

SOLAR PANEL ROOFING SCREW



REVOLUTIONARY PROTECTION & PERFORMANCE
for corrosive environments

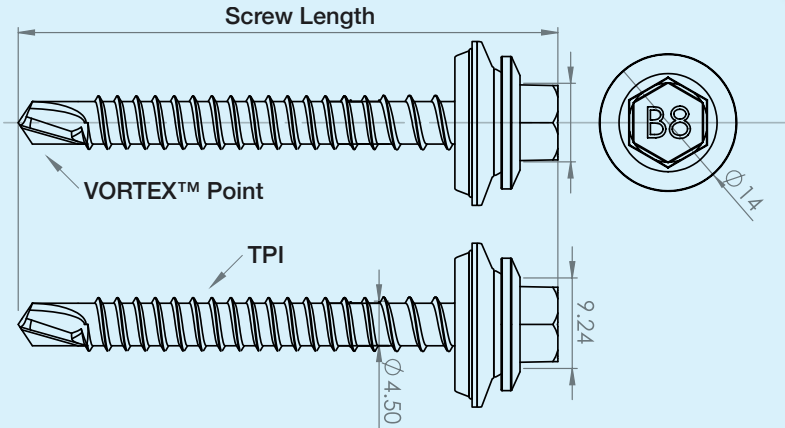
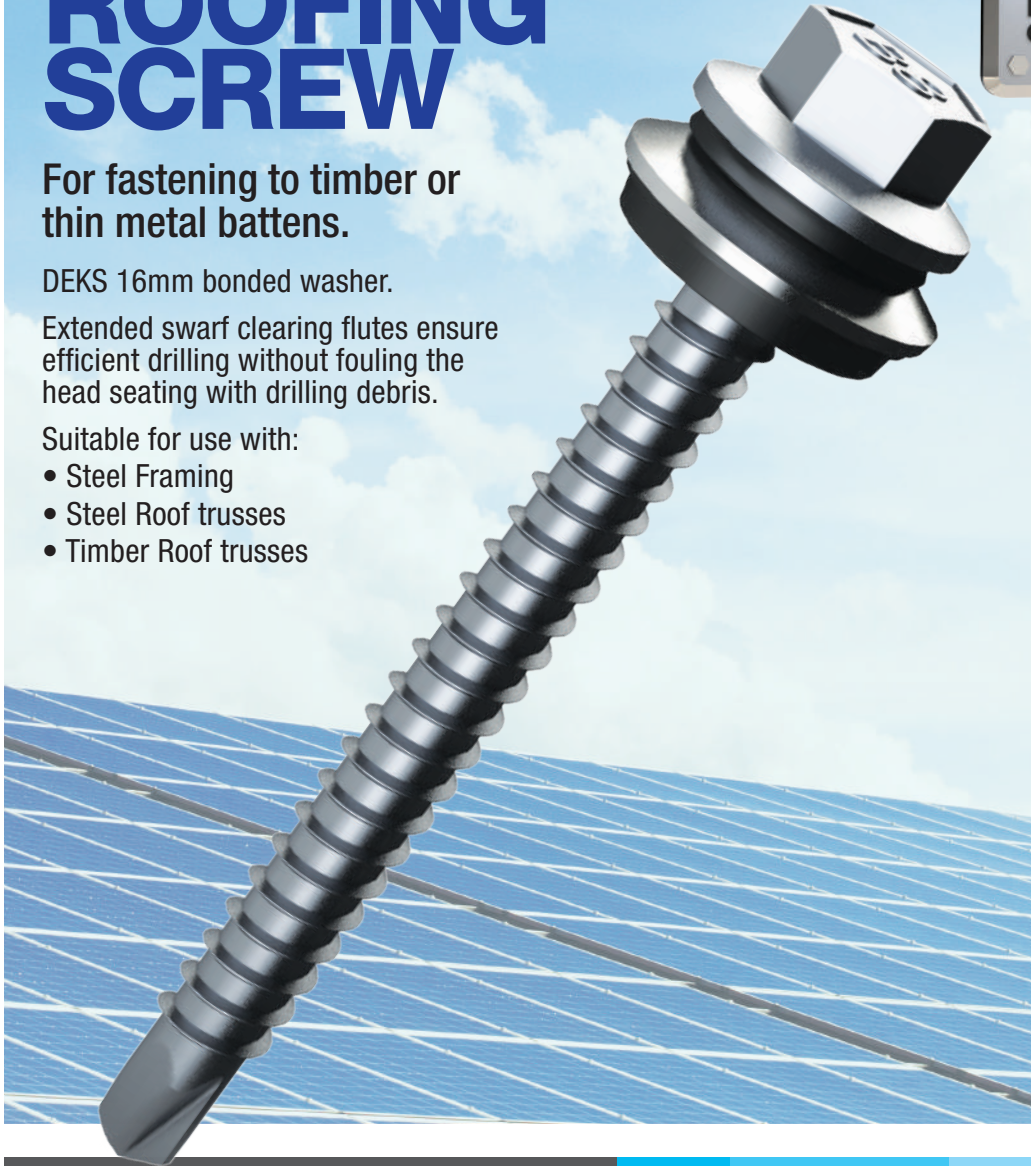
For fastening to timber or thin metal battens.

