

DrillTech

CSHSF - carbon steel heavy section low profile framing screw

Technical Data Sheet

Typical Applications

- Fixing clips and brackets to heavy section steel where a secret fix is required.
- Steel to steel fastening not exposed to weather.

Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
5.5 x 38	5pt	4 - 12.0	Wafer	PH3	Silver Ruspert

Ultimate Pullout Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness		
		4.0mm	5.0mm	6.0mm
5.5	5pt	9.7	14.9	18.1

Ultimate Shear Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness	
		4.0mm	6.0mm
5.5	5pt	11.2	7.8

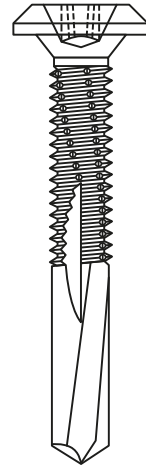
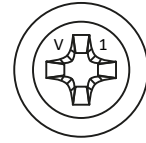
Ultimate Mechanical Strength, kN

Diameter (mm)	Drill Point	Ultimate Tensile Strength (kN)	Ultimate Shear Strength (kN)
5.5	5pt	17.5	19.9

- 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).
- 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.
- Performance data is unfactored.

All product specifications and data are subject to change without notice. The data contained in this datasheet is believed to be accurate and is reproduced in good faith. It is the customer's responsibility to ensure that the product described in this datasheet is suitable for their application.

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Features & Benefits

- Drills 4-12mm thick steel
- C1022 case-hardened carbon steel
- 1000 hour silver ruspert finish
- 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, bonded washers should not compress >66% of original thickness
- A minimum of 3 threads must protrude through the rear of the metal structure

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