

# COPPER TUBE CRIMPING LUGS A29-M

*for extra flexible copper conductors*

A-M series lugs are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600.

These lugs are particularly recommended for use with extra flexible conductors on for instance, welding machines.

A-M series lugs are designed to suit panel applications.

The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

Cembre lugs are annealed to guarantee optimum ductility and electrolytically tin plated to avoid oxidation.

The presence of an inspection hole facilitates full insertion of the conductor.



## CONDUCTOR TABLES IEC 60228:2004-11

### CLASS 5

Nominal cross-sectional mm <sup>2</sup>	Maximum diameter of wires in conductor mm	Maximum resistance of conductor at 20 °C	
		Plain wires [Ω/km]	Metal-coated wires [Ω/km]
0,5	0,21	39	40,1
0,75	0,21	26	26,7
1	0,21	19,5	20
1,5	0,26	13,3	13,7
2,5	0,26	7,98	8,21
4	0,31	4,95	5,09
6	0,31	3,3	3,39
10	0,41	1,91	1,95
16	0,41	1,21	1,24

25	0,41	0,78	0,795
35	0,41	0,554	0,565
50	0,41	0,386	0,393
70	0,51	0,272	0,277
95	0,51	0,206	0,21
120	0,51	0,161	0,164
150	0,51	0,129	0,132
185	0,51	0,106	0,108
240	0,51	0,08	0,081
300	0,51	0,064	0,065
400	0,51	0,048	0,049
500	0,61	0,038	0,039
630	0,61	0,028	0,029

## CLASS 6

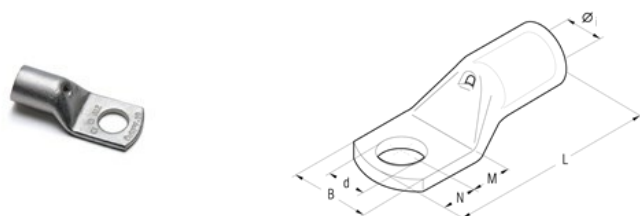
Sezione nominale mm <sup>2</sup>	Diametro massimo dei fili mm	Resistenza massima del conduttore a 20 °C	
		Fili nudi [Ohm/km]	Fili rivestiti [Ohm/km]
0,5	0,16	39	40,1
0,75	0,16	26	26,7
1	0,16	19,5	20
1,5	0,16	13,3	13,7
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## *Technical characteristics*

Material (Body)	ETP Copper electrolytically tinned
Material (Seam)	ETP Copper electrolytically tinned
Minimum section	120 mm <sup>2</sup>
Maximum section	120 mm <sup>2</sup>



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## List of products

**A29-M** Cable type: extra-flexible copper, Maximum section: 120 mm<sup>2</sup>



Type	Ø Stud mm	Øi	B	M	N	L	d	Pack qty	Min. pack qty
A29-M8	8 mm	16.5 mm	30 mm	9 mm	8 mm	53.5 mm	8.4 mm	100	25
A29-M10	10 mm	16.5 mm	30 mm	11 mm	10 mm	57.5 mm	10.5 mm	50	25
A29-M12	12 mm	16.5 mm	30 mm	14 mm	12 mm	62.5 mm	13.2 mm	50	25
A29-M14	14 mm	16.5 mm	30 mm	15.5 mm	12 mm	64 mm	15 mm	100	25
A29-M16	16 mm	16.5 mm	30 mm	16.5 mm	13.5 mm	66.5 mm	17 mm	100	25
A29-M20	20 mm	16.5 mm	30 mm	22 mm	20 mm	78.5 mm	21 mm	75	25

## Products used together

### Accessories

#### INSULATED COVERS ES

ES30-BK	ES30-BR	ES30-BU
ES30-GN	ES30-GY	ES30-PK
ES30-RE	ES30-WH	ES30-YE