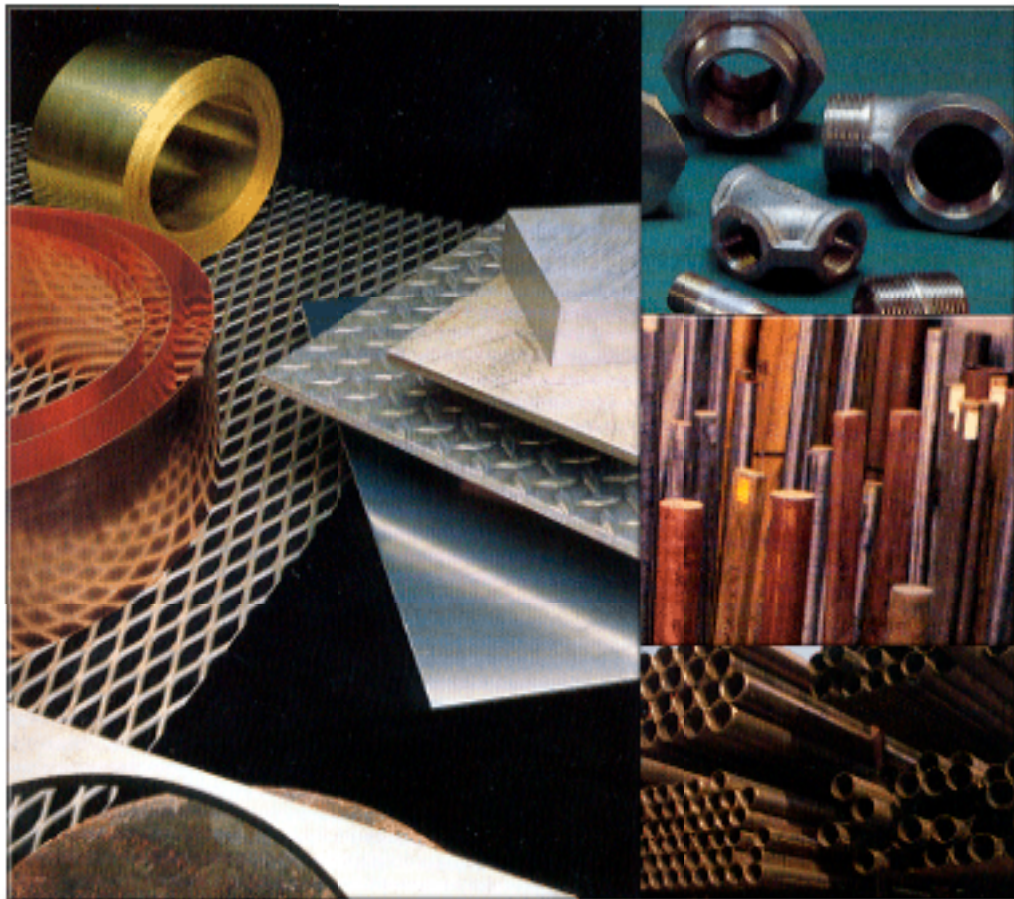


Aluminum Mill Products

***Aluminum Angle, Channel,
Pipe Fittings, Pipe, Rod, Bar,
Sheet, Plate, Coil & Tubing***

ALASKAN COPPER



ALASKAN COPPER & BRASS COMPANY

History

When Alaskan Copper Works was founded as a marine coppersmithing company in 1913, one of its major activities was forming and brazing pipe and pipe fittings made from copper, brass and bronze, primarily for use in the Pacific Northwest shipbuilding industry.

Beginning in the 1920's, many of the area's growing process industries, such as pulp and paper, which had relied on wood stave and cast iron as corrosion resistant materials for their tanks and piping, welcomed the development of a new weldable alloy, silicon bronze. This alloy had special advantages in weight, cost and corrosion resistance. Alaskan Copper Works participated in the transition to this innovative metal and in the development of the welding techniques necessary for its proper fabrication.

In the 1930's, alloys with even better corrosion resistance, such as the austenitic stainless steels, became available and quickly came into general use not only in the pulp and paper industry but also in the other process industries then beginning to develop, such as



Alaskan Copper Works yesterday

petrochemical and food processing. Again, Alaskan Copper Works participated in the application of these new, advantageous materials and in the development of the welding and fabricating procedures required to maximize their usefulness.

Over the intervening years, improvements in our manufacturing capacities have seen the standard lengths of most pipe sizes increase from 4 feet to 10 feet and then to 20 feet. Die-formed smooth-flow

elbows began to be made in small sizes and gradually advanced to include larger sizes and many radii and wall thicknesses. Other advances over the years have led to tees being made with smooth-drawn outlets, the development of many available choices in the types of stub ends for different services and our manufacturing of pipe and fittings to advanced specifications and in "exotic" alloys, including our qualification to produce fittings for the nuclear power industry.

As a result, today's customers of the Stainless Products Division of Alaskan Copper Works benefit from the accumulated experience of one of the nation's largest organizations devoted exclusively to the manufacturing of pipe and pipe fittings in stainless steels, high-nickel alloys, duplex stainless alloys, copper-nickel alloys, aluminum, titanium, zirconium, copper and other weldable corrosion resistant alloys.



Alaskan Copper Works today.

Your Source for Corrosion Resistant Alloys

Alaskan Copper & Brass Company combines the largest and most diverse inventory of alloys in the Pacific Northwest with the very latest in material processing equipment. Our goal is to continue to be a true "service center" for our customers. We provide accurate, rapid quotation services and the ability to deliver material on time, preprocessed if necessary to our customer's exact specifications.

Northwest Owned and Operated

Alaskan Copper & Brass Company has been owned and operated by the same family since 1913. In our Seattle, Portland and Canadian distribution facilities, the emphasis has always been on personal service and long term relationships with our customers. Contract terms, credit terms and special stocking programs can be negotiated locally, with people who understand the Northwest market and its customers.

State of the Art Processing Equipment

Preprocessing of customer material has become more important every year due to more exacting quality requirements in most industries. Alaskan has responded to that demand by investing heavily in new processing equipment. Minimize scrap and save inventory costs! Let Alaskan do your material processing.

Customer Service our Specialty

Our sales staff is backed up by one of the most extensive information systems in the metals industry. Each salesperson has instantaneous access to all of our over 13,000 stocking items through a touch-input computer screen. Questions regarding the status of your order can be answered immediately, without a return call. We value your time as much as you do. This catalog covers sizes, weights and specifications of material for the commercial, military, marine, waste-water, petro-chemical, pharmaceutical, beverage and power industries. Call one of our informed and experienced salespeople for the rapid quotation response you expect in these competitive times.

ALASKAN COPPER

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ALASKAN COPPER PROCESSING CAPABILITIES

Coil Processing

Aluminum, brass, copper, copper-nickel and stainless steel coil stock from .010" through $\frac{3}{8}$ " thick and up to 96" wide are levelled and cut to length on Alaskan's custom-made line.

Shearing

Precision shearing from light gauge to $\frac{3}{8}$ " thick copper alloy material, $\frac{1}{2}$ " thick stainless steel and up to $\frac{3}{4}$ " thick aluminum. Sheet or plate can be sheared in 20 foot continuous lengths using an adjustable backgauge. Plate up to 1" thick can be sheared in lengths up to 48".

Sawing

Abrasive sawing of copper alloy material and stainless steel though 4" thick to close tolerance for rectangles and squares. Metal carbide sawing of aluminum plate through 6" thick. Plate up to 96" x 168" can be sawed in full lengths. Plate up to 12 foot long can be sawed with a +/- .005" inch tolerance.

Splice Welding

Simultaneous welding from both sides by automatic gas tungsten-arc process to achieve any required sheet size from stock material. The weld procedures and welder qualifications conform to Section IX of the ASME Boiler and Pressure Vessel Code. The resulting weld has minimum distortion and minimum reinforcement to allow easy forming such as rolling. Material up to 20 feet in length may be welded together.

Plasma Burning

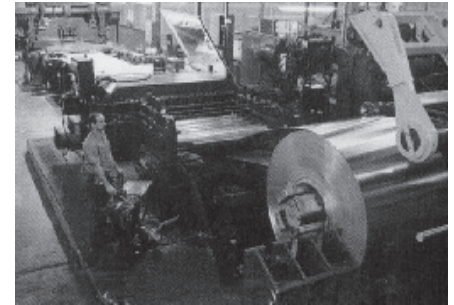
Computerized automatic plasma burning of any shape can be accomplished. All corrosion resistant alloys can be cut up to 3" thick. Up to 96" x 240" material can be accommodated. A water table is utilized to keep slag and the heat affected zone to a minimum.

Do-All Sawing

Automatic multiple cutting up to 16" by 16" bar or 16" diameter round bar, rod or tubing.

Custom Fabrication

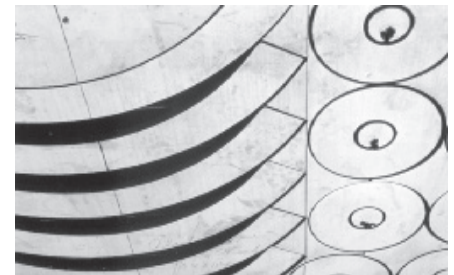
Custom fabrication of most industrial shapes can be performed by our affiliated company, ALASKAN COPPER WORKS. Work will be performed on a complete package basis including material or on a labor only basis utilizing the customer's material. The entire engineering and drafting department of ALASKAN COPPER WORKS is at your disposal, offering computerized design of heat transfer equipment, pressure vessels and tanks.



Alaskan's Cut-To-Length facility allows for efficient use of sheet and plate material.



Order the size that is needed, not just "standard" sizes.



Complex shapes are cut by computerized plasma cutting tables.



Aluminum wet pump pressure vessel used to transfer fish from a ship's hold to the dock.

