REDUCER THROUGH CONNECTORS TYPE MTMA-GC
for Aluminium or Copper conductors

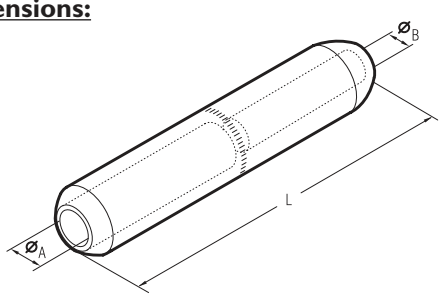
Description:

- MTMA-GC series through connectors are made from Aluminium tube of a purity equal to or greater than 99,5% and are suitable to the junction of conductors Al-Al and Al-Cu.
- The internal surface is duly protected against the oxidation through a specific grease with a very high dropping point.
- The solid stop forms a barrier between the two conductors being joined; this prevents the migration of oils or greases during the connection of cables with different insulation, e.g. paper impregnated and solid insulation, in presence of strong vertical drop.
- The package includes the putty necessary to fill the indent cavities.

Features of the material:

- DESIGNATION : Al 99.50
- STANDARD OF REFERENCE : DIN 1712/1976 Teil 3
- ELECTRICAL RESISTANCE AT 20°C (Ω ∈ • cm) : 2.874
- MECHANICAL FEATURES
  - · TENSILE STRENGTH (N/mm²) : 85 ÷ 129
  - · ELONGATION (AT 5 %) : 10 ÷ 23

Sections and dimensions:



Conductor Size sqmm		Ref.*	Dimensions mm		
Side A Al	Side B Al/Cu		ØA	ØB	L
16	10	MTMA 16-10-GC	5,5	4,3	90,5
25	10	MTMA 25-10-GC	6,5	4,3	90,5
	16	MTMA 25-16-GC	6,5	5,5	90,5
50	25	MTMA 50-25-GC	9,0	6,5	106,5
	35	MTMA 50-35-GC	9,0	8,0	106,5
70	35	MTMA 70-35-GC	11,0	8,0	106,5
	50	MTMA 70-50-GC	11,0	9,0	106,5
95	50	MTMA 95-50-GC	12,5	9,0	109,4
	70	MTMA 95-70-GC	12,5	11,0	106,5
120	70	MTMA 120-70-GC	13,7	11,0	133,0
	95	MTMA 120-95-GC	13,7	12,5	133,0
150	70	MTMA 150-70-GC	15,5	11,0	133,0
	95	MTMA 150-95-GC	15,5	12,5	134,4
	120	MTMA 150-120-GC	15,5	13,7	133,0
185	120	MTMA 185-120-GC	17,0	13,7	143,5
	150	MTMA 185-150-GC	17,0	15,5	143,5
240	150	MTMA 240-150-GC	19,5	15,5	143,5
	185	MTMA 240-185-GC	19,5	17,0	143,5
300	95	MTMAD 300-95-GC	22,5	12,5	144,5
	150	MTMAD 300-150-GC	22,5	15,5	144,5
	185	MTMAD 300-185-GC	22,5	17,0	144,5
	240	MTMAD 300-240-GC	22,5	19,5	144,5
400	240	MTMA 400-240-GC	26,0	19,5	218,0
	300	MTMA 400-300-GC	26,0	23,3	218,0
500	300	MTMA 500-300-GC	29,1	23,3	218,5
	400	MTMA 500-400-GC	29,1	26,0	218,5

*For other possible combinations contact Cembre