



HEX WASHER SELF DRILLING SCREWS

ZINC YELLOW / CLASS 3 MECH GALVANISED

Self drilling screws allow for fixing to light gauge steel material without the need to predrill. Hex washer heads allow for greater and secure clamping force and can be paired with a neo selaing washer in roofing applications.

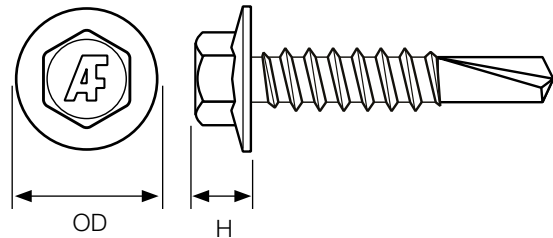
Screws are available in standard gauge sizes and various lengths. Longer screws may feature a smooth shank run out directly under the head as full thread is not required for longer spanning joints.



TECHNICAL

- Hex washer head
- Self drilling point no.3
- Heat treated carbon steel. Available coating in electroplated zinc yellow, class 3 or class 4* mechanical galvanise to AS3566.

Length \leq 20mm = Full thread
Length \leq 45mm = Part thread



Gauge	Thread	Driver	Drill Capacity	HEAD	
				OD	H
8g	18	1/4	0.75 - 2.5mm	10.1mm	4.0mm
10g	16	5/16	0.75 - 3.5mm	10.9mm	4.4mm
12g	14	5/16	1.0 - 5.0mm	13.9mm	5.3mm
14g	10	3/8	1.2 - 5.0mm	14.5mm	6.4mm
14g*	20	3/8	1.2 - 6.0mm	14.5mm	6.4mm

PERFORMANCE

Screw	MECHANICAL PROPERTIES			PULL OUT DATA (kN)		
	Single Shear (N)	Axial Tensile (N)	Torsional Strength (Nm)	1.9mm G450 Steel	2.4mm G450 Steel	4.0mm G400 HRS
8g-18	5100	6200	5.9	2.8	6.3	NA
10g-16	5700	12100	8.4	5.8	8.3	NA
12g-14	8300	13400	12.3	6.5	8.1	NA
14g-10	10700	19600	18.5	6.9	8.1	10.9
14g-20*	10900	20900	19.9	5.6	7.5	14.2

Appropriate safety factors should be applied for design purposes.

Allfasteners® Head Office
78-84 Logistics Street Keilor Park VIC 3042 Australia +61 3 9330 0555

Allfasteners Pty Ltd. ACN 113 948 100 ABN 86 766 075 300
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