

# FASTITE® 2000™

## Screw for metal

### The right solution for thin sheet metal applications.

Today's assembly solutions for thin sheet metals are limited and are often not designed to meet both joint performance requirements and cost efficiency.

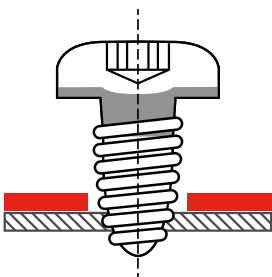
FASTITE® 2000™ screws create a strong mechanical joint with excellent thread engagement into untapped thin sheets and provide a cost-effective joint with increased failure torque and resistance to stripping when compared to other fastener types and assemblies.

### Main Properties

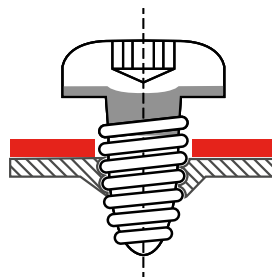
- Tapered thread root adjacent to the screw head to maintain thread major diameter close to the head
- Undercut feature to increase assembly failure torque
- Unique RADIUS PROFILE™ thread design combined with twin-lead helix angle to provide a mating thread system in which diametrically opposed threads are engaged
- Non cut-off "CA" style point for extruding in small holes having radial percent thread engagements up to 400%
- TRILOBULAR™ screw thread body to provide "resistance to loosening"
- Hexalobe plus drive system as standard to lengthen tool life and ease assembly

### Features

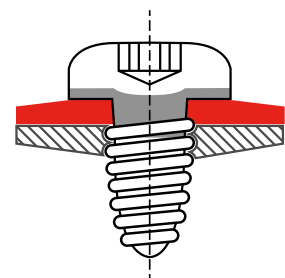
- More effective means of fastening thin sheet metal components
- Overcomes premature stripping in thin sheet metal applications
- Increases assembly failure torque values
- Eliminates the disadvantage of sheet metal deflection
- Ensures the screw head seats squarely to the mating counterpart
- Eliminates under-filled thread crests approaching the underhead
- Provides opposing thread engagement in the sheet metal due to the double lead thread design
- Serrations added to the underhead of the screw to further increase failure torque and resistance to loosening



**TWIN LEAD HELIX PROVIDES STARTING STABILITY**



**FORWARD EXTRUSION WITH DIAMETRICALLY OPPOSED THREAD ENGAGEMENT**



**INCREASED CORE DIAMETER APPROACHING THE UNDERSIDE OF THE HEAD CAUSES ADDITIONAL FORWARD AND BACKWARD EXTRUSION**

FASTITE® 2000™, RADIUS PROFILE™ and TRILOBULAR™ are licensed by CONTI Fasteners AG (CONTI).

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### Ideal applications

- Appliance market: dishwashers, clothes washers and dryers, air conditioners, furnaces
- Metal building: panel assembly with drill-point feature, panel attachment applications
- Automotive: various types of sheet metal, container assemblies and sheet metal attachment applications

### Specifications

- Steel case hardened. Finish: as required to fulfill corrosion resistance requirement (additional lubrication often needed)  
Round large or pan head hexalobe or hexalobe plus (other feature upon request)
- Screw sizes from  $\varnothing$  3 to 8
- Screw length from 8 to 50 mm
- Round large or pan head Hexalobe or Hexalobe plus

### Installation systems

FASTITE® 2000™ is installed using standard installation tools.