

**AXOR®**

**ARTE INTERIOR**



# CONCEALED HINGES

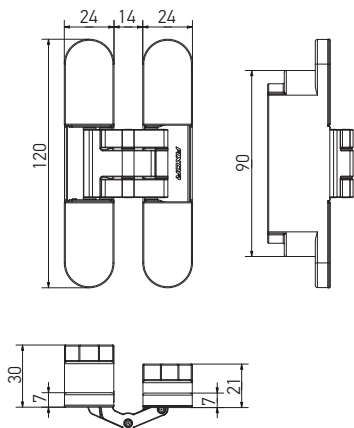
FOR INTERIOR DOORS



[axorindustry.com](http://axorindustry.com)

## CONCEALED INTERIOR DOOR HINGES 24/24×120

Concealed interior door hinges ARTE Interior 24/24×120 for timber and MDF doors, with the possibility of adjustment. Maximum door weight for a set of two hinges up to 60 kg. Quantity in the package: 2 pcs.



**D5004-00-N01**

White  
RAL 9016



**D5004-00-N03**

Chrome matte



**D5005-00-N01**

White RAL 9016,  
zinc coated



**D5004-00-N05**

Gold



**D5005-00-N03**

Chrome matte,  
zinc coated



**D5004-00-N06**

Bronze



**D5005-00-N07**

Matte black RAL 9005,  
zinc coated

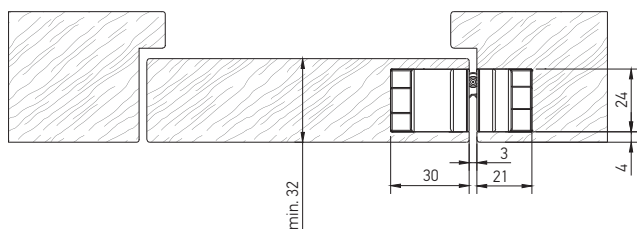


**D5004-00-N07**

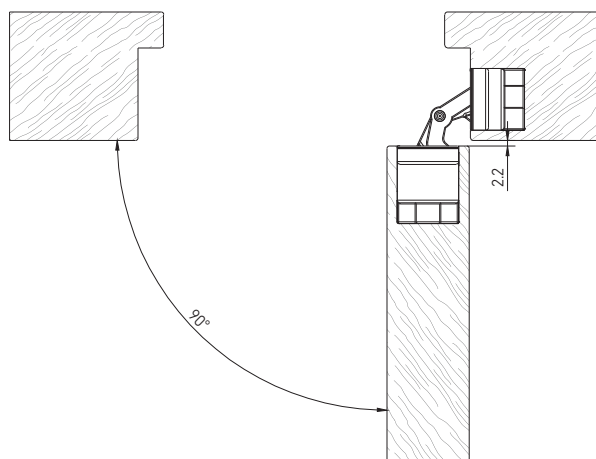
Matte black RAL 9005

## INSTALLATION OF CONCEALED HINGES (24/24×120)

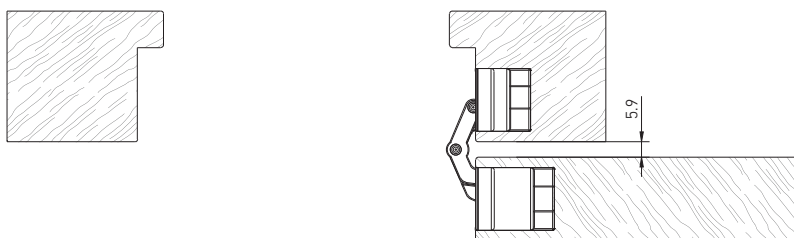
### CLOSED



### OPENED 90°



### OPENED 180°



Technical drawing showing the dimensions for a door assembly, including the Door Leaf, Door Frame, and a cross-section view.

