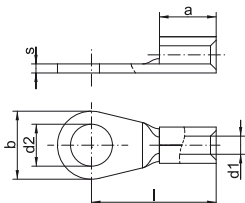




Solderless terminals to DIN, Cu



- ▶ For round conductors, e.g. to DIN EN 60228 Cl. 2, 5 and 6
- ▶ To DIN 46234
- ▶ High-quality brazing process in the crimp area



Characteristics

- Improved contact properties due to grooved profile



Material

- Copper (EN13599)



Surface

- Tin-plated to protect against corrosion



Technical instructions

- Tool: see page 82

Additional information

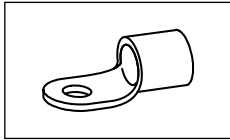
- * = not standardised
- 0.5 - 6 mm² not UL-tested

Nominal cross section mm ²	Nominal size to DIN	Part No.	Hint	Dimension mm						Weight/100 pcs. ~ kg	Packing unit/pcs
				a	b	d1	d2	l	s		
0.5 - 1	2.5 - 1	162025		5	6	1.6	2.8	11	0.8	0.060	100
	3 - 1	16203		5	6	1.6	3.2	11	0.8	0.060	100
	3.5 - 1	162035		5	6	1.6	3.7	11	0.8	0.055	100
	4 - 1	16204		5	8	1.6	4.3	12	0.8	0.070	100
	5 - 1	16205		5	10	1.6	5.3	13	0.8	0.090	100
	6 - 1	16206	*	5	11	1.6	6.5	15	0.8	0.080	100
	8 - 1	16208	*	5	14	1.6	8.4	17	0.8	0.130	100
	10 - 1	162010	*	5	18	1.6	10.5	19	0.8	0.130	100
1.5 - 2.5	3 - 2.5	16303		5	6	2.3	3.2	11	0.8	0.065	100
	4 - 2.5	16304		5	8	2.3	4.3	12	0.8	0.080	100
	3.5 - 2.5	163035		5	6	2.3	3.7	11	0.8	0.065	100
	5 - 2.5	16305		5	10	2.3	5.3	14	0.8	0.090	100
	6 - 2.5	16306		5	11	2.3	6.5	16	0.8	0.110	100
	8 - 2.5	16308		5	14	2.3	8.4	17	0.8	0.130	100
	10 - 2.5	163010	*	5	18	2.3	10.5	19	0.8	0.160	100
12 - 2.5	163012	*	5	18	2.3	12.5	19	0.8	0.160	100	
4 - 6	4 - 6	16504		6	8	3.6	4.3	14	1.0	0.140	100
	5 - 6	16505		6	10	3.6	5.3	15	1.0	0.160	100
	6 - 6	16506		6	11	3.6	6.5	16	1.0	0.170	100
	8 - 6	16508		6	14	3.6	8.4	19	1.0	0.220	100
	10 - 6	165010		6	18	3.6	10.5	21	1.0	0.290	100
	12 - 6	165012	*	6	18	3.6	13.0	21	1.0	0.280	100
10	5 - 10	16525		8	10	4.5	5.3	16	1.1	0.230	100
	6 - 10	16526		8	11	4.5	6.5	17	1.1	0.24	100
	8 - 10	16528		8	14	4.5	8.4	20	1.1	0.340	100
	10 - 10	165210		8	18	4.5	10.5	21	1.1	0.340	100
	12 - 10	165212		8	22	4.5	13.0	23	1.1	0.420	100
16	5 - 16	16535		10	11	5.8	5.3	20	1.2	0.390	100
	6 - 16	16536		10	11	5.8	6.5	20	1.2	0.380	100
	8 - 16	16538		10	14	5.8	8.4	22	1.2	0.43	100
	10 - 16	165310		10	18	5.8	10.5	24	1.2	0.500	100
	12 - 16	165312		10	22	5.8	13.0	24	1.2	0.500	100

