



PRODUCT DATA

Metal Stitching Screw Button Head

Page 1 of 3

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

Applications

- General fixing to light gauge metal
- Shade cloth, foil insulation, wire mesh, clips
- Ideal for high pollution areas and corrosive conditions

Material

304

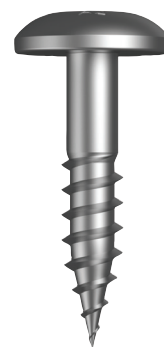
304 Stainless

Finish

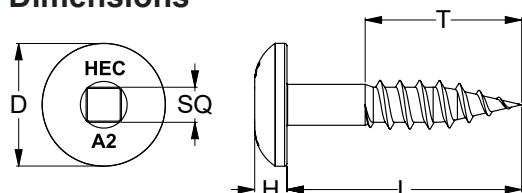
304

304 Stainless

8 Gauge Button Head



Dimensions

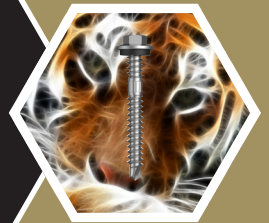


Part	QFind	Gauge	TPI	Length	Thread Length	Head Height	Head ø	Drive Size
				L (mm)	T (mm)	H (mm)	D (mm)	SQ
T04NSUQ0815015	QT21	8	15	15	10	3.7	10.5	Square #2
T04NSUQ0815020	QT22			20	13			
T04NSUQ0815025	QT23			25	17			

Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS** SINCE 1935



PRODUCT DATA

Metal Stitching Screw Button Head

Page 2 of 3

Pullout Values

Plate (Purlin)	Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
G550	0.55	500	350	150

Drill Point Test

Plate (Purlin)	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
(Nm)	(N)	(N)	(N)	(Max. individual) Seconds	(Max. average) Seconds
G550	0.55	13	2200	1.5	1.0

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)
4.4	4300	2600	4150	2500

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.

Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS SINCE 1935**



PRODUCT DATA

Metal Stitching Screw Button Head

Page 3 of 3

Installation

1. Use a cordless screw driver set at max 2,500 RPM. Fit the Square Drive Bit over the screw and place at the fastening position.
2. Apply consistent 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.

Recommended for use with:

POWER SQUARE S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPSQS20100	B375	100
TXDIPSQS20150	B380	150



Recommended
Square #2 Drive Bit

Disclaimer: while every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees disclaim all liability in respect to anything or the consequences of anything done or omitted regarding the whole or any part of this document. HEC product marking is the manufacturing mark of Hobson Engineering. HEC is a registered trademark of Hobson Engineering.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS SINCE 1935**



220125DS