



Innovations in the field
of protection components



Panel support clamp



Material

Glass-fibre reinforced polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

Colour

RAL 7042 grey, matte finish.

Pads

Thermoplastic elastomer, hardness 70, Shore A, overmoulded.

Adjusting spacers (included in the supply)

Polyamide based (PA) technopolymer, RAL 7042 grey colour clamp, for fastening panels with thickness higher than 4 mm.

Once it is engaged in the housing, the spacer is constrained to the clamp by means of an undercut.

Assembly of the clamp on the profile

- M6 shorted cylindrical head screw with DIN 7984 hexagon socket (fig. 1).
- DIN 933 M6 hexagonal head screw (fig. 2).
- DIN 439B or DIN 934 M6 hexagonal nut (fig. 3).

Features and applications

The product is in compliance with the Machine Directive (2006/42/CE) that provides for the unlosability of all the clamp elements in the opened position too.

The two parts of the tightening clamp are connected thanks to an articulated joint and they have got a seat for housing a screw and a M5 nut, which are unlosable as well.

The special dimensions of the clamp allow its assembly on profiles with a width of 25 mm or higher.

The panel assembly into the clamp require no drilling.

The pads deform upon tightening to guarantee the perfect fastening of the inserted panel.

The chemical bond of the overmoulded pads makes them a single body with the clamp. The embossed surface avoid any possible sticking of the pad to the panel over the time.

The tightening clamp allows a direct assembly of panels with thickness from 3.1 mm to 4 mm. The assembly of panels with higher thicknesses, up to a maximum of 8 mm, is possible by inserting the spacers into a specific cavity provided in the clamp.

Technical data

If the clamp is opened, the tightening screw does not yield to an extraction force of 250 N, without coming out from its housing.

The tightening screw of the panel and the assembly screws of the clamp on the profile have got the same hexagonal seat. Thus, it is possible to make the assembly by using only one hexagonal key (Ch.4).

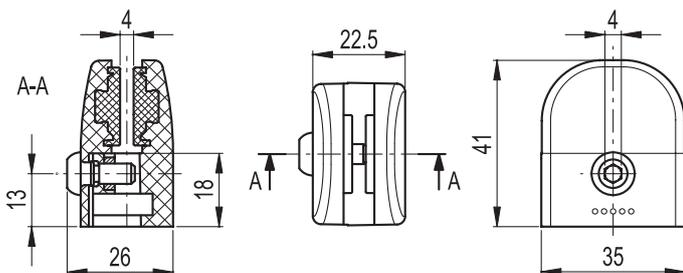
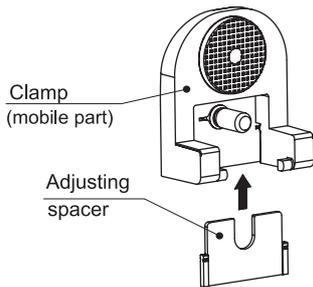
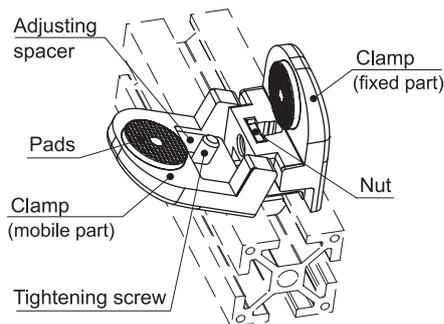
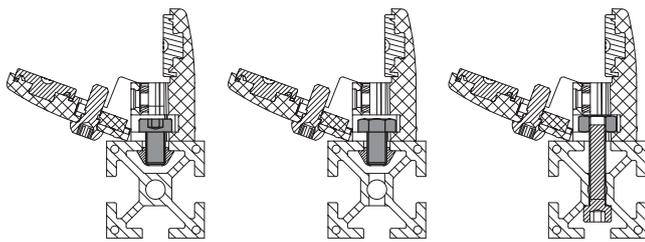
Maximum tightening torque for the screw = 3.5 Nm.



