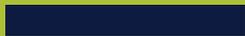


FASTITE[®] 2000[™]



THE SMART ALTERNATIVE

For thin sheet metal assembly

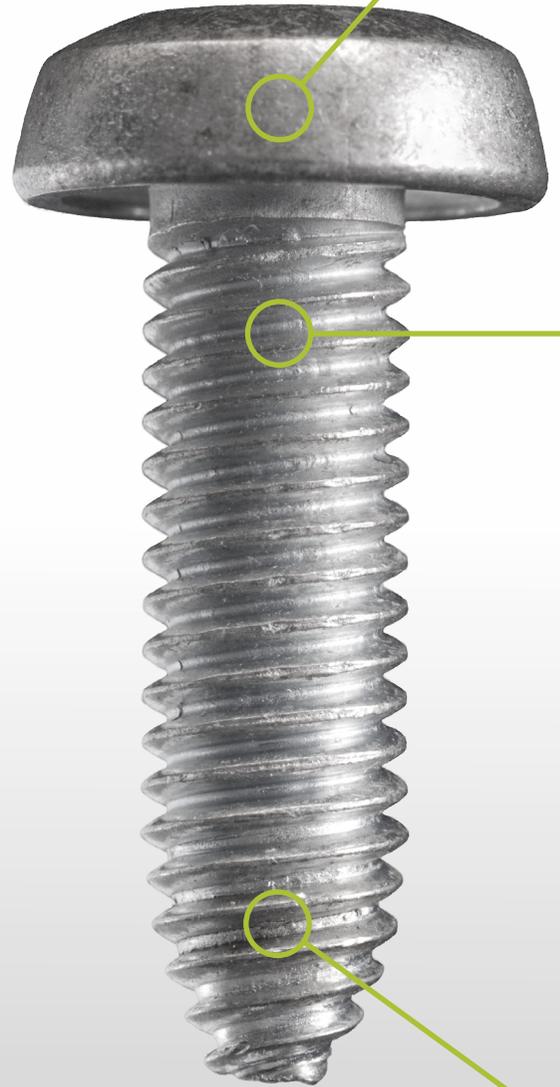
A BETTER CHOICE FOR JOINING THIN SHEET METAL

Efforts to reduce size and weight of thin sheet metal and fasteners have presented a challenge to the assembly experts. Sheet metal less than 1 millimetre thick is not uncommon in a typical cabinet assembly.

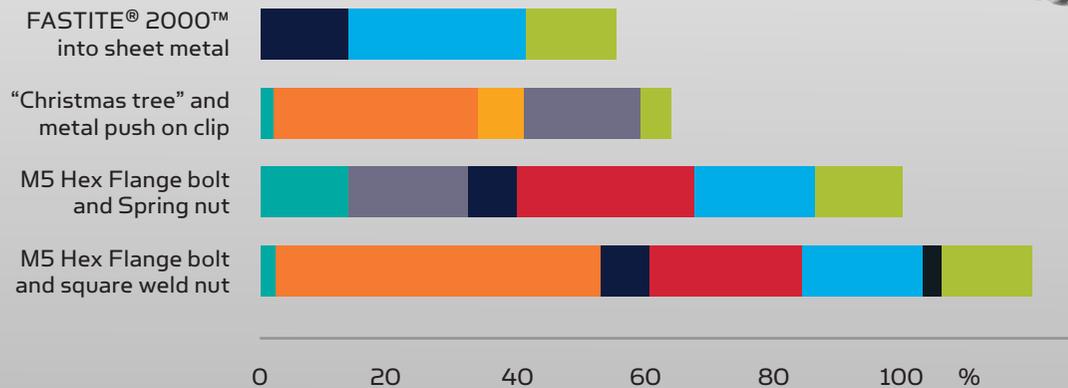
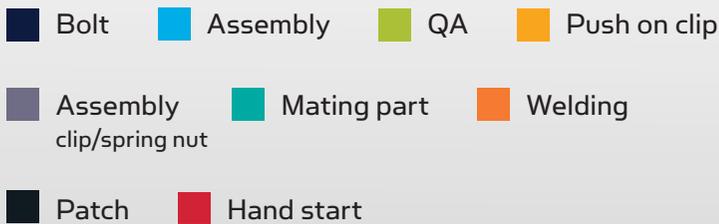
FASTITE® 2000™ thread forming screws were developed to create strong mechanical joints with excellent thread engagement into untapped thin sheets. The unique FASTITE® 2000™ design results in joints with increased failure torque and resistance to stripping.

It's a cost-effective choice for excellent joint quality.

Can you afford not to evaluate the FASTITE® 2000™ potential?



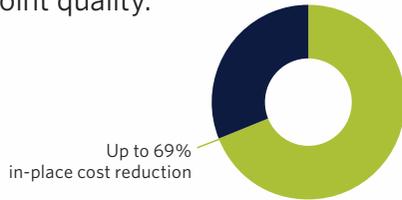
IN PLACE COST INDEX



A MONEY-SAVER

FASTITE® 2000™ is a cost-efficient alternative to standard thin metal sheet assembly concepts. It eliminates the use of weld nuts, which also reduces weight and limits the number of components used in the manufacturing process.

Above all, it reduces QA issues, thanks to its excellent joint quality.



