

sofamel

Product Technical Specifications

Mod. T

Copper cable lug



Functionality

Copper cable lug for connections of **low voltage** circuits. They are used in a wide range of sections, both for flexible and rigid copper cables. These terminals must be crimped by **hexagonal compression**.

Product Features

Manufactured from **electrolytic copper** with a tinplated finish to improve electrical contact.

Incorporates a central stop which facilitates the correct cable positioning.

These copper cable lugs are suitable for indoor and outdoor installations if any possible water inlet is sealed by tape or heat shrink, as could be the inspection hole and / or the remaining separation between terminal and cable once crimped.

Operating continuous temperature: 90 °C.

The Sofamel cable lugs are marked with the Sofamel logo and the section and the ØT.

The sections of this product can be from **1.5 to 630 mm²** and the blade drill can have measures of **4, 5, 6, 8, 10, 12, 14 and 16 mm**.



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Raw Material Features

COPPER

Copper type: **99.9% electrolytic copper**.

Specific gravity: **8.95 gr/cm³**.

Conductivity at 20°C: **58.14 Siemens x m/mm²**.

Resistivity at 20°C: **0.0172 Ohms x mm²/m**.

Surface treatment: **tin bath 5μ thick**.

Electrical Features

CLASS A cable lug:

Connectors intended for the distribution of electricity or industrial networks, where they may be subjected to short circuits of relatively high intensity and duration. As a result, they adapt to most applications.

Certified

Short circuit tests, tensile mechanics, and electrical aging performed according to the Standard **IEC 61238-1**.

Comply with Directive **2002/95/EC** of the European Union (**RoHS**).

CE mark.



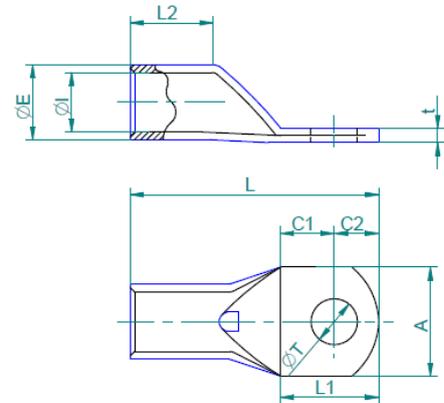
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Dimensions:

