



DESCRIPTION

- Roofing and Cladding Composite Sheet to Timber
- Specially designed compression control thread to prevent damage and denting of panels
- No pre-drilling is required and the self-drilling T17 Gash Point on screws makes for a rapid installation
- 8mm hex head
- Suitable for a steel thickness of 0.5-1.2mm
- Complete with 16mm EPDM rubber washer
- Fire and corrosion resistant, protected by Elementech corrosion resistant coating, salt spray tested to 1000 hours
- Complies with EU Safety, Health and Environmental requirements

APPLICATIONS

- Used for joining composite roofing panels to timber frame buildings

CE APPROVED



- Tested to European inspection and certification standards
EN 14566:2008+A1:2009

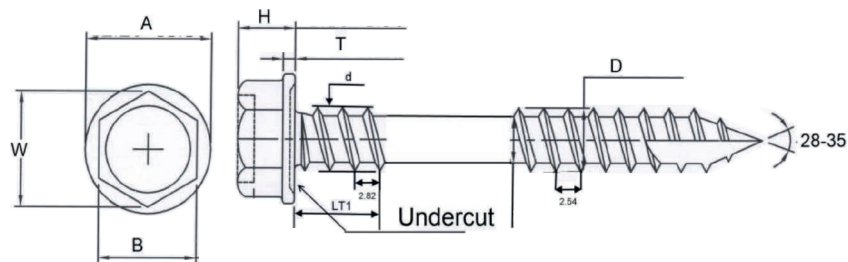


PRODUCT OVERVIEW

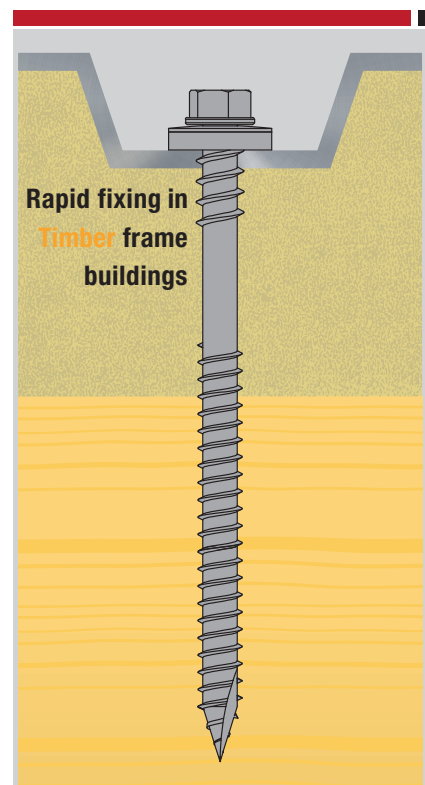
Code	Diameter (mm)	Length (mm)	Head	Washer	Finish	Box Qty
TFHW16CPGP6380	6.3	80	Hex	16mm	Elementech	100
TFHW16CPGP63100	6.3	100	Hex	16mm	Elementech	100
TFHW16CPGP63125	6.3	125	Hex	16mm	Elementech	100
TFHW16CPGP63150	6.3	150	Hex	16mm	Elementech	100

TECHNICAL INFORMATION

Size (mm)	Drill Point	Steel Thickness	Recommended Drill Speed (RPM)	Torque	Tensile Strength	Shear Strength
6.3 x 80	T17 Cutting	0.5-1.2mm	1500-2500	180KG Min.	23.0kN	16.0kN
6.3 x 100	T17 Cutting	0.5-1.2mm	1500-2500	180KG Min.	23.0kN	16.0kN
6.3 x 125	T17 Cutting	0.5-1.2mm	1500-2500	180KG Min.	23.0kN	16.0kN
6.3 x 150	T17 Cutting	0.5-1.2mm	1500-2500	180KG Min.	23.0kN	16.0kN



	M6.3	
	MIN.	MAX.
A	12.00	13.00
B	7.78	8.00
W	8.71	8.71
H	5.15	5.45
T	0.80	1.10
D	6.29	6.45
d	6.60	6.75
LT1	14.00	15.00
Pitch	2.54	2.54



- **Material:** C1022
- **Surface Hardness:** 595-650 HV
- **Core Hardness:** 360-425 HV
- **Case Depth:** 0.13-0.28 450 HV