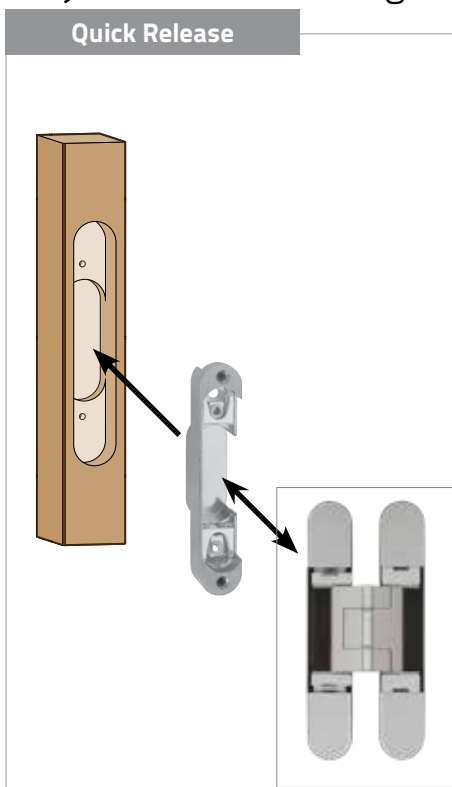


3D Concealed Hinge BAC1430 Functional Data

Fully Adjustable: Max 65kg (based on door 3000 x 1300mm)



The BAC1430 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 65kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1430 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 BAC1430 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 BAC1430, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.



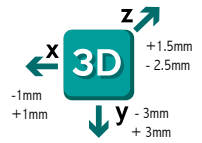
BAC1430 Quick Facts

Min. door thickness	28mm
Max. door weight	65kg (subject to door dimensions)
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



BAC1430 Order Codes

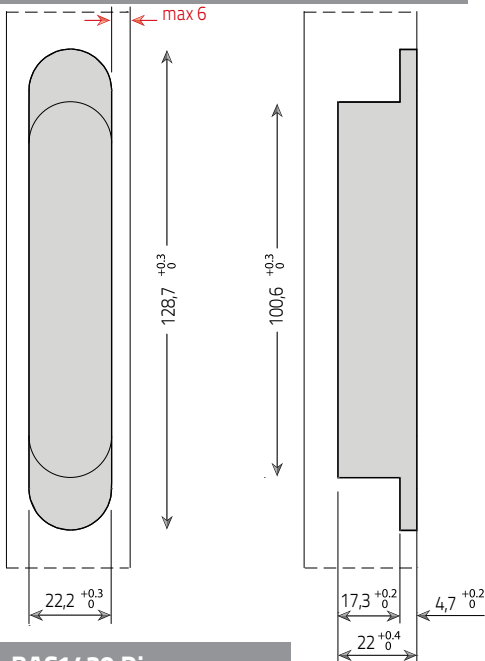
BAC1430SI	Silver
BAC1430PB	Polished Brass
BAC1430BL	Black
BAC1430WH	White
BAC1430BZ	Bronze
BAC1430SN	Satin Nickel
BAC1430CR	Polished Chrome
BACJIGX3-BACT1430	Jig & hinge template (rent or buy) pg. 59 - 61