see next page

Solderless terminals to DIN, Cu

Nominal cross section mm ²	Nominal size to DIN	Part No.	Hint	Dimension mm						Weight/100 pcs. ~ kg	Packing unit/pcs
				a	b	d1	d2	l	s		
25	5 - 25	16545		11	12	7.5	5.3	25	1.5	0.750	100
	6 - 25	16546		11	12	7.5	6.5	25	1.5	0.750	100
	8 - 25	16548		11	16	7.5	8.4	25	1.5	0.750	100
	10 - 25	165410		11	18	7.5	10.5	26	1.5	0.750	100
	12 - 25	165412		11	22	7.5	13.0	31	1.5	0.920	100
	16 - 25	165416		11	28	7.5	17.0	35	1.5	1.320	100
35	6 - 35	16556		12	16	9.0	8.4	26	1.6	0.980	100
	8 - 35	16558		12	16	9.0	8.4	26	1.6	0.980	100
	10 - 35	165510		12	18	9.0	10.5	27	1.6	1.000	100
	12 - 35	165512		12	22	9.0	13.0	31	1.6	1.260	100
	16 - 35	165516		12	28	9.0	17.0	36	1.6	1.550	100
50	6 - 50	16566		16	18	11.0	6.5	34	1.8	1.650	100
	8 - 50	16568		16	18	11.0	8.4	34	1.8	1.650	100
	10 - 50	165610		16	18	11.0	10.5	34	1.8	1.600	100
	12 - 50	165612		16	22	11.0	13.0	36	1.8	1.800	100
	16 - 50	165616		16	28	11.0	17.0	40	1.8	2.100	100
70	6 - 70	16576		18	22	13.0	6.5	38	2.0	2.600	50
	8 - 70	16578		18	22	13.0	8.4	38	2.0	2.500	50
	10 - 70	165710		18	22	13.0	10.5	38	2.0	2.500	50
	12 - 70	165712		18	22	13.0	13.0	38	2.0	2.400	50
	16 - 70	165716		18	28	13.0	17.0	42	2.0	2.700	50
95	8 - 95	16588		20	24	15.0	8.4	42	2.5	4.300	50
	10 - 95	165810		20	24	15.0	10.5	42	2.5	4.1	50
	12 - 95	165812		20	24	15.0	13.0	42	2.5	3.900	50
	16 - 95	165816		20	28	15.0	17.0	44	2.5	4.100	50
120	8 - 120	16598		22	24	17.0	8.4	44	3.0	5.601	50
	10 - 120	165910		22	24	17.0	10.5	44	3.0	5.600	50
	12 - 120	165912		22	24	17.0	13.0	44	3.0	5.400	50
	16 - 120	165916		22	28	17.0	17.0	48	3.0	5.800	50
150	10 - 150	166010		24	30	19.0	10.5	50	3.2	7.600	50
	12 - 150	166012		24	30	19.0	13.0	50	3.2	7.600	50
	16 - 150	166016		24	30	19.0	17.0	50	3.2	7.500	50
185	12 - 185	166112		28	36	21.0	13.0	50	3.5	11.300	50
	16 - 185	166116		28	36	21.0	17.0	50	3.5	11.300	50
240	12 - 240	166212		32	38	23.5	13.0	56	4.0	15.900	25
	16 - 240	166216		32	38	23.5	17.0	56	4.0	15.900	25

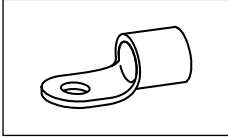


Tool application chart

**Solderless terminals to DIN 46234, pin terminals to DIN 46230,
solderless connectors to DIN 46341**
Part 1 of 2












Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	0,5 - 16	K25		225		
	16 - 95	K95		225		
		TK95		225		
Mechanical, electrical, pneumatic crimping tools with interchangeable dies / heads	0,5 - 10	K50		235	312	
		EK50ML		244	312	
		K507		234		
	6 - 35	K354		236	316	
	10 - 70	K18		238	324	
		K22		240	329	
Hand hydraulic crimping tools	10 - 70	HK6018		280	324	
		HK60UNV	+UA18	465	324	
		HK6022		282	329	
		HK60UNV	+UA22	465	329	
	10 - 150	HK12030		286	335	
		HK12042		288	335	
		HK120U		290	335	
Battery powered crimping tools	0,5 - 10	EK1550ML		248	312	
	6 - 35	EK354ML		250	316	
		EK354		256	316	
	6 - 95	EK30IDML		247		
	10 - 50	EK505		258	320	
	10 - 70	EK5018		260	324	
		EK60UNV	+UA18	468	324	
		EKM60UNV	+UA18	467	324	
		EK6022		264	329	
		EKM6022		262	329	
		EK60UNV	+UA22	468	329	
		EKM60UNV	+UA22	467	329	
	10 - 240	EKM60ID		268		
	10 - 150	EK12032		270	335	
		EK12042		272	335	
		EK120U		274	335	
		EK135FT	+UA15T	276	335	
EK120UNV		+UA12T	469	335		

see next page



Tool application chart

Solderless terminals to DIN 46234, pin terminals to DIN 46230,
solderless connectors to DIN 46341
Part 2 of 2

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Hydraulic crimping systems	10 - 70	THK18		294	324	
		THK22		296	329	
	10 - 150	THK120		300	335	
	10 - 240	HK252	+25A13	308	335 + 340	
Hydraulic crimping heads	10 - 70	PK18		294	324	
		PK60UNV	+UA18	466	324	
		PK22		296	329	
		PK60UNV	+UA22	466	329	
	10 - 240	PK60ID		299		
	10 - 150	PK12042		300	335	
		PK120U		302	335	
	10 - 240	PK252	+25A13	304	335 + 340	