A SMALL SCREW FOR STRONG CONNECTIONS

FASTITE® 2000™ thread forming screws are designed to solve common fastening problems such as screw stripping, fastener alignment and consistent assembly performance.



Standard type ST screws lean over as the screw tends to align with the helix angle of the thread. Stripped threads or loose assemblies result.



FASTITE® 2000™ fastener starts straight and finishes straight, providing a secure, tight assembly. The twin-lead thread centers the fastener in the hole.

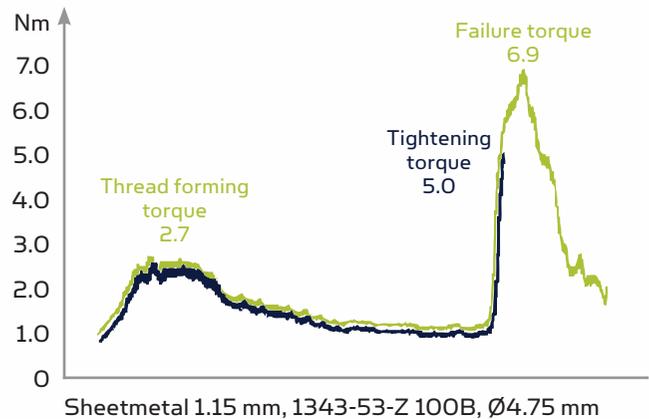
IMPROVED ERGONOMICS

Standard ST screws often have sharp points that can cause injuries to people and be harmful to cables or other equipment in the finished product.

These problems are eliminated when using FASTITE® 2000™ screws.

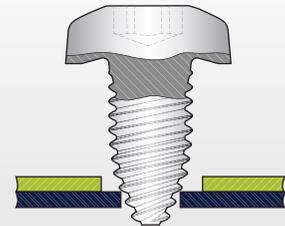
FASTITE® 2000™ AND ASSEMBLY QUALITY CONTROL

FASTITE® 2000™ screws offer good assembly margins compared to traditional screws, and are well suited for torque and angle control. FASTITE® 2000™ screws provide a very robust assembly concept, resulting in a low in-place cost.

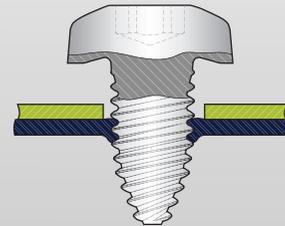


THE FASTITE® 2000™ PRINCIPLE

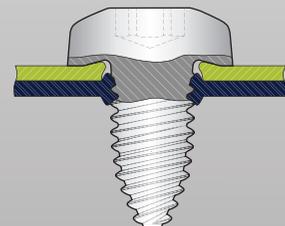
Twin lead helix provides starting stability.



Forward extrusion with diametrically opposed thread engagement.



Increased core diameter approaching the underside of the head causes additional forward and backward extrusion providing increased thread engagement.



THE ANATOMY OF FASTITE® 2000™

1

A tapered thread root adjacent to the screw head maintains major thread diameter close to the head.

2

Undercut and serrated head increases torque by absorbing material extruded by the screw to increase the under head contact area.

3

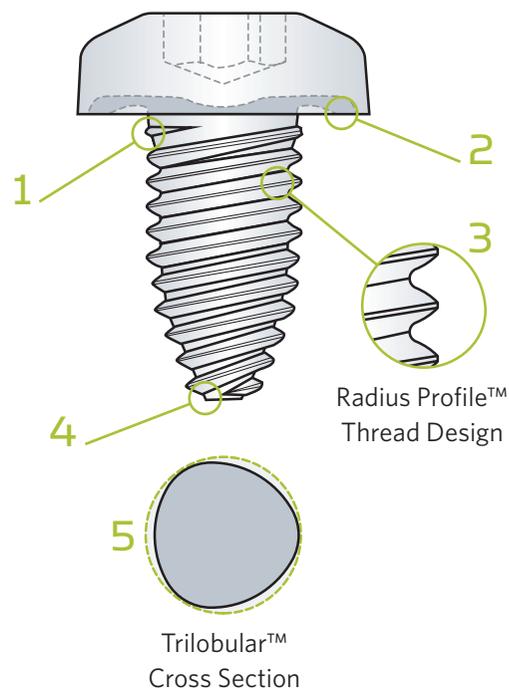
Radius Profile™ thread design combined with the twin-lead helix angle provide a mating thread system whereby diametrically opposed threads are engaged. Aligns fastener so it starts straight.

4

Non cut-off "CA" style point for extruding in small holes.

5

TRILOBULAR™ screw thread body provides resistance to vibration loosening.



Successful employment of FASTITE® 2000™ in screw assemblies involves controlling parameters like pilot hole sizes, materials and friction.

Bulten is happy to assist you in analyzing your application in order to verify that FASTITE® 2000™ can be used to improve your production.

YOUR FULL SERVICE PROVIDER

We are happy to complete your set-up with just the services you require. We're also ready to take charge of the entire chain, from conceptual ideas to deliveries straight into your production line.

As a true full service provider, Bulten is fully equipped to handle anything and everything

concerning development, testing, documentation, production and logistics, always adapted according to our customers' needs. That way, you free up more time to focus on core business applications.

FASTITE® 2000™ is a registered trademark of REMINC, Research Engineering & Manufacturing Inc.

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