DEKS 16mm bonded washer.

Extended swarf clearing flutes ensure efficient drilling without fouling the head seating with drilling debris.

Suitable for use with:

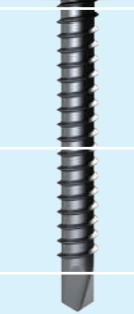
- Steel Framing
- Steel Roof trusses
- Timber Roof trusses



B8 Hex head provides traceability, consistency and stable driving.



Deckfast Aluminium Seal engineered for a watertight seal



Vortex™ Thread provides superior thread engagement & pull-out in both metal and timber.

Vortex™ Patented Universal Drill Point suitable for fastening to thin metal battens, steel purlins up to 1.5mm thick and timber.

Product Description	Pack Quantity	Product Code	Hex Driver	Screw Length	Grip Length (Min)	Shank Diameter (mm)	Threads per Inch	Single Shear (KN)	Axial Tensile (KN)	Torsional (Nm)	Maximum Drilling Capacity
Hex Head B8 6.2mm x 80mm	500	SVROXL86208061	5/16	80mm	15mm	6.2	13	11.0	16.7	14.1	1.5mm (Steel)

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Installation Recommendations

For best results use a power screw driver with variable speed.

For best results initial drive speed should be:

- 1000 to 1500 RPM for timber.
- 2000 to 2500 RPM for steel.

Only use Bremick Drive 5/16 Drive Bits.

Axial Withdrawal Forces for Metal Battens & Studs, Steel Purlins & Steel Supports

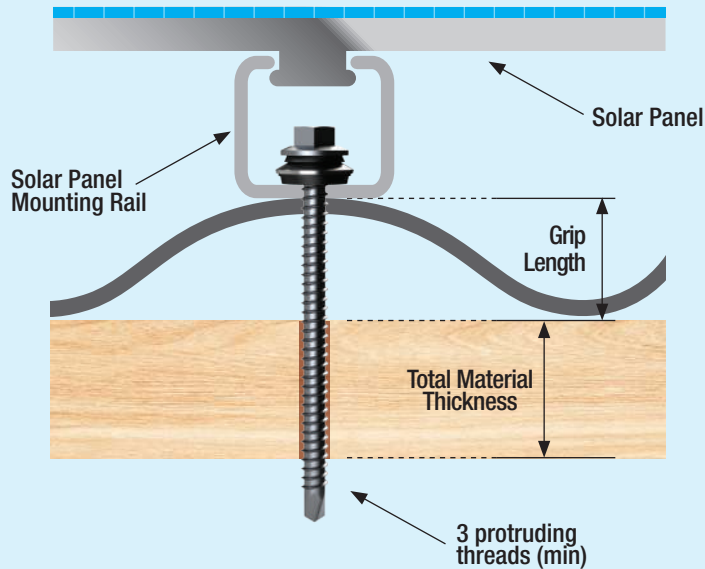
Mean Ultimate Pull Out Force KN – Metal Battens							
Product	0.42mm BMT G550	0.55mm BMT G450	0.55mm BMT G550	0.75mm BMT G550	0.9mm BMT G550	1.0mm BMT G550	1.2mm BMT G550
M6.2-11	1.5	1.5	2.0	2.5	3.1	3.5	4.9

Mean Ultimate Pull Out Force KN – Steel Purlins				
Product	1.0mm BMT G450	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450
M6.2-11	3.5	4.9	5.4	8.0

Axial Withdrawal Forces for Timber

Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine) Embedment Depth			
Product	25mm	30mm	35mm
M6.2-11	3.1	4.7	6.2

Mean Ultimate Pull Out in F17/J3 Timber (Hardwood) Embedment Depth			
Product	25mm	30mm	35mm
M6.2-11	4.6	6.2	6.5



Base Materials:

- When fastening to timber (JD3 min.) ensure a minimum thread embedment of 29mm.
- Metal Battens 0.75mm BMT G550 min
- Steel Purlins 1.5mm BMT G450 max.

Only use Bremick Drive Bits. In cyclonic regions, consult design professionals for fastener spacing.



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for corrosive environments

2X PROTECTION

More than double the Corrosion protection of conventional Class 4 in category 5 environments.

8X TOUGHER

Than conventional Class 4
Extremely abrasion resistant. Minimal coating loss during installation.

30% FASTER DRILLING

Than conventional Class 4