



DOMINA HP HINGE, CORNER

Functions

Surface mounting corner hinge, 2-wing version for heavy doors made of aluminium.

Adjustable in three directions.

For combination with counterplate kit, with expansion dowels for single-groove profiles and with M12 direct fixing screw for thermal break profile (sash side only).

Online data sheet



Technical Features

Hinge suitable for doors subject to intensive use (use category 4* - heavy duty use) with high resistance to fatigue and wear (durability grade 7* - 200,000 test cycles). Ideal for the assembly of doors characterized by large dimensions, heavy weight and intensive use.

Adjustable in 3 directions with or without door installed:

- micrometric side adjustment (± 2.5 mm) with door installed, obtainable by turning the side adjustment screw located in the sash hinge cartridge. The locking grub screw, located on the sash hinge, locks the side adjustment cartridge in the chosen position.

- compression micrometric adjustment (± 0.5 mm), obtainable by turning the bushing of the frame hinge (adjuster key art.05053). The special plug locks the compression adjustment, leaving access to the height adjustment.

- micrometric vertical adjustment (0/+4 mm), obtainable by turning the grub screw located at the bottom of the frame part of the hinge

The frame hinge component is equipped with centering bushes.

The internal parts of the hinge are completely preassembled in two groups:

- pin cartridge for side adjustment
- cartridge with thrust bush for height and compression adjustments

The screw concealer plate of the frame hinge leaf cannot be removed from the outside and the screw concealer plate of the sash hinge leaf is secured by a pull screw driven from the inside, likewise removable only with the sash open (tamper-proof).

The hinge can be combined with counterplate kit, with expansion dowels for single sealed unit profiles and with M12 direct fixing screws for thermal break profiles.

Profile can be prepared with $\varnothing 11$ mm holes (for all fixing systems) using drill template item 05050.

The hinge is supplied with two M8 screws of dissimilar length that replace those supplied with the kit selected for fixing to the frame profile.

The locking clip, item 05051, facilitates the operation of fixing the screw-cover plates to the hinge.

* Complies with EN 1935

Materials

Extruded aluminium hinge bodies and screw-cover plates

Zamak pin cartridge and eccentric bush cartridge with GS Silver Plus finish (up to 500 h corrosion resistance)

$\varnothing 12$ pin, stainless steel

Side adjustment screw made of treated steel ensuring high resistance to corrosion

