PRODUCT DATA

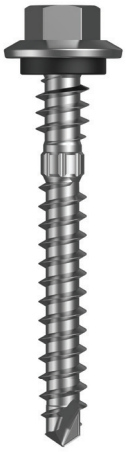
BDX vmaX® Hex, Washer and XGRiP®

Applications
• Crest fixing roof to steel and timber battens • Fixing roofing profiles and wall cladding • Metal to metal fixing up to 1.9 mm • Metal to timber fixing • Metal roofing • Sheds

Material	1022 C1022 Hardened
Finish	X9 X9 Coating

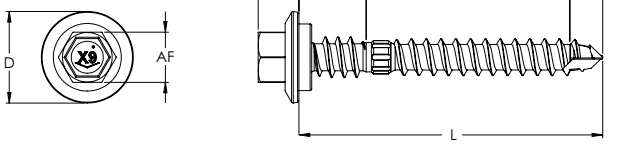


6.2 mm Hex Head



X9 ProteXion coating is suitable for **ISO 9223 Category 4** environments.

Dimensions



Part	QFind	Diameter	TPI	Length	Thread Length	XGRiP® Thread Length	Drill Point	Head ø	Head Height	Drive Size
		(mm)		L (mm)	T (mm)	X (mm)	DP (mm)	H (mm)	D (mm)	AF (inch)
T9PV9XS6211050	**QH313**	6.2	11	50	34	10	5	15	6.5	HEX 5/16
T9PV9XS6211065	**QH314**	6.2	11	65	34	10	5	15	6.5	HEX 5/16



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

hobson.com.au

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BDX vmaX® Hex, Washer and XGRiP®

Pullout Values

Plate Material	Metal Plate Thickness	Timber Embedment Thickness	[1]Mean Load	[2]Characteristic Load	[3]Working Load
	(mm)	(mm)	(N)	(N)	(N)
G2 Purlin	0.55	-	1300	1050	350
G2 Purlin	1.10	-	2550	2400	700
G550 Purlin	1.50	-	5550	5250	1700
G450 Purlin	1.90	-	7500	6750	2400
F7 Pine	-	32	4450	2650	2950
Hardwood	-	32	10500	7050	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)
10.9	16550	9950	15450	9250

Drill Point Test

Plate Material	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
	(mm)	(kg)	(RPM)	(Max. individual) Seconds	(Max. average) Seconds
G450	1.5	24	2200	4	3

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

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