



PRODUCT DATASHEET

Fine Thread Drywall Screw (Zinc)

Product Details

Purpose:	Fixing plasterboard to metal stud up to 1.2mm
Head style:	Bugle
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	Electroplated Zinc
Thread Form:	Twin thread, fine
Recess Type:	Phillips 2
Drill Point:	Super sharp point
Recommended Drill Speed:	1500 - 2500 RPM

Fine Thread Drywall Screw (Zinc) Range- Products for use in very light steel

SKU	Nominal Dimensions, dnom x Lnom (mm)	Effective Thread Length, Lthread (mm)	Fixture Thickness (mm)
DWSZ25	3.5 x 25.0	Full	15.0
DWSZ32	3.5 x 32.0	Full	22.0
DWSZ38	3.5 x 38.0	Full	28.0
DWSZ42	3.5 x 42.0	Full	32.0
DWSZ50	3.5 x 50.0	Full	40.0
DWSZ65	4.2 x 65.0	50.0	55.0
DWSZ75	4.2 x 75.0	50.0	65.0
DWSZ90	4.2 x 90.0	60.0	80.0
DWSZ100	4.2 x 100.0	60.0	90.0
DWSZ125	4.8 x 125.0	60.0	115.0
DWSZ150	4.8 x 150.0	60.0	140.0

Ultimate Withdrawal Resistance, N_{Rk} , from S355JP Steel (N)

Nominal Diameter (mm)	Nominal Substrate Thickness, t_{nom} (mm)		
	0.6 mm	1.0 mm	1.2 mm
3.5	800 N	1,900 N	2,100 N
4.2	900 N	1,800 N	2,200 N
4.8	900 N	2,200 N	2,600 N

Ultimate Mechanical Performance

Property	Magnitude (N)		
	3.5 mm	4.2 mm	4.8 mm
Tensile Capacity, $F_{ult,Rk}$	6,100 N	7,300 N	11,00 N
Shear Capacity, $V_{ult,Rk}$	4,500 N	4,900 N	7,300 N

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.
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