EJOT® stainless steel bi-met self-drilling fasteners

JF6-2-5.5 x L range

A4 stainless steel bi-met fastener for stitching roofing and cladding sheets.

Application Features

- For stitching metal to profiled metal sheet or composite panels
- Can be used in conjunction with S16 stainless/EPDM vulcanised sealing washers
- Pierce point geometry designed to minimise swarf generation
- Stitching 2 x 0.5mm up to 2 x 1.0mm

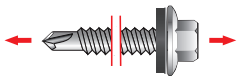
Material Specification

- 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

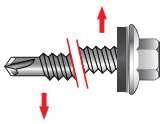
Ultimate Fastener Tensile Strength

Fastener Diameter	*kN*
5.5 x L	11.50



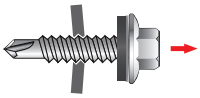
Ultimate Fastener Shear Strength

Fastener Diameter	*kN*
5.5 x L	7.50



Ultimate Pullout Load kN

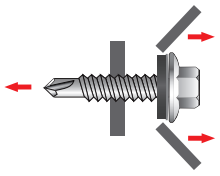
Fastener Diameter	Nominal Steel Thickness (mm)			
	0.50	0.70	2 x 0.50	2 x 0.70
5.5 x L	1.10	1.70	2.20	3.00



Figures based on tests from construction grade steel designated as S220GD (BS EN 10346), minimum yield strength 220 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.

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