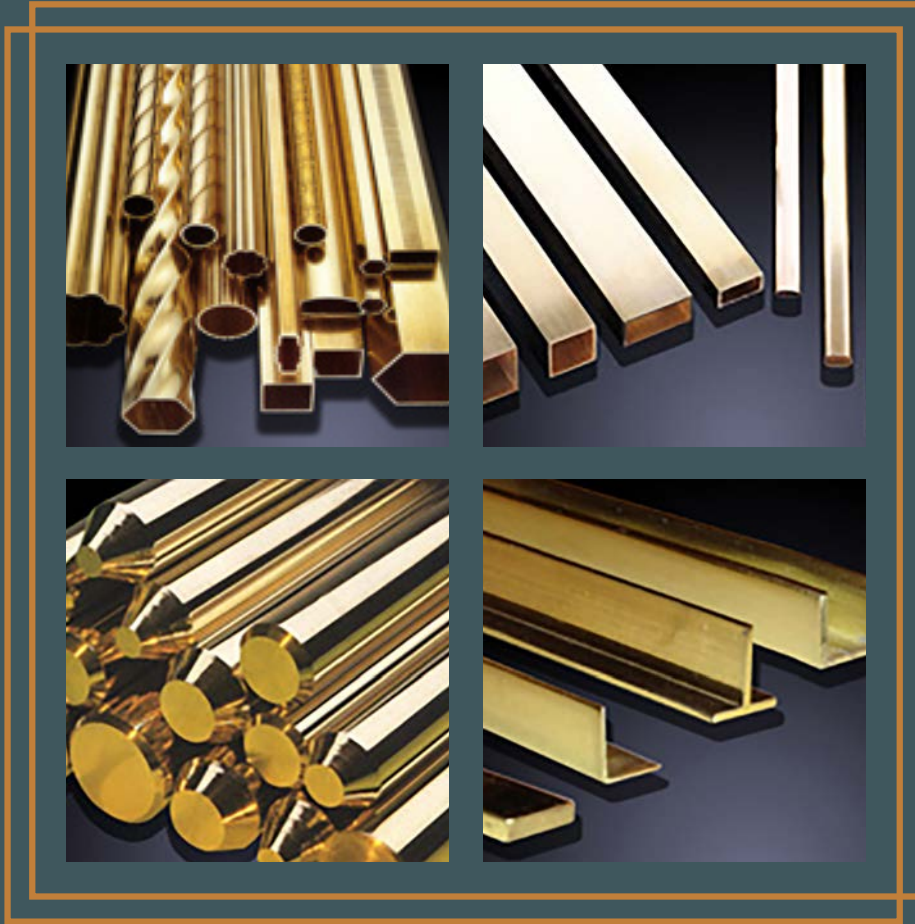


STOCK LIST

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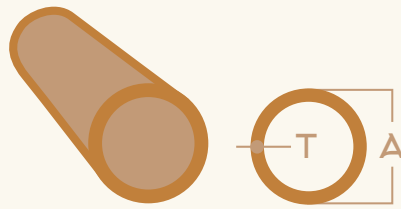


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BRASS TUBING



ASTM B-135

ROUND BRASS TUBING

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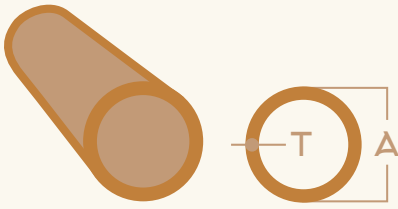
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O.D. INCHES A = SIZE	APPROXIMATE WEIGHT PER FOOT						
	T = WALL THICKNESS						
	.014	.020	.025	.028	.032	.035	.040
1/8	.018	.024	.029	.031	.034	.036	
5/32	.023			.041	.046		
3/16	.028	.039	.047	.052	.058	.062	.068
1/4	.038	.053	.066	.072	.081	.087	.097
5/16	.048	.068	.083	.092	.104	.112	.126
3/8	.058	.082	.101	.112	.127	.138	.155
7/16	.069	.097	.119	.132	.150	.162	.184
1/2	.079	.111	.138	.153	.173	.188	.213
9/16		.125			.196	.213	.242
5/8	.099	.140	.174	.193	.220	.239	.271
11/16		.155		.214	.243		
3/4	.119	.169	.210	.234	.266	.290	.329
13/16		.183	.229	.254	.289		
7/8		.198	.246	.274	.312	.340	.386
15/16		.212	.263		.335		
1	.160	.227	.282	.315	.359	.391	.444
1-1/16			.300		.381	.416	
1-1/8		.256	.318		.404	.442	.502
1-3/16			.336		.428		
1-1/4		.285	.354	.396	.451	.492	.560
1-5/16					.473		
1-3/8		.314	.390		.497	.543	.618
1-1/2		.342	.427		.544	.594	.676
1-9/16					.567		
1-5/8			.463		.590		
1-3/4			.499		.636	.694	.791
1-7/8					.682		
2			.571	.638	.729	.796	.907

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ROUND BRASS TUBING

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O.D. INCHES A = SIZE	APPROXIMATE WEIGHT PER FOOT						
	T = WALL THICKNESS						
	.050	.062	.065	.080	.091	.125	.250
1/8							
5/32							
3/16	.079						
1/4	.116	.135	.139				
5/16	.152	.179	.186		.233		
3/8	.188	.225	.233	.276	.299	.362	
7/16	.224	.269	.280	.337			
1/2	.260	.314	.327	.393	.431	.543	
9/16	.296					.632	
5/8	.333	.404	.421	.510	.562	.723	
11/16		.448	.468			.813	
3/4	.405	.494	.515	.627	.694	.904*	
13/16		.538	.562	.685			
7/8	.477	.583	.609	.744	.826	1.09	
15/16		.628	.656			1.18	
1	.550	.673	.703		.957	1.27*	
1-1/16		.717	.750			1.36	
1-1/8	.622	.763	.797		1.09	1.45	
1-3/16						1.57	
1-1/4	.694	.853	.891	1.10		1.63*	
1-5/16			.938				
1-3/8	.767	.942	.985			1.81	
1-1/2	.839	1.03	1.08			1.99*	3.62*
1-9/16			1.13				
1-5/8	.911	1.13	1.17			2.17	3.98
1-3/4	.983	1.21	1.26			2.35	4.39
1-7/8		1.31	1.36			2.53	
2	1.13	1.39	1.46			2.71*	5.06*

