

PRODUCT DATASHEET

Zinc Coated TEK 5 Range



Product Details

Purpose:	Fastening where a high end corrosion resistant coating is not required
Head style:	Hexagonal Drive bit: 5/16" hexagonal
Thread Form:	Fine Thread (Tek 5)
Coating:	Electroplated Zinc $\geq 5\mu\text{m}$
Shank Material:	Carbon Steel
Shank Material Grade:	SAE C1022
Washer:	None
Drill Point:	TEK 5
Drilling Capacity	4.0 - 12.0mm
Recommended Drill Speed:	1,500 - 2,500 RPM

Zinc Coated TEK 5 Range - Products for use in Heavy Gauge Steel Applications (4.0mm to 12.0mm mild steel)

SKU	Nominal Dimensions, $d_{\text{nom}} \times L_{\text{nom}}$ (mm)	Effective Thread Length L_{thread} (mm)
HWZP38-5	5.5 x 38.0	Fully Threaded
HWZP50-5	5.5 x 50.0	
HWZP75-5	5.5 x 75.0	
HWZP100-5	5.5 x 100.0	

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

Diameter	Nominal Substrate Thickness, t_{nom}					
	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.5mm
5.5	6,300 N	7,400 N	8,700 N	10,900 N	14,200 N	16,700 N

Ultimate Mechanical Performance

Property	Magnitude
Tensile Capacity, (F_{ult}, R_k)	14,900 N
Shear Capacity, (V_{ult}, R_k)	9,400N

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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