

DrillTech CSTT - gash point screw



Technical Data Sheet

Typical Applications

- Fastening thin metal sheeting to timber frames without needing to pre-drill.

Product Information

| Size (mm) | Drill Point | Drilling Capacity (mm) | Head Style | Drive | Finish |
|-----------|-------------|------------------------|------------|---------|--------|
| 6.5 x L | Type A-17 | 0.5 - 1.2 | Hex | 8mm A/F | BZP |

Ultimate Pullout Strength, kN

| Diameter (mm) | Drill Point | Nominal Steel Thickness | | | C16 Timber | |
|---------------|-------------|-------------------------|-------|-------|------------|-----------|
| | | 0.5mm | 0.7mm | 1.2mm | 25mm emb. | 35mm emb. |
| 6.5 | Type A-17 | 1.1 | 1.7 | 2.3 | 3.7 | 5.6 |

Ultimate Shear Strength, kN

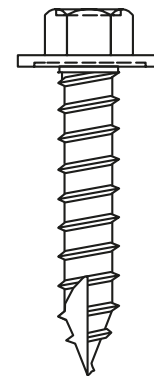
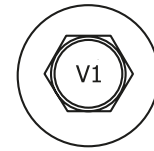
| Diameter (mm) | Drill Point | Nominal Steel Thickness | |
|---------------|-------------|-------------------------|-------|
| | | 0.5mm | 3.0mm |
| 6.5 | Type A-17 | 2.0 | 11.3 |

Ultimate Pullover Strength, kN

| Diameter (mm) | Drill Point | Nominal Steel Thickness | | |
|---------------|-------------|-------------------------|-------|-------|
| | | 0.5mm | 0.7mm | 1.2mm |
| 6.5 | Type A-17 | 3.8 | 5.5 | 10.0* |

*Max. measurement of test equipment

- 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

- Drills 0.5-1.2mm thick steel
- C1022 case-hardened carbon steel
- Deeper threads for maximum performance in timber
- 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

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