**Door Leaf Dimensions:**

- Top edge thickness:  $7 \pm 0.2$
- Bottom edge thickness:  $30 \pm 0.5$

**Door Frame Dimensions:**

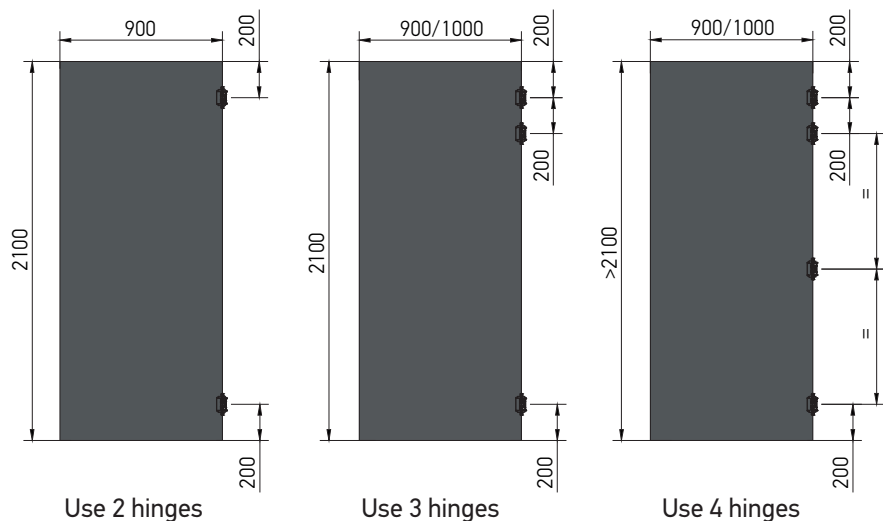
- Top edge thickness:  $7 \pm 0.2$
- Bottom edge thickness:  $21 \pm 0.5$

**Cross-section Dimensions:**

- Overall width:  $24.1 \pm 0.2$
- Overall height:  $120.1 \pm 0.2$
- Inner opening width:  $90.1 \pm 0.2$
- Inner opening height:  $90.1 \pm 0.2$
- Frame thickness (left):  $4$
- Frame thickness (right):  $4$
- Frame thickness (bottom):  $4$
- Frame thickness (top):  $4$
- Frame thickness (left side):  $A$
- Frame thickness (right side):  $B$

| A, mm | B, mm |
|-------|-------|
| 32    | 4     |
| 33    | 5     |
| 34    | 6     |
| 35    | 7     |
| 36    | 8     |
| 37    | 9     |
| 38    | 10    |
| 39    | 11    |
| 40    | 12    |
| 41    | 13    |
| 42    | 14    |

