

Copper and low-alloy copper alloys

In our offer you will find pure copper (Cu) as well as high copper alloys. Up to 75 % of copper products are used in the electrical industry, but they are also used in engineering, food and chemical industries. Its big advantage is its high electrical and thermal conductivity. We mostly supply the following products:

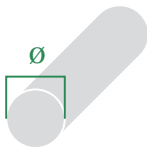
Low-alloy copper alloys

CuCrZr, CuCo2Be, CuCoNiBe, CuBe2, CuTeP, ...

✓ IN STOCK

🕒 ON REQUEST

Round Bar



		Material:								Material:					
Diameter Ø [mm]:	Theor. weight [kg/m]:	CuCrZr/CW106C	CuCo2Be/CW104C	CuCoNiBe/CW103C	CuBe2/CW101C	CuNi2Si/CW111C	CuTeP/CW118C	Diameter Ø [mm]:	Theor. weight [kg/m]:	CuCrZr/CW106C	CuCo2Be/CW104C	CuCoNiBe/CW103C	CuBe2/CW101C	CuNi2Si/CW111C	CuTeP/CW118C
3	0.1						🕒	19	2.50	✓					🕒
5	0.17						🕒	20	2.80	✓	✓		🕒	🕒	🕒
6	0.25	✓					🕒	22	3.40	✓	✓			🕒	🕒
7	0.35	✓						24	4.00	✓					🕒
8	0.45	✓	✓			🕒	🕒	25	4.40	✓	✓		🕒	🕒	🕒
10	0.70	✓	✓		🕒	🕒	🕒	26	4.70	✓				🕒	🕒
12	1.00	✓	✓		🕒	🕒	✓	28	5.50	✓	✓			🕒	🕒
13	1.20	✓					🕒	30	6.30	✓	✓		🕒	✓	✓
14	1.40	✓	✓				🕒	32	7.20	✓				🕒	🕒
15	1.60	✓	✓		🕒	🕒	🕒	33	7.60	✓				🕒	🕒
16	1.80	✓	✓		🕒	🕒	✓	35	8.60	✓	✓		🕒	✓	🕒
18	2.30	✓	✓		🕒	🕒	🕒	36	9.10	✓				✓	

Diameter Ø [mm]:	Theor. weight [kg/m]:	Material:						Diameter Ø [mm]:	Theor. weight [kg/m]:	Material:					
		CuCrZr/CW106C	CuCo28Be/CW104C	CuCoNiBe/CW103C	CuBe2/CW101C	CuNi2Si/CW111C	CuTeP/CW118C			CuCrZr/CW106C	CuCo28Be/CW104C	CuCoNiBe/CW103C	CuBe2/CW101C	CuNi2Si/CW111C	CuTeP/CW118C
38	10.10	✓				⊖		91	58.50		⊖	✓		⊖	
40	11.20	✓	✓		⊖	✓	✓	95	63.10			✓			
42	12.30	✓				⊖	⊖	100	70.00	✓			⊖		⊖
45	14.10	✓	✓			⊖	⊖	102	72.70			✓		⊖	
50	17.50	✓	✓		⊖	⊖	⊖	105	78.00	⊖	⊖				
51	18.90	✓						110	85.30	✓					
52	19.00					⊖		112	90.80		⊖	✓		⊖	
55	21.10	✓	✓				⊖	120	102.00	✓					
56	21.70					⊖		122	104.00			✓		⊖	
57	22.70			✓				130	119.00	✓					
60	25.20	✓	✓		⊖		⊖	132	121.70			✓			
61	25.70					⊖		140	138.00	✓					
62	26.90	⊖						150	159.00	✓					
65	29.50	✓						152	161.50			✓			
66	30.10					⊖		160	179.00	✓					
70	34.20	✓	✓		⊖		⊖	180	229.00	✓		✓			
71	35.30					⊖		200	283.00	✓					
75	41.40	⊖						202	305.20			✓			
80	44.80	✓	✓	✓	⊖			220	343.50	✓					
81	46.00					⊖		250	443.70	⊖					
85	51.00	✓						300	628.80	⊖					
90	57.00	✓													

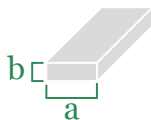


We invoice measured weight.



Unlisted size: on request.