Table Showing Fractions, Decimals, Centimeters & Millimeters

Fractional Inch	Decimal Inch	Centimeters	Millimeters	Millimeters	Centimeters	Decimal Inch	Fractional Inch
$\frac{1}{64}$	.0156	.0396	.3969	13.0969	1.310	.5156	$\frac{33}{64}$
$\frac{1}{32}$	.0312	.0792	.7938	13.4938	1.350	.5313	$\frac{17}{32}$
$\frac{3}{64}$	.0469	.1191	1.1906	13.8906	1.389	.5469	$\frac{35}{64}$
$\frac{1}{16}$	.0625	.1588	1.5875	14.2875	1.429	.5625	$\frac{9}{16}$
$\frac{5}{64}$	.0781	.1984	1.9844	14.6844	1.468	.5781	$\frac{37}{64}$
$\frac{3}{32}$	.0938	.2383	2.3813	15.0813	1.508	.5938	$\frac{19}{32}$
$\frac{1}{8}$	.1094	.2779	2.7781	15.4781	1.548	.6094	$\frac{39}{64}$
$\frac{9}{64}$	.125	.3175	3.1750	15.8750	1.588	.625	$\frac{5}{8}$
$\frac{5}{32}$	.1406	.3571	3.5719	16.2719	1.627	.6406	$\frac{41}{64}$
$\frac{11}{64}$	.1563	.3970	3.9688	16.6688	1.667	.6563	$\frac{21}{32}$
$\frac{3}{16}$	.1719	.4366	4.3656	17.0656	1.707	.6719	$\frac{43}{64}$
$\frac{13}{64}$	.1875	.4763	4.7625	17.4625	1.746	.6875	$\frac{11}{16}$
$\frac{7}{32}$	.2031	.5159	5.1594	17.8594	1.786	.7031	$\frac{45}{64}$
$\frac{15}{64}$	.2188	.5558	5.5563	18.2563	1.826	.7188	$\frac{23}{32}$
$\frac{1}{4}$	.2344	.5954	5.9531	18.6531	1.865	.7344	$\frac{47}{64}$
$\frac{17}{64}$	.250	.6350	6.3500	19.0500	1.905	.750	$\frac{3}{4}$
$\frac{9}{32}$	.2656	.6746	6.7469	19.4469	1.945	.7656	$\frac{49}{64}$
$\frac{19}{64}$	.2813	.7145	7.1438	19.8438	1.984	.7812	$\frac{25}{32}$
$\frac{5}{16}$	.2969	.7541	7.5406	20.2406	2.024	.7969	$\frac{51}{64}$
$\frac{21}{64}$	.3125	.7938	7.9375	20.6375	2.064	.8125	$\frac{13}{16}$
$\frac{11}{32}$	.3281	.8334	8.3344	21.0344	2.103	.8281	$\frac{53}{64}$
$\frac{23}{64}$	.3438	.8733	8.7313	21.4313	2.143	.8438	$\frac{27}{32}$
$\frac{3}{8}$	.3594	.9129	9.1281	21.8281	2.183	.8594	$\frac{55}{64}$
$\frac{25}{64}$	.375	.9525	9.5250	22.2250	2.223	.875	$\frac{7}{8}$
$\frac{13}{32}$	.3906	.9921	9.9219	22.6219	2.262	.8906	$\frac{57}{64}$
$\frac{27}{64}$	.4063	1.032	10.3188	23.0188	2.302	.9063	$\frac{29}{32}$
$\frac{7}{16}$	.4219	1.072	10.7156	23.4156	2.342	.9219	$\frac{59}{64}$
$\frac{29}{64}$	.4375	1.111	11.1125	23.8125	2.381	.9375	
$\frac{15}{32}$	.4531	1.151	11.5094	24.2094	2.421	.9531	$\frac{61}{64}$
$\frac{31}{64}$	.4688	1.191	11.9063	24.6063	2.461	.9688	$\frac{31}{32}$
$\frac{1}{2}$	.4844	1.230	12.3031	25.0031	2.500	.9844	$\frac{63}{64}$
	.500	1.270	12.7000	25.4000	2.540	1.000	1

Aluminum

A system for designating wrought aluminum and wrought aluminum alloys was established by the Aluminum Association. Specific limits for chemical compositions to which conformance is required are provided by applicable product standards.

Wrought Aluminum and Aluminum Alloy Designation System
A system of four-digit numerical designations is used to identify wrought aluminum and wrought aluminum alloys.

The first digit indicates the alloy group as follows:

Aluminum, 99.90% minimum and greater	1XXX
Aluminum alloys grouped by major alloying elements	
Copper (Cu).....	2XXX
Manganese (Mn)	3XXX
Silicon (Si)	4XXX
Magnesium (Mg)	5XXX
Magnesium & Silicon.....	6XXX
Zinc (Zn).....	7XXX
Other elements	8XXX
Unused series.....	9XXX

Basic Temper Designations

F as fabricated. Denotes metal that has been fabricated to ordered dimensions without any attempt on the part of the producer to control the results of either strain-hardening operations or thermal treatments. There are no mechanical property limits, and the strength levels may vary from lot to lot and from shipment to shipment.

O annealed. Applies to wrought products that have undergone a thermal treatment to reduce their mechanical property levels to their minimums. Often described as "dead soft" metal.

W solution heat-treated. An unstable temper applying to certain of the heat-treatable alloys that, after heat treatment, spontaneously age harden at room temperature. Only when the period of natural aging is indicated (W 1 hr for example) is this a specific and complete designation.

H strain-hardened. Applies to those wrought products which have had an increase in strength by reduction through strain-hardening, or cold working, operations. The "H" is always followed by two or more digits.

T thermally treated to produce tempers other than F, O or H. Applies to those products which have had an increase in strength due to thermal treatments, with or without supplementary strain-hardening operations. The "T" is always followed by one or more digits.

Subdivisions of Basic Tempers

Subdivision of "H" Temper-Non-heat-treatable alloys

H1 strain-hardened only. Applies to products which are strain-hardened or cold worked to obtain the desired strength level without supplementary thermal treatments. The number following this designation indicates the degree of strain-hardening.

H2 strain-hardened and partially annealed. Applies to products strain-hardened or cold worked more than the desired final amount and then reduced in strength to that desired level by partial annealing. The number following this designation indicates the degree of strain-hardening remaining after the partial annealing operation.

H3 strain-hardened and stabilized. Applies to products in the magnesium-aluminum class which will age-soften at room temperature after strain-hardening. These products are strain-hardened to the desired amount and then subjected to a low temperature thermal operation which results in a stable but slightly lower tensile strength and improved ductility. The number following this designation indicates the degree of strain-hardening remaining after the stabilization treatment.

The digit following the designation H1, H2 or H3 indicates the degree of strain-hardening as follows:

H_1 - $1/8$ hard	H_6 - $3/4$ hard
H_2 - $1/4$ hard	H_7 - $7/8$ hard
H_3 - $3/8$ hard	H_8 - full hard (Approx. 75% reduction after full anneal)
H_4 - $1/2$ hard	H_9 - extra hard (limited to certain alloys and/or product forms)
H_5 - $5/8$ hard	

Subdivisions of "T" Temper-Heat-Treatable Alloys

T1 cooled from an elevated temperature shaping process and naturally aged to a substantially stable condition. Usually associated with extruded products and limited to certain of the 6XXX series alloys.

T2 cooled from an elevated temperature shaping process, cold worked, and naturally aged to a substantially stable condition. Usually associated with cast products.

T3 solution heat-treated, cold worked, and naturally aged to a substantially stable condition. The working serves to increase the strength (T4 + cold work)

T4 solution heat-treated and naturally aged to a substantially stable condition.

T5 cooled from an elevated temperature shaping process and artificially aged. Usually associated with extruded products in certain of the 6XXX series alloys. (T1 + artificial age)

T6 solution heat-treated and artificially aged. A stable temper. (T4 + artificial age)

T7 solution heat-treated and overaged/stabilized. Applies to alloy products which are thermally over-aged after solution heat-treatment to carry them beyond the point of maximum strength to provide control of some special characteristic. A stable temper.

T8 solution heat-treated, cold worked and artificially aged. A stable temper. (T3 + artificial age)

T9 solution heat-treated, artificially aged and cold worked. A stable temper (T6 + cold work)

T10 cooled from an elevated temperature shaping process, cold worked and artificially aged. Usually associated with cast products. A stable temper (T2 + artificial age)

Aluminum Alloys

3003

About 20% higher in strength than 1100 but retaining an excellent workability rating. May show some slight discoloration when anodized, but reacts well to mechanical and organic finishings. Is easily welded and brazed, but soldering is limited to the torch method. Like 1100, tends to be gummy when machined, but will perform somewhat satisfactorily in the higher tempers with the proper set-up and maximum speeds. Typical end uses include food and chemical handling equipment, appliance components, truck-trailer roofing, heat exchangers, pipe jacketing and lawn furniture components.

5052

For many years, until the advent of 5083 and 5086, this alloy was the highest strength non-heat-treatable alloy commercially available. Although easily welded, it is not recommended for brazing and soldering applications. Excellent corrosion resistance, particularly in marine applications, and adapts to most mechanical and finishing processes although the heavier anodic films may take on a yellowish cast. Fair machining with proper set-up. Typical end uses include fuel tanks, truck-trailer side panels, small boat hulls, truck cabs, bumpers, storage tanks and pressure vessels.

5086

Has excellent corrosion resistance and weldability. Can be anodized for increased corrosion resistance, but does not lend itself to decorative applications. Not meant to be a machining alloy, but can be machined fairly well with proper applications. Because of its relatively high magnesium content, the workability rating would be only fair. Typical end uses are marine craft, containers, railroad cars, structurals and elevator cars.

6061

Very good corrosion resistance and finishability plus excellent weldability and a strength level approximating that of mild steel, this is a popular general-purpose alloy. Machinability is good and, in the annealed state, its workability carries a high rating, staying at the "good" level if heat-treated without aging. Typical end uses are aircraft landing mats, large and small marine vessels, structural architectural parts, storage tanks and highway signs.

6063

A heat-treatable alloy developed exclusively for the extrusion industry and the most important alloy in the magnesium silicide group. Its as-extruded finish is quite good making it satisfactory for many applications without any additional work. Lends itself to comparatively intricate sections making it the leading architectural extrusion alloy. Also finds use in some decorative applications, furniture tubing and ladder parts.

Aluminum Mill Products

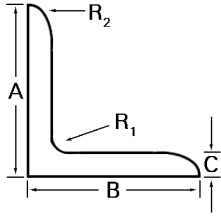
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Aluminum Angle

5086-H111 Structural Angle



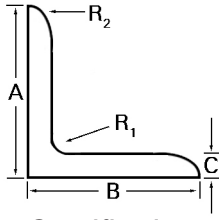
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Leg (A)	Leg (B)	Thickness (C)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
1	1	$\frac{1}{8}$	.125	.094	.274	6.850	630083
1	1	$\frac{1}{4}$	.125	.094	.500	12.500	630091
1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{8}$	.188	.125	.421	10.525	630106
1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{16}$	.188	.125	.608	15.200	630114
1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$	.188	.125	.794	19.850	630122
2	1 $\frac{1}{2}$	$\frac{3}{16}$	.188	.125	.718	17.950	631681
2	2	$\frac{1}{8}$	.250	.125	.577	14.425	630130
2	2	$\frac{3}{16}$	.250	.125	.833	20.825	630148
2	2	$\frac{1}{4}$	.250	.250	1.088	27.200	630156
2	2	$\frac{3}{8}$	.250	.125	1.558	38.950	630164
2 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$	.250	.125	1.372	34.300	630172
3	2	$\frac{3}{16}$	.312	.188	1.040	26.000	631699
3	2	$\frac{3}{8}$	.312	.250	2.005	50.125	630180
3	3	$\frac{1}{8}$	.312	.250	.834	20.850	630198
3	3	$\frac{3}{16}$	.312	.250	1.254	31.350	630203
3	3	$\frac{1}{4}$	.312	.250	1.646	41.150	630211
3	3	$\frac{3}{8}$	.312	.250	2.431	60.775	630229
4	2	$\frac{1}{4}$	.375	.250	1.690	42.250	631704
4	4	$\frac{1}{4}$	.375	.250	2.234	55.850	630237
4	4	$\frac{1}{2}$	.375	.250	4.413	110.325	630245
6	6	$\frac{1}{4}$	.500	.375	3.309	82.725	630253
6	6	$\frac{1}{2}$	.500	.375	6.619	165.475	630261

Dimensions are in inches. All weights are approximate.

