



Our Vibration Resistant Thread (VRT®) is designed to significantly increase back-out torque and reduce the potential for leaks.

VRT® keeps the fastener tighter in applications where expansion, contraction and vibration are a concern.

Independent tests verify that VRT® produces 3 -1/2 times more back-out resistance than a standard thread.



U.S. Pat. No. 8,360,701
Taiwan Pat No. I502140
Europe Pat No. 2286067

BACK-OUT RESISTANT SCREWS

Sizes and Technical Data Sheet

Light Gauge Applications

Maximum Drilling Thickness: .090"

| | Description | Part Number | Carton Quantity | WT Per M Pcs |
|--|---|------------------|----------------------|--------------|
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® CONCEALOR® Pancake Head w/Bonded Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087SPC1CSTSVBW | 2,500 pcs 250/Bag | 13.5# |
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® BLAZER® Flange Head w/Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087HW1CSTSVW | 2,500 pcs 250/Bag | 13.5# |
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® BLAZER® TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087HW1CSTSV | 2,500 pcs 250/Bag | 10.2# |
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® BLAZER® w/Bonded Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087HW1CSTSVBW | 2,500 pcs 250/Bag | 13.5# |
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® BLAZER® Stainless Cap Head w/Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087HW1CSTSVWSC | 2,500 pcs 250/Bag | 13.5# |
| | 1/4" -14 X 7/8" DP1/LAP w/VRT® BLAZER® Zinc Cap Head w/Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14087HW1CSTSVWZC | 2,000 pcs 250/Bag | 13.5# |
| | 1/4" -14 X 1-1/8" DP1/LAP w/VRT® BLAZER® Stainless Cap Head w/Sealing Washer TRI-SEAL™ Coated 1,000Hrs Salt Spray | 14112HW1CSTSVWSC | 2,000 pcs 250/Bag | 19.3# |
| | #17-14 X 1" TYPE AB w/VRT® TAPPER w/Bonded Sealing Washer (3/4"OD) TRI-SEAL™ Coated 1,000Hrs Salt Spray | 17100HWABCSTSVBW | 2,000 pcs 250/Bag | 20# |

Technical Data

Specifications

BLAZER Drill Screws conforms to SAE J-78 for self-drilling tapping screws.

#17 TAPPER conforms to ANSI/ASME B18.6.4 for tapping screws.

Material

Carbon Steel: C1022
Stainless Cap: 304 SS
Zinc Cap: Zamac 5

Tensile Strength

1/4-14: 4,275 lbs.
#17-14: 5,200 lbs.

Torsional Strength

1/4-14: 150 lbs-inch
#17-14: 175 lbs-inch

Corrosion Resistance

TRI-SEAL®
Salt Spray: 1,000 hrs minimum.

Sealing Washers

Flange Head:
EPDM Cut Tubular

Bonded Washer

EPDM Vulcanized to G-90 Galvanized Steel.
(15MM O.D.).

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (0321-1)