

Timber Self Drilling Screws

Recommended safe working loads

Product Name	SG8 Radiata Pine Insertion Depth (mm)			
	30mm	35mm	40mm	50mm
10G 12 x Xmm Type 17 HWF Class 4 Wood screw	0.61 kN	0.98 kN	1.22 kN	-
12G 11 x Xmm Type 17 HWF Class 4 Wood screws	0.66 kN	0.71 kN	1.10 kN	1.53 kN
14G 10 x Xmm Type 17 HWF Class 4 Wood screws	0.79 kN	1.05 kN	1.08 kN	1.60 kN
14G 10 x Xmm Woodscrew Bugle Hex Class 4 screws	0.79 kN	1.05 kN	1.08 kN	1.60 kN

Xmm = screw range

Product Name	SG8 Radiata Pine Insertion Depth (mm)			
	30mm	35mm	40mm	50mm
8G x Xmm Surefast Woodscrew (PT) CSK #2 Square Yzc (with Nibs) screw	0.45 kN	0.94 kN	0.89 kN	1.24 kN
10G x Xmm Surefast Woodscrew (PT) CSK #2 Square Yzc (with Nibs) screw	0.70 kN	1.03 kN	1.25 kN	1.58 kN
5mm x Xmm Surefast Woodscrew (PT) CSK #2 Square Yzc (with Nibs) screw	0.72 kN	0.68 kN	0.84 kN	1.15 kN

Xmm = screw range

Product Name	SG8 Radiata Pine Insertion Depth (mm)			
	30mm	35mm	40mm	50mm
8G x Xmm Superfast Woodscrew (PT) CSK #2 Square 304 S.S (with Nibs) Screw	0.69 kN	0.66 kN	0.90 kN	-
10G x Xmm Superfast Woodscrew (PT) CSK #2 Square 304 S.S (with Nibs) Screw	0.74 kN	0.87 kN	0.88 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



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