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COPPER CRIMP CONNECTORS

L Series Lugs, Dies and Tools



Verbindungen mit **System**
The **Power** of Partnership

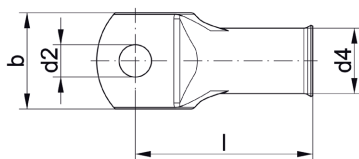
Klauke[®]

Tubular Cable Lugs - L Series & Technical data



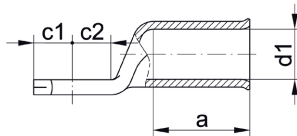
Tubular cable lugs copper * 6 - 630 mm², L-series, Standard type

- For stranded conductors e.g. BS EN 60228 Class 2
- For pre-rounded sector shaped conductors
- Annealed to optimise crimping properties
- Simple cable entry due to flared tube
- Material/Surface: copper acc. to EN 13600/tin plated



mm²	M5	M6	M8	M10	M12	M14	M16	M20
6	L65FMS	L66FMS	L68FMS	L610FMS	L612FMS			
10	L105FMS	L106FMS	L108FMS	L1010FMS	L1012FMS			
16	L165FMS	L166FMS	L168FMS	L1610FMS	L1612FMS			
25	L255FMS	L256FMS	L258FMS	L2510FMS	L2512FMS	L2514FMS		
35		L356FMS	L358FMS	L3510FMS	L3512FMS	L3514FMS	L3516FMS	
50		L506FMS	L508FMS	L5010FMS	L5012FMS	L5014FMS	L5016FMS	L5020FMS
70		L706FMS	L708FMS	L7010FMS	L7012FMS	L7014FMS	L7016FMS	L7020FMS
95			L958FMS	L9510FMS	L9512FMS	L9514FMS	L9516FMS	L9520FMS
120			L1208FMS	L12010FMS	L12012FMS	L12014FMS	L12016FMS	L12020FMS
150			L1508FMS	L15010FMS	L15012FMS	L15014FMS	L15016FMS	L15020FMS
185				L18510FMS	L18512FMS	L18514FMS	L18516FMS	L18520FMS
240				L24010FMS	L24012FMS	L24014FMS	L24016FMS	L24020FMS
300					L30012FMS	L30014FMS	L30016FMS	L30020FMS
400					L40012FMS	L40014FMS	L40016FMS	L40020FMS
500							L50016FMS	L50020FMS
630							L63016FMS	L63020FMS