Flat bar



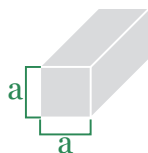
Dimensions <i>a x b</i> [mm]:	<i>Theor. w.</i> [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
15x10	1.30				
20x8	1.40	✓			
20x10	1.80	✓			
20x15	2.70	✓	✓		
20x16	2.80				
25x5	1.10	☹			
25x8	1.80	✓			
25x10	2.20	✓			
25x15	3.30	✓			
25x20	4.50	✓			
30x10	2.70	✓			
30x12	3.25	✓			
30x15	4.00	✓	✓		
30x20	5.30	✓	✓	✓	☹
30x25	6.70	✓	✓		
40x8	2.80	✓			
40x10	3.60	✓			
40x12	4.30	✓			
40x15	5.30	✓	✓		
40x20	7.10	✓	✓		☹
40x25	8.90	✓	✓		
40x30	10.70	✓			
50x10	4.50	✓	✓	✓	
50x12	5.40	✓			
50x15	6.70	✓	✓		
50x20	8.90	✓	✓		
50x25	11.10	✓	☹		
50x30	13.40	✓	✓	✓	
50x40	17.80	✓	✓		☹
60x6	3.20	✓			

Dimensions <i>a x b</i> [mm]:	<i>Theor. w.</i> [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
60x10	5.30	✓			
60x12	6.50	✓			
60x15	8.00	✓	✓		
60x20	10.70	✓	✓		☹
60x25	13.40	✓			
60x30	17.70	✓			
60x40	23.20	✓			
60x50	28.70	☹			
70x15	9.30	✓			
70x20	14.10	✓	✓		
70x25	15.60	☹			
70x30	20.50	✓	✓		
70x40	26.90	✓			
70x50	31.20	✓			
80x10	7.20	✓			
80x15	12.40	✓			
80x20	16.10	✓	✓		
80x25	17.80	✓			
80x30	23.40	✓	✓		
80x40	30.70	✓			
80x50	37.90	✓			
100x10	8.90	✓			
100x15	13.50	✓			
100x20	20.00	✓	✓		
100x30	26.70	✓			
100x35	31.20	✓			
100x40	38.10	✓			
100x50	47.20	✓			
120x40	45.60	✓			
120x50	56.50	✓			

Dimensions $a \times b$ [mm]:	Theor. w. [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
120x60	67.30	✓			
150x30	43.30	✓			
200x20	35.60	✓			
205x25	45.60	✓			

Dimensions $a \times b$ [mm]:	Theor. w. [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
200x50	93.50	✓			
255x25	56.80	✓			
200x100	183.40	✓			
300x20	183.40	✓			

Square bar



Dimensions $a \times a$ [mm]:	Theor. w. [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
10x10	0.89	✓			
12x12	1.30				
13x13	1.50				
15x15	2.00	✓	✓		
16x16	2.30	✓			
18x18	2.90				
20x20	3.60	✓	✓		⊕
22x22	4.30	✓	⊕		
25x25	5.60	✓	✓		⊕
30x30	8.00	✓	✓		⊕
32x32	9.10	✓			
35x35	12.90	✓			
40x40	14.20	✓	✓		⊕

