

# 14-10 RIBBED BUGLE WINGED DRILLER

## B8® COATING

TORX<sup>+</sup>  
**40**  
Drive



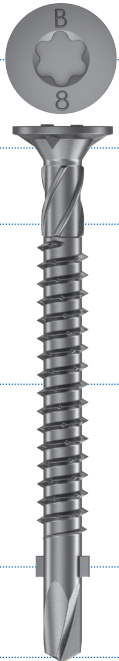
**REVOLUTIONARY PROTECTION & PERFORMANCE**  
for corrosive environments

### APPLICATION

Bremick® 14-10 Ribbed Bugle Winged Drillers B8® coated are designed for fastening timber to steel purlins.

Used for fixing timber decking to steel framing, suitable for use with steel purlins and HRS up to 5mm thick.

### PRODUCT ATTRIBUTES



**T40 Drive** Positive bit engagement allowing for maximum torque to be applied.

**Ribbed Bugle Head** Assists with embedment, to provide a secure flush finish.

**Clearing Thread** Pulls material together tightly and removes debris for a cleaner finish.

**Finish** High Corrosion performance with the B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312:2019.

**Wings** Open a clearance hole in the timber and break off prior to the thread penetrating the metal.

**SDM Point** For drilling into steel while ensuring maximum pullout strength and a high strip torque.

### DRILLING & INSTALLATION CAPACITY

Base Materials:

- Steel Purlins G450 (1.5mm min).
- Steel HRS G300 (5.0mm max).

When fastening metal, ensure 3 threads minimum embedment, protrude below battens / purlins.

### INSTALLATION INSTRUCTIONS

1. Use a Bremick® T40 Drive bit.
2. Insert the drive bit into a power tool and select a drive speed of 3000 RPM maximum.
3. Fit the screw into the drive bit and place the tip of the screw at the fastening position.
4. Apply firm pressure, drive until the screw has fastened. Do NOT overdrive.

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## MECHANICAL PROPERTIES

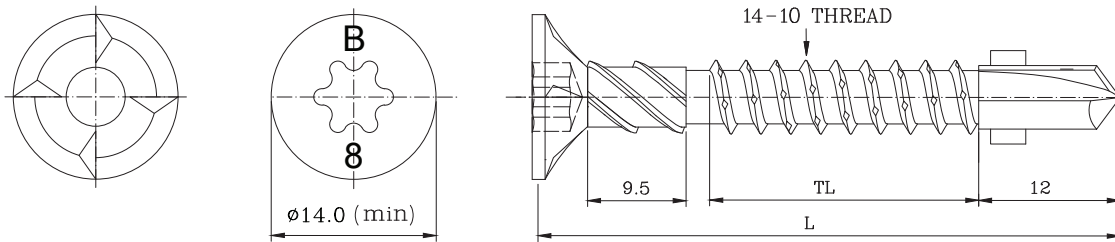
SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-10	11.1	20.3	20.8

## PULL OUT VALUES

### Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450	3.0mm BMT G450	4.0mm BMT G450
14-10	4.6	6.4	8.4	9.8	12.0

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	Drive	Pack Qty (EA)	Finish	Length L (mm)	Thread Length TL (mm)
SWBBTC8140752T	SDM BUGLE WING 14-10x75	T40 Drive	100	B8® COATING	75	43
SWBBTC8141002T	SDM BUGLE WING 14-10x100	T40 Drive	100	B8® COATING	100	63

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## BREMICK®

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