10-12 WAFER HEAD TYPE 17 CLASS 3



OUTDOOR CLASS 3

APPLICATION

Bremick® 10-12 Wafer Head Type 17 Screw designed for fixing timber to timber, providing a discrete finish in applications such as fencing, furniture, gates, and secret fix clips.

PRODUCT ATTRIBUTES



Wafer Head Low profile head for secret fix cladding.



Finish Corrosion performance of Bremick® Class 3 coating in accordance with ISO 9223-2012 and AS4312:2019 to suit the application.

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® Phillips No.2 drive bit.
2. Insert the drive bit into a Power tool and select a drive speed of 3,000 RPM maximum.
3. Fit the screw into the socket and place the tip of the screw at the fastening position.
4. Apply firm pressure, drive until the screw has fastened. Do NOT overdrive.

BREMICK®

TECHNICAL DATA SHEET
SELF DRILLING SCREWS

10-12 WAFER HEAD TYPE 17 CLASS 3

MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
10-12	10.1	11.8	7.2

PULL OUT VALUES

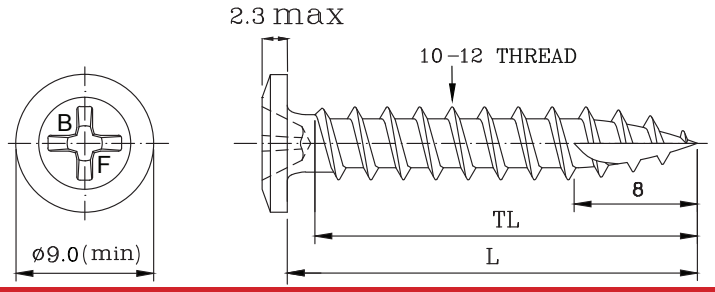
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
10-12	2.9	3.8	4.6	5.6	6.5

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

SIZE	20mm Embedment	25mm Embedment	30mm Embedment	35mm Embedment	40mm Embedment
10-12	3.8	4.9	6.0	7.0	8.4

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)
STWC3100250	T17 10-12x25 WAFER	PHILLIPS DRIVE No.2	100	Class 3	25	24.2
STWC3100252	T17 10-12x25 WAFER	PHILLIPS DRIVE No.2	1000	Class 3	25	24.2
STWC3100254	T17 10-12x25 WAFER	PHILLIPS DRIVE No.2	20	Class 3	25	24.2
STWC3100258	T17 10-12x25 WAFER	PHILLIPS DRIVE No.2	100	Class 3	25	24.2
STWC3100350	T17 10-12x35 WAFER	PHILLIPS DRIVE No.2	50	Class 3	35	34.2
STWC3100352	T17 10-12x35 WAFER	PHILLIPS DRIVE No.2	1000	Class 3	35	34.2
STWC3100358	T17 10-12x35 WAFER	PHILLIPS DRIVE No.2	100	Class 3	35	34.2
STWC3100450	T17 10-12x45 WAFER	PHILLIPS DRIVE No.2	50	Class 3	45	44.2
STWC3100452	T17 10-12x45 WAFER	PHILLIPS DRIVE No.2	2000	Class 3	45	44.2
STWC3100458	T17 10-12x45 WAFER	PHILLIPS DRIVE No.2	100	Class 3	45	44.2

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