

C 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, 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 have to perform a reliable connection, the annealing process 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. 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.

The tongue is clearly marked with wire size and die index for Cembre tools.

UL listed for US and Canada per UL486A up to 35 KV.

C series lugs are an important part of Cembre crimping systems for power carrying conductors.

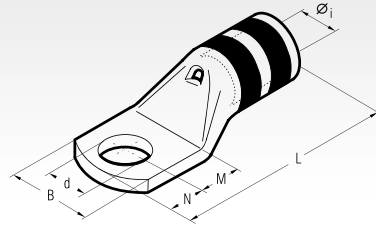
Details of the appropriate crimping tools and dies are shown on page 239.

Cembre technicians are available to provide technical advice as required. Please consult Cembre for products not listed.

Cond. Size sqmm	Conductor AWG	Ø Stud mm	Type	Dimensions mm						Colour Code	Quantity Box/Bag	Mechanical Tools	Hydraulic Tools
				Øi	B	M	N	L	d				
10	8	23	4 C8-8	4,6	10,0	5,0	4,0	22,5	4,3	RED	600/50	B15MD	
			5 C8-10	4,6	10,0	6,5	6,0	26,0	5,3		600/50		
			6 C8-14	4,6	11,0	7,0	6,0	26,5	6,4		600/50		
			8 C8-516	4,6	15,0	9,0	8,0	30,5	8,4		600/50		
			10 C8-38	4,6	18,0	11,0	10,0	34,5	10,5		600/50		
			12 C8-12	4,6	19,0	14,0	12,0	39,5	13,2		600/50		
16	6		4 C6-8	5,8	11,5	5,0	4,0	25,5	4,3	BLUE	600/50		
			5 C6-10	5,8	11,5	6,5	6,0	29,0	5,3		600/50		
			6 C6-14	5,8	11,5	7,0	6,0	29,5	6,4		600/50		
			8 C6-516	5,8	15,0	9,0	8,0	33,5	8,4		600/50		
			10 C6-38	5,8	18,0	11,0	10,0	37,5	10,5		600/50		
			12 C6-12	5,8	20,0	14,0	12,0	43,5	13,2		400/50		
25	4	40	4 C4-8	6,2	12,5	5,0	4,0	25,5	4,3	GREY	600/50		
			5 C4-10	6,2	12,5	6,5	6,0	29,0	5,3		600/50		
			6 C4-14	6,2	12,5	7,0	6,0	29,5	6,4		600/50		
			8 C4-516	6,2	15,0	9,0	8,0	33,5	8,4		600/50		
			10 C4-38	6,2	18,0	11,0	10,0	37,5	10,5		400/50		
			12 C4-12	6,2	20,0	14,0	12,0	42,5	13,2		400/50		
35	3	50	4 C3-8	7,0	14,0	5,0	4,0	28,0	4,3	WHITE	600/50	TN70SE	
			5 C3-10	7,0	14,0	6,5	6,0	31,5	5,3		600/50		
			6 C3-14	7,0	14,0	7,0	6,0	32,0	6,4		600/50		
			8 C3-516	7,0	15,0	9,0	8,0	36,0	8,4		600/50		
			10 C3-38	7,0	18,0	11,0	10,0	40,0	10,5		400/50		
			12 C3-12	7,0	21,0	14,0	12,0	45,0	13,2		400/50		
	2	60	5 C2-10	7,6	17,0	6,5	6,0	33,0	5,3	BROWN	400/50		
			6 C2-14	7,6	17,0	7,0	6,0	33,5	6,4		400/50		
			8 C2-516	7,6	17,0	9,0	8,0	37,5	8,4		400/50		
			10 C2-38	7,6	19,0	11,0	10,0	41,5	10,5		400/50		
			12 C2-12	7,6	21,0	14,0	12,0	46,5	13,2		200/50		
	1	75	6 C1-14	8,9	17,0	7,0	6,0	34,5	6,4	GREEN	400/50		
			8 C1-516	8,9	17,0	9,0	8,0	38,5	8,4		400/50		
			10 C1-38	8,9	19,0	11,0	10,0	42,5	10,5		200/50		
			12 C1-12	8,9	21,0	14,0	12,0	47,5	13,2		200/50		
	50	1/0	6 C1/0-14	10,0	19,0	8,0	7,0	40,5	6,4	PINK	200/25		
			8 C1/0-516	10,0	19,0	9,0	8,0	42,5	8,4		200/25		
			10 C1/0-38	10,0	20,0	11,0	10,0	46,5	10,5		200/25		
			12 C1/0-12	10,0	21,0	14,0	12,0	51,5	13,2		200/25		
			14 C1/0-916	10,0	25,0	16,0	14,0	55,5	15,0		200/25		
			16 C1/0-58	10,0	26,0	18,0	16,0	59,5	17,0		200/25		
70	2/0	125	6 C2/0-14	11,3	21,0	8,0	7,0	44,0	6,4	BLACK	200/25	TN120SE	
			8 C2/0-516	11,3	21,0	9,0	8,0	46,0	8,4		200/25		
			10 C2/0-38	11,3	21,0	11,0	10,0	50,0	10,5		200/25		
			12 C2/0-12	11,3	22,0	14,0	12,0	55,0	13,2		200/25		
			14 C2/0-916	11,3	25,0	16,0	14,0	59,0	15,0		100/25		
			16 C2/0-58	11,3	26,0	18,0	16,0	63,0	17,0		100/25		
	95	3/0	20 C2/0-34	11,3	29,5	22,0	20,0	75,0	21,0	ORANGE	100/25		
			6 C3/0-14	12,4	23,0	8,0	7,0	45,0	6,4		200/25		
			8 C3/0-516	12,4	23,0	9,0	8,0	47,0	8,4		100/25		
			10 C3/0-38	12,4	23,0	11,0	10,0	51,0	10,5		100/25		
			12 C3/0-12	12,4	24,0	14,0	12,0	56,0	13,2		100/25		
			14 C3/0-916	12,4	27,0	16,0	14,0	60,0	15,0		100/25		
			16 C3/0-58	12,4	28,0	18,0	16,0	64,0	17,0		100/25		
			20 C3/0-34	12,4	31,5	22,0	20,0	72,0	21,0		100/25		

