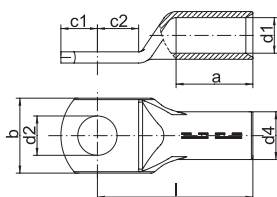




## Compression cable lugs to DIN, Cu



- ▶ For round conductors, e.g. to DIN 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
- Annealed material optimises material and crimping properties
- 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 69
- Sleeves for compacted conductors and sleeves for 3-core and 4-core cables, see chapter „Sleeves for compacted conductors and sector shaped conductors - Cu“

### Additional information

- Part Number appendix for bright version „BK“
- Item in barrier sealed design upon request
- 10 - 800 mm<sup>2</sup> IEC-tested
- \* = not standardised

Nominal cross section mm <sup>2</sup>	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	<b>101R5</b>		5	10	8.5	3.8	5.3	5.5	6.5	7.5	24	0.24	100
	M 6	<b>101R6</b>		5	10	8.5	3.8	6.4	5.5	7.5	8.0	24	0.30	100
	M 8	<b>101R8</b>	*	5	10	13.0	3.8	8.4	5.5	10.0	10.0	24	0.34	100
10	M 5	<b>102R5</b>		6	10	9.0	4.5	5.3	6.0	7.0	8.5	27	0.37	100
	M 6	<b>102R6</b>		6	10	9.0	4.5	6.4	6.0	7.5	8.5	27	0.36	100
	M 8	<b>102R8</b>	*	6	10	13.0	4.5	8.4	6.0	10.0	10.0	27	0.38	100
16	M 6	<b>103R6</b>		8	20	13.0	5.5	6.4	8.5	7.5	8.0	36	1.19	100
	M 8	<b>103R8</b>		8	20	13.0	5.5	8.4	8.5	10.0	10.0	36	1.22	100
	M 10	<b>103R10</b>		8	20	17.0	5.5	10.5	8.5	12.0	12.0	36	1.30	100
	M 12	<b>103R12</b>	*	8	20	18.0	5.5	13.0	8.5	13.0	13.0	36	1.27	100
25	M 6	<b>104R6</b>		10	20	14.0	7.0	6.4	10.0	7.5	8.0	38	1.51	50
	M 8	<b>104R8</b>		10	20	16.0	7.0	8.4	10.0	10.0	10.0	38	1.54	50
	M 10	<b>104R10</b>		10	20	17.0	7.0	10.5	10.0	12.0	12.0	38	1.62	50
	M 12	<b>104R12</b>		10	20	19.0	7.0	13.0	10.0	13.0	13.0	38	1.66	25
35	M 6	<b>105R6</b>	*	12	20	17.0	8.2	6.4	12.5	7.5	8.0	42	2.77	50
	M 8	<b>105R8</b>		12	20	17.0	8.2	8.4	12.5	10.0	10.0	42	2.85	50
	M 10	<b>105R10</b>		12	20	19.0	8.2	10.5	12.5	12.0	12.0	42	2.84	50
	M 12	<b>105R12</b>		12	20	21.0	8.2	13.0	12.5	13.0	13.0	42	2.79	50
	M 14	<b>105R14</b>	*	12	20	21.0	8.2	15.0	12.5	14.5	14.5	42	2.70	25

