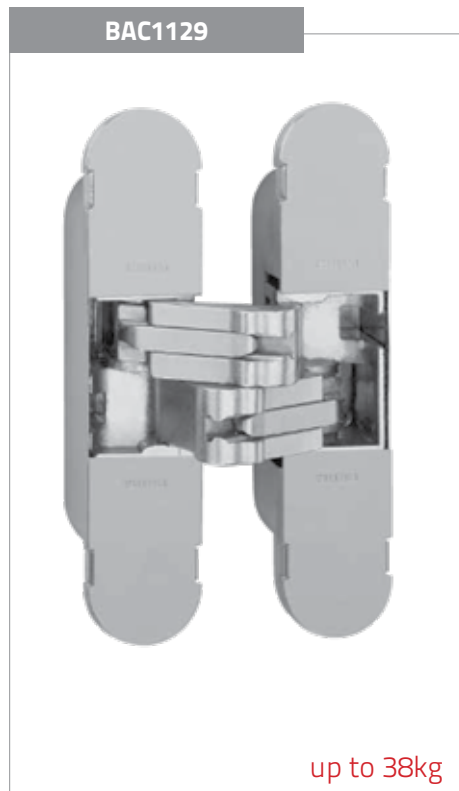
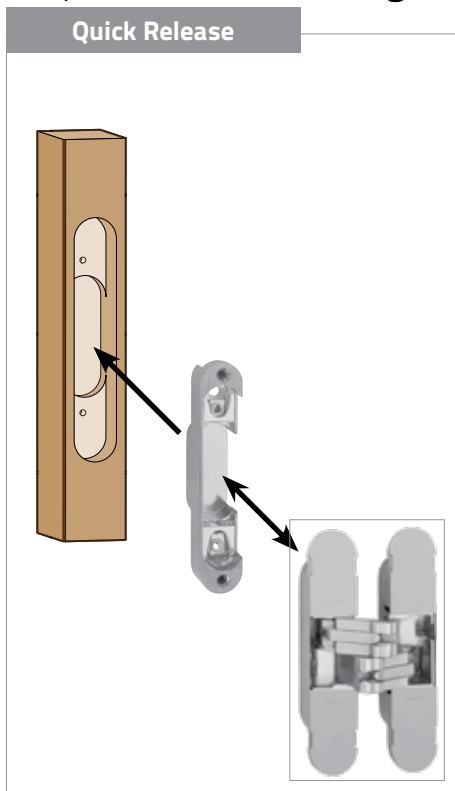


3D Concealed Hinge BAC1129 Functional Data

Fully Adjustable: Max 38kg (based on door 2500 x 1300mm)



The BAC1129 3D adjustable concealed hinge is revolutionary in its design, and is rated to carry a 38kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1129 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 BAC1129 3D adjustable hinge; it specifically caters for door movement.

When movement occurs, a door may not close properly or may rub the paintwork. With traditional hinges, to fix this requires the door to come down, and then the door and/or jamb needs to be planed and repainted; a costly and time consuming effort.

Using the BAC1129, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.



BAC1129 Quick Facts

Min. door thickness	28mm
Max. door weight	38kg (subject to door dimensions)
Narrow timber rebate	18mm (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

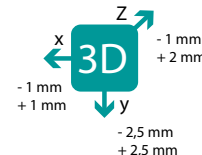


BAC1129 Order Codes

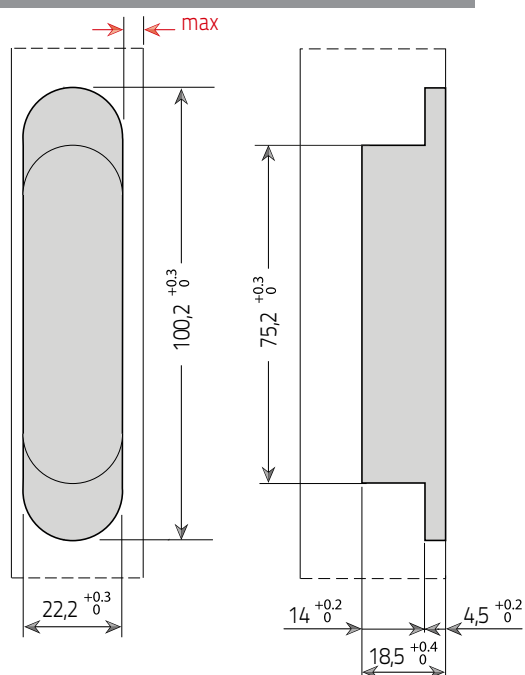
BAC1129SI	Silver
BAC1129NI	Polished Nickel
BAC1129PB	Polished Brass
BAC1129WH	White (Cover Plates Only)
BAC1129BL	Black (Cover Plates Only)
BAC1129BZ	Bronze
BACJIGX3-BACT1129	Jig & hinge template (rent or buy) pg. 59 - 61

