

JZ1-6.3 x L range

1.4529 HCR stainless steel self-tapper for fixing roofing or cladding steel sheets or steel and aluminium sections and timber.

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
- For use in highly corrosive environments including swimming pool applications

Material Specification

- High corrosion resistant (HCR) stainless steel grade A8 to ISO 3506, EN 1.4529 to ISO 10088, AISI 926



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
6.3 x L	15.70

Ultimate Fastener Shear Strength

Fastener Diameter	kN
6.3 x L	10.20

Ultimate Pullout Load kN

Fastener Diameter	Steel Thickness (mm)					
	2.50	3.00	4.00	5.00	6.00	7.00
Pilot Hole (mm)	5.30	5.30	5.30	5.30	5.50	5.70
Pullout Load (kN)	7.70	9.60	12.60	15.70*	15.70*	15.70*

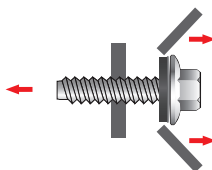
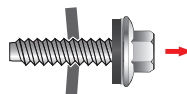
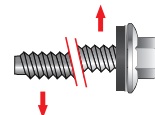
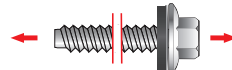
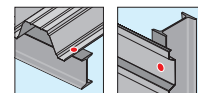
*Mode of failure for ultimate pullout from 5-6mm thickness plus steel is limited by the ultimate tensile strength of the fastener.

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 Sheet 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-tapping 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.