Aluminum Angle

5456-H111 Structural Angle



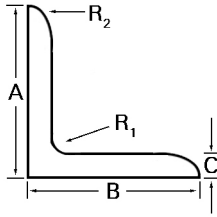
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Leg (A)	Leg (B)	Thickness (C)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
1	1	1/8	.125	.094	.280	7.000	660973
1	1	1/4	.125	.094	.510	12.750	661903
1 1/2	1 1/2	1/8	.188	.125	.430	10.750	660965
1 1/2	1 1/2	3/16	.188	.125	.620	15.500	665224
2	1 1/2	3/16	.188	.125	.730	18.250	673895
2	2	3/16	.250	.125	.850	21.250	673887
2	2	1/4	.250	.250	1.140	28.500	654485
2 1/2	2	1/4	.250		1.260	31.500	667496
2 1/2	2 1/2	1/4	.250	.125	1.400	35.000	667438
3	2	1/4			1.400	35.000	667446
3	2	3/8	.312	.250	2.050	51.250	668874
3	3	1/8	.312	.250	.834	20.850	630198
3	3	3/16	.312	.250	1.254	31.350	630203
3	3	1/4	.312	.250	1.690	42.000	667412
3	3	3/8	.312	.250	2.431	60.775	661660
3	3	1/2	.312		3.230	80.750	668882
3 1/2	3 1/2	1/4			1.680	42.000	668905
4	2	1/4	.375		1.695	42.375	668840
4	3	1/4			1.990	49.750	667454
4	3	3/8		.250	2.930	73.250	667519
4	4	1/4	.375	.250	2.280	57.000	667420
4	4	3/8			3.380	84.500	661911
4	4	1/2	.375	.250	4.503	112.575	667462
5	3	1/4			2.309	57.725	667488
5	3	3/8			3.349	83.725	667527
5	5	3/8			4.280	107.000	668866
5	5	1/2			5.580	139.500	668858
6	4	1/4			2.898	72.450	668824
6	4	3/8			4.320	108.000	667470
6	4	1/2			5.578	139.450	667501
6	6	5/8			8.352	208.800	667632

Dimensions are in inches. All weights are approximate.

Aluminum Angle

6061-T6 Structural Angle



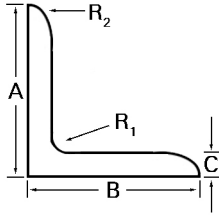
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Leg (A)	Leg (B)	Thickness (C)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
1	1	1/8	.125	.094	0.280	7.000	136364
1	1	3/16	.125	.094	0.400	10.000	136372
1	1	1/4	.125	.094	0.510	12.750	136380
1 1/4	1 1/4	1/8	.188	.125	0.350	8.750	136398
1 1/4	1 1/4	3/16	.188	.125	0.510	12.750	136403
1 1/4	1 1/4	1/4	.188	.125	0.660	16.500	136411
1 1/2	1 1/2	1/8	.188	.125	0.430	10.750	136429
1 1/2	1 1/2	3/16	.188	.125	0.620	15.500	136437
1 1/2	1 1/2	1/4	.188	.125	0.810	20.250	136445
2	1 1/2	3/16	.188	.125	0.733	18.330	564892
2	1 1/2	1/4	.188	.125	0.960	24.000	136576
2	2	1/8	.250	.125	0.589	14.725	136453
2	2	3/16	.250	.125	0.850	21.250	136461
2	2	1/4	.250	.250	1.110	27.750	136479
2	2	3/8	.250	.125	1.590	39.750	136487
2 1/2	2	1/4	.250	.125	1.260	31.500	136592
2 1/2	2 1/2	3/16	.250	.125	1.070	26.750	136495
2 1/2	2 1/2	1/4	.250	.125	1.400	35.000	136500
2 1/2	2 1/2	3/8	.250	.125	2.047	51.175	476578
3	1 1/2	3/16	.250	.188	0.971	24.275	229662
3	2	3/16	.250	.188	1.070	26.750	136607
3	2	1/4	.312	.188	1.400	35.000	136615
3	2	5/16	.312	.313	1.727	43.175	678675
3	2	3/8	.312	.250	2.046	51.150	507866
3	3	3/16	.312	.250	1.280	32.000	136518
3	3	1/4	.312	.250	1.680	42.000	136526
3	3	3/8	.312	.250	2.470	61.750	136634
3	3	1/2	.312	.250	3.293	82.325	429660
3 1/2	3 1/2	1/4	.375	.250	1.987	49.675	496293
3 1/2	3 1/2	3/8	.375	.250	2.928	73.200	487341
4	2	1/4	.375	.250	1.730	43.250	404872
4	3	1/4	.375	.250	1.990	49.750	136631
4	2 1/2	1/4	.375	.250	1.843	46.075	678667
4	3	3/8	.375	.250	2.930	73.250	136649
4	4	1/4	.375	.250	2.280	57.000	136542
4	4	3/8	.375	.250	3.380	84.500	136835
4	4	1/2	.375	.250	4.503	112.575	413813
5	3	1/4	.250	.250	2.309	57.725	510754
5	3	3/8	.375	.312	3.349	83.725	406337
5	5	3/8	.500	.375	4.234	105.850	509575
5	3	1/2	.375	.312	4.396	109.900	421230

Dimensions are in inches. All weights are approximate.

Aluminum Angle

6061-T6 Structural Angle (continued)



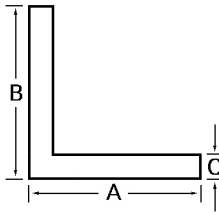
■ Specifications: ASTM B 221

■ Stocked in 25 foot lengths

Leg (A)	Leg (B)	Thickness (C)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
6	4	$\frac{3}{8}$	.500	.375	4.320	108.000	136657
6	4	$\frac{1}{2}$	.500	.375	5.578	139.450	552578
6	6	$\frac{3}{8}$	.500	.375	5.119	127.975	509096
6	6	$\frac{1}{2}$	.500	.375	6.754	168.850	420501
6	6	$\frac{3}{4}$	.750	.375	9.915	247.875	665038
8	8	$\frac{1}{2}$	.500	.375	9.141	228.525	599295

Dimensions are in inches. All weights are approximate.

6063-T52 Sharp Corner Architectural Angle



■ Specifications: ASTM B 221

■ Stocked in 16 foot lengths

Leg (A)	Leg (B)	Thickness (C)	Lbs Ft	Lbs/Length	Part Number
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	.131	2.096	466696
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	.131	2.620 *	587175
$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{8}$	.206	3.296	136681
1	$\frac{3}{4}$	$\frac{1}{8}$	.244	3.904	544533
1	1	$\frac{1}{8}$	.280	4.480	241169
$1 \frac{1}{4}$	$1 \frac{1}{4}$	$\frac{1}{8}$	.356	5.696	466701
$1 \frac{1}{2}$	1	$\frac{1}{8}$	.356	5.696	108086
$1 \frac{1}{2}$	$1 \frac{1}{2}$	$\frac{1}{16}$	.218	3.488	670538
$1 \frac{1}{2}$	$1 \frac{1}{2}$	$\frac{1}{8}$	.431	6.896	108109
$1 \frac{1}{2}$	$1 \frac{1}{2}$	$\frac{3}{16}$	.622	9.952	624545
2	1	$\frac{1}{8}$	.431	10.775 **	136699
2	$1 \frac{1}{2}$	$\frac{1}{8}$	.496	12.400	592887
2	2	$\frac{1}{8}$	.581	9.296	229743
2	2	$\frac{3}{16}$	.860	13.760	636958
2	2	$\frac{1}{4}$	1.092	17.472	497516
3	1	$\frac{1}{8}$	.570	9.120	551904
3	3	$\frac{1}{4}$	1.726	27.616	636398

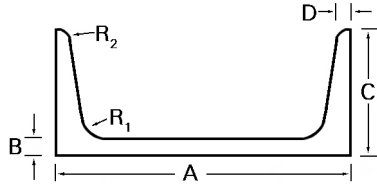
Dimensions are in inches. All weights are approximate.

* 20 Ft lengths

** 25 Ft lengths

Aluminum Channel

5086-H111 American Standard Channel

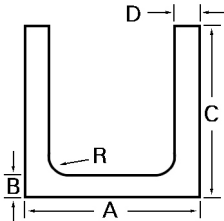


- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Size (A)	Web (B)	Flange (C)	Thickness (D)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
3	.250	2.000	.170	.270	.100	1.417	56.000	669626
3*	.258	1.498	.170	.270	.100	1.730	34.600	670203
4	.180	1.580	.180	.280	.110	1.846	46.150	671615
5*	.190	1.750	.190	.290	.110	2.316	46.320	719895
5	.190	1.750	.190	.290	.110	2.316	46.320	658659
10	.240	2.600	.240	.340	.140	5.280	105.600	753425
12	.300	2.960	.280	.380	.170	7.250	181.500	688971

*Stocked in 20 ft lengths
Dimensions are in inches. All weights are approximate.

5086-H111 Aluminum Association Channel



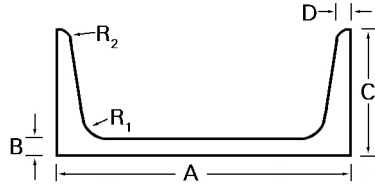
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Size (A)	Web (B)	Flange (C)	Thickness (D)	Radius (R)	Lbs Ft	Lbs/Length	Part Number
2	.130	1.000	.130	.100	0.577	14.225	659760
2	.188	1.500	.188	.188	1.032	20.640	751944
4	.190	1.750	.290	.250	2.331	46.000	719900
6*	.170	2.500	.290	.300	2.834	70.320	719918
7	.170	2.750	.290	.300	3.210	80.500	716960
7	.210	3.500	.380	.310	4.715	117.875	717356
8	.190	3.000	.350	.300	4.147	103.675	716952

*Stocked in 20 ft lengths
Dimensions are in inches. All weights are approximate.

Aluminum Channel

6061-T6 American Standard Channel



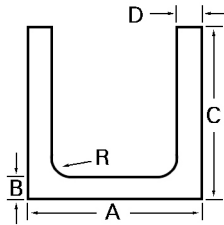
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Size (A)	Web (B)	Flange (C)	Thickness (D)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/Length	Part Number
3	.170	1.410	.170	.270	.100	1.417	35.425	136908
3	.258	1.500	.170	.270	.100	1.729	43.225	136916
3	.356	1.600	.170	.270	.100	2.074	51.850	466816
4	.180	1.580	.180	.280	.110	1.846	46.150	136924
4	.247	1.650	.180	.280	.110	2.161	54.025	136932
4	.320	1.720	.180	.280	.110	2.504	62.600	466824
5	.190	1.750	.190	.290	.110	2.316	57.900	435946
5	.325	1.885	.190	.290	.110	3.108	77.700	681385
5	.472	2.030	.190	.290	.110	3.975	99.375	421222
6	.225	1.950	.200	.300	.120	3.002	75.050	136958
6	.314	2.030	.190	.300	.120	3.631	90.775	136966
6	.438	2.160	.200	.300	.120	4.498	112.450	584931
7	.230	2.110	.210	.310	.130	3.541	88.525	575398
7	.314	2.190	.210	.310	.130	4.232	105.800	545246
7	.419	2.299	.210	.310	.130	5.097	127.425	776067
8	.250	2.290	.220	.320	.130	4.252	106.300	286892
8	.303	2.340	.220	.320	.130	4.751	118.775	584949
8	.487	2.530	.220	.320	.130	6.484	162.100	510966
10	.240	2.600	.240	.340	.140	5.278	131.950	545220
12	.300	2.960	.280	.380	.170	7.415	185.375	502719
12	.387	3.050	.280	.380	.170	8.639	215.980	503862
12	.510	3.170	.280	.380	.170	10.374	259.350	498342
12	.632	3.292	.280	.380	.170	12.101	236.978	727602
15	.400	3.400	.400	.500	.240	11.708	292.700	653756
15	.716	3.716	.400	.500	.240	17.282	432.050	662103

Dimensions are in inches. All weights are approximate.