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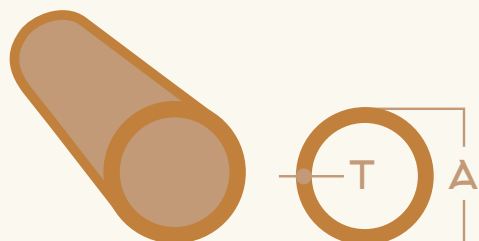
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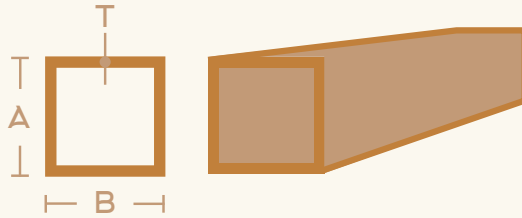
ASTM B-135

ROUND BRASS TUBING

O.D. INCHES A = SIZE	APPROXIMATE WEIGHT PER FOOT						
	T = WALL THICKNESS						
	.032	.040	.050	.065	.125	.187	.250
2-1/8			1.20	1.55			
2-1/4	.821	1.03	1.27	1.65	3.07		5.79
2-3/8				1.74			
2-1/2	.914	1.14	1.42	1.83	3.44*		6.51*
2-3/4				2.02	3.80		
2-7/8				2.12			
3	1.10	1.37	1.71	2.21	4.16*		7.96*
3-1/4				2.40	4.52		
3-1/2	1.28			2.59	4.88		9.41
3-5/8			2.03				
3-3/4				2.77	5.25		
4				2.96	5.61		10.85
4-1/4				3.15	5.97		
4-1/2				3.34	6.33		12.30
4-3/4					6.69		
5					7.05		13.74
5-1/8				3.81			
5-1/4					7.41		
5-1/2					7.77		15.19
6					8.50		
6-1/8				4.56			
6-1/4					8.86		
7					9.95		19.53
7-1/4					10.31		20.25
7-1/2					10.67	15.83	20.98
8					11.39		
8-1/4					11.75		
9-5/8						20.42	
10-1/4						21.78	
10-3/8						22.05	

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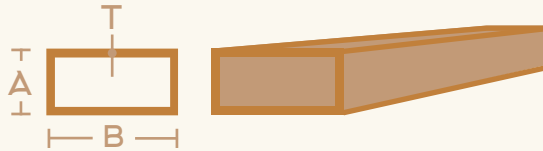


ASTM B-135

SQUARE BRASS TUBING

SIZE - INCHES A X B	APPROXIMATE WEIGHT PER FOOT						
	T = WALL THICKNESS						
	.025	.032	.040	.050	.062	.093	.125
1/4 x 1/4			.129				
3/8 x 3/8	.131	.165	.202	.248	.298		
1/2 x 1/2	.177	.224	.276	.340	.413	.586*	
5/8 x 5/8		.283	.350	.432	.527	.756*	
3/4 x 3/4	.270	.342	.424	.524	.642	.929*	
7/8 x 7/8		.414	.514	.636			
1 x 1	.362	.460	.572	.709	.870		1.36*
1-1/4 x 1-1/4		.577	.717	.890	1.10		1.73*
1-1/2 x 1-1/2			.866	1.08	1.33		2.09*
1-3/4 x 1-3/4			1.02				2.46*
2 x 2				1.45	1.79		2.84*
2-1/2 x 2-1/2					2.36		4.43*
3 x 3					2.83		5.35*

*ALSO STOCKED IN A385



ASTM B-135

RECTANGULAR BRASS TUBING

SIZE - INCHES A X B	APPROXIMATE WEIGHT PER FOOT					
	T = WALL THICKNESS					
	.040	.050	.062	.083	.100	.125
3/8 x 3/4	.313					
3/8 x 1	.387					
1/2 x 1		.524	.641		.989*	
1/2 x 1-1/4		.619				
1/2 x 1-1/2		.706	.867		1.35*	
1/2 x 2		.890	1.10		1.72*	
5/8 x 1-1/4		.660				
3/4 x 1		.619				
3/4 x 1-1/2		.790	.981		1.54*	
3/4 x 2		.990	1.22		1.92*	
1 x 1-1/2			1.09		1.73*	
1 x 2	.866	1.08	1.33		2.09*	2.58*
1 x 3						3.51*
1-1/4 x 2					2.29*	
1-1/2 x 2			1.56			3.05*
1-1/2 x 3			2.02			3.97*
1-1/2 x 4						4.88*
1-3/4 x 3						4.20*
1-3/4 x 4						5.13*
2 x 3						4.42*
2 x 4						5.35*

*ALSO STOCKED IN A385 / A280



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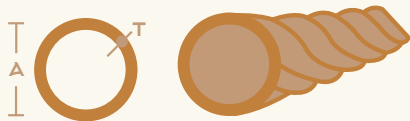
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ASTM B-135

ROUND ROPED TUBING

O.D. INCHES SIZE = A	APPROXIMATE WEIGHT PER FOOT					
	T = WALL THICKNESS					
	.020	.022	.025	.028	.032	.040
3/8	.082					.162
1/2	.116	.128	.146			.232
5/8	.145	.156	.182		.231	
3/4		.199	.231		.279	
7/8		.236	.258		.327	
1	.229	.254	.310	.322	.376	
1-1/8	.325			.355		
1-1/4			.396		.473	
1-1/2			.448		.571	
2					.765	.952



ASTM B-135

ROUND REEDED TUBING

O.D. INCHES SIZE = A	APPROXIMATE WEIGHT PER FOOT					
	T = WALL THICKNESS					
	.020	.022	.025	.028	.032	.040
3/8	.082					.162
1/2	.116	.128	.146			.232
5/8	.145	.156	.182			
3/4	.177	.199	.231		.279	
7/8	.207	.236	.258			
1	.229	.254	.310		.376	.487
1-1/8	.325			.355		
1-1/4			.396			.634
1-1/2			.448		.571	.717
2			.599		.765	.952

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UPON REQUEST.



