



ANCHOR BRONZE & METALS, INC. - ASTM B505

C95400 Aluminum Bronze Bronze Size List

Tubes x 144" Standard Lengths (cut to length available)

NOMINAL I.D. X O.D.	WT/ PER INCH	WT/ PER 144" BAR	NOMINAL I.D. X O.D.	WT/ PER 144" INCH	WT/ PER 144" BAR	NOMINAL I.D. X O.D.	WT/ PER INCH	WT/ PER 144" BAR
3/4 X 1-1/4	0.27	39	1-3/4 X 2-1/4	0.55	79	2-3/4 X 3-1/4	0.88	127
1-1/2	0.42	61	2-1/2	0.81	116	3-1/2	1.25	180
1-3/4	0.60	87	2-3/4	1.09	157	3-3/4	1.64	236
2	0.81	117	3	1.40	202	4	2.06	297
7/8 X 1-1/4	0.20	29	3-1/4	1.79	258	4-1/4	2.51	361
1 X 1-3/8	0.26	38	3-1/2	2.15	310	4-1/2	2.98	429
1-1/2	0.34	49	3-3/4	2.55	367	3 X 3-1/2	0.96	143
1-3/4	0.52	75	4	2.97	427	3-3/4	1.35	199
2	0.73	105	2 X 2-3/8	0.49	70	4	1.77	260
2-1/4	0.96	138	2-1/2	0.62	89	4-1/4	2.22	327
2-1/2	1.22	175	2-3/4	0.90	130	4-1/2	2.69	397
2-3/4	1.44	208	3	1.21	174	5	3.78	534
3	1.81	270	3-1/4	1.60	231	5-1/2	5.12	737
4	3.38	486	3-1/2	1.97	283	6	6.37	917
1-1/4 X 1-3/4	0.41	59	3-3/4	2.36	340	7	9.19	1323
2	0.62	89	4	2.78	400	3-1/4 X 3-3/4	1.03	148
2-1/4	0.65	122	4-1/2	3.69	532	4	1.45	211
2-1/2	1.10	159	5	4.72	679	4-1/4	1.90	281
2-3/4	1.39	200	6	7.35	1058	4-1/2	2.37	349
3	1.70	245	2-1/4 X 2-5/8	0.53	76	5	3.39	495
3-1/2	2.42	348	2-3/4	0.69	99	3-1/2 X 4	1.10	159
1-1/2 X 1-7/8	0.38	54	3	0.99	143	4-1/4	1.55	223
2	0.48	69	3-1/4	1.39	200	4-1/2	2.02	291
2-1/4	0.71	102	3-1/2	1.76	253	5	3.04	438
2-1/2	0.97	140	3-3/4	2.15	309	5-1/2	4.47	644
2-3/4	1.26	181	4	2.57	370	6	5.72	824
3	1.56	225	2-1/2 X 3	0.76	109	4 X 4-1/2	1.25	180
3-1/2	2.31	333	3-1/4	1.15	165	4-3/4	1.75	252
3-3/4	2.58	371	3-1/2	1.51	218	5	2.28	328
4	3.13	450	3-3/4	1.91	275	5-1/2	3.72	535
4-1/2	4.01	577	4	2.33	335	6	4.97	715
			4-1/2	3.24	467	7	7.79	1121
			4-3/4	3.85	555	8	10.85	1562
			5	4.26	614			
			6	6.91	995			

www.anchorbronze.com e-mail: metals@anchorbronze.com



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Tubes & Solid Rounds x 144" Standard Lengths

NOMINAL I.D. X O.D.	WT/ PER INCH	WT/ PER 144" BAR
4-1/2 X 5	1.40	202
5-1/4	2.28	328
5-1/2	2.86	412
6	4.11	592
6-1/2	5.47	787
5 X 5-3/4	2.51	361
6	3.15	453
7	5.97	859
8	8.96	1290
9	12.56	1809

NOMINAL I.D. X O.D.	WT/ PER INCH	WT/ PER 144" BAR
5-1/2 X 6-1/2	3.43	494
6 X 7	3.72	536
8	6.65	958
9	10.29	1482
6-1/2 X 7-1/2	3.60	518
6-3/4 X 7-3/4	3.72	536

NOMINAL I.D. X O.D.	WT/ PER INCH	WT/ PER 144" BAR
7 X 8	3.85	561
9	7.80	1095
10	12.21	1758
7-1/2 X 8-1/2	4.22	608
10	10.56	1521
11	15.06	2169
8 X 9	4.49	646
10	9.09	1309

