

ARLU®
OPENING DOORS

**TYO HINGE
SOLUTIONS**





01

CONCEALED HINGES

5 Invisible®TYO

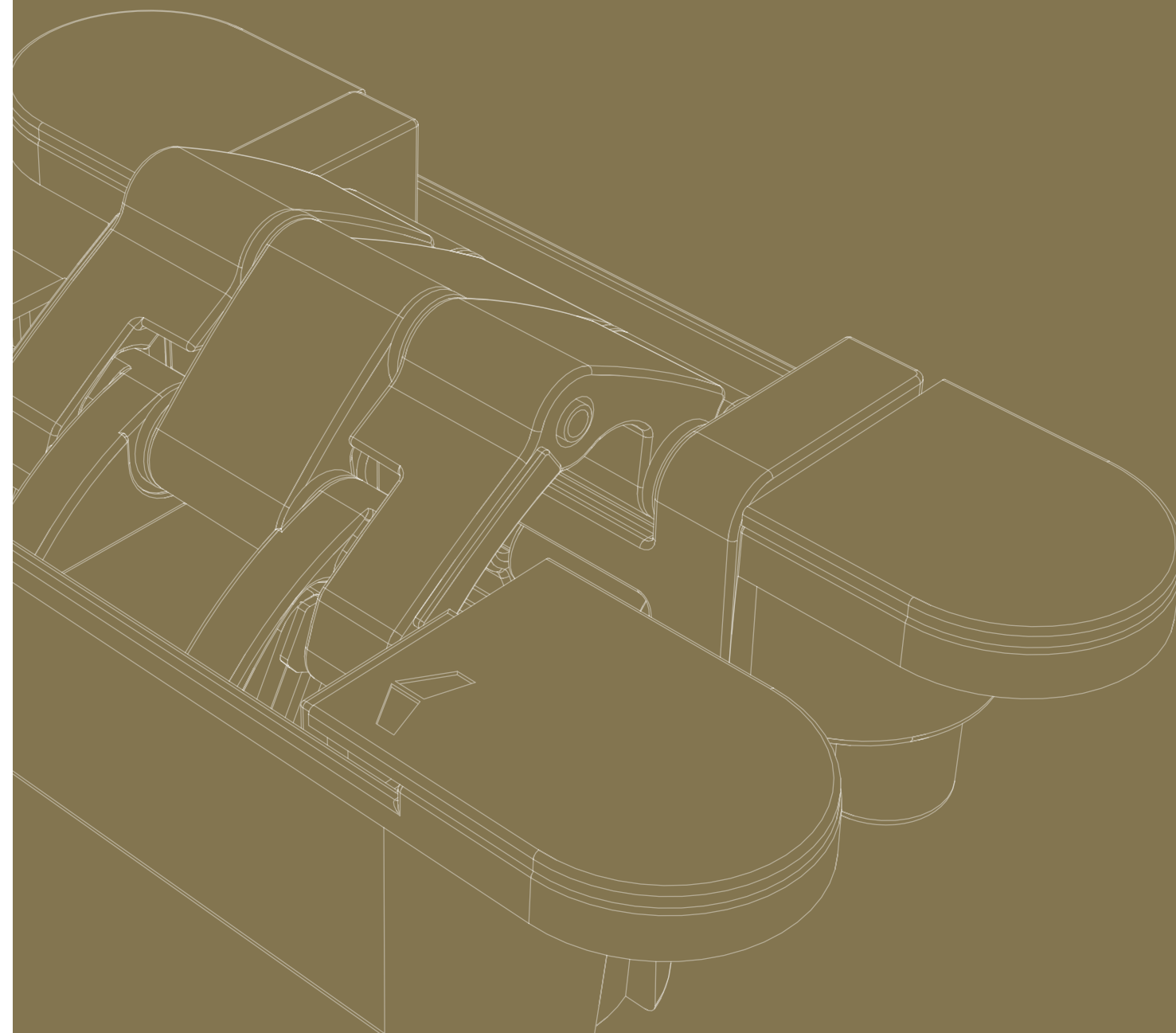
ARLU, THE REFERENCE FOR OPENING DOORS

ARLU is the leading reference in *opening doors*. With a strong focus on design, functionality and innovation, we craft architectural hardware that blends aesthetics with precision engineering. Our solutions are crafted to enhance both interior and exterior spaces, offering architects, designers, and builders the tools to realize their vision. From sleek, modern lines to solid, durable mechanisms, ARLU products embody quality and creativity. From stylish homes and offices to hotels and restaurants, our hardware opens more than just doors, it opens possibilities. Discover how ARLU redefines access and elevates every space with elegant and reliable door solutions.

01

CONCEALED HINGES

To integrate hinged interior doors aesthetically and seamlessly with the wall, the hinges are preferably concealed. Thanks to the patented concealed ARLU hinges, this is perfectly possible. When the door is closed, the hinges are completely concealed, while, when visible on the edge of the door leaf, they still retain a neat and high-quality appearance. Furthermore, their simple installation and adjustment are an added advantage for smooth and efficient fitting.





