

16-4 COUNTERSUNK RIBBED HEAD TYPE 17 HEAVY DUTY

APPLICATION

Bremick® 16-4 Countersunk Ribbed Head Type 17 screw can be used for heavy duty fastening of timber to timber where additional strength performance is required. Typically for landscaping or outdoor heavy timber construction projects.

Suitable for use with timber sleepers, heavy treated timbers, outdoor timber construction fencing and gates.

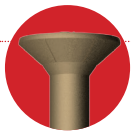
TECHNOGUARD
OUTDOOR
CLASS 3



PRODUCT ATTRIBUTES



Hex Drive For excellent finish robustness and ease of installation, as well as for positive drive under high installation torque.

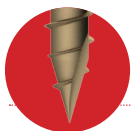


Countersunk Ribbed Head For a secure flush finish.

Finish Technoguard Zinc Rich Alu-Flake Polymer coating; a multilayered Class 3 protective coating, compatible for use in treated timbers.



Knurled Shank and Swarf Channel Helps prevent board lift and removes debris for faster drilling.



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).
- Hardwood (F17 max).

When fastening to timber, ensure a minimum thread embedment of 25mm.

INSTALLATION INSTRUCTIONS

1. Use a Bremick® 6mm internal hexagonal drive bit.
2. Insert the socket into a Power tool and select a drive speed of 3000 RPM maximum.
3. Fit the screw into the socket and position the screw point.
4. Apply consistently firm pressure (end load) to the power tool until the screw has fastened.

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MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
16-4	21.0	35.7	

PULL OUT VALUES

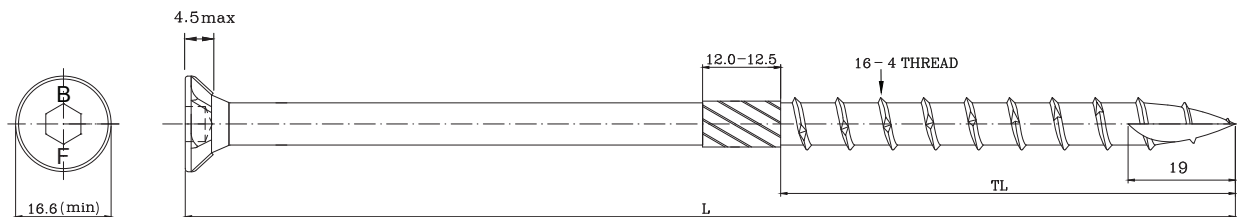
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	45mm Embedment	55mm Embedment	90mm Embedment
16-4	5.5	7.3	13.8

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

SIZE	45mm Embedment	55mm Embedment	90mm Embedment
16-4	14	18.1	35.2

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)
SLSCT162254	T17 16-4x225 CSK	6mm Hex	50	Class 3	225	96
SLSCT162504	T17 16-4x250 CSK	6mm Hex	50	Class 3	250	96
STCSICT162252M	T17 16-4x225 CSK	6mm Hex	50	Class 3	225	96
STCSICT162502M	T17 16-4x250 CSK	6mm Hex	50	Class 3	250	96

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