

BMT Series

Straight and Blocked Brass Tunnel Connectors
4mm² - 120mm²



BICON™

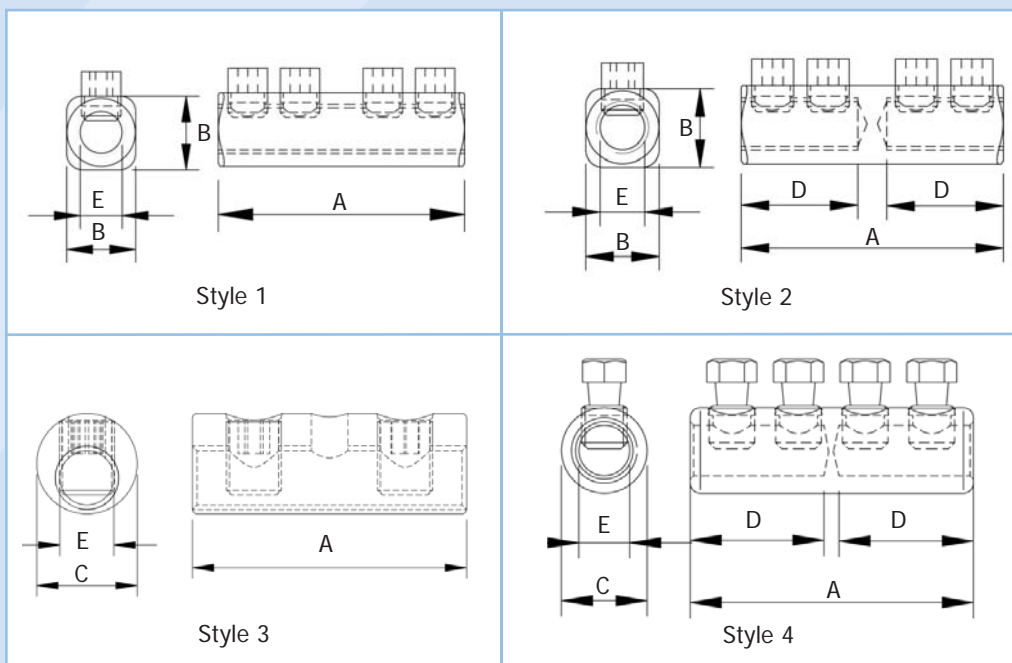
Application

LV Copper and Aluminium conductors.
Power Cable Neutral screen wires.
Cable Armours - Aluminium & Galvanised Steel.
Can be used with all jointing technologies:
cold shrink, heat shrink, resin etc.

Features

Smooth outer profiles.
Tested in accordance with IEC 61238.

BMT Series Straight and Blocked Brass Tunnel Connectors



Dimensions

A	Length
B	Square Section A/F
C	Diameter
D	Depth
E	Bore Diameter

Technical Data

Connector Type	Low Voltage Brass Mechanical Tunnel Connector							
Material Reference Number	8706501	8695801	8695801T	8695901	8696001	8696101	8699201	8699202
Catalogue Number	BMT16	BMT35	BMT35T*	BMTW35	BMT70	BMTW70	BMT120	BMTW120
Connector Material	Brass	Brass	Brass (tinned)	Brass	Brass	Brass	Brass	Brass
Number of Conductor Screw/Bolts	1+1	2+2	2+2	2+2	2+2	2+2	2+2	2+2
Screw/Bolt Material	S. Steel	Brass	Brass	Brass	Brass	Brass	Brass	Brass
Allen Key	3mm	4mm	4mm	4mm	4mm	4mm	-	-
Recommended Torque	6Nm	6Nm	6Nm	6Nm	6Nm	6Nm	-	-
Hex AF	-	-	-	-	-	-	13mm	13mm
Shear Torque	-	-	-	-	-	-	22Nm	22Nm
Conductor Cross Section Range								
Solid Aluminium	mm ²	10-25	10-50	10-50	10-50	50-95	50-95	70-150
Stranded Aluminium	mm ²	4-16	4-35	4-35	4-35	35-70	35-70	50-120
Stranded Copper	mm ²	4-16	4-35	4-35	4-35	35-70	35-70	50-120
Stranded Flexible Copper	mm ²	4-16	4-35	4-35	4-35	25-50	25-50	35-95
Design Style (see above diagram)		3	1	1	2	1	2	4*
Dimensions								
Overall Length	A	30mm	50mm	50mm	50mm	52mm	52mm	85mm
Square Section A/F	B	-	14mm	14mm	14mm	17mm	17mm	-
Diameter	C	11mm	-	-	-	-	-	26mm
Depth	D	-	-	-	22mm	-	23mm	-
Bore Diameter	E	6mm	10mm	10mm	10mm	11.9mm	11.9mm	15.2mm
Weight (each)		20g	53g	53g	55g	60g	63g	315g
Shipping Quantity (min)		100	100	100	100	100	100	25
Test Standard		IEC 61238						

4* Non Blocked Version of style 4

** Technical information subject to change without notice

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