see next page



## Compression cable lugs to DIN, Cu

Nominal cross section mm <sup>2</sup>	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	<b>106R8</b>		14	28	20.0	10.0	8.4	14.5	10.0	10.0	52	4.46	50
	M 10	<b>106R10</b>		14	28	22.0	10.0	10.5	14.5	12.0	12.0	52	4.48	50
	M 12	<b>106R12</b>		14	28	24.0	10.0	13.0	14.5	13.0	13.0	52	4.40	50
	M 14	<b>106R14</b>	*	14	28	24.0	10.0	15.0	14.5	14.5	14.5	52	4.30	25
	M 16	<b>106R16</b>		14	28	28.0	10.0	17.0	14.5	16.0	16.0	52	4.57	25
70	M 8	<b>107R8</b>		16	28	24.0	11.5	8.4	16.5	10.0	10.0	55	5.92	50
	M 10	<b>107R10</b>		16	28	24.0	11.5	10.5	16.5	12.0	12.0	55	6.02	50
	M 12	<b>107R12</b>		16	28	24.0	11.5	13.0	16.5	13.0	13.0	55	5.89	50
	M 14	<b>107R14</b>	*	16	28	24.0	11.5	15.0	16.5	14.5	14.5	55	5.80	25
	M 16	<b>107R16</b>		16	28	30.0	11.5	17.0	16.5	16.0	16.0	55	6.13	25
95	M 8	<b>108R8</b>	*	18	35	28.0	13.5	8.4	19.0	12.0	12.0	65	9.21	25
	M 10	<b>108R10</b>		18	35	28.0	13.5	10.5	19.0	12.0	12.0	65	8.97	50
	M 12	<b>108R12</b>		18	35	28.0	13.5	13.0	19.0	13.0	13.0	65	8.62	50
	M 14	<b>108R14</b>	*	18	35	28.0	13.5	15.0	19.0	14.5	14.5	65	8.78	25
	M 16	<b>108R16</b>		18	35	32.0	13.5	17.0	19.0	16.0	16.0	65	9.00	50
120	M 10	<b>109R10</b>		20	35	32.0	15.5	10.5	21.0	15.0	16.0	70	11.40	50
	M 12	<b>109R12</b>		20	35	32.0	15.5	13.0	21.0	16.0	17.0	70	11.31	50
	M 14	<b>109R14</b>	*	20	35	32.0	15.5	15.0	21.0	18.0	19.0	70	11.45	25
	M 16	<b>109R16</b>		20	35	32.0	15.5	17.0	21.0	19.0	20.0	70	11.24	50
	M 20	<b>109R20</b>		20	35	38.0	15.5	21.0	21.0	21.0	22.0	70	11.03	25
150	M 10	<b>110R10</b>		22	35	34.0	17.0	10.5	23.5	15.0	16.0	78	16.38	10
	M 12	<b>110R12</b>		22	35	34.0	17.0	13.0	23.5	16.0	17.0	78	16.29	25
	M 14	<b>110R14</b>	*	22	35	34.0	17.0	15.0	23.5	19.0	20.0	78	16.38	10
	M 16	<b>110R16</b>		22	35	34.0	17.0	17.0	23.5	19.0	20.0	78	16.17	10
	M 20	<b>110R20</b>		22	35	40.0	17.0	21.0	23.5	21.0	22.0	78	15.90	10
185	M 10	<b>111R10</b>		25	40	37.0	19.0	10.5	25.5	15.0	16.0	82	18.96	10
	M 12	<b>111R12</b>		25	40	37.0	19.0	13.0	25.5	16.0	17.0	82	18.11	10
	M 14	<b>111R14</b>	*	25	40	37.0	19.0	15.0	25.5	19.0	20.0	82	19.21	10
	M 16	<b>111R16</b>		25	40	37.0	19.0	17.0	25.5	19.0	20.0	82	18.74	25
	M 20	<b>111R20</b>		25	40	40.0	19.0	21.0	25.5	21.0	22.0	82	18.69	10
240	M 12	<b>112R12</b>		28	40	42.0	21.5	13.0	29.0	16.0	17.0	92	27.00	10
	M 14	<b>112R14</b>	*	28	40	42.0	21.5	15.0	29.0	19.0	20.0	92	27.58	10
	M 16	<b>112R16</b>		28	40	42.0	21.5	17.0	29.0	19.0	20.0	92	27.37	25
	M 20	<b>112R20</b>		28	40	45.0	21.5	21.0	29.0	21.0	22.0	92	26.88	10
300	M 12	<b>113R12</b>	*	32	50	46.0	24.5	13.0	32.0	14.0	22.0	100	32.89	5
	M 14	<b>113R14</b>	*	32	50	46.0	24.5	15.0	32.0	19.0	22.0	100	33.29	5
	M 16	<b>113R16</b>		32	50	46.0	24.5	17.0	32.0	19.0	22.0	100	32.94	5
	M 20	<b>113R20</b>		32	50	46.0	24.5	21.0	32.0	22.0	22.0	100	33.24	5
400	M 14	<b>114R14</b>	*	38	70	54.0	27.5	15.0	38.5	25.0	25.0	115	69.38	5
	M 16	<b>114R16</b>		38	70	54.0	27.5	17.0	38.5	25.0	25.0	115	68.54	5
	M 20	<b>114R20</b>		38	70	54.0	27.5	21.0	38.5	25.0	25.0	115	65.40	5
500	M 16	<b>115R16</b>	*	42	70	60.0	31.0	17.0	42.0	25.0	25.0	125	83.31	1
	M 20	<b>115R20</b>		42	70	60.0	31.0	21.0	42.0	25.0	25.0	125	81.58	1
625	M 16	<b>116R16</b>	*	44	80	64.0	34.5	17.0	44.0	25.0	25.0	135	79.60	1
	M 20	<b>116R20</b>		44	80	64.0	34.5	21.0	44.0	25.0	25.0	135	79.69	1
800	M 16	<b>117R16</b>	*	52	100	75.0	40.0	17.0	52.0	30.0	30.0	165	150.00	1
	M 20	<b>117R20</b>		52	100	75.0	40.0	21.0	52.0	30.0	30.0	165	149.00	1
1000	M 16	<b>118R16</b>	*	58	100	83.0	44.0	17.0	58.0	30.0	30.0	165	199.00	1
	M 20	<b>118R20</b>		58	100	83.0	44.0	21.0	58.0	30.0	30.0	165	195.00	1