Aluminum Channel

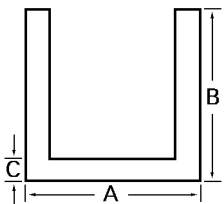
6061-T6 Aluminum Association Channel



- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Size (A)	Web (B)	Flange (C)	Thickness (D)	Radius (R)	Lbs Ft	Lbs/ Length	Part Number
2	.130	1.000	.130	.100	0.577	14.425	562604
2	.170	1.250	.260	.150	1.071	26.775	229751
3	.130	1.500	.200	.250	1.135	28.375	422333
3	.170	1.750	.260	.250	1.597	39.925	286884
4	.150	2.000	.230	.250	1.738	43.450	405373
4	.190	2.250	.290	.250	2.331	58.275	466832
5	.150	2.250	.260	.300	2.212	55.300	421337
5	.190	2.750	.320	.300	3.089	77.225	421329
6	.170	2.500	.280	.300	2.834	70.850	443795
6	.210	3.250	.350	.300	4.030	100.750	299803
7	.210	3.500	.380	.310	4.715	117.875	515128
8	.190	3.000	.350	.300	4.147	103.675	412867
8	.250	3.750	.410	.350	5.789	144.725	484864
9	.230	3.250	.350	.350	4.983	124.575	509088
10	.250	3.500	.410	.350	6.136	153.400	412859
10	.310	4.250	.500	.400	8.360	209.000	509070
12	.290	4.000	.470	.400	8.274	206.850	551718
12	.350	5.000	.620	.450	11.822	295.550	461840

6063 -T52 Sharp Corner Architectural Channel



- Specifications: ASTM B 221
- Stocked in 16 foot lengths

Size (A)	Web (C)	Flange (B)	Lbs/Ft	Lbs/Length	Part Number
$\frac{3}{4}$	.125	$\frac{3}{4}$	0.300	4.800	453863
1	.125	1	0.413	6.608	136704
1 $\frac{1}{4}$	.125	1 $\frac{1}{4}$	0.526	8.416	136712
1 $\frac{1}{2}$	.125	1	0.487	7.792	502662
1 $\frac{1}{2}$	.125	1 $\frac{1}{2}$	0.637	10.192	465860
1 $\frac{3}{4}$	.125	1	0.510	8.160	615716
2	.125	1	0.564	9.024	581111
2 $\frac{1}{2}$	.125	1 $\frac{1}{2}$	0.787	12.592	552188
2	.125	2	0.863	17.260 *	136720
2	.250	2	1.670	36.740 **	136738
3	.125	1	0.718	11.488	229769

* 20 ft. Length.

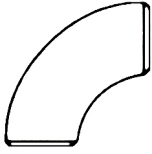
**22 ft. Length.

Dimensions are in inches. All weights are approximate.

Aluminum Pipe Fittings

6061-T6 Fittings

- An assortment of threaded, socket welding and buttweld fittings are available upon request. Please inquire.

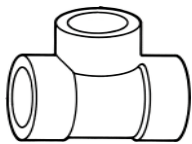


Long Radius 90° Butt Weld Elbow Schedule 40

Nominal Pipe Size	Outside Diameter	Wall	Lbs/Ea	Part Number
1/2	0.840	.100	0.060	173227
3/4	1.050	.113	0.066	173243
1	1.315	.133	0.132	173269
1 1/4	1.660	.140	0.198	173285
1 1/2	1.900	.145	0.330	173308
2	2.375	.154	0.560	173324
2 1/2	2.875	.203	1.089	173340
3	3.500	.216	1.750	173366
3 1/2	4.000	.226	2.210	419217
4	4.500	.237	3.300	173382

Schedule 80

Nominal Pipe Size	Outside Diameter	Wall	Lbs/Ea	Part Number
1/2	0.840	.147	0.076	674702
3/4	1.050	.154	0.083	674710
1	1.315	.179	0.158	674728
1 1/4	1.660	.191	0.290	674736
1 1/2	1.900	.200	0.373	674744
2	2.375	.218	0.660	674752
2 1/2	2.875	.276	1.320	674760
3	3.500	.300	2.165	674778
3 1/2	4.000	.318	2.900	674786
4	4.500	.337	4.498	674794



Butt Weld Tee Schedule 40

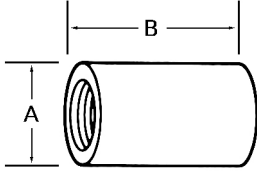
Nominal Pipe Size	Outside Diameter	Wall	Lbs/Ea	Part Number
1	1.315	.133	0.260	564177
1 1/2	1.900	.145	0.680	564185
2	2.375	.154	1.040	564193
3	3.500	.216	2.470	564208

Dimensions are in inches. All weights are approximate.

Aluminum Pipe Fittings

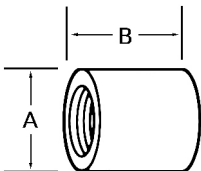
6061-T6 Fittings

- An assortment of threaded, socket welding and butt weld fittings are available upon request. Please inquire.



Threaded Full Couplings

Nominal Pipe Size	A	B	Sch 40 Lbs/Ea	Sch 80 Lbs/Ea	Sch 40 Part Number	Sch 80 Part Number
$\frac{1}{8}$	$\frac{19}{32}$	$\frac{15}{16}$	0.020		253441	
$\frac{1}{4}$	$\frac{3}{4}$	$1 \frac{1}{32}$	0.025		171314	
$\frac{3}{8}$	$\frac{29}{32}$	$1 \frac{5}{32}$	0.035		171330	
$\frac{1}{2}$	$1 \frac{1}{16}$	$1 \frac{5}{16}$	0.060	0.250	171356	402511
$\frac{3}{4}$	$1 \frac{11}{32}$	$1 \frac{9}{16}$	0.100	0.410	171372	402529
1	$1 \frac{5}{8}$	$1 \frac{13}{16}$	0.135	0.480	171398	402537
$1 \frac{1}{4}$	$1 \frac{31}{32}$	$2 \frac{1}{16}$	0.230	0.880	171411	512552
$1 \frac{1}{2}$	$2 \frac{15}{64}$	$2 \frac{5}{16}$	0.310	0.970	171437	405585
2	$2 \frac{23}{32}$	$2 \frac{9}{16}$	0.500	1.530	171453	405593
$2 \frac{1}{2}$	$3 \frac{5}{16}$	$2 \frac{7}{8}$	0.730	2.110	171518	512560
3	$3 \frac{15}{16}$	$3 \frac{1}{16}$	1.015	2.030	171479	408892
4	$4 \frac{15}{16}$	$3 \frac{7}{16}$	2.040		171495	



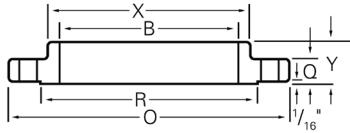
Threaded Half Couplings

Nominal Pipe Size	A	B	Lbs/Ea	Sch 40 Part Number
$\frac{1}{8}$	$\frac{19}{32}$	$\frac{15}{16}$	.013	460593
$\frac{1}{4}$	$\frac{3}{4}$	$1 \frac{1}{32}$	.013	241224
$\frac{3}{4}$	$1 \frac{11}{32}$	$1 \frac{9}{16}$	.050	241193
1	$1 \frac{5}{8}$	$1 \frac{13}{16}$	.068	241185
$1 \frac{1}{4}$	$1 \frac{31}{32}$	$2 \frac{1}{16}$	.115	266397
$1 \frac{1}{2}$	$2 \frac{15}{64}$	$2 \frac{5}{16}$	.125	561690
2	$2 \frac{23}{32}$	$2 \frac{9}{16}$	.230	502701

Aluminum Flanges

6061-T6 Aluminum Raised Face Slip-On Flanges

- Class 150 ANSI B16.5

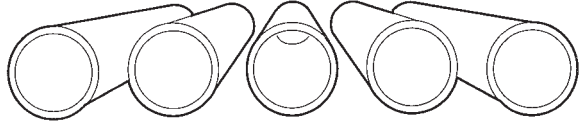


Nominal Pipe Size	O	Q	R	X	Bolt Holes	Bolt Circle	B	Y	Weight	Part Number
1	4 1/4	9/16	2	1 15/16	4 - 5/8	3 1/8	1.36	1 1/16	.66	694956
1 1/2	5	11/16	2 7/8	2 9/16	4 - 5/8	3 7/8	1.95	7/8	.99	694972
2	6	3/4	3 5/8	3 1/16	4 - 3/4	4 3/4	2.44	1	1.65	694964
2 1/2	7	7/8	4 1/8	3 9/16	4 - 3/4	5 1/2	2.94	1 1/8	2.65	694998
3	7 1/2	15/16	5	4 1/4	4 - 3/4	6	3.57	1 3/16	2.97	695009
4	9	15/16	6 3/16	5 5/16	8 - 3/4	7 1/2	4.57	1 5/16	4.29	695017
6	11	1	8 1/2	7 9/16	8 - 7/8	9 1/2	6.72	1 9/16	5.61	695025
8	13 1/2	1 1/8	10 5/8	9 11/16	8 - 7/8	11 3/4	8.72	1 3/4	9.24	695033
10	16	1 3/16	12 3/4	12	12 - 1	14 1/4	10.88	1 15/16	13.20	695041
12	19	1 1/4	15	14 3/4	12 - 1	17	12.88	2 3/16	20.13	695059

Dimensions are in inches. All weights are approximate.

Aluminum Pipe

6061-T6 Schedule 40 & 80 Extruded Structural Pipe



6061 - T6 Schedule 40

- Specifications: ASTM B 221
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{3}{8}$	0.675	.090	.154	3.080	630295
$\frac{1}{2}$	0.840	.109	.294	5.880	135978
$\frac{3}{4}$	1.050	.113	.391	7.820	135986
1	1.315	.133	.581	11.620	135994
1 $\frac{1}{4}$	1.660	.140	.786	15.720	136005
1 $\frac{1}{2}$	1.900	.145	.940	18.800	136013
2	2.375	.154	1.264	25.280	130601
2 $\frac{1}{2}$	2.875	.203	2.000	40.000	136021
3	3.500	.216	2.620	52.400	136039
3 $\frac{1}{2}$	4.000	.226	3.150	63.000	136047
4	4.500	.237	3.730	74.600	136055
5	5.563	.258	5.050	101.000	420860
6	6.625	.280	6.556	131.120	259756
8	8.625	.322	10.079	201.580	421735
10	10.750	.365	14.004	280.080	588016
12	12.750	.406	18.516	370.320	512188

6061 - T6 Schedule 80

- Specifications: ASTM B 221
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{1}{2}$	.840	.147	.384	7.680	584290
$\frac{3}{4}$	1.050	.154	.520	10.400	419063
1	1.315	.179	.751	15.020	268064
1 $\frac{1}{4}$	1.660	.191	1.037	20.740	405488
1 $\frac{1}{2}$	1.900	.200	1.256	25.120	268072
2	2.375	.218	1.737	34.740	136330
2 $\frac{1}{2}$	2.875	.276	2.650	53.000	496895
3	3.500	.300	3.547	70.940	588040
3 $\frac{1}{2}$	4.000	.318	4.325	86.500	582549
4	4.500	.337	5.183	103.660	420349
5	5.563	.375	7.188	143.760	421094
6	6.625	.432	9.884	197.680	558435
8	8.625	.500	15.009	300.180	560458
10	10.750	.593	23.550	471.000	622137
12	12.750	.687	33.010	660.200	665606

Dimensions are in inches. All weights are approximate.

