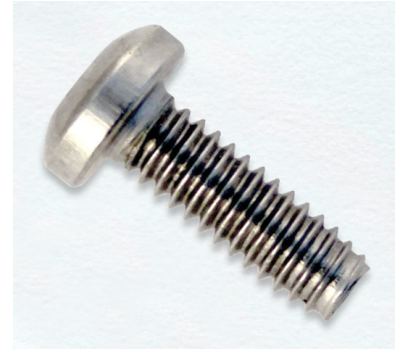


TAPTITE 2000® Fasteners

Overview

TAPTITE 2000® thread forming technology joins two unique concepts and advances fastener performance to new levels.

TAPTITE 2000® fasteners are designed to provide the benefits of prior Taptite® fastener products with an innovative new thread design – the **Radius Profile Thread**. The proven Trilobular principle is maintained while incorporating the Radius Profile thread. The result is a new generation of TAPTITE 2000® fasteners, which provides excellent mechanical, assembly, and ergonomic characteristics surpassed by no other technology.



TAPTITE 2000® Heat Treatment

TAPTITE 2000® bolts perform well in large diameter sizes in deep thread engagements. In the past, the limitations of case-hardened products restricted the exploitation of in-place cost savings for larger diameter Trilobular fasteners. However, TAPTITE 2000® screws and bolts are available with 3 different types of heat treatment: CORFLEX®-I, CORFLEX® N, and case hardened, making the fasteners adaptable to a wider variety of applications.

CORFLEX®-I Heat Treatment

CORFLEX®-I TAPTITE 2000® bolts are neutral hardened to grade strength, metric 8.8, 9.8, 10.9 or any intermediate value. The thread forming zone is selectively induction hardened in order to form threads in untapped nuts.

CORFLEX®-I heat treatment allows TAPTITE 2000® thread rolling bolts to provide in-place cost savings in large structural applications with strength, ductility and toughness equal to grade strength machine screws or bolts. CORFLEX®-I heat treatment to Grade 10.9 level is standard for TAPTITE® 2000® bolts in sizes M6 (1/4") and larger.

CORFLEX®-N Heat Treatment

CORFLEX®-N TAPTITE 2000® fasteners are neutral hardened to grade 10.9 strength level. CORFLEX®-N products are designed to be used in "soft white" metals such as aluminum or zinc alloys. CORFLEX®-N heat treatment can be specified for any size TAPTITE 2000® screws or bolts that are intended to be used in aluminum or zinc alloys.

Case Hardening

Case hardening is the standard heat treatment for all TAPTITE 2000® screws in sizes M5 (#12) and smaller.