PRODUCT DATA

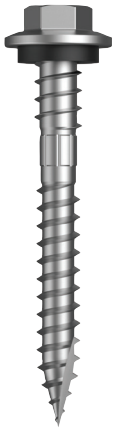
Type 17 Hex, Washer, and XGRiP®

Applications
• Crest fixing • Sheds • Metal to timber applications • Roofing profiles and wall cladding to timber and steel battens up to 1.5 mm

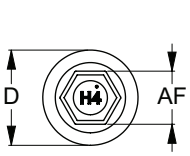
DRILLX®

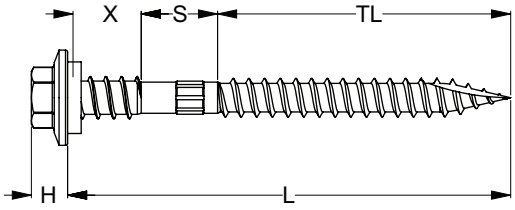
Material	1022 C1022 Hardened
Finish	CL4 Class 4

12 Gauge Hex Head

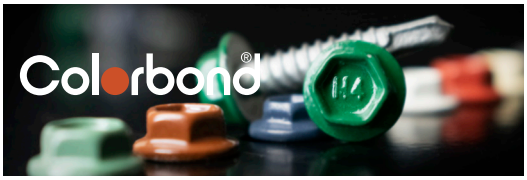


Dimensions





Part	QFind	Gauge	TPI	Length	Thread Length	XGRiP® Thread Length	Shank Length	Head Height	Head ø	Drive Size
				L (mm)	TL (mm)	X (mm)	S (mm)	H (mm)	D (mm)	AF (inch)
T9PW4XS1211050	**Q665**	12	11	50	33	10	7	5.5	14.5	HEX 5/16
T9PW4XS1211065	**Q670**	12	11	65	43	10	12	5.5	14.5	HEX 5/16



Refer to our documents online for a complete list of available Colorbond® colours.

hobson.com.au

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Pullout Values

Plate Material	Timber Embedment	[1]Mean Load	[2]Characteristic Load	[3]Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	5800	5300	2100
F27 Hardwood	35	7950	7450	3000

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)
9.4	13950	8350	11050	6650

Drill Point Test

Plate (Purlin)	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
	(mm)	(kg)	(RPM)	(Max. individual) Seconds	(Max. average) Seconds
G550	0.55	18	2200	3.5	2.5

Note: 1000N = 1kN
[1] Mean Load/Strength is 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 is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor 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. 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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Installation

1. Use a cordless screw gun set between 2,200–3,000 RPM. Fit the HEX Drive Bit over the screw and place at the fastening position.
2. Apply consistently firm pressure to the screw driver while the screw is drilling.
3. Care should be taken not to over-tighten the screw.

***Installation with impact drivers not recommended.**

Recommended for use with:

MAGNETIC NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDIPNSS31045	**BA18**	45
TXDIPNSS31065	**B090**	65

Recommended
HEX 5/16 Magnetic Nut Setter

MAGNETIC NUT SETTER S2 ALLOY STEEL BLACK / STANDARD DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDDPNSS31045	**B025**	45
TXDDPNSS31065	**B050**	65
TXDDPNSS31100	**B060**	100
TXDDPNSS31150	**B075**	150

Recommended
HEX 5/16 Magnetic Nut Setter

SPRING NUT SETTER S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	**QFind**	**Length**
		(mm)
TXDIPSS31065	**BA48**	65
TXDIPSS31150	**BA49**	150

Recommended
HEX 5/16 Spring Nut Setter