

product datasheet

bi-metal wing-drill tek screw



Designed for:	Fastening when stainless steel product is required e.g. in aluminium sheeting/panels.
Head Style:	Countersunk
Drive Bit:	Phillips 3
Thread Form:	Twin, coarse thread (Tek 3) / fine thread (Tek 5)
Shank Material:	Stainless steel
Material Grade:	AISI A304
Coating:	Electroplated zinc
Drilling Capacity:	1.2mm - 3.5mm (Tek 3) / 3.5mm - 12.0mm (Tek 5)
Recommended Drill Speed:	1,500 - 2,500 RPM

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Bi-metal Wing-drill Tek Screw Range - for Light Steel						
Product Code	Size	Box Qty	Carton Qty	Drill Point	Effective Thread Length	Timber Thickness
BMWD4.8-38-3	4.8 x 38mm	100	2,400	Tek 3	24mm	6.0mm - 22.0mm
BMWD5.5-62-3	5.5 x 62mm	100	1,000	Tek 3	40mm	13.0mm - 40.0mm
BMWD5.5-80-3	5.5 x 80 mm	100	1,400	Tek 3	60.0	25.0mm -60.0mm

Bi-metal Wing-drill Tek Screw Range - for Heavy Steel						
Product Code	Size	Box Qty	Carton Qty	Drill Point	Effective Thread Length	Timber Thickness
BMWD5.5-65-5	5.5 x 65mm	100	1,000	Tek 5	36mm	10.0mm - 28.0mm
BMWD5.5-85-5	5.5 x 85mm	100	1,000	Tek 5	50mm	30.0mm - 50.0mm
BMWD5.5-135-5	5.5 x 135mm	100	1,000	Tek 5	110mm	45.0mm - 100.0mm

Ultimate Pull Out Values									
Diameter	Drill Point	Steel Thickness							
		1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm
4.8mm	Tek 3	1.5	2.1	2.9	4.2	4.9	N/A	N/A	N/A
5.5mm	Tek 3	2.5kN	3.4kN	4.8kN	7.0kN	8.1kN	N/A	N/A	N/A
5.5mm	Tek 5	N/A	N/A	N/A	N/A	N/A	8.9kN	11.2kN	11.6kN

Ultimate Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
4.8mm	7.0kN	4.7kN
5.5mm	11.6kN	7.8kN

Pullover Performance			
Diameter	Timber Grade	Timber Thickness	Load
4.8	C16	22mm	1.4kN
5.5mm	C16	50mm	5.8kN

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