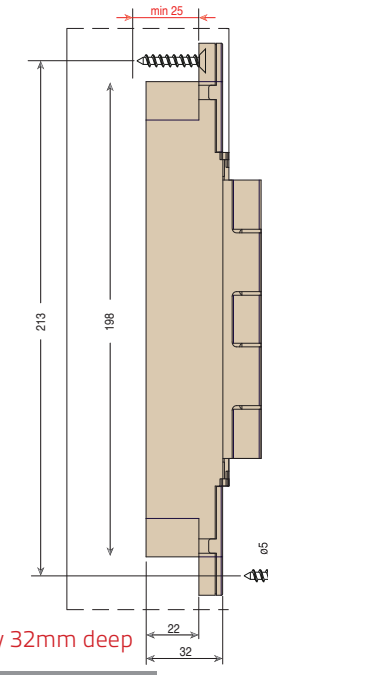
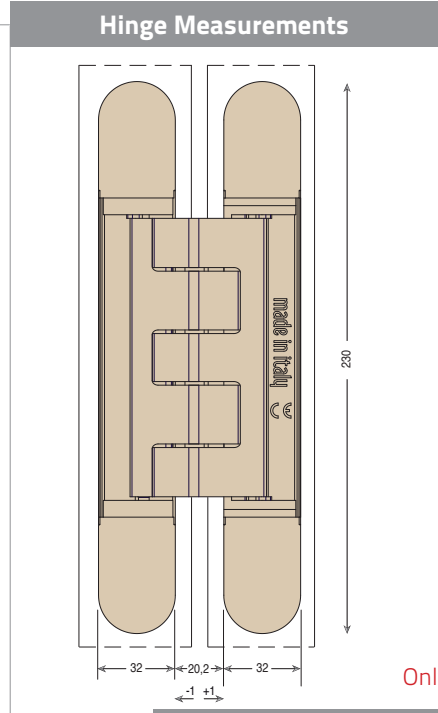
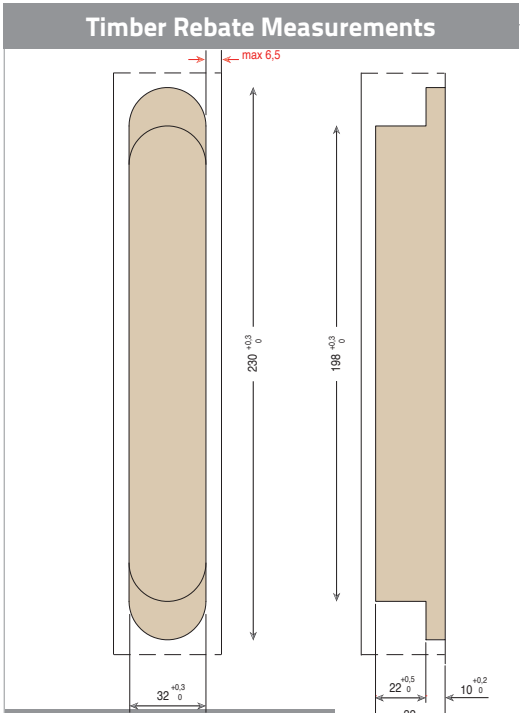
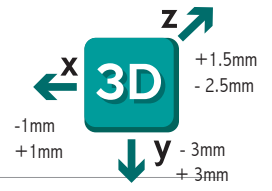
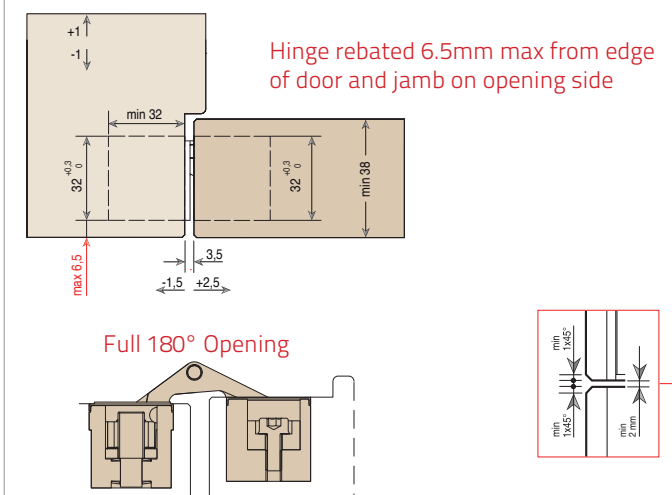


