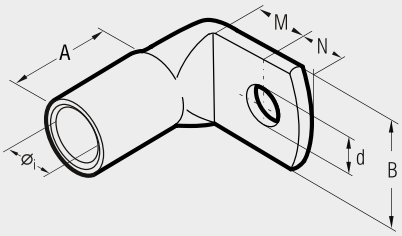
COPPER TUBE CRIMPING LUGS ANGLED 90°

for Copper conductors

A-L

c UL us
File no. E125401



Cond. Size sqmm low stranded	Cond. Size sqmm flexible *	Ø Stud mm	Ref.	Dimensions mm Øi	B	M	N	A	d	Quantity Box/Bag	Mechanical Tools HN1	HN5	HN-425	TN 70 SE	TN 120 SE**	Hydraulic Tools B 15MDE	B 35-45MDE	B 35-50MDE	HT 45-E	B 550E	HT 51	B 500E	RH 50	HT 81-J	RHU 81	HT 120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU 520
6		6	**A 1-L 6◆**	3,6	11,0	7,0	6,0	9,5	6,4	*2.000/100*																		
10		5	**A 2-L 5**	4,6	10,0	6,5	6,0	10,5	5,3	*1.500/100*																		
		6	**A 2-L 6**	4,6	11,0	7,0	6,0	10,5	6,4	*1.500/100*																		
		8	**A 2-L 8**	4,6	15,0	9,0	8,0	10,5	8,4	*500/100*																		
16		5	**A 3-L 5**	5,8	11,5	6,5	6,0	12,0	5,3	*1.000/100*																		
		6	**A 3-L 6**	5,8	11,5	7,0	6,0	12,0	6,4	*1.000/100*																		
		8	**A 3-L 8**	5,8	15,0	9,0	8,0	12,0	8,4	*1.000/100*																		
		10	**A 3-L 10**	5,8	18,0	11,0	10,0	12,0	10,5	*500/100*																		
25		6	**A 5-L 6**	7,0	14,0	7,0	6,0	13,0	6,4	*500/100*																		
		8	**A 5-L 8**	7,0	15,0	9,0	8,0	13,0	8,4	*500/100*																		
		10	**A 5-L 10**	7,0	18,0	11,0	10,0	13,0	10,5	*500/100*																		
35	25	6	**A 7-L 6**	8,9	17,0	7.0	6,0	15,5	6,4	*500/100*																		
	35	8	**A 7-L 8**	8,9	17,0	9,0	8,0	15,5	8,4	*300/100*																		
		10	**A 7-L 10**	8,9	19,0	11,0	10,0	15,5	10,5	*400/100*																		
		12	**A 7-L 12**	8,9	21,0	14,0	12,0	15,5	13,2	*300/100*																		
50	35	6	**A 10-L 6**	10,0	19,0	8,0	7,0	16,5	6,4	*300/100*																		
	50	8	**A 10-L 8**	10,0	19,0	9,0	8,0	16,5	8,4	*300/100*																		
		10	**A 10-L 10**	10,0	20,0	11,5	9,5	16,5	10,5	*200/50*																		
		12	**A 10-L 12**	10,0	21,0	12,0	12,0	16,5	13,2	*200/50*																		
70	50	8	**A 14-L 8**	11,3	21,0	9,0	8,0	20,0	8,4	*200/50*																		
	70	10	**A 14-L 10**	11,3	21,0	11,0	10,0	20,0	10,5	*200/50*																		
		12	**A 14-L 12**	11,3	22,0	14,0	12,0	20,0	13,2	*150/50*																		
		16	**A 14-L 16**	11,3	26,0	18,0	16,0	20,0	17,0	*150/50*																		
95	70	8	**A 19-L 8**	13,5	25,0	9,0	8,0	24,5	8,4	*100/25*																		
	95	10	**A 19-L 10**	13,5	25,0	11,0	10,0	24,5	10,5	*100/25*																		
		12	**A 19-L 12**	13,5	25,0	14,0	12,0	24,5	13,2	*100/25*																		
120	95	10	**A 24-L 10**	15,2	28,5	11,0	10,0	25,5	10,5	*50/25*																		
	120	12	**A 24-L 12**	15,2	28,5	14,0	12,0	25,5	13,2	*50/25*																		
150	120	10	**A 30-L 10**	16,7	31,5	13,0	11,0	28,5	10,5	*50/25*																		
	150	12	**A 30-L 12**	16,7	31,5	16,0	14,0	28,5	13,2	*50/25*																		
185	150	10	**A 37-L 10**	19,2	35,5	13,0	11,0	31,5	10,5	*50/25*																		
	185	12	**A 37-L 12**	19,2	35,5	16,0	14,0	31,5	13,2	*50/25*																		
240	185 240	12	**A 48-L 12**	21,1	39,0	16,0	14,0	33,0	13,2	*30/15*																		
300	240 300	12	**A 60-L 12**	23,7	44,0	20,0	14,0	42,0	13,2	*20/10*																		

**Actual conductor section may require a larger lug eg for 120mm² size use A30-... lug.*

***See page 111*

◆Not UL approved

A-L series lugs angled 90° 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, terminals still have to perform a reliable connection, 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 tinplated to avoid oxidation.
Details of the appropriate crimping tools and dies are shown on pages 178 to 179.