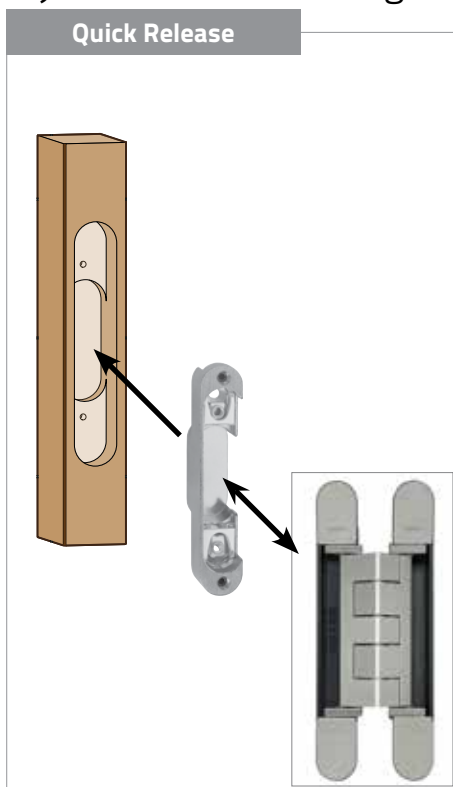


3D Concealed Hinge BAC1432W Functional Data

Fully Adjustable: Max 195kg (based on door 3000 x 1300mm)



The BAC1432W 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 195kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1432W 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 doors upto 195kg Wide Throw with upto 8mm of Cladding

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 BAC1432W 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 BAC1432W, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.



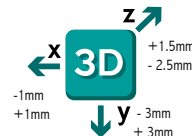
BAC1432W Quick Facts

Max Cladding:	8mm on door & jamb
Min. door thickness	38mm
Max. door weight	195kg (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



BAC1432W Order Codes

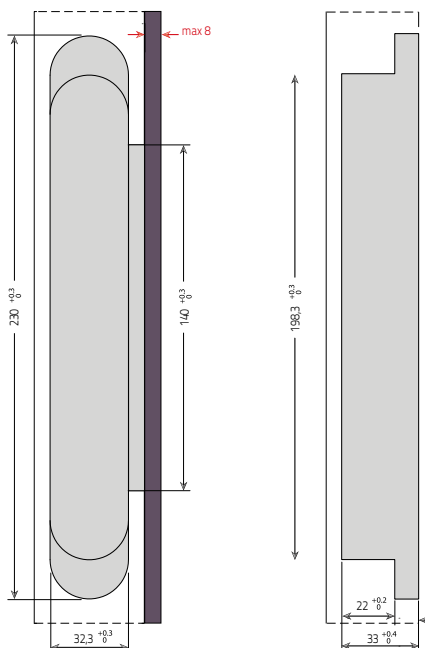
BAC1432WSI	Silver
BAC1432WPB	Polished Brass
BAC1432WBL	Black
BAC1432WWH	White
BAC1432WBZ	Bronze
BAC1432WSN	Satin Nickel
BACJIGX3-BACT1432	Jig & hinge template (rent or buy) pg. 59 - 61



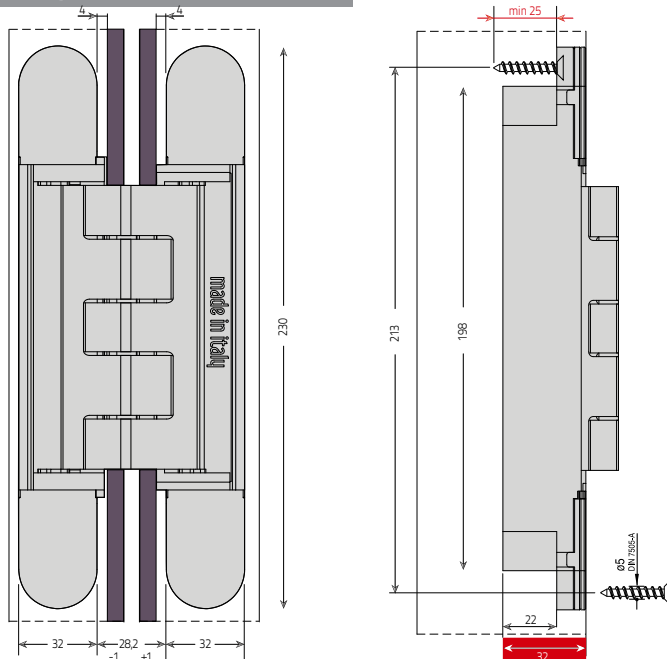
3D Concealed Hinge BAC1432W Technical Data

Fully Adjustable: Max 195kg (based on door 3000 x 1300mm)

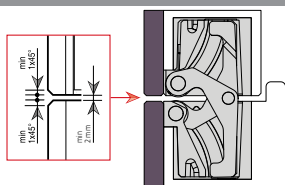
Timber Rebate Measurements



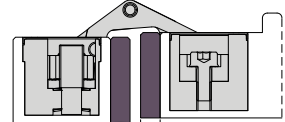
Hinge Measurements



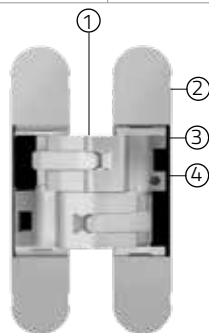
BAC1432W Diagrams



Min 2mm gap between door and jamb



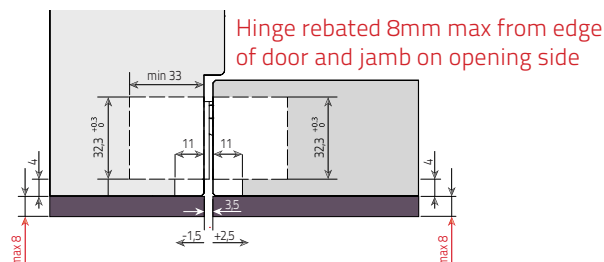
Full 180° Opening



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

BAC1432W 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 8mm max from edge of door and jamb on opening side

4 x BAC1432W for doors 2700 - 3000mm high

3000	195	195	195	195	195	195	195
2900	195	195	195	195	195	195	195
2800	195	195	195	195	195	195	183
2700	195	195	195	195	195	195	170

3 x BAC1432W for doors 2000 - 2600mm high

2600	195	195	195	195	195	185	160
2500	195	195	195	195	195	171	150
2400	195	195	195	195	187	160	142
2300	195	195	195	195	172	149	134
2200	195	195	195	191	160	140	127
2100	195	195	195	174	149	132	121
2000	195	195	195	160	139	125	116

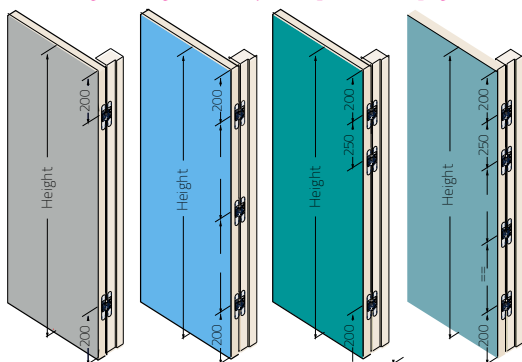
2 x BAC1432W for doors 1900 - 2200mm high

2200	160	160	160	157	133	119	108
2100	160	160	160	144	125	112	103
2000	160	160	160	133	117	107	99
1900	160	160	145	124	111	102	95
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

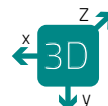
If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58



- 2 hinges
- 3 symmetrical 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

