

Technical Data Sheet

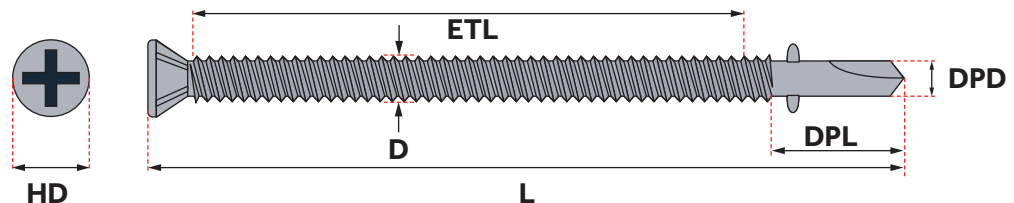
Ref: TDS-01-RF-13

Timber to Light Section Screws Countersunk - Wing Tip - Self Drilling - Exterior

Features

- Specifically designed to attach wood to metal (Max. 5.0mm).
- Coarse 60° self-tapping thread with wings designed to ream out the timber to achieve Max. RPM.
- No. 3 drill point.
- Exterior/ Silver organic plated to achieve in excess of 500hrs in accordance with BS EN 9227.
- 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)	Max Fixture Thickness (MFT)	Effective Thread Length
LW4238S	4.2x38	3.0	PH2	9.5	3.3	11	18	19
LW38S	4.8x38	4.0	PH2	10.0	3.8	13	18	16
LW50S	5.5x50	5.0	PH3	11.0	4.5	15	28	26
LW65S	5.5x65	5.0	PH3	11.0	4.5	15	43	41
LW85S	5.5x85	5.0	PH3	11.0	4.5	15	63	61
LW100S	5.5x100	5.0	PH3	11.0	4.5	15	78	61 *P/T

*P/T - Partially Threaded

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

Performance Data

Test material	:	S275JR steel	S275JR steel	S275JR steel
Screw diameter	:	4.2	4.8	5.5
Test plate thickness	:	3.0 mm	4.0 mm	5.0 mm
Rec. Pull out (kN)	:	2.41	4.14	4.87

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

Installation Data

Diameter	:	4.2	4.8	5.5
RPM	:	1800-2500	1800-2500	1000-1800
Max. Drill capacity	:	3.0 mm	4.0 mm	5.0 mm

Additional Information

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