

14-14 HEX HEAD SDM



**GALVANISED
CLASS 4**

APPLICATION

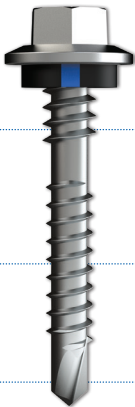
Bremick® 14-14 Hex Head SDM screw is designed for crest pierce fixing roof, side cladding, insulation roof and side panels to steel purlins.

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.

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

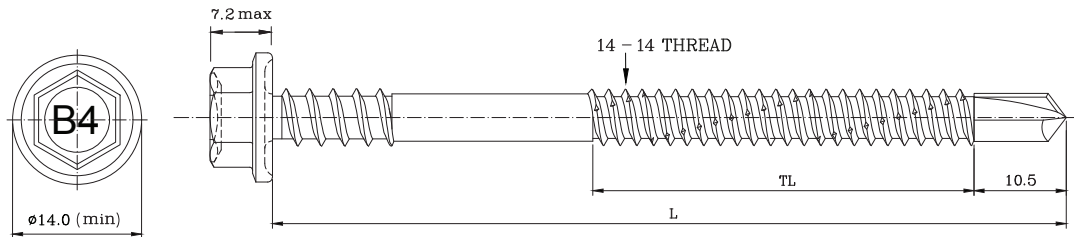
Mean Ultimate Pull Out Force kN – Steel Purlins

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

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)
SMHC414205B	SDM 14-14x205 HEX +BRA	3/8" Hex	100	CLASS 4	205	120
SMHC4142051	SDM 14-14x205 HEX +SL	3/8" Hex	200	CLASS 4	205	120
SMHC4142057	SDM 14-14x205 HEX +SL -100	3/8" Hex	100	CLASS 4	205	120
SMHC414230B	SDM 14-14x230 HEX +BRA	3/8" Hex	100	CLASS 4	230	120
SMHC4142301	SDM 14-14x230 HEX +SL	3/8" Hex	200	CLASS 4	230	120
SMHC414250B	SDM 14-14x250 HEX +BRA	3/8" Hex	100	CLASS 4	250	120
SMHC4142501	SDM 14-14x250 HEX +SL	3/8" Hex	150	CLASS 4	250	120
SMHC414275B	SDM 14-14x275 HEX +BRA	3/8" Hex	100	CLASS 4	275	120
SMHC4142751	SDM 14-14x275 HEX +SL	3/8" Hex	150	CLASS 4	275	120
SMHC414300B	SDM 14-14x300 HEX +BRA	3/8" Hex	100	CLASS 4	300	120
SMHC4143001	SDM 14-14x300 HEX +SL	3/8" Hex	150	CLASS 4	300	120

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