The Wagner Companies has an extensive stock list of Architectural Shapes – bars, angles, channels, zees, tees and tubing. All of the **Wagner** architectural shapes have been selected for application in ornamental and miscellaneous metal work. Additional sizes and alloys may be obtained.

All items are stocked with a mill finish, except as noted. Contact **Wagner** regarding special finishes.

Steel sections are hot rolled carbon steel C1010, merchant quality.

Stainless Steel tubing and pipe are produced from Type 304 stainless steel, ornamental grade.

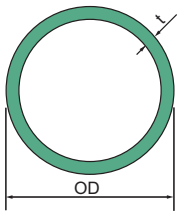
Aluminum extrusions are produced from Alloy 6063-T52, unless noted. Alloy 6063 is suitable for anodizing. Please note that welding is not recommended for aluminum that is to be anodized. Welding will change the temper of the material and cause it to anodize inconsistently. Consult your anodizer before specifying.

Bronze tubing, bars and shapes are extruded from alloy C38500, architectural bronze. Round pipe is drawn, alloy C23000, red brass. Brass tubing is alloy C27000, yellow brass. Metal sheet is alloy C28000, muntz metal. Architectural bronze, red brass and muntz metal are considered color matches for architectural applications.

Shipping:
Architectural Shapes are sold in stock lengths, as noted, and therefore will ship by common carrier. Upon request, we will cut material to length for shipment by United Parcel Service. Cutting charges will apply. All cut materials are not returnable.

Please review our quality expectations statement on page 245.

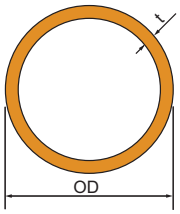
PIPE



Aluminum Alloy 6063
20' Lengths

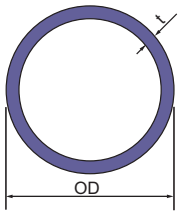
Pipe Size	Sch.	OD	ID	t	lb/ft	Part #
1¼	40	1.660	1.380	.140	.786	**P490**
1¼	40	1.660	1.380	.140	.786	**P510***
1¼	40	1.660	1.380	.140	.786	**P491†**
1½	40	1.900	1.610	.145	.940	**P540**
1½	40	1.900	1.610	.145	.940	**P560***
1½	40	1.900	1.610	.145	.940	**P565†**
1½	80	1.900	1.500	.200	1.256	**P582***
1½	80	1.900	1.500	.200	1.256	**P585†**

* Clear anodized
† Satin anodized



Red Brass C23000
20' Lengths

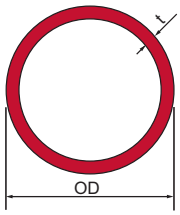
Pipe Size	OD	ID	t	lb/ft	Part #
1¼"	1.660	1.380	.140	2.63	**P1110**
1½"	1.900	1.610	.150	3.13	**P1120**
2"	2.380	2.068	.156	4.12	**P1130**



Stainless Steel Type 304, #4 Satin
20' Random Lengths

Available in Mill and Polished Finishes. Contact **Wagner** for availability.

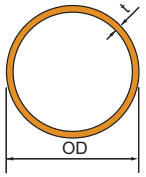
Nominal Size	Sch.	OD	ID	t	lb/ft	Part #
¾	40	1.050	.824	.113	1.141	**P702**
1	40	1.320	1.049	.133	1.695	**P735**
1¼	10	1.660	1.442	.109	1.810	**P760**
1¼	40	1.660	1.380	.140	2.294	**P790**
1½	5	1.900	1.770	.065	1.274	**P840**
1½	10	1.900	1.682	.109	2.085	**P850**
1½	40	1.900	1.610	.145	2.743	**P890**
2	40	2.380	2.067	.154	3.687	**P950**



