

FASTITE® 2000™

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.



Key features

- 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”
- TORX PLUS® Drive System as standard to lengthen tool life and ease assembly

Benefits

- 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 nut member
- Eliminates under-filled thread crests approaching the underside of the head
- Provides opposing thread engagement in the sheet metal due to the double lead thread design
- Serrations added to the underside of the screw head to further increase failure torque and resistance to loosening

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



Range

Steel case hardened, zinc clear to achieve 96 hours resistance to red corrosion (or optional 720 hours)
Screw sizes from \varnothing 3 to 8
Screw length from 8 to 50 mm
Round large or pan head
TORX® or TORX PLUS® drive

Installation systems

FASTITE® 2000™ is installed using standard installation tools



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