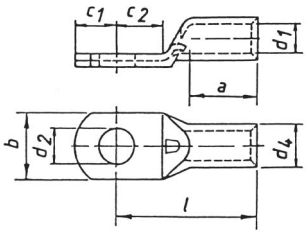


Tubular cable lugs, copper 0.75 - 6 mm²

Ring type

for fine stranded conductors

Characteristics

- With inspection hole
- Annealed material optimises material and crimping characteristics

Material

- Copper to EN 13600

Surface

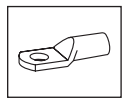
- Tin plated

Cross-section	Size of bolt		Dimensions mm								Weight/ 100 pcs.	
mm²	Ø	Part No.	d1	a	b	d2	d4	c1	c2	l	~ kg	pcs.
0.75	M3	**91R3**	1.3	6	6.0	3.2	2.8	3.25	4.0	12	0.060	100
	M4	**91R4**	1.3	6	6.5	4.3	2.8	4.00	5.0	13	0.060	100
	M5	**91R5**	1.3	6	7.5	5.3	2.8	4.75	5.5	14	0.060	100
1.5	M3	**92R3**	1.8	6	6.5	3.2	3.3	3.25	4.0	12	0.080	100
	M4	**92R4**	1.8	6	6.5	4.3	3.3	4.00	5.0	13	0.080	100
	M5	**92R5**	1.8	6	7.5	5.3	3.3	4.75	5.5	14	0.080	100
	M6	**92R6**	1.8	6	9.0	6.5	3.3	6.50	6.5	16	0.090	100
2.5	M3	**93R3**	2.3	6	7.5	3.2	4.2	3.25	4.0	12	0.120	100
	M4	**93R4**	2.3	6	7.5	4.3	4.2	4.00	5.0	13	0.120	100
	M5	**93R5**	2.3	6	8.5	5.3	4.2	4.75	5.5	14	0.130	100
	M6	**93R6**	2.3	6	9.5	6.5	4.2	6.50	6.5	16	0.150	100
	M8	**93R8**	2.3	6	13.0	8.5	4.2	7.75	9.5	20	0.180	100
4	M4	**94R4**	3.0	8	8.5	4.3	5.0	4.75	5.5	18	0.210	100
	M5	**94R5**	3.0	8	9.0	5.3	5.0	4.75	6.0	18	0.213	100
	M6	**94R6**	3.0	8	10.0	6.5	5.0	6.50	6.5	19	0.220	100
	M8	**94R8**	3.0	8	13.0	8.5	5.0	8.50	9.5	22	0.280	100
6	M4	**95R4**	4.0	9	9.5	4.3	6.0	5.00	5.5	18	0.290	100
	M5	**95R5**	4.0	9	9.5	5.3	6.0	6.00	6.0	19	0.300	100
	M6	**95R6**	4.0	9	10.0	6.5	6.0	7.00	6.5	19	0.300	100
	M8	**95R8**	4.0	9	14.0	8.5	6.0	8.50	9.5	22	0.320	100

▶ Tool: see chart page 44

Tubular cable lugs, copper 0.75 - 16 mm²

Fork type



- **For direct screw-mounting**
- **for fine stranded conductors**

Characteristics

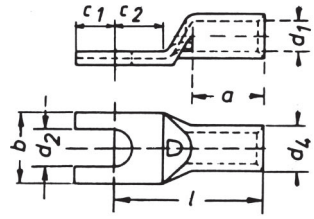
- With inspection hole
- Annealed material optimises material and crimping characteristics

