




# PRODUCT DATA

## Metal Stitching Screw Large Wafer Head

### Self Drilling Needle Point Screw (SDS) #08-15

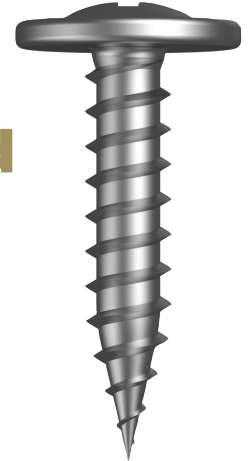
Applications	
<ul style="list-style-type: none"> <li>• General fixing lightweight steel</li> <li>• Sheet metal stitching</li> <li>• Thin gauge sheet steel</li> </ul>	

<b>Material</b>	 C1022 Hardened
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<b>Finish</b>	 Class 3
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Pullout Values				
Plate (Purlin)	Metal Plate Thickness	<sup>1</sup> Mean Load	<sup>2</sup> Characteristic Load	<sup>3</sup> Working Load
	(mm)	(N)	(N)	(N)
G550	0.55	650	550	200

## 8 Gauge Large Wafer Head



Drill Point Test					
Plate (Purlin)	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
	(mm)	(kg)	(RPM)	(Max. individual) Seconds	(Max. average) Seconds
G550	0.55	13	2200	1.5	1.0

Mechanical Properties				
Torsional Strength	<sup>1</sup> Mean Tensile Strength	<sup>1</sup> Mean Shear Strength	<sup>2</sup> Characteristic Tensile Strength	<sup>2</sup> Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
4.4	6550	3950	6400	3850

Note: 1000N = 1kN

<sup>1</sup> Mean Load/Strength is the average ultimate strength of samples tested.

<sup>2</sup> Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

<sup>3</sup> 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 using DRILLX product. 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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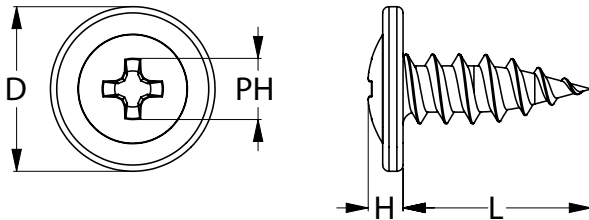




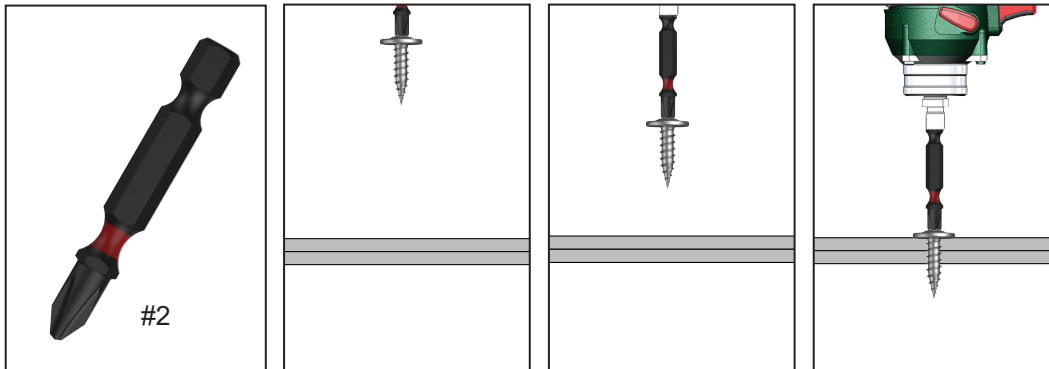
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## Metal Stitching Screw Large Wafer Head

Part	QFind	Gauge	TPI	Length/Thread Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	H (mm)	D (mm)	PH	
T9PN3AP0815012	QA02	8	15	12	1.3	10.5	Phillips #2	1000
T9PN3AP0815016	Q141			16				
T9PN3AP0815020	Q143			20				
T9PN3AP0815025	Q145			25				
T9PN3AP0815032	Q147			32				
T9PN3AP0815040	QA04			40				



### Installation



#### Recommended Phillips #2 Drive Bit:

Part	QFind	Length (mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150

### Installation Guide

1. Use a cordless screw driver set at max 2,500 RPM. Fit the Phillips 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.

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