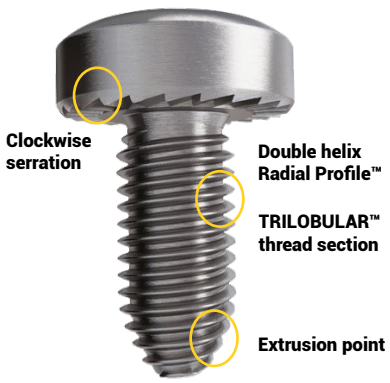
When to choose FASTITE® 2000™ studs?

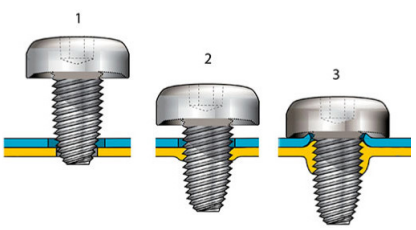
FASTITE® 2000™ thread forming screws have been specially developed for the assembly into untapped thin metal sheet, guaranteeing joint compression without risk of stripping.
FASTITE® 2000™ TRILOBULAR screws provide excellent opportunities for overall cost reduction while providing high pull-out and vibration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

FASTITE® 2000™ screw - Features & benefits



- 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™ studs?



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

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

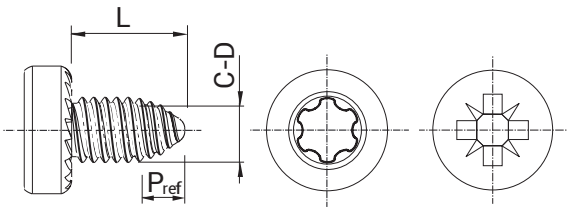
Main FASTITE® 2000™ applications

Assembly of cooktops components.

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

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**