Fig.1

Fig.2

Fig.3



Standards Elements		⚖
Code	Description	g
49301	PC.35	31

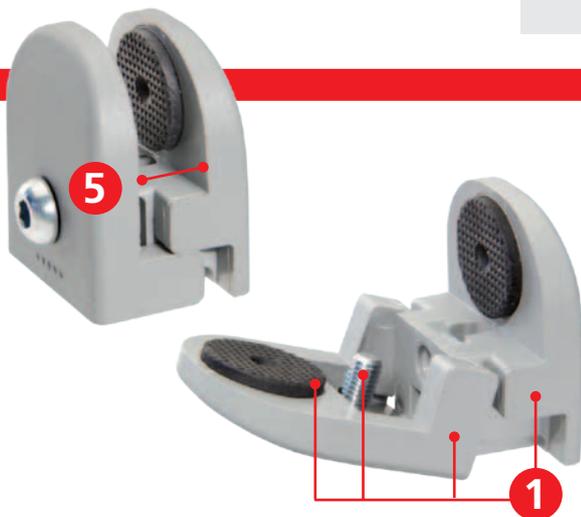
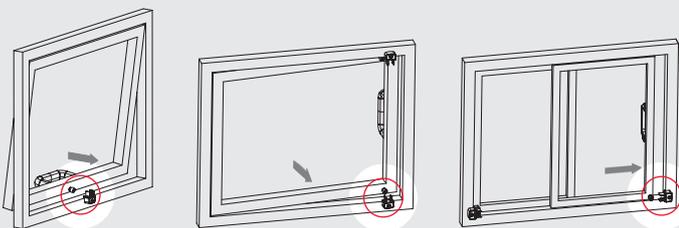
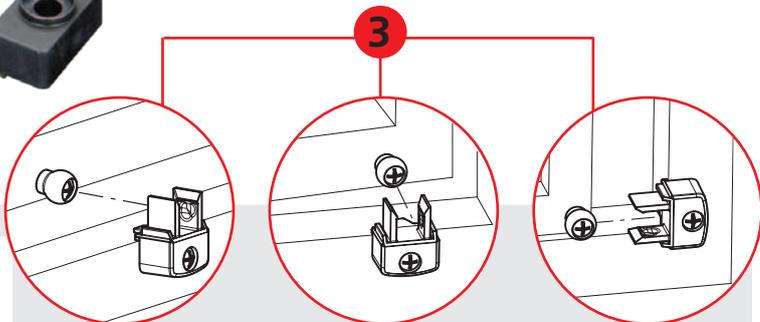
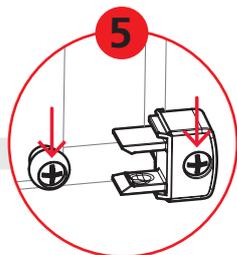
s panel thickness [mm]	Adjusting spacer to be used
$3.1 \leq s < 4.1$	-
$4.1 \leq s < 5.1$	5mm
$5.1 \leq s < 6.1$	6mm
$6.1 \leq s < 7.1$	7mm
$7.1 \leq s < 8.0$	8mm



BPS

Ball-shaped door lock

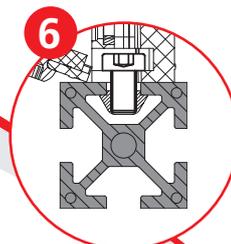
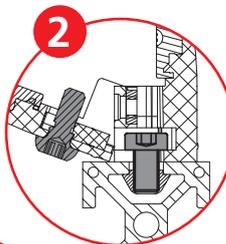
1. anticorrosive materials
2. effective coupling: tested for more than 20.000 cycles
3. flexibility of positioning on different types of doors
4. spacers for adapting to the thickness differences between frame and door
5. easy assembly (two screws)
6. no need for lubrication



PC

Panel support clamp

1. retention of clamping elements in the open position, in compliance with CE standard
2. easy assembly by hexagonal key
3. elastomer overmoulded pads
4. no need for panel drilling
5. suitable for panels from 4 mm to 8 mm (nominal)
6. suitable for profiles with a width of 25 mm or higher



ELESA S.p.A.
Via Pompei 29
20900 Monza (MB) ITALY
Phone: +39 039 28 11.1
Fax: +39 039 83 63 51
www.elesa.com
info@elesa.com

OTTO GANTER GmbH & Co.KG
Triberger Straße 3
78120 Furtwangen GERMANY
Phone: +49 7723 65 07 130
Fax: +49 7723 65 07 165
www.ganter-griff.com
info@ganter-griff.de

www.elesa-ganter.com