



## #2 Phillips



**CFC16**



**CFC24**

### 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

## → Low profile TEK screw for fixing to steel 0.9mm - 3.0mm

### Technical Data for #2 Phillips Head

SCREW TYPE	Total length	Diameter	Steel Thickness	Maximum Fixture Thickness*	Eurocode
CFC16	16mm	4.8mm	0.9mm - 3.0mm	10mm	921259
CFC24	25mm	4.8mm	0.9mm - 3.0mm	15mm	921165

\*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
0.44kN	0.73kN	1.04kN	1.42kN	2.18kN	2.72kN

#### Recommended Shear Values

Steel Thickness					
0.9mm	1.2mm	1.5mm	2mm	2.5mm	3mm
1.07kN	2.13kN	2.26kN	2.28kN	2.28kN	2.28kN

### Ultimate Fastener Loads

TENSILE	SHEAR	TIGHTENING TORQUE
8.8kN	6.36kN	≤ 7.2Nm

### 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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