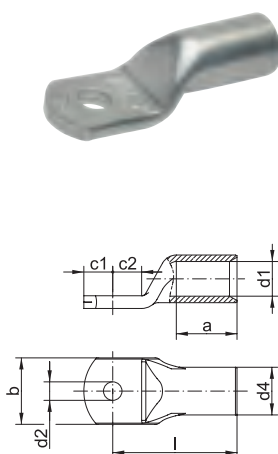




## Tubular cable lugs, Cu, standard type



- ▶ For multi-stranded round conductors, e.g. to DIN EN 60228 Cl. 2
- ▶ For pre-rounded multi-stranded sector shaped conductors
- ▶ Ideal cable lug for control cabinet construction
- ▶ In combination with EKM 60 ID suitable for fine-stranded conductors



### Characteristics

- Annealed material optimises material and crimping properties
- To DIN EN 61373 class 1B vibration-tested
- Simple and safe connection due to flat contact surfaces and internal chamfer
- Item identification on cable lug



### Material

- Copper (EN13600)



### Surface

- Tin-plated to protect against corrosion



### Technical instructions

- Tool: see page 38
- 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

- Also available as featured article with inspection hole, part number appendix „MS“

Nominal cross section mm <sup>2</sup>	Size of bolt dia.	Part No.	Dimension mm								Weight/ 100 pcs. ~ kg	Packing unit/pcs
			d1	a	b	d2	d4	c1	c2	l		
6	M5	<b>1R5</b>	3.5	9	10	5.5	6.5	6.50	7.5	21	0.50	100
	M6	<b>1R6</b>	3.5	9	12	6.5	6.5	6.50	7.5	21	0.47	100
	M8	<b>1R8</b>	3.5	9	15	8.5	6.5	10.00	10.0	23	0.54	100
	M10	<b>1R10</b>	3.5	9	17	10.5	6.5	12.00	12.0	25	0.59	100
	M12	<b>1R12</b>	3.5	9	19	13.0	6.5	13.00	13.0	28	0.63	100
10	M5	<b>2R5</b>	4.5	10	12	5.5	7.0	6.50	7.5	22	0.50	100
	M6	<b>2R6</b>	4.5	10	12	6.5	7.0	6.50	7.5	22	0.49	100
	M8	<b>2R8</b>	4.5	10	15	8.5	7.0	10.00	10.0	25	0.58	100
	M10	<b>2R10</b>	4.5	10	17	10.5	7.0	12.00	12.0	27	0.62	100
	M12	<b>2R12</b>	4.5	10	19	13.0	7.0	13.00	13.0	29	0.64	100
16	M5	<b>3R5</b>	5.5	13	12	5.5	8.5	5.50	6.5	26	0.84	100
	M6	<b>3R6</b>	5.5	13	12	6.5	8.5	6.25	7.5	27	0.86	100
	M8	<b>3R8</b>	5.5	13	15	8.5	8.5	8.50	9.5	29	0.93	100
	M10	<b>3R10</b>	5.5	13	17	10.5	8.5	10.50	11.5	31	0.99	100
	M12	<b>3R12</b>	5.5	13	19	13.0	8.5	12.00	13.0	33	1.02	100
25	M5	<b>4R5</b>	7.0	15	14	5.5	10.0	7.50	7.5	30	1.22	25
	M6	<b>4R6</b>	7.0	15	14	6.5	10.0	7.50	7.5	30	1.20	100
	M8	<b>4R8</b>	7.0	15	16	8.5	10.0	10.00	10.0	32	1.31	100
	M10	<b>4R10</b>	7.0	15	18	10.5	10.0	12.00	12.0	34	1.57	100
	M12	<b>4R12</b>	7.0	15	19	13.0	10.0	13.00	13.0	35	1.39	25
	M14	<b>4R14</b>	7.0	15	21	15.0	10.0	14.50	14.5	38	1.49	25
35	M6	<b>5R6</b>	8.5	17	17	6.5	12.0	7.50	7.5	32	1.85	100
	M8	<b>5R8</b>	8.5	17	17	8.5	12.0	10.00	10.0	34	2.00	100
	M10	<b>5R10</b>	8.5	17	19	10.5	12.0	12.00	12.0	37	2.13	100
	M12	<b>5R12</b>	8.5	17	21	13.0	12.0	13.00	13.0	38	2.12	100
	M14	<b>5R14</b>	8.5	17	21	15.0	12.0	14.50	14.5	40	2.18	25
	M16	<b>5R16</b>	8.5	17	26	17.0	12.0	16.00	16.0	42	2.24	25