* 90° and 45° angled versions on request



mm²	Size of bolt ø	Part Number	Dimensions mm									Pack size
0.75	M3	L0753MS	1.3	6.0	6.0	3.2	2.8	3.25	4.0	12.0	100	
0.75	M4	L0754MS	1.3	6.0	6.5	4.3	2.8	4.0	5.0	13.0	100	
0.75	M5	L0755MS	1.3	6.0	7.5	5.3	2.8	4.75	5.5	14.0	100	
1.5	M3	L153MS	1.8	6.0	6.5	3.2	3.3	3.25	4.0	12.0	100	
1.5	M4	L154MS	1.8	6.0	6.5	4.3	3.3	4.0	5.0	13.0	100	
1.5	M5	L155MS	1.8	6.0	7.5	5.3	3.3	4.75	5.5	14.0	100	
1.5	M6	L156MS	1.8	6.0	9.0	6.4	3.3	6.5	6.5	16.0	100	
2.5	M3	L2.53MS	2.3	6.0	7.5	3.2	4.2	3.25	4.0	12.0	100	
2.5	M4	L2.54MS	2.3	6.0	7.5	4.3	4.2	4.0	5.0	13.5	100	
2.5	M5	L2.55MS	2.3	6.0	8.5	5.3	4.2	4.75	5.5	14.0	100	
2.5	M6	L2.56MS	2.3	6.0	9.5	6.5	4.2	6.5	7.0	16.0	100	
2.5	M8	L2.58MS	2.3	6.0	13.0	8.5	4.2	7.75	9.5	20.0	100	
4	M4	L44MS	3.0	8.0	8.5	4.3	5.0	4.75	5.5	17.0	100	
4	M5	L45MS	3.0	8.0	9.0	5.3	5.0	4.75	6.0	17.0	100	
4	M6	L46MS	3.0	8.0	10.0	6.5	5.0	6.5	7.0	19.0	100	
4	M8	L48MS	3.0	8.0	13.0	8.5	5.0	8.5	9.5	22.0	100	
6	M5	L65FMS	4.0	9.0	9.5	5.3	6.0	6.5	6.5	19.0	100	
6	M6	L66FMS	4.0	9.0	10.0	6.5	6.0	7.0	6.5	19.0	100	
6	M8	L68FMS	4.0	9.0	14.0	8.5	6.0	8.5	8.5	19.0	100	
6	M10	L610FMS	4.0	9.0	17.0	10.5	6.0	12.0	12.0	24.5	100	
10	M5	L105FMS	4.4	10.0	10.0	5.3	6.0	6.25	6.5	21.0	100	
10	M6	L106FMS	4.4	10.0	10.0	6.5	6.0	7.0	7.0	21.0	100	
10	M8	L108FMS	4.4	10.0	13.0	8.5	6.0	8.5	8.5	24.0	100	
10	M10	L1010FMS	4.4	10.0	16.0	10.5	6.0	12.0	12.0	27.5	100	
10	M12	L1012FMS	4.4	10.0	17.0	13.0	6.0	13.0	13.0	29.0	100	
16	M5	L165FMS	5.5	11.0	11.5	5.3	8.0	5.5	6.5	24.0	100	
16	M6	L166FMS	5.5	11.0	11.5	6.5	8.0	6.3	7.5	24.0	100	
16	M8	L168FMS	5.5	11.0	14.0	8.5	8.0	8.5	9.5	27.0	100	
16	M10	L1610FMS	5.5	11.0	17.0	10.5	8.0	10.8	11.5	29.0	100	
16	M12	L1612FMS	5.5	11.0	19.0	13.0	8.0	12.0	13.0	31.0	100	
25	M5	L255FMS	6.8	12.0	13.0	5.5	9.0	7.5	7.5	26.0	100	
25	M6	L256FMS	6.8	12.0	13.0	6.5	9.0	7.5	7.5	26.0	100	
25	M8	L258FMS	6.8	12.0	14.0	8.5	9.0	10.0	10.0	28.0	100	
25	M10	L2510FMS	6.8	12.0	17.0	10.5	9.0	12.0	12.0	31.0	100	
25	M12	L2512FMS	6.8	12.0	19.0	13.0	9.0	13.0	13.0	32.0	100	
25	M14	L2514FMS	6.8	12.0	21.0	15.0	9.0	14.5	14.5	35.0	100	
35	M6	L356FMS	8.2	15.0	16.0	6.5	11.0	7.5	7.5	30.0	100	
35	M8	L358FMS	8.2	15.0	16.0	8.5	11.0	10.0	10.0	32.0	100	
35	M10	L3510FMS	8.2	15.0	18.0	10.5	11.0	12.0	12.0	35.0	100	
35	M12	L3512FMS	8.2	15.0	19.0	13.0	11.0	13.0	13.0	36.0	100	
35	M14	L3514FMS	8.2	15.0	21.0	15.0	11.0	14.5	14.5	38.0	100	
35	M16	L3516FMS	8.2	15.0	26.0	17.0	11.0	14.5	14.5	38.0	100	
50	M6	L506FMS	9.5	18.0	18.0	6.5	12.0	7.5	7.5	36.0	100	
50	M8	L508FMS	9.5	18.0	18.0	8.5	12.0	10.0	10.0	36.0	100	
50	M10	L5010FMS	9.5	18.0	18.0	10.5	12.0	12.0	12.0	38.0	100	
50	M12	L5012FMS	9.5	18.0	21.0	13.0	12.0	13.0	13.0	39.0	100	
50	M14	L5014FMS	9.5	18.0	21.0	15.0	12.0	14.5	14.5	42.0	100	
50	M16	L5016FMS	9.5	18.0	26.0	17.0	12.0	16.0	16.0	43.0	100	

