



PRODUCT DATA

Bi-Metal SDS Wafer Head 304SS

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Metal to metal fixing where a low head profile is required.

Applications

- Metal to Metal Fixing: Signage, brackets, furniture
- Cladding metal sheets
- Examples: Stainless/ aluminium/ fibreglass sheeting

Material

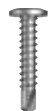


Bi-Metal 304 Stainless

Finish

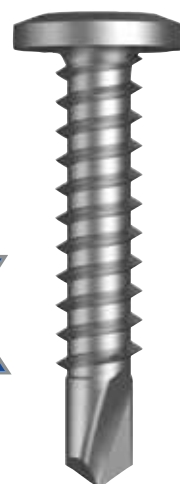


R1000 Hours
Protective Coat



DRILLX[®]

Bi-FIX[™]



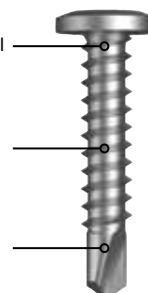
Pullout Values

Plate	Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
G2 Purlin	0.7	950	850	350
G2 Purlin	1.1	1700	1450	550
G550 Purlin	1.5	3600	3400	1400
G450 Purlin	1.9	4950	4550	1800
G450 Purlin	2.4	7150	6450	2600

A2 Stainless Steel
base material

R1000 Hours
Protective Coat

Heat treated high
carbon steel base
material



Part	Drill Point Test					Mechanical Properties				
	Plate Type	Load	Drill Speed	*Drill Time	*Drill Time	Torsional Strength	¹ Mean Tensile Strength	¹ Mean Shear Strength	² Characteristic Tensile Strength	² Characteristic Shear Strength
	(mm)	(kg)	(RPM)	(Max. individual Seconds)	(Max. average Seconds)	(Nm)	(N)	(N)	(N)	(N)
T4XMXWP1016025	1.5 G450	18	2200	4	3	6.9	9800	5900	9450	5700

*Drilling thickness is 4mm max

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 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 pull out loads may differ depending on certain properties of the base material.

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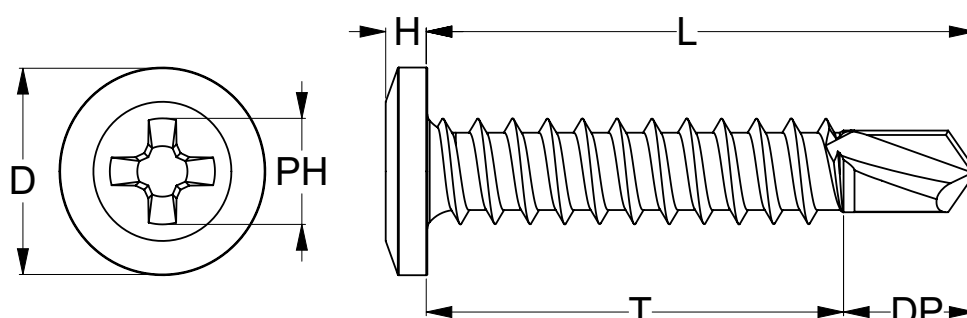


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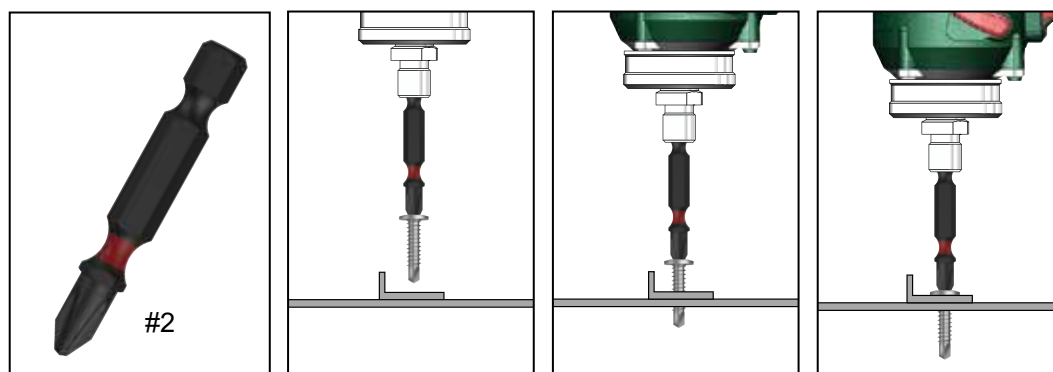
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Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	T (mm)	DP (mm)	H (mm)	D (mm)	PH (size)	
T4XMXWP1016025	Q920	10	16	25	20	5	1.8	9	Phillips #2	500



Installation



Recommended
Phillips #2 Drive Bit:

TXDIPPHS20050 – 50mm
TXDIPPHS20075 – 75mm
TXDIPPHS20100 – 100mm
TXDIPPHS20150 – 150mm

Installation Guide

1. Use a cordless screw driver set between 2,200-3,000 RPM. Fit the Phillips Drive Bit into 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.

*Installation with impact drivers not recommended.

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