

DATA SHEET	61796480
Cable Lugs KR/ KRT/ KRF	valid of : 18.12.2003

Cable lugs for multi-strands according to IEC 228, class 2, and fine-wire conductors according to IEC 228, class 5.

Cable lugs for max. 48 kV, are mainly used for machine copper connections.

The pressing of the cable lugs together with the recommended tools* is tested according to VDE 0220:1; SEN 245010 and BS 4579:1.

*for details see last pag

Technical information

KR:

Suitable for fine-wire conductors and multi-strands

Cross section: 0,75 – 10 mm²

material: 99,9% copper, electrolytically tinned

processing: hydraulic tools

working temperature: up to 90°C



KRT:

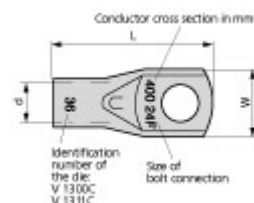
Suitable for multi-strands

Cross section: 10 – 400 mm²

material: 99,9% copper, electrolytically tinned

processing: hydraulic tools

working temperature: up to 90°C



KRF:

Suitable for fine-wire conductors

Cross section: 16 – 400 mm²

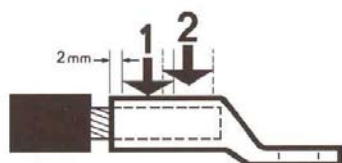
material: 99,9% copper, electrolytically tinned

processing: hydraulic tools

working temperature: up to 90°C

Pressing

Up to 150 mm² normally one pressing procedure up is sufficient. For bigger cross sections 2 pressing procedures (see below) are necessary.



Pressing sequence, when two pressings are necessary

elaborated by: PD: Mayer-Vorfelder	Document: DB61796480_1EN	page 1 of 5
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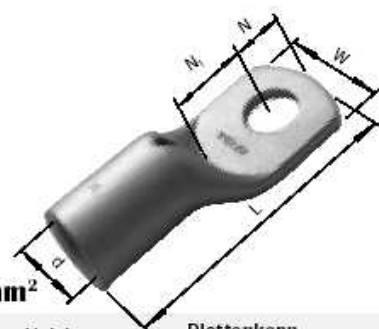
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Rohrkabelschuhe 0,75 - 1000 mm²

Kat no mm ²	Cu-Leiter	mm W	d	N	N ₁	L	kg/ 100	St/ Verp	Halskenn- zeichnung (Kennzahl)	Plattenkenn- zeichnung	Note
KR 0,75 -3 -4	RF + RM	6,0	1,3	3,2	3,8	16,0	0,06	100		0,75 3 0,75 4	
KR 1,5 -3 -4 -5	*	6,5 * 7,5	1,8 * *	3,4 4,2 4,8	3,6 4,3 4,7	16,0 17,0 18,0	0,07 0,08 *	100 * *		1,5 3 1,5 4 1,5 5	
KR 2,5 -3 -4 -5 -6	*	7,5 * 8,5 *	2,3 * * *	3,5 4,2 4,8 5,1	4,1 * 4,8 4,9	17,0 18,0 19,0 *	0,14 0,13 * 0,12	100 * * *		2,5 3 2,5 4 2,5 5 2,5 6	
KR 4 -4 -5 -6	*	8,5 * 9,0 10,0	3,0 * *	4,2 4,8 5,0	5,8 5,2 7,0	21 22 23	0,21 0,22 *	100 * *		4 4 4 5 4 6	
KR 6 -4 -5 -6 -8	*	9,5 * 10,0 13,5	4,0 * * *	4,0 5,0 5,5 7,0	7,0 6,0 6,5 10,0	22 * 23 30	0,28 0,27 * 0,34	100 * * *		6 4 6 5 6 6 6 8	
KR 10 -5 -6 -8 -10 -12	*	11,5 * 13,5 16,0 19,0	5,0 * * * *	6,0 * 7,0 8,0 10,0	7,0 * 9,0 10,0 14,0	29 * 33 34 41	0,72 0,70 0,75 0,74 0,86	100 * * * *	8 8 8 8 8	10 5 10 6 10 8 10 10 10 12	
KRT 10 -5 -6 -8 -10 -12	RM	10,0 * 13,0 16,0 19,0	4,5 * * * *	6,0 * 8,0 * 10,0	8,0 * 11,0 * 14,0	29 * 34 * 41	0,55 0,53 0,59 0,56 0,63	100 * * * *	7 7 7 7 7	10 5 10 6 10 8 10 10 10 12	
KRT 16 -5 -6 -8 -10 -12	*	12,0 * 15,0 16,0 19,0	5,5 * * * *	6,0 * 8,0 * 10,0	8,0 * 11,0 * 14,0	34 * 39 * 44	0,92 * 1,0 1,2 1,4	100 * * * *	8,5 8,5 8,5 8,5 8,5	16 5 16 6 16 8 16 10 16 12	
KRT 25 -6 -8 -10 -12	*	14,0 * 15,0 16,0 19,0	7,0 * * * *	9,0 * * * 12,0	12,0 * * * 13,0	43 * * * 48	1,4 * * 1,3 *	100 * * * *	10 10 10 10 10	25 6 25 8 25 10 25 12 25 12	
KRT 35 -6 -8 -10 -12	*	17,0 * 19,0 *	8,5 * * *	9,5 * * 12,0	12,5 * * 14,0	48 * * 53	2,4 2,3 2,2 *	100 * * * *	12 12 12 12	35 6 35 8 35 10 35 12	
KRT 50 -6 -8 -10 -12	*	20 * * 22	10,0 * * *	11,0 * * 12,0	12,0 * * 14,0	53 * * 56	3,5 3,4 3,3 *	100 * * * *	14 14 14 14	50 6 50 8 50 10 50 12	
KRT 70 -8 -10 -12	*	23 * *	12,0 * *	11,0 * 12,0	12,0 * 14,0	55 * 58	4,2 4,1 4,3	100 * * *	16 16 16	70 8 70 10 70 12	

