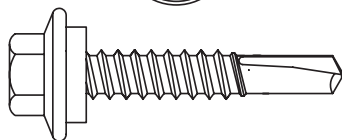


8mm Hex



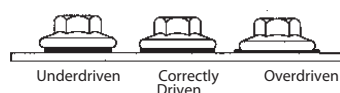
Applications

- Steel framing systems
- Roofing and Insulation systems
- Bracketry to steel
- Flashing
- Composite panels
- Wind posts

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Teks. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500
- Adjust the screwgun nosepiece to properly seat the fastener
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed
- Overdriving may result in torsional failure of the fastener or stripout of the substrate
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread

Properly Seated Washers



Teks®, Climaseal® and Spex™ are trademarks of ITW Buildex and Illinois Tool Works, Inc.

Maxiseal, self drilling fasteners with 15mm integral washer system for fixing to steel 0.9mm - 5.0mm

Technical Data for 8mm Hex Head

| SCREW TYPE | Total length | Diameter | Steel Thickness | Maximum Fixture Thickness* | Eurocode |
|------------|--------------|----------|-----------------|----------------------------|----------|
| MXC26 | 26mm | 5.5mm | 0.9mm - 5.0mm | 12mm | 920023 |
| MXC32 | 32mm | 5.5mm | 0.9mm - 5.0mm | 12mm | 920024 |

*Please note- fixture may require pre-drilling in some applications

Performance Data

Recommended Tensile Values

| Steel Thickness | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|
| 0.9mm | 1.2mm | 1.5mm | 2mm | 2.5mm | 3mm | 4mm | 5mm |
| 0.5kN | 0.8kN | 1.1kN | 1.5kN | 2.4kN | 3.0kN | 3.7kN | 4.4kN |

Recommended Shear Values

| Steel Thickness | | | | | | | |
|-----------------|--------|-------|--------|--------|--------|--------|--------|
| 0.9mm | 1.2mm | 1.5mm | 2mm | 2.5mm | 3mm | 4mm | 5mm |
| 1.14kN | 2.01kN | 2.4kN | 2.92kN | 2.94kN | 2.94kN | 2.94kN | 2.94kN |

Ultimate Fastener Loads

| TENSILE | SHEAR | TIGHTENING TORQUE |
|---------|--------|-------------------|
| 12.35kN | 8.89kN | ≤ 10Nm |

Typical Performance Parameters

Climaseal® Coating

- Climaseal is a high quality metal filled thermoset coating. Climaseal has been uniquely formulated to react and form a complete long life protection to provide the optimum in corrosion resistance properties. Climaseal is self sacrificing to the base substrate if penetrated or damaged. Fasteners coated with Climaseal exhibit excellent resistance most forms of abrasion and torque.
- **Chemical Identification:** Organometallic Polymer
- **Colour:** Silver/Metallic Grey
- **Cure:** Thermoset
- **Typical Film Properties:**
 - Humidity Resistance Excellent
 - Solvent Resistance Excellent
 - Impact Resistance Excellent
 - UV Resistance Excellent
- **Fastener:** TEKS
- **Base Treatment:** Zinc (non-electrolytically applied)
- **Film:** Climaseal (Thermoset Polyester)
- **Test Method:** Salt Spray, ASTM B117 - 720 hrs
Kesternich, DIN50018, 2.0L