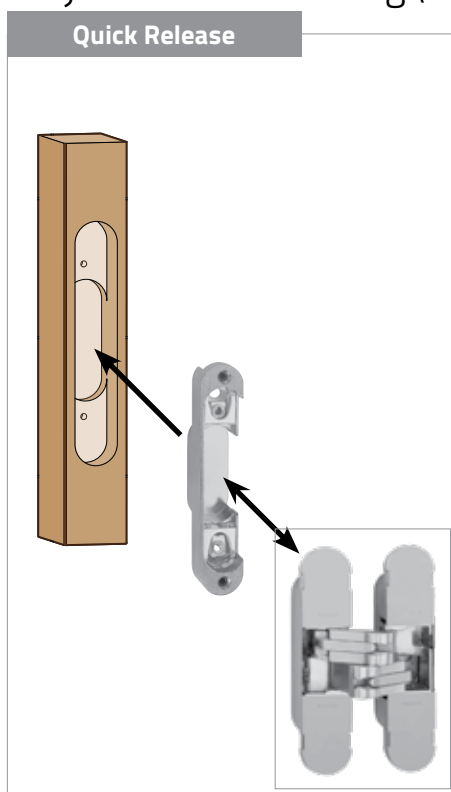


3D Concealed Hinge BAC1230S Functional Data

Fully Adjustable: Max 70kg (based on door 3000 x 1300mm)



The BAC1230S 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 70kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1230S hinge becomes invisible, hidden away by the jamb and the door butting up against each other.

Walls no longer need to be visually interrupted by the traditional butt hinge where the two leaves of the hinge meet and protrude out past the jamb.

The formal architectural composition of a wall can now continue without interruption, creating an aesthetically appealing appearance that is truly clean and elegant.

Quick release: CEAM's quick release system is revolutionary - once the hinge is installed, you never need touch the door or jamb again.

The hinge sits within a cup, which is rebated and fixed to the door and jamb. The hinge is then fastened to the cup. As a result, if the door needs to come down, all you do is unscrew the locking bolts and remove the hinge from the cup.

The door can be removed and reinstalled for painting and adjustments without damaging timber or paint work, saving time and money.

Door movement: over time, this can be an expensive problem to fix. Not with the BAC1230S 3D adjustable hinge; it specifically caters for door movement.

Once movement occurs, a door may not close properly or rub the paintwork. To fix, the door needs to come down and then the door and/or jamb needs to be planed and repainted; a costly and time consuming effort.

Using the BAC1230S, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.

S.T.A.R.S.

BAC1230S Quick Facts

Cladding	Upto 15.5mm on the door or wall
Min. door thickness	35mm
Max. door weight	70kg (subject to door dimentions)
Narrow timber rebate	21mm (ideal for thin jambs)
Gap when closed	2mm
Working aperture	180°
Manufacturing location	100% Made in Italy
Reliability	Certified to over 200,000 cycles
Adjustable	3D adjustment on 3 (X,Y,Z) axes
Quick Release	CEAM quick release system, never need to touch the door or jamb again

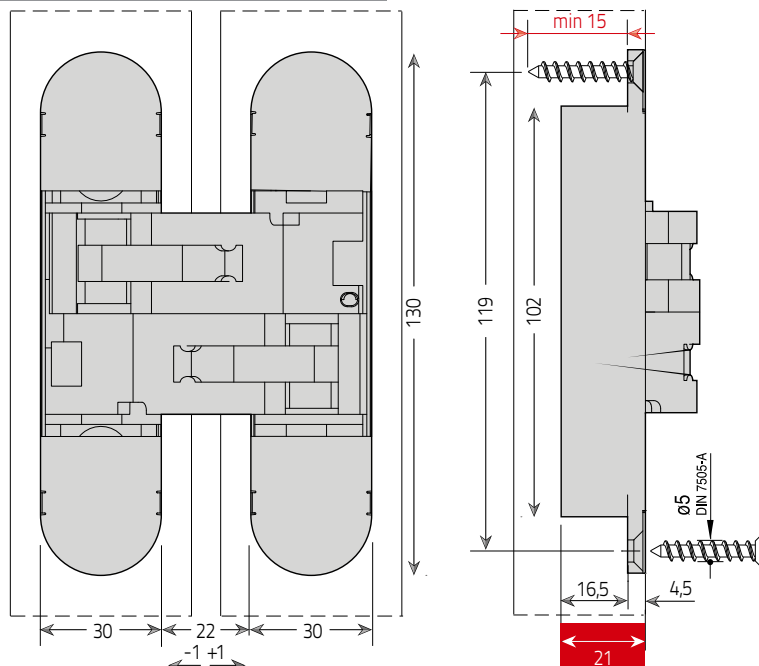
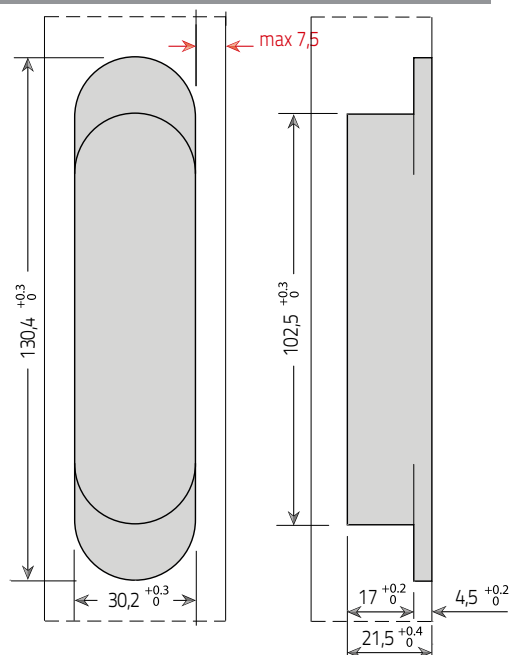


