

Introducing the innovative technology to replace nuts & screws

TORSION CLIP



Assembly time reduction





KEY FEATURES





Multiapplications

Ergonomic

Robust

Reusable





Torsion Clip **TOP FAMILY**

Different designs exist to create strong and robust assemblies by fastening and dismounting from the head of the torsion clip.

STANDARD

THREE

DESIGNS

FLAT

DISASSEMBLY

The Torsion Clip Top family can be dismounted

by using a standardized tool with a quarter turn

SELF-CENTERING

ASSEMBLY

The Torsion Clip Top family can be pre-assembled and is ready to use in its delivery position. Assembly is achieved by manually sliding / pushing the part into the hole.





in the head of the part.





Insertion force: < 45 N (30 N on painted hole) Holding force: > 500 N (up to 600 N) Minimum thickness: 0,7 mm **Rectangular hole sizes:** 6,2x12,2 / 8,2x16,2 / 8,2x20,2 mm Oblong hole sizes: 16,2x32,2 / 20x45 mm



ASSEMBLY

The part is clipped into a doghouse of the door panel. To assemble, the part is simply pushed into the corresponding hole in the metal door frame.







Other dimensions & designs on request 1 daN = 10N



The torsion bar is situated in the head of the part. This means that everything turns, except the head which stays rigid in the doghouse. The dismounting is made by the side of the part for applications where the access can be difficult.



Insertion force: < 45 N (30 N on painted hole) Holding force: > 500 N (up to 600 N) Minimum thickness: 0,6 to 1,2 mm **Oblong hole sizes:** 8,2x16,2 mm

Torsion Clip REVERSE FAMILY

In the case where the part can not be disassembled on the head, the reverse design is the right alternative solution.



WATERTIGHT

WITH METAL INSERT

ASSEMBLY

The part is slid into the doghouse. Once in position, it can simply be pushed into the corresponding hole in the sheet metal.





DISASSEMBLY

bottom of the part using a standard tool.

To dismount, a quarter turn is made at the

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2
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TECHNICAL FEATURES Ē

clip!

Insertion force: < 45 N (30 N on painted hole) Holding force: > 500 N (up to 600 N) Minimum thickness: 0,7 mm Rectangular hole sizes: 9,2x18,2 mm



Other dimensions & designs on request 1 daN = 10N

Global Fasteners





Provide **smart**, **innovative plastic fastening solutions** for the automotive industry based on deep application knowledge, supporting the transition to sustainable driving.

Closely work with our customers from the first steps of the design project to supply high value-creating solutions that make assembly **easy, simple, cost-effective.**





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