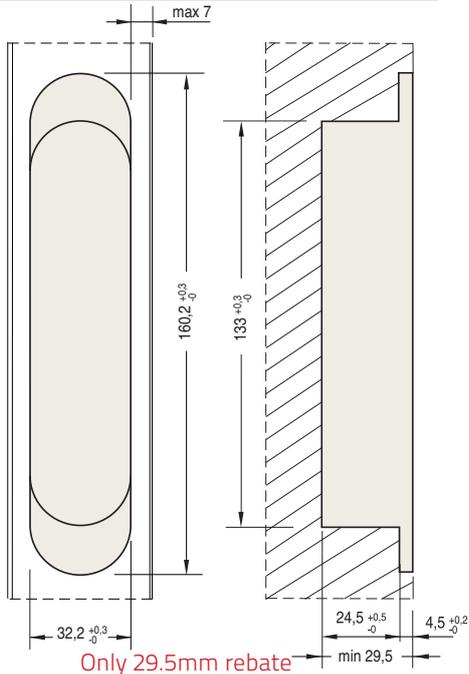


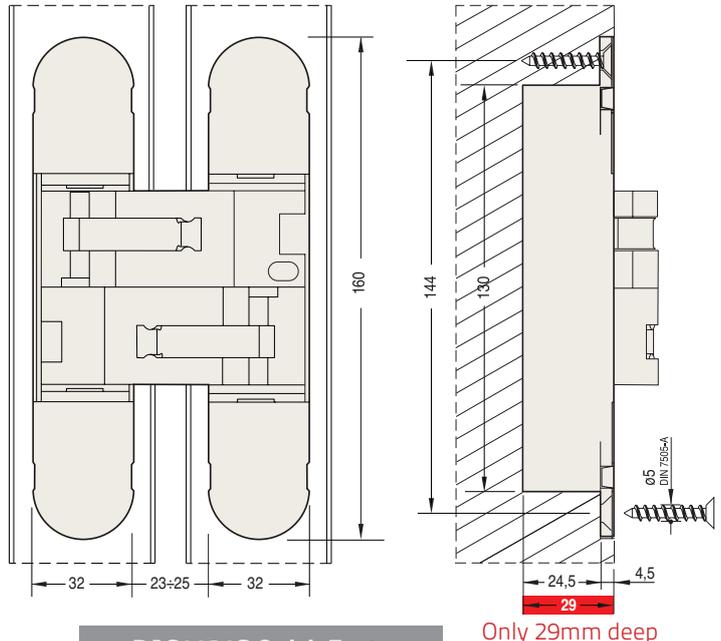
3D Concealed Hinge BAC1131S Technical Data

Fully Adjustable: Max 150kg (based on door 2040 x 900mm)

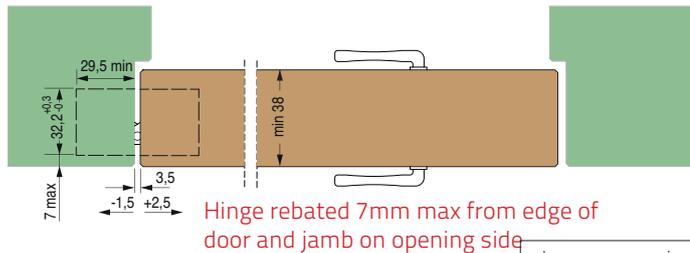
Timber Rebate Measurements



Hinge Measurements



BAC1131S Diagrams



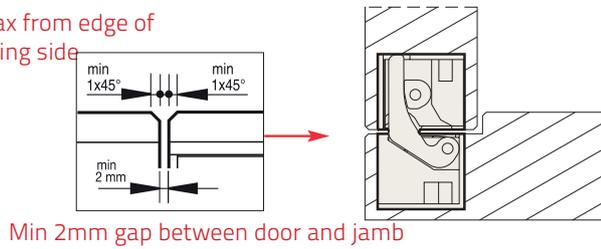
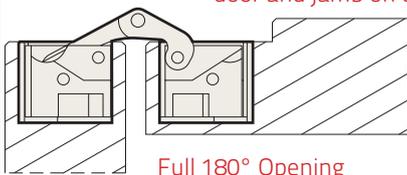
BAC1131S Quick Facts

- 3D adjustable
- CEAM quick release system
- 100% Made in Italy for over 50 years
- Suitable for high frequency opening doors
- Jig & router template available for easy of 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.

