

# DrillTech CSLSS - Stitching Screws

## Technical Data Sheet

### Typical Applications

- Stitching sheet metal without pre-drilling
- Stitching cladding panels

### Product Information

Product Code	Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Material
13600350	4.8 x 19	2pt	0.7 - 2.0	Hex	8mm A/F	BZP
13600360	6.3 x 25	2pt	0.7 - 2.0	Hex	8mm A/F	BZP

### Ultimate Pullout Resistance, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness				
		0.7mm	1.2mm	1.5mm	2.0mm	3.0mm
4.8	2pt	1.3	1.6	2.3	3.4	5.3
6.3	2pt	2.0	2.5	3.7	5.6	-

### Ultimate Shear Resistance, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness				
		0.7mm	1.2mm	1.5mm	2.0mm	3.0mm
4.8	2pt	3.7	-	-	-	6.7
6.3	2pt	4.4	6.2	9.1	11.0	-

### Ultimate Pullover Resistance, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness		
		0.5mm	0.7mm	1.2mm
6.3	2pt	3.4	5.8	8.0

### Ultimate Mechanical Strength, kN

Diameter (mm)	Drill Point	Ultimate Mechanical Shear Strength (kN)
4.8	2pt	14.8
6.3	2pt	23.9

Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTL SOP83 based on the latest CFA guidance note (method available on request).

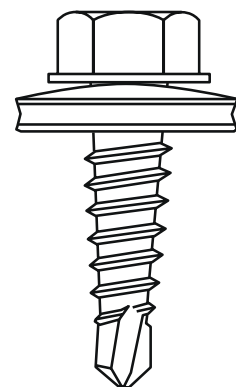
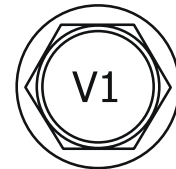
Pullover tests conducted following the principles of BS 5427:2016+A1:2017 (Code of practise for the use of profiled sheet for roof and wall cladding on buildings: Annex E) & EN14566. Tests conducted with 16mm washer fitted under screw head.

Ultimate mechanical tensile tests conducted generally in accordance with ISO 6892-1

Ultimate mechanical shear tests conducted generally in accordance with Mil std 1312-13

Performance data is unfactored.

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### Features and Benefits

- C1022 case-hardened carbon steel
- Coarse thread
- 13600360 supplied with a 16mm bonded EPDM washer

### 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