ARLU **INVISIBLE TYO**

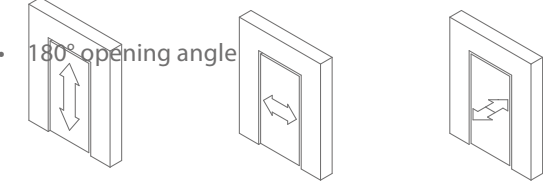
The ARLU Invisible TYO is a recent addition to ARLU®'s family of invisible hinges. With a focus on a minimal installation depth of 21 mm in the door frame, the Invisible TYO fits in perfectly with our other invisible hinges for special applications. Its minimal installation depth allows for narrower door frames with visually discreet results. As with all other ARLU invisible hinges, 3D adjustment of the door leaf, an opening angle of 180° and universal application for both doors that open to either the left or right are all possible. The plastic caps supplied ensure the Invisible TYO neatly continues the trend set by the acclaimed design of the Invisible NEO.

Invisible TYO

What are the benefits?

Ease of installation

- Minimum door frame installation depth of 21 mm
- Universal: for left and right-opening doors
- 3D adjustable (height, width, depth) without taking the door off-
2 / + 2- 3 / + 3- 1 / + 1



- 180° opening angle



matt chrome
70000243



black
70000231



white



70000233

brass gold

70000240

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
- Fully mounted on plastic washers

Aesthetics

- Pure and qualitative design
- No visible screws
- Plastic caps

Accessories

Seal kit

70000251

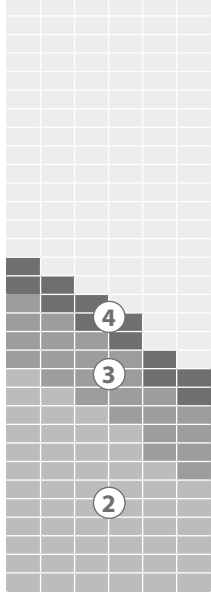
The fire-retardant kit enables the TYO hinge to be made fire-retardant



Weight chart showing number of hinges

INVISIBLE TYO

Max. door weight: 175 kg 170 kg 165 kg 160 kg 155 kg 150 kg 145 kg 140 kg 135 kg 130 kg 125 kg 120 kg
115 kg 110 kg 105 kg 100 kg 95 kg 90 kg 85 kg 80 kg 75 kg 70 kg 65 kg 60 kg 55 kg 50 kg 45 kg 40 kg 35 kg
30 kg 25 kg 20 kg 15 kg 10 kg 5 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg 0 kg



Number of concealed hinges depending on the door weight and a maximum door size of 2000 mm (height) x 1000 mm (width) in accordance with EN1935:

- 2 hinges* Max. 60 kg
- 3 hinges Max. 80 kg

* To ensure the door leaf remains perpendicular, the use of at least 3 hinges is recommended. Using more than 4 hinges is not recommended; please contact ARLU if this is necessary.

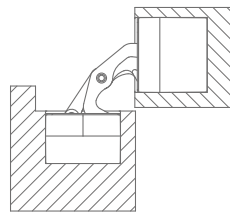
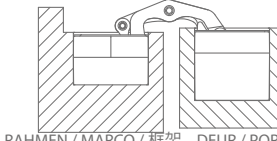
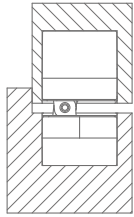
Adjusted door weight: According to the EN1935 standard, door closers increase the load on the door hinges and their wear and tear. This must be taken into account for the correct calculation.

- door closer* door closer with back-check* for intensive use
- door weight +20%
- door weight +75%
- door weight +10%

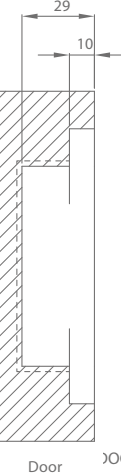
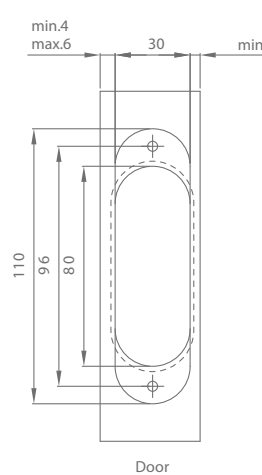
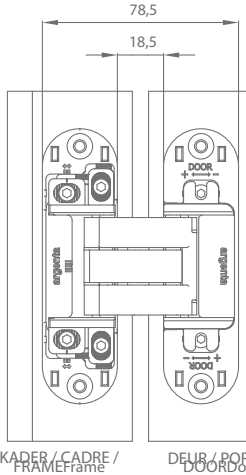
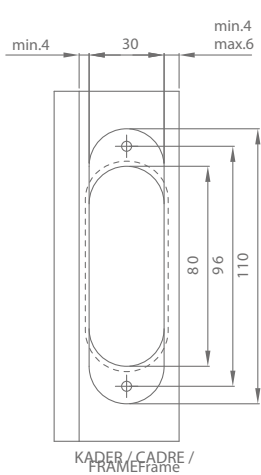
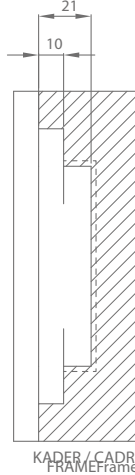
* When using a door closer, we recommend using 4 hinges: 2 at the top, 1 in the middle and 1 at the bottom.

Classification summary in accordance with EN1935 / EAD020001-01-0405:

	Category Use	Durability performance	Test Door mass	Fire-resistant Smoke-resistant	Safety	Corrosion resistance	Burglar-proof	Hinge quality
TYO	2	7	3	0	1	4	0	10



KADER / CADRE / FRAMEFrame



KADER / CADRE / FRAMEFrame

DEUR / PORTE / DOORDoor

Door

Door

Door



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