

14-10 HEX HEAD TYPE 17



**GALVANISED
CLASS 4**

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.

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

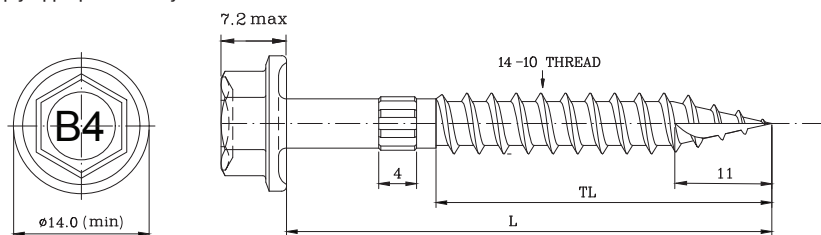
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

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)
STHC4141152	T17 14-10x115 HEX CL4	3/8" Hex	250	CLASS 4	115	80
STHC4141151	T17 14-10x115 HEX CL4 +SL	3/8" Hex	250	CLASS 4	115	80
STHC4141157	T17 14-10x115 HEX CL4 +SL	3/8" Hex	100	CLASS 4	115	80
STHC414125B	T17 14-10x125 HEX CL4 +BRA	3/8" Hex	250	CLASS 4	125	80
STHC4141252	T17 14-10x125 HEX CL4	3/8" Hex	250	CLASS 4	125	80
STHC4141251	T17 14-10x125 HEX CL4 +SL	3/8" Hex	250	CLASS 4	125	80
STHEXC4141251T	T17 14-10x125 HEX CL4 +SL	3/8" Hex	100	CLASS 4	125	80
STHC414150B	T17 14-10x150 HEX CL4 +BRA	3/8" Hex	200	CLASS 4	150	100
STHC4141502	T17 14-10x150 HEX CL4	3/8" Hex	250	CLASS 4	150	100
STHC4141508	T17 14-10x150 HEX CL4	3/8" Hex	100	CLASS 4	150	100
STHC4141501	T17 14-10x150 HEX CL4 +SL	3/8" Hex	250	CLASS 4	150	100
STHC4141507	T17 14-10x150 HEX CL4 +SL	3/8" Hex	100	CLASS 4	150	100
STHC414175B	T17 14-10x175 HEX CL4 +BRA	3/8" Hex	150	CLASS 4	175	100
STHC4141751	T17 14-10x175 HEX CL4 +SL	3/8" Hex	250	CLASS 4	175	100

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