Note:

- Two pressings are necessary
- Two pressings are necessary if System V1300 for KRD 185-400mm² or V500 resp. T2600 for all types from 70-120 mm² is used

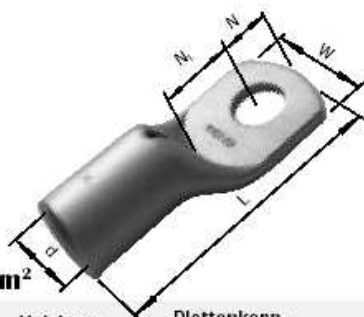
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Rohrkabelschuhe 0,75 - 1000 mm²

Handelsüblich mehrdrahtig															
Kat no	mm ²		Cu-Leiter	mm W	d	N	N ₁	L	kg/ 100	St/ Verp	Halskenn- zeichnung (Kennzahl)	Plattenkenn- zeichnung 	Note		
KRT	95	8	RM	26	13,5	11,0	12,0	60	5,9	100	18	95 8	2		
		10	*	*	*	*	*	*	5,8	*	18	95 10	2		
		12	*	*	12,0	14,0	63	5,6	*	18	95 12	2			
		16	*	28	*	15,0	17,0	69	6,2	*	18	95 16	2		
	120	10	*	28	15,0	11,0	14,0	64	5,7	100	19	120 10	2		
		12	*	*	12,0	*	*	5,6	*	19	120 12	2			
		16	*	*	15,0	17,0	70	5,9	*	19	120 16	2			
	150	12	*	32	17,0	15,0	17,0	76	9,6	50	22	150 12			
		16	*	*	*	*	*	9,1	*	22	150 16				
		20	*	*	19,0	20	83	9,5	*	22	150 20				
	185	12	*	35	19,0	15,0	17,0	79	11	50	24	185 12	2		
		16	*	*	*	*	*	*	*	24	185 16	2			
		20	*	*	19,0	20	86	*	*	24	185 20	2			
	240	12	*	38	21	15,0	17,0	86	14	50	26	240 12	2		
		16	*	*	*	*	*	13	*	26	240 16	2			
		20	*	*	19,0	20	93	*	*	26	240 20	2			
	300	12	*	44	24	19,0	20	100	21	25	30	300 12	2		
		16	*	*	*	*	*	*	*	30	300 16	2			
		20	*	*	*	*	*	*	*	30	300 20	2			
	400	16	*	48	26	21	31	114	26	25	32	400 16	2		
		20	*	*	*	*	*	25	*	32	400 20	2			
		24	*	*	*	*	*	*	*	32	400 24	2			
	500	00	***	*	58	31	70**	-	160	60	-	40	500	1	
		16	*	*	*	25	35	150	*	-	40	500 16	1		
	20	*	*	*	*	*	*	*	-	40	500 20	1			
	24	*	*	*	*	*	*	*	-	40	500 24	1			
630	00	***	*	65	34	70**	-	160	90	-	45	630	1		
	20	*	*	*	25	35	150	*	-	45	630 20	1			
	24	*	*	*	*	*	*	*	-	45	630 24	1			
800	00	***	*	75	39	80**	-	195	160	-	53	800	1		
	24	*	*	*	35	45	*	*	-	53	800 24	1			
1000	00	***	*	80	43	80**	-	195	170	-	56	1000	1		
KRD	16	5	RM	12,0	5,4	6,0	8,0	29	0,60	100	8	16 5			
		6	*	*	*	*	*	0,61	*	8	16 6				
		8	*	14,0	*	8,0	9,0	33	0,66	*	8	16 8			
		10	*	16,0	*	*	10,0	34	0,64	*	8	16 10			
		12	*	18,0	*	9,0	11,0	35	0,60	*	8	16 12			
	25	6	*	13,0	6,7	7,0	9,0	32	0,70	100	9	25 6			
		8	*	*	*	*	*	0,66	*	9	25 8				
		10	*	16,0	*	10,0	12,0	38	0,78	*	9	25 10			
		12	*	22	*	12,0	13,0	47	0,93	*	9	25 12			
