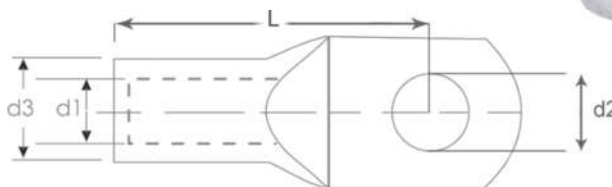


Standard Copper Cable Lugs

Shahin Mafsal standard Copper cable lugs are manufactured from 99.9% TPC (electrical grade) seamless Copper tube, according to DIN 46235 standard.

Thicker than standard Tin coating ensures a better environmental protection, and longer life for Shahin Mafsal standard Copper cable lugs.

Shahin Mafsal (SHM) standard Copper lugs may be used both for direct cable connections, and in low and medium voltage cable terminations, for 10 up to 1000 mm² power cables.



Range / Dimensions of the Product

Section (mm ²)	d2 (Ø)	d1 (mm)	d3(mm)	L (mm)	Qty per Inner Box	Qty per Master Box
10	6	4.5	6	27	500	4000
16	8	5.5	8.5	36	200	1600
25	8	7	10	38	125	1000
35	12	8.2	12.5	42	75	600
50	12	10	14.5	52	50	400
70	12	11.5	16.5	55	35	280
95	12	13.5	19	65	25	200
120	12	15.5	21	70	20	160
150	12	17	23.5	78	14	112
185	12	19	25.5	82	13	104
240	16	21.5	29	92	9	72
300	16	24.5	32	100	25	50
400	20	27.5	38.5	115	15	30
500	20	31	42	125	13	26
630	20	34.5	44	135	10	20
800	20	40	52	165	4	8
1000	20	44	58	165	4	8

❖ The values in the above table have permissible tolerances.

Selection Table:

KC/① / ② H ③

① Surface	② Section	③ Bolt (Ø)	
- Tin-plated	From 10 to 1000 mm²	As Required	
W Non			

Example:

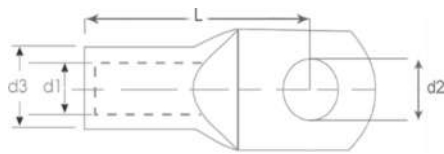
KC/185H12

Tin-plated Standard Copper Cable Lug size 185, hole 12

Light Duty Copper Cable Lugs

In addition to standard (heavy duty) Copper cable lugs, Shahin Mafsal Co. produces 2 types of light duty Copper cable lugs (type L, and type E) for low voltage, and earthing applications.

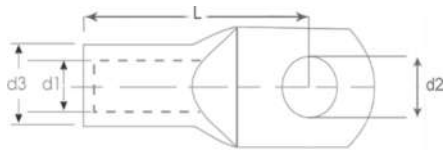
Light duty Copper cable lugs are also manufactured from 99.9% TPC (electrical grade) seamless Copper tubes, with a reasonably thick Tin coating, for 10 up to 300 mm² cables (type L) and for 10 up to 150 mm² cables (type E).



Range / Dimensions of the Product Type E

Section (mm ²)	d2 (Ø)	d1 (mm)	d3(mm)	L (mm)	Qty per Inner Box	Qty per Master Box
E16	8	5.8	7.9	26	400	3200
E25	8	7.15	9.6	32.5	200	1600
E35	10	8.4	10.9	33.5	175	1400
E50	12	10	13	41.5	100	800
E70	12	11.5	14.7	44.5	75	600
E95	12	13.4	16.7	48.5	50	400
E120	12	15.5	19	57	40	320

❖ The values in the above table have permissible tolerances.



Range / Dimensions of the Product Type L

Section (mm ²)	d2 (Ø)	d1 (mm)	d3(mm)	L (mm)	Qty per Inner Box	Qty per Master Box
L150	12	16.5	21	56	30	240
L185	12	19	24	64	25	200
L240	16	21	26	72.5	20	160
L300	16	23.5	29.5	80	12	96

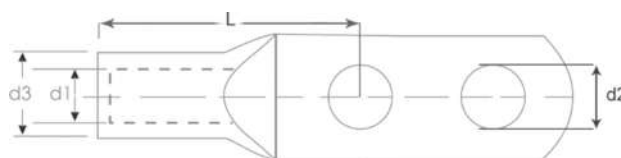
❖ The values in the above table have permissible tolerances.

Selection Table:		KC/① / ②③ H④				
① Surface		② Type		③ Section	④ Bolt (Ø)	
-	Tin-plated	E	Type E	From 16 to 300 mm ²	As Required	
W	Non	L	Type L			
Example:		KC/L120H12		Tin-plated Light Duty Copper Cable Lug Type L size 120, hole 12		

Standard 2-hole Copper Cable Lugs

Shahin Mafsal 2-hole Copper cable lugs are manufactured from 99.9% TPC (electrical grade) seamless Copper tube.

This product is the same as our standard copper cable lug, however, with 2 bolt holes, for special applications.



Range / Dimensions of the Product

Section (mm ²)	d2 (Ø)	d1 (mm)	d3(mm)	L (mm)
16	8	5.5	8.5	36
25	8	7	10	38
35	12	8.2	12.5	42
50	12	10	14.5	52
70	12	11.5	16.5	55
95	12	13.5	19	65
120	12	15.5	21	70
150	12	17	23.5	78
185	12	19	25.5	82
240	16	21.5	29	92
300	16	24.5	32	100
400	16	27.5	38.5	115

❖ The values in the above table have permissible tolerances.

Selection Table:

KC/① /D② H③ /④

① Surface		② Section	③ Bolt (Ø)	④ Hole Spacing	
-	Tin-plated	From 10 to 1000 mm ²	As Required	A	20 mm
				B	40 mm
W	Non			A	45 mm

Example:

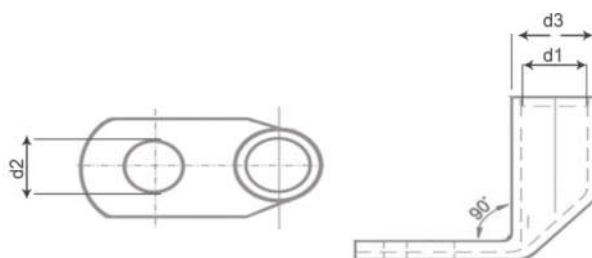
KC/D120H12/A

Tin-plated Two-hole copper cable lug, size 120, 12 holes, 20 mm distance between two holes

90 degrees Copper Cable Lugs

Shahin Mafsal 90 degrees Copper cable lugs are manufactured from 99.9% TPC (electrical grade) seamless Copper tube.

This product is the same as our standard copper cable lug, however, with a right (90 degrees), for special applications.



Range / Dimensions of the Product

Section (mm ²)	d2 (Ø)	d1 (mm)	d3(mm)
25	12	7	10
35	12	8.2	12.5
50	12	10	14.5
70	12	11.5	16.5
95	12	13.5	19
120	12	15.5	21
150	12	17	23.5
185	12	19	25.5
240	16	21.5	29
300	16	24.5	32

❖ The values in the above table have permissible tolerances.

Selection Table:

KC/① /N② H③

① Surface		② Section	③ Bolt (Ø)	
-	Tin-plated	From 25 to 300 mm ²	As Required	
W	Non			

Example: KC/N35H12

Tin-plated 90 degrees copper cable lug, size 120, holes 12