



A-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%.

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 which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation. In applications subject to vibration, lugs still have to provide a reliable connection and annealing plays a vital role in avoiding cracking or breaks between the barrel and palm.

The presence of an inspection hole facilitates full insertion of the conductor, whilst the barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation.

Lugs are electrolytically Tin plated to avoid oxidation. A-M series lugs form an important part of Cembre crimping systems for power carrying conductors, details of the appropriate crimping tools and dies are shown opposite and in detail on pages 260 to 261.

Our technicians are always available to provide any technical advice which may be required.

The enclosed table is only indicative of the range and many variations in stud fixing and palm lengths are also available.

Conductor Size sqmm	Ø Stud mm	Type	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools
			Øi	B	M	N	L	d			
0,25÷1,5	3	A03-M3*	1,8	6,0	4,5	3,5	16,0	3,2	5.000/100	HN1	B15MD
		A03-M3.5*	1,8	6,5	4,5	3,5	16,0	3,7	5.000/100		
		A03-M4*	1,8	6,5	5,0	4,0	17,0	4,3	5.000/100		
		A03-M5*	1,8	7,5	5,5	4,5	18,0	5,3	5.000/100		
		A03-M6*	1,8	9,0	6,0	5,0	19,0	6,4	5.000/100		
		A06-M3*	2,4	6,0	4,5	3,5	17,0	3,2	4.000/100		
1,5÷2,5	3,5	A06-M3.5*	2,4	6,5	4,5	3,5	17,0	3,7	4.000/100	HN5	B15MD
		A06-M4*	2,4	7,5	5,0	4,0	18,0	4,3	4.000/100		
		A06-M5*	2,4	8,5	5,5	4,5	19,0	5,3	4.000/100		
		A06-M6*	2,4	9,0	6,0	5,0	20,0	6,4	4.000/100		
		A06-M8*	2,4	12,0	9,0	8,0	26,0	8,4	2.500/100		
		A1-M3	3,6	7,5	4,5	3,5	20,5	3,2	2.000/100		
4÷6	3,5	A1-M3.5	3,6	7,5	4,5	3,5	20,5	3,7	2.000/100	HN1	B15MD
		A1-M4	3,6	8,0	5,0	4,0	21,5	4,3	2.000/100		
		A1-M5	3,6	9,0	6,5	6,0	25,0	5,3	2.000/100		
		A1-M6	3,6	11,0	7,0	6,0	25,5	6,4	1.500/100		
		A1-M8	3,6	14,0	9,0	8,0	29,5	8,4	1.500/100		
		A1-M10	3,6	16,5	11,0	10,0	34,0	10,5	1.000/100		
10	4	A2-M4	4,6	10,0	5,0	4,0	22,5	4,3	1.500/100	HN5	B15MD
		A2-M5	4,6	10,0	6,5	6,0	26,0	5,3	1.000/100		
		A2-M6	4,6	11,0	7,0	6,0	26,5	6,4	1.000/100		
		A2-M8	4,6	15,0	9,0	8,0	30,5	8,4	1.000/100		
		A2-M10	4,6	18,0	11,0	10,0	34,5	10,5	500/100		
		A2-M12	4,6	19,0	14,0	12,0	39,5	13,2	500/100		
16	4	A3-M4	5,8	11,5	5,0	4,0	25,5	4,3	1.000/100	HN-A25	B15MD
		A3-M5	5,8	11,5	6,5	6,0	29,0	5,3	1.000/100		
		A3-M6	5,8	11,5	7,0	6,0	29,5	6,4	1.000/100		
		A3-M8	5,8	15,0	9,0	8,0	33,5	8,4	500/100		
		A3-M10	5,8	18,0	11,0	10,0	37,5	10,5	500/100		
		A3-M12	5,8	20,0	14,0	12,0	44,0	13,2	500/100		
25	4	A5-M4	7,0	14,0	5,0	4,0	28,0	4,3	500/100	TN70SE	B15MD
		A5-M5	7,0	14,0	6,5	6,0	31,5	5,3	500/100		
		A5-M6	7,0	14,0	7,0	6,0	32,0	6,4	500/100		
		A5-M8	7,0	15,0	9,0	8,0	36,0	8,4	500/100		
		A5-M10	7,0	18,0	11,0	10,0	40,0	10,5	500/100		
		A5-M12	7,0	21,0	14,0	12,0	45,0	13,2	400/100		
35	5	A7-M5	8,9	17,0	6,5	6,0	34,0	5,3	400/100	TN120SE	B15MD
		A7-M6	8,9	17,0	7,0	6,0	34,5	6,4	400/100		
		A7-M8	8,9	17,0	9,0	8,0	38,5	8,4	400/100		
		A7-M10	8,9	19,0	11,0	10,0	42,5	10,5	300/100		
		A7-M12	8,9	21,0	14,0	12,0	47,5	13,2	200/50		
		A10-M6	10,0	19,0	8,0	7,0	38,5	6,4	200/50		
50	6	A10-M8	10,0	19,0	9,0	8,0	40,5	8,4	200/50	TN120SE	B15MD
		A10-M10	10,0	20,0	11,5	9,5	44,5	10,5	200/50		
		A10-M12	10,0	21,0	12,0	12,0	47,5	13,2	200/50		
		A10-M14	10,0	25,0	16,0	14,0	55,5	15,0	200/50		
		A10-M16	10,0	26,0	18,0	16,0	59,5	17,0	100/50		
		A14-M6	11,3	21,0	8,0	7,0	44,0	6,4	200/50		
70	8	A14-M8	11,3	21,0	9,0	8,0	46,0	8,4	200/50	TN120SE	B15MD
		A14-M10	11,3	21,0	11,0	10,0	50,0	10,5	200/50		
		A14-M12	11,3	22,0	14,0	12,0	55,0	13,2	150/50		
		A14-M14	11,3	25,0	16,0	14,0	59,0	15,0	100/50		
		A14-M16	11,3	26,0	18,0	16,0	63,0	17,0	100/50		
		A14-M16	11,3	26,0	18,0	16,0	63,0	17,0	100/50		

*Not UL approved