

SERIE 3000 FLAT HINGE

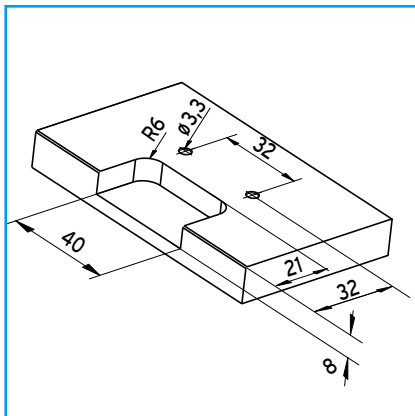
Special single pivot hinges

Technical information

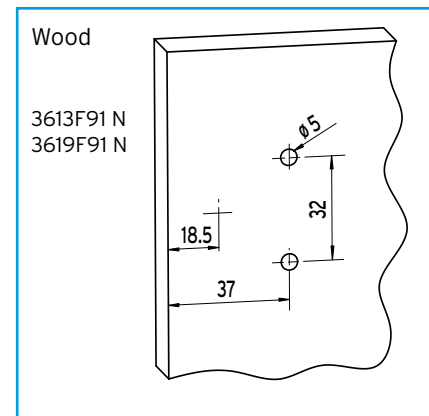
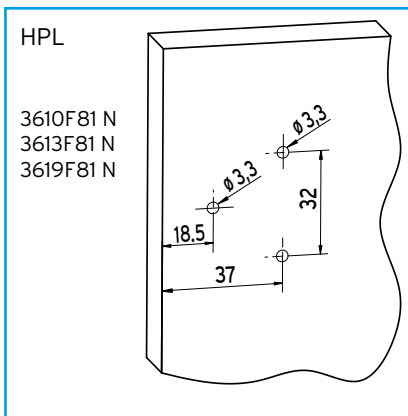
- Visible knuckle of 5 mm
- Opening up to 270°
- Height adjustment in the door part ± 2 mm, easy to activate
- Door overlay can be continuously adjusted on the base plate in both directions $+1 - 2$ mm, the hinge knuckle sticks with the door edge, no gap between knuckle and door
- Depth adjustment ± 1 mm
- Security screw on the base plate is pre-mounted in the factory and has no influence on the lateral and height adjustment
- Cup and base plate strongly axled
- Overlay and half-overlay application for 10, 13 and 13 mm carcass
- Door thicknesses 10 and 13 mm
- Free interior space for drawers and modular systems (no door protrusion at 140° opening and more)
- All versions with catch
- Secured axle
- Wear resistant, heavy duty plastic bearing
- Execution in precise zinc die casting, nickel plated (other finishes available as well)

Tested in accordance with ANSI Grade 1, details see page 4

Drilling pattern for door



Drilling pattern base plate

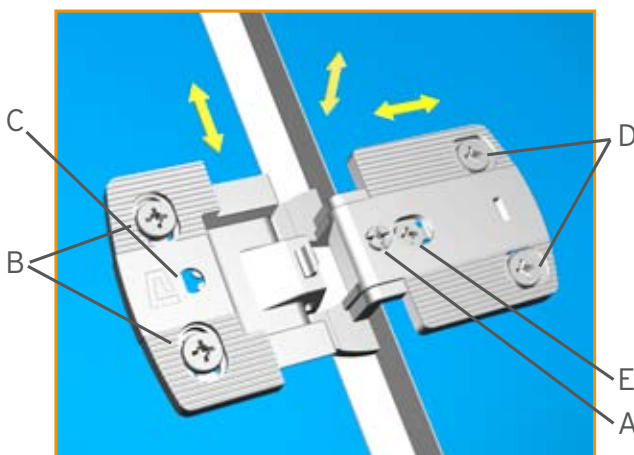


Screw fastening:

In HPL with self-tapping screws with special anti-corrosion protection finish (is integrated into the price)

in wood through expansion dowels with pre-mounted screws

Tips for correct application and number of hinges see page 6



Door overlay adjustment

In turning the screw A adjust continuously the overlay in both directions

Height adjustment

Loosen screws B
Activate the height adjustment by pushing with screw driver into window C
In turning the tool continuously adjust the doors (± 2 mm)

