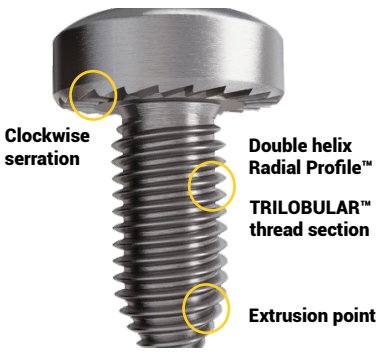
TECHNICAL DATA SHEET
FASTITE® 2000™

When to choose FASTITE® 2000™ screws?

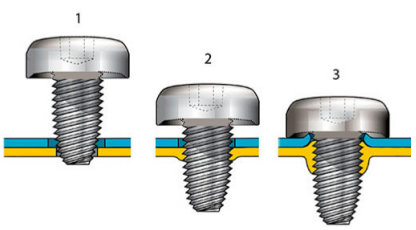
FASTITE® 2000™ thread forming screws have been specially developed for the **assembly into untapped thin metal sheet,** guaranteeing joint compression without risk of stripping.
FASTITE® 2000™ TRILOBULAR screws provide excellent opportunities for **overall cost reduction while providing high pull-out and vibration loosening resistance.**

Benefits and features of FASTITE® 2000™ screw



- Twin-Lead thread provides **high stripping resistance** and allows for **faster assembly process.**
- TRILOBULAR® thread section provides **low threading torque and improves ergonomics.**
- Fully threaded shank avoids clipping when joining thin metal sheets.
- The special extruding point ensures an **excellent alignment of screw** and hole finding, providing a **secure and tight assembly.**
- Optimized thread engagement provides **high pull-out and vibration loosening resistance.**
- Reduction of overall assembly costs by eliminating tapping process and sheet metal extrusion.
- **Profitable and cost-effective alternative to** expensive solutions such as inserts or clinching nuts.

How do FASTITE® 2000™ screws work?



FASTITE® 2000™ TRILOBULAR® screws have been specially designed for the assembly into untapped holes in thin aluminium and steel sheets.

1. Twin-lead helix: Provides starting stability.
2. The special extruding point increases the thread engagement length during screw insertion.
3. Increased core diameter approaching the underside of the head causes additional forward and backward extrusion to increase thread engagement.

Main FASTITE® 2000™ screws applications

FASTITE® 2000™ screws eliminate the risk of stripping of assemblies into untapped thin aluminium and steel sheets.

- Automotive
- Electrical cabinets
- Robotics
- LED lighting components
- Small households appliances
- Metallic constructions

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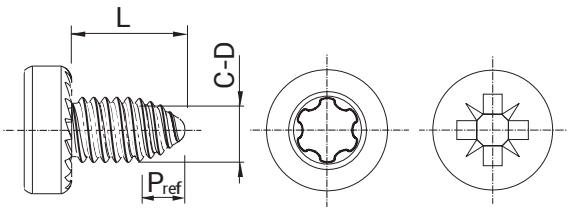
Dimensional Data



Screw diameter	Pitch	C_{max}	D_{max}	$P_{ref.}$ Extruding point	Pozi	TORX®	TORX Plus®
2.5	0.45	2.52	2.48	2.03	Z1	T8	8 IP
3	0.5	3.02	2.97	2.25	Z1	T10	10 IP
3.5	0.6	3.52	3.46	2.70	Z2	T15	15 IP
4	0.7	4.02	3.95	3.15	Z2	T20	20 IP
5	0.8	5.02	4.94	3.60	Z2	T25	25 IP
6	1	6.03	5.93	4.50	Z3	T30	30 IP

Note: Dimensions in mm. Unless expressly stated, the values shown are nominal. For tolerances and other data, please contact our technical department

Screw design specifications

We produce customized FASTITE® 2000™ screws to fit your exact requirements. To improve their functionality, FASTITE® 2000™ screws can be produced under different head designs, recess, dimensions and coating configuration.

Additionally, we offer a wide range of FASTITE® 2000™ screws in stock for immediate delivery.

Further information at: **www.celofasteners.com**
Contact us by E-mail: **celo@celo.com**

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