Aluminum Pipe

6063-T52 Schedule 40 & 80 Extruded Structural Pipe



6063-T52 Schedule 40

- Specifications: ASTM B 221
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
1/2	.840	.109	.294	5.880	136110
3/4	1.050	.113	.391	7.820	136128
1	1.315	.133	.581	11.620	136136
1 1/4	1.660	.140	.786	15.720	136144
1 1/2	1.900	.145	.940	18.800	136152
2	2.375	.154	1.264	25.280	136160
2 1/2	2.875	.203	2.000	40.000	136178
3	3.500	.216	2.620	52.400	136186
3 1/2	4.000	.226	3.150	63.000	136194
4	4.500	.237	3.730	74.600	136209
6	6.625	.280	6.556	131.120	421109
8	8.625	.322	9.867	197.340	421117
10	10.750	.365	14.004	280.080	468541

6063-T52 Schedule 80

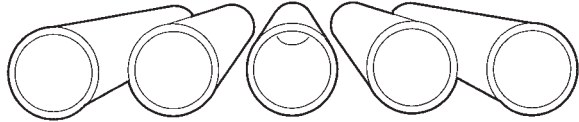
- Specifications: ASTM B 221
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
1/2	0.840	.147	.384	7.680	596182
3/4	1.050	.154	.520	10.440	637514
1	1.315	.179	.751	15.020	136275
1 1/2	1.900	.200	1.256	25.120	136283
2	2.375	.218	1.737	34.740	136291
2 1/2	2.875	.276	2.650	53.000	136306
3	3.500	.300	3.547	70.940	420797
4	4.500	.337	5.183	103.660	670287
6	6.625	.432	9.884	197.680	421086

Dimensions are in inches. All weights are approximate.

Aluminum Pipe

5086-H32 Schedule 40 & 80 Drawn Seamless Pipe



5086-H32 Schedule 40

- Specifications: WW-T-700/5
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{3}{8}$	0.675	.090	.151	3.020	512340
$\frac{1}{2}$	0.840	.109	.294	5.880	511920
$\frac{3}{4}$	1.050	.113	.391	7.820	511938
1	1.315	.133	.581	11.620	511946
1 $\frac{1}{4}$	1.660	.140	.786	15.720	511954
1 $\frac{1}{2}$	1.900	.145	.940	18.800	511962
2	2.375	.154	1.264	25.280	511970
2 $\frac{1}{2}$	2.875	.203	2.000	40.000	511988
3	3.500	.216	2.620	52.400	511996
3 $\frac{1}{2}$	4.000	.226	3.150	63.000	572510
4	4.500	.237	3.730	74.600	512007
5	5.563	.258	5.050	101.000	545092
6	6.625	.280	6.556	131.120	572528
8	8.625	.322	10.079	201.580	585474
10	10.750	.365	14.004	280.080	639524
12*	12.750	.406	18.516	222.192	639540

5086-H32 Schedule 80

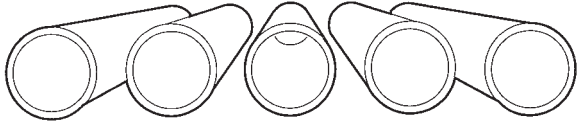
- Specifications: WW-T-700/5
- Stocked in 20 foot lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{1}{2}$	0.840	.147	.384	7.68	651851
$\frac{3}{4}$	1.050	.154	.520	10.400	631186
1	1.315	.179	.751	15.020	512015
1 $\frac{1}{4}$	1.660	.191	1.037	20.740	512023
1 $\frac{1}{2}$	1.900	.200	1.256	25.120	512031
2	2.375	.218	1.737	34.740	512049
2 $\frac{1}{2}$	2.875	.276	2.650	53.000	545432
3	3.500	.300	3.543	70.860	512358
3 $\frac{1}{2}$	4.000	.318	4.325	96.500	585490
4	4.500	.337	5.183	103.660	545084
5	5.563	.375	7.188	143.760	545440
6	6.625	.432	9.884	197.680	572536
8	8.625	.500	15.009	300.180	585482
10*	10.750	.593	22.252	267.024	639532

*Stocked in 12 ft lengths.
Dimensions are in inches. All weights are approximate.

Aluminum Pipe

6061-T6 Schedule 40 & 80 Extruded Seamless Pipe



6061-T6 Schedule 40

- Specifications: ASTM B 241
- Stocked in 20 foot 1" lengths

Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{3}{4}$	1.05	.113	.391	7.853	665282
1	1.315	.133	.581	11.668	665290
1 $\frac{1}{4}$	1.66	.140	.786	15.786	665305
1 $\frac{1}{2}$	1.90	.145	.940	18.878	665313
2	2.375	.154	1.264	25.385	665321
2 $\frac{1}{2}$	2.875	.203	2.000	40.167	665339
3	3.500	.216	2.620	52.618	665347
4	4.500	.237	3.730	74.911	665355
8	8.630	.322	10.079	202.420	665583
10	10.750	.365	14.004	281.247	618463

6061-T6 Schedule 80

- Specifications: ASTM B 241
- Stocked in 20 foot 1" lengths

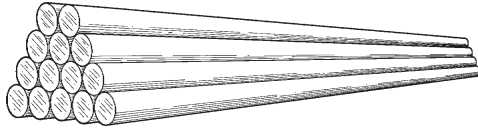
Nominal Pipe Size	Outside Diameter	Wall	Lbs Ft	Lbs/Length	Part Number
$\frac{3}{4}$	1.05	.154	.520	10.443	665363
1	1.315	.154	.751	15.083	665371
1 $\frac{1}{4}$	1.660	.191	1.037	20.826	665389
1 $\frac{1}{2}$	1.900	.200	1.256	25.225	665397
2	2.375	.218	1.737	34.885	665402
2 $\frac{1}{2}$	2.875	.276	2.650	53.221	665410
3	3.500	.300	3.547	71.236	665428
4	4.500	.337	5.183	104.092	665436
8	8.630	.500	15.009	301.431	665583
12	12.750	.687	33.010	662.940	665606

*Stocked in 12 ft lengths.

Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

5086-H111 Round Rod

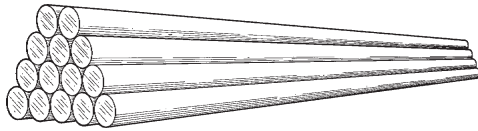


- Specifications: ASTM B 221
- Stocked in 14 foot lengths

Size	Lbs/Ft	Lbs/Length	Part Number
$\frac{3}{8}$	.130	1.82	636089
$\frac{1}{2}$	.226	2.76	629977
$\frac{3}{4}$	.508	7.112	629985
1	.904	12.656	629993
1 $\frac{1}{2}$	2.034	28.462	630009
2	3.617	50.568	630017
2 $\frac{1}{2}$	5.652	79.030	630025
3	8.138	113.876	630033
3 $\frac{1}{2}$	11.077	158.466	630041
4	14.469	202.776	630059
5	22.648	323.246	630067
6	32.555	455.504	630075
9	73.287	879.444	675986
11	109.320	1313.040	645012

Dimensions are in inches. All weights are approximate.

5456-H111 Round Rod



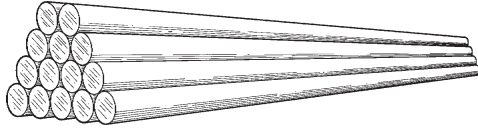
- Specifications: ASTM B 221
- Stocked in 12 foot lengths

Size	Lbs/Ft	Lbs/Length	Part Number
$\frac{1}{2}$	.230	2.760	673544
$\frac{5}{8}$	.361	4.332	669595
$\frac{3}{4}$	.520	6.240	673552
1 $\frac{1}{4}$	1.443	17.316	673560
1 $\frac{1}{2}$	2.078	24.936	673578

Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

6061-T6/T6511 Round Rod



- Specifications: ASTM B 221
- Stocked in 12 foot lengths

Size	Lbs/Ft	Lbs/Length	Part Number
1/4	.058	.700	173926
5/16	.090	1.085	411772
3/8	.130	1.560	135334
1/2	.230	2.760	400462
5/8	.360	4.320	135350
3/4	.518	6.216	135368
7/8	.706	8.472	135376
1	.922	11.064	135384
1 1/8	1.169	14.028	497215
1 1/4	1.430	17.160	135392
1 3/8	1.746	20.952	476811
1 1/2	2.074	24.888	135407
1 5/8	2.439	29.268	472841
1 3/4	2.830	33.960	266363
1 7/8	3.247	38.964	502450
2	3.686	44.232	135415
2 1/4	4.771	57.252	445755
2 3/8	5.210	62.520	473635
2 7/16	4.490	65.880	509583
2 1/2	5.760	69.120	135423
2 5/8	6.365	76.380	467511
2 3/4	6.985	83.820	467529
3	8.300	99.600	135431
3 1/4	9.756	117.072	467537
3 3/8	10.520	126.240	504931
3 1/2	11.550	138.600	135449

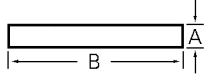
Size	Lbs/Ft	Lbs/Length	Part Number
3 3/4	12.989	155.868	489173
4	14.780	177.436	135457
4 1/4	17.023	204.280	545335
4 1/2	18.690	224.280	266371
4 3/4	20.840	250.080	582353
5	23.560	282.720	135465
5 1/4	25.458	305.496	461997
5 1/2	27.920	335.040	417215
5 3/4	30.600	367.200	135481
6	33.200	398.400	135499
6 1/4	36.079	432.948	485080
6 1/2	39.000	468.000	418774
7	46.160	553.920	419259
7 1/2	53.000	636.000	135504
8	60.230	722.760	135512
8 1/2	66.700	800.400	416853
9	74.780	897.360	416861
9 1/2	83.357	1000.284	513362
10	92.320	1107.840	416879*
10 1/8	94.640	1135.680	467090
10 1/2	101.796	916.164	416887*
11	111.700	1340.400	416895*
12	132.936	1329.360	416900*
14	180.939	1085.630	476594*
16	263.330	1417.980	631178*
20	369.264	2400.216	635596*

Dimensions are in inches. All weights are approximate.

