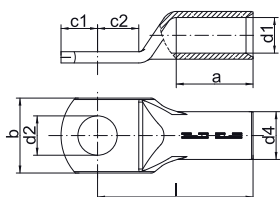




Compression cable lugs to DIN, Cu



- ▶ For round conductors, e.g. to EN 60228 Cl. 1, 2, 5 and 6
- ▶ For non-tension copper cables, e.g. to DIN 48201-1
- ▶ For pre-rounded multi-stranded sector shaped conductors
- ▶ With code number for clear tool assignment
- ▶ To DIN 46235

Characteristics

- Easy to process due to crimp markings
- Simple and safe connection due to flat contact surfaces and internal chamfer

Material

- Copper (EN13600)

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 1.59
- You will find further information on the cable descriptions in the technical appendix, page i-6
- Sleeves for 3-core and 4-core cables see chapter „Sleeves for compacted conductors and sector shaped conductors - Cu“

Additional information

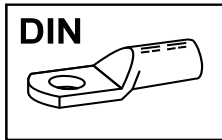
- Possible as a special bright version on request. Part Number appendix „BK“
- Possible as a special version with barrier on request
- 10 - 800 mm² IEC-tested
- * = Bore not standardised

Nominal cross section mm ²	Size of bolt diameter	Part No.	Hint	Code	Dimension mm								Weight/ 100 pcs. ~ kg	Packing unit/pcs
					a	b	d1	d2	d4	c1	c2	l		
6	M 5	101R5		5	10.5	8.5	3.8	5.3	5.5	6.5	7.5	25	0.24	100
	M 6	101R6		5	10.5	8.5	3.8	6.4	5.5	8.0	8.5	25	0.30	100
	M 8	101R8	*	5	10.5	13.0	3.8	8.4	5.5	10.0	10.0	25	0.34	100
10	M 5	102R5		6	10.5	9.0	4.5	5.3	6.0	6.5	9.0	28	0.37	100
	M 6	102R6		6	10.5	9.0	4.5	6.4	6.0	8.0	9.0	28	0.36	100
	M 8	102R8	*	6	13.0	13.0	4.5	8.4	6.0	10.0	10.5	28	0.38	100
16	M 6	103R6		8	20.5	13.0	5.5	6.4	8.5	8.0	9.0	37	1.19	100
	M 8	103R8		8	20.5	13.0	5.5	8.4	8.5	10.5	11.0	37	1.22	100
	M 10	103R10		8	20.5	17.0	5.5	10.5	8.5	12.5	12.5	37	1.30	100
	M 12	103R12	*	8	20.5	18.5	5.5	13.0	8.5	13.0	13.0	38	1.27	100
25	M 6	104R6		10	20.5	14.0	7.0	6.4	10.0	8.0	9.0	39	1.51	50
	M 8	104R8		10	20.5	16.0	7.0	8.4	10.0	10.5	11.0	39	1.54	50
	M 10	104R10		10	20.5	17.0	7.0	10.5	10.0	12.5	13.0	39	1.62	50
	M 12	104R12		10	20.5	19.0	7.0	13.0	10.0	13.5	13.5	39	1.66	25
35	M 6	105R6	*	12	20.5	17.0	8.2	6.4	12.5	8.0	8.5	43	2.77	50
	M 8	105R8		12	20.5	17.0	8.2	8.4	12.5	10.5	10.5	43	2.85	50
	M 10	105R10		12	20.5	19.0	8.2	10.5	12.5	12.5	12.5	43	2.84	50
	M 12	105R12		12	20.5	21.0	8.2	13.0	12.5	13.5	13.5	43	2.79	50
	M 14	105R14	*	12	20.5	21.0	8.2	15.0	12.5	14.0	13.5	43	2.70	25

