

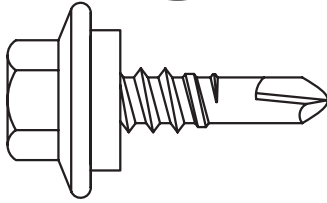


# Maxiseal® - MXS25

## Stitching Screw - Self drilling fasteners



8mm Hex



- Maxiseal, self drilling fasteners with 15mm Integral washer system for fixing to steel 0.45mm - 2.4mm

### Technical Data for 8mm Hex Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Maximum Fixture Thickness*	Eurocode
MXS25	22mm	6.3mm	0.45mm - 2.4mm	8mm	921277

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

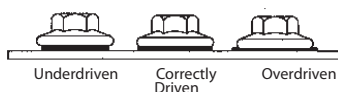
### Applications

- 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



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

### Performance Data

#### Recommended Tensile Values

Steel Thickness							
0.45mm	0.6mm	0.75mm	0.9mm	1.2mm	1.6mm	1.9mm	2.4mm
0.41kN	0.48kN	0.63kN	0.83kN	1.16kN	1.7kN	2.2kN	2.75kN

#### Recommended Shear Values

Steel Thickness							
0.45mm	0.6mm	0.75mm	0.9mm	1.2mm	1.6mm	1.9mm	2.4mm
0.75kN	1.25kN	1.31kN	1.84kN	2.61kN	2.61kN	2.61kN	2.61kN

### Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
18.05kN	11.5kN	≤ 16.5Nm

### 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