* Random Length

Aluminum Rod & Bar

5086 - H111 Rectangular Bar



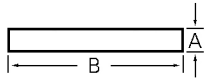
- Specifications: ASTM B 221
- Stocked in 20 foot lengths, Sharp Corners

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
$\frac{1}{8}$	1	.144	2.880	659045
	2	.288	5.760	659053
$\frac{3}{16}$	1	.218	4.360	643638
	1 $\frac{1}{2}$	.328	6.560	635635
	2	.437	8.740	635643
	2 $\frac{1}{2}$	.547	10.940	670457
$\frac{1}{4}$	3	.656	13.120	635651
	1	.288	5.760	635669
	1 $\frac{1}{2}$	.432	8.640	635677
	1 $\frac{3}{4}$	.504	6.048	672637*
	2	.576	11.520	635685
	2 $\frac{1}{2}$	.720	14.400	635693
	3	.864	17.280	635708
$\frac{3}{8}$	3 $\frac{1}{2}$	1.008	20.160	635716
	4	1.152	23.040	635724
	6	1.728	34.560	635732

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
$\frac{3}{8}$	1 $\frac{1}{2}$	.648	12.960	670465
	2	.864	17.280	635740
	3	1.296	28.920	635758
	4	1.760	35.200	667551
$\frac{1}{2}$	6	2.590	51.800	638510
	1	.580	11.600	638552
	2	1.150	23.000	638560
	3	1.730	34.600	638578
	4	2.300	46.000	638586
	5	2.880	57.600	670431
$\frac{5}{8}$	6	3.460	69.200	638594
	1 $\frac{1}{2}$	1.080	21.600	638536
$\frac{3}{4}$	1 $\frac{1}{4}$	1.080	21.600	638926
	2	2.304	57.600	670407

* Stocked in 12 FT lengths
Dimensions are in inches. All weights are approximate.

5456 - H111 Rectangular Bar



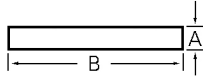
- Specifications: ASTM B 221
- Stocked in 12 and 20 foot lengths, Sharp Corners

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
$\frac{1}{8}$	1	.144	1.728	678120
$\frac{3}{16}$	1 $\frac{1}{2}$	.328	6.560	666856*
	2	.440	8.800	673900*
$\frac{1}{4}$	2	.588	7.056	667315
	2	.588	11.760	654524*
$\frac{1}{4}$	3	.864	10.368	654752
	4	1.170	23.400	667640*
$\frac{1}{4}$	6	1.728	34.560	668997*
	3	1.080	21.600	666864*
$\frac{3}{8}$	3	1.296	15.552	654760
	4	1.760	35.200	667543*
$\frac{1}{2}$	3	1.764	21.168	668913
	2	1.470	17.640	670083

*Stocked in 20 FT lengths
Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

6061 - T6511 Rectangular Bar



- Specifications: ASTM B 221
- Stocked in 12 foot lengths, sharp corners

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
$1/8$	$3/4$	0.110	1.320	262123
	1	0.147	1.764	135538
	$1 1/4$	0.187	2.244	135546
	$1 1/2$	0.220	2.640	130473
	2	0.294	3.528	135554
	3	0.450	5.400	435035
	4	0.600	7.200	435043
$3/16$	$3/4$	0.168	2.020	507670
	1	0.220	2.640	135562
	$1 1/4$	0.282	3.384	431324
	$1 1/2$	0.330	3.960	135570
	2	0.441	5.292	135588
	$2 1/2$	0.560	6.720	431332
	3	0.661	7.932	135596
	4	0.902	10.824	496976
$1/4$	$1/2$	0.150	1.800	452215
	$3/4$	0.221	2.652	466387
	1	0.294	3.528	135601
	$1 1/4$	0.367	4.404	135619
	$1 1/2$	0.441	5.292	135627
	2	0.587	7.044	135635
	$2 1/4$	0.662	7.944	605907
	$2 1/2$	0.735	8.820	286907
	3	0.881	10.572	135643
	$3 1/2$	1.029	12.348	464199
	4	1.170	14.040	135651
	5	1.470	17.640	468135
	6	1.764	21.168	135669
	10	2.940	35.280	677742
$5/16$	1	0.367	4.404	725294
	2	0.734	8.808	612742
	3	1.101	13.212	597536
	4	1.468	17.616	597544
$3/8$	$1/2$	0.221	2.652	466395
	$3/4$	0.330	3.960	466400
	1	0.441	5.292	135677
	$1 1/4$	0.563	6.756	431340
	$1 1/2$	0.661	7.932	135685
	2	0.881	10.572	135693
	$2 1/2$	1.100	13.200	135708
	3	1.320	15.840	135716
	4	1.760	21.120	135732
	5	2.205	26.460	402367
	6	2.646	31.750	255134

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
$3/8$	10	4.410	52.920	634948
$1/2$	$3/4$	0.449	5.388	421816
	1	0.590	7.080	135740
	$1 1/4$	0.749	8.988	431358
	$1 1/2$	0.880	10.560	135758
	$1 3/4$	1.029	12.348	431366
	2	1.170	14.040	135766
	$2 1/2$	1.470	17.640	135774
	3	1.760	21.120	135782
	$3 1/2$	2.060	24.720	288810
	$3 3/4$	2.205	26.460	705888
	4	2.350	28.200	135790
	5	2.998	35.976	435378
	6	3.530	42.360	135805
	8	4.704	56.448	555495
	10	5.880	70.560	688997
	12	7.056	84.672	689008
$5/8$	1	0.749	8.988	431374
	$1 1/2$	1.103	13.236	490360
	2	1.500	18.000	431382
	$2 1/2$	1.870	22.440	135813
	3	2.250	27.000	657768
	$3 1/2$	2.573	30.876	642860
	4	2.940	35.280	642878
	12	8.820	105.840	631445
$3/4$	1	.882	10.584	417401
	$1 1/4$	1.126	13.512	449660
	$1 1/2$	1.323	15.876	417419
	2	1.760	21.120	135821
	$2 1/2$	2.200	26.400	135839
	3	2.650	31.800	135847
	$3 1/2$	3.087	37.044	705862
	4	3.600	43.200	135855
	5	4.410	52.920	505000
	6	5.292	63.500	255142
	8	7.056	84.672	555500
	10	8.820	105.840	494314
	12	10.584	127.008	621929
1	$1 1/4$	1.470	17.640	277550
	$1 1/2$	1.799	21.588	130449
	2	2.399	26.788	235249
	$2 1/2$	3.000	36.000	256384
	3	3.530	42.360	404173
	4	4.700	56.400	405917

Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

6061 - T6511 Rectangular Bar (continued)

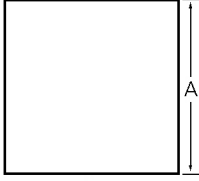
Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
1	5	5.880	70.560	294780
	6	7.060	84.720	135863
	7	8.232	98.789	622705
	8	9.600	155.200	510762
	10	11.760	141.120	619972
	12	14.112	169.340	509672
1 1/4	1 1/2	2.205	26.460	486094
	1 3/4	2.573	30.876	705870
	2	3.000	36.000	256342
1 1/4	2 1/2	3.675	44.100	476154
	3	4.500	54.000	431390
	4	6.000	72.000	431405
	6	8.820	105.840	512489
1 1/2	2	3.599	43.188	431413
	2 1/2	4.410	52.920	463876
1 1/2	3	5.400	64.800	431421
	4	7.200	86.400	431439
	5	8.820	105.840	588723
	6	10.800	129.600	431447
	7	12.348	148.176	630986

Thickness (A)	Width (B)	Lbs/Ft	Lbs/Length	Part Number
1 3/4	2	4.120	49.440	690449
	3	6.174	74.090	505165
2	2 1/2	5.880	70.560	487066
	3	7.199	86.388	431455
	4	9.600	115.200	431463
	5	11.760	141.120	552049
	6	14.400	172.800	431471
	8	18.816	225.792	731813
2 1/2	4	11.760	141.120	468533
	5	14.700	176.400	462799
	6	17.640	211.680	468745
3	4	14.399	172.788	445640
	5	17.999	215.988	445658
	6	21.168	254.016	445666
3 1/2	5	20.580	246.960	552015
	5 1/2	22.638	271.656	552023
	6	24.690	296.400	552031
4	5	23.520	282.200	563422
	6	28.220	338.700	495352

Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

5086 - H111 Square Bar

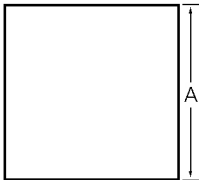


- Specifications: ASTM B 221
- Stocked in 14 foot lengths

Thickness (A)	Lbs/Ft	Lbs/Length	Part Number
$\frac{1}{2}$	0.294	4.032	638748
$\frac{3}{4}$	0.662	9.070	638756
1	1.176	16.130	638764
$1\frac{1}{4}$	1.838	25.200	638772
$1\frac{1}{2}$	2.646	36.290	638780
2	4.704	64.510	638798
$2\frac{1}{2}$	7.500	100.800	638803
3	10.800	124.416	638811
4	19.199	258.050	638829
5	30.000	403.200	638837
6	42.336	580.610	638845
8	73.728	1032.000	638853

Dimensions are in inches. All weights are approximate.

6061 - T6511 Square Bar



- Specifications: ASTM B 221
- Stocked in 12 foot lengths

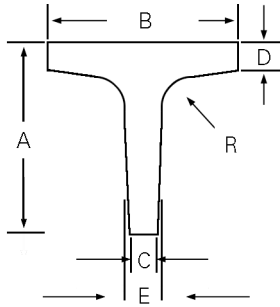
Thickness (A)	Lbs/Ft	Lbs/Length	Part Number
$\frac{1}{4}$	0.074	0.888	593964
$\frac{3}{8}$	0.165	1.980	488753
$\frac{1}{2}$	0.294	3.528	280448
$\frac{5}{8}$	0.473	5.676	412613
$\frac{5}{8}$	0.473	8.514	510712*
$\frac{3}{4}$	0.662	7.940	255095
1	1.176	14.110	255100
$1\frac{1}{4}$	1.838	22.050	420022
$1\frac{3}{8}$	2.223	26.676	658293
$1\frac{1}{2}$	2.646	31.750	255118
2	4.704	56.450	255126
$2\frac{1}{2}$	7.500	90.000	435140
3	10.800	129.600	435158
$3\frac{1}{2}$	15.000	180.000	463630
4	19.199	230.388	445674
5	30.000	360.000	553231
6	42.336	508.032	490378

* 18 Ft

Dimensions are in inches. All weights are approximate.

Aluminum Rod & Bar

5086 - H111 Structural Tee Bar

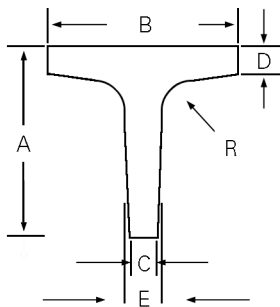


- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Stem (A)	Flange (B)	Thickness (C)	Thickness (D)	Thickness (E)	Radius (R)	Lbs/Ft	Lbs/Length	Part Number
1 1/2	1 1/2	3/16	.219	.219	.188	.693	17.325	630279
1 1/2	1 1/2	1/4	.219	.219	.188	.870	21.750	635601
2	2	1/4	.312	.312	.240	1.235	30.875	630287
3	3	3/8	.437	.437	.312	2.717	67.930	636097

Dimensions are in inches. All weights are approximate.

6061 - T6 Structural Tee Bar



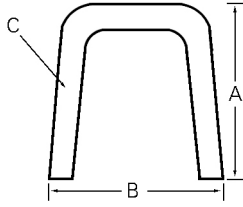
- Specifications: ASTM B 221
- Stocked in 25 foot lengths

Stem (A)	Flange (B)	Thickness (C)	Thickness (D)	Thickness (E)	Radius (R)	Lbs/Ft	Lbs/Length	Part Number
1 1/2	1 1/2	3/16	.219	.219	.188	.707	17.675	136665
2	1	3/16	.219	.219	.188	.653	16.330	653861
2	2	1/4	.312	.312	.240	1.260	31.500	136673
2 1/2	2	1/4	.312	.312	.240	1.307	32.675	585725
2 1/2	2 1/2	5/16	.375	.375	.250	1.909	47.725	513817
3	3	1/4	.312	.312	.240	1.949	48.725	594449
3	3	3/8	.437	.437	.312	2.717	67.925	631364
4	4	3/8	.437	.437	.312	3.740	93.500	512455

Dimensions are in inches. All weights are approximate.

