

PRODUCT DATASHEET

WAFER HEAD SELF-DRILL DRYWALL SCREW



PRODUCT DETAILS

Purpose:	The assembly of drywall track and ceiling track systems
Head style:	Wafer head
Drive Bit:	Phillips 2
Thread Form:	Single
Coating:	Electroplated Zinc
Shank Material:	Carbon steel
Material Grade:	AISI C1022

GENERAL PHYSICAL CHARACTERISTICS

SKU	Nominal Dimensions, $d_{nom} \times L_{nom}$ (mm)	Drill Point	Drilling Capacity
WHSDZ12	4.2 x 12.0mm	Tek 2	0.8 - 2.5mm
WHSDZ16	4.2 x 16.0mm	Tek 2	0.8 - 2.5mm
WHSDZ19	4.2 x 19.0mm	Tek 2	0.8 - 2.5mm
WHSDZ25	4.2 x 25.0mm	Tek 2	0.8 - 2.5mm
WHSDZ50	4.2 x 50.0mm	Tek 2	0.8 - 2.5mm
WHSDZ4850	4.8 x 50.0mm	Tek 2	0.8 - 2.5mm
WHSDZ4860	4.8 x 60.0mm	Tek 2	0.8 - 2.5mm
WHSDZ4870	4.8 x 70.0mm	Tek 2	0.8 - 2.5mm
WHSDZ4880	4.8 x 80.0mm	Tek 2	0.8 - 2.5mm
WHSDZ4890	4.8 x 90.0mm	Tek 2	0.8 - 2.5mm
WHSDZ48100	4.8 x 100.0mm	Tek 2	0.8 - 2.5mm

CHARACTERISTIC PULL OUT VALUES

Nom. Dia. (mm)	Drill Point	Steel Thickness (mm)			
		1.2	1.5	2.0	2.5
4.2	Tek 2	1,394N	2,089N	2,964N	3,815N
4.8	Tek 2	1,417N	2,335N	3,145N	3,667N

CHARACTER MECHANICAL PROPERTIES

	Magnitude	
	4.2	4.8
Diameter (mm)	4.2	4.8
Tensile capacity _t ($F_{ult,Rk}$)	9,500N	13,671N
Shear capacity _s ($V_{ult,Rk}$)	6,100N	8,866N
Torsional capacity _t ($T_{ult,Rk}$)	2,7Nm	5,5Nm

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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