

14-20 HEX HEAD SDM DEEP DRILLER™

APPLICATION

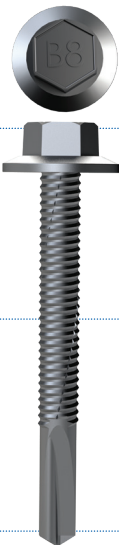
Bremick® 14-20 Hex Head SDM Deep Driller™ Screw is used for metal-to-metal fixing of thick steel purlin and hot rolled steel.

Used for metal-to-metal fixing in the steel industries where thick steel sections are used. A general all-purpose metal to thick metal fixing product. Only available without seal.



**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



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

Finish performance with the B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312-2019.

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

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Steel Purlins and HRS 3.0mm minimum to 12.0mm maximum.

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

14-20 HEX HEAD
SDM DEEP DRILLER™

MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-20	11.2	22.2	20.4

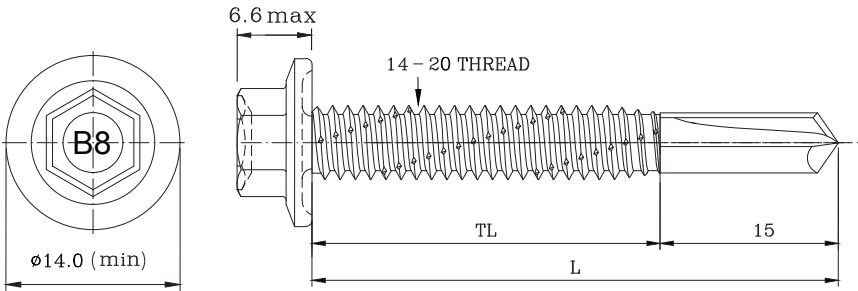
PULL OUT VALUES

Mean Ultimate Pull Out Force kN – Steel Purlins & HRS

SIZE	3.0mm BMT G450	3.0mm HRS G300	5.0mm HRS G300	6.0mm HRS G300	8.0mm HRS G300	12.0mm HRS G300
14-20	6.1	8.2	12.6	16.9	22.2*	22.2*

*In the case of the 8.0mm and 12.0mm HRS the fasteners failed in tension before they were pulled out from HRS.

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)
S5HC8140382	DEEP DRILLER SDM 14-20x38	3/8" Hex	500	B8® COATING	38	22

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