Aluminum Marine Shapes

6061 - T6 Hull Stiffener

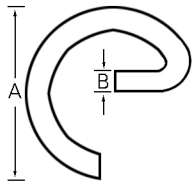


■ Stocked in 25 foot lengths

Height (A)	Width (B)	Thickness (C)	Lbs/Ft	Lbs/Length	Part Number
2	3	.188	1.300	32.500	230980

Dimensions are in inches. All weights are approximate.

6063 - T52 Extruded "G" Shape

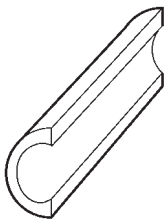


■ Stocked in 25 foot lengths

Size (A)	Thickness (C)	Lbs/Ft	Lbs/Length	Part Number
1 3/8	1/8	.475	11.875	467715

Dimensions are in inches. All weights are approximate.

6061 - T6 Sch 40 Half Round Pipe and Tube



Nominal Pipe Size	Outside Diameter	Wall	Lbs/Ft	Lbs/Length	Part Number
2*	2.375	.154	0.645	16.130	593192
2 1/2*	2.875	.203	1.092	27.300	510851
	3.500**	.190	1.184	23.680	476023

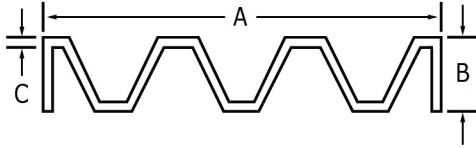
* 25 Foot Half Round Pipe

** 20 Foot Half Round Tube

Dimensions are in inches. All weights are approximate.

Aluminum Marine Shapes

6061 - T6 Pen Board

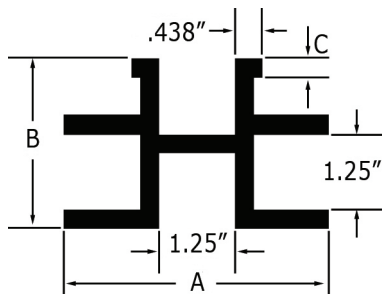


■ Stocked in 24 foot lengths

Size (A)	Size (B)	(C)	Lbs/Ft	Lbs/Length	Part Number
7.875	1.000	.125	1.735	41.640	559847

Dimensions are in inches. All weights are approximate.

6061 - T6 Pen Board Stanchion

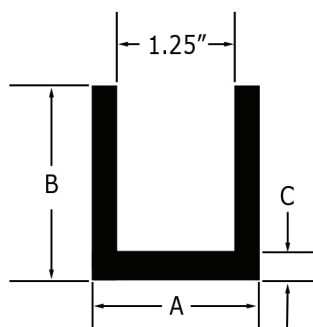


■ Stocked in 24 foot lengths

Size (A)	Size (B)	(C)	Lbs/Ft	Lbs/Length	Part Number
4.375	2.813	.312	4.500	108.000	634778

Dimensions are in inches. All weights are approximate.

6061 - T6 Pen Board Channel



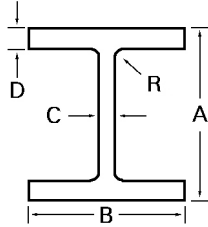
■ Stocked in 24 foot lengths

Size (A)	Size (B)	(C)	Lbs/Ft	Lbs/Length	Part Number
1.874	1.560	.312	1.636	39.264	634760

Dimensions are in inches. All weights are approximate.

Aluminum I-Beam

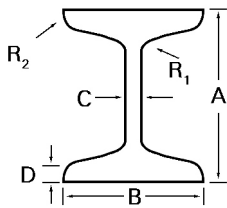
6061 - T6 Aluminum Association I-Beam



■ Stocked in 25 foot lengths

Width (A)	Flange (B)	Web (C)	Thickness (D)	Radius (R)	Lbs/Ft	Lbs/Length	Part Number
3	2 1/2	.150	.260	.250	2.030	50.750	488779
4	3	.150	.230	.250	2.311	57.775	622292
4	3	.170	.290	.250	2.793	69.825	485373
5	3 1/2	.190	.320	.300	3.700	92.500	504868
6	4	.190	.280	.300	4.030	100.750	412883
6	4	.210	.350	.300	4.692	117.300	503969
7	4 1/2	.230	.380	.300	5.800	145.000	511912
8	5	.230	.350	.300	6.181	154.525	516988
8	5	.250	.410	.300	7.023	175.580	508456
10	6	.250	.410	.400	8.646	216.150	502688
12	7	.290	.470	.400	11.672	291.800	634956
12	7	.310	.620	.400	14.292	357.300	545262

6061 - T6 American Standard I-Beam



■ Stocked in 25 foot lengths

Width (A)	Flange (B)	Web (C)	Thickness (D)	Radius (R ₁)	Radius (R ₂)	Lbs Ft	Lbs/ Length	Part Number
3	2.330	.170	.170	.270	.100	1.963	49.075	496900
3	2.509	.349	.170	.270	.100	2.595	64.875	131322
4	2.660	.190	.190	.290	.110	2.660	66.100	485705
4	2.796	.326	.190	.290	.110	3.283	82.075	574279
4	4.000	.313	.290	.313	.145	4.758	118.950	552659*
5	3.000	.210	.210	.310	.130	3.430	85.750	552641
5	5.000	.313	.330	.313	.165	6.494	162.350	561983*
6	3.330	.230	.230	.330	.140	4.302	107.550	512845
6	4.000	.230	.279	.250	..	4.161	104.030	507620**
6	6.000	.240	.269	.250	..	5.401	135.030	545107**
8	4.000	.270	.260	.370	.160	6.348	158.700	589486
8	8.000	.288	.433	.400	..	10.725	268.125	556807**
8	4.262	.532	.270	.370	.180	8.813	220.330	545270
10	4.660	.310	.310	.410	.190	8.764	219.100	511263

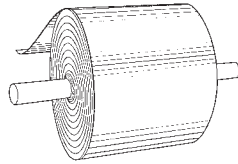
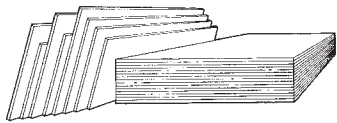
* H-Beam

** Wide Flange

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

5052 - H32 Sheet & Coil



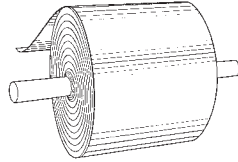
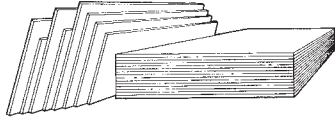
■ Specifications: ASTM B 209 & QQ-A-250/8

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.025	48 x CTL	.356		466303
	48 x 96	.356	11.200	467189
	48 x 120	.356	14.240	467197
	48 x 144	.356	17.088	467202
.032	48 x COIL	.447		134710
	48 x 96	.447	14.300	129040
	48 x 120	.447	17.880	129066
	48 x 144	.447	21.456	129082
.040	48 x COIL	.559		134794
	48 x 96	.559	17.890	253653
	48 x 120	.559	22.360	129121
	48 x 144	.559	26.832	133625
.050	36 x COIL	.698		134825
	36 x 96	.698	16.752	224442
	36 x 120	.698	20.940	129147
	36 x 144	.698	25.128	129163
	48 x COIL	.698		134867
	48 x 96	.698	22.336	129189
	48 x 120	.698	27.920	129202
	48 x 144	.698	33.504	133641
	60 x COIL	.698		134906
	60 x 96	.698	27.920	416756
	60 x 120	.698	34.900	129228
	60 x 144	.698	41.880	129244
.063	36 x COIL	.880		134948
	36 x 96	.880	21.120	224434
	36 x 120	.880	26.400	129260
	36 x 144	.880	31.680	129294
	48 x COIL	.880		134980
	48 x 96	.880	28.160	129317
	48 x 120	.880	35.200	129333
	48 x 144	.880	42.240	133667
	60 x COIL	.880		135025
	60 x 96	.880	35.200	129359
	60 x 120	.880	44.000	129367
	60 x 144	.880	52.800	228349
.080	36 x COIL	1.117		135067
	36 x 96	1.117	26.808	269604
	36 x 120	1.117	33.510	129383
	36 x 144	1.117	40.212	129406
	48 x COIL	1.117		135091

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.080	48 x 96	1.117	35.744	129422
	48 x 120	1.117	44.680	129448
	48 x 144	1.117	53.616	133683
	60 x COIL	1.117		135114
	60 x 96	1.117	44.680	254730
	60 x 120	1.117	55.850	129464
	60 x 144	1.117	67.020	129480
	60 x 240	1.117	111.700	224426
.090	36 x COIL	1.260		135130
	36 x 96	1.260	30.240	224418
	36 x 120	1.260	37.800	129503
	36 x 144	1.260	45.360	129529
	36 x 240	1.260	75.600	224400
	48 x COIL	1.260		135156
	48 x 96	1.260	40.320	129545
	48 x 120	1.260	50.400	129561
	48 x 144	1.260	60.480	133706
	48 x 240	1.260	100.800	224395
	60 x COIL	1.260		135172
	60 x 96	1.260	50.400	228365
.100	60 x 120	1.260	63.000	129587
	60 x 144	1.260	75.600	163337
	60 x 240	1.260	126.000	129626
	36 x COIL	1.400		578647
	36 x 144	1.400	50.400	588341
	48 x COIL	1.400		135198
	48 x 96	1.400	44.800	421272
	48 x 120	1.400	56.000	129642
	48 x 144	1.400	67.200	129668
	48 x 240	1.400	112.000	129684
	60 x COIL	1.400		135211
	60 x 120	1.400	70.000	239934
.125	60 x 144	1.400	84.000	129707
	60 x 240	1.400	140.000	224387
	36 x COIL	1.750		135237
	36 x 96	1.750	42.000	129723
	36 x 120	1.750	52.500	129749
	36 x 144	1.750	63.000	129765
	36 x 240	1.750	105.000	129781
	36 x 288	1.750	126.000	495768
48 x COIL	1.750		135253	

Aluminum Flat Rolled Products

5052 - H32 Sheet & Coil (continued)



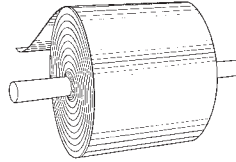
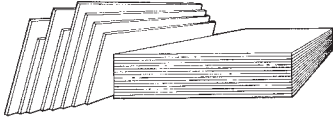
■ Specifications: ASTM B 209 & QQ-A-250/8