ROUND EMBOSSED

O.D. INCHES SIZE = A	WT./FOOT T = .040
3/8*	.160
1/2	.221
5/8*	.281
3/4	.342
1	.464
1-1/4	.560

*TOOLING AVAILABLE



HALF ROUND

SIZE - INCHES A x B	WT. PER FOOT T = WALL THICKNESS	
	.040	.050
1/2 x 1	.380	
3/4 x 1-1/2		.667
1 x 2		.910
1-1/2 x 3*		1.29
2 x 4*		2.02

*TOOLING AVAILABLE



QUARTER ROUND

SIZE - INCHES A x B	WEIGHT PER FOOT T = WALL THICKNESS		
	.032	.040	.050
5/8 x 5/8	.238	.283	
1 x 1	.390	.488	
1-1/2 x 1-1/2*		.750	.940
2 x 2*			1.24
3 x 3*			2.35

*TOOLING AVAILABLE



TWISTED HEXAGONAL

SIZE INCHES A	WEIGHT PER FOOT T = WALL THICKNESS		
	.020	.032	.040
3/8*			.176
1/2*	.122		
5/8*	.154		
3/4			
1		.395	
1-1/8			
1-1/4		.499	
1-1/2			.750
2			1.15

*TOOLING AVAILABLE



HEXAGONAL

SIZE INCHES A	WEIGHT PER FOOT T = WALL THICKNESS		
	.020	.032	.040
3/8*	.090		.176
1/2*	.122		.243
5/8*	.154		.309
3/4*	.186		.376
1	.250		.510
1-1/8*	.282		.520
1-1/4		.499	.616
1-1/2			.750
2			1.15

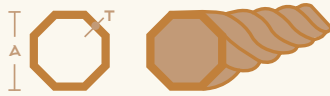
*TOOLING AVAILABLE



HEXAGONAL EMBOSSED

SIZE - INCHES A	WT./FOOT T = .040
3/8*	.176
1/2*	.243
5/8*	.309
3/4*	.376
1	.510
1-1/8*	.520
1-1/4*	.616
1-1/2*	.750
2*	1.15

*TOOLING AVAILABLE



TWISTED OCTAGONAL

SIZE INCHES A	WEIGHT PER FOOT T = WALL THICKNESS			
	.020	.032	.040	.045
3/8*	.087		1.70	
1/2*	.118		.234	
5/8*				
3/4*	.179		.362	
1*	.241	.380	.491	
1-1/4*		.478	.594	
1-1/2*			.717	
2				1.08

*TOOLING AVAILABLE



OCTAGONAL

SIZE INCHES A	WEIGHT PER FOOT T = WALL THICKNESS		
	.020	.032	.040
3/8*	.087		.170
1/2*	.118		.234
5/8*	.148		.298
3/4*	.179		.362
1	.241	.380	.491
1-1/4*	.320		.594
1-1/2	.364		.717
2			1.08*

*TOOLING AVAILABLE



SQUARE EMBOSSED

SIZE - INCHES A x B	WT./FOOT T = .040
3/8 x 3/8*	.200
1/2 x 1/2*	.280
5/8 x 5/8*	.350
3/4 x 3/4	.420
1 x 1	.570
1-1/4 x 1-1/4*	.740
1-1/2 x 1-1/2*	.872
2 x 2*	1.20

*TOOLING AVAILABLE



SQUARE REEDED

SIZE - INCHES A x B	WT./FOOT T = .040
3/8 x 3/8*	.200
1/2 x 1/2*	.280
5/8 x 5/8*	.350
3/4 x 3/4*	.420
1 x 1	.570
1-1/4 x 1-1/4*	.740
1-1/2 x 1-1/2*	.872
2 x 2*	1.20

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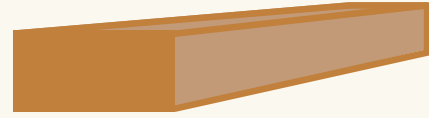
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BRASS RODS

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A
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— B —



CDA-360
ASTM B16

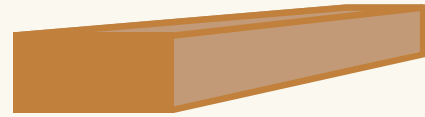
RECTANGULAR BRASS ROD

THICKNESS = A INCHES	APPROXIMATE WEIGHT PER FOOT							
	WIDTH = B							
	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4
1/16	.056	.086	.118	.147	.177	.206	.235	.287
3/32	.086	.129	.173	.221	.260	.306	.346	.432
1/18	.115	.173	.230	.288	.345	.403	.461	.576
3/16	.173	.265	.345	.432	.518	.604	.691	.863
1/4		.345	.461	.576	.691	.806	.921	1.15
5/16		.432	.576	.719	.865	1.00	1.15	1.44
3/8			.691	.863	1.04	1.21	1.38	1.73
1/2				1.15	1.38	1.61	1.84	2.30
5/8					1.73	2.02	2.31	2.88
3/4							2.76	3.46
1								4.61
1-1/4								6.91
1-1/2								
1-3/4								
2								

