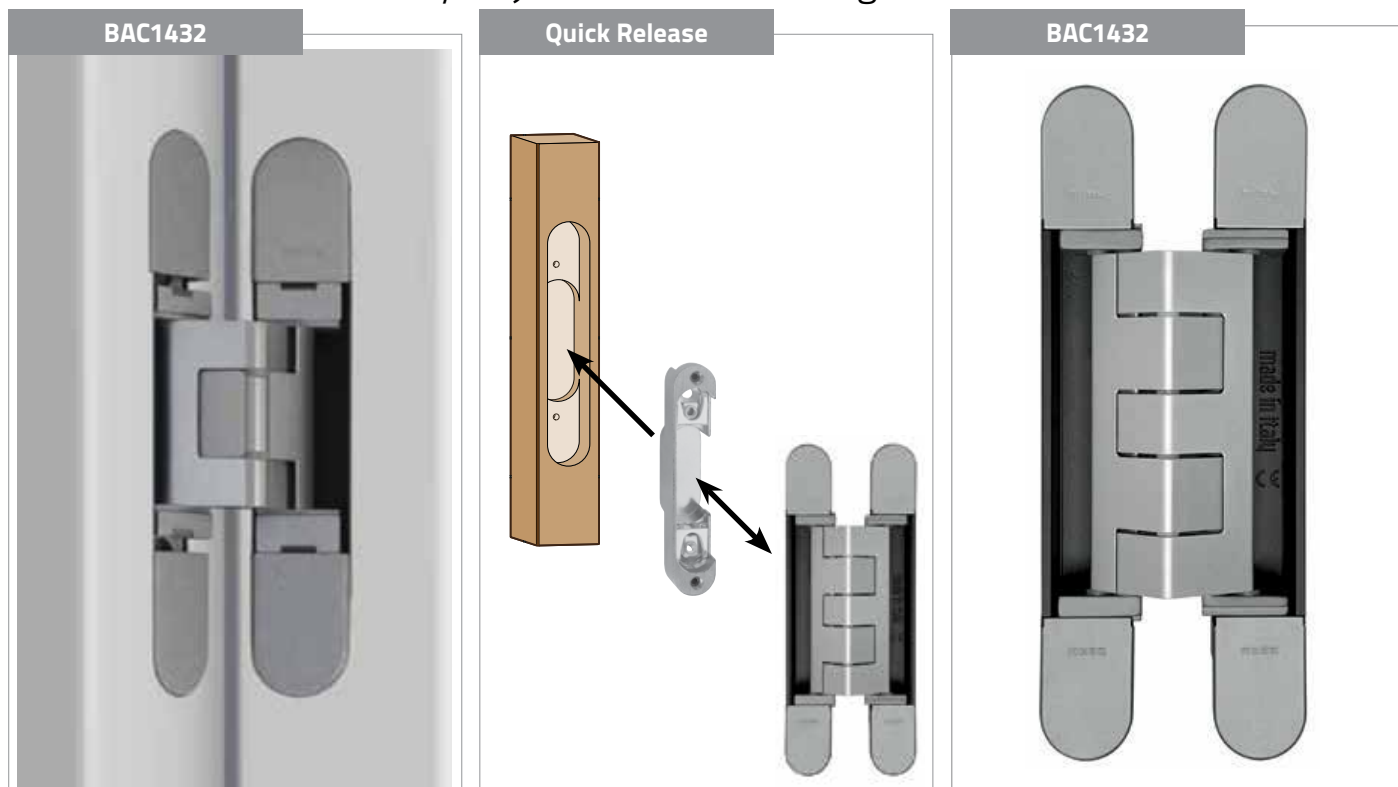


3D Concealed Hinge BAC1432 Functional Data

Fully Adjustable: Max 215kg (based on door 3000 x 1300mm)



The BAC1432 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 215kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1432 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.

3D fully adjustable Concealed Hinge for heavy doors upto 215kg Solid Colour - including the knuckle

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 BAC1432 3D adjustable hinge; it specifically caters for door movement.

When movement occurs, a door may not close properly or 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 BAC1432, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.



BAC1432 Quick Facts

Min. door thickness	38mm
Max. door weight	215kg (subject to door dimentions)
Narrow timber rebate	32mm
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

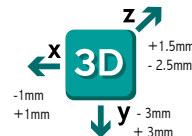


BAC1432 Order Codes

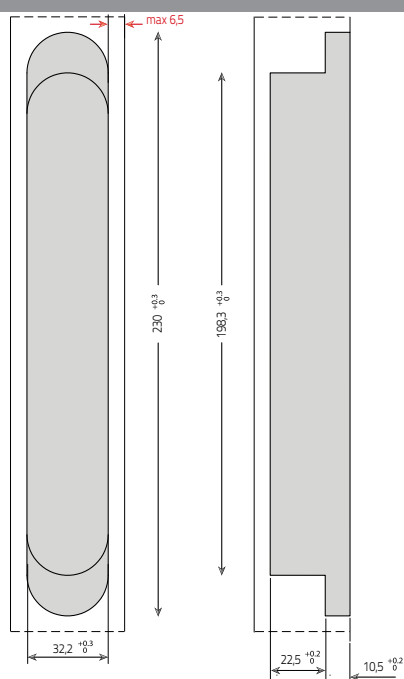
BAC1432SI	Silver
BAC1432PB	Polished Brass
BAC1432BL	Black
BAC1432WH	White
BAC1432BZ	Bronze
BAC1432SN	Satin Nickel
BACJIGX3-BACT1432	Jig & hinge template (rent or buy) pg. 59 - 61

