



product datasheet

SuperTek 7



Designed for:	Fixing steel to steel
Head Style:	Hexagonal
Drive Bit:	5/16" hexagonal
Drill Point:	Tek 7 spiral point
Thread Form:	Twin, 24 threads per inch fine thread, 'V' fluted
Coating:	1,000hr silver Ruspert®
Shank Material:	Carbon steel
Material Grade:	AISI C1022
Recommended Drill Speed:	1,500 - 2,500 RPM
Steel Thickness:	4.0mm - 22.0mm

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SuperTek 7 Range - For Heavy Steel

Product Code	Size	Box Qty	Carton Qty	Washer	Effective Thread length	Drilling Capacity
TSHW5.5-50-7	5.5 x 50mm	100	1,400	N/A	25mm	3.5mm - 18.5mm
TSBW5.5-50-7	5.5 x 50mm	100	1,400	16mm Ø bonded EPDM	21mm	3.5mm - 18.5mm

Ultimate Pull Out Values

Diameter	Drill Point	In 5.0mm steel	In 6.0mm steel	In 8.0mm steel	In 10.0mm steel
5.5mm	Tek 7	15.01kN	15.79kN	17.30kN	18.38kN

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
5.5mm	1,137 N/mm ²	10.56kN

Hardness Ratings (Vickers)

Diameter	Surface Hardness	Core Hardness
5.5mm	545HV	448HV

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



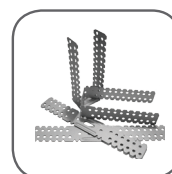
Collated Screws



Masonry Screws



Anchors



Clips & Brackets