

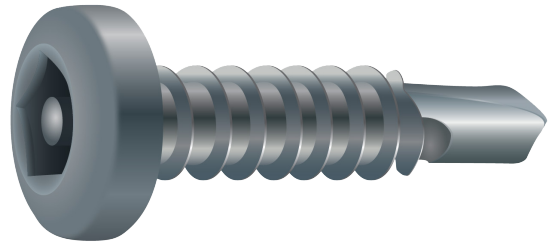
PENTAFORCE

PAN HEAD SELF DRILLING SCREWS

PRODUCT SHEET

TYPICAL APPLICATIONS

- Fixing light gauge steel.
- Suitable for security fencing.
- Can be fitted with neo or bonded washer for roofing and cladding applications.



FEATURES

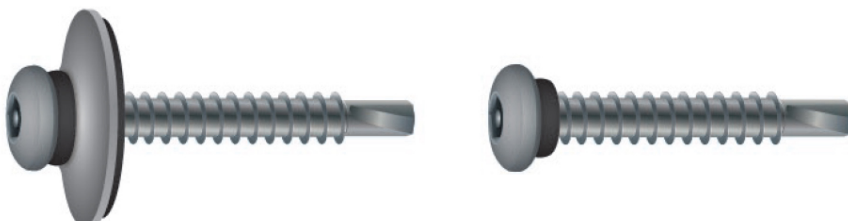
- Five sided Pentagon recess unique to PROLOK with security pin - preventing removal with standard tools.
- Registered driver tool availability to limit tools in the market.
- Level 2 security rating.
- Positive drive recess for simple and fast installation.



MATERIAL	C1022 Carbon Steel
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FINISH	Class 3 Mechanical Galvanised
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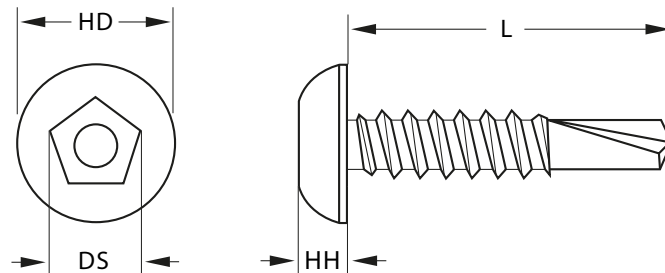
MECHANICAL PERFORMANCE							
SCREW GAUGE	THREADS PER INCH	TENSILE STRENGTH (N)	SHEAR STRENGTH (N)	TORSIONAL STRENGTH (Nm)	PULL OUT STRENGTH (kN)	STEEL GRADE THICKNESS	DRILL CAPACITY (mm)
8G	18	6200	5100	5.9	2.8	1.9 mm G450	0.75 - 2.0
10G	16	12100	5700	8.4	5.8	1.9 mm G450	0.75 - 3.5
12G	14	13400	8300	12.3	6.5	1.9 mm G450	1.0 - 4.0
12G	24	13600	8500	15.5	8.7	6.0 mm HRS	1.2 - 12.0
14G	14	19600	10700	18.5	6.9	1.9 mm G450	1.2 - 4.0



Can be fitted with neo or bond washers for roofing and cladding applications.

PENTAFORCE PAN HEAD SELF DRILLING SCREWS

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DIMENSIONS

PART NUMBER	SCREW GAUGE	DRIVER SIZE (DS)	HEAD DIAMETER (HD)	HEAD HEIGHT (HH)	LENGTH (L)	PACK QTY
PFPSD8C	8G	PFD1	8.0 mm	2.9 mm	9.5 mm	1,000
PFPSD8D	8G	PFD1	8.0 mm	2.9 mm	13 mm	1,000
PFPSD8F	8G	PFD1	8.0 mm	2.9 mm	19 mm	1,000
PFPSD8G	8G	PFD1	8.0 mm	2.9 mm	25 mm	1,000
PFPSD10E	10G	PFD1	9.25 mm	3.4 mm	16 mm	1,000
PFPSD10G	10G	PFD1	9.25 mm	3.4 mm	25 mm	1,000
PFPSD10I	10G	PFD1	9.25 mm	3.4 mm	38 mm	1,000
PFPSD12G	12G	PFD2	10.5 mm	3.8 mm	25 mm	1,000
PFPSD12I	12G	PFD2	10.5 mm	3.8 mm	38 mm	1,000
PFPSD12J	12G	PFD2	10.5 mm	3.8 mm	50 mm	1,000
PFPSD12K	12G	PFD2	10.5 mm	3.8 mm	63 mm	1,000
PFPSD50012H	12G	PFD2	10.5 mm	3.95 mm	32 mm	1,000
PFPSD50012J	12G	PFD2	10.5 mm	3.95 mm	50 mm	1,000
PFPSD1414G	14G	PFD2	12.4 mm	4.4 mm	25 mm	1,000
PFPSD14J	14G	PFD2	12.4 mm	4.4 mm	50 mm	1,000
PFPSD1414K	14G	PFD2	12.4 mm	4.4 mm	63 mm	1,000

- Pentaforce self-drilling screws have been manufactured in accordance with AS3566.1-2002 – Australian fasteners standard for the general screw requirements and mechanical properties.
- Pentaforce self-drilling screws have been tested to meet ISO15330-1999 - Preloading test for the detection of hydrogen embrittlement.
- Pentaforce self-drilling screws have been mechanically galvanised to class 3 in accordance with AS3566.2-2002 - Australian fasteners standard for the corrosion resistance requirements of self-drilling screws.



Disclaimer: Whilst every reasonable effort has been made in preparation of this guide, Sentinel Group accepts no responsibility for the accuracy of the information supplied.

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