



product datasheet

bi-metal composite panel fastener



Designed for:	Fastening in aluminium sheeting and panels.
Head Style:	Hexagonal
Drive Bit:	5/16" Hexagonal
Drill Point:	Tek 3
Thread Form:	Twin, high thread
Washer:	16mm Ø bonded EPDM
Coating:	Electroplated zinc
Shank Material:	Stainless steel
Material Grade:	AISI A304
Recommended Drill Speed:	2,000 - 3,000 RPM
Steel Thickness:	1.2mm - 3.5mm

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 Composite Panel Fastener Range - For Light Steel				
Product Code	Size	Box Qty	Carton Qty	Build Up Range
BMTSBWHT5.5-60-3	5.5mm x 60mm	100	1,000	23.0mm - 40.0mm
BMTSBWHT5.5-80-3	5.5mm x 80mm	100	1,000	23.0mm - 60.0mm
BMTSBWHT5.5-105-3	5.5mm x 105mm	100	1,000	55.0mm - 85.0mm

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
5.5mm	Tek 3	2.5kN	3.4kN	4.8kN	7.0kN	8.1kN	9.0kN

Ask for Evolution



Drywall Screws



Tek Screws



Collated Screws



Masonry Screws



Anchors



Clips & Brackets