Steel Round Black Pipe A53
Schedule 40 21' Random Lengths

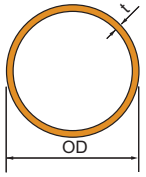
Pipe Size	OD	ID	t	lb/ft	Part #
¾"	1.050	.824	.113	1.130	**P110**
1"	1.315	1.049	.133	1.680	**P120**
1¼"	1.660	1.380	.140	2.270	**P135**
1½"	1.900	1.610	.145	2.720	**P175**
2"	2.375	2.067	.154	3.650	**P240**

ROUND TUBING



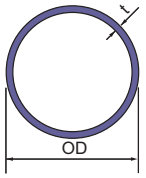
Brass C27000
Lengths as noted

OD	thickness	lb/ft	length	Part #
1.00	.050	.541	6'	**T5019-6**
1.00	.050	.541	8'	**T5019-8**
1.00	.050	.541	12'	**T5019**
1.00	.050	.830	6'	**T5062-6**
1.50	.050	.830	8'	**T5062-8**
1.50	.050	.830	12'	**T5062**
2.00	.050	1.080	6'	**T5122-6**
2.00	.050	1.080	8'	**T5122-8**
2.00	.050	1.080	12'	**T5122**
2.50	.050	1.410	12'	**T5161**
3.00	.050	1.710	6'	**T5219-6**
3.00	.050	1.710	12'	**T5219**



Bronze C38500
20' Lengths

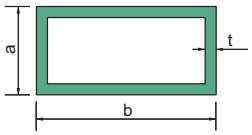
OD	thickness	lb/ft	Part #
1.50	.125	2.101	**T71512S**
2.00	.125	2.803	**T72012**



Stainless Type 304
20' Random Lengths, Except as Noted
† Denotes 24' Lengths

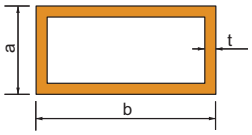
OD	t	Finish	lb/ft	Part #
1.00	.050	4	.510	**T3615.4**
1.00	.050	7	.510	**T3615**
1.00	.083	2B	.821	**T3650†**
1.00	.120	2B	1.138	**T3660**
1.00	.120	4	1.138	**T3662**
1.25	.065	2B	.830	**T3740**
1.25	.065	4	.830	**T3730**
1.25	.120	2B	1.448	**T3760**
1.25	.120	4	1.448	**T3770**
1.25	.120	7	1.448	**T3771**
1.50	.050	4	.770	**T3774.4**
1.50	.050	7	.770	**T3774**
1.50	.065	2B	.996	**T3800**
1.50	.065	4	.996	**T3780**
1.50	.120	2B	1.769	**T3860**
1.50	.120	4	1.769	**T3840**
1.50	.120	7	1.769	**T3841**
1.62	.065	4	1.083	**T3920**
1.62	.120	7	1.929	**T3951**
2.00	.050	4	1.020	**T3970.4**
2.00	.050	7	1.020	**T3970**
2.00	.065	2B	1.343	**T3980**
2.00	.065	4	1.343	**T3982**
2.00	.120	2B	2.409	**T4000**
2.00	.120	4	2.409	**T4020**

RECTANGULAR TUBING



Aluminum Alloy 6063-T52
21'-1" Lengths

b	a	t	lb/ft	Part #
1	½	.125	.383	**T2051012**
1½	¾	.125	.604	**T2081512**
1½	1	.125	.677	**T2101512**
2	1	.125	.789	**T2102012**
3	1	.125	1.085	**T2103012**
2½	1¼	.125	1.039	**T2122512**
3	1¼	.125	1.175	**T2123012**
2½	1½	.125	1.127	**T2152512**
3	1¾	.125	1.376	**T2183012**
3½	1¾	.125	1.486	**T2183512**
3	2	.125	1.426	**T2203012**
4	2	.125	1.733	**T2204012**
6	2	.125	2.326	**T2206012**
4	3	.125	1.985	**T2304012**
5	3	.125	2.305	**T2305012**
6	4	.250	5.750	**T2406025**

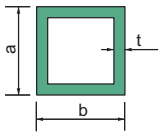


Bronze C38500
16' Lengths

b	a	t	lb/ft	Part #
1½	1	.100	1.690	**T7101510**
2	1	.100	2.100	**T7102010**
3	1	.125	3.350	**T7103012**

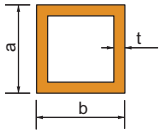
The tolerances on **Wagner** tubing does not make it suitable for applications where a smaller size tubing is inserted into a larger section. This requires a special product referred to as *telescoping tubing* and is supplied by others.

