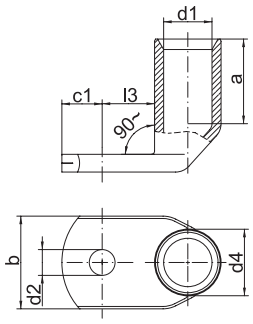
Angled tubular cable lugs, Cu, 90° angled, standard type











- For multi-stranded, round conductors e.g. to DIN EN 60228
- For pre-rounded multi-stranded sector shaped conductors
- Flat contact surface by special angle pressing technology
- In combination with the EKM 60 ID suitable for fine stranded conductors

Characteristics

- Annealed material optimises material and crimping properties
- Simple cable entry due to 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 mm²	Size of bolt dia.	Part No.	Dimension mm							Weight/ 100 pcs. ~ kg	Packing unit/pcs
			d1	a	b	d2	d4	c1	l3		
6	M5	**41R5**	3.5	9	10	5.5	6.5	7.5	9	0.59	50
	M6	**41R6**	3.5	9	12	6.5	6.5	7.5	10	0.58	50
	M8	**41R8**	3.5	9	14	8.5	6.5	10.0	13	0.61	50
	M10	**41R10**	3.5	9	17	10.5	6.5	12.0	15	0.65	50
	M12	**41R12**	3.5	9	19	13.0	6.5	13.0	17	0.62	50
10	M5	**42R5**	4.5	10	12	5.5	7.0	6.5	10	0.57	50
	M6	**42R6**	4.5	10	12	6.5	7.0	6.5	10	0.57	50
	M8	**42R8**	4.5	10	15	8.5	7.0	10.0	13	0.63	50
	M10	**42R10**	4.5	10	17	10.5	7.0	12.0	15	0.66	50
	M12	**42R12**	4.5	10	19	13.0	7.0	13.0	18	0.81	50
16	M5	**43R5**	5.5	13	12	5.5	8.5	7.5	10	1.01	50
	M6	**43R6**	5.5	13	12	6.5	8.5	7.5	11	1.01	50
	M8	**43R8**	5.5	13	15	8.5	8.5	10.0	13	1.08	50
	M10	**43R10**	5.5	13	17	10.5	8.5	12.0	15	1.09	50
	M12	**43R12**	5.5	13	19	13.0	8.5	13.0	18	1.15	50
25	M5	**44R5**	7.0	15	14	5.5	10.0	7.5	11	1.40	25
	M6	**44R6**	7.0	15	14	6.5	10.0	7.5	11	1.32	25
	M8	**44R8**	7.0	15	16	8.5	10.0	10.0	13	1.44	25
	M10	**44R10**	7.0	15	18	10.5	10.0	12.0	15	1.49	25
	M12	**44R12**	7.0	15	19	13.0	10.0	13.0	18	1.44	25
	M14	**44R14**	7.0	15	21	15.0	10.0	14.5	20	1.55	25
35	M6	**45R6**	8.5	17	17	6.5	12.0	7.5	11	2.05	25
	M8	**45R8**	8.5	17	17	8.5	12.0	10.0	13	2.20	25
	M10	**45R10**	8.5	17	19	10.5	12.0	12.0	15	2.28	25
	M12	**45R12**	8.5	17	21	13.0	12.0	13.0	18	2.38	25
	M14	**45R14**	8.5	17	21	15.0	12.0	14.5	20	2.41	25
	M16	**45R16**	8.5	17	26	17.0	12.0	16.0	22	2.40	25