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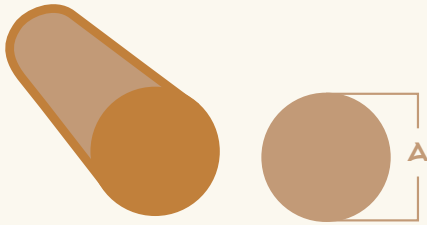
CDA-360
ASTM B16

RECTANGULAR BRASS ROD

THICKNESS = A INCHES	APPROXIMATE WEIGHT PER FOOT							
	WIDTH = B							
	1-3/4	2	2-1/4	2-1/2	3	3-1/2	4	5
1/16		.460		.577	.706		.942	
3/32		.697						
1/8	.806	.921	1.04	1.15	1.38		1.84	
3/16	1.21	1.38		1.73	2.07		2.76	
1/4	1.61	1.84	2.07	2.31	2.76	3.22	3.68	4.61
5/16		2.35		2.88	3.45			
3/8	2.42	2.76	3.11	3.45	4.15	4.84	5.53	6.91
1/2	3.22	3.68	4.16	4.60	5.53	6.45	7.37	9.20
5/8	4.03	4.61	5.20	5.75	6.90		9.20	
3/4	4.84	5.53	6.22	6.91	8.29		11.05	13.82
1	6.44	7.37		9.20	11.05	12.90	14.74	18.42
1-1/4		9.21		11.52	13.82		18.42	
1-1/2	9.67	11.05		13.82	16.58		22.10	
1-3/4		12.89			19.34			
2				18.42	22.10		29.48	

OTHER SIZES AND LENGTHS AVAILABLE BY SPECIAL REQUEST

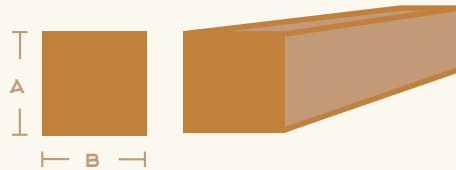
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ROUND ROD

A = SIZE INCHES	WEIGHT PER FOOT	A = SIZE INCHES	WEIGHT PER FOOT
1/16	.011	1-1/8	3.66
3/32	.025	1-3/16	4.08
1/8	.045	1-1/4	4.52
5/32	.070	1-3/8	5.47
3/16	.101	1-1/2	6.51
7/32	.139	1-5/8	7.65
1/4	.181	1-3/4	8.87
5/16	.282	1-7/8	10.17
3/8	.407	2	11.57
7/16	.554	2-1/4	14.65
1/2	.724	2-3/8	16.32
5/8	1.13	2-1/2	18.08
3/4	1.63	2-3/4	21.88
13/16	1.91	3	26.04
7/8	2.22	3-1/4	30.60
15/16	2.54	3-1/2	35.44
1	2.89	3-3/4	40.00
1-1/16	3.27	4	46.30

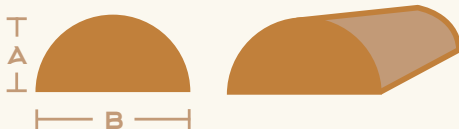
CDA-360
ASTM B16



SQUARE ROD

A SIZE	B INCHES	WEIGHT PER FOOT
1/8	1/8	.058
3/16	3/16	.130
1/4	1/4	.230
5/16	5/16	.360
3/8	3/8	.518
1/2	1/2	.921
5/8	5/8	1.44
3/4	3/4	2.07
7/8	7/8	2.82
1	1	3.69
1-1/8	1-1/8	4.66
1-1/4	1-1/4	5.76
1-3/8	1-3/8	6.97
1-1/2	1-1/2	8.29
1-3/4	1-3/4	11.28
2	2	14.74
2-1/2	2-1/2	23.03
3	3	33.16

CDA-360
ASTM B16



HALF-ROUND

A HEIGHT	B WIDTH	WEIGHT PER FOOT
3/32	3/16	.052
1/8	1/4	.090
3/16	3/8	.204
1/4	1/2	.362
5/16	5/8	.566
3/8	3/4	.815
1/2	1	1.45
3/4	1-1/2	3.25
1	2	5.79

CDA-360
ASTM B16



HALF-OVAL

A HEIGHT	B WIDTH	WEIGHT PER FOOT
3/32	3/8	.097
1/8	3/8	.136
1/8	1/2	.176
3/16	3/4	.378
1/4	1	.662
5/16	1-1/4	1.13
5/16	1-1/2	1.36
1/2	2	2.90

CDA-360
ASTM B16



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1957

*BRASS TUBING
IN STOCK FOR
IMMEDIATE
SHIPMENT*

*4 MILLION LBS
AVAILABLE
NATIONWIDE*

*WE SHIP WHEN
YOU WANT IT
AND WHERE YOU
WANT IT*



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INDUSTRY SINCE
1957

ALL ALLOYS
AND TEMPER
AVAILABLE

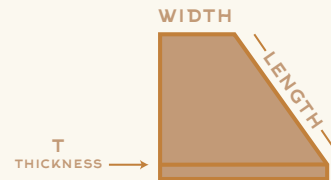
COMPLETE
POLISHING
AND CUTTING
FACILITIES

CUSTOM
SHAPES & SIZES
AVAILABLE

BRASS SHEET & COIL

CDA 260
ASTM B36

BRASS SHEET / PLATE



T - INCHES	WIDTH	LENGTH	LBS./SQ. FT.	LBS./SHEET
.016	24	96	.7096	11.35
.016	36	96		17.03
.020	24	96	.8915	14.26
.020	36	96		21.39*
.025	24	96	1.122	17.95
.025	36	96		26.92*
.032	24	96	1.419	22.70
.032	36	96		34.05*
.032	48	96		45.40**
.040	24	96	1.787	28.59
.040	36	96		42.88*
.040	48	96		57.19**
.050	24	96	2.253	36.05
.050	36	96		54.07*
.050	48	96		72.10**
.064	12	96	2.843	22.75
.064	24	96		45.49***
.064	36	96		68.23*
.064	48	96		90.98**
.072	36	96	3.193	76.63
.080	36	96	3.584	86.01
.080	48	96		114.69**
.090	12	96	4.023	32.19
.090	24	96		64.37***
.090	36	96		96.55
.090	48	96		128.74**