SQUARE TUBING



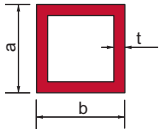
Aluminum Alloy 6063-T52
21'-1" Lengths

a	b	t	lb/ft	Part #
½	½	.062	.134	**T2050506**
⅝	⅝	.062	.167	**T2060606**
¾	¾	.062	.194	**T2080806**
¾	¾	.125	.376	**T2080812**
1	1	.125	.524	**T2101012**
1¼	1¼	.125	.674	**T2121212**
1½	1½	.125	.825	**T2151512**
1¾	1¾	.125	.975	**T2181812**
2	2	.125	1.136	**T2202012**
2	2	.250	2.166	**T2202025**
2½	2½	.125	1.397	**T2252512**
3	3	.125	1.761	**T2303012**
3	3	.250	3.300	**T2303025**
4	4	.125	2.326	**T2404012**
6	6	.125	3.525	**T2606012**



Bronze C38500
16' Lengths

a	b	t	lb/ft	Part #
½	½	.093	.560	**T7050509**
¾	¾	.093	.890	**T7080809**
1	1	.100	1.375	**T7101010**
1¼	1¼	.100	1.760	**T7121210**
1½	1½	.100	2.067	**T7151510**
2	2	.125	3.540	**T7202012**
3	3	.125	5.300	**T7303012**



Steel
20' Lengths,
Except as Noted

a	b	t	lb/ft	Part #
1	1	.120	1.487	**T6540**
1¼	1¼	.120	1.800	**T6580**
1½	1½	.120	2.210	**T6620**
2	2	.120	2.940	**T6710**



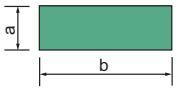


Joan
11/11





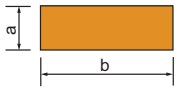
Chuck
10/10



Aluminum Alloy 6063-T52
16' Lengths

a	b	lb/ft	Part #
1/8	1	.150	B20110
1/8	1 1/4	.187	B20112
1/8	1 1/2	.225	B20115
1/8	2	.300	B20120
1/8	2 1/2	.364	B20125
1/8	6	.890	B20160
1/4	1	.300	B20310
1/4	1 1/4	.354	B20312
1/4	1 1/2	.450	B20315
1/4	1 5/8	.487	B20316
1/4	1 3/4	.526	B20318
1/4	4	1.200	B20340
3/8	5/8	.279	B20406
1/2	1 1/2	.891	B20515





Bronze Alloy C38500
16' Lengths

a	b	lb/ft	Part #
1/8	1/4	.120	B50102
1/8	1/2	.230	B50105
1/8	3/4	.350	B50108
1/8	1	.460	B50110
1/8	1 1/2	.690	B50115
1/8	2	.920	B50120
1/8	2 1/2	1.150	B50125
1/8	3	1.380	B50130
1/8	4	1.840	B50140
3/16	2	1.382	B50220
1/4	1/2	.461	B50305
1/4	3/4	.690	B50308
1/4	1	.920	B50310
1/4	1 1/4	1.070	B50312
1/4	1 1/2	1.380	B50315
1/4	2	1.840	B50320
1/4	2 1/2	2.300	B50325
1/4	3	2.760	B50330
1/4	4	3.650	B50340
3/8	1/2	.691	B50405
3/8	5/8	.860	B50406
3/8	3/4	1.030	B50408
3/8	1	1.380	B50410
3/8	1 1/4	1.730	B50412
3/8	1 1/2	2.070	B50415
3/8	2	2.760	B50420
3/8	2 1/2	3.420	B50425
3/8	4	5.530	B50440
1/2	3/4	1.380	B50508
1/2	1	1.840	B50510
1/2	1 1/4	2.300	B50512
1/2	1 1/2	2.760	B50515
1/2	2	3.680	B50520
1/2	2 1/2	4.600	B50525
1/2	3	5.520	B50530
1/2	4	7.380	B50540
3/4	1	2.760	B50810
3/4	1 1/2	4.140	B50815
3/4	2	5.530	B50820
3/4	2 1/2	6.750	B50825