	35	6	*	16,0	8,0	7,5	10,0	37	1,3	100	11	35 6			
		8	*	*	*	8,5	*	38	*	11	35 8				
		10	*	17,0	*	10,0	11,5	42	*	11	35 10				
		12	*	22	*	12,0	13,0	47	1,4	11	35 12				
	50	6	*	18,0	9,5	8,5	11,5	44	2,4	100	12	50 6			
		8	*	*	*	*	*	2,3	*	12	50 8				
		10	*	*	*	9,5	12,0	49	2,2	12	50 10				
		12	*	20	*	12,0	14,0	53	*	12	50 12				

Note:

- Two pressings are necessary
- Two pressings are necessary if System V1300 for KRD 185-400mm² or V500 resp. T2600 for all types from 70-120 mm² is used

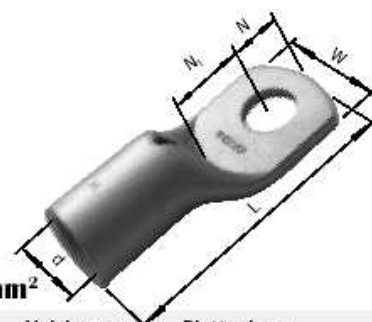
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Rohrkabelschuhe 0,75 - 1000 mm²

Kat no	Cu-Leiter	mm	d	N	N ₁	L	kg/100	St/Verp	Halskennzeichnung (Kennzahl)	Plattenkennzeichnung	Note	
mm ²		W										
KRD 70	-8	RM	22	11,3	11,0	12,0	54	2,4	50	14	70 8	
	-10	*	*	*	*	*	*	2,3	*	14	70 10	
	-12	*	*	*	12,0	14,0	57	2,4	*	14	70 12	
KRD 95	-8	*	24	13,0	11,0	12,0	58	3,1	50	16	95 8	2
	-10	*	*	*	*	*	*	3,3	*	16	95 10	2
	-12	*	*	*	12,0	14,0	61	*	*	16	95 12	2
	-16	*	28	*	15,0	17,0	67	3,5	*	16	95 16	2
KRD 120	-10	*	28	15,0	11,0	15,0	64	9,1	50	19	120 10	2
	-12	*	*	*	12,0	14,0	*	9,0	*	19	120 12	2
	-16	*	*	*	15,0	17,0	70	8,7	*	19	120 16	2
KRD 150	-12	*	32	17,0	15,0	17,0	76	13	50	22	150 12	
	-16	*	*	*	*	*	*	*	*	22	150 16	
	-20	*	*	*	19,0	20	83	*	*	22	150 20	
KRD 185	-12	*	36	19,0	15,0	17,0	80	13	50	25	185 12	2
	-16	*	*	*	*	*	*	*	*	25	185 16	2
	-20	*	*	*	19,0	20	87	*	*	25	185 20	2
KRD 240	-12	*	39	21	15,0	17,0	86	16	50	27	240 12	2
	-16	*	*	*	*	*	*	15	*	27	240 16	2
	-20	*	*	*	19,0	20	93	16	*	27	240 20	2
KRD 300	-12	*	44	24	19,0	20	100	21	25	30	300 12	2
	-16	*	*	*	*	*	*	*	*	30	300 16	2
	-20	*	*	*	*	*	*	20	*	30	300 20	2
KRD 400	-16	*	48	26	21	32	114	26	25	32	400 16	2
	-20	*	*	*	*	*	*	25	*	32	400 20	2
	-24	*	*	*	*	*	*	24	*	32	400 24	2
KRD 500	-00	***	*	58	31	70**	-	160	-	40	500	1
	-16	*	*	*	25	35	150	60	-	40	500 16	1
	-20	*	*	*	*	*	*	*	-	40	500 20	1
	-24	*	*	*	*	*	*	*	-	40	500 24	1
KRD 630	-00	***	*	65	34	75**	-	165	-	45	630	1
	-20	*	*	*	25	35	150	90	-	45	630 20	1
	-24	*	*	*	*	*	*	*	-	45	630 24	1
KRD 800	-00	***	*	75	39	80**	-	195	-	53	800	1
	-24	*	*	*	35	45	*	*	-	53	800 24	1
KRD 1000	-00	***	*	80	43	80**	-	195	-	56	1000	1

