

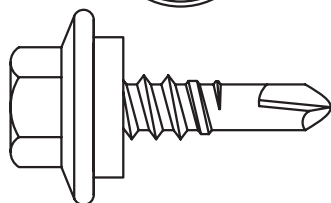


Maxiseal® - MXS16

Stitching Screw - Self drilling fasteners



8mm Hex



Maxiseal, self drilling fasteners with 15mm integral washer system for fixing to steel 0.6mm - 3.2mm

Technical Data for 8mm Hex Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Maximum Fixture Thickness*	Eurocode
MXS16	16mm	4.8mm	0.6mm - 3.2mm	8mm	921262

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

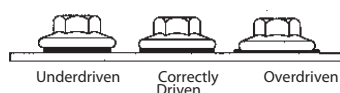
Applications

- 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							
0.6mm	0.8mm	1mm	1.2mm	1.5mm	1.9mm	2.4mm	3.2mm
0.26kN	0.43kN	0.6kN	0.83kN	1.13kN	1.63kN	2.33kN	2.8kN

Recommended Shear Values

Steel Thickness							
0.6mm	0.8mm	1mm	1.2mm	1.5mm	1.9mm	2.4mm	3.2mm
0.52kN	0.86kN	1.07kN	2.13kN	2.26kN	2.26kN	2.26kN	2.26kN

Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
11.9kN	6.8kN	≤ 8.4Nm

Typical Performance Parameters

Climaseal® Coating

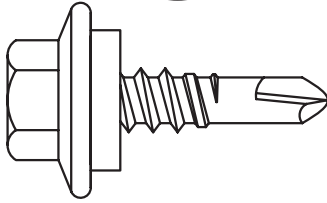
- Climaseal is a high quality metal filled thermoset coating. Climaseal has been uniquely formulated to react and form a complete long life protection to provide the optimum in corrosion resistance properties. Climaseal is self sacrificing to the base substrate if penetrated or damaged. Fasteners coated 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



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

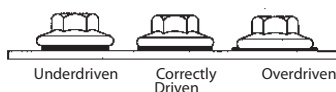
Applications

- 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 Tek's. 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



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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.
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