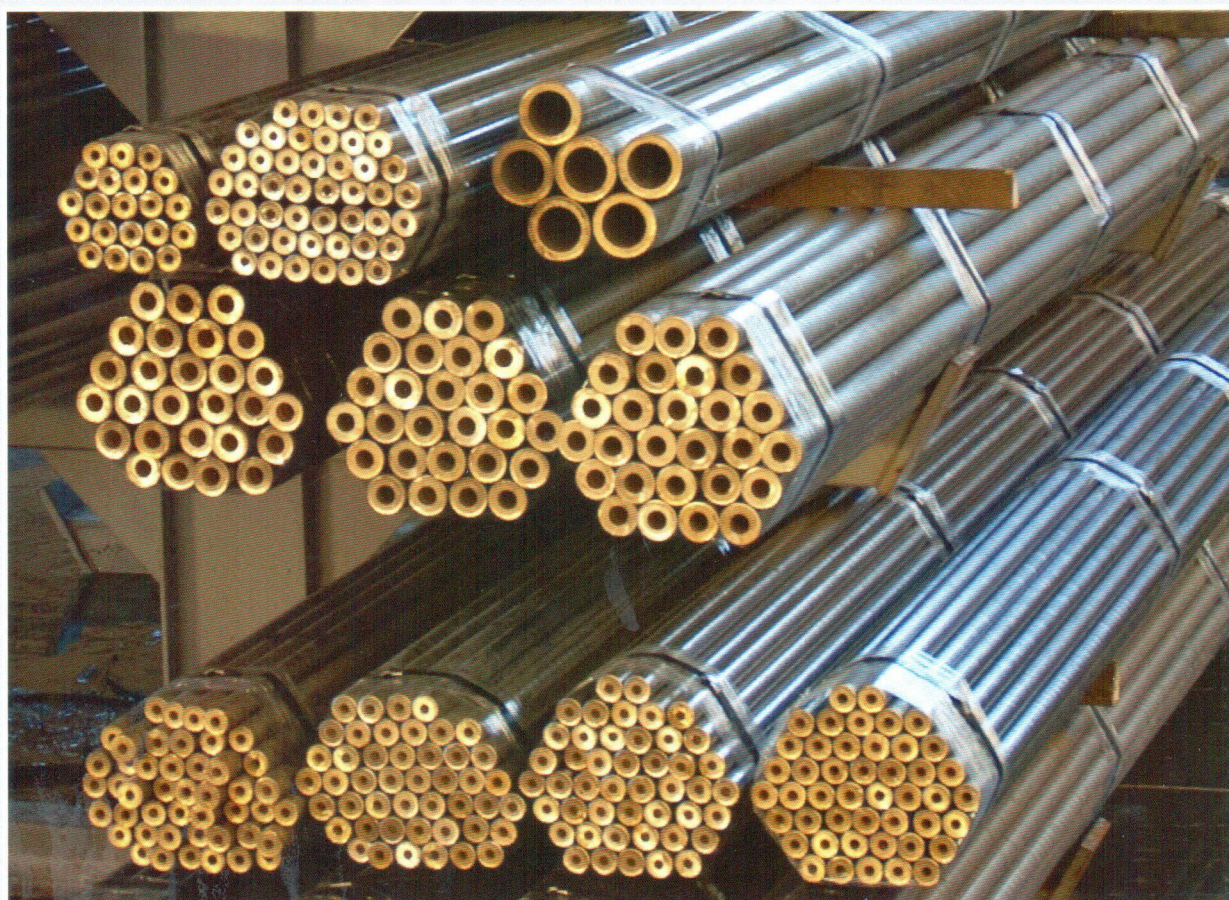




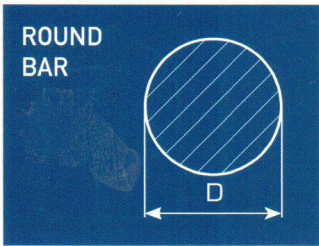
KRĀSAINO METĀLU MANUFAKTŪRA AS



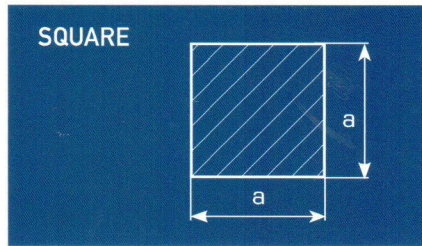
WEIGHT AND SIZE BROCHURE CONTINUOUSLY CAST SHAPED PRODUCTS

TUBES, BARS, FLATS, SQUARES, HEXAGONS, OCTAGONS
OTHER PROFILED HOLLOWES IN KMM COPPER ALLOYS

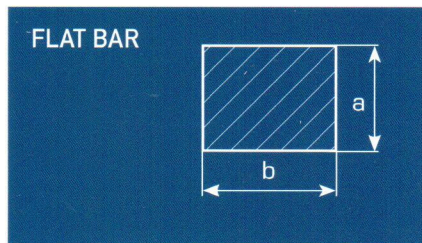
CuSn12-C (CC483K), CuSn7Zn4Pb7-C (CC493K),
CuSn5Zn5Pb2-C (CC499K)



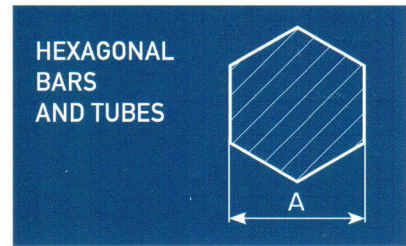
Finished size Ø mm	Delivery sizes Ø mm	Delivery weight kg/m
16	17	2.1
17	18	2.3
18	19	2.6
20	21	3.2
22	23	3.8
23	24	4.1
25	26	4.8
25	26.5	4.9
26	27	5.2
27	28	5.5
28	29	5.95
29	30	6.4
30	31	6.8
32	33	7.7
33	33.5	7.8
33	34	8.15
35	36	9.1
36	37	9.7
37	38	10.2
38	39	10.7
40	41	11.9
45	46	15.0
48	49	17.0
50	51	18.4
55	56	22.1
60	61	26.2
62	63	27.9
63	64	28.8
65	66	30.7
70	71	35.8
75	76	40.6
80	81	46.1
85	86	51.9
90	91	58.1
95	96	64.7
100	101	71.6
