

14-14 HEX HEAD SDM

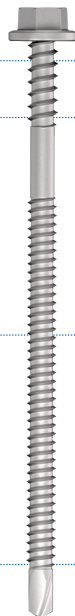
APPLICATION

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.

**GALVANISED
CLASS 4**

PRODUCT ATTRIBUTES



B4 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 ArmourCoat™ 4. Suitable for Class 4 corrosive environments in accordance with ISO 9223-2012 and AS4312-2019.

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

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Metal Battens G550
- Steel Purlins G450

Max drilling capacity of 5.0mm.

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

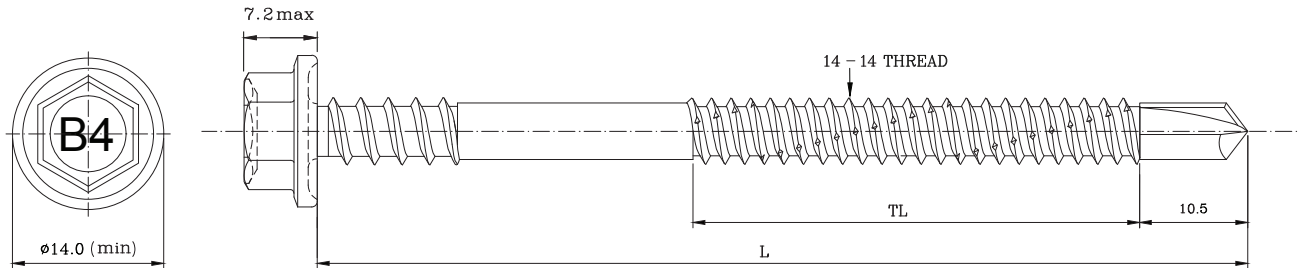
SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-14	11.4	19.5	21.0

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

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)
SMHC4141152	SDM 14-14x115 HEX	3/8" Hex	250	CLASS 4	115	75
SMHC414115B	SDM 14-14x115 HEX +BRA	3/8" Hex	250	CLASS 4	115	75
SMHC4141252	SDM 14-14x125 HEX	3/8" Hex	250	CLASS 4	125	75
SMHC414125B	SDM 14-14x125 HEX +BRA	3/8" Hex	150	CLASS 4	125	75
SMHC4141251	SDM 14-14x125 HEX +SL	3/8" Hex	250	CLASS 4	125	75
SMHC4141352	SDM 14-14x135 HEX	3/8" Hex	250	CLASS 4	135	95
SMHC414135B	SDM 14-14x135 HEX +BRA	3/8" Hex	250	CLASS 4	135	95
SMHC4141351	SDM 14-14x135 HEX +SL	3/8" Hex	250	CLASS 4	135	95
SMHC4141502	SDM 14-14x150 HEX	3/8" Hex	250	CLASS 4	150	95
SMHC414150B	SDM 14-14x150 HEX +BRA	3/8" Hex	150	CLASS 4	150	95
SMHC4141501	SDM 14-14x150 HEX +SL	3/8" Hex	250	CLASS 4	150	95
SMHC4141752	SDM 14-14x175 HEX	3/8" Hex	250	CLASS 4	175	120
SMHC414175B	SDM 14-14x175 HEX +BRA	3/8" Hex	125	CLASS 4	175	120
SMHC4141751	SDM 14-14x175 HEX +SL	3/8" Hex	250	CLASS 4	175	120

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