3D Concealed Hinge BAC1432 Technical Data

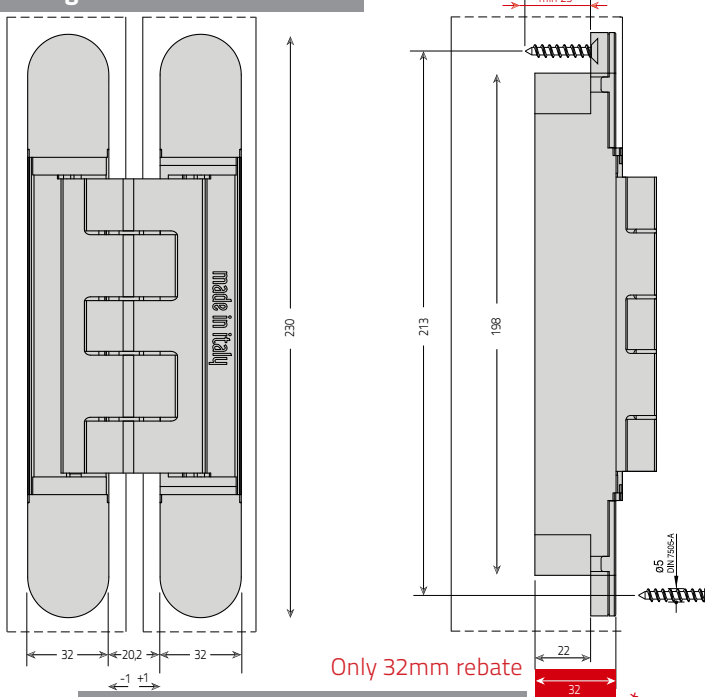
Fully Adjustable: Max 215kg (based on door 3000 x 1300mm)



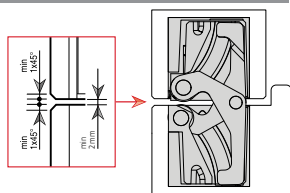
Timber Rebate Measurements



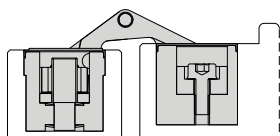
Hinge Measurements



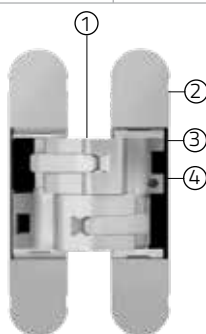
BAC1432 Diagrams



Min 2mm gap between door and jamb



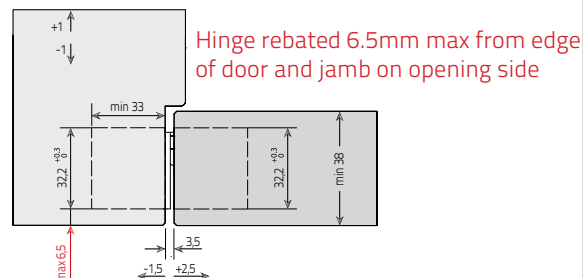
Full 180° Opening



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

BAC1432 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



Hinge rebated 6.5mm max from edge of door and jamb on opening side

4 x BAC1432 for doors 2700 - 3000mm high

3000	215	215	215	215	215	215	215
2900	215	215	215	215	215	215	215
2800	215	215	215	215	215	215	201
2700	215	215	215	215	215	215	188

3 x BAC1432 for doors 2000 - 2600mm high

2600	215	215	215	215	215	204	176
2500	215	215	215	215	215	189	165
2400	215	215	215	215	207	176	156
2300	215	215	215	215	190	165	148
2200	215	215	215	210	176	155	141
2100	215	215	215	192	164	146	134
2000	215	215	215	176	153	138	128

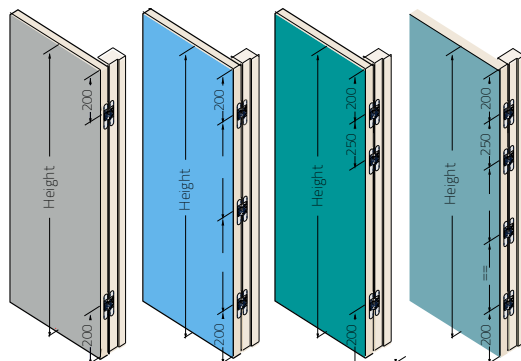
2 x BAC1432 for doors 1900 - 2200mm high

2200	180	180	180	176	150	133	122
2100	180	180	180	162	140	126	116
2000	180	180	180	150	132	120	111
1900	180	180	164	140	125	114	107
h x w	700	800	900	1000	1100	1200	1300

Height x Width in mm | Weight in Kg

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

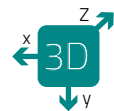
If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58



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

Use asymmetric for heavy usage or commercial use.

Adjustment



- x - 1 mm / + 1 mm
- y - 3 mm / + 3 mm
- z - 1.5 mm / + 2.5 mm

