



Product Data Sheet

vmaX[®] SDS Hex Head Screw

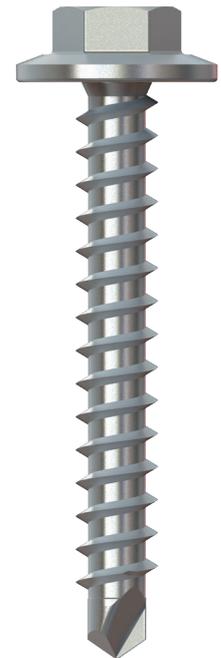


CLASS 3 / AS3566 / SAE 1022
Finish: DX6 complies to Australian Standards AS3566.2 Class 3, suitable for ISO 9223 Category 3 environments.
Application: Hobson vmaX [®] Screws have a universal drilling point. vmaX [®] screws are suitable for fastening roof sheeting to thin metal battens, timber trusses and steel purlins up to 1.9mm thick.

Part	QFind	Gauge	TPI	Length	Pack Qty	Pack Weight
			(mm)	(mm)		(kg)
T9PV3FH1211040	Q303	12	11	40	1000	7.2



Material	Drilling Capacity
Top Hat Batten	0.55 ~ 0.75mm
Steel Purlin	1.20 ~ 1.90mm
Timber, Pine and Hardwood	35 mm minimum embedment



Mechanical Properties	Characteristic*
Tensile Strength (N)	15,110
Shear Strength (N)	8,310
Torsional Strength (Nm)	13.0

Ultimate Pullout Strength (N)		
Base Plate	Mean [^]	Characteristic*
0.48 mm G550 Steel	1,150	950
0.55 mm G550 Steel	1,630	1,350
0.75 mm G550 Steel	2,040	1,800
1.20 mm G450 Steel	3,810	3,480
1.50 mm G450 Steel	4,900	4,190
1.90 mm G450 Steel	6,503	6,138
MGP10 Timber	4,350	3,720
F7 (Pine) Timber	5,550	5,070
F17 (Hardwood) Timber	7,790	7,140
F27 (Hardwood) Timber	10,980	9,210

All values are obtained under laboratory conditions using DRILLX[®] vmaX[®] product. Safety factors should be considered for design purposes.

* Characteristic Strength – is the 5% fractile strength which has a 95% probability of being exceeded at a confidence level of 90%.

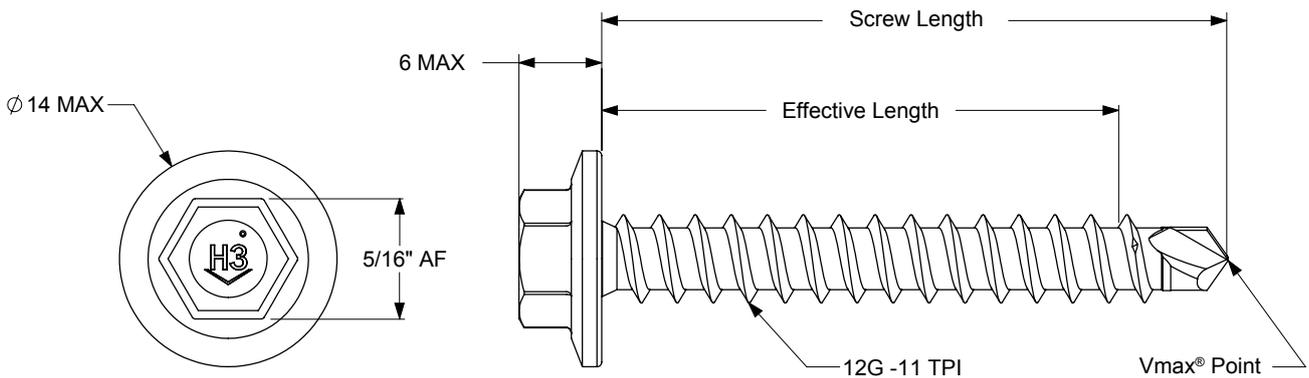
[^] Mean Ultimate Strength – is the average ultimate strength of samples tested.



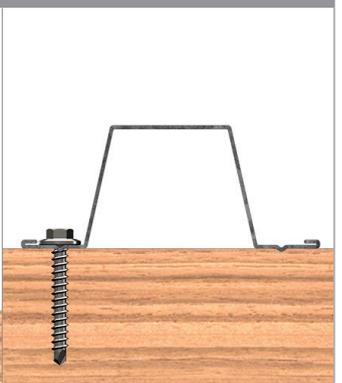
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Part	Length (mm)	Effective Length (mm)
T9PV3FH1211040	39.0 - 41.0	36.1



Installation Instructions

 <p>5/16 inch</p>			
<p>1. Use a 5/16" Hobson Hex Nut Setter: TXDSIS0310045 – 45mm TXDSIS0310065 – 65mm TXDSIS0310100 – 100mm TXDSIS0310150 – 150mm TXDSIS0310200 – 200mm TXDSIS0310300 – 300mm</p>	<p>2. Use a cordless screw driver set between 2,200-3,000 RPM. Fit the Hex Nut Setter over the screw and place at the fastening position.</p>	<p>3. Apply consistently firm pressure to the screw driver while the screw is drilling.</p>	<p>4. Care should be taken not to overtighten the screw.</p>