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Nominal cross section mm²	Size of bolt dia.	Part No.	Dimension mm							Weight/ 100 pcs. ~ kg	Packing unit/pcs
			d1	a	b	d2	d4	c1	l3		
50	M6	**46R6**	10.0	19	20	6.5	14.0	10.0	13	3.34	25
	M8	**46R8**	10.0	19	20	8.5	14.0	10.0	13	3.28	25
	M10	**46R10**	10.0	19	20	10.5	14.0	12.0	16	3.47	25
	M12	**46R12**	10.0	19	23	13.0	14.0	13.0	18	3.42	25
	M14	**46R14**	10.0	19	23	15.0	14.0	14.5	20	3.55	25
	M16	**46R16**	10.0	19	28	17.0	14.0	16.0	22	3.58	25
	M20	**46R20**	10.0	19	30	21.0	14.0	19.0	24	3.15	25
70	M6	**47R6**	12.0	21	23	6.5	16.5	10.0	13	4.90	25
	M8	**47R8**	12.0	21	23	8.5	16.5	10.0	14	4.80	25
	M10	**47R10**	12.0	21	23	10.5	16.5	12.0	16	4.88	25
	M12	**47R12**	12.0	21	23	13.0	16.5	13.0	18	4.99	25
	M14	**47R14**	12.0	21	23	15.0	16.5	14.5	20	5.38	25
	M16	**47R16**	12.0	21	28	17.0	16.5	16.0	22	5.35	25
	M20	**47R20**	12.0	21	30	21.0	16.5	19.0	24	5.30	25
95	M8	**48R8**	13.5	25	26	8.5	18.0	12.0	14	5.89	25
	M10	**48R10**	13.5	25	26	10.5	18.0	12.0	17	5.88	25
	M12	**48R12**	13.5	25	26	13.0	18.0	13.0	18	5.93	25
	M14	**48R14**	13.5	25	26	15.0	18.0	14.5	20	6.03	25
	M16	**48R16**	13.5	25	28	17.0	18.0	16.0	22	6.17	25
	M20	**48R20**	13.5	25	36	21.0	18.0	22.0	24	6.42	25
120	M8	**49R8**	15.0	26	28	8.5	19.5	14.0	16	7.26	10
	M10	**49R10**	15.0	26	28	10.5	19.5	14.0	17	7.30	10
	M12	**49R12**	15.0	26	28	13.0	19.5	14.0	18	7.19	10
	M14	**49R14**	15.0	26	28	15.0	19.5	15.0	20	7.30	10
	M16	**49R16**	15.0	26	30	17.0	19.5	16.0	22	7.35	10
	M20	**49R20**	15.0	26	36	21.0	19.5	22.0	24	7.60	10
150	M8	**50R8**	16.5	30	31	8.5	21.0	14.0	16	8.41	10
	M10	**50R10**	16.5	30	31	10.5	21.0	14.0	17	8.27	10
	M12	**50R12**	16.5	30	31	13.0	21.0	15.0	18	8.34	10
	M14	**50R14**	16.5	30	31	15.0	21.0	15.0	20	8.52	10
	M16	**50R16**	16.5	30	31	17.0	21.0	16.0	22	8.62	10
	M20	**50R20**	16.5	30	36	21.0	21.0	22.0	24	9.10	10
185	M10	**51R10**	19.0	30	35	10.5	24.0	18.0	22	12.17	10
	M12	**51R12**	19.0	30	35	13.0	24.0	18.0	22	11.97	10
	M14	**51R14**	19.0	30	35	15.0	24.0	18.0	22	11.77	10
	M16	**51R16**	19.0	30	35	17.0	24.0	18.0	22	11.53	10
	M20	**51R20**	19.0	30	39	21.0	24.0	22.0	24	12.00	10
240	M10	**52R10**	21.0	35	39	10.5	26.0	21.5	22	15.60	10
	M12	**52R12**	21.0	35	39	13.0	26.0	21.5	22	15.60	10
	M14	**52R14**	21.0	35	39	15.0	26.0	21.5	22	15.41	10
	M16	**52R16**	21.0	35	39	17.0	26.0	21.5	22	15.18	10
	M20	**52R20**	21.0	35	39	21.0	26.0	21.5	24	14.80	10
300	M12	**53R12**	23.5	44	43	13.0	29.5	24.0	24	23.60	5
	M14	**53R14**	23.5	44	43	15.0	29.5	24.0	24	23.40	5
	M16	**53R16**	23.5	44	43	17.0	29.5	24.0	24	20.99	5
	M20	**53R20**	23.5	44	43	21.0	29.5	24.0	24	22.70	5
400	M12	**54R12**	27.0	44	49	13.0	34.0	24.0	24	32.53	5
	M14	**54R14**	27.0	44	49	15.0	34.0	24.0	24	33.40	5
	M16	**54R16**	27.0	44	49	17.0	34.0	24.0	24	32.60	5
	M20	**54R20**	27.0	44	49	21.0	34.0	24.0	24	31.80	5