Material

- Copper to EN 13600

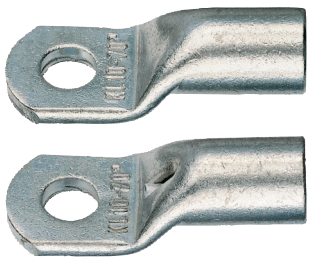
Surface

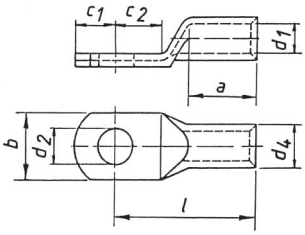
- Tin plated



Cross-section	Size of bolt		Dimensions mm								Weight/ 100 pcs.	
mm²	Ø	Part No.	d1	a	b	d2	d4	c1	c2	l	~ kg	pcs.
0.75	M3	**91C3**	1.3	6	6.0	3.2	2.8	3.25	4.0	12	0.06	100
	M4	**91C4**	1.3	6	6.5	4.3	2.8	4.00	5.0	13	0.05	100
	M5	**91C5**	1.3	6	7.5	5.3	2.8	4.75	5.5	14	0.06	100
1.5	M3	**92C3**	1.8	6	6.5	3.2	3.3	3.25	4.0	12	0.07	100
	M4	**92C4**	1.8	6	6.5	4.3	3.3	4.00	5.0	13	0.07	100
	M5	**92C5**	1.8	6	7.5	5.3	3.3	4.75	5.5	14	0.07	100
	M6	**92C6**	1.8	6	9.0	6.5	3.3	6.50	6.5	16	0.08	100
2.5	M3	**93C3**	2.3	6	7.5	3.2	4.2	3.25	4.0	12	0.12	100
	M4	**93C4**	2.3	6	7.5	4.3	4.2	4.00	5.0	13	0.11	100
	M5	**93C5**	2.3	6	8.5	5.3	4.2	4.75	5.5	14	0.12	100
	M6	**93C6**	2.3	6	9.5	6.5	4.2	6.50	6.5	16	0.10	100
4	M4	**94C4**	3.0	8	8.5	4.3	5.0	4.75	5.5	17	0.19	100
	M5	**94C5**	3.0	8	9.0	5.3	5.0	4.75	6.0	17	0.19	100
	M6	**94C6**	3.0	8	10.0	6.5	5.0	6.50	6.5	19	0.21	100
	M8	**94C8**	3.0	8	13.0	8.5	5.0	8.50	9.5	22	0.24	100
6	M4	**95C4**	4.0	9	9.5	4.3	6.0	5.00	5.5	18	0.27	100
	M5	**95C5**	4.0	9	9.5	5.3	6.0	6.00	6.0	19	0.32	100
	M6	**95C6**	4.0	9	10.0	6.5	6.0	7.00	6.5	19	0.27	100
	M8	**95C8**	4.0	9	14.0	8.5	6.0	8.50	9.0	22	0.31	100
10	M5	**96C5**	4.5	10	12.0	5.5	7.0	6.50	7.5	22	0.45	100
	M6	**96C6**	4.5	10	12.0	6.5	7.0	6.50	7.5	22	0.41	100
	M8	**96C8**	4.5	10	15.0	8.5	7.0	10.00	10.0	25	0.52	100
16	M5	**97C5**	5.5	13	12.0	5.5	8.5	5.50	6.5	26	0.81	100
	M6	**97C6**	5.5	13	12.0	6.5	8.5	6.25	7.5	27	0.81	100
	M8	**97C8**	5.5	13	15.0	8.5	8.5	8.50	9.5	29	0.90	100

▶ Tool: see chart page 44





Tubular cable lugs, copper 6 - 400 mm²

standard type

- **For stranded round shaped conductors e.g. VDE 0295 Class 2**
- **For pre-rounded sector shaped conductors**