T - INCHES	WIDTH	LENGTH	LBS./SQ. FT.	LBS./SHEET
.102	36	96	4.520	108.48
.125	12	96	5.544	44.35
.125	24	96		88.70***
.125	36	96		133.05
.125	48	96		177.41**
3/16	24	96	8.316	132.20**
3/16	36	96		198.29***
3/16	48	96		266.11**
1/4	12	96	11.02	88.16**
1/4	24	96		176.32***
1/4	36	96		264.48***
1/4	48	96		352.64**
3/8	12	96	16.52	132.16**
3/8	24	96		264.32**
3/8	36	96		396.48**
1/2	12	96	22.02	176.16**
1/2	24	96		352.32**
1/2	36	96		528.48**
3/4	12	96	33.05	264.40**
3/4	24	96		528.80**
3/4	36	96		793.20**
1	12	96	44.00	352.00**
1	24	96		704.00**
1	36	96		1056.00**

* ALSO STOCKED IN SOFT TEMPER

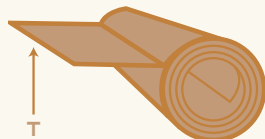
** ALSO AVAILABLE IN MUNTZ METAL

*** ALSO STOCKED IN ALLOY 353 LEADED ALLOYS

ALSO AVAILABLE IN ALLOY 102, 110, 220, 280, AND 353

BRASS COIL

CDA 260
ASTM B36



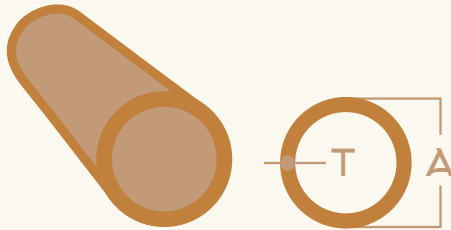
T - INCHES	LBS./SQ. FT.	T - INCHES	LBS./SQ. FT.	T - INCHES	LBS./SQ. FT.
.010	.4435	.028	1.2419	.050	2.2176
.012	.5322	.032	1.4193	.062	2.7498
.016	.7096	.035	1.5523	.070	3.1046
.020	.8840	.040	1.7741	.080	3.5482
.025	1.1088	.045	1.9958	.090	3.9917

ALLOYS AVAILABLE: 122, 260, 268, 510, 706, 752

TOLL FREE | +1 (800) 221-5579 PHONE | +1 (718) 894-1442

ARCHITECTURAL BRONZE TUBING

CDA 385 / 280



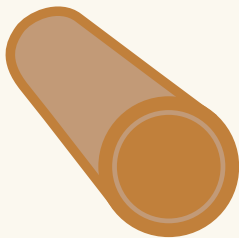
O.D. INCHES A = SIZE	APPROX. WT./FT. T = WALL THICKNESS	
	.125	.250
3/4	.904	
1	1.27	
1-1/4	1.63	
1-1/2	1.99	3.98
1.90	2.07*	
2	2.71	5.06
2-1/2	3.44	6.51
3	4.16	7.96

STOCKED IN 16 FOOT MILL LENGTHS

*STOCKED IN .100 WALL

RED BRASS PIPE

ALLOY 230



A = NOMINAL PIPE SIZE	STANDARD	SCHEDULE 40		WT. PER FOOT
	ACTUAL O.D.	ACTUAL I.D.	WALL=T	
1/8	.405	.281	.062	.253
1/4	.540	.375	.082	.447
3/8	.675	.494	.090	.627
1/2	.840	.625	.107	.934
3/4	1.05	.822	.114	1.27
1	1.315	1.062	.126	1.78
1-1/4	1.66	1.368	.146	2.63
1-1/2	1.90	1.60	.150	3.13
2	2.375	2.062	.156	4.12
2-1/2	2.875	2.50	.187	5.99
3	3.50	3.06	.219	8.56
3-1/2	4.00	3.50	.250	11.20
4	4.50	4.00	.250	12.70

A = NOMINAL PIPE SIZE	EXTRA HEAVY	SCHEDULE 80		WT. PER FOOT
	ACTUAL O.D.	ACTUAL I.D.	WALL=T	
1/8	.405	.205	.100	.363
1/4	.540	.294	.123	.611
3/8	.675	.421	.127	.829
1/2	.840	.542	.149	1.23
3/4	1.05	.736	.157	1.67
1	1.315	.951	.182	2.46
1-1/4	1.66	1.272	.194	3.39
1-1/2	1.90	1.494	.203	4.10
2	2.375	1.933	.221	5.67
2-1/2	2.875	2.315	.280	8.66
3	3.50	2.892	.304	11.60
3-1/2	4.00	3.358	.321	14.10
4	4.50	3.818	.341	16.90



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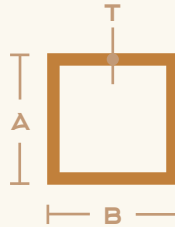
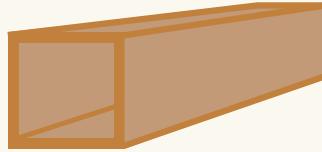
*COMPLETE
POLISHING
AND CUTTING
FACILITIES*

*CUSTOM
SHAPES & SIZES
AVAILABLE*

ARCHITECTURAL BRONZE TUBING

CDA 385 / 280

SQUARE BRONZE TUBING



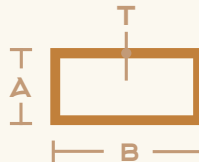
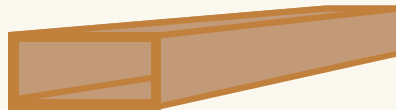
SIZE - INCHES A x B	APPROXIMATE WEIGHT PER FOOT T = WALL THICKNESS		
	.093	.100	.125
1/2 x 1/2	.586		
5/8 x 5/8	.756		
3/4 x 3/4	.929		
1 x 1		1.36	1.66
1-1/4 x 1-1/4		1.73	
1-1/2 x 1-1/2		2.09	2.58
1-3/4 x 1-3/4		2.46	
2 x 2		2.84	3.51
2-1/2 x 2-1/2		3.48	4.43
3 x 3			5.35

STOCKED IN 16 FOOT MILL LENGTHS

OTHER SIZES AND LENGTH AVAILABLE BY
SPECIAL REQUEST.

