

# 14-14 HEX HEAD SDM



**GALVANISED  
CLASS 4**

## APPLICATION

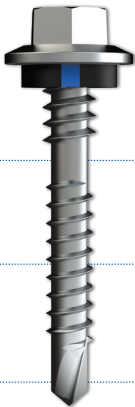
Bremick® 14-14 Hex Head SDM screw is designed for crest pierce fixing roof, side cladding, insulation roof and side panels to steel purlins.

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.

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## MECHANICAL PROPERTIES

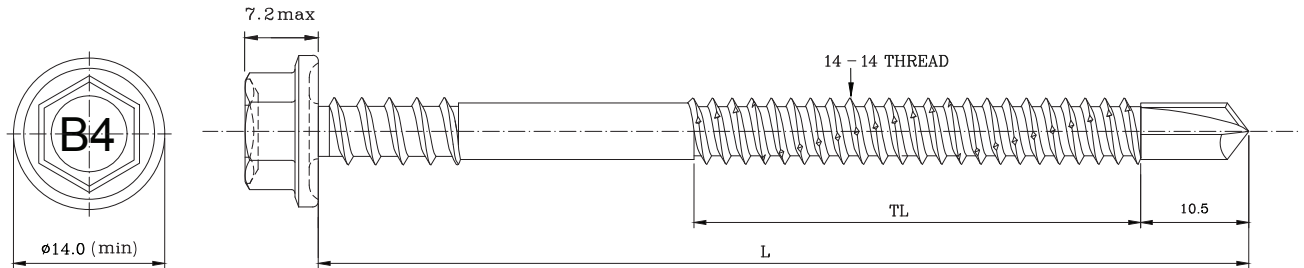
| SIZE  | Single Shear (kN) | Axial Tensile (kN) | Torsional (Nm) |
|-------|-------------------|--------------------|----------------|
| 14-14 | 11.4              | 19.5               | 21.0           |

## 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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