



PRODUCT DATA

Timber Type 17 Bugle Batten Rib

Page 1 of 3

Self Drilling Timber Screw (SDS) #14-10

Applications

- For heavy duty timber fixing
- Roof battens
- Pergolas, furnitures, fences

Material



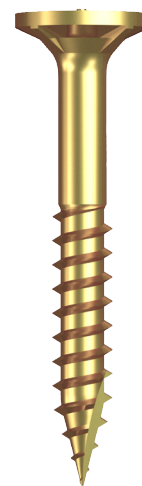
C1022 Hardened

Finish

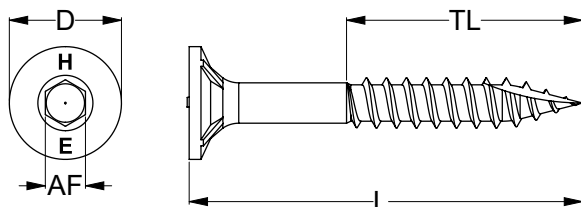


Zinc Yellow Passivate

14 Gauge Bugle Batten iHex Head



Dimensions



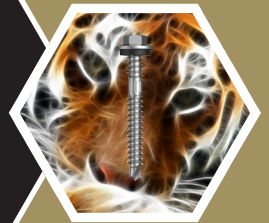
4 ribs under the head to
assist with countersinking
the screw into timber

Part	QFind	Gauge	TPI	Length	Thread Length	Head ø	Drive Size
				L (mm)	TL (mm)	D (mm)	AF (inch)
T9PWYBH1410050	Q712	14	10	50	30	14	HEX #5
T9PWYBH1410065	Q713	14	10	65	45	14	HEX #5
T9PWYBH1410075	Q714	14	10	75	50	14	HEX #5
T9PWYBH1410100	Q716	14	10	100	50	14	HEX #5

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

Timber Type 17 Bugle Batten Rib

Page 2 of 3

Pullout Values

Plate Material	Timber Embedment	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	6450	4350	1750
F27 Hardwood	35	8150	7350	2950

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)
14.1	21950	13150	19650	11800

Drill Point Test

Plate Material	Metal Plate Thickness	Load	Drill Speed	Drill Time	Drill Time
	(mm)	(kg)	(RPM)	(Max. individual) Seconds	(Max. average) Seconds
G300	0.55	18	2200	4.5	3.5

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, 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.

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**



260311DS



PRODUCT DATA

Timber Type 17 Bugle Batten Rib

Page 3 of 3

Installation

1. Use a cordless screw gun set between 1,500 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 over-tighten the screw.

*Installation with impact drivers not recommended.

Recommended for use with:

POWER HEX S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPHXS50050	B351	50



Recommended
HEX 5 mm 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**