Gary
3/30

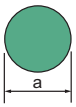
Architectural Shapes are sold in stock lengths, as noted, and therefore will ship by common carrier. Upon request, we will cut material to length for shipment by United Parcel Service. Cutting charges will apply. All cut materials are not returnable.



Nhia
9/9

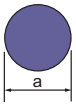


ROUND BAR



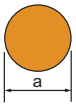
Aluminum Alloy 6063-T52
16' Lengths

diameter	lb/ft	Part #
1/2	.235	B206
5/8	.368	B210
3/4	.530	B212
1	.942	B216
1 1/4	1.437	B218
1 1/2	2.079	B220
2	3.656	B230



Stainless Steel Type 304
12' - 14' Random Lengths

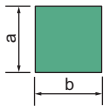
diameter	lb/ft	Part #
3/8	.376	B304
1/2	.668	B306
5/8	1.043	B310
3/4	1.502	B312



Bronze Alloy C38500
12' or 16' Lengths

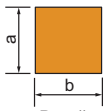
diameter	lb/ft	Part #
1/2	.723	B505
5/8	1.130	B506
3/4	1.628	B512
1	2.893	B510
1 1/4	4.521	B518
1 1/2	6.450	B515

SQUARE BAR



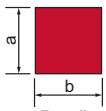
Aluminum Alloy 6063-T52
16' Lengths

a	b	lb/ft	Part #
1/2	1/2	.300	B20505
3/4	3/4	.673	B20808
1	1	1.200	B21010



Bronze Alloy C38500
16' Lengths

a	b	lb/ft	Part #
1/4	1/4	.230	B50202
1/2	1/2	.920	B50505
5/8	5/8	1.440	B50606
3/4	3/4	2.080	B50808
1	1	3.690	B51010
1 1/2	1 1/2	8.280	B51515



Steel
20' Random Lengths

a	b	lb/ft	Part #
1/2	1/2	.850	B10505
1/2	1/2	.632	B10505H*

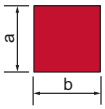
*Denotes hammered edges.



Photo courtesy of Helmut Hillenkamp
Iron-To-Live-With, Santa Fe, New Mexico
Leaves are made from Pure Iron.

PURE IRON

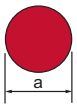
2', 4' and 6' Lengths
Random Lengths
Available
Contact **Wagner** for pricing.



Pure Iron Square Bar

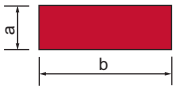
a	b	nominal	lb/ft	Part #
20 mm	20 mm	3/4	2.130	B10808P-2
20 mm	20 mm	3/4	2.130	B10808P-4
20 mm	20 mm	3/4	2.130	B10808P-6

For more information on Pure Iron, refer to page 115 or visit www.pureironsource.com.