COLOUR CODED COPPER CRIMPING LUGS

for Copper conductors



Cond. Size sqmm	Sez. Cond. AWG		Ø Stud mm	Type	Dimensions mm						Colour Code	Quantity Box/Bag	Mechanical Tools	Hydraulic Tools					
	Size	Navy			Øi	B	M	N	L	d									
4/0	200	4/0	6	C4/0-14	13,5	25,0	8,0	7,0	50,5	6,4	PURPLE	100/25	TN120SE	HT51 RH50 B500ND	HT120 and tools and heads with 130 kN crimping force	ECW-H3D	RHU520		
			8	C4/0-516	13,5	25,0	9,0	8,0	52,5	8,4		100/25							
			10	C4/0-38	13,5	25,0	11,0	10,0	56,5	10,5		100/25							
			12	C4/0-12	13,5	25,0	14,0	12,0	61,5	13,2		100/25							
			14	C4/0-916	13,5	25,0	16,0	14,0	65,5	15,0		100/25							
			16	C4/0-58	13,5	27,0	18,0	16,0	69,5	17,0		50/25							
120	250	MCM	20	C4/0-34	13,5	29,5	22,0	20,0	77,5	21,0	50/25	YELLOW						100/25	
			6	C250-14	15,2	28,5	8,0	7,0	52,0	6,4	100/25								
			8	C250-516	15,2	28,5	9,0	8,0	54,0	8,4	100/25								
			10	C250-38	15,2	28,5	11,0	10,0	58,0	10,5	100/25								
			12	C250-12	15,2	28,5	14,0	12,0	63,0	13,2	50/25								
			14	C250-916	15,2	28,5	16,0	14,0	67,0	15,0	50/25								
150	300	MCM	16	C250-58	15,2	28,5	18,0	16,0	71,0	17,0	50/25	WHITE						50/25	
			20	C250-34	15,2	30,0	22,0	20,0	79,0	21,0	50/25								
			22	C250-78	15,2	32,0	24,0	23,0	84,0	23,0	50/25								
			8	C300-516	16,7	31,5	13,0	11,0	69,0	8,4	40/10								
			10	C300-38	16,7	31,5	13,0	11,0	69,0	10,5	40/10								
			12	C300-12	16,7	31,5	16,0	14,0	75,0	13,2	40/10								
185	350	MCM	14	C300-916	16,7	31,5	18,0	16,0	79,0	15,0	40/10	RED						40/10	
			16	C300-58	16,7	31,5	19,0	17,0	81,0	17,0	40/10								
			20	C300-34	16,7	31,5	22,0	20,0	87,0	21,0	40/10								
			22	C300-78	16,7	31,5	24,0	23,0	92,0	23,0	40/10								
			10	C350-38	17,6	33,0	13,0	11,0	70,5	10,5	40/20								
			12	C350-12	17,6	33,0	16,0	14,0	76,5	13,2	40/20								
400	400	MCM	14	C350-916	17,6	33,0	18,0	16,0	80,5	15,0	40/20	BLUE						40/20	
			16	C350-58	17,6	33,0	19,0	17,0	82,5	17,0	40/20								
			20	C350-34	17,6	33,0	22,0	20,0	88,5	21,0	40/20								
			22	C350-78	17,6	37,0	24,0	23,0	93,5	23,0	30/15								
			10	C400-38	19,2	35,5	13,0	11,0	76,0	10,5	40/20								
			12	C400-12	19,2	35,5	16,0	14,0	82,0	13,2	40/20								
240	500	MCM	14	C400-916	19,2	35,5	18,0	16,0	86,0	15,0	40/20	BROWN						40/20	
			16	C400-58	19,2	35,5	19,0	17,0	88,0	17,0	40/20								
			20	C400-34	19,2	35,5	22,0	20,0	94,0	21,0	40/20								
			22	C400-78	19,2	35,5	24,0	23,0	99,0	23,0	40/20								
			10	C500-38	21,1	39,0	13,0	11,0	82,0	10,5	30/15								
			12	C500-12	21,1	39,0	16,0	14,0	88,0	13,2	30/15								
300	600	MCM	14	C500-916	21,1	39,0	18,0	16,0	92,0	15,0	30/15	GREEN						30/15	
			16	C500-58	21,1	39,0	19,0	17,0	94,0	17,0	30/15								
			20	C500-34	21,1	39,0	22,0	20,0	100,0	21,0	20/10								
			22	C500-78	21,1	39,0	24,0	23,0	105,0	23,0	20/10								
			12	C600-12	23,7	44,0	20,0	14,0	99,0	13,2	20/10								
			14	C600-916	23,7	44,0	22,0	16,0	103,0	15,0	20/10								
750	750	MCM	16	C600-58	23,7	44,0	22,0	19,0	106,0	17,0	20/10	BLACK						20/10	
			20	C600-34	23,7	44,0	24,0	23,0	112	21,0	10/5								
			22	C600-78	23,7	44,0	24,0	23,0	112,0	23,0	10/5								
			12	C750-12	26,0	48,0	22,0	19,0	113,0	13,2	10/5								
				16	C750-58	26,0	48,0	22,0	19,0	113,0	17,0	10/5							10/5
				20	C750-34	26,0	48,0	24,0	23,0	119,0	21,0	10/5							
				22	C750-78	26,0	48,0	24,0	23,0	119,0	23,0	10/5							