			Dimensions mm									
mm²	Size of bolt ø	Part Number	d1	a	b	d2	d4	c1	c2	l	Pack size	
70	M6	L706FMS	11.2	20.0	21.0	6.5	14.5	10.0	10.0	39.0	100	
70	M8	L708FMS	11.2	20.0	21.0	8.5	14.5	10.0	10.0	39.0	100	
70	M10	L7010FMS	11.2	20.0	21.0	10.5	14.5	12.0	12.0	41.0	100	
70	M12	L7012FMS	11.2	20.0	22.0	13.0	14.5	13.0	13.0	42.0	100	
70	M14	L7014FMS	11.2	20.0	23.0	15.0	14.5	14.5	14.5	45.0	100	
70	M16	L7016FMS	11.2	20.0	26.0	17.0	14.5	16.0	16.0	46.0	100	
95	M6	L956FMS	13.4	22.0	25.0	6.5	17.0	10.0	10.0	45.0	50	
95	M8	L958FMS	13.4	22.0	25.0	8.5	17.0	10.0	10.0	45.0	50	
95	M10	L9510FMS	13.4	22.0	25.0	10.5	17.0	12.0	12.0	45.0	50	
95	M12	L9512FMS	13.4	22.0	25.0	13.0	17.0	13.0	13.0	47.0	50	
95	M14	L9514FMS	13.4	22.0	27.0	15.0	17.0	14.5	14.5	49.0	50	
95	M16	L9516FMS	13.4	22.0	27.0	17.0	17.0	16.0	16.0	51.0	50	
95	M20	L9520FMS	13.4	22.0	30.0	21.0	17.0	16.0	16.0	57.0	50	
120	M8	L1208FMS	15.0	26.0	28.0	8.4	19.5	14.0	14.0	51.0	50	
120	M10	L12010FMS	15.0	26.0	28.0	10.5	19.5	14.0	14.0	51.0	50	
120	M12	L12012FMS	15.0	26.0	28.0	13.0	19.5	14.0	14.0	51.0	50	
120	M14	L12014FMS	15.0	26.0	28.0	15.0	19.5	15.0	15.0	52.0	50	
120	M16	L12016FMS	15.0	26.0	30.0	17.0	19.5	16.0	16.0	54.0	50	
120	M20	L12020FMS	15.0	26.0	36.0	21.0	19.5	22.0	22.0	63.0	50	
150	M8	L1508FMS	16.5	30.0	31.0	8.4	21.0	14.0	14.0	56.0	50	
150	M10	L15010FMS	16.5	30.0	31.0	10.5	21.0	14.0	14.0	56.0	50	
150	M12	L15012FMS	16.5	30.0	31.0	13.0	21.0	15.0	15.0	57.0	50	
150	M14	L15014FMS	16.5	30.0	31.0	15.0	21.0	15.0	15.0	57.0	50	
150	M16	L15016FMS	16.5	30.0	31.0	17.0	21.0	16.0	16.0	58.0	50	
150	M20	L15020FMS	16.5	30.0	36.0	21.0	21.0	22.0	22.0	66.0	50	
185	M10	L18510FMS	19.0	30.0	35.0	10.5	24.0	18.0	18.0	65.0	50	
185	M12	L18512FMS	19.0	30.0	35.0	13.0	24.0	18.0	18.0	65.0	50	
185	M14	L18514FMS	19.0	30.0	35.0	15.0	24.0	18.0	18.0	65.0	50	
185	M16	L18516FMS	19.0	30.0	35.0	17.0	24.0	18.0	18.0	65.0	50	
185	M20	L18520FMS	19.0	30.0	39.0	21.0	24.0	20.0	20.0	69.0	50	
240	M10	L24010FMS	21.0	35.0	39.0	10.5	26.0	21.5	19.0	72.0	50	
240	M12	L24012FMS	21.0	35.0	39.0	13.0	26.0	21.5	19.0	72.0	50	
240	M14	L24014FMS	21.0	35.0	39.0	15.0	26.0	21.5	19.0	72.0	50	
240	M16	L24016FMS	21.0	35.0	39.0	17.0	26.0	21.5	19.0	72.0	50	
240	M20	L24020FMS	21.0	35.0	39.0	21.0	26.0	22.0	19.0	72.0	50	
300	M12	L30012FMS	23.5	44.0	43.0	13.0	29.5	24.0	24.0	87.0	25	
300	M14	L30014FMS	23.5	44.0	43.0	15.0	29.5	24.0	24.0	87.0	25	
300	M16	L30016FMS	23.5	44.0	43.0	17.0	29.5	24.0	24.0	87.0	25	
300	M20	L30020FMS	23.5	44.0	43.0	21.0	29.5	24.0	24.0	87.0	25	
400	M12	L40012FMS	27.0	44.0	49.0	13.0	34.0	24.0	24.0	90.0	20	
400	M14	L40014FMS	27.0	44.0	49.0	15.0	34.0	24.0	24.0	90.0	20	
400	M16	L40016FMS	27.0	44.0	49.0	17.0	34.0	24.0	24.0	90.0	20	
400	M20	L40020FMS	27.0	44.0	49.0	21.0	34.0	24.0	24.0	90.0	20	
500	M14	L50014FMS	31.0	68.0	56.0	15.0	38.0	24.0	24.0	120.0	10	
500	M16	L50016FMS	31.0	68.0	56.0	17.0	38.0	24.0	24.0	120.0	10	
500	M20	L50020FMS	31.0	68.0	56.0	21.0	38.0	24.0	24.0	120.0	10	
630	M16	L63016FMS	34.0	68.0	59.0	17.0	40.0	24.0	24.0	120.0	10	
630	M20	L63020FMS	34.0	68.0	59.0	21.0	40.0	24.0	24.0	120.0	10	

