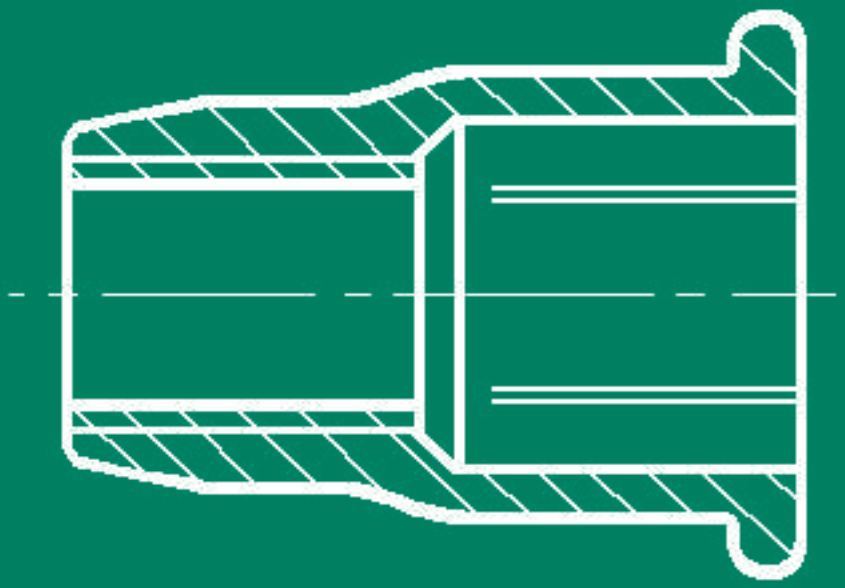
High Strength Hexsert® threaded insert



EXCEPTIONAL TORQUE CAPABILITY

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High Strength Hexsert®

Overview

High strength Hexsert® provides clamp force comparable to weld nuts and clinch nuts in high torque applications. They offer equivalent thread proof load strength to ISO 898 Property Class 10 weld nuts and clinch nuts, and can handle tightening torques commonly applied to Property Class 10.9 and 12.9 screws and bolts.

Key features and benefits

Exceptional torque capability
High speed assembly
Provides high-strength threads in thin materials starting at 0.5mm
Increased thread strength
If excessive torque is applied, the screw shank should fail before the insert, avoiding over-tightening problems such as thread stripping and expensive rework
Installed and retrofitted with standard Avdel® handtools, as well as multi-head and auto-feed robotic systems

Ideal applications

Tubular steel
Hydroformed parts
Magnesium castings
Aluminum extrusions

Range

Sizes: M5, M6, M8, M10 and M12
Large flange
Hexagon

Material & finishes

Steel
Zinc plated to BS 3382 and clear passivated to achieve 240 hours resistance to red corrosion (ASTM B117) Hexavalent Chromium-free

Installation systems

Uses standard Avdel® 742 or 74401 handtool or Autosert® automated system

Avdel® 742 Spin-Pull Insert Hand Tool.
Ergonomic tool for placement of a wide range of threaded inserts

Features
Lightweight and ergonomically designed
One-step trigger
Spin-on, pull-up, spin-off action
Can be suspended or hand-held
Hydro-pneumatic operation
Heavy duty plastic body

Benefits
Meets demands of tough work environments
Quick and simple operation
Minimizes installation costs
Reduces operator fatigue

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Notice:

High Strength Hexsert® is patent pending.

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