



# Maxiseal® - MXHT60, MXHT80 & MXHT100

Composite Panel Screw - Self drilling fasteners



## 8mm Hex



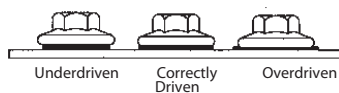
### Applications

- Steel framing 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



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

### Technical Data for 8mm Hex Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Build up Range*	Eurocode
MXHT60	60mm	5.5mm	0.9mm - 5.0mm	28mm - 38mm	921182
MXHT80	80mm	5.5mm	0.9mm - 5.0mm	40mm - 60mm	921551
MXHT100	100mm	5.5mm	0.9mm - 5.0mm	54mm - 75mm	921950

\*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	1.12kN	1.5kN	2.4kN	2.9kN	3.3kN	4.4kN

#### Recommended Shear Values

Steel Thickness							
0.9mm	1.2mm	1.5mm	2mm	2.5mm	3mm	4mm	5mm
1.1kN	2kN	2.4kN	2.9kN	2.9kN	2.9kN	2.9kN	2.9kN

### Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
12.3kN	8.8kN	≤ 9.9kN

### 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

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