SEC.	REF.	ØE	ØI	L	ØT	A	L1	C1	C2	L2	t	
1,5	T-1,5/4	3,3	1,8	18,0	4,3	8,7	9,0	5,0	4,0	7,0	0,55	
	T-1,5/5			18,5	5,3		9,5	4,5	0,65			
	T-1,5/6			20,0	6,4		11	11,0	6,0		5,0	0,4
2,5	T-2,5/4	4,3	2,7	18,0	4,3	8,7	9,0	5,0	4,0	7,0	0,8	
	T-2,5/5			19,0	5,3		10,0	5,5	4,5		0,8	
	T-2,5/6			20,0	6,4		9,0	11,0	6,0		5,0	0,7
	T-2,5/8			24,0	8,3		12,0	15,0	8,0		7,0	0,8
4	T-4/4	5,0	3,3	21,0	4,3	8,7	9,5	5,0	4,5	9,5	1,1	
	T-4/5			21,0	5,3		9,5	5,0	4,5		1,1	
	T-4/6			23,0	6,4		11,0	11,5	6,0		5,5	0,8
	T-4/8			26,5	8,3		14,0	15,0	8,0		7,0	0,7
6	T-6/4	5,5	3,8	23,0	4,3	10,3	11,0	6,0	5,0	9,5	1,0	
	T-6/5			24,0	5,3		11,5	6,0	5,5		1,0	
	T-6/6			24,0	6,4		11,5	6,0	5,5		1,0	
	T-6/8			27,0	8,3		14,0	15,0	8,0		7,0	0,75
10	T-10/5	6,8	4,7	25,5	5,3	11,9	11,5	6,0	5,5	10,0	1,4	
	T-10/6			27,0	6,4		13,0	7,0	6,0		1,4	
	T-10/8			30,0	8,3		15,0	16,0	8,0		8,0	1,0
	T-10/10			34,0	10,5		18,0	20,0	10,5		9,5	0,9
16	T-16/5	7,8	5,6	28,5	5,3	11,9	11,0	6,0	5,0	11,0	1,8	
	T-16/6			28,5	6,4		13,0	7,0	6,0		1,8	
	T-16/8			31,0	8,3		15,0	15,5	8,0		7,5	1,3
	T-16/10			34,5	10,5		18,0	19,0	10,0		9,0	1,1
	T-16/12			38,5	13,0		20,0	23,0	12,0		11,0	1,0
25	T-25/6	9,4	7,1	31,0	6,4	13,5	13,0	7,0	6,0	13,0	2,1	
	T-25/8			34,0	8,3		15,0	16,0	8,5		7,5	1,8
	T-25/10			39,0	10,5		18,0	21,0	11,0		10,0	1,4
	T-25/12			41,0	13,0		21,0	23,0	12,0		11,0	1,25
35	T-35/6	11,3	8,7	34,0	6,4	15,7	13,0	7,0	6,0	16,0	2,4	
	T-35/8			38,0	8,3		17,0	9,0	8,0		2,4	
	T-35/10			42,0	10,5		19,0	21,0	11,0		10,0	1,95
	T-35/12			44,0	13,0		21,0	23,0	12,0		11,0	1,75
	T-35/14			48,0	14,5		21,0	27,0	14,0		13,0	1,75
50	T-50/6	12,6	9,8	41,0	6,4	17,9	15,0	8,0	7,0	19,0	2,5	
	T-50/8			43,0	8,3		17,0	9,0	8,0		2,5	
	T-50/10			47,0	10,5		20,0	21,0	11,0		10,0	2,2
	T-50/12			51,0	13,0		21,0	25,0	13,0		12,0	2,1
	T-50/14			53,0	14,5		25,0	27,0	14,0		13,0	1,8
T-50/16	55,0	16,5	26,0	29,0	15,0	14,0	1,7					
70	T-70/8	14,7	11,5	47,0	8,3	21,5	17,0	9,0	8,0	21,0	3,0	
	T-70/10			51,0	10,5		21,0	11,0	10,0		3,0	
	T-70/12			53,0	13,0		23,0	12,0	11,0		3,0	
	T-70/14			58,0	14,5		25,0	28,0	15,0		13,0	2,2
	T-70/16			59,0	16,5		26,0	29,0	15,0		14,0	2,1
95	T-95/8	16,9	13,5	52,0	8,3	24,7	19,0	10,0	9,0	24,0	3,2	
	T-95/10			55,0	10,5		22,0	11,0	11,0		3,2	
	T-95/12			57,0	13,0		24,0	12,0	12,0		3,2	
	T-95/14			61,0	14,5		28,0	15,0	13,0		3,2	
	T-95/16			64,0	16,5		27,0	31,0	16,0		15,0	2,7
120	T-120/8	19,9	15,6	56,0	8,3	28,9	19,0	10,0	9,0	26,5	4,0	
	T-120/10			58,0	10,5		21,0	11,0	10,0		4,0	
	T-120/12			63,0	13,0		26,0	14,0	12,0		4,0	
	T-120/14			67,0	14,5		30,0	16,0	14,0		4,0	
	T-120/16			71,0	16,5		33,0	17,0	16,0		4,0	
150	T-150/10	20,9	16,5	69,0	10,5	30,4	24,0	13,0	11,0	32,0	4,15	
	T-150/12			75,0	13,0		30,0	16,0	14,0		4,15	
	T-150/14			79,0	14,5		34,0	18,0	16,0		4,15	
	T-150/16			81,0	16,5		34,0	18,0	16,0		4,15	
185	T-185/10	23,7	18,8	74,0	10,5	34,0	24,0	13,0	11,0	34,0	4,6	
	T-185/12			80,0	13,0		30,0	16,0	14,0		4,6	
	T-185/14			84,0	14,5		34,0	18,0	16,0		4,6	
	T-185/16			85,0	16,5		35,0	18,0	17,0		4,6	
240	T-240/10	26,2	21,2	82,0	10,5	38,4	26,0	14,0	12,0	38,0	4,7	
	T-240/12			86,0	13,0		30,0	16,0	14,0		4,7	
	T-240/14			90,0	14,5		34,0	18,0	16,0		4,7	
	T-240/16			91,0	16,5		35,0	18,0	17,0		4,7	

SEC.	REF.	ØE	ØI	L	ØT	A	L1	C1	C2	L2	t
300	T-300/12	28,6	23,4	93,0	13,0	41,7	30,0	16,0	14,0	43,0	4,9
	T-300/14			94,0	14,5		31,0	15,0	4,9		
	T-300/16			100,0	16,5		37,0	19,0	18,0		4,9
400	T-400/12	32,8	26,8	110,0	13,0	47,8	40,0	21,0	19,0	49,0	5,6
	T-400/14			110,0	14,5		40,0	21,0	19,0		5,6
	T-400/16			116,0	16,5		46,0	24,0	22,0		5,6
	T-400/20			116,0	21,0		46,0	24,0	22,0		5,6
500	T-500/12	38,4	29,8	115,0	13	54,8	41,0	22,0	19,0	50,0	8,1
	T-500/16			115,0	16,5		41,0	22,0	19,0		8,1
	T-500/20			120,0	21,0		46,0	24,0	22,0		8,1
630	T-630/14	44,7	34,5	128,0	14,5	64,4	41,0	22,0	19,0	62,0	9,6
	T-630/16			128,0	16,5		41,0	22,0	19,0		9,6
	T-630/20			134,0	21,0		47,0	24,0	23,0		9,6
800	T-800/20	52,0	40,0	145,0	21,0	64,4	47,0	24,0	23,0	68,0	-



Datos sujetos a cambios
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Las especificaciones están sujetas a cambios sin previo aviso.



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