

Bi-metal Connector

1. Bi-metal Lugs are made from the highest quality aluminium and copper joined using a friction welding process.

Technical Data

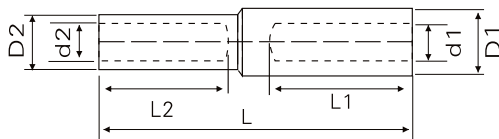
Conductive Material

- Aluminium: 99.6% pure
- Copper: 99.9% pure
- Tensile Strength: 110MPa
- Ductile Rating: 28%
- Joining Method: Friction Welding (IEC std)
- Operating Temperature: -40°C to 100°C
- Conformant Standards: IEC (Fra.); DIN/DE (Ger.)

Electrical Properties

Resistivity Aluminium: 2.6 micro-ohm cm (max)
Copper: 1.738 micro-ohm cm

Conductivity Aluminium: 61.8% IACS (min)
Copper: 99.7% ACS



Part No.	Dimensions (mm)						
	D2±0.3	d2±0.3	D1±0.3	d1±0.3	L2±0.3	L1±0.3	L±0.3
GTL16/10	9	5.7	10	6.5	25	33	70
GTL25/16	10	6.5	12	7.5	27	37	75
GTL35/25	11	7.5	14	8.5	29	40	84
GTL50/35	12	8.5	16	10.2	30	45	90
GTL70/50	14	10	18	11.5	35	50	98
GTL95/70	16	11.5	21	13.5	38	50	106
GTL120/95	18	13.5	23	15	40	50	110
GTL150/120	20	15	25	16.5	43	53	115
GTL185/150	22	16.5	27	18.5	45	57	125
GTL240/185	24	18.5	30	21	48	62	130
GTL300/240	27	21	34	23.5	53	65	145
GTL400/300	30	23.5	38	26.5	60	70	150