100	102	73.3
102	104	75.2
105	106	79.1
105	107	80.6
110	112	88.3
115	117	96.3
120	122	104.8
125	127	113.5
130	132	122.6



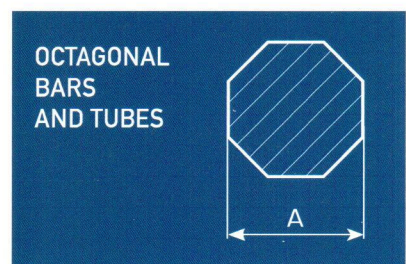
Finished size mm		Delivery sizes mm		Delivery weight kg/m
30	30	32	32	9.4
40	40	42	42	16.1
50	50	52	52	24.5



Finished size mm		Delivery sizes mm		Delivery weight kg/m
a	b	a1	b1	kg/m
15	30	17	32	5.1
15	40	17	42	6.5
20	30	22	32	6.4
20	40	22	42	8.4
20	50	22	52	10.4
25	30	27	32	8.0
25	40	27	42	10.3
25	45	27	47	11.5
25	50	27	52	12.7
30	40	32	42	12.2
30	45	32	47	13.6
30	50	32	52	15.1
35	40	37	42	14.2
35	50	37	52	17.4
40	50	42	52	19.8
45	50	47	52	22.2

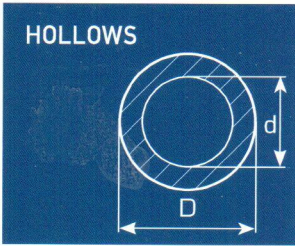


Delivery sizes mm	Delivery weight kg/m
17	2.2
19	2.7
21	3.3
22	3.7
24	4.4
25	4.7
26	5.1
27	5.5
28	5.9
31	7.3
32	7.8
34	8.8
35	9.3
38	11.0
44	14.8
46	16.1
50	19.1
65	32.3



Delivery sizes mm	Delivery weight kg/m
25	4.5
27	5.3
31	7.0
34	8.4
42	12.9
68	33.8