Pure Iron Round Bar

diameter	nominal	lb/ft	Part #
20 mm	3/4	1.656	B108P-2
20 mm	3/4	1.656	B108P-4
20 mm	3/4	1.656	B108P-6
35 mm	1 1/4	5.070	B113P-2
35 mm	1 1/4	5.070	B113P-4
35 mm	1 1/4	5.070	B113P-6

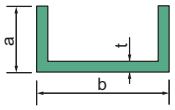


Pure Iron Rectangular Bar

a	b	nominal	lb/ft	Part #
10 mm	20 mm	1/2 x 3/4	1.275	B10408P-2
10 mm	20 mm	1/2 x 3/4	1.275	B10408P-4
10 mm	20 mm	1/2 x 3/4	1.275	B10408P-6
10 mm	25 mm	1/2 x 7/8	1.700	B10410P-2
10 mm	25 mm	1/2 x 7/8	1.700	B10410P-4
10 mm	25 mm	1/2 x 7/8	1.700	B10410P-6

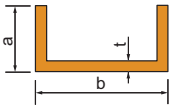
CHANNEL

Sharp Corners
16' Lengths, Except as Noted
† Denotes 20' Lengths



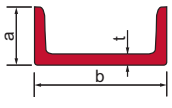
Aluminum Alloy 6063-T52

b	a	t	lb/ft	Part #
1/2	1/2	3/32	.148	C2050509
1/2	3/4	1/8	.263	C2050812
3/4	3/4	1/8	.300	C2080812
3/4	1	1/8	.376	C2081012
1	1/2	1/8	.286†	C2100512
1	3/4	1/8	.344	C2100812
1	1	1/8	.413	C2101012
1	2	1/8	.713	C2102012
1 1/4	1/2	1/8	.300†	C2120512
1 1/4	3/4	1/8	.374	C2120812
1 1/4	1 1/4	1/8	.526	C2121212
1 1/2	1/2	1/8	.337†	C2150512
1 1/2	3/4	1/8	.427	C2150812
1 1/2	1	1/8	.494	C2151012
1 1/2	1 1/2	1/8	.606	C2151512
1 3/4	1	1/8	.524	C2181012
1 3/4	1 3/4	1/8	.730	C2181812
2	1	1/8	.554†	C2201012
2	2	1/8	.841	C2202012
2 1/2	3/4	1/8	.554	C2250812
2 1/2	1 1/2	1/8	.787	C2251512
3	1	1/8	.667	C2301012
3	3	1/8	1.293	C2303012
4	1 1/2	1/8	1.026	C2401512



Bronze Alloy C38500

b	a	t	lb/ft	Part #
1/2	3/4	3/32	.660	C5050809
3/4	1/2	1/8	.680	C5080512
3/4	3/4	1/8	.900	C5080812
1	1/2	1/8	.840	C5100512
1	3/4	1/8	1.140	C5100812
1	1	1/8	1.250	C5101012
1 1/4	1/2	1/8	.975	C5120512
1 1/2	1/2	1/8	1.020†	C5150512
1 1/2	1	1/8	1.500	C5151012
1 1/2	1 1/2	1/8	1.940	C5151512
2	1	1/8	1.730	C5201012

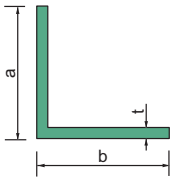


Steel, Hot Rolled
20' Lengths

b	a	t	lb/ft	Part #
1	1/2	1/8	.840	C1100512
1 1/4	1/2	1/8	1.010	C1120512
1 1/2	1/2	1/8	1.120	C1150512

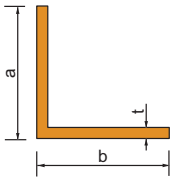
ANGLE, Equal Leg

Sharp Corners
16' Lengths



Aluminum Alloy 6063-T52

a	b	t	lb/ft	Part #
1/2	1/2	1/16	.070	L2050506
1/2	1/2	1/8	.144	L2050512
3/4	3/4	1/16	.101	L2080806
3/4	3/4	1/8	.206	L2080812
1	1	1/16	.145	L2101006
1	1	1/8	.281	L2101012
1 1/4	1 1/4	1/8	.355	L2121212
1 1/2	1 1/2	1/8	.431	L2151512
1 1/2	1 1/2	3/16	.633	L2151519
1 1/2	1 1/2	1/4	.824	L2151525
2	2	1/8	.581	L2202012
2	2	3/16	.857	L2202019
2	2	1/4	1.124	L2202025
2 1/2	2 1/2	1/8	.731	L2252512
2 1/2	2 1/2	1/4	1.424	L2252525
3	3	1/8	.806	L2303012
3	3	3/16	1.308	L2303019
3	3	1/4	1.668	L2303025



