

Technical Data Sheet

Ref: TDS-01-RF-09

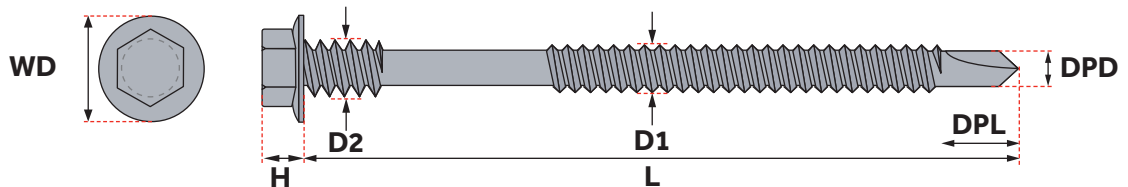
Metal Construction Composite Panel Screws

Composite Panel to Light Section Steel - Hex - EPDM Washer - Self Drilling - Bi-Met

Features

- Specifically designed to attach composite panel to light section steel (Max. 5mm).
- 8mm hex head for improved driving performance with a socket driver.
- Comes with a 16mm EPDM washer to prevent water ingress.
- Exterior/Silver organic plated for increased corrosion resistance & an aesthetic finish.
- Self tapping split thread.
- No.3 drill point.
- Bi-Met screws combine the ultimate corrosion resistance of an A2 stainless steel fastener with the exceptional drilling performance of a carbon steel drill tip.

Dimensional Data



Product Code	Diameter (D1/D2)	Length (L)	Washer Diameter (WD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Min - Max Panel Thickness
BMLH70W16	5.5/6.3	70	16	4.8	9	20 - 50
BMLH100W16	5.5/6.3	100	16	4.8	9	50 - 80

All stated figures (mm) are approx and for reference only.

Performance Data

Test material	:	S275JR steel
Screw diameter	:	5.5/6.3
Test plate thickness	:	5.0 mm
Rec. Pull out (kN)	:	4.4

Test data stated is for reference only as this may not represent the actual figures you may achieve in application.

Installation Data

Diameter	:	5.5/6.3
RPM	:	1000-1800
Max. Drill capacity	:	5.0 mm

Additional Information

To ensure an effective fixing, thread must be visible behind the supporting steel after application.