# 3D Concealed Hinge BAC1432 Technical Data

Fully Adjustable: Max 230kg (based on door 2040 x 920mm)



### BAC1432 Diagrams



### 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

Note: if being used with a door closer see page 40.

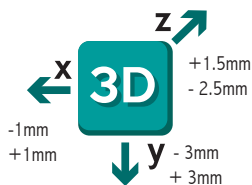
### Hinge Position

- 2 hinges per door
- 3 symmetrical per door
- 3 asymmetrical per door
- 4 hinges per door



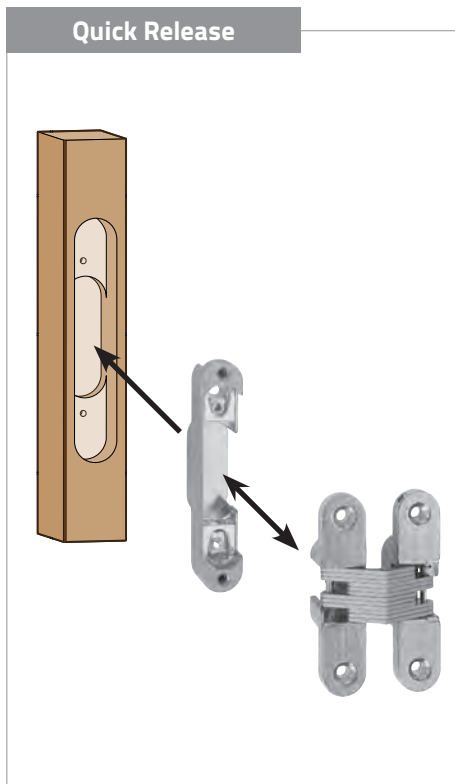
### No. of Hinges based on Door Height, Width & Weight

0 > door < 2100 mm	Max Door Weight in KG						
2 Hinges	120	140	155	170	180	185	190
3 Symmetrical hinges	140	160	185	200	215	220	225
3 asymmetrical hinges	160	180	200	215	235	240	245
4 Hinges	170	190	215	230	250	255	260
2101 > door < 2700 mm	Max Door Weight in KG						
3 Symmetrical hinges	150	160	170	180	195	200	200
3 asymmetrical hinges	170	180	185	195	205	215	220
4 hinges	180	190	195	210	230	230	235
2701 > door < 3200 mm	Max Door Weight in KG						
3 Symmetrical hinges	145	155	160	165	175	195	200
4 hinges	175	185	190	200	210	220	235
Max door width in mm	1201-1300	1101-1200	1001-1100	901-1000	801-900	701-800	601-700



# 3D Concealed Hinge BAC1432 Functional Data

Fully Adjustable: Max 230kg (based on door 2040 x 920mm)



The BAC1432 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 260kg 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.

## NEW 3D fully adjustable Concealed Hinge for heavy doors upto 260Kg. 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, the cup 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.

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 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	260kg (subject to door size & weight)
Narrow timber rebate	32mm (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



### BAC1432 Order Codes

BAC1432SI	Silver
BAC1432PB	Polished Brass
BAC1432BL	Black
BAC1432WH	White
BAC1432BZ	Bronze
BAC1432SN	Satin Nickel
BACJIG-BACT1432	Jig & hinge template (rent or buy) pg.45-47