



product datasheet

bi-metal tek screw



Designed for:	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)
Coating:	Electroplated zinc
Shank Material:	Stainless steel
Material Grade:	AISI A304

Evolution Fasteners (UK) Ltd
 Unit 4, Block 16
 Clydesmill Road
 Clydesmill Industrial Estate
 Glasgow
 G32 8RE
 Tel: +44(0)141 646 0055
 Fax: +44(0)141 646 0033
 technical@evolutionfasteners.co.uk

Bi-metal Tek Screw - For Light Steel

Product Code	Size	Box Qty	Carton Qty	Washer Ø	Drill Point	Recommended Drill Speed	Effective Thread Length	Drill Capacity	Steel Thickness
BMHH5.5-25-3	5.5 x 25mm	200	2,000	N/A	Tek 3	2,000 - 3,000 RPM	14mm	1.2 - 3.5mm	1.2 - 3.5mm
BMHH5.5-38-3	5.5 x 38mm	200	2,000	N/A	Tek 3	2,000 - 3,000 RPM	27mm	1.2 - 3.5mm	1.2 - 3.5mm
BMHH5.5-50-3	5.5 x 50mm	100	2,000	N/A	Tek 3	2,000 - 3,000 RPM	38mm	1.2 - 3.5mm	1.2 - 3.5mm
BMHH5.5-65-3	5.5 x 65mm	100	1,000	N/A	Tek 3	2,000 - 3,000 RPM	55mm	1.2 - 3.5mm	1.2 - 3.5mm
BMHH5.5-80-3	5.5 x 80mm	100	1,000	N/A	Tek 3	2,000 - 3,000 RPM	68mm	1.2 - 3.5mm	1.2 - 3.5mm
BMHH5.5-100-3	5.5 x 100mm	100	1,000	N/A	Tek 3	2,000 - 3,000 RPM	88mm	1.2 - 3.5mm	1.2 - 3.5mm
BMBW5.5-25-3	5.5 x 25mm	200	2,000	16mm	Tek 3	2,000 - 3,000 RPM	11mm	1.2 - 3.5mm	1.2 - 3.5mm
BMBW5.5-38-3	5.5 x 38mm	200	2,000	16mm	Tek 3	2,000 - 3,000 RPM	24mm	1.2 - 3.5mm	1.2 - 3.5mm
BMBW5.5-50-3	5.5 x 50mm	100	1,000	16mm	Tek 3	2,000 - 3,000 RPM	35mm	1.2 - 3.5mm	1.2 - 3.5mm

Bi-metal Tek Screw - For Heavy Steel

Product Code	Size	Box Qty	Carton Qty	Washer Ø	Drill Point	Recommended Drill Speed	Effective Thread Length	Drill Capacity	Steel Thickness
BMHH5.5-38-5	5.5 x 38mm	200	2,000	N/A	Tek 5	1,500 - 2,500 RPM	15mm	3.5 - 12.5mm	4.0 - 12.5mm
BMBW5.5-38-5	5.5 x 38mm	200	2,000	16mm	Tek 5	1,500 - 2,500 RPM	12mm	3.5 - 12.5mm	4.0 - 12.5mm
BMBW5.5-65-5	5.5 x 65mm	100	1,000	16mm	Tek 5	1,500 - 2,500 RPM	42mm	3.5 - 12.5mm	4.0 - 12.5mm

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
5.5mm	14.2kN	9.2kN

Pullover Performance

Diameter	In 0.9mm steel	In 1.2mm steel
5.5mm	5.8kN	7.0kN

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
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	9.5kN	11.2kN	14.1kN

Ask for Evolution



Drywall Screws



Tek Screws



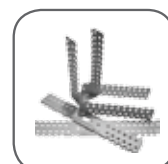
Collated Screws



Masonry Screws



Anchors



Clips & Brackets