

**COPPER TUBE CRIMPING LUGS ACCORDING TO DIN 46235 - DR SERIES
for copper conductors****Description:**

- DR series cable lugs are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600:2003 with enough section to guarantee both, good electrical connection and sufficient traction resistance.
- Annealed and electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- The annealing process optimizes the structural features of the material allows an easier crimping and guarantees the use of the connector even with mechanical solicitations of various nature.
- Dimensions are according DIN 46235.
- The barrel entrance is chamfered for an easy and correct introduction of the conductor; its length is so made to facilitate the precise positioning inside the dies of the tools.

Each connector is marked as follows:

- trade mark and Cembre catalogue number.
- section of the conductor (mm²).
- Ø of the screw (mm).
- code of the crimping die (Kennzahl)

Markings:

- **Conform to products norm DIN 46235**
- **Conform to products norm IEC 61238-1**
- **BT Directive 2006/95/CE**

Cembre SpA

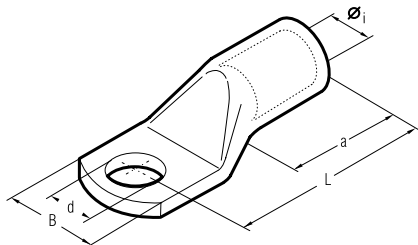
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Sections and Dimensions:



Cond. Size sqmm	Ø Stud mm	Ref.	Code	Dimensions mm				
				Øi	d	L	B	a
6	5	DR6-5	5	3,7	5,3	24,0	8,5	10,0
	6	DR6-6	5	3,7	6,4	24,0	9,0	10,0
	8	DR6-8*	5	3,7	8,4	26,0	13,0	10,0
10	5	DR10-5	6	4,4	5,3	27,5	10,0	10,0
	6	DR10-6	6	4,4	6,4	27,0	10,0	10,0
	8	DR10-8*	6	4,4	8,4	28,0	13,0	10,0
	10	DR10-10*	6	4,4	10,5	28,5	15,0	10,0
16	5	DR16-5*	8	5,5	5,3	36,0	13,0	20,0
	6	DR16-6	8	5,5	6,4	36,0	13,0	20,0
	8	DR16-8	8	5,5	8,4	37,0	13,0	20,0
	10	DR16-10	8	5,5	10,5	40,0	16,5	20,0
	12	DR16-12*	8	5,5	13,0	41,0	19,0	20,0
25	6	DR25-6	10	7,0	6,4	39,0	14,6	20,0
	8	DR25-8	10	7,0	8,4	39,5	16,0	20,0
	10	DR25-10	10	7,0	10,5	40,0	16,0	20,0
	12	DR25-12	10	7,0	13,0	40,5	18,0	20,0
35	6	DR35-6*	12	8,2	6,4	42,5	17,5	20,0
	8	DR35-8	12	8,2	8,4	42,0	17,0	20,0
	10	DR35-10	12	8,2	10,5	43,0	19,0	20,0
	12	DR35-12	12	8,2	13,0	43,0	21,0	20,0
	16	DR35-16*	12	8,2	17,0	44,0	28,0	20,0
50	6	DR50-6*	14	10,0	6,4	52,0	20,0	28,0
	8	DR50-8	14	10,0	8,4	52,0	20,0	28,0
	10	DR50-10	14	10,0	10,5	53,0	22,0	28,0
	12	DR50-12	14	10,0	13,0	53,0	24,0	28,0
70	16	DR50-16	14	10,0	17,0	57,0	28,0	28,0
	8	DR70-8	16	11,5	8,4	56,0	24,0	28,0
	10	DR70-10	16	11,5	10,5	56,0	24,0	28,0
	12	DR70-12	16	11,5	13,0	56,0	24,0	28,0
	16	DR70-16	16	11,5	17,0	60,0	30,0	28,0
95	20	DR70-20*	16	11,5	21,0	84,5	30,0	28,0
	8	DR95-8*	18	13,5	8,4	65,0	28,0	35,0
	10	DR95-10	18	13,5	10,5	66,0	28,0	35,0
	12	DR95-12	18	13,5	13,0	66,0	28,0	35,0
	16	DR95-16	18	13,5	17,0	65,5	32,0	35,0
120	20	DR95-20*	18	13,5	21,0	71,0	33,0	35,0
	8	DR120-8*	20	15,5	8,4	70,0	31,0	35,0
	10	DR120-10	20	15,5	10,5	70,0	31,0	35,0
	12	DR120-12	20	15,5	13,0	70,5	31,0	35,0
	16	DR120-16	20	15,5	17,0	70,0	31,5	35,0
150	20	DR120-20	20	15,5	21,0	72,0	36,0	35,0
	10	DR150-10	22	17,0	10,5	79,0	34,0	35,0
	12	DR150-12	22	17,0	13,0	78,5	34,0	35,0
	16	DR150-16	22	17,0	17,0	78,0	34,0	35,0
185	20	DR150-20	22	17,0	21,0	78,0	38,0	35,0
	10	DR185-10	25	19,0	10,5	83,0	37,0	40,0
	12	DR185-12	25	19,0	13,0	82,5	37,0	40,0
	16	DR185-16	25	19,0	17,0	82,0	37,0	40,0
240	20	DR185-20	25	19,0	21,0	83,0	40,0	40,0
	10	DR240-10*	28	21,5	10,5	92,0	42,0	40,0
	12	DR240-12	28	21,5	13,0	92,0	42,5	40,0
	16	DR240-16	28	21,5	17,0	92,0	42,5	40,0
300	20	DR240-20	28	21,5	21,0	92,0	45,0	40,0
	12	DR300-12*	32	24,5	13,0	104,0	47,0	50,0
	16	DR300-16	32	24,5	17,0	100,0	48,0	50,0
400	20	DR300-20	32	24,5	21,0	100,0	47,0	50,0
	12	DR400-12*	38	27,5	13,0	117,0	55,0	70,0
	16	DR400-16	38	27,5	17,0	117,0	55,0	70,0
500	20	DR400-20	38	27,5	21,0	117,0	55,0	70,0
	12	DR500-12*	42	31,0	13,0	130,0	60,0	70,0
	16	DR500-16*	42	31,0	17,0	130,0	60,0	70,0
625	20	DR500-20	42	31,0	21,0	130,0	60,0	70,0
	20	DR625-20	44	34,5	21,0	135,0	63,0	80,0

