



# PRODUCT DATASHEET

## Fine Thread Drywall Screw (Phosphate)

### Product Details

Purpose:	Fixing plasterboard to metal stud up to 1.2mm
Head style:	Bugle
Shank Material:	Carbon steel
Material Grade:	SAE C1022
Coating:	Black Phosphate
Thread Form:	Twin thread, fine
Recess Type:	Phillips 2
Drill Point:	Super sharp point
Recommended Drill Speed:	4000 - 6000 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)
DWSP25	3.5 x 25.0	Full	15.0
DWSP32	3.5 x 32.0	Full	22.0
DWSP35*	3.5 x 35.0	Full	25.0
DWSP38	3.5 x 38.0	Full	28.0
DWSP42	3.5 x 42.0	Full	32.0
DWSP45*	3.5 x 45.0	Full	35.0
DWSP50	3.5 x 50.0	Full	40.0
DWSP55	3.5 x 55.0	Full	45.0
DWSP3925*	3.9 x 25.0	Full	15.0
DWSP3935*	3.9 x 35.0	Full	25.0
DWSP3945*	3.9 x 45.0	Full	35.0
DWSP3955*	3.9 x 55.0	Full	45.0
DWSP65	4.2 x 65.0	50.0	55.0
DWSP4270*	4.2 x 70.0	50.0	60.0
DWSP75	4.2 x 75.0	50.0	65.0
DWSP100	4.2 x 100.0	60.0	90.0
DWSP110*	4.8 x 110.0	60.0	100.0
DWSP120*	4.8 x 120.0	60.0	110.0
DWSP130*	4.8 x 130.0	60.0	120.0
DWSP150*	4.8 x 150.0	60.0	140.0
DWSP170*	4.8 x 170.0	60.0	160.0

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### Ultimate Withdrawal Resistance, $N_{Rk}$ , from S355JR Steel (N)

Nominal Diameter (mm)	Nominal Substrate Thick- ness, $t_{nom}$ (mm)
	0.6 mm
3.5	700 N
3.9	800 N
4.2	800 N
4.8	900 N

### Ultimate Mechanical Performance

Nonimal Diameter (mm)	Magnitude (N)	
	Tensile Capacity, $F_{ult,Rk}$	Shear Capacity, $V_{ult,Rk}$
3.5	5,600	4,300
3.9	7,800	6,200
4.2	8,400	7,000
4.8	11,000	7,300

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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