

# BMT 16, 35, 70, 120

## Straight and Blocked Brass Tunnel Connectors



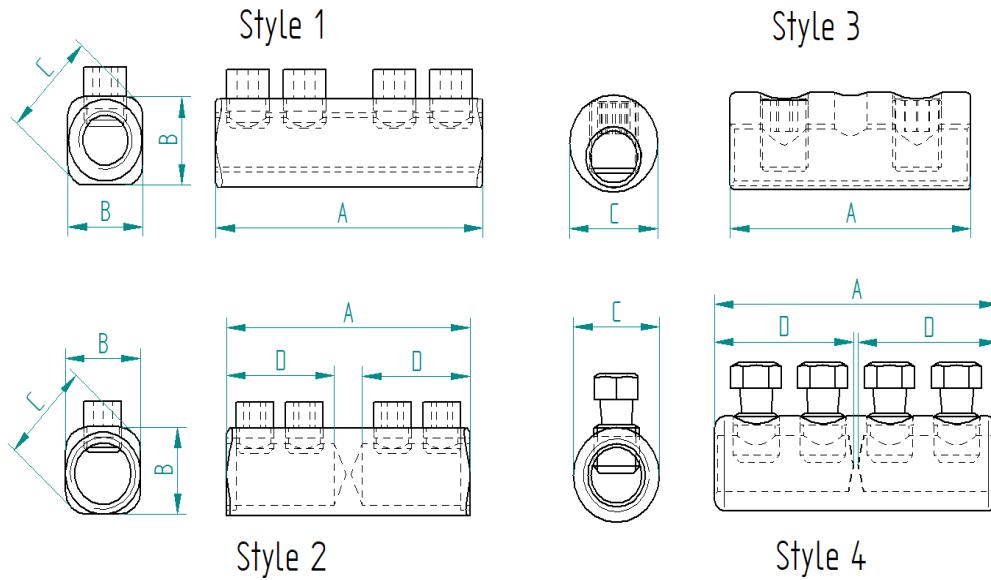
### Application:

- LV Copper and Aluminium conductors, 4- 120mm<sup>2</sup>
- HV Cable Neutral screen wires
- LV & HV Cable Armours - Aluminium & Galv. Steel
- Can be used with all jointing technologies : Resin, Heatshrink & Cold shrink



### Features and Benefits:

- Smooth outer profiles
- Grooved internal for enhanced electrical contact and mechanical strain resistance
- Tested in accordance with IEC 61238



Dimensions	
A	Length
B	Across Flats
C	Diam/Across corners
D	Depth

## Technical Details:

Connector Type	Low voltage Brass Mechanical Tunnel Connector								
<b>Material Reference Number</b>	8706501	8695801	8695801T	8695901	8696001	8696101	8699201	8699202	
<b>Catalogue Number</b>	BMT16	BMT35	BMT35T*	BMTW35	BMT70	BMTW70	BMT120	BMTW120	
<b>Connector Material</b>	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	4mm		
Recommended Torque	6Nm	6Nm	6Nm	6Nm	6Nm	6Nm	6Nm		
Hex AF								13mm	13mm
Shear Torque								22Nm	22Nm

Conductor Cross Section Range									
Solid Aluminium	mm <sup>2</sup>	10-25	10-50	10-50	10-50	50-95	50-95	70-150	70-150
Stranded Aluminium	mm <sup>2</sup>	4-16	4-35	4-35	4-35	35-70	35-70	50-120	50-120
Stranded Copper	mm <sup>2</sup>	4-16	4-35	4-35	4-35	35-70	35-70	50-120	50-120
Stranded Flexible Copper	mm <sup>2</sup>	4-16	4-35	4-35	4-35	25-50	25-50	35-95	35-95

Design Style (see above drg.)		3	1	1	2	1	2	3	4
Dimensions									
Overall Length	A	30mm	50mm	50mm	50mm	52mm	52mm	85mm	95mm
Square Section A/F	B	-	14mm	14mm	14mm	17mm	17mm	-	-
Diameter/ (A/C)	C	11mm	18mm	18mm	18mm	20mm	20mm	26mm	26mm
Depth	D	-	-	-	22mm	-	23mm	-	42mm
Weight (Each)		20g	53g	53g	55g	60g	63g	315g	350g
Shipping Quantity (min)		100	100	100	100	100	100	25	25

Test Standard	IEC 61238
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\*Technical Information subject to change without notice.

Note: \* BMT35T - This is a tinned version of the BMT35 for use with aluminium stranded conductor or aluminium armour wires where moisture may be present.

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