

Light duty One Piece TurnLock - LOPTL series

This type of fastener is best described as a Turnlock Captive Panel Latch that exists out of 1 piece.

The parts are a non-corrosive, non-conductive alternative to metal types. It is installed by inserting into the prepared holes in both panels and driving the head section into the body with a hammer.

By turning the plunger 90 degrees, the receptacle expands and insures that the bottom panel is locked.

Typical applications for this Turnlock include cabinets, domestic appliances, motor vehicles and metal enclosures.

Yield strength of 66 Mpa (=6.8 kgf/mm²)

Charpy notched impact strength of 8 kJ/m²


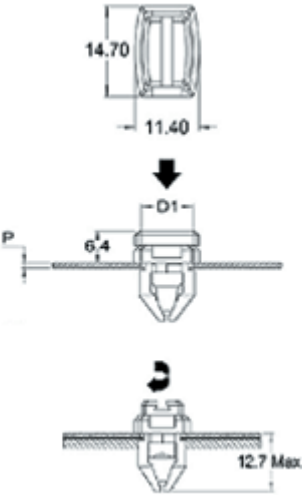
SQUARE HOLE

D1 = 9.0 x 9.0 mm = hole diameter stud

D2 = 9.5 x 9.5 mm = hole diameter receptacle

P = 1.0 – 1.4 mm

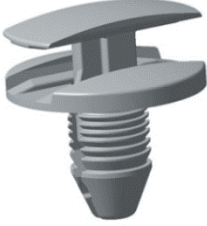
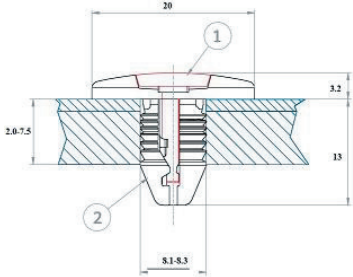

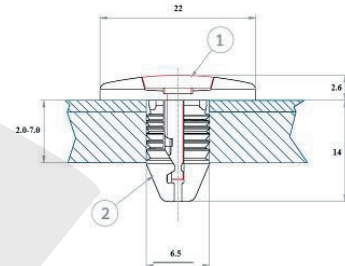

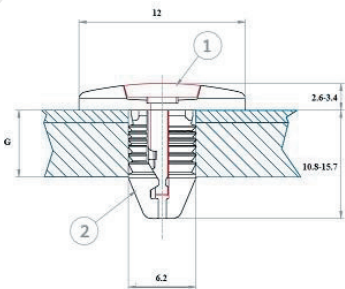
F = 1.0 – 2.8 mm = thickness of the panel where the receptacle is located

Style	Dimensions	Materials / Finish	°C	Part N°
Slotted Recess Head 		Acetal White Optional Colours: Natural, Black	-25 up to +90	LOPTLS-1014P

Light duty One Piece Fast Install TurnLock – LOPFITL series

This type of fastener is best described as panel pins – push or screw to lock rivet to hold two panels together.

These fasteners are typically used for panels where you don't need a lot of force and only need to open the panels 10-12 times in a lifetime.

Style	Dimensions	Materials / Finish	°C	Part N°
Rectangular Push Head 		Plastic PA66 Black Plastic PA66 Gray	-25 up to +90 -25 up to +90	LOPFITLRP-2075PB LOPFITLRP-2075PG
Circular Push Head 		Plastic PA66 Black	-25 up to +90	LOPFITLCP-2070PB
Screw In Head 		Plastic PA66 Black (T= 2.0 – 5.8) Plastic PA66 Black (T= 5.8 – 10)	-25 up to +90 -25 up to +90	LOPFITLSI-2058PB LOPFITLSI-5810PB

We also have the following styles available:

