

A-M

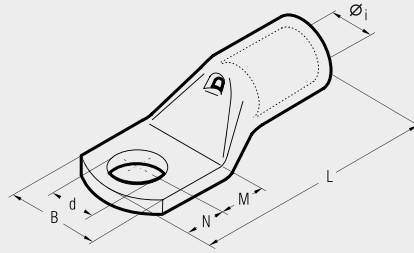


COPPER TUBE CRIMPING LUGS

for Copper conductors



File no. E125401



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 tinned 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 178 to 179.



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.

Cond. Size sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools
			Øi	B	M	N	L	d			
0,25÷1,5	3	A 03-M 3*	1,8	6,0	4,5	3,5	16,0	3,2	5.000/100	HN1	B 15WDE
	3,5	A 03-M 3.5*	1,8	6,5	4,5	3,5	16,0	3,7	5.000/100		
	4	A 03-M 4*	1,8	6,5	5,0	4,0	17,0	4,3	5.000/100		
	5	A 03-M 5*	1,8	7,5	5,5	4,5	18,0	5,3	5.000/100		
	6	A 03-M 6*	1,8	9,0	6,0	5,0	19,0	6,4	5.000/100		
1,5÷2,5	3	A 06-M 3*	2,4	6,0	4,5	3,5	17,0	3,2	4.000/100		
	3,5	A 06-M 3.5*	2,4	6,5	4,5	3,5	17,0	3,7	4.000/100		
	4	A 06-M 4*	2,4	7,5	5,0	4,0	18,0	4,3	4.000/100		
	5	A 06-M 5*	2,4	8,5	5,5	4,5	19,0	5,3	4.000/100		
	6	A 06-M 6*	2,4	9,0	6,0	5,0	20,0	6,4	4.000/100		
4÷6	8	A 06-M 8*	2,4	12,0	9,0	8,0	26,0	8,4	2.500/100		
	3	A 1-M 3	3,6	7,5	4,5	3,5	20,5	3,2	2.000/100		
	3,5	A 1-M 3.5	3,6	7,5	4,5	3,5	20,5	3,7	2.000/100		
	4	A 1-M 4	3,6	8,0	5,0	4,0	21,5	4,3	2.000/100		
	5	A 1-M 5	3,6	9,0	6,5	6,0	25,0	5,3	2.000/100		
10	6	A 1-M 6	3,6	11,0	7,0	6,0	25,5	6,4	2.000/100		
	8	A 1-M 8	3,6	14,0	9,0	8,0	29,5	8,4	1.500/100		
	10	A 1-M 10	3,6	16,5	11,0	10,0	33,5	10,5	1.000/100		
	4	A 2-M 4	4,6	10,0	5,0	4,0	22,5	4,3	1.500/100		
	5	A 2-M 5	4,6	10,0	6,5	6,0	26,0	5,3	1.500/100		
16	6	A 2-M 6	4,6	11,0	7,0	6,0	26,5	6,4	1.500/100		
	8	A 2-M 8	4,6	15,0	9,0	8,0	30,5	8,4	1.000/100		
	10	A 2-M 10	4,6	18,0	11,0	10,0	34,5	10,5	1.000/100		
	12	A 2-M 12	4,6	19,0	14,0	12,0	39,5	13,2	500/100		
	4	A 3-M 4	5,8	11,5	5,0	4,0	25,5	4,3	1.000/100		
25	5	A 3-M 5	5,8	11,5	6,5	6,0	29,0	5,3	1.000/100		
	6	A 3-M 6	5,8	11,5	7,0	6,0	29,5	6,4	1.000/100		
	8	A 3-M 8	5,8	15,0	9,0	8,0	33,5	8,4	500/100		
	10	A 3-M 10	5,8	18,0	11,0	10,0	37,5	10,5	500/100		
	12	A 3-M 12	5,8	20,0	14,0	12,0	42,5	13,2	500/100		
35	4	A 5-M 4	7,0	14,0	5,0	4,0	28,0	4,3	1.000/100		
	5	A 5-M 5	7,0	14,0	6,5	6,0	31,5	5,3	500/100		
	6	A 5-M 6	7,0	14,0	7,0	6,0	32,0	6,4	500/100		
	8	A 5-M 8	7,0	15,0	9,0	8,0	36,0	8,4	500/100		
	10	A 5-M 10	7,0	18,0	11,0	10,0	40,0	10,5	500/100		
50	12	A 5-M 12	7,0	21,0	14,0	12,0	45,0	13,2	500/100		
	5	A 7-M 5	8,9	17,0	6,5	6,0	34,0	5,3	500/100		
	6	A 7-M 6	8,9	17,0	7,0	6,0	34,5	6,4	500/100		
	8	A 7-M 8	8,9	17,0	9,0	8,0	38,5	8,4	400/100		
	10	A 7-M 10	8,9	19,0	11,0	10,0	42,5	10,5	400/100		
70	12	A 7-M 12	8,9	21,0	14,0	12,0	47,5	13,2	300/50		
	6	A 10-M 6	10,0	19,0	8,0	7,0	38,5	6,4	200/50		
	8	A 10-M 8	10,0	19,0	9,0	8,0	40,5	8,4	200/50		
	10	A 10-M 10	10,0	20,0	11,5	9,5	44,5	10,5	200/50		
	12	A 10-M 12	10,0	21,0	12,0	12,0	47,5	13,2	200/50		
	14	A 10-M 14	10,0	25,0	16,0	14,0	55,5	15,0	200/50		
	16	A 10-M 16	10,0	26,0	18,0	16,0	59,5	17,0	200/50		
	6	A 14-M 6	11,3	21,0	8,0	7,0	44,0	6,4	200/50		
	8	A 14-M 8	11,3	21,0	9,0	8,0	46,0	8,4	200/50		
	10	A 14-M 10	11,3	21,0	11,0	10,0	50,0	10,5	200/50		
	12	A 14-M 12	11,3	22,0	14,0	12,0	55,0	13,2	150/50		
	14	A 14-M 14	11,3	25,0	16,0	14,0	59,0	15,0	100/50		
	16	A 14-M 16	11,3	26,0	18,0	16,0	63,0	17,0	100/50		

