

14-10 HEX HEAD TYPE 17

APPLICATION

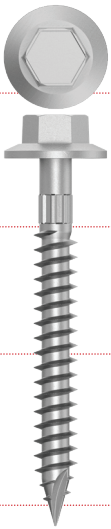
Bremick® 14-10 Hex Head Type 17 screw is designed for crest fixing roof sheets, insulated roof and side panels to timber and thin metal top hat battens.

The product is available in either bare or with an EDPM Sealing Washer. In cyclonic regions the 14-10 Type17 can be used with the Region D Plate or the BRA Washer.



**GALVANISED
CLASS 4**

PRODUCT ATTRIBUTES



B4 Hex Drive provides traceability and offers greater engagement and hex socket stability.

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

Finish High Corrosion performance with the ArmouCoat™ 4. Suitable for Class 4 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

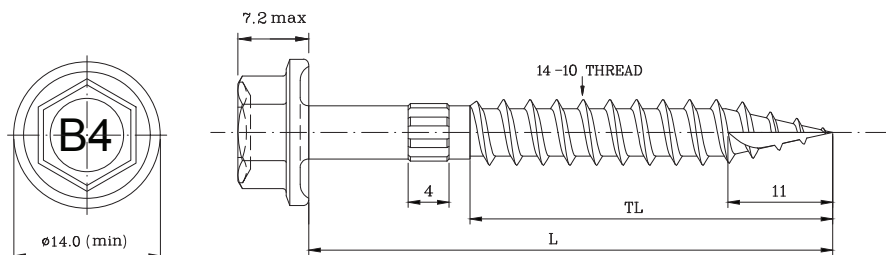
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

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)
STHC4142002	T17 14-10x200 HEX CL4	3/8" Hex	200	CLASS 4	200	100
STHC414200B	T17 14-10x200 HEX CL4 +BRA	3/8" Hex	150	CLASS 4	200	100
STHC4142001	T17 14-10x200 HEX CL4 +SL	3/8" Hex	200	CLASS 4	200	100
STHC4142007	T17 14-10x200 HEX CL4 +SL	3/8" Hex	100	CLASS 4	200	100
STHC4142301	T17 14-10x230 HEX CL4 +SL	3/8" Hex	250	CLASS 4	230	100
STHC414250B	T17 14-10x250 HEX CL4 +BRA	3/8" Hex	150	CLASS 4	250	100
STHC4142501	T17 14-10x250 HEX CL4 +SL	3/8" Hex	150	CLASS 4	250	100
STHC4142752	T17 14-10x275 HEX CL4	3/8" Hex	150	CLASS 4	275	100
STHC4142751	T17 14-10x275 HEX CL4 +SL	3/8" Hex	150	CLASS 4	275	100
STHC4143002	T17 14-10x300 HEX CL4	3/8" Hex	150	CLASS 4	300	100
STHC4143001	T17 14-10x300 HEX CL4 +SL	3/8" Hex	150	CLASS 4	300	100

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