



PRODUCT DATA

Bi-Metal SDS Flanged Hex Head

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Metal to metal fixing

Applications

- Ideal for marine and corrosive conditions
- Cladding metal sheets
- Examples: Signs, Fences, Sheds

Material

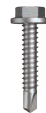


Bi-Metal 304 Stainless

Finish

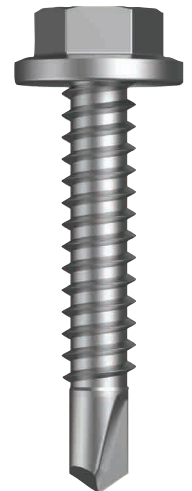


R1000 Hours Protective Coat



Bi-Fix™

DRILLX®



Pullout Values

Plate	Metal Plate Thickness (mm)	¹ Mean Ultimate Strength (N)	² Characteristic Strength (N)	³ Working Load (N)
G2 Purlin	0.8	1100	920	360
G2 Purlin	1.1	1610	1460	580
G550 Purlin	1.5	3730	3270	1310
G450 Purlin	1.9	5080	4590	1830
G450 Purlin	2.5	7120	6660	2660
G2 Purlin	2.9	6530	5690	2270

¹ Mean Ultimate Strength - is the average ultimate strength of samples tested.

² Characteristic Strength - is the 5% fractile strength which has a 95% probability of being exceeded at a confidence level of 90%.

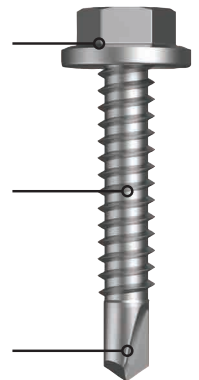
³ Working Load is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor of Safety (FOS=2.5 for steel and FOS=3.0 for concrete) are already included.

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

A2 Stainless Steel base material

R1000 Protective Coat

Heat treated high carbon steel base material



Part	Plate Type (mm)	Load (kg)	Drill Speed (RPM)	Drill time (Maximum individual) Seconds	Drill time (Maximum Average) Seconds	Torsional Strength (Nm)	Head & Shank Bend Angle	Characteristic Shear Strength (N)	Characteristic Tensile Strength (N)
T4MXHH1414025	1.9 G450	18	2200	6	4	10.9	MINIMUM 12°	8330	13890
T4MXHH1414035									
T4MXHH1414052									
T4MXHH1414070									
T4MXHH1414095									

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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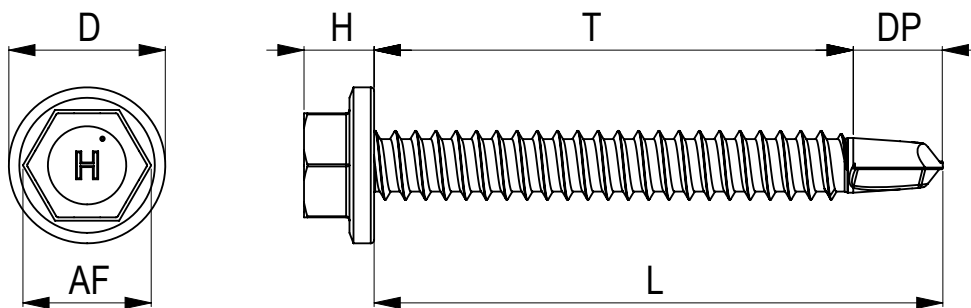


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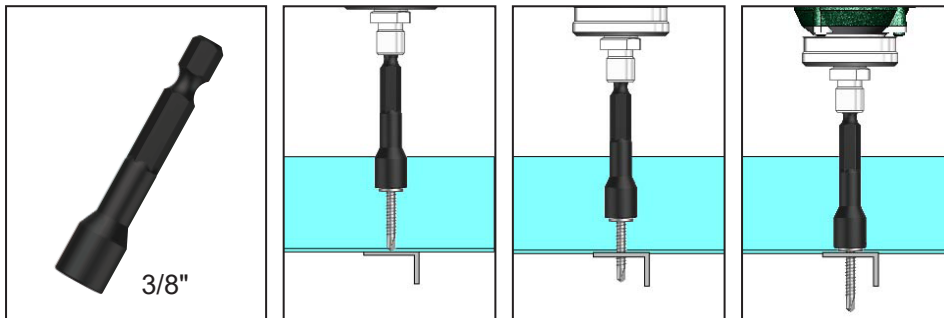
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Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head ϕ	Drive Size	Pack Qty
				L (mm)	T (mm)	DP (mm)	D (mm)	AF (size)	
T4XMXHH1414025	Q904	14	14	25	16 - 17	8.0 - 9.0	10.0 - 11.0	HEX 3/8	500
T4XMXHH1414035	QB03			35	26 - 27				
T4XMXHH1414052	Q906			52	43 - 44				
T4XMXHH1414070	QB04			70	61 - 62				
T4XMXHH1414095	QB05			95	86 - 87				



Installation



Recommended
Hobson HEX 3/8 inch Drive Bit:

TXDIPNSS37045 - 45mm
TXDIPNSS37065 - 65mm
TXDIPNSS37150 - 150 mm

Installation Guide

1. Use a cordless screw driver 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 overtighten the screw.

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