

Technical Data Sheet

Ref: TDS-01-RF-01

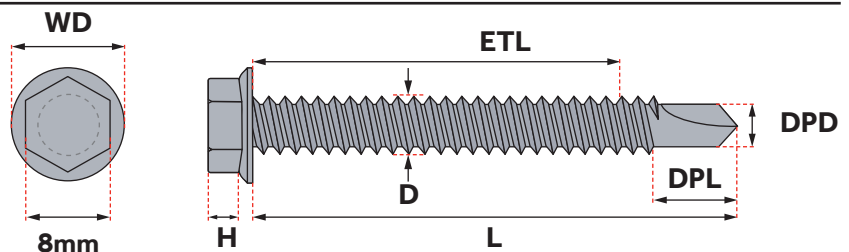
Metal Construction Light Section Screws

Light section steel - Hex - Self Drilling - Zinc

Features

- Specifically designed to attach steel to steel (Max. 5mm).
- Hex head for improved driving performance with a socket driver.
- Zinc CR3 plated (Trivalent Chromium).
- Self tapping thread.
- Self drilling tip.
- Conforms to BS EN 10666.
- Conforms to BS EN 14566:2008+A1:2009

Dimensional Data



Product Code	Diameter (D)	Length (L)	Head Height (H)	Fixed Washer Diameter (WD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)
00812HWSD	4.2	13	2.60	8.5	3.4	4.50	4.0
00834HWSD	4.2	19	2.60	8.5	3.4	4.50	10.0
01012HWSD	4.8	13	2.85	10.0	3.9	5.15	4.0
01058HWSD	4.8	16	2.85	10.0	3.9	5.15	7.0
01034HWSD	4.8	19	2.85	10.0	3.9	5.15	10.0
01234HWSD	5.5	19	3.75	11.0	4.55	7.15	8.0
00121HWSD	5.5	25	3.75	11.0	4.55	7.15	14.0
12114HWSD	5.5	32	3.75	11.0	4.55	7.15	21.0
12112HWSD	5.5	38	3.75	11.0	4.55	7.15	27.0
12134HWSD	5.5	45	3.75	11.0	4.55	7.15	34.0

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

Performance Data

Test material	:	S275JR steel
Screw diameter	:	12g / 5.5
Test plate thickness	:	5.0 mm
Rec. Pull out (kN)	:	4.80

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	4.0	5.0

Additional Information

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