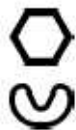
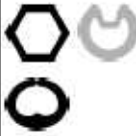
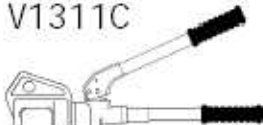
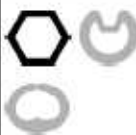
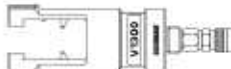
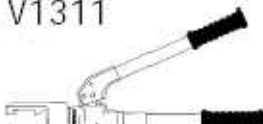
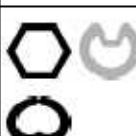
Fein- und metradrätig	KRF 16	-6	RF + RM	13,0	6,0	7,0	9,0	33	0,91	100	9	16 6F	
		-8	*	*	*	*	*	*	0,85	*	9	16 8F	
		-10	*	16,0	*	10,0	12,0	38	0,94	*	9	16 10F	
		-12	*	22	*	12,0	13,0	47	1,1	*	9	16 12F	
	KRF 25	-6	*	16,0	8,0	7,0	10,0	37	1,4	100	11	25 6F	
		-8	*	*	*	8,0	*	38	1,3	*	11	25 8F	
		-10	*	17,0	*	10,0	12,0	42	1,4	*	11	25 10F	
		-12	*	22	*	12,0	13,0	47	1,6	*	11	25 12F	
	KRF 35	-6	*	18,0	9,0	10,0	10,0	45	2,6	100	13	35 6F	
		-8	*	*	*	*	*	*	2,5	*	13	35 8F	
		-10	*	*	*	*	11,0	*	2,4	*	13	35 10F	
		-12	*	22	*	12,0	14,0	52	*	*	13	35 12F	

Note:

- Two pressings are necessary
- Two pressings are necessary if System V1300 for KRD 185-400mm² or V500 resp. T2600 for all types from 70-120 mm² is used

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Recommended Tools

Cross section	Profile	Tools	Mechanisch	Hydraulisch	Backensystem	Pumpengetrieben	Force	Note
4-25		T2258, T2287, T2288 	X					
10-185		V800 		X	X	X	8 ton	Al- and AlCu- connections 16-150 mm ² (solid 16-185 mm ²)
10-400		V1300C 		X	X	X	13 ton	
		V1311C 		X	X		13 ton	
		PV13000 		X	X		13 ton	Al- and AlCu- connections 16-240 mm ²
		V1300TI 		X	X	X	13 ton	Al- and AlCu- connections 16-240 mm ²
		V1300 		X	X	X	13 ton	Al- and AlCu- connections 16-240 mm ²
		V1311 		X			13 ton	Al- and AlCu- connections 16-240 mm ²
		V1400 		X	X	X	20 ton	Al- and AlCu- connections 16-630 mm ² (solid 16-300 mm ²)