

## CABLE CONNECTIONS

### Compression cable lugs and joints

Document No.: 09-100-R1

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German Cathodic Protection

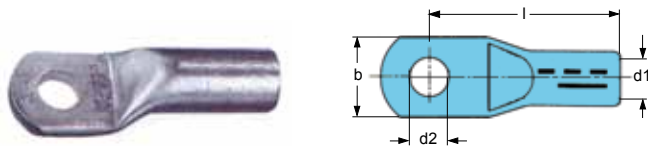


#### Tubular compression cable lugs DIN 46235

for circular stranded copper conductors and circular stranded/sector shaped copper conductors.

Material: Copper

Surface: tin plated, optional copper finishing



Conductor mm <sup>2</sup>	Bolt size	Dimensions (mm)				Type No.
		b	d1	d2	l	
6	M6	8.5	3.8	6.4	24	KL101/R6
10	M6	9	4.5	6.4	27	KL102/R6
16	M6	13	5.5	6.4	36	KL103/R6
16	M8	13	5.5	8.4	36	KL103/R8
16	M10	17	5.5	10.5	36	KL103/R10
25	M8	16	7	8.4	38	KL104/R8
25	M10	17	7	10.5	38	KL104/R10
25	M12	19	7	13	38	KL104/R12
35	M8	17	8.2	8.4	42	KL105/R8
35	M10	19	8.2	10.5	42	KL105/R10
35	M12	21	8.2	13	42	KL105/R12
50	M8	20	10	8.4	52	KL106/R8
50	M10	22	10	10.5	52	KL106/R10
50	M12	24	10	13	52	KL106/R12
50	M16	28	10	17	52	KL106/R16
70	M8	24	11.5	8.4	55	KL107/R8
70	M10	24	11.5	10.5	55	KL107/R10
70	M12	24	11.5	13	55	KL107/R12
70	M16	30	11.5	17	55	KL107/R16
95	M10	28	13.5	10.5	65	KL108/R10
95	M12	28	13.5	13	65	KL108/R12
95	M16	32	13.5	17	65	KL108/R16
120	M10	32	15.5	10.5	70	KL109/R10
120	M12	32	15.5	13	70	KL109/R12
120	M16	32	15.5	17	70	KL109/R16
150	M10	34	17	10.5	78	KL110/R10
150	M12	34	17	13	78	KL110/R12
150	M16	34	17	17	78	KL110/R16
150	M20	40	17	21	78	KL110/R20
185	M10	37	19	10.5	82	KL111/R10
185	M12	37	19	13	82	KL111/R12
185	M16	37	19	17	82	KL111/R16
185	M20	40	19	21	82	KL111/R20
240	M12	42	21.5	13	92	KL112/R12
240	M16	42	21.5	17	92	KL112/R16
240	M20	45	21.5	21	92	KL112/R20

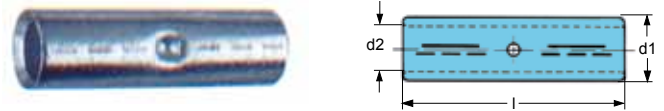
#### Compression joints DIN 46267 Part 1

for non-tension connections

for circular stranded copper conductors and circular stranded/sector shaped copper conductors.

Material: Copper

Surface: tin plated, optional copper finishing



Conductor mm <sup>2</sup>	Conductor dia. mm	Dimensions (mm)			Type No.
		d1	d2	l	
6	2.7 - 3.3	5.5	3.8	30	KL121 R
10	3.5 - 4.2	6	4.5	30	KL122 R
16	4.5 - 5.3	8.5	5.5	50	KL123 R
25	5.6 - 6.6	10	7	50	KL124 R
35	6.6 - 7.9	12.5	8.2	50	KL125 R
50	7.7 - 9.1	14.5	10	56	KL126 R
70	9.3 - 11.0	16.5	11.5	56	KL127 R
95	11.0 - 12.9	19	13.5	70	KL128 R
120	12.5 - 14.5	21	15.5	70	KL129 R
150	13.9 - 16.2	23.5	17	80	KL130 R
185	15.5 - 18.0	25.5	19	85	KL131 R
240	17.8 - 20.6	29	21.5	90	KL132 R