

Technical Data Sheet

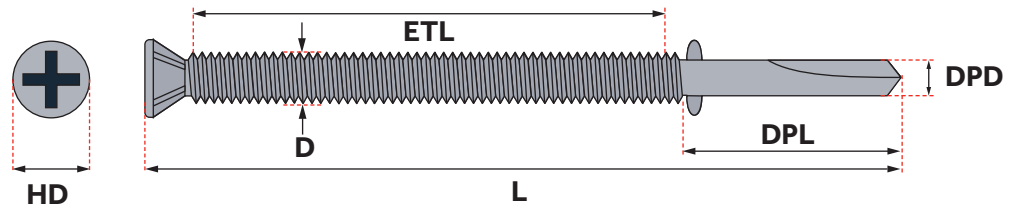
Ref: TDS-01-RF-15

Timber to Heavy Section Screws Countersunk - Wing Tip - Self Drilling - Zinc

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 (No. 4 drill point for HW45B).
- Zinc plated.
- Self-countersinking ribbed head.
- Conforms to BS EN 10666.

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)
HW45B	5.5x45	12.0	PH2	11.5	5.1	21.0	15
HW65B	5.5x65	12.0	PH3	11.5	5.1	25.0	31
HW85B	5.5x85	12.0	PH3	11.5	5.1	25.0	51
HW100B	5.5x100	12.0	PH3	11.5	5.1	25.0	67
HW120B	5.5x120	12.0	PH3	11.5	5.1	25.0	51 *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)	:	6.40

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.