## INSTALLATION SCHEME

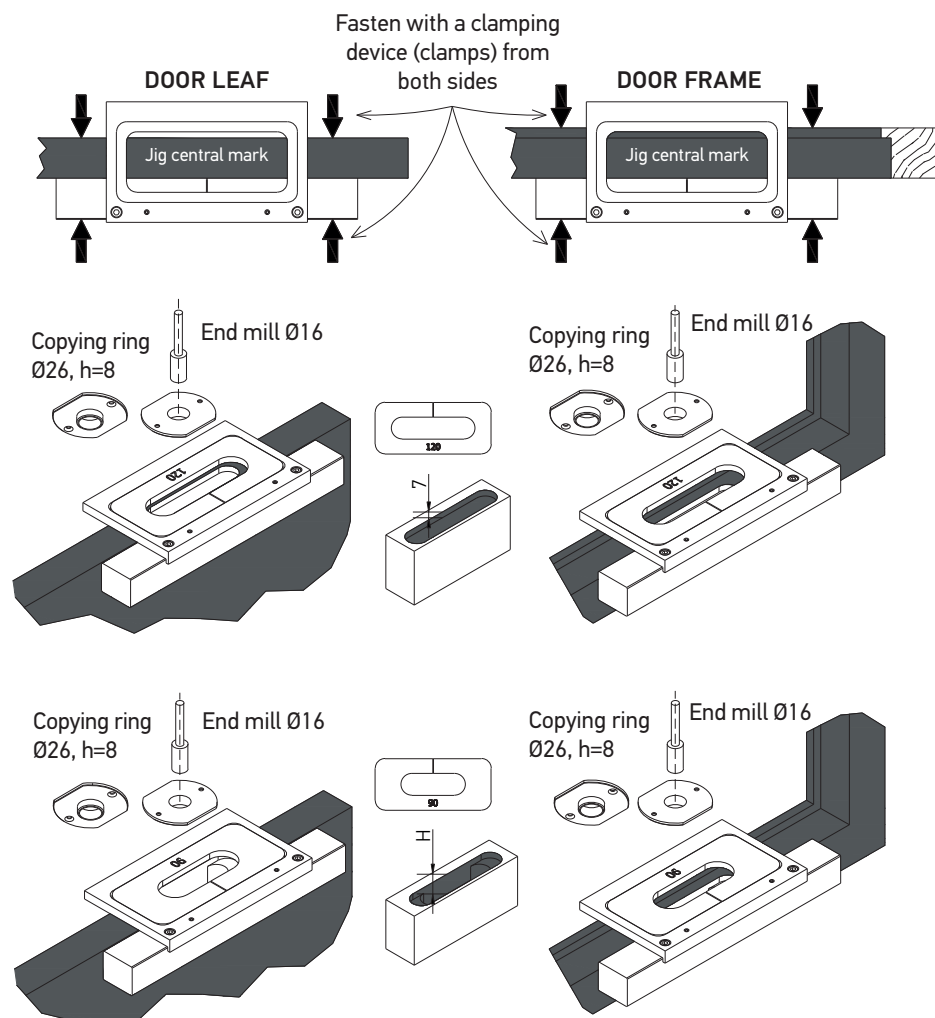


Required number of hinges\*, pcs

|                 |       |                |     |     |     |      |
|-----------------|-------|----------------|-----|-----|-----|------|
| Door height, mm | >2100 | 4              | 4   | 4   | 4   | 4    |
|                 | 2100  | 2              | 2   | 2   | 2   | 3    |
|                 | 2000  | 2              | 2   | 2   | 2   | 3    |
|                 | 1900  | 2              | 2   | 2   | 2   | 3    |
|                 | 1800  | 2              | 2   | 2   | 2   | 3    |
|                 |       | 600            | 700 | 800 | 900 | 1000 |
|                 |       | Door width, mm |     |     |     |      |

\* Door weight up to 60 kg

## MILLING PROCEDURE (24/24×120)



| H, mm     |            |
|-----------|------------|
| Door leaf | Door frame |
| 30        | 21         |

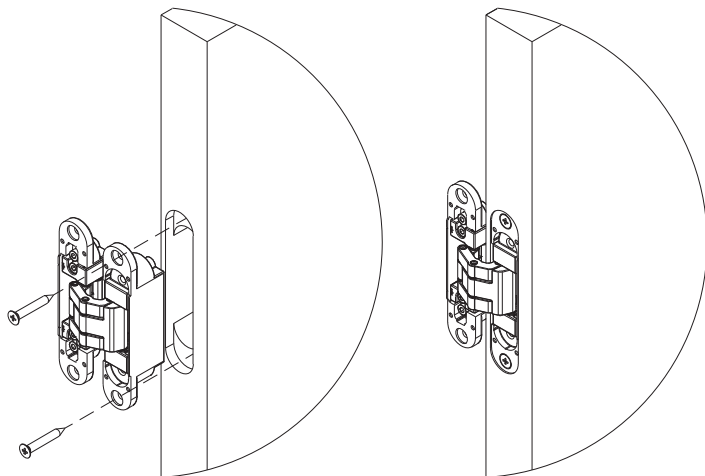
**A7226-99-N07**

Basic milling jig, 24 mm (PA)

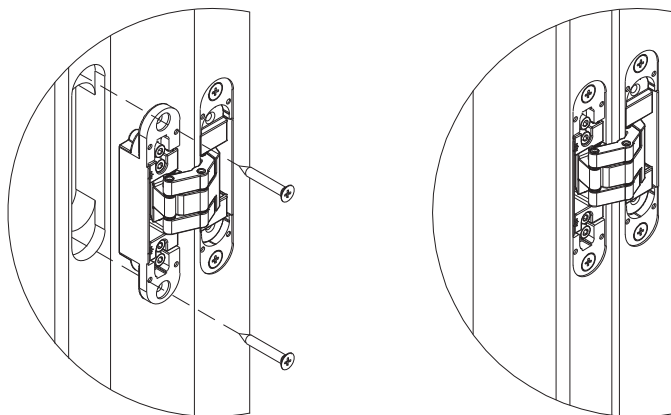
**A7\*\*\*-\*\*-N03**

Set of copying plates

## INSTALLATION PROCEDURE (24/24×120; 30/24×120)

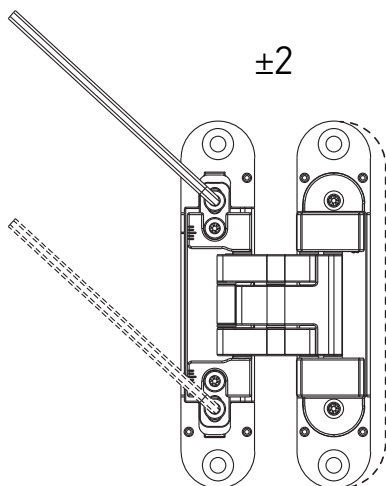


1. Install the hinges into the proper grooves on the door leaf, paying attention to the direction of opening (depth 30 mm).
2. Fix with screws Ø5 x min. 35.