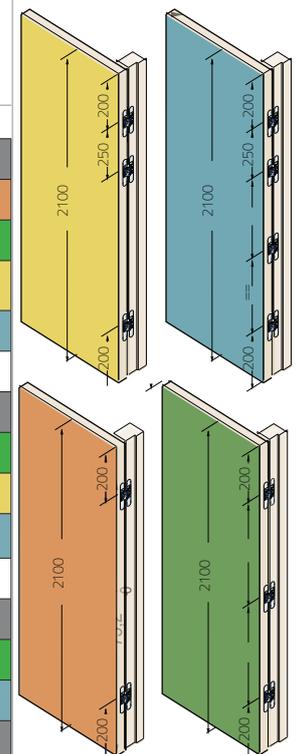
Hinge Position

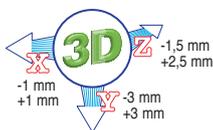
- 2 hinges per door
- 3 symmetrical per door
- 3 asymmetrical per door
- 4 hinges per door



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

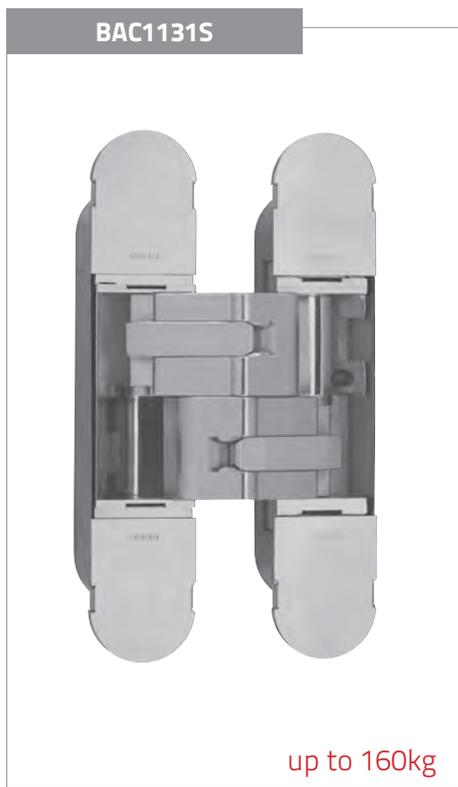
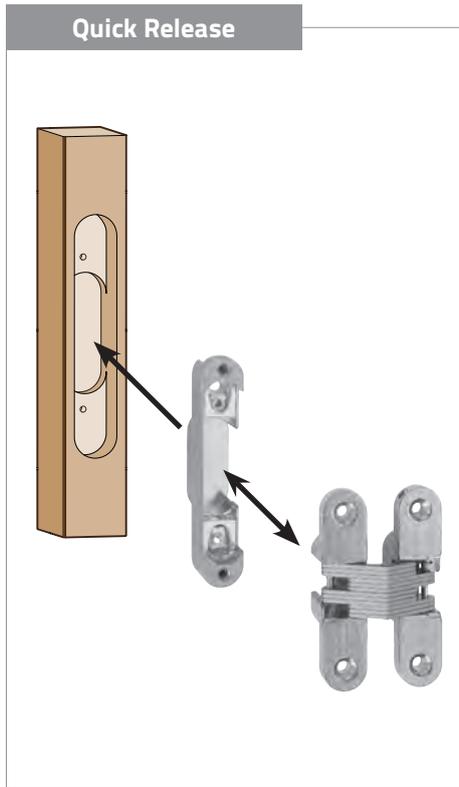
0 > door < 2100 mm		Max Door Weight in KG					
2 Hinges	n.a.	60	70	80	85	90	100
3 Symmetrical hinges	n.a.	90	108	120	125	130	140
3 asymmetrical hinges	80	98	112	130	135	140	150
4 Hinges	90	105	120	140	150	156	160
2101 > door < 2700 mm		Max Door Weight in KG					
3 Symmetrical hinges	80	90	95	105	115	120	125
3 asymmetrical hinges	90	100	110	120	130	135	140
4 hinges	95	110	120	130	140	145	145
2701 > door < 3200 mm		Max Door Weight in KG					
3 Symmetrical hinges	70	75	80	90	100	105	110
4 hinges	80	90	105	110	120	130	135
Max door width in mm	1201-1300	1101-1200	1001-1100	901-1000	801-900	701-800	601-700





3D Concealed Hinge BAC1131S Functional Data

Fully Adjustable: Max 150kg (based on door 2040 x 900mm)



The BAC1131S 3D adjustable concealed hinge is revolutionary in its design and is rated to carry a 160kg door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC1131S 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, 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 BAC1131S 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 BAC1131S, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.

S.T.A.R.S.

BAC1131S Quick Facts

Min. door thickness	38mm
Max. door weight	160kg (subject to door size & weight)
Narrow timber rebate	29.5mm
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



BAC1131S Order Codes

BAC1131SSI	Silver
BAC1131SNI	Polished Nickel
BAC1131SPB	Polished Brass
BAC1131SBZ	Bronze
BAC1131SBL	Black
BACJIG-BACT1131S	Jig & hinge template (rent or buy) pg.45-47