

## Item # item-1132, Metric Series TAPTITE II® Screws and Bolts

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### TAPTITE II® Thread Rolling Screws

TAPTITE II® thread rolling screws have the TRILOBULAR™ shape which reduces friction during thread forming, provides prevailing torque which exceeds the level of locking screws, and most importantly, inherently provides resistance to vibrational loosening.

To utilize the in-place cost savings and performance benefits of TAPTITE II® screws in large sizes in structural applications, the combination of CORFLEX®-I selective hardening is highly beneficial. CORFLEX®- I TAPTITE II® bolts can be used where high-strength grade-strength level bolts are required.

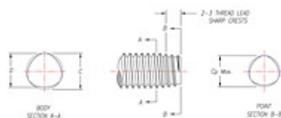
### Reduced In-Place Cost!!

**TAPTITE II® thread rolling screws reduce in-place fastener costs and provide vibration resistant assemblies.** TAPTITE II® thread rolling screws are used to create strong, uniform load carrying internal threads into untapped nut members upon installation. When REMINC developed the original TAPTITE® TRILOBULAR™ shape thread rolling screw, it revolutionized the use of threaded fasteners in high production assembly. Assembly efficiency and joint performance, along with lower in-place fastening cost, have been the benefits of using TAPTITE® screws. TAPTITE II® screws and bolts continue these benefits along with meeting the quality and performance needs of the future.

### Lower In-Place Fastening Costs

Only 15% of the total in-place cost of a fastening is the cost of the screw or bolt. TAPTITE II® screws and bolts lower the cost of the remaining 85%. The following is a list of some of the cost-savings advantages of using TAPTITE II® thread rolling screws.

- Elimination of separate tapping operations and associated costs.
- Built-in resistance to vibrational loosening eliminates the need for lock washers, adhesives, or plastic patches and plugs.
- Generates stronger mating threads with uninterrupted grain flow due to work hardening of the nut for higher stripping resistance.
- Accepts larger pilot hole variations than drilled and tapped holes.
- Works in punched, drilled, cored and extruded holes in many different metals.
- With use of CORFLEX® metallurgy, can be provided in grade strengths of high tensile bolts for use in structural applications in deep thread lengths of engagement.
- No assembly line cross threading.
- Prevailing torque often equals or exceeds locking screw standards.



### DOWNLOADS

Typical Torque Performance of Taptite II

Pilot Hole Sizes for Taptite

Percent Thread Chart

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### Specifications

Screw Size	M2.0 x 0.40 mm
Max. C Dimension	2.06 mm
Min. C Dimension	1.98 mm
Max. D Dimension	1.98 mm
Min. D Dimension	1.90 mm
Max. Point Cp	1.67 mm

### Advantages

Practically eliminates chips. Low drive torque; high strip-to-drive ratio. Excellent resistance to vibrational loosening. Elimination of add-on locking devices. Reusable. Lower in-place fastener costs.

#### **Applications**

All ductile metals, die castings and punch extruded metals.

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