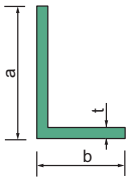
Bronze Alloy C38500
16' Lengths

a	b	t	lb/ft	Part #
1/2	1/2	1/8	.400	L5050512
3/4	3/4	1/8	.630	L5080812
1	1	1/8	.878	L5101012
1 1/4	1 1/4	1/8	1.090	L5121212
1 1/2	1 1/2	1/8	1.310	L5151512
1 1/2	1 1/2	3/16	1.940	L5151519
2	2	1/8	1.730	L5202012
2	2	3/16	2.610	L5202019
2	2	1/4	3.344	L5202025
2 1/2	2 1/2	1/8	2.250	L5252512



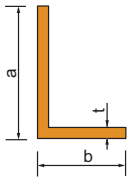
ANGLE, Unequal Leg

Sharp Corners
16' Lengths



Aluminum Alloy 6063-T52

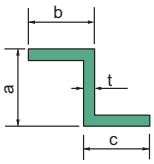
a	b	t	lb/ft	Part #
3/4	1/2	1/8	.169	L2050812
1	1/2	1/8	.206	L2051012
1	3/4	1/8	.244	L2081012
1 1/2	3/4	1/8	.319	L2081512
2	3/4	1/8	.394	L2082012
1 1/2	1	1/8	.356	L2101512
2	1	1/8	.431	L2102012
3	1	1/8	.581	L2103012
2	1 1/2	1/8	.506	L2152012
2 1/2	1 1/2	1/8	.581	L2152512
3	2	1/8	.731	L2203012
4	2	1/8	.929	L2204012



Bronze Alloy C38500
16' Lengths

a	b	t	lb/ft	Part #
1	3/4	1/8	.814	L5100812
1 1/4	3/4	1/8	.860	L5120812
1 1/2	3/4	1/8	1.030	L5150812
1 1/2	1	1/8	1.100	L5151012
2	1	1/8	1.330	L5201012

ZEE



Aluminum Alloy 6063-T52
16' Lengths

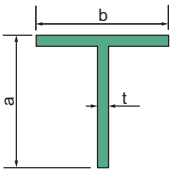
a	b	c	t	lb/ft	Part #
1/2	1/2	1/2	3/32	.148	Z205050509
3/4	3/4	3/4	1/8	.271	Z208080812
7/8	3/4	3/4	1/8	.319	Z209080812
1	1 1/8	1 1/8	1/8	.450	Z210111112

MUNTZ METAL SHEET

Alloy C28000

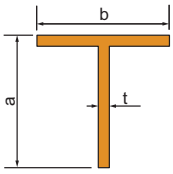
Useful in architectural applications, muntz metal is considered a color match for bronze. It is available on special order in various sizes and finishes. Contact **Wagner** regarding availability.

TEE



Aluminum Alloy 6063-T52
16' Lengths

b	a	t	lb/ft	Part #
3/4	3/4	1/8	.206	E2080812
1	1/2	3/8	.319	E2100538
1	1	1/8	.281	E2101012
1 1/2	1 1/2	1/8	.406	E2151512
2	3/4	1/8	.394	E2200812
2	2	3/16	.880	E2202019
3	3	3/16	1.289	E2303019



Bronze Alloy C38500
16' Lengths

b	a	t	lb/ft	Part #
3/4	3/4	1/8	.630	E5080812
1	1	1/8	.866	E5101012



Mike
17/17