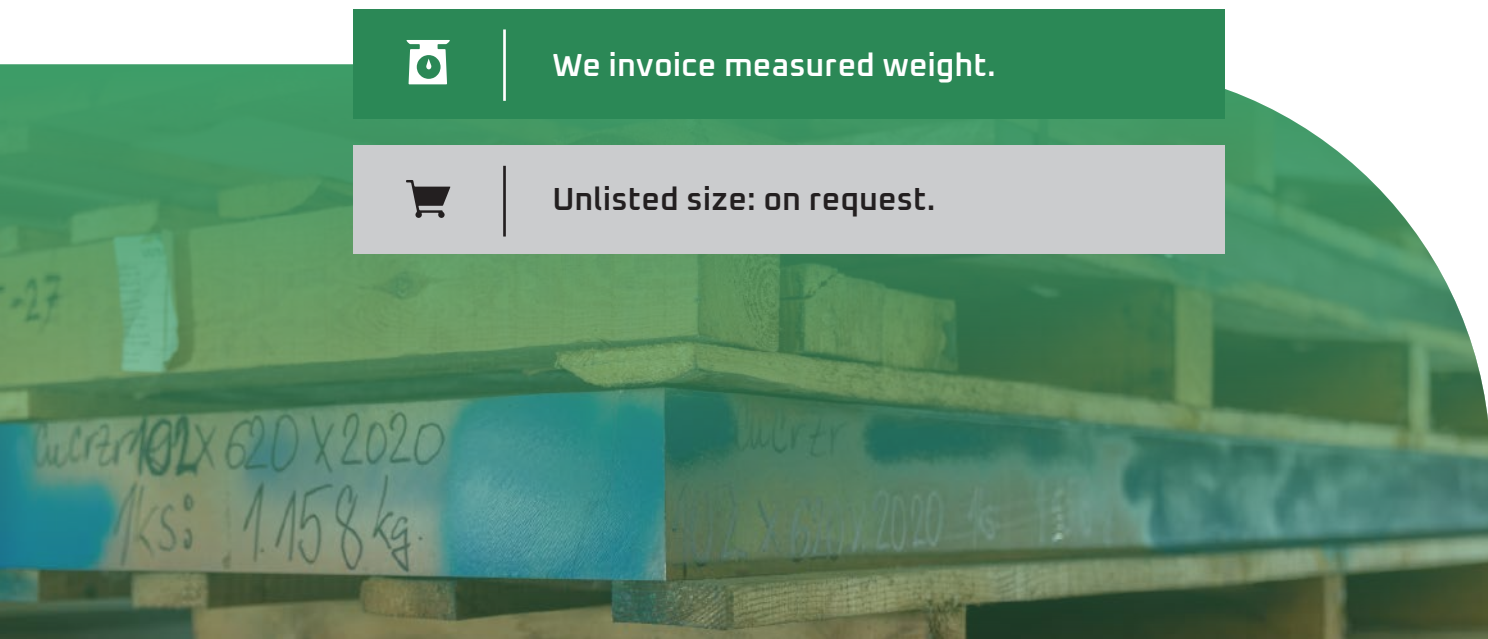
Dimensions $a \times a$ [mm]:	Theor. w. [kg/m]:	Material:			
		CuCrZr /CW106C	CuCo2Be /CW104C	CuCoNiBe /CW103C	CuNi2Si /CW111C
45x45	18.10	✓			
50x50	22.30	✓	✓	✓	⊕
60x60	34.20	✓	⊕	✓	
65x65	40.00				
70x70	46.10	✓		✓	
80x80	59.80	✓	⊕	✓	
90x90	72.10	✓			
100x100	92.60	✓			
105x105	98.30	✓			
120x120	132.50	✓			
150x150	205.60	✓			
200x200	363.20	⊕			



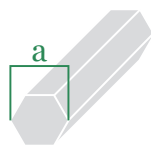
We invoice measured weight.



Unlisted size: on request.



Hexagonal bar



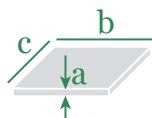
Material:

Dimension a [mm]:	Theor. w. [kg/m]:	CuCrZr	CuCo2Be /CW104C	CuNi2Si /CW111C	CuTeP /CW118C
12	1.15	✓			
14	1.50	✓			
17	2.20	✓		⊖	
19	2.80	✓	X	⊖	
22	3.70	✓	X		⊖
24	4.40	✓	⊖	⊖	⊖

Material:

Dimension a [mm]:	Theor. w. [kg/m]:	CuCrZr	CuCo2Be /CW104C	CuNi2Si /CW111C	CuTeP /CW118C
27	5.60	✓	X	X	
30	6.90	✓			
32	7.80	✓		⊖	⊖
36	9.90	✓		⊖	
41	12.80			⊖	
46	16.10			⊖	

Plate – forged



Dimensions a x b x c [mm]:	Theor. w. [kg/pc]:	CuCoNiBe/CW103C
10x500x800	37.00	✓
15x500x800	55.00	✓
20x500x800	73.00	✓
25x500x800	90.00	✓
30x500x800	108.00	✓
35x500x800	125.00	✓
40x500x800	143.00	✓
50x500x800	178.00	✓
60x500x800	213.00	✓
80x500x800	284.00	✓
100x500x800	354.00	✓

Tolerance:

thickness a: (-0/+2 mm)

width b: (-0/+20 mm)

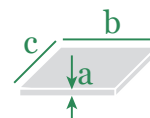
length c: (-0/+50 mm)



WE CUT PLATES, SHEETS

Please send us the required dimensions if interested.

Plate



Dimensions thickness a [mm]:	Theor. w. [kg/m]: 1000x1000 mm	CuCrZr/CW106C
3	27.50	✓
4	36.50	✓
5	44.50	✓
6	54.50	✓
8	73.00	✓
10	89.00	✓
15	134.00	✓
20	178.00	✓
25	223.00	✓
30	267.00	✓
35	311.50	✓
40 (41)	356.00	✓
50 (51)	446.00	✓
55 (56.5)	489.50	✓
60 (61)	535.00	✓
70 (71)	623.00	✓
80 (81)	712.00	✓
90 (91)	802.00	✓
100 (102)	892.00	✓

Standard plate dimensions:

width b: up to 1500 mm

length c: up to 3020 mm

Thickness tolerance:

thickness a 10–100: -0/+0.8 mm



Weights listed in the catalog are theoretical. We invoice the actual (measured) weight.