Characteristics

- Annealed material optimises material and crimping characteristics

Material

- Copper to EN 13600

Surface

- Tin plated

Order info

- Also available with inspection hole, part number with „ms“

Cross-section	Size of bolt		Dimensions mm								Weight/ 100 pcs.	
mm²	Ø	Part No.	d1	a	b	d2	d4	c1	c2	l	~ kg	pcs.
6	M5	**1R5**	3.5	9	10	5.5	6.5	6.50	7.5	21	0.50	100
	M6	**1R6**	3.5	9	12	6.5	6.5	6.50	7.5	21	0.47	100
	M8	**1R8**	3.5	9	15	8.5	6.5	10.00	10.0	23	0.54	100
	M10	**1R10**	3.5	9	17	10.5	6.5	12.00	12.0	25	0.59	100
	M12	**1R12**	3.5	9	19	13.0	6.5	13.00	13.0	28	0.63	100
10	M5	**2R5**	4.5	10	12	5.5	7.0	6.50	7.5	22	0.50	100
	M6	**2R6**	4.5	10	12	6.5	7.0	6.50	7.5	22	0.49	100
	M8	**2R8**	4.5	10	15	8.5	7.0	10.00	10.0	25	0.58	100
	M10	**2R10**	4.5	10	17	10.5	7.0	12.00	12.0	27	0.62	100
	M12	**2R12**	4.5	10	19	13.0	7.0	13.00	13.0	29	0.64	100
16	M5	**3R5**	5.5	13	12	5.5	8.5	5.50	6.5	26	0.84	100
	M6	**3R6**	5.5	13	12	6.5	8.5	6.25	7.5	27	0.86	100
	M8	**3R8**	5.5	13	15	8.5	8.5	8.50	9.5	29	0.93	100
	M10	**3R10**	5.5	13	17	10.5	8.5	10.50	11.5	31	0.99	100
	M12	**3R12**	5.5	13	19	13.0	8.5	12.00	13.0	33	1.02	100
25	M5	**4R5**	7.0	15	14	5.5	10.0	7.50	7.5	30	1.22	25
	M6	**4R6**	7.0	15	14	6.5	10.0	7.50	7.5	30	1.20	100
	M8	**4R8**	7.0	15	16	8.5	10.0	10.00	10.0	32	1.31	100
	M10	**4R10**	7.0	15	18	10.5	10.0	12.00	12.0	34	1.57	100
	M12	**4R12**	7.0	15	19	13.0	10.0	13.00	13.0	35	1.39	25
	M14	**4R14**	7.0	15	21	15.0	10.0	14.50	14.5	38	1.49	25
35	M6	**5R6**	8.5	17	17	6.5	12.0	7.50	7.5	32	1.85	100
	M8	**5R8**	8.5	17	17	8.5	12.0	10.00	10.0	34	2.00	100
	M10	**5R10**	8.5	17	19	10.5	12.0	12.00	12.0	37	2.13	100
	M12	**5R12**	8.5	17	21	13.0	12.0	13.00	13.0	38	2.12	100
	M14	**5R14**	8.5	17	21	15.0	12.0	14.50	14.5	40	2.18	25
	M16	**5R16**	8.5	17	26	17.0	12.0	16.00	16.0	42	2.24	25
50	M6	**6R6**	10.0	19	20	6.5	14.0	10.00	10.0	37	3.00	25
	M8	**6R8**	10.0	19	20	8.5	14.0	10.00	10.0	37	2.93	50
	M10	**6R10**	10.0	19	20	10.5	14.0	12.00	12.0	39	3.08	50
	M12	**6R12**	10.0	19	23	13.0	14.0	13.00	13.0	43	3.23	50
	M14	**6R14**	10.0	19	23	15.0	14.0	14.50	14.5	45	3.32	25
	M16	**6R16**	10.0	19	28	17.0	14.0	16.00	16.0	46	3.38	25
	M20	**6R20**	10.0	19	30	21.0	14.0	19.00	19.0	48	3.46	25

