

12-24 HEX HEAD SDM DEEP DRILLER™

APPLICATION

Bremick® 12-24 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.

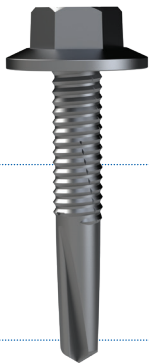


**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

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 AS4312-2008.

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 3.0mm minimum to 12.0mm maximum.

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

INSTALLATION INSTRUCTIONS

1. Use a 5/16" 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

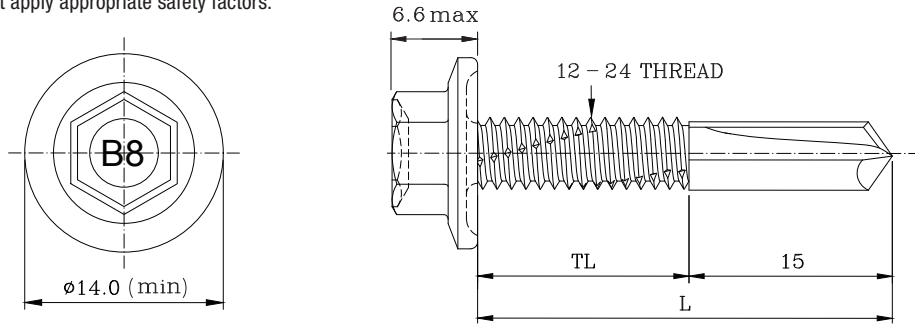
SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
12-24	8.9	16.0	13.3

PULL OUT VALUES

Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	3.0mm BMT G300	4.0mm BMT G300	8.0mm BMT G300
12-24	7.8	10.0	15.0

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)
S5HC8120322	DEEP DRILLER 12-24x32 HEX	5/16" Hex	500	B8® COATING	32	15.7
S5HC8120328	DEEP DRILLER 12-24x32 HEX	5/16" Hex	100	B8® COATING	32	15.7
S5HC8120321	DEEP DRILLER 12-24x32 HEX +SL	5/16" Hex	500	B8® COATING	32	15.7
S5HC8120327	DEEP DRILLER 12-24x32 HEX +SL	5/16" Hex	100	B8® COATING	32	15.7
S5HC8120502	DEEP DRILLER 12-24x50 HEX	5/16" Hex	1,000	B8® COATING	50	33.9
S5HC8120508	DEEP DRILLER 12-24x50 HEX	5/16" Hex	100	B8® COATING	50	33.9
S5HC8120501	DEEP DRILLER 12-24x50 HEX +SL	5/16" Hex	1,000	B8® COATING	50	33.9
S5HC8120507	DEEP DRILLER 12-24x50 HEX +SL	5/16" Hex	100	B8® COATING	50	33.9
S5HC8120652	DEEP DRILLER 12-24x65 HEX	5/16" Hex	1,000	B8® COATING	65	48.7
S5HC812065B	DEEP DRILLER 12-24x65 HEX +BRA	5/16" Hex	250	B8® COATING	65	48.7
S5HC8120651	DEEP DRILLER 12-24x65 HEX +SL	5/16" Hex	1,000	B8® COATING	65	48.7
S5HC8120657	DEEP DRILLER 12-24x65 HEX +SL	5/16" Hex	100	B8® COATING	65	48.7
S5HC8120802	DEEP DRILLER 12-24x80 HEX	5/16" Hex	500	B8® COATING	80	63.7
S5HC8120808	DEEP DRILLER 12-24x80 HEX	5/16" Hex	100	B8® COATING	80	63.7

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