K/M/M



Finished size mm		Delivery sizes mm		Delivery weight
d1	D1	d	D	kg/m
10	20	9	21	2.6
11	22	10	23	3.1
15	24	14	25	3.1
15	25	14	26	3.5
15	26	14	27	3.86
15	30	14	31	5.5
15	32	14	33	6.4
15	35	14	36	7.8
15	36	14	37	8.3
15	40	14	41	10.5
15	45	14	46	13.6
15	50	14	51	17.0
15	54	14	55	19.9
15	55	14	56	20.8
16	22	15	23	2.3
16	27	15	28	4.0
16	30	15	31	5.3
17	28	16	30	4.6
18	24	17	25	2.5
18	26	17	27	3.2
18	27	17	28	3.6
18	29	17	30	4.4
18	34	17	35	6.7
18	35	17	37	7.7
18	39	17	40	9.3
18	44	17	45	12.3
18	49	17	50	15.6
20	28	19	29	3.5
20	30	19	31	4.4
20	32	19	33	5.3
20	35	19	36	6.7
20	39	19	39.5	8.6
20	40	19	41	9.4
20	45	19	46	12.5
20	50	19	51	15.8
20	55	19	56	19.6
20	60	19	61	23.7
20	65	19	66	28.1
20	70	19	71	32.9
20	75	19	76	38.1
24	32	23	33	4.1
24	38	23	39	7.1
24	42	23	43	9.4
24	44	23	45	10.7
24	46	23	47	11.9
24	49	23	50	14.0
24	70	23	71	31.8
25	35	24	36	5.2
25	40	24	41	7.9

Finished size mm		Delivery sizes mm		Delivery weight
d1	D1	d	D	kg/m
25	45	24	46	11
25	50	24	51	14.4
25	55	24	56	18.1
25	56	24	57	18.9
25	60	24	61	22.2
25	65	24	66	26.6
25	75	24	76	36.6
27	34	26	35	3.95
27	37	26	38	5.6
27	38	26	39	6.1
27	39	26	40	6.7
27	44	26	45	9.6
27	46	26	47	10.9
28	38	27	39	5.8
28	42	27	43	8.1
28	62	27	63	22.9
29	38	28	39	5.4
29	50	28	51	12.9
30	40	29	41	6.1
30	44	29	45	8.5
30	45	29	46	9.1
30	45	28	46	9.5
30	48	29	49	11.1
30	50	29	51	12.5
30	52	29	53	14.0
30	55	29	56	16.4
30	60	29	61	20.4
30	64	29	65	23.9
30	65	29	66	24.8
30	70	28	71	30.0
30	70	29	71	29.6
30	75	28	76	35.1
30	80	28	81	40.6
30	80	29	81	40.3
30	85	28	86	46.5
30	86	28	87	47.8
30	90	28	91	52.6
30	90	29	91	52.4
30	91	28	92	54.1
30	96	28	97	60.7
30	100	28	102	67.9
30	110	28	112	82.9
31	49	30	50	11.5
34	46	33	47	8.2
34	53	33	54	13.1
34	68	32	70	27.4
35	55	34	56	14.2
35	60	34	61	18.2
35	65	34	66	22.7
35	70	33	71	28
35	75	33	76	33.2
35	80	33	81	38.6
35	81	33	82	39.8
39	56	38	57	13.0
39	60	38	61	16.1
39	64	38	65	19.8

Finished size mm		Delivery sizes mm		Delivery weight
d1	D1	d	D	kg/m
39	98	38	99	58.9
40	55	39	56	11.7
40	60	39	61	15.8
40	65	39	66	20.2
40	69	39	70	24.0
40	70	38	71	25.6
40	70	39	71	25
40	75	38	76	30.6
40	75	39	76	30.2
40	76	38	77	31.8
40	77	39	78	32.2
40	80	38	81	36.1
40	80	39	81	35.6
40	81	38	82	37.3
40	85	38	86	42
40	86	38	87	43.2
40	90	38	91	48.2
40	90	39	91	47.7
40	91	38	92	49.5
40	96	38	97	56.1
40	100	38	102	63.2
40	110	38	112	78.2
44	75	43	76	27.8
44	87	43	88	41.7
45	65	44	66	17.5
45	66	44	67	18.3
45	70	44	71	22.1
45	70	43	71	22.7
45	80	43	81	33.3
45	81	43	82	34.5
45	85	43	86	39.2
45	86	43	87	40.4
45	91	43	92	46.7
45	96	43	97	53.3
45	100	43	102	60.4
45	105	43	107	67.7
45	120	43	122	91.9
50	67	49	68	15.9
50	86	49	87	36.6
50	90	49	91	41.6
50	70	48	71	19.5
50	75	48	76	24.7
50	76	48	77	25.7
50	80	48	81	30.2
50	81	48	82	31.3
50	85	48	86	36
50	86	48	87	37.2
50	90	48	91	42.2
50	91	48	92	43.5
50	95	48	96	48.8
50	96	48	97	50.1
50	100	48	102	57.2
50	110	48	112	72.2
50	120	48	122	88.8
50	130	48	132	106.5
54	85	52	86	33.2

