JZ5-8 bi-met range

High grade 304 austenitic stainless steel fastener case hardened carbon-steel leading thread tip for fixing into hot rolled steel sections where exceptional heavy loading is required.

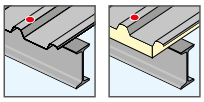
Application Features

- For fixing steel / aluminium profiled sheets into hot rolled steel sections
- Exceptionally high yield strengths
- Can self-tap steel sections from 2.0mm in thickness
- Can self-tap aluminium sections from 3.0mm in thickness
- 13.0mm AF Hex Head
- S16 or S22 stainless steel sealing washer optional

Material Specification

- High quality Stainless steel grade 304 St/St, ISO group A2, Din Werkstoff 1.4301
- Point and lead threads:
  High quality grade casehardened carbon steel to Din standard 10666.

Application Detail



Drive Tool

3/8 AF

Selt-tapping Fastener Range

Ultimate Fastener Tensile Strength

Fastener Diameter	*kN*
8.0 x L	26.90

Ultimate Fastener Shear Strength

Fastener Diameter	*kN*
8.0 x L	16.30

Ultimate Pullout Load kN

Fastener Diameter	Steel Thickness (mm)			
8.0 x L	1.5	3.00	6.00	≥10.00
Pullout Load (kN)	2.41	5.94	23.39	26.90*
Steel Thickness (mm)	1.5 - 3.0	3.0 - 6.0	6.1 - 10.0	10.1 - 25.0
Pilot Hole (mm)	6.80	6.80	7.00	7.40

Figures based on tests from steel up to 3.0mm thick designated as Grade Z35 (BS 2989), minimum yield strength 350 Nmm-2. Steel 4.0mm and thicker designated as grade S275 (BS EN 10025), minimum yield strength 275 Nmm-2.

Ultimate Pullover Load kN

Washer Face	Steel Thickness (mm)					
	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 steel designated as a minimum grade Z28 (BS 2989), minimum yield strength 280Nmm-2

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.