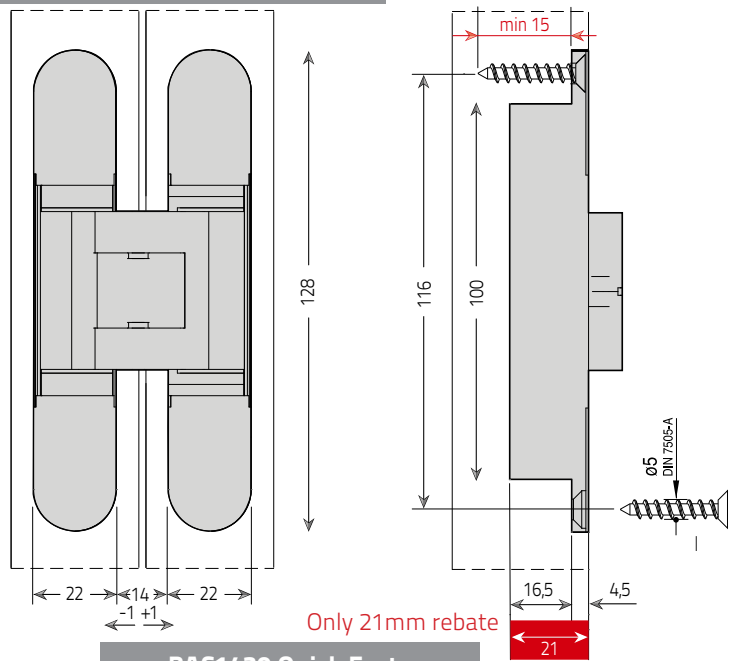
3D Concealed Hinge BAC1430 Technical Data

Fully Adjustable: Max 65kg (based on door 3000 x 1300mm)

Timber Rebate Measurements

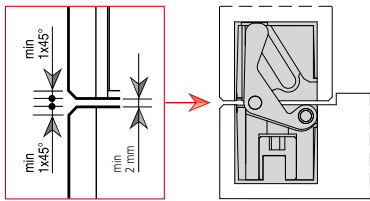


Hinge Measurements

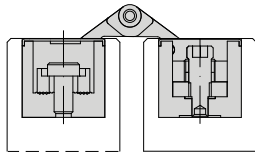


Only 21mm rebate

BAC1430 Diagrams



Min 2mm gap between door and jamb



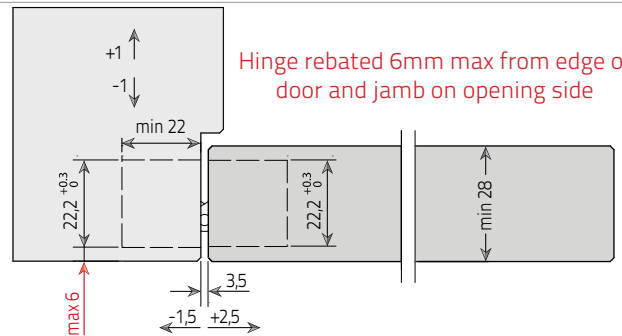
Full 180° Opening

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

BAC1430 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 6mm max from edge of door and jamb on opening side



4 x BAC1430 for doors 2700 - 3000mm high

3000	65	65	65	65	65	65	65
2900	65	65	65	65	65	65	65
2800	65	65	65	65	65	65	61
2700	65	65	65	65	65	65	57

3 x BAC1430 for doors 2000 - 2600mm high

2600	65	65	65	65	65	61	53
2500	65	65	65	65	65	57	50
2400	65	65	65	65	62	53	47
2300	65	65	65	65	57	50	45
2200	65	65	65	63	53	47	42
2100	65	65	65	58	49	44	40
2000	65	65	65	53	46	42	39

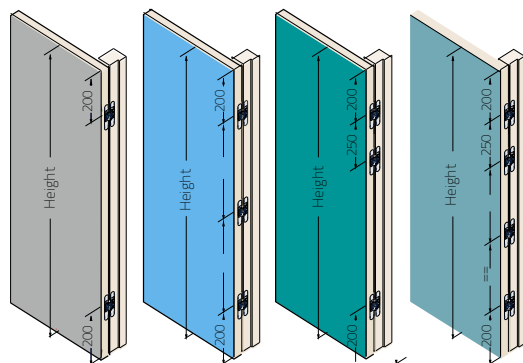
2 x BAC1430 for doors 1900 - 2200mm high

2200	50	50	50	49	41	37	34
2100	50	50	50	45	39	35	32
2000	50	50	50	41	36	33	31
1900	50	50	45	38	34	32	29
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

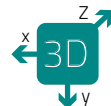
If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58



- 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