Finished size mm		Delivery sizes mm		Delivery weight
d1	D1	d	D	kg/m
54	96	52	97	47.4
54	97	52	98	48.6
55	80	53	81	26.7
55	81	53	82	27.8
55	85	53	86	32.5
55	100	53	102	53.8
55	86	53	87	33.7
55	105	53	107	61.1
55	115	53	117	76.7
59	85	57	86	29.5
60	80	58	81	22.8
60	81	58	82	23.9
60	85	58	86	28.7
60	86	58	87	29.9
60	90	58	91	34.8
60	91	58	92	36.2
60	95	58	96	41.4
60	96	58	97	42.7
60	100	58	102	50.1
60	110	58	112	65.1
60	120	58	122	81.4
60	130	58	132	99.2
65	85	63	86	24.4
65	86	63	87	25.7
65	90	63	91	30.6
65	91	63	92	31.9
65	95	63	96	37.2
65	96	63	97	38.5
65	105	63	107	53
65	115	63	117	68.9
65	125	63	127	85.9
70	90	68	91	26.1
70	91	68	92	27.4
70	95	68	96	32.6
70	96	68	97	34.1
70	100	68	102	41.1
70	110	68	112	56.1
70	120	68	122	72.6
70	130	68	132	90.4
75	95	73	96	27.7
75	96	73	97	29.1
75	100	73	102	36.2
75	105	73	107	43.8
75	110	73	112	51.2
75	115	73	117	59.5
75	120	73	122	67.7
75	125	73	127	76.5
80	100	78	102	31.4
80	105	78	107	38.8
80	110	78	112	46.4
80	120	78	122	62.8
80	125	78	127	71.5
80	130	78	132	80.6
85	125	83	127	65.9
90	115	88	117	42.9
90	120	88	122	50.9
90	130	88	132	69.1

We cast our products using the method vertically downward continuous casting tubes and bars of different outer forms and inner profiles in tin bronze, leaded bronze, red brasses, gunbronze, and other special copper tin alloys up to 132mm with optimal delivery length 3100-4000mm, shorter or longer length is possible.

All measurements and weights are not binding and subject to prior sale.

Forms and profiles we cast are extended by other shapes as outer ribbed profile, inner polygon hollows, hexagonal tubes, octagons and other inner and outer profile hollows, subject to prior agreement with the Customer.

Alteration in sizes and profiles, outer and inner diameters including desired tolerances are possible, upon prior agreement on reasonable terms.

All products are strictly supervised for quality determining chemical composition using optical emission spectral analyzer, check of tolerances, surface, straightness. Our laboratory checks Brinell hardness, tensile strength, ultimate tensile strength.

We are certified and continuously audited according to ISO 9001:2008.

As far copper tin, copper tin lead alloys have a very small density alterations therefore provided in this brochure weight indication per 1 meter is optimal for calculation for all alloys listed below, cast by Krasaino Metalu Manufaktura AS

CuSn12-C (CC483K)
CuSn12Ni2-C (CC484K)
CuSn10-C (CC480K)
CuSn10P (B1010)
CuSn7Zn4Pb7-C (CC493K)
CuSn5Zn5Pb5-C (CC491K)
CuSn5Zn5Pb2-C (CC499K)
LOW-LEAD BRONZE ALLOYS
(FOR DRINKING WATER)

All information containing in this brochure bears informative character and printed without commitments, guarantee or warranty.

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Krasaino Metalu Manufaktura

CONTINUOUS CASTING



CONTINUOUS CASTING EXPERTS

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