

# DrillTech CSLSR - carbon steel rainscreen insulation screw

## Technical Data Sheet

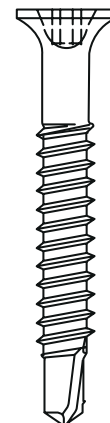


### Typical Applications

- Fixing rainscreen insulation to steel frame.
- Fixing roofing membrane to light steel substructure.
- Fastening insulation to timber substrates.

### Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
4.8 x L	1pt	1.5	bugle	T25	silver ruspert



### Ultimate Pullout Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness			
		0.7mm	1.2mm	1.5mm	2.0mm
4.8	1pt	1.1	2.0	2.6	3.7

### Ultimate Shear Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness		
		0.7mm	1.2mm*	2.0mm
4.8	1pt	2.8	5.0	7.7

\*1.2mm steel frame used for this test

### Ultimate Mechanical Strength, kN

Diameter (mm)	Drill Point	Ultimate Tensile Strength (kN)	Ultimate Shear Strength (kN)
4.8	1pt	12.2	13.9

- Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTL SOP14 based on the latest CFA guidance note (method available on request).
- Ultimate tensile tests conducted generally in accordance with ISO 16892-1
- Ultimate shear tests conducted generally in accordance with Mil Std 1312-13
- Performance data is un-factored.

All product specifications and data are subject to change without notice.

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### Features & Benefits

- Drills up to 1.5mm (or 2 x 1.25mm) steel
- Hardened thread surface
- 1200 hours silver ruspert coating
- Reduced drilling point ensures optimal tightness and correct hole diameter in thin metal sheets

### Installation Tips

- For optimal install use a screwgun with depth setting nosepiece and RPM range of 1500-2200
- Avoid overdriving/ overtightening
- Fastener is fully seated when head is in contact with material surface
- A minimum of 3 threads must protrude through the rear of the metal structure

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