

JZ5-8.0 x L range

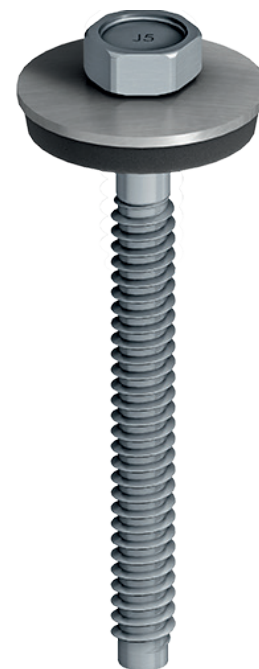
A2 stainless steel bi-met self-tapper for fixing roofing or cladding steel sheets or steel and aluminium sections.

Application Features

- For steel sections from 2.0mm in thickness
- For aluminium sections from 3.0mm in thickness
- Can be used in conjunction with S16 and S19 stainless/EPDM and A29 aluminium EPDM vulcanised sealing washers
- Fastening profiled sheets and sections to steel substrate up to S 355

Material Specification

- High quality stainless steel grade A2 to ISO 3506, EN 1.4301 to ISO 10088, AISI 304 with carbon steel dog point and lead threads



Application Detail

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
8.0 x L	25.40

Ultimate Fastener Shear Strength

Fastener Diameter	kN
8.0 x L	16.50

Ultimate Pullout Load kN

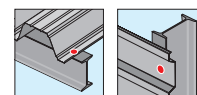
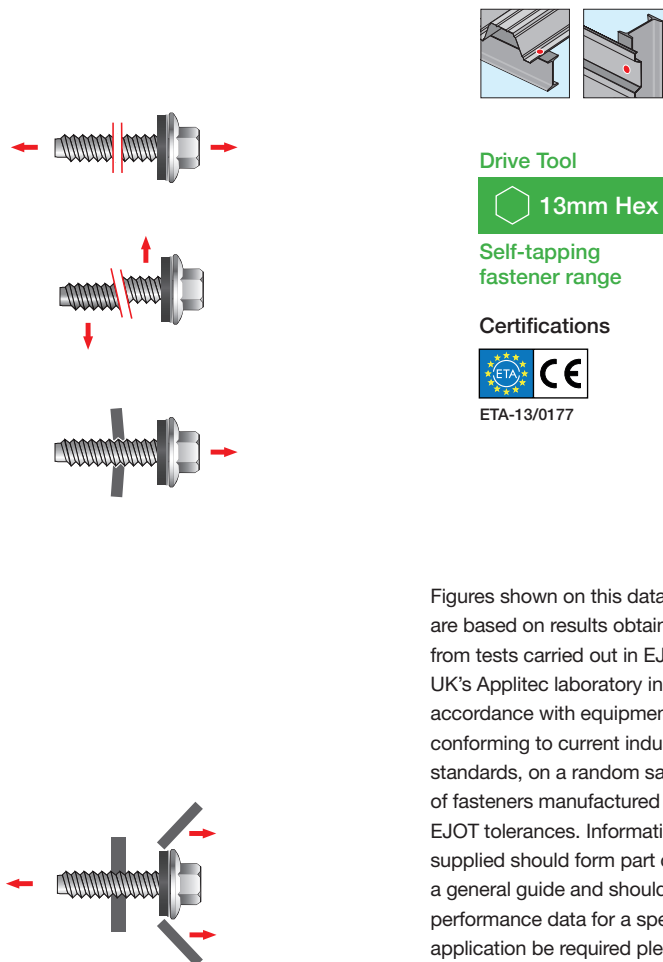
Fastener Diameter	Steel Thickness (mm)			
	1.50	3.00	6.00	≥10.00
Pullout Load (kN)	2.41	5.94	23.39	25.40*
Steel Thickness (mm)	1.50 - 3.00	3.00 - 6.00	6.10 - 10.0	10.10 - 25.00
Pilot Hole (mm)	6.80	6.80	7.00	7.40

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 Sheet Thickness (mm) Steel					
	0.63	0.75	0.88	1.00	1.13	1.25
S22 Washer	4.40	5.30	5.70	6.20	6.70	6.80

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



Drive Tool



Self-tapping fastener range

Certifications



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.