

JT6-6-5.5 x L range

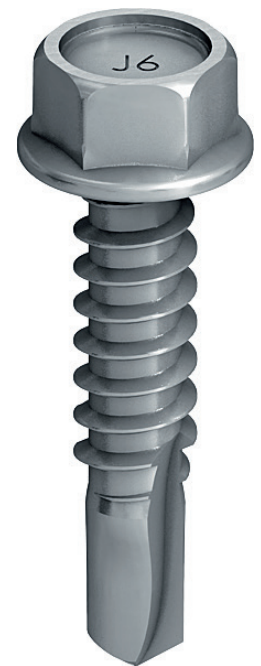
A4 stainless steel bi-met fastener for fixing roofing or cladding steel sheets or steel to steel from 1.2mm - 6.0mm in thickness.

Application Features

- For steel structures 1.2mm - 6.0mm in thickness
- Can be used in conjunction with S16 and S19 stainless/EPDM vulcanised sealing washers
- Profiled steel and aluminium roofing and cladding sheets to light to medium steel sections

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)						
	1.50	2.00	2.50	3.00	4.00	5.00	6.00
5.5 x L	2.38	3.65	4.28	5.71	8.59	11.50*	11.50*

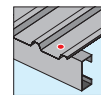
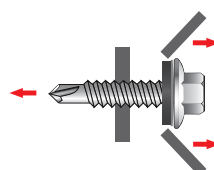
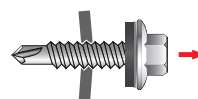
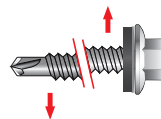
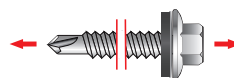
*Mode of failure for ultimate pullout from 5-6mm thickness plus steel is limited by the ultimate tensile strength of the fastener.

Figures based on tests from construction grade steel up to 3.0mm thick designated as S350GD (BS EN 10346), minimum yield strength 350 N/mm². Steel 4.0mm and thicker designated as grade S275 (BS EN 10025), minimum yield strength 275 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



Self-drilling fastener range

Certifications



ETA-10/0200
ETA-13/0177

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.