CDA 385 / 280

RECTANGULAR BRONZE TUBING



SIZE - INCHES A x B	APPROX. WEIGHT PER FOOT T = WALL THICKNESS	
	.100	.125
1/2 x 1	.989	
1/2 x 1-1/2	1.36	
1/2 x 2	1.72	
3/4 x 1-1/2	1.54	
1 x 1-1/2	1.73	
1 x 2	2.09	2.58
1 x 3		3.51
1-1/2 x 3		3.97
1-3/4 x 3		4.20
1-3/4 x 4		5.13
2 x 3		4.43
2 x 4		5.35

STOCKED IN 16 FOOT MILL LENGTHS

OTHER SIZES AND LENGTH AVAILABLE BY
SPECIAL REQUEST.

ARCHITECTURAL BRONZE RODS



CDA 385
ASTM 455

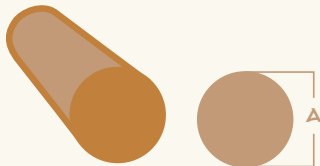
RECTANGULAR BRONZE ROD

A = THICKNESS	APPROXIMATE WEIGHT PER FOOT										
	B = WIDTH										
A	1/2	5/8	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6
1/8	.230	.288	.345	.461	.576	.691	.921	1.15	1.38	1.84	
3/16	.345*	.432*	.518*	.691	.863	1.04	1.38	1.73*	2.07*	2.76*	
1/4	.461	.576*	.691	.921	1.15	1.38	1.84	2.31	2.76	3.65	5.52
3/8	.691*	.863*	1.04*	1.38	1.73	2.07	2.76	3.45	5.48	5.53*	8.30*
1/2			1.38	1.84	2.30	2.76	3.68	4.60	5.48	7.37*	11.06*
3/4				2.76	3.46*	4.14	5.53	3.46*	8.29*	11.05*	16.55*
1					4.61*	5.55*	7.37	9.20*	11.05*	14.76*	22.11*

STOCKED IN 16 FOOT MILL LENGTHS

*TOOLING AVAILABLE

OTHER SIZES AND LENGTH AVAILABLE BY SPECIAL REQUEST.



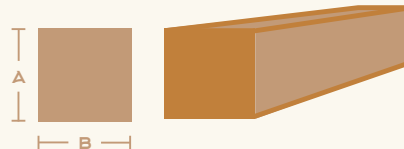
ROUND BRONZE ROD

SIZE - INCHES	WT./FT.
1/4	.181
3/8	.407
1/2	.724
5/8	1.13
3/4	1.63
1	2.89
1-1/4	4.52
1-1/2	6.51
2	11.57

CDA 385
ASTM 455

STOCKED IN 16 FOOT MILL LENGTHS

OTHER SIZES AND LENGTH AVAILABLE
BY SPECIAL REQUEST.



SQUARE BRONZE ROD

A x B	WT./FT.
1/4 x 1/4	.230
3/8 x 3/8	.518
1/2 x 1/2	.921
5/8 x 5/8	1.44
3/4 x 3/4	2.07
1 x 1	3.68
1-1/4 x 1-1/4	5.76
1-1/2 x 1-1/2	8.29
2 x 2	14.74

CDA 385
ASTM 455

STOCKED IN 16 FOOT MILL LENGTHS

OTHER SIZES AND LENGTH AVAILABLE
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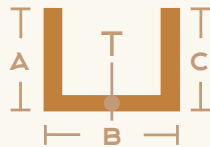
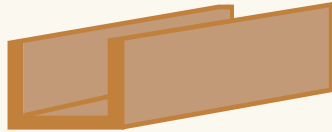
COMPLETE
POLISHING
AND CUTTING
FACILITIES

CUSTOM
SHAPES & SIZES
AVAILABLE

CHANNEL AND TEES

BRASS / BRONZE CHANNEL EQUAL LEGS

ASTM 455

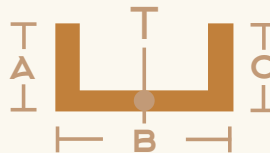
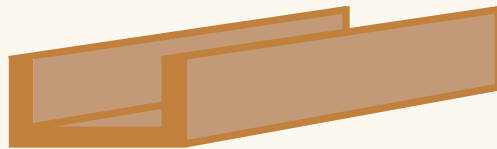


SIZE - INCHES A x B x C	APPROXIMATE WEIGHT PER FOOT T = WALL THICKNESS			
	.040	.062	.093	.125
1/4 x 1/4 x 1/4	.120			
3/8 x 3/8 x 3/8		.260		
1/2 x 1/2 x 1/2**		.300	.450	
5/8 x 5/8 x 5/8			.600	
3/4 x 3/4 x 3/4			.680	.900
1 x 1 x 1			.930	1.25
1-1/4 x 1-1/4 x 1-1/4				1.60
1-1/2 x 1-1/2 x 1-1/2				1.94
2 x 2 x 2				2.60

