

# DrillTech CSHSW - heavy section wing-tip self-drilling screw



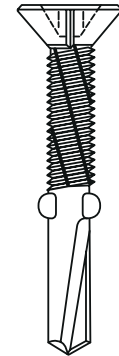
## Technical Data Sheet

### Typical Applications

- Fixing timber battens to heavy steel sections.
- General timber to steel applications.
- Fixing cement particle boards to steel.

### Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
5.5 x L	5pt	5.0 - 12.0	Csk	PH3	BZP



### Ultimate Pullout Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness			
		5.0mm	8.0mm	10.0mm	12.0mm
5.5	5pt	12.8	16.4	18.0	18.1

### Ultimate Shear Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness	
		5.0mm	12.0mm
5.5	5pt	11.1	9.2

- Pullout tests conducted by VJT Test Laboratory (UKAS Testing 7903) 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.

### 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
- Fine thread provides more effective fastening in thicker steel

### 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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