3. Install the door leaf on the door frame, inserting the hinges into the proper grooves (21 mm deep).
4. Fix with screws Ø5 x min. 25.

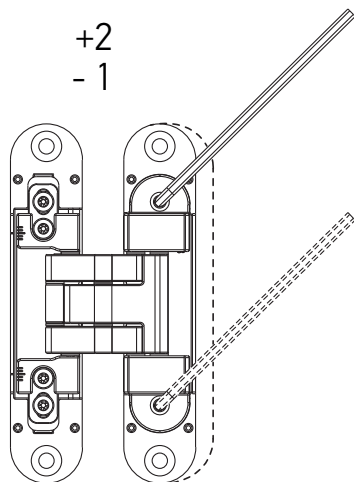
## VERTICAL ADJUSTMENT (24/24×120; 30/24×120)



**Within  $\pm 2$  mm.**

Vertical adjustment is carried out on the part of the hinge installed in the door frame. To make the adjustment, it is necessary to loosen the two specified screws with a 3 mm hex key and lift up the door leaf to the required position. Using of a flat screwdriver is allowed, which can be inserted into the groove between the body and the adjustable part of the hinge and used as an additional lever. Holding the door leaf in the required position, tighten the fastening screws.

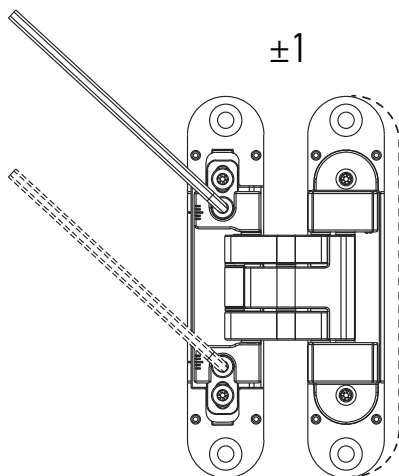
## HORIZONTAL ADJUSTMENT (24/24×120; 30/24×120)



**Within +2 mm (toward the hinges) / -1 mm.**

Horizontal adjustment is carried out on the part of the hinge installed in the door leaf. To make the adjustment, it is necessary to screw in or unscrew the two specified screws, using a 3 mm hex key, thereby setting the door leaf in the required position. It is not allowed to screw in or unscrew only one screw immediately to the extreme position, only sequential screwing.

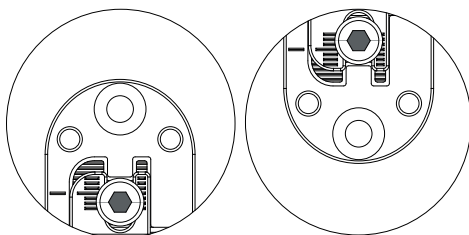
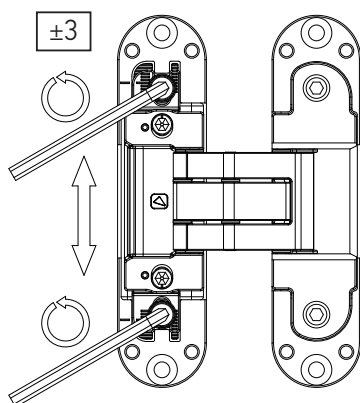
## DEPTH ADJUSTMENT (24/24×120; 30/24×120)



### Within $\pm 1$ mm.

Depth adjustment is carried out on the part of the hinge installed in the door frame. To make the adjustment, it is necessary to loosen the two specified screws, using a 3 mm hex key, and then install the door leaf in the required position. After adjustment, tighten the fastening screws.

## VERTICAL ADJUSTMENT (30/30×125)



HEX 4

### Within $\pm 3$ mm.

Vertical adjustment is carried out on the part of the hinge installed in the door frame. To make the adjustment, it is necessary to loosen the two specified screws with a 4 mm hex key and lift up the door leaf to the required position. Holding the door leaf in the required position, tighten the fastening screws.

Hinges were tested in independent certified laboratories and received documents certifying their quality. The quality of AXOR Arte Interior concealed door hinges is confirmed by the quality certificate of the International Institute of Window and Door Technologies ITB. You can download certificates on the website [axorindustry.com](http://axorindustry.com).

