

M6.2-13 HEX HEAD VORTEX CYCLONIC™



APPLICATION

Bremick® M6.2-13 Hex Head Vortex Cyclonic™ screw is designed for crest fixing roof sheets to timber and thin metal top hat battens.

The M6.2-13 Vortex Cyclonic™ is used with the Region D plate assembly and is suitable for cyclonic regions.



**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



B8V Hex Head 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 B8® Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312-2008.

Vortex® Point for faster starting, no skidding and stable installation.

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Timber (JD3 min).
- Metal Battens 0.55mm BMT G550 min.
- Steel Purlins 1.5mm BMT G450 max.

When fastening to timber, ensure a minimum thread embedment of 25mm.

When fastening metal, ensure 3 thread minimum embedment, protrude below battens / purlins. In cyclonic regions, consult design professionals for fastener spacing.

INSTALLATION INSTRUCTIONS

1. Use a 3/8" Bremick® Hex Socket.
2. Insert the socket into a Power tool and select a drive speed of 1000 to 1500 RPM.
3. Fit the screw into the socket and position the screw point on the crest of the Rib.
4. Commence drilling at "slow speed" to pierce sheeting.
5. Apply firm pressure, drive until the seal seats firmly. Do NOT overdrive. Reverse screw if washer or roof sheet is deformed from over driving.

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MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
M6.2-13	11.0	16.7	14.1

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
M6.2-13	3.5	4.9	5.4	8.0

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
M6.2-13	1.5	1.5	2.0	2.5	3.1	3.5	4.9

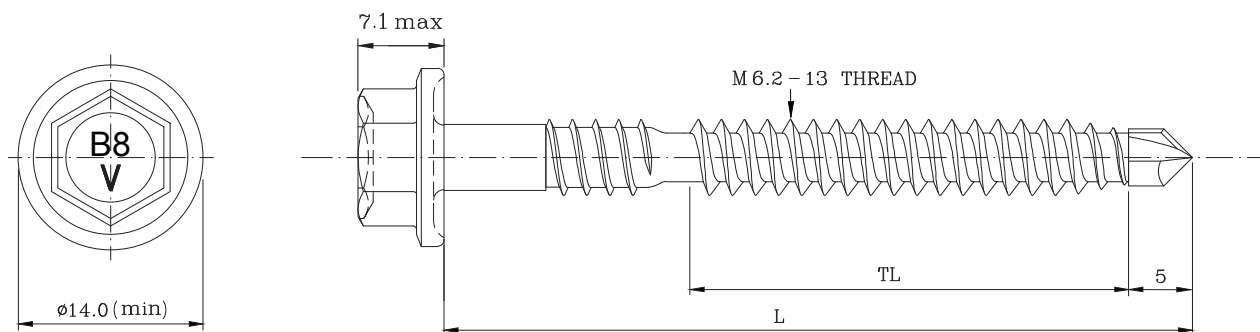
Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)

SIZE	25mm Embedment	30mm Embedment	35mm Embedment
M6.2-13	3.1	4.7	6.2

Mean Ultimate Pull Out in F17/J3 Timber (Hardwood)

SIZE	25mm Embedment	30mm Embedment	35mm Embedment
M6.2-13	4.6	6.2	6.5

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)
SUHC862055R	SDMT HEX B8(Cat5) 6.2-13x55 +REGION "D"	3/8" Hex	250	B8® COATING	55	34
SUHC862065R	SDMT HEX B8(Cat5) 6.2-13x65 +REGION "D"	3/8" Hex	250	B8® COATING	65	44

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