

# M6.2-10 HEX HEAD VORTEX SHED™



**REVOLUTIONARY  
PROTECTION &  
PERFORMANCE**  
for corrosive environments

## APPLICATION

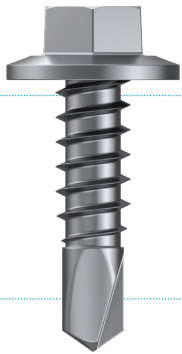
Bremick® M6.2-10 Vortex Shed™ screw is designed for fixing steel to steel for sheds.

The product is only available without an EPDM sealing washer.

## PRODUCT ATTRIBUTES



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



**Finish** High corrosion performance with the B8® Coating or ArmourCoat™ 4. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312:2019.

**Vortex® Shed™ 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 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.

# M6.2-10 HEX HEAD VORTEX SHED™

## MECHANICAL PROPERTIES

| SIZE    | Single Shear (kN) | Axial Tensile (kN) | Torsional (Nm) |
|---------|-------------------|--------------------|----------------|
| M6.2-10 | 11.1              | 20.3               | 20.8           |

## PULL OUT VALUES

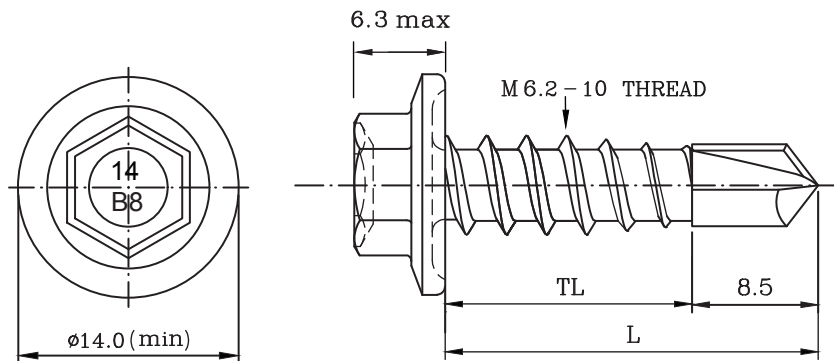
### Mean Ultimate Pull Out Force kN – Steel Purlins

| 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 |
|---------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| M6.2-10 | 3.0            | 3.7            | 4.6            | 6.4            | 8.4            | 9.8            | 12.0           |

### 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 |
|---------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|
| M6.2-10 | 1.1             | 1.1             | 1.1             | 1.8             | 2.1            | 2.5            | 2.7            |

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) |
|---------------|----------------------------|-------------|---------------|-------------|---------------|-----------------------|
| SVSHXC862022I | VORTEX SHED M6.2-10x22 HEX | 5/16" Hex   | 500           | B8® COATING | 22            | 13.5                  |
| SVSHXC462022I | VORTEX SHED M6.2-10x22 HEX | 5/16" Hex   | 500           | CLASS 4     | 22            | 13.5                  |

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