Centering bushes, zinc-coated steel

Thrust bush, acetal resin

Grub screw and vertical adjustment setscrew, stainless steel

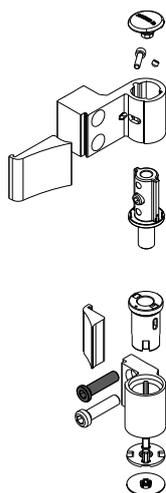
Polyamide concealer caps

Screw concealer plate fixing screws, zinc-coated steel

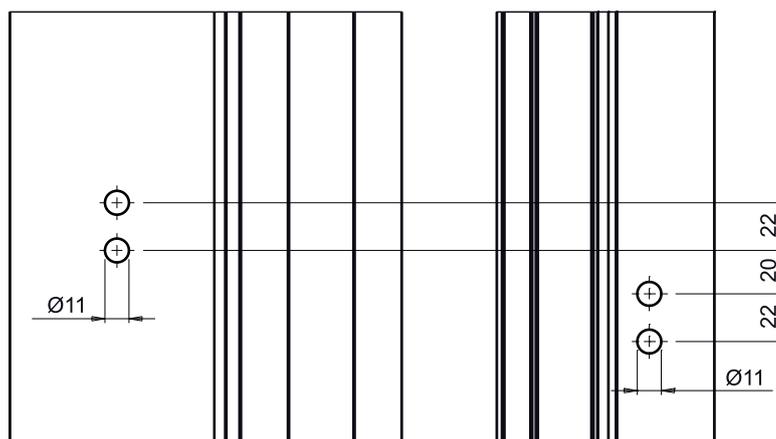
Capacities

120 kg with two hinges

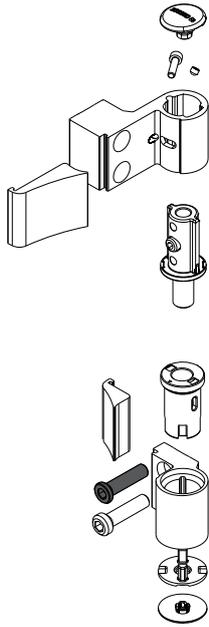
140 kg with three hinges



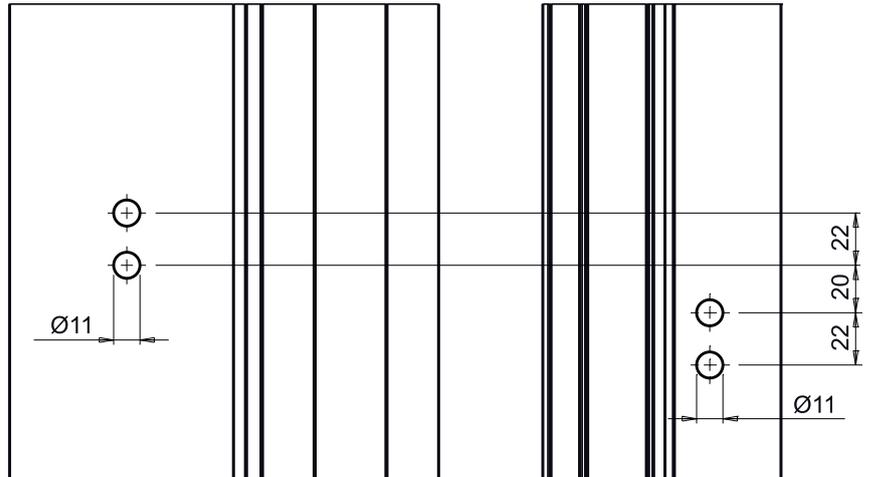
Machining on profile



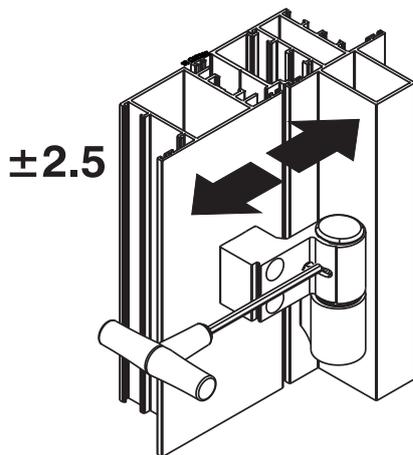
FRONTAL APPLICATION DOOR HINGES



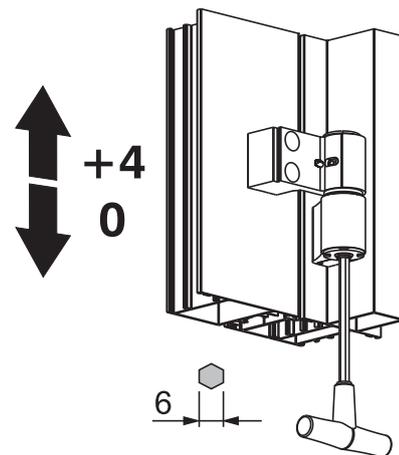
Machining on profile



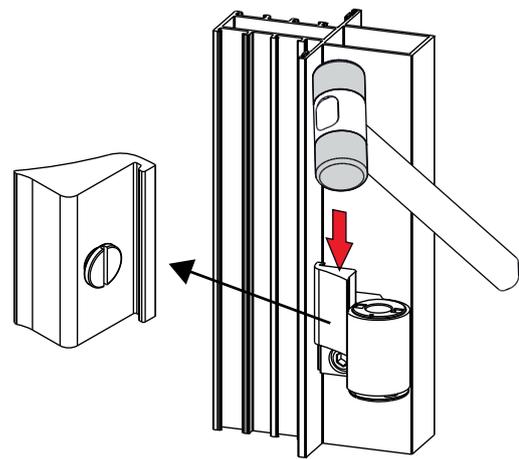
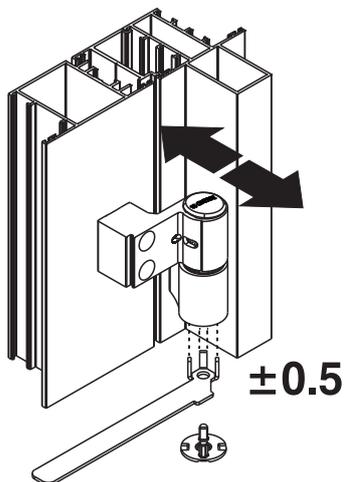
Side adjustment

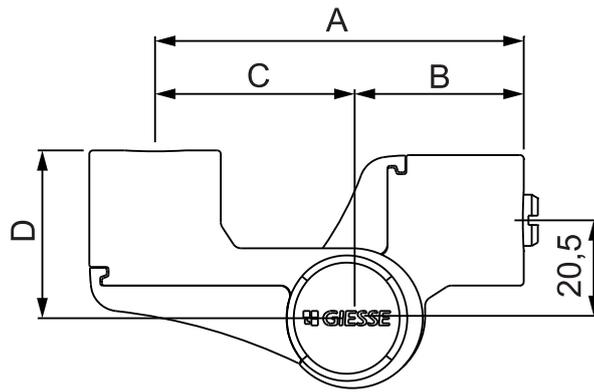


Height adjustment



Compression adjustment





Item code	Description	Version	C/C distance A [mm]	B [mm]	C [mm]	Lift D [mm]	load capacity 2 hinges [kg]	load capacity 3 hinges [kg]	CE marking	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
05180N	DOMINA HP CORNER	2 leaf	62,5	20,5	42		120	140	Class 13	X	X	X		10
05182N	DOMINA HP CORNER	2 leaf	78,5	36,5	42	36	120	140	Class 13		X	X		10