

product datasheet

tek screw with bonded EPDM washer



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Designed for:	Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style:	Hexagonal
Drive Bit:	5/16" hexagonal
Washer:	16mm/19mm Ø bonded EPDM
Thread Form:	Twin, coarse thread (Tek3)/fine thread (Tek 5)
Shank Material:	Carbon steel
Material Grade:	AISI C1022
Coating:	500hr silver Ruspert® (Please ask for our Ruspert® datasheet for more information).

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Tek 3 Range - For Light Steel								
Product Code	Size	Box Qty	Carton Qty	Drill Point	Effective Thread Length	Drilling Capacity	Recommended Drill Speed	Steel Thickness
TSBW5.5-26-3	5.5 x 26mm	250	3,500	Tek 3	10mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-32-3	5.5 x 32mm	250	3,500	Tek 3	21mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-38-3	5.5 x 38mm	250	3,000	Tek 3	27mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-50-3	5.5 x 50mm	100	1,400	Tek 3	38mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-60-3	5.5 x 60mm	100	1,400	Tek 3	49mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-75-3	5.5 x 75mm	100	1,400	Tek 3	64mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW5.5-100-3	5.5 x 100mm	100	1,400	Tek 3	80mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm
TSBW19-5.5-26-3	5.5 x 26mm	250	7,000	Tek 3	15mm	1.2mm - 3.5mm	2,000 - 3,000 RPM	1.2mm - 3.5mm

Tek 5 Range - For Heavy Steel								
Product Code	Size	Box Qty	Carton Qty	Drill Point	Effective Thread Length	Drilling Capacity	Recommended Drill Speed	Steel Thickness
TSBW5.5-38-5	5.5 x 38mm	100	3,200	Tek 5	15mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW5.5-50-5	5.5 x 50mm	100	1,400	Tek 5	27mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW5.5-60-5	5.5 x 60mm	100	1,400	Tek 5	37mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW5.5-70-5	5.5 x 70mm	100	1,400	Tek 5	47mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW5.5-85-5	5.5 x 85mm	100	1,400	Tek 5	62mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW5.5-100-5	5.5 x 100mm	100	1,400	Tek 5	80mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm
TSBW19-5.5-38-5	5.5 x 38mm	100	2,400	Tek 5	15mm	4.0mm - 12.5mm	1,500 - 2,500 RPM	4.0mm - 12.5mm

Ultimate Pull Out Values										Pullover Performance		
Diameter	Drill Point	Steel Thickness								Diameter	in 0.9mm steel	in 1.2mm steel
		1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm			
5.5mm	Tek 3	2.5kN	3.4kN	4.8kN	7.0kN	8.1kN	N/A	N/A	N/A	5.5mm	5.8kN	7.0kN
5.5mm	Tek 5	N/A	N/A	N/A	N/A	N/A	9.5kN	11.2kN	14.1kN			

Ultimate Mechanical Performance				Hardness Ratings (Vickers)		
Diameter	Tensile Strength	Shear Strength	Torque	Diameter	Surface Hardness	Core Hardness
5.5mm	14.2kN	9.2kN	10.0Nm	5.5mm	560HV	270HV

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Tek Screws



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