

JT6-2H-PLUS 5.5 x L range

A4 stainless steel bi-met fastener for fixing profiled roofing and cladding sheets to steel and aluminium sections.

Application Features

- For fixing profiled roofing and cladding sheets to light steel sections
- Steel sections from 0.7mm - 2.0mm (maximum combined drilling capacity 2.7mm)
- Side lap stitching of profiled steel and aluminium sheets
- Can be used in conjunction with S16 and S19 stainless/EPDM vulcanised sealing washers

Material Specification

- High quality stainless steel grade A4 to ISO 3506, EN 1.4401 to ISO 10088, AISI 316
- High quality hardened carbon steel drill point



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
5.5 x L	11.50

Ultimate Fastener Shear Strength

Fastener Diameter	kN
5.5 x L	7.50

Ultimate Pullout Load kN

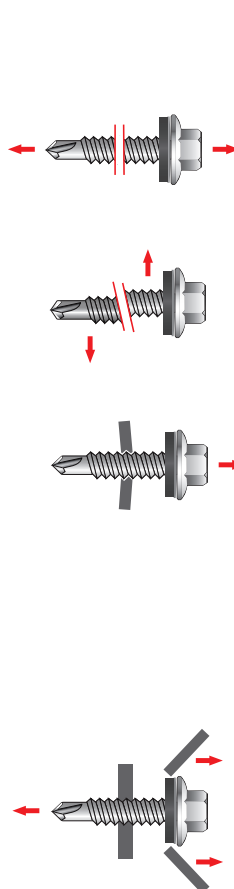
Fastener Diameter	Nominal Steel Thickness (mm)					
	0.60	0.70	0.90	1.20	1.50	2.00
5.5 x L	0.76	1.02	1.35	2.07	2.79	3.73

Figures based on tests from construction grade steel up to 0.9mm designated as S220GD (BS EN 10346), minimum yield strength 220 N/mm². Steel 1.0mm and thicker is designated as S350GD (BS EN 10346) construction grade steel, minimum yield strength 350 N/mm².

Ultimate Pullover Load kN

Washer Face	Nominal Steel Thickness (mm)				
		Steel		Aluminium	
	0.50	0.70	0.90	0.70	0.90
S16 Washer	4.20	5.20	5.50	2.00	2.20
S19 Washer	4.50	5.65	6.00	2.40	2.90

Figures based on use with R38 profile steel sheets with fastener located in valley of profile.



Drive Tool

8mm Hex

Self-drilling fastener range

Certifications



ETA-10/0200

Figures shown on this data sheet are based on results obtained from tests carried out in EJOT UK's Applitec laboratory in accordance with equipment conforming to current industry standards, on a random sample of fasteners manufactured to EJOT tolerances. Information supplied should form part of a general guide and should performance data for a specific application be required please do not hesitate to contact us.