

12-11 HEX HEAD TYPE 17

APPLICATION

Bremick® 12-11 Hex Head Type17 fully threaded are 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.

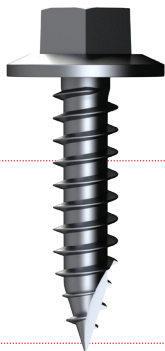


**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

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)
12-11	9.4	15.6	13.3

PULL OUT VALUES

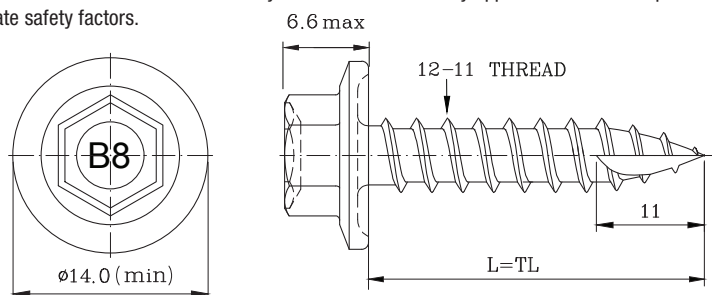
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
12-11	2.6	4.0	4.3	6.3	7.2

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

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
12-11	3.9	5.6	6.5	7.4	8.7

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)
STHC8120252	T17 12-11x25 HEX	5/16" Hex	500	B8® COATING	25	25
STHC8120258	T17 12-11x25 HEX	5/16" Hex	100	B8® COATING	25	25
STHC8120251	T17 12-11x25 HEX +SL	5/16" Hex	500	B8® COATING	25	25
STHC8120257	T17 12-11x25 HEX +SL	5/16" Hex	100	B8® COATING	25	25
STHC8120302	T17 12-11x30 HEX	5/16" Hex	500	B8® COATING	30	30
STHC8120352	T17 12-11x35 HEX	5/16" Hex	500	B8® COATING	35	35
STHC8120358	T17 12-11x35 HEX	5/16" Hex	100	B8® COATING	35	35
STHC8120351	T17 12-11x35 HEX +SL	5/16" Hex	1,000	B8® COATING	35	35
STHC8120402	T17 12-11x40 HEX	5/16" Hex	1,000	B8® COATING	40	40
STHC8120408	T17 12-11x40 HEX	5/16" Hex	100	B8® COATING	40	40
STHC8120401	T17 12-11x40 HEX +SL	5/16" Hex	1,000	B8® COATING	40	40
STHC8120407	T17 12-11x40 HEX +SL	5/16" Hex	100	B8® COATING	40	40

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