See next page



### Tubular cable lugs, Cu, standard type

Nominal cross section mm <sup>2</sup>	Size of bolt dia.	Part No.	Dimension mm								Weight/ 100 pcs. ~ kg	Packing unit/pcs
			d1	a	b	d2	d4	c1	c2	l		
50	M6	<b>6R6</b>	10.0	19	20	6.5	14.0	10.00	10.0	37	3.00	25
	M8	<b>6R8</b>	10.0	19	20	8.5	14.0	10.00	10.0	37	2.93	50
	M10	<b>6R10</b>	10.0	19	20	10.5	14.0	12.00	12.0	39	3.08	50
	M12	<b>6R12</b>	10.0	19	23	13.0	14.0	13.00	13.0	43	3.23	50
	M14	<b>6R14</b>	10.0	19	23	15.0	14.0	14.50	14.5	45	3.32	25
	M16	<b>6R16</b>	10.0	19	28	17.0	14.0	16.00	16.0	46	3.38	25
	M20	<b>6R20</b>	10.0	19	30	21.0	14.0	19.00	19.0	48	3.46	25
70	M6	<b>7R6</b>	12.0	21	23	6.5	16.5	10.00	10.0	43	4.49	25
	M8	<b>7R8</b>	12.0	21	23	8.5	16.5	10.00	10.0	43	4.38	50
	M10	<b>7R10</b>	12.0	21	23	10.5	16.5	12.00	12.0	44	4.54	50
	M12	<b>7R12</b>	12.0	21	23	13.0	16.5	13.00	13.0	46	4.63	50
	M14	<b>7R14</b>	12.0	21	23	15.0	16.5	14.50	14.5	48	4.76	25
	M16	<b>7R16</b>	12.0	21	28	17.0	16.5	16.00	16.0	50	4.24	25
	M20	<b>7R20</b>	12.0	21	30	21.0	16.5	19.00	19.0	53	5.09	25
95	M8	<b>8R8</b>	13.5	25	26	8.5	18.0	12.00	12.0	48	5.44	25
	M10	<b>8R10</b>	13.5	25	26	10.5	18.0	12.00	12.0	48	5.40	50
	M12	<b>8R12</b>	13.5	25	26	13.0	18.0	13.00	13.0	49	5.56	50
	M14	<b>8R14</b>	13.5	25	26	15.0	18.0	14.50	14.5	51	5.62	25
	M16	<b>8R16</b>	13.5	25	28	17.0	18.0	16.00	16.0	54	5.82	50
	M20	<b>8R20</b>	13.5	25	36	21.0	18.0	22.00	22.0	60	6.71	25
120	M8	<b>9R8</b>	15.0	26	28	8.5	19.5	14.00	14.0	51	6.72	25
	M10	<b>9R10</b>	15.0	26	28	10.5	19.5	14.00	14.0	51	6.57	50
	M12	<b>9R12</b>	15.0	26	28	13.0	19.5	14.00	14.0	51	6.38	50
	M14	<b>9R14</b>	15.0	26	28	15.0	19.5	15.00	15.0	52	6.45	25
	M16	<b>9R16</b>	15.0	26	30	17.0	19.5	16.00	16.0	54	6.51	50
150	M20	<b>9R20</b>	15.0	26	36	21.0	19.5	22.00	22.0	63	7.74	25
	M8	<b>10R8</b>	16.5	30	31	8.5	21.0	14.00	14.0	56	7.78	10
	M10	<b>10R10</b>	16.5	30	31	10.5	21.0	14.00	14.0	56	7.62	10
	M12	<b>10R12</b>	16.5	30	31	13.0	21.0	15.00	15.0	57	7.73	25
	M14	<b>10R14</b>	16.5	30	31	15.0	21.0	15.00	15.0	57	7.64	10
185	M16	<b>10R16</b>	16.5	30	31	17.0	21.0	16.00	16.0	58	7.53	10
	M20	<b>10R20</b>	16.5	30	36	21.0	21.0	22.00	22.0	66	8.80	10
	M10	<b>11R10</b>	19.0	30	35	10.5	24.0	18.00	18.0	65	11.75	10
	M12	<b>11R12</b>	19.0	30	35	13.0	24.0	18.00	18.0	65	11.82	10
	M14	<b>11R14</b>	19.0	30	35	15.0	24.0	18.00	18.0	65	11.39	10
240	M16	<b>11R16</b>	19.0	30	35	17.0	24.0	18.00	18.0	65	11.24	25
	M20	<b>11R20</b>	19.0	30	39	21.0	24.0	22.00	22.0	69	12.00	10
	M10	<b>12R10</b>	21.0	35	39	10.5	26.0	21.50	19.0	72	14.72	10
	M12	<b>12R12</b>	21.0	35	39	13.0	26.0	21.50	19.0	72	14.55	10
	M14	<b>12R14</b>	21.0	35	39	15.0	26.0	21.50	19.0	72	14.24	10
300	M16	<b>12R16</b>	21.0	35	39	17.0	26.0	21.50	19.0	72	14.09	25
	M20	<b>12R20</b>	21.0	35	39	21.0	26.0	21.50	19.0	72	13.60	10
	M12	<b>13R12</b>	23.5	44	43	13.0	29.5	24.00	24.0	87	23.33	5
	M14	<b>13R14</b>	23.5	44	43	15.0	29.5	24.00	24.0	87	23.14	5
400	M16	<b>13R16</b>	23.5	44	43	17.0	29.5	24.00	24.0	87	22.74	5
	M20	<b>13R20</b>	23.5	44	43	21.0	29.5	24.00	24.0	87	22.19	5
	M12	<b>14R12</b>	27.0	44	49	13.0	34.0	24.00	24.0	90	32.41	5
	M14	<b>14R14</b>	27.0	44	49	15.0	34.0	24.00	24.0	90	32.24	5
400	M16	<b>14R16</b>	27.0	44	49	17.0	34.0	24.00	24.0	90	31.98	5
	M20	<b>14R20</b>	27.0	44	49	21.0	34.0	24.00	24.0	90	31.41	5