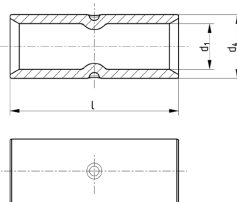
Butt Connectors & Dies - L Series & Technical data



Butt connectors copper 0.75 - 630 mm², L-series, Standard type

- For stranded conductors e.g. BS EN 60228 Class 2
- Annealed material optimizes material and crimping characteristics
- With central cable stop
- Pure E-Cu / Electro tin plated

mm²		mm²		mm²		mm²	
0.75	LV075	10	LV10	70	LV70	240	LV240
1.5	LV15	16	LV16	95	LV95	300	LV300
2.5	LV25	25	LV25	120	LV120	400	LV400
4	LV4	35	LV35	150	LV150	500	LV500
6	LV6	50	LV50	185	LV185	630	LV630



		Dimensions mm				
mm²	Part Number	d1	d4	l	Pack size	
0.75	LV075	1.3	2.8	20.0	100	
1.5	LV15	1.8	3.3	25.0	100	
2.5	LV2.5	2.3	4.2	25.0	100	
4	LV4	3.0	5.0	25.0	100	
6	LV6	4.0	6.0	20.0	100	
10	LV10	4.4	6.0	21.0	100	
16	LV16	5.5	8.0	26.0	100	

		Dimensions mm				
mm²	Part Number	d1	d4	l	Pack size	
25	LV25	6.8	9.0	29.0	100	
35	LV35	8.2	11.0	32.0	100	
50	LV50	9.5	12.0	38.0	100	
70	LV70	11.2	14.5	42.0	100	
95	LV95	13.4	17.0	48.0	50	
120	LV120	15.0	19.5	52.0	50	
150	LV150	16.5	21.0	56.0	50	

		Dimensions mm				
mm²	Part Number	d1	d4	l	Pack size	
185	LV185	19.0	24.0	65.0	25	
240	LV240	21.0	26.0	75.0	25	
300	LV300	23.5	29.5	75.0	25	
400	LV400	27.0	34.0	75.0	20	
500	LV500	31.0	38.0	140.0	10	
630	LV630	34.0	40.0	160.0	5	

