

# PRODUCT DATASHEET

## Zinc Coated TEK 3 Range



### Product Details

<b>Purpose:</b>	Fastening where a high end corrosion resistant coating is not required
<b>Head style:</b>	Hexagonal Drive bit: 5/16" hexagonal
<b>Thread Form:</b>	Coarse thread (Tek 3)
<b>Coating:</b>	Electroplated Zinc $\geq 5\mu\text{m}$
<b>Shank Material:</b>	Carbon Steel
<b>Shank Material Grade:</b>	SAE C1022
<b>Washer:</b>	None
<b>Drill Point:</b>	TEK 3
<b>Drilling Capacity</b>	1.2 - 4.0mm
<b>Recommended Drill Speed:</b>	1,500 - 2,500 RPM

### Zinc Coated TEK 3 Range - Products for use in Light Gauge Steel Applications (1.2mm to 4.0mm mild steel)

SKU	Nominal Dimensions, $d_{\text{nom}} \times L_{\text{nom}}$ (mm)	Effective Thread Length $L_{\text{thread}}$ (mm)
HWZP19-3	5.5 x 19.0	Fully Threaded
HWZP25-3	5.5 x 25.0	Fully Threaded
HWZP32-3	5.5 x 32.0	Fully Threaded
HWZP38-3	5.5 x 38.0	Fully Threaded
HWZP50-3	5.5 x 50.0	Fully Threaded
HWZP75-3	5.5 x 75.0	Fully Threaded
HWZP100-3	5.5 x 100.0	80.0

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

Diameter	Nominal Substrate Thickness, $t_{\text{nom}}$					
	1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm
5.5	1,700 N	2,000 N	2,200 N	4,100 N	5,100 N	6,000 N

### Ultimate Mechanical Performance

Property	Magnitude
Tensile Capacity, $(F_{\text{ult}}, R_k)$	14,900 N
Shear Capacity, $(V_{\text{ult}}, R_k)$	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-assumptit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.  
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