see next page

Compression cable lugs to DIN, Cu

Nominal cross section mm ²	Size of bolt diameter	Part No.	Hint	Code	Dimension mm								Weight/ 100 pcs. ~ kg	Packing unit/pcs
					a	b	d1	d2	d4	c1	c2	l		
50	M 8	106R8		14	28	20.0	10.0	8.4	14.5	10.5	11.0	53	4.46	50
	M 10	106R10		14	28	22.0	10.0	10.5	14.5	12.5	12.5	53	4.48	50
	M 12	106R12		14	28	24.0	10.0	13.0	14.5	13.5	13.5	53	4.40	50
	M 14	106R14	*	14	28	24.0	10.0	15.0	14.5	14	14.5	53	4.30	25
	M 16	106R16		14	28	28.0	10.0	17.0	14.5	16.5	16.5	53	4.57	25
70	M 8	107R8		16	28	24.0	11.5	8.4	16.5	10.5	10.5	56	5.92	50
	M 10	107R10		16	28	24.0	11.5	10.5	16.5	12.5	12.5	56	6.02	50
	M 12	107R12		16	28	24.0	11.5	13.0	16.5	13.5	13.5	56	5.89	50
	M 14	107R14	*	16	28	24.0	11.5	15.0	16.5	14.5	13.5	55	5.80	25
	M 16	107R16		16	28	30.0	11.5	17.0	16.5	16.5	16.5	56	6.13	25
95	M 8	108R8	*	18	35	28.0	13.5	8.4	19.0	12.5	12.5	66	9.21	25
	M 10	108R10		18	35	28.0	13.5	10.5	19.0	12.5	12.5	66	8.97	50
	M 12	108R12		18	35	28.0	13.5	13.0	19.0	13.5	13.5	66	8.62	50
	M 14	108R14	*	18	35	28.0	13.5	15.0	19.0	13.5	14.5	66	8.78	25
	M 16	108R16		18	35	32.0	13.5	17.0	19.0	16.5	16.5	66	9.00	50
120	M 10	109R10		20	35	32.0	15.5	10.5	21.0	12.5	16.0	71	11.40	50
	M 12	109R12		20	35	32.0	15.5	13.0	21.0	13.5	17.0	71	11.31	50
	M 14	109R14	*	20	35	32.0	15.5	15.0	21.0	18.0	18.0	70	11.45	25
	M 16	109R16		20	35	32.0	15.5	17.0	21.0	16.5	18.0	71	11.24	50
	M 20	109R20		20	35	38.0	15.5	21.0	21.0	19.0	21.0	71	11.03	25
150	M 10	110R10		22	35	34.0	17.0	10.5	23.5	12.5	15.5	79	16.38	10
	M 12	110R12		22	35	34.0	17.0	13.0	23.5	13.5	17.0	79	16.29	25
	M 14	110R14	*	22	35	34.0	17.0	15.0	23.5	17.5	20.0	79	16.38	10
	M 16	110R16		22	35	34.0	17.0	17.0	23.5	16.5	20.0	79	16.17	10
	M 20	110R20		22	35	40.0	17.0	21.0	23.5	19.5	22.0	79	15.90	10
185	M 10	111R10		25	40	37.0	19.0	10.5	25.5	12.5	16.5	83	18.96	10
	M 12	111R12		25	40	37.0	19.0	13.0	25.5	13.5	17.5	83	18.11	10
	M 14	111R14	*	25	40	37.0	19.0	15.0	25.5	17.5	19.0	83	19.21	10
	M 16	111R16		25	40	37.0	19.0	17.0	25.5	16.5	20.0	83	18.74	25
	M 20	111R20		25	40	40.0	19.0	21.0	25.5	19.5	22.0	83	18.69	10
240	M 12	112R12		28	40	42.0	21.5	13.0	29.0	13.5	18.0	93	27.00	10
	M 14	112R14	*	28	40	42.0	21.5	15.0	29.0	17.5	20.0	93	27.58	10
	M 16	112R16		28	40	42.0	21.5	17.0	29.0	16.5	21.0	93	27.37	25
	M 20	112R20		28	40	45.0	21.5	21.0	29.0	19.5	23.0	93	26.88	10
300	M 12	113R12	*	32	50	46.0	24.5	13.0	32.0	14.0	22.0	101	32.89	5
	M 14	113R14	*	32	50	46.0	24.5	15.0	32.0	17.0	22.0	101	33.29	5
	M 16	113R16		32	50	46.0	24.5	17.0	32.0	16.5	23.0	101	32.94	5
	M 20	113R20		32	50	46.0	24.5	21.0	32.0	19.5	22.0	101	33.24	5
400	M 14	114R14	*	38	70	54.0	27.5	15.0	38.5	22.5	23.0	116	69.38	5
	M 16	114R16		38	70	54.0	27.5	17.0	38.5	22.5	23.0	116	68.54	5
	M 20	114R20		38	70	54.0	27.5	21.0	38.5	22.5	22.0	116	65.40	5
500	M 16	115R16	*	42	70	60.0	31.0	17.0	42.0	23.5	26.0	126	83.31	1
	M 20	115R20		42	70	60.0	31.0	21.0	42.0	22.5	26.0	126	81.58	1
625	M 16	116R16	*	44	80	64.0	34.5	17.0	44.0	23.0	26.0	137	79.60	1
	M 20	116R20		44	80	64.0	34.5	21.0	44.0	22.5	26.0	136	79.69	1
800	M 16	117R16	*	52	100	75.0	40.0	17.0	52.0	30.0	30.0	166	150.00	1
	M 20	117R20		52	100	75.0	40.0	21.0	52.0	22.5	30.0	166	149.00	1
1000	M 16	118R16	*	58	100	83.0	44.0	17.0	58.0	30.0	30.0	166	199.00	1
	M 20	118R20		58	100	83.0	44.0	21.0	58.0	30.0	30.0	166	195.00	1



