

# Steel Self Drilling Screws

Recommended safe working loads

Product Name	350 Mpa Steel Plate Thickness (mm)					
	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm
10G 16 x Xmm Metal HWF Self-Driller Class 4 screws	0.63 kN	0.77 kN	1.23 kN	1.56 kN	1.84 kN	-
12G 14 x Xmm Metal HWF Self-Driller Class 4 screws	0.53 kN	0.94 kN	1.33 kN	1.59 kN	2.65 kN	3.57 kN
12G 24 x Xmm Metal HWF Self-Driller Class 4 screws	0.48 kN	0.80 kN	1.30 kN	1.50 kN	1.96 kN	3.08 kN
14G 10 x Xmm Metal HWF Self-Driller Class 4 screws	0.38 kN	0.71 kN	1.30 kN	1.50 kN	1.77 kN	3.08 kN

Xmm = screw range

Product Name	350 Mpa Steel Plate Thickness (mm)					
	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm
10G 16 x Xmm Wingtec CSK #2 Square Self-Driller Galv Class 4 screws	0.76 kN	0.92 kN	1.18 kN	1.50 kN	2.14 kN	-

Xmm = screw range

Certification of design capacity: Test report 9/2022 in accordance with AS/NZS 1170.0:2002 Annex B.

Published load values include a safety Factor  $\gamma = 4$ .

The load values and results published in this document are based on testing an individual Gauge screw size.

This report assumes that all varying lengths of screw gauges will perform similar and have similar pull-out load values.

For more information around this document and testing please contact our Technical Field Engineer



Reliable Products. Trusted Service.

[www.blacksfasteners.co.nz](http://www.blacksfasteners.co.nz)