

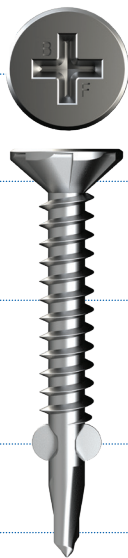
10-16 COUNTERSUNK RIBBED HEAD WINGED SDM CLASS 3



APPLICATION

Bremick® 10-16 Countersunk Head Winged SDM design for heavy duty fastening of timber to metal. Suitable for use with timber floor, fences and composite boards to metal.

PRODUCT ATTRIBUTES



Countersunk Ribbed Head For a secure flush finish.

Phillips Drive No.2 For excellent finish robustness and ease of installation, as well as for positive drive under high installation torque.

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

Winged 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:

- Metal batten G550 (1.2mm min).
- Steel Purlins G450 (4.5mm max).

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

INSTALLATION INSTRUCTIONS

1. Use a Bremick® Phillips Recess No. 2 Drive.
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 place the tip of the screw at the fastening position.
4. Apply firm pressure, drive until the screw has fastened. Do NOT overdrive.

10-16 COUNTERSUNK RIBBED HEAD WINGED SDM

MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
10-16	6.3	11.1	8.3

PULL OUT VALUES

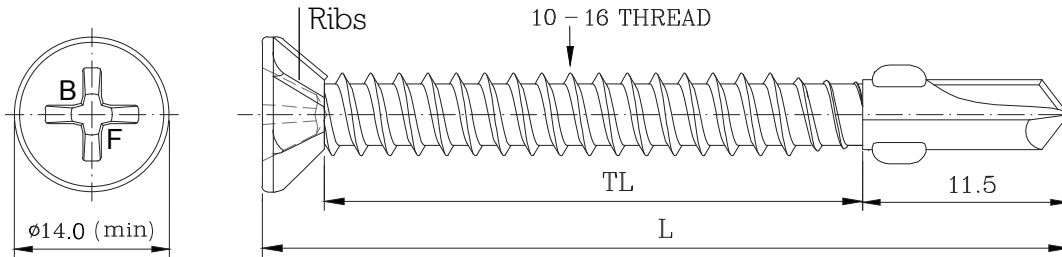
Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450	3.0mm BMT G450
10-16	4.3	5.2	6.7	7.2

Mean Ultimate Pull Out Force kN – Metal Battens and Metal Studs

SIZE	0.42mm BMT G550	0.55mm BMT G550	0.75mm BMT G550	1.0mm BMT G550
10-16	0.9	1	1.8	2.2

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)
SWRC3100350	WNG SDM 10-16x35 CSK RIB CL3 -Clam	Phillips Recess No.2	50	Class 3	35	18
SWRC3100352	WNG SDM 10-16x35 CSK RIB CL3	Phillips Recess No.2	500	Class 3	35	18
SWRC3100452	WNG SDM 10-16x45 CSK RIB CL3	Phillips Recess No.2	500	Class 3	45	30
SWRC3100456	WNG SDM 10-16x45 CSK RIB CL3 -250	Phillips Recess No.2	250	Class 3	45	30
SWRC3100458	WNG SDM 10-16x45 CSK RIB CL3 - 100	Phillips Recess No.2	100	Class 3	45	30
SWRC3100552	WNG SDM 10-16x55 CSK RIB CL3	Phillips Recess No.2	1,000	Class 3	55	40
SWRC3100556	WNG SDM 10-16x55 CSK RIB CL3 -250	Phillips Recess No.2	250	Class 3	55	40
SWRC3100558	WNG SDM 10-16x55 CSK RIB CL3 - 100	Phillips Recess No.2	100	Class 3	55	40
SWRC3100752	WNG SDM 10-16x75 CSK RIB CL3	Phillips Recess No.2	1,000	Class 3	75	40
SWRC3100756	WNG SDM 10-16x75 CSK RIB CL3 -250	Phillips Recess No.2	250	Class 3	75	40

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