

# 12-11 HEX HEAD TYPE17 TOPGRIP™



**REVOLUTIONARY  
PROTECTION &  
PERFORMANCE**  
for corrosive environments

### APPLICATION

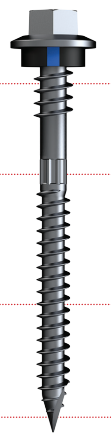
Bremick® 12-11 Hex Head Type17 TopGrip™ screw is designed for crest fixing roof sheets to timber and thin metal top hat battens.

Available with EDPM Sealing Washer only.

### PRODUCT ATTRIBUTES



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



**Top grip™** provides a positive seal and reduces the roof sheet riding down.

**Shank Protector** enlarges the hole cut into the roof sheet sufficiently to minimize abrasion of the coating.

**Finish** high corrosion with the B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312:2019.

**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 1000 to 1500 RPM.
3. Fit the screw into the socket and position the screw point on the crest of the Rib.
4. Commence drilling at "slow speed" to pierce sheeting.
5. Apply firm pressure, drive until the seal seats firmly. Do NOT overdrive. Reverse screw if washer or roof sheet is deformed from over driving.

# 12-11 HEX HEAD TYPE 17 TOPGRIP™

## MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
12-11	9.4	15.6	13.3

## PULL OUT VALUES

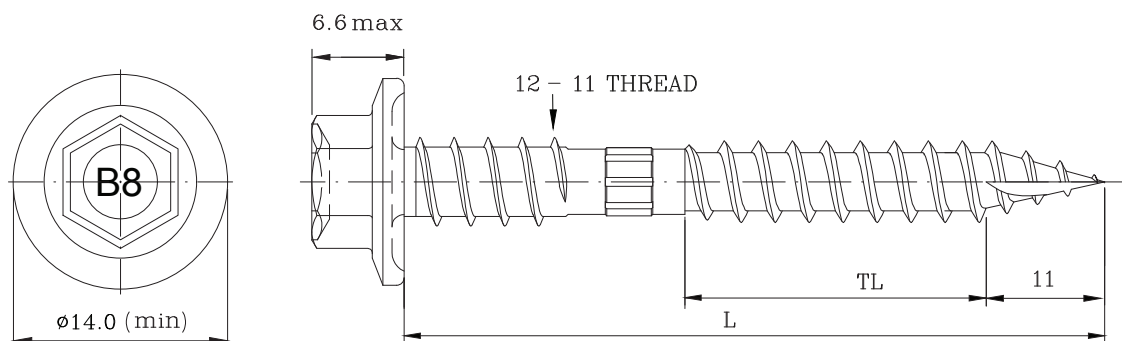
### Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

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)
STHT8120501	T17 12-11x50 HEX +SL	5/16" Hex	1000	B8® COATING	50	31
STHT8120507	T17 12-11x50 HEX +SL	5/16" Hex	100	B8® COATING	50	31
STHT8120651	T17 12-11x65 HEX +SL	5/16" Hex	500	B8® COATING	65	31
STHT8120657	T17 12-11x65 HEX +SL	5/16" Hex	100	B8® COATING	65	31

Whilst every care was taken in the preparation of this publication, Bremick® accepts no responsibility for the accuracy of the information supplied. Bremick® reserves the right to make alterations to specifications as part of ongoing development and improvement. This publication serves as a guide and it's the responsibility of the end user to ensure suitability for their application.

The contents of this publication are the exclusive copyright of Bremick® and may not be reproduced without permission.

## BREMICK®

Bremick Pty Ltd

Head Office | 88 Dalmeny Avenue, Rosebery 2018  
National Distribution Centre | M5/M7 Logistics Park,  
Warehouse 4B, 290 Kurrajong Road, Prestons NSW 2170

[www.bremick.com.au](http://www.bremick.com.au)