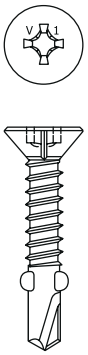
*Drill*Tech
CSLSW - light section wing-tip self-drilling screw

VJ Technology

Technical Data Sheet

Typical Applications

- Fixing timber battens to light duty steel sections.
- General timber to steel applications.
- Fixing sheathing boards to steel.



Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
4.2 x 25	2pt	1.2 - 3.0	Csk	PH2	BZP
4.8 x L	3pt	1.2 - 4.0	Csk	PH2	BZP
5.5 x L	3pt	1.2 - 5.0	Csk	PH3	BZP

Ultimate Pullout Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness			
		1.2mm	2.0mm	3.0mm	5.0mm
4.2	3pt	1.4	2.8	4.2	-
4.8	3pt	1.4	3.0	5.1	12.4
5.5	3pt	1.4	2.7	5.2	13.2

Ultimate Shear Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness			
		1.2mm	2.0mm	3.0mm	5.0mm
4.2	3pt	-	4.1	5.1	-
4.8	3pt	4.2	-	-	6.0
5.5	3pt	4.8	-	-	9.0

Ultimate Mechanical Strength, kN

Diameter (mm)	Drill Point	Ultimate Tensile Strength (kN)	Ultimate Shear Strength (kN)
4.8	3pt	12.1	14.9
5.5	3pt	17.3	19.5

- Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTLSOP14 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 on buildings: Annex E). Tests conducted with 16mm washer fitted under screw head.
- 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 unfactored.

Features & Benefits

- Winged tip creates clearance hole in timber - designed to avoid jacking
- Wings break off on contact with steel
- C1022 case-hardened carbon steel
- Coarse thread

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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