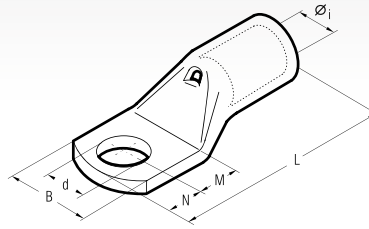


for Copper conductors



A-M series lugs are manufactured from electrolytic Copper tube. 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 230 to 231.

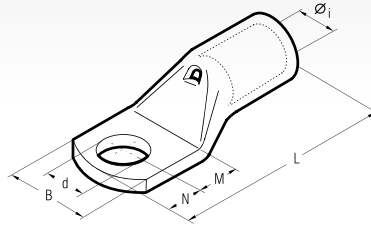
Our technicians are always available to provide any technical advice which may be required.

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		
	3,5	A03-M3.5*	1,8	6,5	4,5	3,5	16,0	3,7	5.000/100				
	4	A03-M4*	1,8	6,5	5,0	4,0	17,0	4,3	5.000/100				
	5	A03-M5*	1,8	7,5	5,5	4,5	18,0	5,3	5.000/100				
	6	A03-M6*	1,8	9,0	6,0	5,0	19,0	6,4	5.000/100				
1,5÷2,5	3	A06-M3*	2,4	6,0	4,5	3,5	17,0	3,2	4.000/100	HN1	B15MD		
	3,5	A06-M3.5*	2,4	6,5	4,5	3,5	17,0	3,7	4.000/100				
	4	A06-M4*	2,4	7,5	5,0	4,0	18,0	4,3	4.000/100				
	5	A06-M5*	2,4	8,5	5,5	4,5	19,0	5,3	4.000/100				
	6	A06-M6*	2,4	9,0	6,0	5,0	20,0	6,4	4.000/100				
4÷6	3	A1-M3	3,6	7,5	4,5	3,5	20,5	3,2	2.000/100	HN1	B15MD		
	3,5	A1-M3.5	3,6	7,5	4,5	3,5	20,5	3,7	2.000/100				
	4	A1-M4	3,6	8,0	5,0	4,0	21,5	4,3	2.000/100				
	5	A1-M5	3,6	9,0	6,5	6,0	25,0	5,3	2.000/100				
	6	A1-M6	3,6	11,0	7,0	6,0	25,5	6,4	2.000/100				
10	8	A1-M8	3,6	14,0	9,0	8,0	29,5	8,4	1.500/100	HN1	B15MD		
	10	A1-M10	3,6	16,5	11,0	10,0	33,5	10,5	1.000/100				
	4	A2-M4	4,6	10,0	5,0	4,0	22,5	4,3	1.500/100			HN5	B15MD
	5	A2-M5	4,6	10,0	6,5	6,0	26,0	5,3	1.500/100				
	6	A2-M6	4,6	11,0	7,0	6,0	26,5	6,4	1.500/100				
8	A2-M8	4,6	15,0	9,0	8,0	30,5	8,4	1.000/100					
10	A2-M10	4,6	18,0	11,0	10,0	34,5	10,5	1.000/100					
16	12	A2-M12	4,6	19,0	14,0	12,0	39,5	13,2	500/100	HN5	B15MD		
	4	A3-M4	5,8	11,5	5,0	4,0	25,5	4,3	1.000/100			HN-A25	B15MD
	5	A3-M5	5,8	11,5	6,5	6,0	29,0	5,3	1.000/100				
	6	A3-M6	5,8	11,5	7,0	6,0	29,5	6,4	1.000/100				
	8	A3-M8	5,8	15,0	9,0	8,0	33,5	8,4	500/100				
10	A3-M10	5,8	18,0	11,0	10,0	37,5	10,5	500/100					
25	12	A3-M12	5,8	20,0	14,0	12,0	44,0	13,2	500/100	HN-A25	B15MD		
	4	A5-M4	7,0	14,0	5,0	4,0	28,0	4,3	1.000/100			TN70E	B15MD
	5	A5-M5	7,0	14,0	6,5	6,0	31,5	5,3	500/100				
	6	A5-M6	7,0	14,0	7,0	6,0	32,0	6,4	500/100				
	8	A5-M8	7,0	15,0	9,0	8,0	36,0	8,4	500/100				
10	A5-M10	7,0	18,0	11,0	10,0	40,0	10,5	500/100					
35	12	A5-M12	7,0	21,0	14,0	12,0	45,0	13,2	500/100	TN120SE	B15MD		
	5	A7-M5	8,9	17,0	6,5	6,0	34,0	5,3	500/100			TN120SE	B15MD
	6	A7-M6	8,9	17,0	7,0	6,0	34,5	6,4	500/100				
	8	A7-M8	8,9	17,0	9,0	8,0	38,5	8,4	400/100				
	10	A7-M10	8,9	19,0	11,0	10,0	42,5	10,5	400/100				
12	A7-M12	8,9	21,0	14,0	12,0	47,5	13,2	300/50					
50	6	A10-M6	10,0	19,0	8,0	7,0	38,5	6,4	200/50	TN120SE	B15MD		
	8	A10-M8	10,0	19,0	9,0	8,0	40,5	8,4	200/50				
	10	A10-M10	10,0	20,0	11,5	9,5	44,5	10,5	200/50				
	12	A10-M12	10,0	21,0	12,0	12,0	47,5	13,2	200/50				
	14	A10-M14	10,0	25,0	16,0	14,0	55,5	15,0	200/50				
70	16	A10-M16	10,0	26,0	18,0	16,0	59,5	17,0	200/50	TN120SE	B15MD		
	6	A14-M6	11,3	21,0	8,0	7,0	44,0	6,4	200/50			TN120SE	B15MD
	8	A14-M8	11,3	21,0	9,0	8,0	46,0	8,4	200/50				
	10	A14-M10	11,3	21,0	11,0	10,0	50,0	10,5	200/50				
	12	A14-M12	11,3	22,0	14,0	12,0	55,0	13,2	150/50				
14	A14-M14	11,3	25,0	16,0	14,0	59,0	15,0	100/50					
16	A14-M16	11,3	26,0	18,0	16,0	63,0	17,0	100/50					

