

Technical Data Sheet

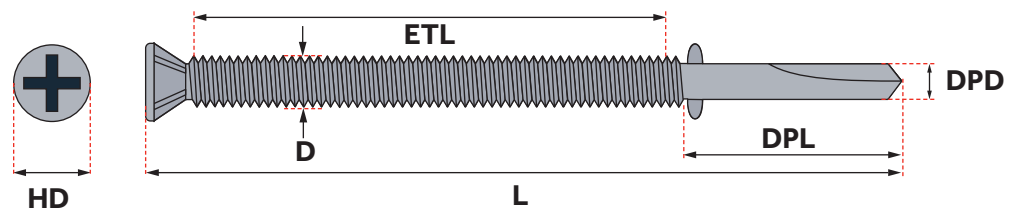
Ref: TDS-01-RF-16

Timber to Heavy Section Screws Countersunk - Wing Tip - Self Drilling - Bi-Met

Features

- Specifically designed to attach wood to metal (Max. 12.0mm).
- Fine metric thread with wings designed to ream out the timber to achieve Max. RPM.
- No. 5 drill point.
- Self-countersinking ribbed head.
- 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	Size (D x L)	Max. Drilling Thickness	Driver Bit Size	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)
BMHW55	5.5x55	12.0	PH3	10.8	5.1	21.0	24
BMHW65	5.5x65	12.0	PH3	10.8	5.1	21.0	34
BMHW85	5.5x85	12.0	PH3	10.8	5.1	21.0	45 *P/T
BMHW120	5.5x120	12.0	PH3	10.8	5.1	21.0	45 *P/T

*P/T = Partially Threaded . All stated figures (mm) are approx and for reference only.

Performance Data

Test material	:	S275JR steel
Screw diameter	:	5.5
Test plate thickness	:	10.0 mm
Rec. Pull out (kN)	:	3.67

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
RPM	:	1000-1800
Max. Drill capacity	:	12.0 mm

Additional Information

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