**ALSO STOCKED IN RADIUS BLACK
OTHER SIZES AND LENGTH AVAILABLE BY SPECIAL REQUEST.

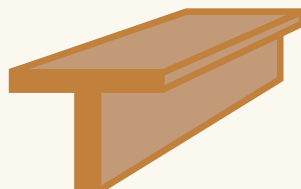
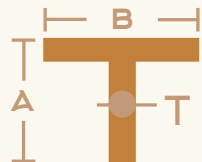
BRASS / BRONZE CHANNEL UNEQUAL LEGS

ASTM 455



SIZE - INCHES A x B x C	APPROX. WT. PER FT. T = WALL THICKNESS	
	.093	.125
3/8 x 3/4 x 3/8		.570
1/2 x 1 x 1/2		.840
1/2 x 1-1/4 x 1/2		.930
1/2 x 1-1/2 x 1/2		1.02
5/8 x 1-1/4 x 5/8		1.06
5/8 x 1-1/2 x 5/8		1.12
3/4 x 1/2 x 3/4	.626	
3/4 x 1 x 3/4		1.08
3/4 x 2 x 3/4		1.48
1 x 1-1/2 x 1		1.45
1 x 2 x 1		1.75
1 x 2-1/2 x 1		1.94
1-1/2 x 1 x 1-1/2		1.44

OTHER SIZES AND LENGTH
AVAILABLE BY SPECIAL REQUEST.



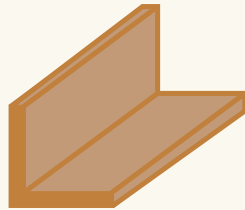
BRASS AND BRONZE TEES

ASTM 455

SIZE - INCHES A x B	APPROX. WT. PER FT. T = WALL THICKNESS	
	.125	.187
3/4 x 3/4	.640	
1 x 1	.890	
1-1/2 x 1-1/2	1.35	1.94
2 x 2		2.61

OTHER SIZES AND LENGTH
AVAILABLE BY SPECIAL REQUEST.

ANGLES

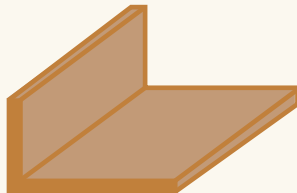


ASTM 455

BRASS / BRONZE ANGLE EQUAL LEGS

SIZE - INCHES A x B	APPROXIMATE WEIGHT PER FOOT				
	T = WALL THICKNESS				
	.062	.093	.125	.187	.250
1/4 x 1/4	.116				
3/8 x 3/8	.165	.220	.300		
1/2 x 1/2	.231	.310	.420		
5/8 x 5/8	.286	.360	.520		
3/4 x 3/4	.352	.480	.640		
1 x 1	.484	.690	.890	1.36	1.60
1-1/4 x 1-1/4	.550	.820	1.09	1.60	2.05
1-1/2 x 1-1/2			1.35	1.92	2.52
2 x 2			1.79	2.61	3.37
2-1/2 x 2-1/2			2.17		4.35
3 x 3			2.63		5.25

OTHER SIZES AND LENGTH AVAILABLE BY SPECIAL REQUEST.



ASTM 455

BRASS / BRONZE ANGLE UNEQUAL LEGS

SIZE - INCHES A x B	APPROX. WT./FT.	
	T = WALL THICKNESS	
	.062	.125
3/8 x 3/4		.450
1/2 x 3/4		.520
1/2 x 1	.326	.650
1/2 x 1-1/2		.840
1/2 x 2		1.09
3/4 x 1		.750
3/4 x 1-1/4		.880
3/4 x 1-1/2		.970
1 x 1-1/2		1.10
1 x 2		1.33
2 x 3		2.20

OTHER SIZES AND LENGTH AVAILABLE BY SPECIAL REQUEST.



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AND CUTTING
FACILITIES

CUSTOM
SHAPES & SIZES
AVAILABLE

HANDRAIL MOLDING AND TUBING

HAND RAIL MOLDING

THESE HANDRAIL EXTRUSION MOULDINGS ARE AVAILABLE IN CDA 385 ARCHITECTURAL BRONZE, AVAILABLE IN MILL FINISH, SATIN FINISH, OR MIRROR POLISH.

*OTHER CONFIGURATIONS AVAILABLE BY SPECIAL ORDER.



HOLLOW

A	B	WEIGHT PER FOOT
1-5/8	1-1/16	1.28
1-15/16	1-5/16	1.83
2-1/4	1-9/16	2.10

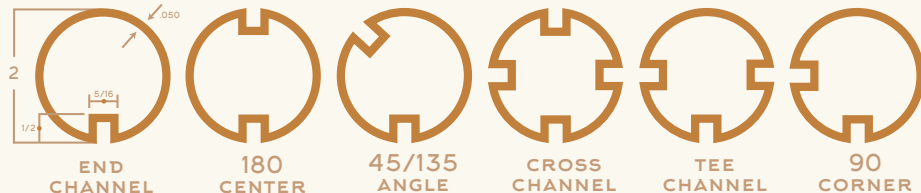
SOLID

A	B	C	WEIGHT PER FOOT
1-5/8	1-1/16	5/8	1.84
1-15/16	1-5/16	1-1/16	2.56
2-1/4	1-9/16	1-5/16	3.12

ASTM 455

GLASS RAILING SYSTEM

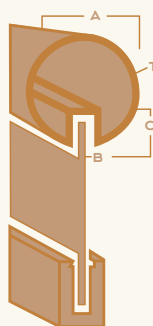
THE GLASS RAILING SYSTEM IS DESIGNED FOR USE ON HANDRAILS, SNEEZE GUARDS, AREA DIVIDERS, MIRRORS AND SIGNS.



BRASS/BRONZE HANDRAIL TUBING

THE BRASS/GLASS HANDRAIL TUBING IS A NEW SYSTEM FOR USE WITH EITHER 1/8", 1/4", OR 1/2" TEMPERED GLASS PANELS. AVAILABLE IN MILL FINISH, SATIN FINISH, OR MIRROR POLISHED. SPECIAL SIZES AND SHAPES AVAILABLE BY SPECIAL REQUEST.

