

14-10 HEX HEAD TYPE 17 CYCLONIC™



APPLICATION

Bremick® 14-10 Hex Head Type 17 Cyclonic™ screw is designed for crest fixing roof sheets, insulated roof and side panels to timber and thin metal top hat battens in cyclonic regions.

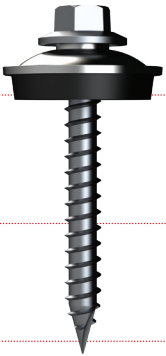
The 14-10 Hex Head Type 17 Cyclonic™ can be used with the Region D® Plate or the BRA® Washer.

**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



B8V Hex Drive provides traceability and offers greater engagement and hex socket stability.



BRA® Washer designed by Bremick® and certified for cyclonic applications.

Finish high corrosion 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 3/8" 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.

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MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-10	11.6	20.3	20.8

PULL OUT VALUES

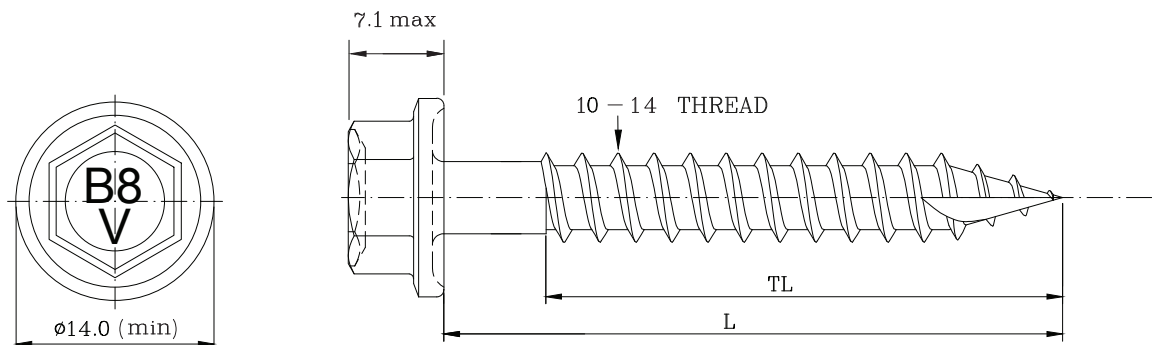
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
14-10	4.5	6.0	6.5	6.9	7.6

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

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
14-10	5.1	7.5	9.1	9.6	11.0

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)
STHC814050D	T17 14-10x50 HEX +BRA	3/8" Hex	250	B8® COATING	50	42
STHC814050R	T17 14-10x50 HEX +REGION "D"	3/8" Hex	250	B8® COATING	50	42
STHC814065D	T17 14-10x65 HEX +BRA	3/8" Hex	250	B8® COATING	65	57
STHC814065R	T17 14-10x65 HEX +REGION "D"	3/8" Hex	200	B8® COATING	65	57
STHC814075B	T17 14-10x75 HEX +BRA	3/8" Hex	100	B8® COATING	75	67
STHC814075R	T17 14-10x75 HEX +REGION "D"	3/8" Hex	100	B8® COATING	75	67

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BREMICK®

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