Tubular cable lugs, copper 6 - 400 mm²

standard type

Cross-section	Size of bolt		Dimensions mm								Weight/ 100 pcs.	
mm²	Ø	Part No.	d1	a	b	d2	d4	c1	c2	l	~ kg	pcs.
70	M6	**7R6**	12.0	21	23	6.5	16.5	10.00	10.0	43	4.49	25
	M8	**7R8**	12.0	21	23	8.5	16.5	10.00	10.0	43	4.38	50
	M10	**7R10**	12.0	21	23	10.5	16.5	12.00	12.0	44	4.54	50
	M12	**7R12**	12.0	21	23	13.0	16.5	13.00	13.0	46	4.63	50
	M14	**7R14**	12.0	21	23	15.0	16.5	14.50	14.5	48	4.76	25
	M16	**7R16**	12.0	21	28	17.0	16.5	16.00	16.0	50	4.24	25
	M20	**7R20**	12.0	21	30	21.0	16.5	19.00	19.0	53	5.09	25
95	M8	**8R8**	13.5	25	26	8.5	18.0	12.0	12.0	48	5.44	25
	M10	**8R10**	13.5	25	26	10.5	18.0	12.0	12.0	48	5.40	50
	M12	**8R12**	13.5	25	26	13.0	18.0	13.0	13.0	49	5.56	50
	M14	**8R14**	13.5	25	26	15.0	18.0	14.5	14.5	51	5.62	25
	M16	**8R16**	13.5	25	28	17.0	18.0	16.0	16.0	54	5.82	50
	M20	**8R20**	13.5	25	36	21.0	18.0	22.0	22.0	60	6.71	25
120	M8	**9R8**	15.0	26	28	8.5	19.5	14.0	14.0	51	6.72	25
	M10	**9R10**	15.0	26	28	10.5	19.5	14.0	14.0	51	6.57	50
	M12	**9R12**	15.0	26	28	13.0	19.5	14.0	14.0	51	6.38	50
	M14	**9R14**	15.0	26	28	15.0	19.5	15.0	15.0	52	6.45	25
	M16	**9R16**	15.0	26	30	17.0	19.5	16.0	16.0	54	6.51	50
	M20	**9R20**	15.0	26	36	21.0	19.5	22.0	22.0	63	7.74	25
150	M8	**10R8**	16.5	30	31	8.5	21.0	14.0	14.0	56	7.78	10
	M10	**10R10**	16.5	30	31	10.5	21.0	14.0	14.0	56	7.62	10
	M12	**10R12**	16.5	30	31	13.0	21.0	15.0	15.0	57	7.73	25
	M14	**10R14**	16.5	30	31	15.0	21.0	15.0	15.0	57	7.64	10
	M16	**10R16**	16.5	30	31	17.0	21.0	16.0	16.0	58	7.53	10
	M20	**10R20**	16.5	30	36	21.0	21.0	22.0	22.0	66	8.80	10
185	M10	**11R10**	19.0	30	35	10.5	24.0	18.0	18.0	65	11.75	10
	M12	**11R12**	19.0	30	35	13.0	24.0	18.0	18.0	65	11.82	10
	M14	**11R14**	19.0	30	35	15.0	24.0	18.0	18.0	65	11.39	10
	M16	**11R16**	19.0	30	35	17.0	24.0	18.0	18.0	65	11.24	25
	M20	**11R20**	19.0	30	39	21.0	24.0	22.0	22.0	69	12.00	10
240	M10	**12R10**	21.0	35	39	10.5	26.0	21.5	19.0	72	14.72	10
	M12	**12R12**	21.0	35	39	13.0	26.0	21.5	19.0	72	14.55	10
	M14	**12R14**	21.0	35	39	15.0	26.0	21.5	19.0	72	14.24	10
	M16	**12R16**	21.0	35	39	17.0	26.0	21.5	19.0	72	14.09	25
	M20	**12R20**	21.0	35	39	21.0	26.0	21.5	19.0	72	13.60	10
300	M12	**13R12**	23.5	44	43	13.0	29.5	24.0	24.0	87	23.33	5
	M14	**13R14**	23.5	44	43	15.0	29.5	24.0	24.0	87	23.14	5
	M16	**13R16**	23.5	44	43	17.0	29.5	24.0	24.0	87	22.74	5
	M20	**13R20**	23.5	44	43	21.0	29.5	24.0	24.0	87	22.19	5
400	M12	**14R12**	27.0	44	49	13.0	34.0	24.0	24.0	90	32.41	5
	M14	**14R14**	27.0	44	49	15.0	34.0	24.0	24.0	90	32.24	5
	M16	**14R16**	27.0	44	49	17.0	34.0	24.0	24.0	90	31.98	5
	M20	**14R20**	27.0	44	49	21.0	34.0	24.0	24.0	90	31.41	5

▶ Tool: see chart page 44