3D Concealed Hinge BAC1129 Technical Data

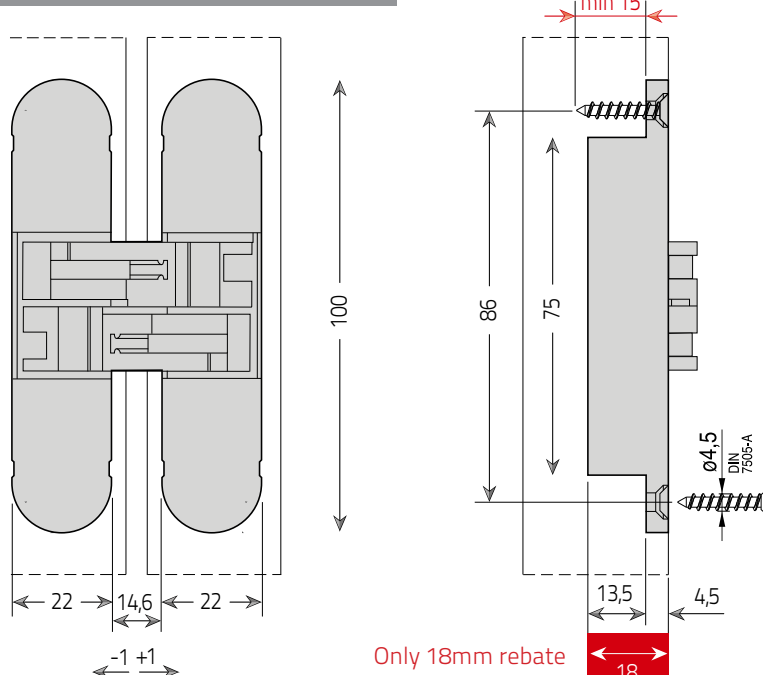
Fully Adjustable: Max 38kg (based on door 2500 x 1300mm)



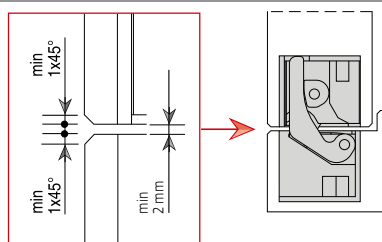
Timber Rebate Measurements



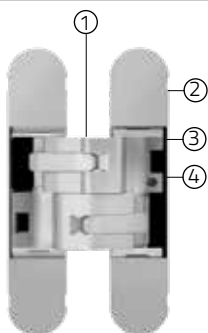
Hinge Measurements



BAC1129 Diagrams



Min 2mm gap between door and jamb

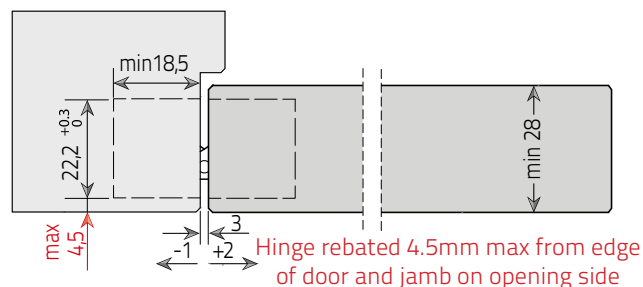


- 1 Mechanism made from Zinc-alloy
- 2 Galvanized steel covers
- 3 Zinc-alloy internal body
- 4 Zinc-alloy external body

Full 180° Opening

BAC1129 Quick Facts

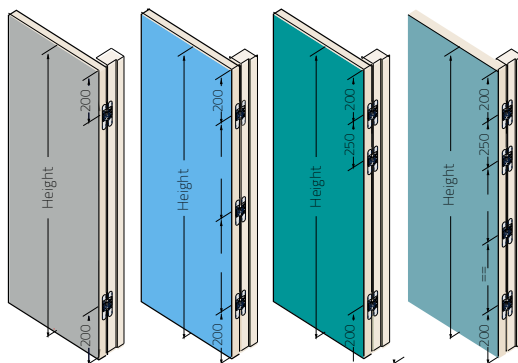
- 3D adjustable
- CEAM quick release system
- Available in multiple finishes
- 100% Made in Italy for over 50 years
- Suitable for high frequency opening doors
- Jig & router template available for easy installation
- Suitable for internal & external (under cover) locations
- Suitable for residential,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



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

4 x BAC1129 for doors 2400 - 2500mm high							
2500	38	38	38	38	38	33	29
2400	38	38	38	38	37	31	28
3 x BAC1129 for doors 2000 - 2300mm high							
2300	38	38	38	38	34	29	26
2200	38	38	38	37	31	27	25
2100	38	38	38	34	29	26	24
2000	38	38	38	31	27	24	23
2 x BAC1129 for doors 1900 - 2200mm high							
2200	25	25	25	25	21	19	17
2100	25	25	25	23	20	18	16
2000	25	25	25	21	18	17	16
1900	25	25	23	19	17	16	15
h x w	700	800	900	1000	1100	1200	1300
Height x Width in mm Weight in Kg							

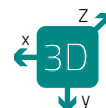
If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58



- 2 hinges
- 3 symmetrical hinges
- 3 asymmetrical hinges
- 4 hinges

Use asymmetric for heavy usage or commercial use.

Adjustment



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

