

EJOT Super-SAPHIR® Self-Drilling JT3-2 Range



Material Specification

Ultimate Fastener Tensile Strength



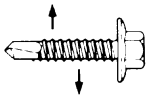
Fastener Dia	kN
6.3 x L	14.17

Fastener

High quality Stainless steel grade 304 St/St, ISO group A2, Din Werkstoff 1.4301.



Ultimate Fastener Shear Strength



Fastener Dia	kN
6.3 x L	12.80

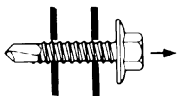
Drill Point

High quality grade casehardened carbon steel to Din standard 10666.



5/16 Hex head

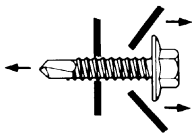
Ultimate Pullout Load kN



Fastener Dia	Nominal Steel Thickness (mm)			Aluminium Thickness (mm)		
	0.7	0.9	1.2	0.7	0.9	1.2
6.3 x L	1.35	2.50	3.25			

Figures based on tests from steel designated 220 N/mm² minimum yield strength and aluminium manufactured in accordance with BS 1470 SIC 1987.

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 and tested in accordance with BS 5427

Figures above are based on results obtained from tests carried out in our Applitec lab in accordance with equipment conforming to BS 5427 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.

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EJOT The Quality Connection