

# SELF DRILLING SCREWS

## STEEL

General purpose hex washer face style metal self-drilling screw, mainly used in steel to steel applications. Available with or without a EPDM sealing washer.



Specifications/Features	
Type	Hex washer face
Socket Size	5/16" = 10g/12g screws, 3/8" = 14g screws
Coating	Mechanical Galv Class 4
Headmark	F4 = Fortress class 4
Material	Steel Grade 1022

Gauge/Size	TPI (Thread Per Inch)	Shear Strength kN	Torsional Strength Nm	Axial Strength kN	Pullout kN 3mm*
10G (4.7mm)	16	7.68	8.00	10.00	7.88
10G (4.7mm)	24	7.83			7.88
12G (5.4mm)	14	10.07	13.00	17.00	7.26
12G (5.4mm)	24	11.12			7.99
14G (6.3mm)	10	13.12	20.00	20.00	9.12
14G (6.3mm)	20	15.54			11.99

\* Pullout load is an indicative average and will vary depending on factors such as materials used.

- Mechanical properties to AS3566.1-2002.
- Minimum thread engagement 3 threads into steel section.
- Recommended steel thickness 1.00mm-5.00mm.
- Installation: Recommended drill speed 2500 rpm.

### EPDM sealing washer

- Non-conductive, low carbon to prevent corrosion problems.
- High quality EPDM provides an excellent bond between rubber and metal.
- Paintable
- UV and Ozone resistant



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Disclaimer: this data should be used as a guide only, for exact applications you should engage the services of a qualified engineer.