

TAPTITE 2000® CA™ Fastener

Item: 1129

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The CA point can be supplied with a sharp point or a slightly truncated blunt point - which is desirable for situations when the sharp point could be a potential hazard to wires, components or assembly line and service personnel.

TAPTITE 2000® CA Fasteners have a gimlet point for use when clearance holes and pilot holes do not align.

The CA point is also good for rapid hole finding, floating nut members or difficult access applications.

TAPTITE 2000® CA Fasteners can be produced with any of our heat treatment processes; case hardened - our standard heat treatment for sizes M5 (#12) or smaller, CORFLEX®-I induction hardened for structural or demanding applications or CORFLEX®-N, neutral hardened non-ferrous applications.

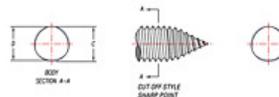
TAPTITE 2000® HEAT TREATMENT

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.



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[Cut Off Style Sharp Point](#)
[Non Cut Off Style Truncated Point](#)
[Heating Treatment](#)

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[Pilot Hole Sizes for Taptite](#)
[Percent Thread Chart](#)

Advantages

Low starting torque and initial end load, desirable features with large diameter fasteners, are provided by a second thread forming taper and by the TAPTITE II® step in the point. Vibration resistant.

Applications

For extremely rapid hole finding; for applications with floating nut members; where clearance and pilot holes are initially out of line; or where a sheet of material (gasket, carpet) must be pierced.