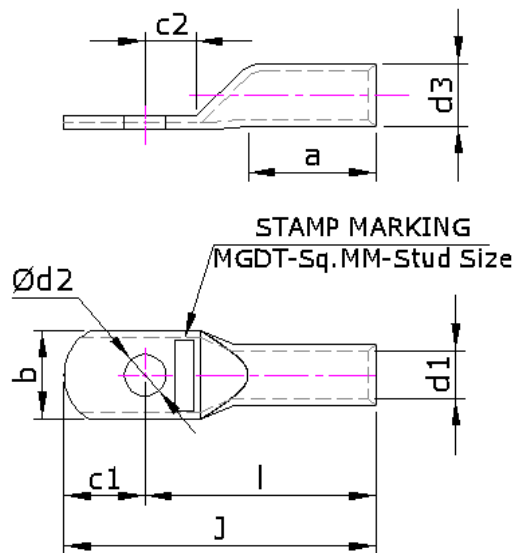


Copper Tubular Terminal as per DIN 46235 Compression cable lugs (MGDT Series)



Technical Specification

Material: Copper BS 1977:1976 & IS 1897

Surface: Tin-plated to protect against corrosion

Minimum operating temperature: -50 °C

Maximum operating temperature: 150 °C

Reference standard: DIN 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

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done.

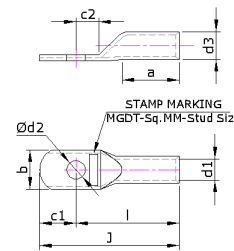
- Flat contact surface to avoid hotspot.

COPPER TUBULAR TERMINAL AS PER DIN 46235

MATERIAL : COPPER DIN EN 13600-2002 & IS 191:2007

STANDARD: DIN 46235

SURFACE: TIN PLATED



Size mm ²	d2	d1	d3	a	l	C1	C2	b	J	MG CAT NO.	Crim- ping Tools Code
6	5.3	3.8	5.5	10	24	9	6	8.5	33	MGDT-6-5	MG-10
6	6.4	3.8	5.5	10	24	10.5	8	8.5	34.5	MGDT-6-6	MG-10
10	5.3	4.5	6.2	10	27	9	6	9	36	MGDT-10-5	MG-10
10	6.4	4.5	6.2	10	27	10.5	8	9	37.5	MGDT-10-6	MG-10
16	6.4	5.5	8.5	20	36	10.5	8	13	46.5	MGDT-16-6	MG-50BS
16	8.4	5.5	8.5	20	36	13	10	13	49	MGDT-16-8	MG-50BS
16	10.5	5.5	8.5	20	36	15	12	17	51	MGDT-16-10	MG-50BS
25	6.4	7	10	20	38	10.5	8	14	48.5	MGDT-25-6	MG-50BS
25	8.4	7	10	20	38	13	10	16	51	MGDT-25-8	MG-50BS

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Size mm ²	d2	d1	d3	a	l	C1	C2	b	J	MG CAT NO.	Crim- ping Tools Code
25	13	7	10	20	38	16	13	19	54	MGDT-25-13	MG-50BS
35	8.4	8.2	12.5	20	42	13	10	17	55	MGDT-35-8	MG-120
35	10.5	8.2	12.5	20	42	15	12	19	57	MGDT-35-10	MG-120
35	13	8.2	12.5	20	42	16	13	21	58	MGDT-35-13	MG-120
50	8.4	10	14.5	28	52	13	10	20	65	MGDT-50-8	MG-120
50	10.5	10	14.5	28	52	15	12	22	67	MGDT-50-10	MG-120
50	13	10	14.5	28	52	16	13	24	68	MGDT-50-13	MG-120
50	17	10	14.5	28	52	19	16	28	71	MGDT-50-17	MG-120
70	8.4	11.5	16.5	28	55	13	10	24	68	MGDT-70-8	MG-120
70	10.5	11.5	16.5	28	55	15	12	24	70	MGDT-70-10	MG-120
70	13	11.5	16.5	28	55	16	13	24	71	MGDT-70-13	MG-120
70	17	11.5	16.5	28	55	19	16	30	74	MGDT-70-17	MG-120
95	10.5	13.5	19	35	65	15	12	28	80	MGDT-95-10	MG-300H
95	13	13.5	19	35	65	16	13	28	81	MGDT-95-13	MG-300H
95	17	13.5	19	35	65	19	16	32	84	MGDT-95-17	MG-300H
120	10.5	15.5	21	35	70	15	12	32	85	MGDT-120-10	MG-300H
120	13	15.5	21	35	70	16	13	32	86	MGDT-120-13	MG-300H
120	17	15.5	21	35	70	19	16	32	89	MGDT-120-17	MG-300H
120	21	15.5	21	35	70	22	20	38	92	MGDT-120-21	MG-300H

*All dimensions are in mm

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Size mm ²	d2	d1	d3	a	l	C1	C2	b	J	MG CAT NO.	Crim- ping Tools Code
150	10.5	17	23.5	35	78	15	12	34	93	MGDT-150-10	MG-300H
150	13	17	23.5	35	78	16	13	34	94	MGDT-150-13	MG-300H
150	17	17	23.5	35	78	19	16	34	97	MGDT-150-17	MG-300H
150	21	17	23.5	35	78	22	20	40	100	MGDT-150-21	MG-300H
185	10.5	19	25.5	40	82	15	12	40	97	MGDT-185-10	MG-300H
185	13	19	25.5	40	82	16	13	40	98	MGDT-185-13	MG-300H
185	17	19	25.5	40	82	19	16	40	101	MGDT-185-17	MG-300H
185	21	19	25.5	40	82	22	20	40	104	MGDT-185-21	MG-300H
240	13	21.5	29	40	92	16	13	42	108	MGDT-240-13	MG-300H
240	17	21.5	29	40	92	19	16	42	111	MGDT-240-17	MG-300H
240	21	21.5	29	40	92	22	20	45	114	MGDT-240-21	MG-300H
300	17	24.5	32	50	100	19	16	48	119	MGDT-300-17	MG-300H
300	21	24.5	32	50	100	22	20	48	122	MGDT-300-21	MG-300H
400	17	27.5	38.5	70	115	25	16	55	140	MGDT-400-17	MG-1000
400	21	27.5	38.5	70	115	25	20	55	140	MGDT-400-21	MG-1000
500	21	31	42	70	125	25	20	60	150	MGDT-500-21	MG-1000
630	21	34.5	44	80	135	25	20	62	160	MGDT-630-21	MG-1000
800	21	40	52	100	165	25	20	75	190	MGDT-800-21	MG-1000
1000	21	44	58	100	165	25	20	85	190	MGDT-1000-21	MG-1000