BAC1230S Order Codes

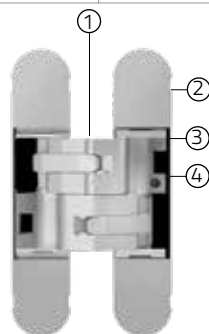
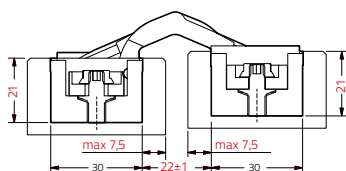
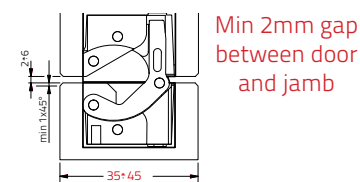
BAC1230SSI	Silver
BAC1230SNI	Polished Nickel
BAC1230SSN	Satin Nickel
BAC1230SBZ	Bronze
BAC1230SPB	Polished Brass
BAC1230SBL	Black
BACJIGX3-BACT1230	Jig & hinge template (rent / buy) pg. 59 - 61

Fully Adjustable: Max 70kg (based on door 3000 x 1300mm)

Hinge Measurements

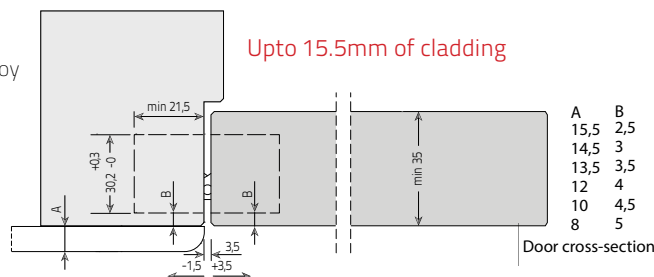


BAC1230S Quick Facts



- 3D adjustable
- CEAM quick release system
- Available in multiple finishes
- 100% Made in Italy for over 50 years
- Suitable for high frequency opening doors
- Jig & router template available for easy installation
- Suitable for internal & external (under cover) locations
- Suitable for residential, commercial & industrial locations

- 1 Mechanism made from Zinc-alloy
- 2 Galvanized steel covers
- 3 Zinc-alloy internal body
- 4 Zinc-alloy external body



No. & Position of Hinges based on Door Height, Width & Weight

If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58

The diagrams illustrate four different hinge arrangements for a door edge:

- Diagram 1:** Two hinges are mounted on the edge, with a distance of 200 mm between them.
- Diagram 2:** Three hinges are mounted on the edge, with a distance of 200 mm between each hinge.
- Diagram 3:** Three hinges are mounted on the edge, with a distance of 250 mm between each hinge.
- Diagram 4:** Four hinges are mounted on the edge, with a distance of 200 mm between each hinge.

■ 2 hinges ■ 3 asymmetrical hinges
■ 3 symmetrical hinges ■ 4 hinges

Use asymmetric for heavy usage or commercial use.

x - 1 mm / + 1 mm
y - 2,5 mm / + 2,5 mm
Z - 1,5 mm / + 2,5 mm

