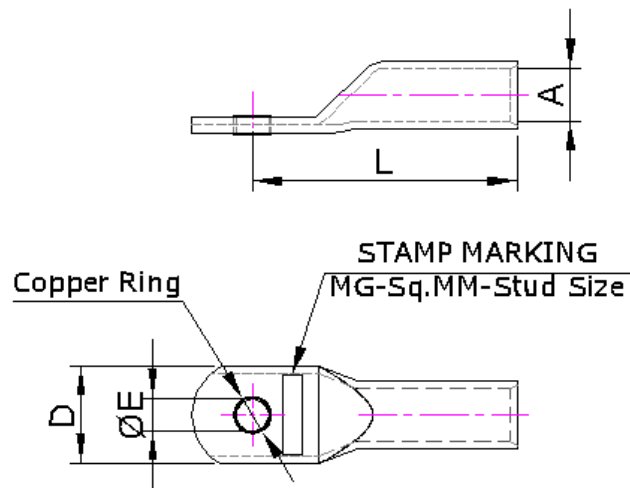


Aluminium-Copper Bi-Metal Terminals with Copper Ring



Technical Specification

Material: Aluminum IS:5082

Surface: Tin-plated to protect against corrosion

Minimum operating temperature: -50 °C

Maximum operating temperature: 150 °C

Reference standard: Indian Standards

Features

- Annealed material optimizes material and crimping properties
- ETP Electrolytic Grade Copper.
- Tin-plated 5 micron plus to protect against corrosion.
- Crack free crimping.
- Bur free connection surface.
- Lowest millivolt drop for DC current application.
- Simple and safe connection.
- Terminate power cables in high-voltage applications.
- Provided with inspection hole to ensure the conductor has been fully inserted before crimping is done.

Aluminium-Copper Bi-Metal Terminals with Copper Ring

- Flat contact surface to avoid hotspot.

ALUMINUM-COPPER BI-METAL TERMINALS WITH COPPER RING

Aluminium Barrel , Copper Ring on Hole

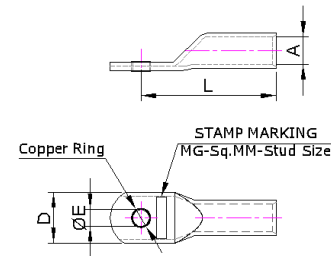
Final Metal State : Fully Annealed Including Joint

Surface : Natural

Conductivity

Aluminium 60 % IACS (Min.)

Copper 97 % IACS



Size mm2	E	A	D	L	MG CAT NO.	Crim- ping Tools Code
16	8.5	6	25	63	MGBR-16-8	MG-50BS
16	10.5	6	27	63	MGBR-16-10	MG-50BS
25	8.5	7	25	63	MGBR-25-8	MG-50BS
25	10.5	7	25	63	MGBR-25-10	MG-50BS
25	13	7	32	65	MGBR-25-13	MG-50BS
35	8.5	8.3	28	70	MGBR-35-8	MG-50BS
35	10.5	8.3	29	70	MGBR-35-10	MG-50BS
35	13	8.3	32	70	MGBR-35-13	MG-50BS
50	8.5	10	28	75	MGBR-50-8	MG-120
50	10.5	10	30	75	MGBR-50-10	MG-120
50	13	10	32	75	MGBR-50-13	MG-120
70	10.5	11.5	32	85	MGBR-70-10	MG-120

Aluminium-Copper Bi-Metal Terminals with Copper Ring

Size mm ²	E	A	D	L	MG CAT NO.	Crim- ping Tools Code
70	13	11.5	32	85	MGBR-70-13	MG-120
70	17	11.5	32	85	MGBR-70-17	MG-120
95	10.5	13.5	34	90	MGBR-95-10	MG-300H
95	13	13.5	34	90	MGBR-95-13	MG-300H
95	17	13.5	34	90	MGBR-95-17	MG-300H
120	13	14.8	34	90	MGBR-120-13	MG-300H
120	17	14.8	34	90	MGBR-120-17	MG-300H
150	13	16.5	38	100	MGBR-150-13	MG-300H
150	17	16.5	38	100	MGBR-150-17	MG-300H
185	13	18.3	41	105	MGBR-185-13	MG-300H
185	17	18.3	41	105	MGBR-185-17	MG-300H
185	21	18.3	48	105	MGBR-185-21	MG-300H
240	17	21	48	121	MGBR-240-17	MG-300H
240	21	21	48	121	MGBR-240-21	MG-300H
300	17	23.4	50	124	MGBR-300-17	MG-300H
300	21	23.4	50	124	MGBR-300-21	MG-300H

*All dimensions are in mm