



PRODUCT DATA

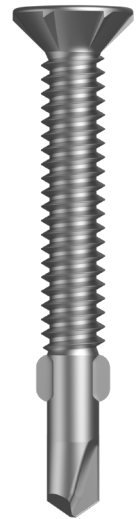
Wing SDS Countersunk

Description

Bi-metallic screws, combining 304 stainless head and shank with high hardness metal drilling point, used for the effective fastening of timber to steel.

DRILLX[®]

10 Gauge Countersunk Head

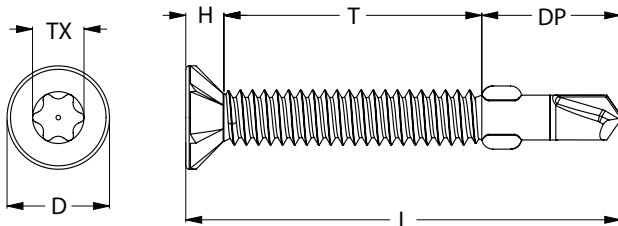


Applications	
• Aluminium	• Plywood
• Steel	• Timber
• Sheet metal	• Treated Pine

Material	304 Stainless CL 3 R1000
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Finish	R1000 Bi-Metal 304 Stainless
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Dimensions



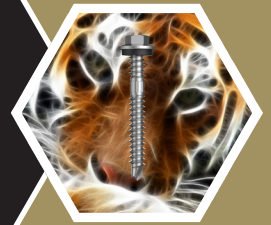
Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head ø	Head Height	Drive Size
				L (mm)	T (mm)	DP (mm)	D (mm)	H (mm)	TX
T4XGXCO1016038	Q945	12	24	125	22	12	9.3	4	T25
T4XGXCO1016050	Q946	10	10	16	38				

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Pullout Values

Plate (Purlin)	Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
G2	0.5	650	550	200
G450	1.5	4200	3850	1550
G450	2.9	7200	6350	2500

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)
6.9	10750	6450	9150	5450

Note: 1000N = 1kN

¹ Mean Load/Strength: 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.

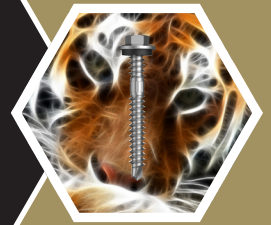
³ Working Load: the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factors of Safety (FOS = 2.5 for steel, FOS = 2.5 for timber and FOS = 3.0 for concrete) are already included.

All values are obtained under laboratory conditions using DRILLX® products. Safety factors should be considered for design purposes. Actual pullout loads may differ depending on certain properties of the base material.

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Installation

1. Use a cordless screw driver set at max. 2200–3000 RPM. Fit the Phillips Drive Bit over the screw and place at the fastening position.
2. Consistently apply firm pressure to the screw driver while the screw is drilling.
3. Take care not to overtighten the screw.

*Installation with impact drivers is not recommended.

Recommended for use with:

POWER PHILLIPS S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150



Recommended
Phillips #2 Drive Bit

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