



# product datasheet

## tek screw with reduced diameter drill point



<b>Designed for:</b>	Fixing strapping and angle to timber.
<b>Head Style:</b>	Hexagonal
<b>Drive Bit:</b>	5/16" Hexagonal
<b>Washer:</b>	16mm Ø bonded EPDM
<b>Thread Form:</b>	Twin
<b>Coating:</b>	500hr silver Ruspert®
<b>Drill Point:</b>	Tek 1
<b>Shank Material:</b>	Carbon steel
<b>Material Grade:</b>	AISI C1022
<b>Recommended Drill Speed:</b>	2,000 - 3,000 RPM
<b>Drilling Capacity:</b>	0.8mm - 2.5mm
<b>Steel Thickness:</b>	0.8mm - 2.5mm

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Reduced Diameter Drill Point Tek Screw Range				
Product Code	Size	Box Qty	Carton Qty	Effective Thread Length
TSBWT5.5-32-1	5.5 x 32mm	100	2,400	16mm
TSBWT5.5-45-1	5.5 x 45mm	100	1,400	30mm

Ultimate Pull Out Values				
Diameter	Drill Point	Timber Grade	Embedment Depth	
			15mm	30mm
5.5mm	Tek 1	C16	1.2kN	3.5kN

Ultimate Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
5.5mm	14.2kN	9.2kN

### Ruspert® Coating

Ruspert® is a non-organic, tri-layered ceramic surface coating developed to attain optimum performance in the various pollutive and atmospheric conditions that cause corrosion.

Layer 1: metallic zinc

Layer 2: high-grade anti-corrosion chemical conversion film

Layer 3: baked ceramic top coating

The distinguishing feature of Ruspert® is the tight joining of the baked ceramic top coating and the chemical conversion film thanks to the cross-linking effect. These layers are bonded together with the metallic zinc layer through chemical reactions, and this unique method of combining layers results in a rigid and dense combination of the coating films. Ruspert® treatment does not attribute its anti-corrosion properties to merely a single material, but the synergy of these three layers, which combined have superb rustproof qualities.

Compatible with metal coated and painted surfaces, fasteners coated with Ruspert® are resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement. These fasteners conform to corrosive gas test standard (Kesternich) DIN50018 and give a salt spray fog test to exceed (JISZ2731) 1,000 hours (ASTM B117).

### Ask for Evolution



Drywall Screws



Tek Screws



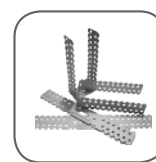
Collated Screws



Masonry Screws



Anchors



Clips & Brackets