* Not regular; dimensions of the tube according DIN 46.235

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for copper conductors

Die Selector Chart:

DIE SELECTOR CHART														
APPLICATION	Conductor Size sqmm	CONNECTOR		B 15D	B 35-45D	B 35-50D	HT 45 B 46	HT 51 RHM 50	RH 50 B 51	HT 81-JD RHU 81D RH 61 B 62	UTENSILI OLEODINAMICI		ECW-H3D	
		TERMINAL	SPLICE								DIE SET	INDENTOR		
	6-10	DT10..											Adaptor AU 230-130 D with die set MG... MG165-3D MG240-3D	
	10-16	DT16..												
	16-25	DT25..												
	25-35	DT35..												
	35-50	DT50..												
	50-70	DT70..												
	70-95	DT95..												
	95-120	DT120..												
	120-150	DT150..												
	150-185	DT185..												
	185-240	DT240..											Adaptor AU 230-130 D with die set MK...C MK14-3D MK16-3D MK18-3D MK20-3D MK22-3D MK25-3D MK28-3D MK32-3D MK38-3D MK42-3D MK44-3D	
	6	DR6..	DSV6											
	10	DR10..	DSV10											
	16	DR16..	DSV16											
	25	DR25..	DSV25											
	35	DR35..	DSV35											
	50	DR50..	DSV50											
	70	DR70..	DSV70											
	95	DR95..	DSV95											
	120	DR120..	DSV120											
	150	DR150..	DSV150										Adaptor AU 230-130 D with die set MH...C MH10-3D MH16-3D MH25-3D MH35-3D MH50-3D MH70-3D MH95-3D MH120-3D MH150-3D MH185-3D MH240-3D MH300-3D MH400-3D	
	185	DR185..	DSV185											
	240	DR240..	DSV240											
	300	DR300..	DSV300											
	400	DR400..	DSV400											
	500	DR500..	DSV500											
	625	DR625..	DSV625											
	10	HR10..	HSV10											
	16	HR16..	HSV16											
	25	HR25..	HSV25											
	35	HR35..	HSV35										Adaptor AU 230-130 D with die set MH...C MH10-3D MH16-3D MH25-3D MH35-3D MH50-3D MH70-3D MH95-3D MH120-3D MH150-3D MH185-3D MH240-3D MH300-3D MH400-3D	
	50	HR50..	HSV50											
	70	HR70..	HSV70											
	95	HR95..	HSV95											
	120	HR120..	HSV120											
	150	HR150..	HSV150											
	185	HR185..	HSV185											
	240	HR240..	HSV240											
	300													
	400													
	500												Adaptor AU 230-130 D with die set MH...C MH10-3D MH16-3D MH25-3D MH35-3D MH50-3D MH70-3D MH95-3D MH120-3D MH150-3D MH185-3D MH240-3D MH300-3D MH400-3D	
	630													
	10	HR10..	HSV10											
	16	HR16..	HSV16											
	25	HR25..	HSV25											
	35	HR35..	HSV35											
	50	HR50..	HSV50											
	70	HR70..	HSV70											
	95	HR95..	HSV95											
	120	HR120..	HSV120											

CONDUCTORI IN RAME

DR = Hexagonal crimp

HR = Hexagonal crimp

MG = Number of crimps: for surfaces on each side

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With tools type HT 81-JD, RHU 81D, HT 61, RH 61 and B 61 use the same die set of HT 51, using the spring with code 6522051

Number of crimps for splices on each side

Indent crimp

Hexagonal crimp

Cembre SpA

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