*Not UL approved

for extra flexible Copper conductors



for fine stranded
SPECIAL
flexible conductors



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.

Details of the appropriate crimping tools and dies are shown on pages 230 to 231.

Conductor Size Extra Flexible sqmm	Ø Stud mm	Type	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools	
			Øi	B	M	N	L	d				
35	6	A9-M6/15	9,3	15,0	8,0	7,0	38,5	6,4	400/100	TN70SE	TN120SE	HT45-E B450ND-BV
	8	A9-M8	9,3	17,0	9,0	8,0	40,5	8,4	400/100			
	10	A9-M10	9,3	18,5	11,0	10,0	44,5	10,5	400/100			
50	12	A9-M12	9,3	21,0	14,0	12,0	49,5	13,2	300/50			
	6	A12-M6/15	11,0	15,0	8,0	7,0	40,5	6,4	200/50			
	8	A12-M8	11,0	19,3	9,0	8,0	42,5	8,4	200/50			
	10	A12-M10	11,0	19,3	11,0	10,0	46,5	10,5	200/50			
70	10	A12-M10/19	11,0	19,0	11,0	10,0	46,5	10,5	200/50			
	12	A12-M12	11,0	22,0	14,0	12,0	51,5	13,2	200/50			
	6	A17-M6	13,0	23,0	8,0	7,0	45,0	6,4	200/50			
	8	A17-M8	13,0	23,0	9,0	8,0	47,0	8,4	150/50			
	10	A17-M10	13,0	23,0	11,0	10,0	51,0	10,5	150/50			
95	10	A17-M10/19	13,0	19,0	11,0	10,0	51,0	10,5	200/50			
	12	A17-M12	13,0	23,0	14,0	12,0	56,0	13,2	150/50			
	14	A17-M14	13,0	25,0	15,5	12,0	57,5	15,0	150/25			
	16	A17-M16	13,0	27,0	16,5	13,5	60,0	17,0	150/25			
	8	A20-M8	15,0	27,0	9,0	8,0	50,0	8,4	100/25			
	10	A20-M10	15,0	27,0	11,0	10,0	54,0	10,5	100/25			
120	12	A20-M12	15,0	27,0	14,0	12,0	59,0	13,2	100/25			
	14	A20-M14	15,0	27,0	15,5	12,0	60,5	15,0	100/25			
	16	A20-M16	15,0	27,0	16,5	13,5	63,0	17,0	100/25			
	8	A29-M8	16,5	30,0	9,0	8,0	53,5	8,4	100/25			
150	10	A29-M10	16,5	30,0	11,0	10,0	57,5	10,5	100/25			
	12	A29-M12	16,5	30,0	14,0	12,0	62,5	13,2	100/25			
	14	A29-M14	16,5	30,0	15,5	12,0	64,0	15,0	100/25			
	16	A29-M16	16,5	30,0	16,5	13,5	66,5	17,0	100/25			
	20	A29-M20	16,5	30,0	22,0	20,0	78,5	21,0	75/25			
185	10	A35-M10	19,2	34,2	13,0	11,0	65,5	10,5	50/25			
	12	A35-M12	19,2	34,2	16,0	14,0	71,5	13,2	50/25			
	14	A35-M14	19,2	34,2	18,0	16,0	75,5	15,0	50/25			
	16	A35-M16	19,2	34,2	19,0	17,0	77,5	17,0	50/25			
200	20	A35-M20	19,2	34,2	22,0	20,0	83,5	21,0	50/25			
	10	A40-M10	21,0	37,5	13,0	11,0	73,0	10,5	30/15			
	12	A40-M12	21,0	37,5	16,0	14,0	79,0	13,2	30/15			
	14	A40-M14	21,0	37,5	18,0	16,0	83,0	15,0	30/15			
225	16	A40-M16	21,0	37,5	19,0	17,0	85,0	17,0	30/15			
	20	A40-M20	21,0	37,5	22,0	20,0	91,0	21,0	30/15			