

M6.5-13 HEX WASHER HEAD

VORTEX® REROOF B8® COATING

APPLICATION

Bremick® Vortex® Re-Roof screw is designed for reroofing applications where there are pre-existing holes in the substrate due to previous screw installations.

The screw features a larger shank diameter than standard roofing screws, allowing it to effectively re-engage with the existing hole. This design improves hold down forces and pull-out resistance, ensuring secure clamping of the roof sheet to the supporting structure during replacement or retrofit.



**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



B8® Hex Washer Head Broad holding power means materials are brought together and held in position resisting warp and head pull through.



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 AS4312:2019.

Vortex® Point Suitable for drilling into timber and thin metal while ensuring maximum pullout strength.

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Timber (JD3 min).
- Metal Battens 0.75mm BMT G550 min.
- Steel Purlins 1.9mm BMT G450 max.

When fastening to timber, ensure a minimum thread embedment of 35mm.

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 1000 to 1500 RPM.
3. Fit the screw into the socket and position the screw point in the pre-drilled hole.
4. Commence drilling at "slow speed" to engage 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)
M6.5-13	14.7	18	17.5

PULL OUT VALUES

Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450
M6.5-13	4.4	5.6	7.8

Mean Ultimate Pull Out Force kN – Metal Battens

SIZE	0.55mm BMT G550	0.75mm BMT G550	0.95mm BMT G550	1.15mm BMT G550
M6.5-13	1.6	2.5	3	4.8

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

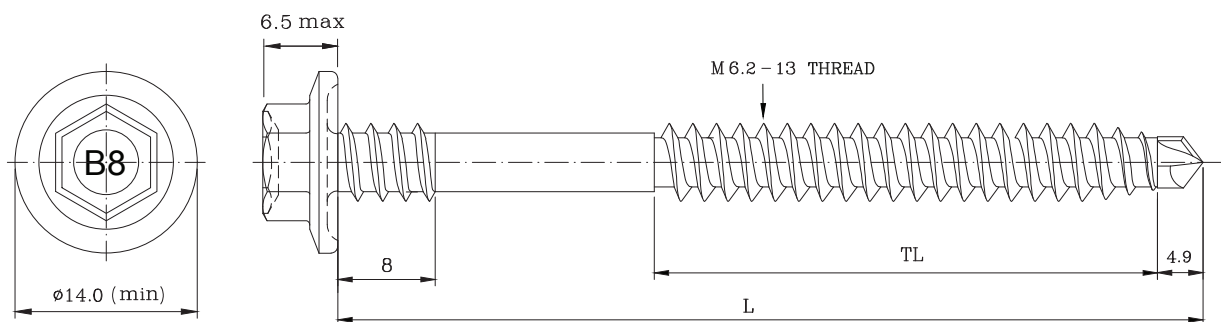
SIZE	35mm Embedment
M6.5-13	4.6

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

SIZE	35mm Embedment
M6.5-13	7.4

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.

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RANGE

Product Code	Description	Head Driver	Pack Qty (EA)	Finish	Length L (mm)	Thread Length TL (mm)
SUHT8650551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL	5/16" Hex	250	B8® COATING	55	35.5
SUHT8650551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL	5/16" Hex	100	B8® COATING	55	35.5
SUHT8650557	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -100	5/16" Hex	100	B8® COATING	55	35.5
SUHT8DU6551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -DU	5/16" Hex	100	B8® COATING	55	35.5
SUHT8M06551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -MO	5/16" Hex	250	B8® COATING	55	35.5
SUHT8SH6551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -SH	5/16" Hex	100	B8® COATING	55	35.5
SUHT8SM6551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -SM	5/16" Hex	250	B8® COATING	55	35.5
SUHT8SM6557	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -100 -SM	5/16" Hex	100	B8® COATING	55	35.5
SUHT8WA6551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -WA	5/16" Hex	100	B8® COATING	55	35.5
SUHT8WG6551	VORTEX REROOF 6.5-13x55 HEX B8(Cat5) +SL -WG	5/16" Hex	100	B8® COATING	55	35.5
SUHT8650701	VORTEX REROOF 6.5-13x70 HEX B8(Cat5) +SL	5/16" Hex	250	B8® COATING	70	40
SUHT8650707	VORTEX REROOF 6.5-13x70 HEX B8(Cat5) +SL -100	5/16" Hex	100	B8® COATING	70	40

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