

EJOT® stainless steel bi-met self-drilling fasteners

JT3-FR-2H-4.8/JT3-FR-2H-6.3 x L ranges



A2 stainless steel bi-met fastener with low profile head stitching fastener.

Application Features

- Stitching laps of steel roofing and cladding sheets
- Stitching laps of aluminium roofing and cladding sheets
- Stitching of steel and aluminium flashings to roofing and cladding sheets
- Low profile head available powder coated
- Stitching 2 x 0.5mm up to 2 x 1.0mm
- Can be used in conjunction with S12 stainless/EPDM vulcanised sealing washers



Material Specification

- High quality stainless steel grade A2 to ISO 3506, EN 1.4301 to EN 10088, AISI 304
- High quality hardened carbon steel drill point



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
4.8* x L	8.40
6.3 x L	15.70

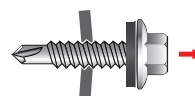
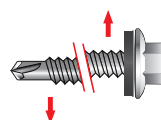
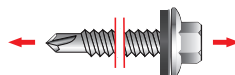
Ultimate Fastener Shear Strength

Fastener Diameter	kN
4.8* x L	5.40
6.3 x L	10.20

Ultimate Pullout Load kN

Fastener Diameter	Nominal Steel Thickness (mm)				Aluminium Thickness (mm)		
	0.60	0.70	0.90	1.20	0.70	0.90	1.20
4.8* x L	0.76	1.02	1.35	2.07	0.73	0.93	1.10
6.3 x L		1.36	2.50	3.26	-	-	-

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.



Drive Tool



Self-drilling
fastener range

Certifications



ETA 10/0200*



*ETA Certification for 4.8
diameter only

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.