Depth adjustment

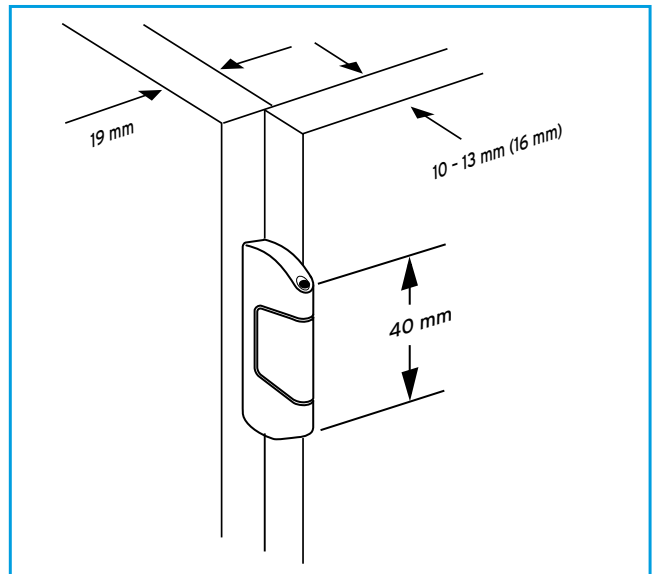
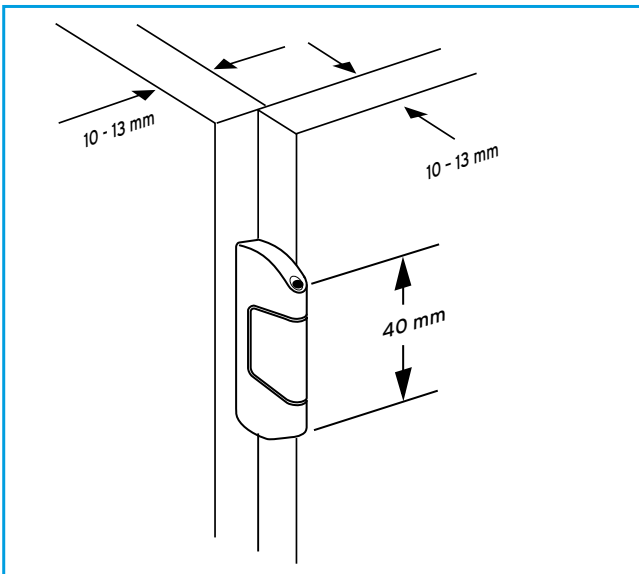
Loosen screws D and E and adjust manually in the prolonged hole




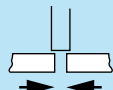







Security screw E has to be put into place during the door mounting. 3D adjustment is not affected by that.

SERIE 3000 FLAT HINGE

Special single pivot hinges

- Special hinge for thin doors and compact boards (HPL)
- Flat design- advantageous for modular systems
- Cutting edge 3D adjustment
- Outstanding quality and long durability



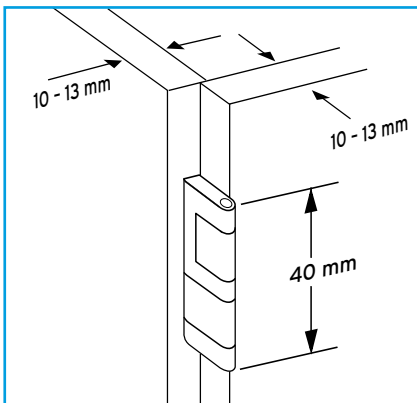
							NORM
3610F81 N		50	270° 240°	6	9,5 / 3,5	10 / 10-13 13 / 10-13	ANSI
3613F81 N		50	270°	6	13 / 7	13 / 10-13	ANSI
3619F81 N		50	270°	6	19 / 13	19 / 10-13	ANSI
3613F91 N		50	240°	6	13 / 7	19 / 10-13	ANSI
3619F91 N		50	270°	6	19 / 13	19 / 10-13	ANSI

Self tapping screws are integrated into the price

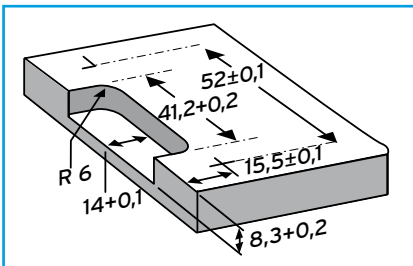
FLAT HINGE

Special single pivot hinge

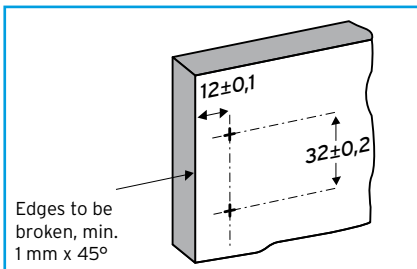
- Special hinge for thin doors and compact boards (HPL)
- Flat base plate, only 4,5 mm high - suitable for modular systems
- Full overlay, half overlay and twin application
- Opening up to 240°
- Knuckle of 5 mm



Door drilling pattern





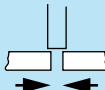




Base plate drilling pattern



Recommended fastening with self tapping screws 3,9 x 9,5 mm (Pre-drilled hole Ø 3,3 mm) with special anticorrosion protection finish.



- With catch
- Door overlay adjustment - 1 mm
- Height adjustment ± 2 mm
- No door protrusion at 140° opening and more
- Hardened steel axle, based 4 times in polyamide bushings - maintenance free
- Secured axle
- Robust precision zinc die casting, standard version nickel plated, black finish or corrosion resistant finish on request
- Available also in stainless steel

						NORMA
364FL51 N		100	240°/270°	6	7,5 / 2,0 * 9 / 3,5	10 / 10-13 13 / 10-13 ANSI ANSI
365FL51 N		50	180°	6	9 / 3,5	13 / 10-13 ANSI
364FL D 1,5		50	Spacer	* for 10 mm boards in combination with spacer D 1,5 mm		

Self tapping screws are included into the price