Tools	Series	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²	500 mm²	630 mm²
K2		•	•	•													
K05L		•	•	•	•	•	•	•									
K06L		•	•	•	•	•	•	•	•	•							
K09L					•	•	•	•	•	•	•						
EKM60IDL			•	•	•	•	•	•	•	•	•	•	•				
EK354	K4 SERIE	•	•	•	•	•	•	•	•	•	•						
EK505	K5 SERIE	•	•	•	•	•	•	•	•	•	•	•	•				
EKM6022 / EK6022	K22 SERIE	•	•	•	•	•	•	•	•	•	•	•	•	•			
EK12032	K13 SERIE		•	•	•	•	•	•	•	•	•	•	•	•	•		
EK135FT	K15 SERIE		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Dies	Series	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²	500 mm²	630 mm²
	K4 SERIE	HL46	HL410	HL416	HL425	HL435	HL450	HL470	HL495	HL4120	HL4150						
	K5 SERIE	HL5635	HL51050	HL51670	HL52595	HL5635	HL51050	HL51670	HL52595	HL5120	HL5150	HL5185	HL5240				
	K22 SERIE	L226	L2210	L2216	L2225	L2235	L2250	L2270	L2295	L22120	L22150	L22185	L22240	L22300			
	K13 SERIE	HL1310	HL1316	HL1325	HL1335	HL1350	HL1370	HL1395	HL13120	HL13150	HL13185	HL13240	HL13300	HL13400			
	K15 SERIE	HL1310	HL1316	HL1325	HL1335	HL1350	HL1370	HL1395	HL13120	HL13150	HL13185	HL13240	HL13300	HL13400	HL15500	HL15630	

13 series dies (above) used in the EK135FT tool for sizes 10 - 400mm² with adapter UA15T (supplied with EK135FT tools)



Mechanical & Battery Powered Crimping Tools - L Series

Available with Bosch or Makita battery: Part Number appendix for Bosch version CFB - Part Number appendix for Makita version CFM



K2 0.75 - 16 mm²

- Indent crimping
- With ratchet
- Mechanical crimping tools for tubular cable lugs and connectors

K05L 6 - 70 mm²
K06L 6 - 120 mm²
K09L 25 - 150 mm²

- Hexagonal crimping
- Ergonomic 2-component handle



150 mm²

K4
SERIE



EK354CFB 6 - 150 mm²
EK354CFM 6 - 150 mm²

- For crimping dies series 4
- Slim crimping head
- Automatic retraction
- Very-low weight (1.7 kg)
- Crimping force: 35 kN



240 mm²

K5
SERIE



EK505CFB 6 - 240 mm²
EK505CFM 6 - 240 mm²

- For crimping dies series 5
- Intelligent Pressing System „IPS“
- 18 V/2.0 Ah Bosch Li-Ion battery
- LED for workplace illumination
- Crimping force: 50 kN



240 mm²



EKM60IDLCFB 240 mm²
EKM60IDLCFM 240 mm²

- With 2-stage telescopic cylinder
- No dies required
- 18 V/2.0 Ah Bosch Li-Ion battery
- Intelligent Pressing System „IPS“
- Crimping force: 30-60 kN



300 mm²

K22
SERIE



EK6022CFB 6 - 300 mm²
EK6022CFM 6 - 300 mm²

- Integrated pressure measurement with visual and audible signals in case of failure
- Two stage hydraulics
- 18 V/5.0 Bosch Ah Li-Ion battery

- Intelligent Pressing System „IPS“
- Automatic retraction stop (ARS)
- Crimping force: 60 kN
- Compatible with all Series 22 dies



300 mm²

K22
SERIE



EKM6022CFB 6 - 300 mm²
EKM6022CFM 6 - 300 mm²

- For crimping dies series 22
- Intelligent Pressing System „IPS“
- 18 V/2.0 Ah Bosch Li-Ion battery
- LED for workplace illumination
- Crimping force: 60 kN



400 mm²

K13
SERIE



EK12032CFB 16 - 400 mm²
EK12032CFM 16 - 400 mm²

- Integrated pressure measurement with visual and audible signals in case of failure
- C-head with 32 mm opening width
- 18 V/5.0 Ah Bosch Li-Ion battery

- Intelligent Pressing System „IPS“
- Automatic retraction stop (ARS)
- Crimping force: 120 kN
- Compatible with all Series 13 dies, wide crimping



630 mm²

K15
SERIE

EK135FTCFB 10 - 630 mm²
EK135FTCFM 10 - 630 mm²

- Integrated pressure measurement with visual and audible signals in case of failure
- Two stage hydraulics
- 18 V/5.0 Bosch Ah Li-Ion battery

- LED for workplace illumination
- Automatic retraction stop (ARS)
- Crimping force: 135 kN
- Compatible with all Series 15 dies, wide crimping



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