

PRODUCT DATA

Needle Point Plasterboard Bugle Screws

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Plasterboard Self Drilling Screw (SDS) #06-18

Applications	
<ul style="list-style-type: none"> For fixing plasterboard / oriented strand board (OSB) to wall studs or ceilings Plasterboard wall lining to timber or thin steel 	

Material	 1022 C1022 Hardened
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Finish	 B-PH Black Phosphate
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Pullout Values				
Plate (Purlin)	Timber Embedment / Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	30	3050	2750	1100
Hardwood	30	5150	4450	1800
G550	0.55	850	750	300

Mechanical Properties				
Torsional Strength	¹ Mean Tensile Strength	¹ Mean Shear Strength	² Characteristic Tensile Strength	² Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
2.7	6000	3600	5800	3500

Note: 1000N = 1kN

¹ Mean Load/Strength: the average ultimate strength of samples tested.

² Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

³ Working Load: the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factors of Safety (FOS=2.5 for steel, FOS=2.5 for timber and FOS=3.0 for concrete) are already included.

All values are obtained under laboratory conditions using DRILLX product. Safety factors should be considered for design purposes. Actual pullout loads may differ slightly depending on certain properties of the base material.

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6 Gauge Bugle Head




Bolt Tension | Anti-Vibration | Product Reliability | Traceability

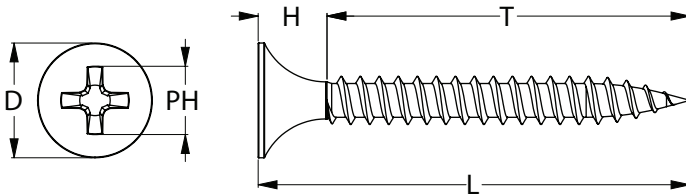
hobson.com.au **QUALITY FASTENERS SINCE 1935**



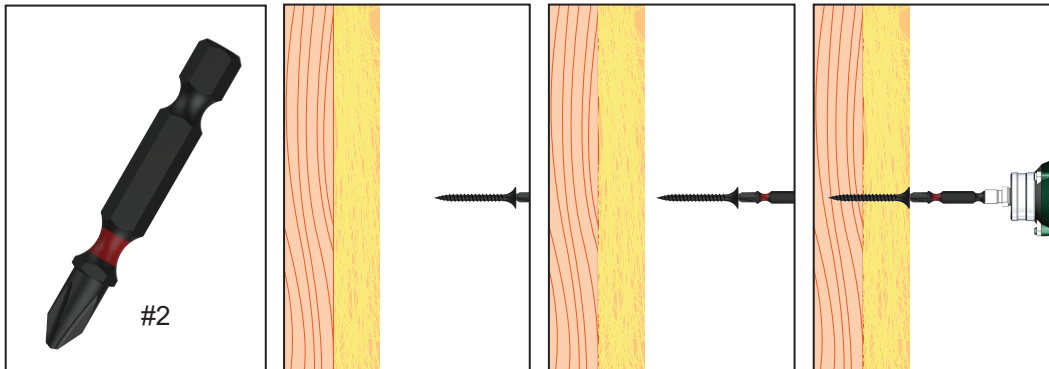
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Part	QFind	Gauge	TPI	Length	Thread Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	T (mm)	H (mm)	D (mm)	PH	
T9PNLBP0618025	QT114	6	18	25	19.5	5.5	8.2	Phillips #2	3000
T9PNLBP0618032	QT115			32	26.5				1000
T9PNLBP0618041	QT116			41	35.5				1000



Installation



Recommended
Phillips Size #2 Drive Bit:

Part	QFind	Length (mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150

Installation Guide

1. Use a cordless screw driver set at 3000–4500 RPM.
2. Consistently apply firm pressure to the screw driver while drilling.
3. Take care not to overtighten the screw.

*Installation with impact drivers not recommended.

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