

# DrillTech CSLSB - carbon steel bugle head self-drilling screw



## Technical Data Sheet

### Typical Applications

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

### Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
4.8 x L	1pt	0.8 - 2.0	Csk	PH2	Silver Ruspert

### Ultimate Pullout, kN

Diameter (mm)	Drill Point	Normal Steel Thickness			C16 Timber
		0.7mm	1.2mm	2.0mm	30mm emb
4.8	1pt	1.6	2.1	4.5	3.8

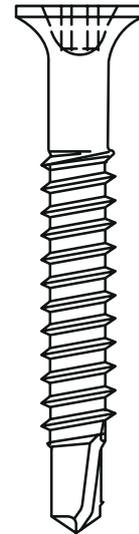
### Ultimate Shear, kN

Diameter (mm)	Drill Point	Normal Steel Thickness		
		0.7mm	1.2mm	2.0mm
4.8	1pt	3.8	5.1	8.1

- Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTL83 based on the latest CFA guidance note (method available on request).
- Pullover tests conducted following the principles of BS 5427:2016+A1:2017 (Code of practise for the use of profiled sheet for roof and wall cladding onbuildings: Annex E). Tests conducted with 16mm washer fitted under screwhead. Performance data is un-factored.
- 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 and Benefits

- Drills 0.8-2mm thick steel
- C1022 case-hardened carbon steel
- 500 hour silver ruspert finish
- Coarse thread provides high performance fastening in steel and timber substrates
- Bugle head compatible with multiple washer variants

### 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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