



PRODUCT DATASHEET

BUGLE HEAD SELF-DRILL DRYWALL SCREW

PRODUCT DETAILS

Purpose:	Fixing plasterboard to heavier gauge metal section (up to 2.5mm)
Head style:	Bugle
Thread Form:	Fine thread
Drive bit:	Phillips 2
Drill point:	Self drill point
Thread form:	Twin
Coating:	Electroplated zinc
Shank material:	Carbon Steel SAE C1022
Material grade:	AISI C1022
Recommended drill speed:	2000-3000RPM

Bugle head self-drill drywall screws

Product Code	Size	Effective Thread	Fixture Thickness
DWSDZ25	3.5 x 25.0mm	Fully threaded	12.0mm
DWSDZ32	3.5 x 32.0mm	Fully threaded	15.0mm
DWSDZ38	3.5 x 38.0mm	Fully threaded	20.0mm
DWSDZ42	3.5 x 42.0mm	Fully threaded	25.0mm
DWSDZ50	3.5 x 50.0mm	Fully threaded	35.0mm
DWSDZ65	4.2 x 65.0mm	50.0mm	50.0mm
DWSDZ75	4.2 x 75.0mm	50.0mm	60.0mm
DWSDZ90	4.8 x 90.0mm	60.0mm	75.0mm
DWSDZ100	4.8 x 100.0mm	60.0mm	85.0mm
DWSDZ125	4.8 x 125.0mm	80.0mm	110.0mm

Technical Data

Ultimate pull out values (metallic substrate)

Diameter	Drill Point	Steel Thickness		
		1.2mm	1.6mm	2.5mm
3.5mm	Self drill point	1.5kN	2.0kN	4.0kN
4.2mm	Self drill point	1.7kN	2.2kN	4.5kN
4.8mm	Self drill point	1.8kN	2.2kN	4.8kN

Ultimate pull out values (timber substrate)

Diameter	Drill Point	Embedment Depth	
		15.0mm	27.0mm
3.5mm	Self drill point	0.9kN	1.6kN
4.2mm	Self drill point	1.1kN	1.8kN
4.8mm	Self drill point	1.5kN	3.0kN

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
3.5mm	7.3kN	5.0kN
4.2mm	11.0kN	7.5kN
4.8mm	14.2kN	9.8kN

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-assumptit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.
 ©Evolution Fasteners UK Ltd, 2021.