*Not UL approved

APPLICATION	CONDUCTOR	CONNECTOR		HYDRAULIC TOOLS													HYDRAULIC TOOLS																						
				B 15MDE			B 35-45MDE			B 35-50MDE			HT 45-E			HT 51 B 500E			RH 50 B 550E			HT 81-U RHU 81			HT 120 and tools and heads with 130 kN crimping force			ECW-H3D			RHU 520								
				DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR
A.-M.	0,25 ÷ 2,5	A 03-M. A 06-M..		L 03M / L 03P L 06M / L 06P	ME03/2-15 MA03/3-15																																		
	4 ÷ 6	A 1-M. A 1-L..		L 1-M L 1-P	ME03/2-15 MA03/3-15	MA 1	PA 1	ME 1	MA 1-50	PA 1-50	ME 1-50	MA 1	PA 1	ME 1																									
A.-2M.	10	A 2-M. A 2-L..	A 2-P12	L 2-M L 2-P	ME03/2-15 ME2/3-15 MA03/3-15	MA 2.3		ME 2	MA 2.3-50	PA 5-50	ME 2-50	MA 2.3		ME 2																									
	16	A 3-M. A 3-L..	A 3-P14	L 3-M L 3-P	ME2/3-15 MA03/3-15		PA 5	ME 3		PA 5-50	ME 3-50		PA 5	ME 3																									
A.-P.	25	A 5-M. A 5-L..	A 5-P16	L 5-M L 5-P		MA 5		ME 5	MA 5-50		ME 5-50	MA 5		ME 5																									
	35	25* 35	A 7-M. A 7-L..	A 7-P20	L 7-M L 7-P		MA 7		ME 7	MA 7-50		ME 7-50	MA 7		ME 7																								
L.-M.	50	35* 50	A 10-M. A 10-L..	A 10-P25	L 10-M L 10-P		MA 10		ME 10	MA 10-50		ME 10-50	MA 10		ME 10																								
	70	50* 70	A 14-M. A 14-L..		L 14-M L 14-P			ME 14	MA 14-50	PA 19-50	ME 14-50			ME 14																									
L.-P.	95	70* 95	A 19-M. A 19-L..		L 19-M L 19-P			ME 19	MA 19-50		ME 19-50			ME 19																									
	120	95* 120	A 24-M. A 24-L..		L 24-M L 24-P			ME 24	MA 24-50	PA 24-50	ME 24-50			ME 24																									
A.-4ESI	150	120* 150	A 30-M. A 30-L..		L 30-M L 30-P			ME 30L			ME 30L-50			ME 30																									
	185	150* 185	A 37-M. A 37-L..	A 37-4ESI	L 37-M L 37-P																																		
A.-M.	240	185* 240	A 48-M. A 48-L..	A 48-4ESI	L 48-M L 48-P																																		
	300	240 300	A 60-M. A 60-L..	A 60-4ESI	L 60-M L 60-P																																		
A.-M.	400	300 400	A 80-M. A 80-L..	A 80-4ESI	L 80-M																																		
	500	400 500	A 100-M. A 100-L..	A 100-4ESI	L 100-M																																		
A.-ESI	630	500 630	A 120-M. A 120-L..	A 120-4ESI	L 120-M																																		
	800	630	A 160-M. A 160-L..	A 160-4ESI	L 160-M																																		
A.-M.	1000	800	A 200-M. A 200-L..		L 200-M																																		
	35	A 9-M. A 9-L..				MA 9	PA 10	ME 9	MA 9-50	PA 10-50	ME 9-50	MA 9	PA 10	ME 9																									
A.-M.	50	A 12-M. A 12-L..						ME 12	MA 12-50	PA 19-50	ME 12-50			ME 12																									
	70	A 17-M. A 17-L..						ME 17	MA 17-50	PA 19-50	ME 17-50			ME 17																									
A.-M.	95	A 20-M. A 20-L..						ME 20	MA 20-50	PA 19-50	ME 20-50			ME 20																									
	120	A 29-M. A 29-L..						ME 29			ME 29-50			ME 29																									
A.-M.	150	A 35-M. A 35-L..																																					
	185	A 40-M. A 40-L..																																					

 Hexagonal crimp (use one size up with fine stranded conductors, E.G.: 95² fine stranded use A19.. + ME 19 or A 20.. + ME 20)
 Indent crimp
 * Contact Cembre for appropriate die set
 N.B.: Number inside symbol indicates the number of crimps on A-M barrel, L-P and each side of L-M products
** Only for B 500 and RH 50.