Tool application chart

Compression cable lugs and compression joints

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	25 - 150	K09D		2.21		⬡
	6 - 120	K06D		2.20		⬡
	6 - 50	K05D		2.19		⬡
Mechanical, electrical, pneumatic crimping tools with interchangeable dies / heads	6 - 25	EK50ML		6.6	2.82	⬡
		K50		2.23	2.82	⬡
	6 - 120	K354		2.24	2.85	⬡
	6 - 300	K22		2.26	2.88	⬡
Hand hydraulic crimping tools	6 - 300	HK6022		2.56	2.88	⬡
	10 - 300	HK12030		2.60	2.92	⬡
		HK12042		2.62	2.92	⬡
		HK120U		2.64	2.92	⬡
Battery powered crimping tools	6 - 120	EK354		2.36	2.85	⬡
		EK354ML		2.32	2.85	⬡
	6 - 300	EK6022		2.40	2.88	⬡
		EK60UNV	+UA22	6.12	2.88	⬡
		EKM6022		2.38	2.88	⬡
		EKM6022IS		4.6	2.88	⬡
		EKM60UNV	+UA22	6.11	2.88	⬡
	10 - 300	EK12032		2.46	2.92	⬡
		EK12042		2.48	2.92	⬡
		EK120U		2.50	2.92	⬡
		EK120UNV	+UA12TKL	6.13	2.92	⬡
	10 - 625	EK135FT	+UA15T	2.52	2.92 + 2.96	⬡
Hydraulic crimping systems	6 - 300	THK22		2.68	2.88	⬡
	10 - 625	HK252	+25A13	2.78	2.92 + 2.96	⬡
	10 - 300	THK120		2.72	2.92	⬡
Hydraulic crimping heads	6 - 300	PK22		2.68	2.88	⬡
		PK60UNV	+UA22	6.10	2.88	⬡
	10 - 300	PK12042		2.72	2.92	⬡
		PK120U		2.74	2.92	⬡
	10 - 625	PK252	+25A13	2.76	2.92 + 2.96	⬡