

ALPHA DRYWALL SELF-DRILL SCREWS

ALPHA
DRYWALL SYSTEMS

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Alpha Drywall System Self-Drill Screws

Alpha Self-Drill Screws are manufactured for use in light gauge applications; 0.8mm to 2.5mm mild steel and drywall track and ceiling track.

Drill capacity: 0.8 - 2.5mm

Compatible with most common Drill brands; Festool, Dewalt, Makita, Milwaukee, Bosch, Metabo HPT, Craftsman, Hilti

(Note: further test are being undertaken for other drill guns, refer to our website for up to date list)

Product code, description and dimensions

Product Code	Product	Nominal Dimensions, Dnom x Lnom (mm)	Effective Thread Length, Lthread (mm)
STO6349	12mm Self-Drill	4.2mm x 12mm self-drill	7

TECHNICAL DATA

Ultimate Mechanical Performance

Diameter	Tensile Capacity, Fult,Rk Magnitude	Shear Capacity Vult,Rk Magnitude
4.2mm	11kN	7.5kN

Minimum Axial Force for Withdrawal

When self-drilling screws intended for fixing to steel are tested in accordance with Appendix D, the force required to withdraw the screw from the test plate shall be not less than the values given in Table 2.4.

Size Designation	Minimum Axial Withdrawal Force (kilonewtons)
ST. 4.8 (No 10)	2.5
ST. 5.5 (No. 12)	2.8
ST. 6.3 (No. 14)	3.1

Product Information

Quantity: 1000 screws in a box
Material: Carbon Steel Shank with Electroplated Zinc coating
Recess Type: Phillips 2
Drill Point: Self-Drill point
Thread Form: Fine thread
Colour: Zinc