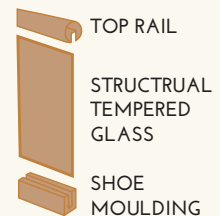
ASTM B135



A OUTSIDE DIAMETER INCHES	B CHANNEL INSIDE WIDTH INCHES	C CHANNEL DEPTH INCHES	T OVERALL WALL THICKNESS	WEIGHT PER FOOT
1.90	3/4	1-1/4	.100	2.70
2*	5/16	1/2	.050	1.21
2	3/4	1	.065	2.10
2-1/2	3/4	1-1/4	.065	2.26
2-1/2	3/4	1-1/4	.080	3.17
3**	3/4	1-1/4	.080	3.29
3-1/2**	3/4	1-1/4	.087	4.33

*ALSO STOCKED IN 45/135 DOUBLE SLOT, 90 DOUBLE SLOT, 180 DOUBLE SLOT, TRIPLE SLOT, AND QUAD SLOT.

**TOOLING AVAILABLE FOR .125 WALL OR .187 WALL



HANDRAIL ALUMINUM ALLOY NO.	BASE SHOE WT./FT
6063-T-6	8.24
6061-T-6	5.42



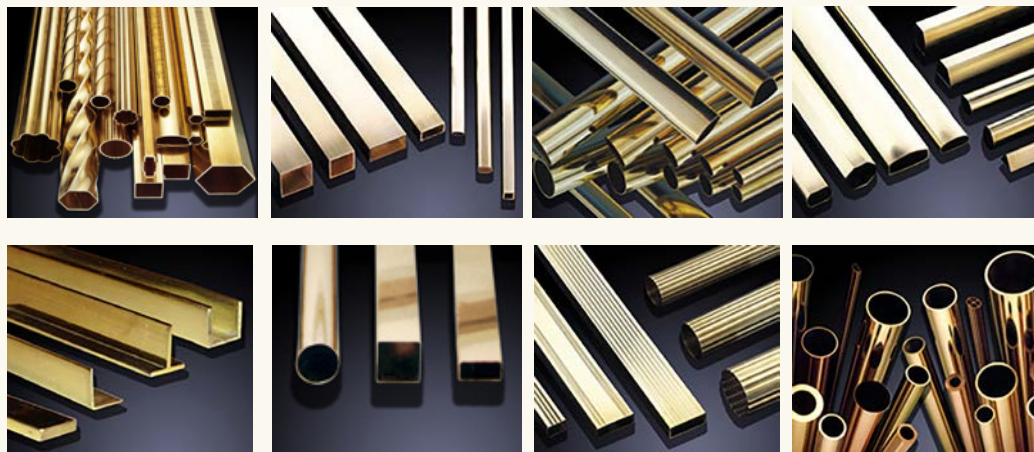
COPPER ALLOY DATA

THIS CHART DEPICTS THE STANDARD DESIGNATIONS FOR COPPER ALLOYS. IT IS ADVISABLE TO KEEP THIS TABLE ON FILE FOR FUTURE NEEDS.

CDA ALLOY NO.	TRADE NAME	COPPER %	ZINC %	LEAD %	IRON %	NICKEL %	TIN %	MANGANESE%	OTHER
101	OXYGEN FREE COPPER	99.99							.0003P(.0010 TE)
102	OXYGEN FREE COPPER	99.95							
110	COPPER ETP	99.90							
122	COPPER DHP	99.90				.015-.040			.015-.040P
220	COMMERCIAL BRONZE	89.0-91.0	REM.	0.05	0.05				
230	RED BRASS	84.0-86.0	REM.	0.05	0.05				
240	LOW BRASS	78.5-81.5	REM.	0.05	0.05				
260	CARTRIDGE BRASS	68.5-71.5	REM.	0.07	0.05				
270	YELLOW BRASS	63.0-68.5	REM.	0.10	0.07				
272	YELLOW BRASS	62.0-65.0	REM.	0.07	0.07				
274	YELLOW BRASS	61.0-64.0	REM.	0.10	0.05				
280	MUNTZ METAL	59.0-63.0	REM.	0.30	0.07				
330	LOW LEADED BRASS	65.0-68.0	REM.	.25-.70	0.07				
332	HIGH LEADED BRASS	65.0-68.0	REM.	1.5-2.5	0.07				
335	LOW LEADED BRASS	62.0-65.0	REM.	.25-.70	0.15				
353	ENGRAVERS BRASS	60.0-63.0	REM.	1.5-2.5	0.15				
356	EXTRA HIGH LEADED	60.0-63.0	REM.	2.0-3.0	0.15				
360	FREE-CUTTING BRASS	60.0-63.0	REM.	2.5-3.7	0.35				
365	LEADED MUNTZ METAL	58.0-61.0	REM.	2.5-.70	0.15		.25		
377	FORGING BRASS	58.0-61.0	REM.	1.5-2.5	0.30				
380	ARCHITECTURAL BRONZE	55.0-60.0	REM.	1.5-2.5	0.35		0.30		.50AL
385	ARCHITECTURAL BRONZE	55.0-59.0	REM.	2.5-3.5	0.35				
443	ADMIRALTY BRASS	70.0-73.0	REM.	0.07	0.06		.80-1.20		.02-.06AS
464	NAVAL BRASS	59.0-62.0	REM.	0.20	0.10		.50-1.00		
706	COPPER NICKEL	REM.	1.00	0.05	1.0-1.8	9.00-11.00			1.00
715	COPPER NICKEL	REM.	1.00	0.05	.40-1.0	29.0-33.00			1.00
740	NICKEL SILVER	69.0-73.5	REM.	0.10	0.25	9.00-11.00			0.50
752	NICKEL SILVER	63.5-66.5	REM.	0.05	0.25	16.5-19.5			0.50

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