

14-14 HEX HEAD SDM

APPLICATION

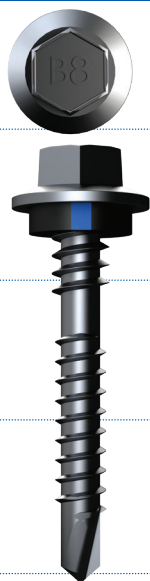
Bremick® 14-14 Hex Head SDM screw is designed for crest pierce fixing roof, side cladding, insulation roof and side panels to steel purlins.

Available either bare or with EDPM Sealing Washer. In cyclonic regions the 14-14 Hex Head SDM can be used with either Region D® cyclone plates or BRA® Washer.



**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



B8® Hex Drive provides traceability and offers greater engagement and hex socket stability.

Top grip provides a positive seal and reduces the roof sheet riding down.

Finish High Corrosion performance with the B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312-2008.

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

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Metal Battens 1.2mm BMT G550 min.
- Steel Purlins 5.0mm BMT G450 max.

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

INSTALLATION INSTRUCTIONS

1. Use a 3/8" Bremick® Hex Socket.
2. Insert the socket 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.

14-14 HEX HEAD SDM

MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-14	11.4	19.5	21.0

PULL OUT VALUES

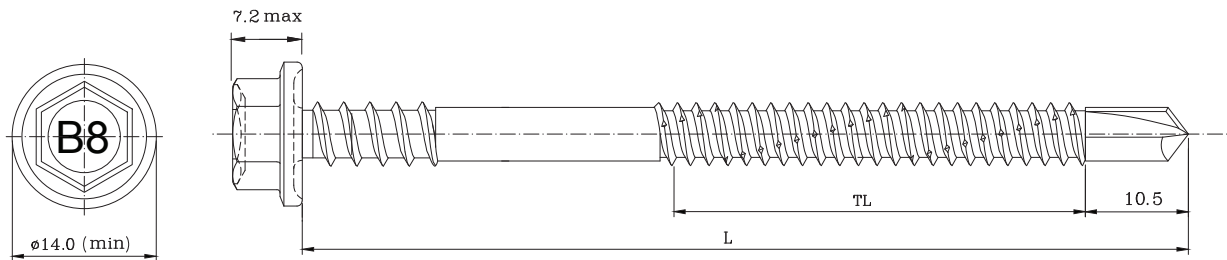
Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	1.0mm BMT G450	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450	3.0mm BMT G300	4.0mm BMT G300
14-14	2.8	3.6	4.5	6.1	8.0	9.2	12.8

Mean Ultimate Pull Out Force kN – Metal Battens

SIZE	0.42mm BMT G550	0.55mm BMT G450	0.55mm BMT G550	0.75mm BMT G550	0.9mm BMT G550	1.0mm BMT G550	1.2mm BMT G550
14-14	1.0	1.0	1.1	1.9	2.3	2.6	2.8

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)
SMHC8141257	SDM 14-14x125 HEX B8(Cat5) +SL	3/8" Hex	100	B8® COATING	125	75
SMHC8141507	SDM 14-14x150 HEX B8(Cat5) +SL	3/8" Hex	100	B8® COATING	150	95

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