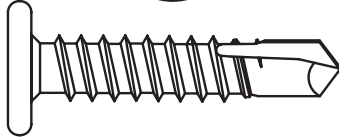




#2 Phillips Square-Drive



Low profile TEK screw for fixing to steel
0.9mm - 5.0mm

Technical Data for #2 Phillips Square Drive Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Maximum Fixture Thickness*	Eurocode
CFC26	25mm	5.5mm	0.9mm - 5.0mm	13mm	921165

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

Applications

- Steel framing systems
- Fixing steel to steel
- Bracketry to steel
- Composite steel decking
- General metal construction

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.
- The fastener is fully seated when the head is flush with the work surface
- 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
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed
- Drive unit 921100 - 2PSD

Performance Data

Recommended Tensile Values

Steel Thickness							
0.9mm	1.2mm	1.5mm	2mm	2.5mm	3mm	3.5mm	4mm
0.54kN	0.66kN	0.88kN	1.35kN	2.39kN	2.88kN	3.34kN	3.9kN

Recommended Shear Values

Steel Thickness							
0.9mm	1.2mm	1.5mm	2mm	2.5mm	3mm	3.5mm	4mm
1.36kN	1.89kN	2.45kN	2.86kN	2.96kN	2.96kN	2.96kN	2.96kN

Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
11.7kN	8.89kN	≤ 10.1Nm

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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