

Case hardened steel fastener for fixing steel faces composite roofing or cladding panels to steel from 1.2mm - 6.0mm in thickness.

Application Features

- For steel structures 1.2mm - 6.0mm in thickness
- Can be used in conjunction with A15 and A19 aluminium/EPDM vulcanised sealing washers
- 8mm AF hexagon drive

Material Specification

- High quality case hardened low carbon steel manufactured in accordance with BS EN ISO 10666
- Organic corrosion resistant finish



Performance Details

Ultimate Fastener Tensile Strength

Fastener Diameter	kN
5.5/6.3 x L	14.50 [†]

Ultimate Fastener Shear Strength

Fastener Diameter	kN
5.5/6.3 x L	9.60 [†]

[†]Ultimate value of low thread shown

Ultimate Pullout Load kN

Fastener Diameter	Nominal Steel Thickness (mm)					
	1.20	1.50	2.00	3.00	6.00	40mm Emb into timber
5.5/6.3 x L	2.90	3.44	4.61	8.54	12.50*	3.91

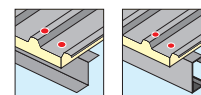
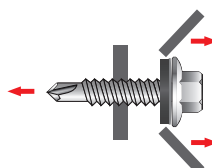
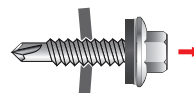
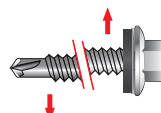
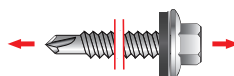
*Mode of failure for ultimate pullout from 8mm thickness plus steel is limited by the ultimate tensile strength of the fastener.

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 Steel Thickness (mm)			
	0.50	0.70	0.90	1.20
A15 Washer	3.52	4.62	5.72	-
A19 Washer	3.74	5.33	6.91	9.28

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



Drive Tool



Self-drilling fastener range

Certifications



ETA-18/0680

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.