



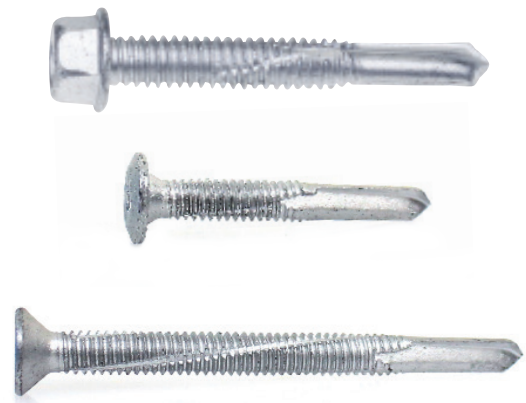
SD500 SELF DRILLING SCREWS

HEX, COUNTERSUNK, WAFER / CLASS 3 MECHANICAL GALVANIZED

For metal to metal fixing in thick steel the range of 12-24 SD500 self drilling screws can be used in fixing steel purlin and hot rolled steel up to 12.0mm thick.

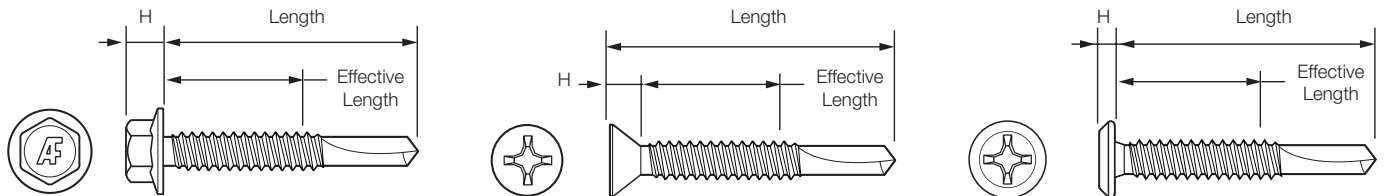
Ideal use for:

- HAVAC systems
- Plumbing
- Steel fabrication
- General construction where metal to thick metal fixing is required.



APPLICATION

- Drill Capacity: 4.5 – 12.0 mm
- Drill Point No 5: SD500 self drillers feature a longer drill point. The whole drill point must past through the fixed material.
- Material: Carbon Steel SAE 1022
- Heat Treatment: To AS 3566.1
- Finish: Class 3 mechanical galvanised



Gauge	Thread	Head Type	Driver	Installation Drill Speed	Effective Length min.	HEAD	
						OD	H
12g	24 (fine)	Hex	5/16	1,800 RPM max	= L – 23mm	11 mm	5.3 mm
		Countersunk	Phillips #3			10.5 mm	4.8 mm
		Wafer	Phillips #3			11.2 mm	2.0 mm

PERFORMANCE

Screw	WLL MECHANICAL PROPERTIES		WLL PULL OUT CAPACITY		
	Single Shear	Axial Tensile	Purlin 2.4 mm	Hot Rolled Steel 8 mm	Hot Rolled Steel 12.7 mm
12g-24	3.0 kN	5.6 kN	2.1 kN	5.6 kN	5.6 kN

WLL capacity has a factor safety of 3.0.

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