

JA1-6.5 x L range

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

Application Features

- For steel sections up to 2.0mm in thickness
- For aluminium sections up to 3.0mm in thickness
- For timber: mechanical performance is dependent on embedment and grade of timber
- 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
6.5 x L	14.60

Ultimate Fastener Shear Strength

Fastener Diameter	kN
6.5 x L	9.50

Ultimate Pullout Load kN

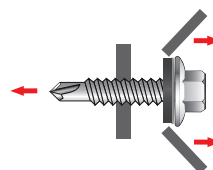
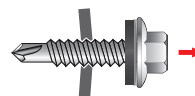
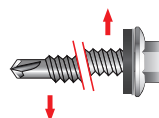
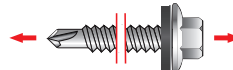
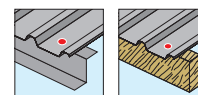
Fastener Diameter	Nominal Steel Thickness (mm)				Alu Thickness (mm)		Timber
	1.20	1.50	1.60	2.00	1.90	3.00	
6.5 x L	1.20	1.50	1.60	2.00	1.90	3.00	50mm EMB
Pilot Hole (mm)	4.50	4.50	4.50	5.00	4.50	4.50	4.50
Pullout Load (kN)	3.00	4.00	4.20	5.35	1.61	2.95	5.09

Figures based on tests from construction grade timber. Steel 1.0mm and thicker is designated as S350GD (BS EN 10346) construction grade steel, minimum yield strength 350 N/mm². Aluminium test figures based on aluminium manufactured in accordance with BS EN 755. Contact EJOT Technical Department for further information on specific grades.

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

3/8 drive

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.