

10-12 HEX HEAD TYPE 17

APPLICATION

Bremick® 10-12 Hex Head Type 17 fully threaded screw is designed for valley fixing roof sheets and side cladding to top hat and timber battens.

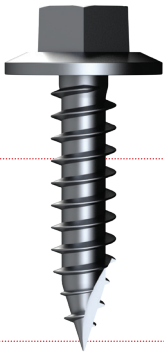
This product is available either bare or with EDPM Sealing Washer.



PRODUCT ATTRIBUTES



B8 Hex Drive provides traceability and offers greater engagement and hex socket stability.



Finish High Corrosion performance with the B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312-2008.

Type 17 Point for drilling into timber while ensuring maximum pullout strength and a high strip torque.

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Timber (JD3 min).
- Metal Battens 0.75mm BMT G550 min.

When fastening to timber, ensure a minimum thread embedment of 25mm.

When fastening metal, ensure 3 threads minimum embedment, protrude below battens / purlins.

In cyclonic regions, consult design professionals for fastener spacing.

INSTALLATION INSTRUCTIONS

1. Use a 5/16" Bremick® Hex Socket.
2. Insert the socket into a Power tool and select a drive speed of 3,000 RPM maximum.
3. Fit the screw into the socket and place the tip of the screw at the fastening position.
4. Apply firm pressure, drive until the screw has fastened. Do NOT overdrive.

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MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
10-12	10.1	11.8	7.2

PULL OUT VALUES

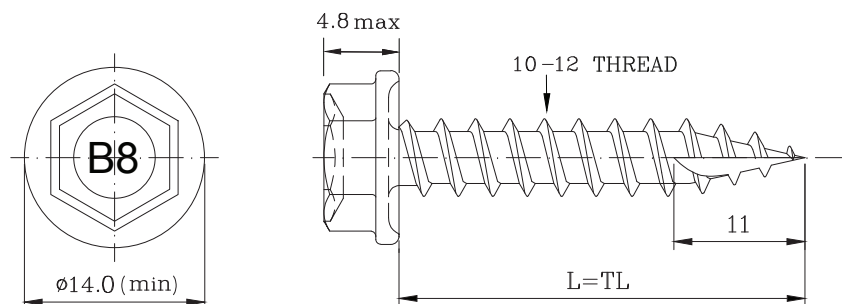
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
10-12	2.9	3.8	4.6	5.6	6.5

Mean Ultimate Pull Out in F17/J3 Timber (Hardwood)

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
10-12	3.8	4.9	6.0	7.0	8.4

Note: The above data represents characteristic capabilities obtained under laboratory conditions and are only applicable to Bremick products. The design professional must apply appropriate safety factors.



RANGE

Product Code	Description	Head Driver	Pack Qty (EA)	Finish	Length L (mm)	Thread Length TL (mm)
STHC8100202	T17 10-12x20 HEX	5/16" Hex	1,000	B8® COATING	20	20
STHC8100252	T17 10-12x25 HEX	5/16" Hex	1,000	B8® COATING	25	25
STHC8100258	T17 10-12x25 HEX	5/16" Hex	100	B8® COATING	25	25
STHC8100251	T17 10-12x25 HEX +SL	5/16" Hex	1,000	B8® COATING	25	25
STHC8100257	T17 10-12x25 HEX +SL	5/16" Hex	100	B8® COATING	25	25
STHC8100302	T17 10-12x30 HEX	5/16" Hex	1,000	B8® COATING	30	30
STHC8100301	T17 10-12x30 HEX +SL	5/16" Hex	1,000	B8® COATING	30	30

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