Solid Rounds

NOMINAL SOLID DIA.	WT/ PER INCH	WT/ PER 144" BAR
1/2	0.07	10
3/4	0.14	20
1	0.24	35
1-1/4	0.37	53
1-1/2	0.52	75
1-5/8	0.60	87
1-3/4	0.70	101
2	0.90	133
2-1/4	1.14	164
2-1/2	1.40	207

NOMINAL SOLID DIA.	WT/ PER INCH	WT/ PER 144" BAR
2-3/4	1.68	242
3	1.99	294
3-1/4	2.36	340
3-1/2	2.72	401
3-3/4	3.12	456
4	3.54	514
4-1/4	3.98	586
4-1/2	4.45	658
4-3/4	4.95	713
5	5.47	803

NOMINAL SOLID DIA.	WT/ PER INCH	WT/ PER 144" BAR
5-1/2	6.79	978
6	8.04	1158
6-1/2	9.40	1353
7	10.85	1563
8	13.89	2003
9	17.72	2552
10	21.79	3137
11	26.69	3843
12	34.00	4896



We will cut bars to any length
Many other sizes Available

Finishing allowance remains to finish to the published sizes:

Tube & Solid Round Bar Stock Allowance

Inside Diameter Outside Diameter

Up to 3" inclusive	-0.125"	+ 0.063"
Over 3" to 4" incl.	-0.125"	+ 0.094"
Over 4" to 5-1/2" incl.	-0.188"	+ 0.125"
Over 5-1/2"	-0.250"	+ 0.188"

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ANCHOR BRONZE & METALS, INC. - ASTM B505

C95400 Aluminum Bronze Bronze Size List

Rectangles x 144" Standard Lengths (cut to length available)

RECTANGLES THK. X WIDTH	WT/ PER INCH	WT/ PER 144" BAR	RECTANGLES THK. X WIDTH	WT/ PER INCH	WT/ PER 144" BAR	RECTANGLES THK. X WIDTH	WT/ PER INCH	WT/ PER 144" BAR
1/4 X 1	0.09	13	5/8 X 1	0.20	29	1-1/4 X 1-1/4	0.47	68
1-1/4	0.11	16	1-1/2	0.29	42	1-1/2	0.56	80
1-1/2	0.13	19	2	0.39	56	1-3/4	0.65	93
2	0.18	26	2-1/2	0.48	69	2	0.74	106
2-1/2	0.22	32	3	0.58	83	2-1/2	0.91	131
2-3/4	0.24	35	4	0.78	110	3	1.09	157
3	0.26	38	5	0.95	137	3-1/2	1.27	183
3-1/2	0.31	44	6	1.22	176	4	1.44	208
4	0.35	51	3/4 X 3/4	0.18	26	5	1.80	259
5	0.47	67	1	0.24	34	6	2.14	308
3/8 X 1	0.13	18	1-1/2	0.35	50	10	3.97	571
1-1/2	0.19	27	2	0.46	66	1-1/2 X 1-1/2	0.67	96
2	0.25	36	2-1/2	0.57	82	1-3/4	0.77	111
2-1/2	0.31	44	3	0.68	98	2	0.88	126
3	0.39	53	3-1/2	0.79	113	2-1/2	1.08	158
3-1/2	0.43	62	4	0.90	129	3	1.30	187
4	0.47	70	5	1.12	161	3-1/2	1.51	217
5	0.61	88	6	1.42	205	4	1.72	248
6	0.81	116	1 X 1	0.31	44	5	2.14	308
1/2 X 1/2	0.09	13	1-1/4	0.38	55	6	2.66	383
1	0.17	24	1-1/2	0.45	65	1-3/4 X 2	1.01	146
1-1/4	0.20	29	1-3/4	0.52	75	2-1/2	1.26	181
1-1/2	0.24	35	2	0.60	86	3	1.51	217
1-3/4	0.28	40	2-1/2	0.74	107	4	1.99	287
2	0.32	46	3	0.88	127	5	2.49	358
2-1/2	0.40	57	3-1/2	1.03	148	6	3.08	443
3	0.47	68	4	1.17	169	2 X 2	1.15	166
3-1/2	0.55	79	5	1.46	210	2-1/2	1.43	206
4	0.63	90	6	1.84	265	3	1.71	246
5	0.78	112	7	2.14	308	3-1/2	1.98	285
6	1.01	146	8	2.44	361	4	2.26	326
8	1.35	194	12	3.94	568	5	2.81	405
10	1.85	267				6	3.37	485
						10	6.08	873

Finishing allowance remains to finish to the published sizes:

Rectangle & Square Bar Stock Allowance

Up to 3" inclusive	+ 0.063"
Over 3" to 4" incl.	+ 0.063"
Over 4" to 5-1/2" incl.	+ 0.063"
Over 5-1/2"	+ 0.063"

Tolerance on cast size: +/- .040