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PRODUCT DATASHEET

Bi Metal Standard Tek (Washered)

PRODUCT DETAILS

Purpose:	Fastening in aluminium sheeting and panels
Head style:	Hexagonal Drive bit: 5/16" hexagonal
Thread Form:	Twin, coarse thread (Tek 3)/fine thread (Tek 5)
Shank material:	Stainless steel
Material Grade:	AISI A304
Coating:	Electroplated zinc
Recommended drill speed:	1500 – 2500 RPM
Washer:	16mm ø bonded EPDM
Drilling Point Material Grade:	SAE C1022

TEK 3 RANGE WASHERED – FOR LIGHT STEEL

Product Code	Size	Drill Point	Effective Thread Length	Drilling Capacity	Steel Thickness
BMBW5.5-25-3	5.5x25mm	Tek 3	11.0mm	1.2-3.5mm	1.2-3.5mm
BMBW5.5-38-3	5.5x38mm	Tek 3	24.0mm	1.2-3.5mm	1.2-3.5mm
BMBW5.5-50-3	5.5x50mm	Tek 3	35.0mm	1.2-3.5mm	1.2-3.5mm
BMBW5.5-75-3	5.5x75mm	Tek 3	60.0mm	1.2-3.5mm	1.2-3.5mm
BMBW5.5-100-3	5.5x100mm	Tek 3	75.0mm	1.2-3.5mm	1.2-3.5mm

TEK 5 RANGEWASHERED – FOR HEAVY STEEL

Product Code	Size	Drill Point	Effective Thread Length	Drilling Capacity	Steel Thickness
BMBW5.5-38-5	5.5x38mm	Tek 5	12.0mm	4.0-12.5mm	4.0-12.5mm
BMBW5.5-50-5	5.5x50mm	Tek 5	30.0mm	4.0-12.5mm	4.0-12.5mm
BMBW5.5-65-5	5.5x65mm	Tek 5	42.0mm	4.0-12.5mm	4.0-12.5mm
BMBW5.5-75-5	5.5x75mm	Tek 5	60.0mm	4.0-12.5mm	4.0-12.5mm
BMBW5.5-100-5	5.5x100mm	Tek 5	80.0mm	4.0-12.5mm	4.0-12.5mm

TECHNICAL DATA

Tek 3 range – unfactored pull out values

Diameter	Drill Point	Steel Thickness					
		1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm
5.5mm	Tek 3	1.7kN	2.1kN	2.5kN	3.2kN	4.3kN	5.5kN

Tek 5 range – unfactored pull out values

Diameter	Drill Point	Steel Thickness					
		4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.5mm
5.5mm	Tek 5	6.5kN	7.8kN	10.0kN	11.5kN	12.0kN	12.4kN

ULTIMATE MECHANICAL PERFORMANCE

Diameter	Tensile Strength	Shear Strength
5.5mm	10.6kN	6.7kN

PULLOVER PERFORMANCE

Diameter	In 0.6mm steel	In 1.2mm steel
5.5mm	2.7kN	8.4kN