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.125	48 x 36	1.750	21.000	493897
	48 x 60	1.750	35.000	493902
	48 x 72	1.750	42.000	493910
	48 x 96	1.750	56.000	129804
	48 x 120	1.750	70.000	129820
	48 x 144	1.750	84.000	133722
	48 x 192	1.750	112.000	497663
	48 x 240	1.750	140.000	129846
	60 x COIL	1.750		136843
	60 x 96	1.750	70.000	269646
	60 x 120	1.750	87.500	163311
	60 x 144	1.750	105.000	133748
	60 x 192	1.750	140.000	498237
	60 x 240	1.750	175.000	129888
	72 x COIL	1.750		277966
	72 x 96	1.750	84.000	410750
	72 x 120	1.750	105.000	281664
	72 x 144	1.750	126.000	410768
	72 x 240	1.750	210.000	282212
.160	48 x COIL	2.230		136851
	48 x 96	2.230	71.360	405161
	48 x 120	2.230	89.200	259764
	48 x 144	2.230	107.000	133764
	48 x 240	2.230	178.400	224379
	48 x 300	2.230	223.000	552811
	60 x COIL	2.230		136869
	60 x 96	2.230	89.200	491293
	60 x 120	2.230	111.500	277039
	60 x 144	2.230	133.800	129943
	60 x 240	2.230	223.000	129927
	60 x 300	2.230	278.800	553655
	72 x COIL	2.230		492825
	72 x 144	2.230	160.600	564868
	72 x 240	2.230	267.600	492833
.190	36 x COIL	2.654		136877
	36 x 96	2.654	63.696	228399
	36 x 120	2.654	79.620	228404
	36 x 144	2.654	95.544	129969
	36 x 240	2.654	159.240	129985
	48 x COIL	2.654		136885
	48 x 96	2.654	84.928	250540

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.190	48 x 120	2.654	106.160	228412
	48 x 144	2.654	127.392	133798
	48 x 240	2.654	212.320	130009
	48 x 300	2.654	265.400	553744
	60 x COIL	2.654		136893
	60 x 96	2.654	106.160	430378
	60 x 120	2.654	132.700	130025
	60 x 144	2.654	159.240	130041
	60 x 240	2.654	265.400	130067
	60 x 288	2.654	318.480	507468
	60 x 300	2.654	331.750	552829
	72 x CTL	2.654		416413
	72 x 96	2.654	127.392	417427
	72 x 120	2.654	159.240	417435
	72 x 144	2.654	191.088	417443
	72 x 240	2.654	318.480	417451
	72 x 300	2.654	398.100	512227
.250	48 x COIL	3.490		134419
	48 x 96	3.490	111.680	253645
	48 x 120	3.490	139.600	253637
	48 x 144	3.490	167.520	228420
	48 x 240	3.490	279.200	224361
	48 x 300	3.490	349.000	552918
	60 x COIL	3.490		224670
	60 x 96	3.490	139.600	235176
	60 x 120	3.490	174.500	228438
	60 x 144	3.490	209.400	235184
	60 x 240	3.490	349.000	228446
	60 x 300	3.490	436.300	561420
	72 x COIL	3.490		416992
	72 x 96	3.490	167.520	419152
	72 x 120	3.490	209.400	419160
	72 x 144	3.490	251.280	419178
	72 x 240	3.490	419.040	417231
	72 x 300	3.490	523.500	582442
.375	48 x 96	5.240	167.680	492493
	48 x 144	5.240	251.520	224353
	96 x 240	5.240	838.400	463575
.500	48 x 48	6.984	111.744	556459
	48 x 96	6.984	223.488	558118
	48 x 144	6.984	335.232	261355

Aluminum Flat Rolled Products

5083 - H116 Sheet, Plate & Coil



■ Specifications: ASTM B 928

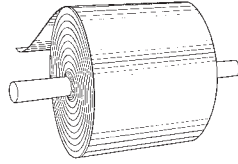
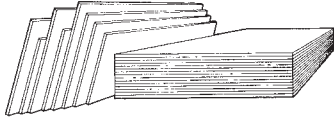
Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.090	72 x 240	1.244	149.28	642276
.125	48 x 144	1.730	83.040	580741
	48 x 240	1.730	138.400	553833
	96 x 240	1.730	276.80	653471
.160	60 x 240	1.730	173.000	553825
	60 x 144	2.230	133.800	547052
	60 x 240	2.230	223.000	510039
.190	60 x 288	2.230	267.600	510063
	96 x COIL	2.230		545660
	96 x 240	2.230	356.800	517235
.250	96 x 288	2.230	428.160	593100
	48 x 144	2.630	126.240	510055
	48 x 240	2.630	210.400	547060
	48 x 300	2.630	263.000	517471
	60 x 144	2.630	157.800	517227
	60 x 240	2.630	263.000	510047
	60 x 276	2.630	302.450	517489
	60 x 288	2.630	315.600	510071
	72 x 144	2.630	189.360	660339
	72 x 240	2.630	315.600	509850
	72 x 288	2.630	378.720	510089
	72 x 300	2.630	394.500	517170
	84 x 240	2.630	368.200	509834
	96 x 240	2.630	420.800	509826
	96 x 288	2.630	504.960	546111
96 x 300	2.630	526.000	638502	
.313	48 x 144	3.460	166.080	546103
	48 x 240	3.460	276.800	566852
	48 x 288	3.460	332.160	651940
	48 x 300	3.460	346.000	651932
	60 x 144	3.460	207.600	517201
	60 x 240	3.460	346.000	517196
	60 x 300	3.460	432.500	512463
	72 x 240	3.460	475.200	609842

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.250	72 x CTL	3.460		497809
	72 x 144	3.460	249.120	517277
	72 x 240	3.460	415.200	509868
	72 x 288	3.460	498.240	510097
	72 x 300	3.460	519.000	517188
	84 x 240	3.460	484.400	509842
.375	84 x 288	3.460	581.280	517219
	96 x 240	3.460	553.600	509818
	96 x 300	3.460	692.000	625313
.500	60 x 240	4.330	433.000	581030
	60 x 300	4.330	541.250	642268
	72 x 300	4.330	649.500	638455
	96 x 240	4.330	692.800	507434
.625	48 x 96	5.180	165.760	666474
	48 x 144	5.180	248.640	666482
	60 x 240	5.180	518.000	496667
	96 x 240	5.180	829.440	507418
	48 x 96	6.910	221.120	654914
.750	60 x 120	6.910	345.500	666513
	60 x 240	6.910	691.000	496675
	72 x 240	6.910	829.200	656013
1.000	96 x 240	6.910	1105.600	507426
	60 x 240	8.640	864.000	583707
	72 x 240	8.640	1036.800	647179
1.500	60 x 240	10.360	1036.000	510657
	60 x 240	13.824	1382.400	509062
2.000	72 x 240	13.824	1658.880	642048
	96 x 240	13.824	2211.200	629155
	48 x 120	27.650	1106.000	655017
2.500	48 x 144	27.650	1327.200	549274
	48 x 144	34.560	1658.880	619427
3.000	60 x 144	41.472	2488.320	635782
4.000	48 x 144	55.296	2654.210	727000

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

5086 - H116 Sheet, Plate & Coil



■ Specifications: ASTM B 928

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.060	60 x 144	0.870	52.20	633934
	60 x 240	0.870	87.00	633942
.080	60 x 144	1.106	66.36	633950
	60 x 240	1.106	110.60	633968
.090	60 x 144	1.244	74.64	633976
	60 x 240	1.244	124.40	633984
.100	60 x 144	1.382	82.92	633992
	60 x 240	1.382	138.20	634003
.125	48 x COIL	1.730		134613
		1.730	20.76	494110
		1.730	34.60	494128
	48 x 96	1.730	55.36	256326
	48 x 120	1.730	69.20	269719
	48 x 144	1.730	83.04	134362
	48 x 240	1.730	138.40	134396
	48 x 300	1.730	173.00	582646
	60 x COIL	1.730		134671
	60 x 96	1.730	69.20	280171
	60 x 120	1.730	86.50	250150
	60 x 144	1.730	103.80	134435
	60 x 240	1.730	173.00	134477
	72 x COIL	1.730		279722
	72 x 240	1.730	207.60	134516
72 x 300	1.730	259.50	588333	
.160	96 x COIL	1.730		651916
	96 x 240	1.730	276.80	672679
	60 x COIL	2.230		228470
	60 x 120	2.230	111.50	250168
	60 x 144	2.230	133.80	250176
	60 x 240	2.230	223.00	250184
	60 x 300	2.230	278.75	562997
	72 x COIL	2.230		656432
.190	72 x 240	2.230	267.60	601490
	96 x COIL	2.230		509622
	96 x 240	2.230	356.80	513794
	96 x 300	2.230	496.00	669959
	48 x COIL	2.630		134451
		2.630	31.56	494136
		2.630	52.60	494144
	48 x 96	2.630	84.16	228462
	48 x 120	2.630	105.20	256334
	48 x 144	2.630	126.24	134558
	48 x 240	2.630	210.40	134590
	48 x 300	2.630	263.00	551742

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.190	60 x COIL	2.630		134493
	60 x 96	2.630	105.20	253247
	60 x 120	2.630	131.50	128418
	60 x 144	2.630	157.80	134639
	60 x 240	2.630	263.00	134655
	60 x 288	2.630	315.60	507450
	66 x COIL	2.630		438677
	66 x 240	2.630	289.30	462082
	72 x COIL	2.630		274609
	72 x 96	2.630	126.24	507395
	72 x 120	2.630	157.80	472728
	72 x 144	2.630	189.56	270558
	72 x 240	2.630	315.60	134697
	72 x 288	2.630	378.72	415043
	72 x 300	2.630	394.50	568600
.250	84 x COIL	2.630		491667
	84 x 240	2.630	368.20	134736
	96 x COIL	2.630		491683
	96 x 240	2.630	420.80	134778
	96 x 300	2.630	526.00	668387
	48 x COIL	3.460		134532
		3.460	41.52	494152
		3.460	69.20	494160
	48 x 96	3.460	110.72	250192
	48 x 120	3.460	138.40	250207
	48 x 144	3.460	166.08	134817
	48 x 192	3.460	221.44	552227
	48 x 240	3.460	276.80	134841
	48 x 288	3.460	332.16	497427
	48 x 300	3.460	346.00	551734
	60 x COIL	3.460		134574
	60 x 96	3.460	138.40	247822
	60 x 120	3.460	173.00	250215
	60 x 144	3.460	207.60	128434
	60 x 192	3.460	276.80	558304
	60 x 240	3.460	346.00	134883
	60 x 300	3.460	432.50	559643
	72 x COIL	3.460		277916
	72 x 96	3.460	166.08	410734
	72 x 120	3.460	207.60	410742
	72 x 144	3.460	249.12	282571
	72 x 240	3.460	415.20	134922
	72 x 300	3.460	519.00	568595
	84 x COIL	3.460		491675

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

5086 - H116 Sheet, Plate & Coil (continued)

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.250	84 x 240	3.46	484.40	134964
	96 x COIL	3.46		487587
	96 x 240	3.46	553.60	135009
	96 x 300	3.46	692.00	605818
.313	60 x COIL	4.33		568537
	60 x 96	4.33	173.20	568804
	60 x 144	4.33	259.80	494801
	60 x 240	4.33	433.00	135083
	96 x 240	4.33	692.80	282602
	96 x 300	4.33	866.00	654320
.375	48 x 60	5.18	103.60	509486
	48 x 96	5.18	165.76	509478
	48 x 144	5.18	248.64	135106
	48 x 240	5.18	414.40	400941
	60 x 96	5.18	207.20	565741
	60 x 240	5.18	518.00	135122

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.375	96 x 240	5.18	828.80	261070
	96 x 300	5.18	1036.00	654312
.500	48 x 60	6.91	138.20	509494
	48 x 96	6.91	221.12	509509
	48 x 144	6.91	331.68	135164
	48 x 240	6.91	552.80	135180
.625	60 x 240	6.91	691.00	135203
	96 x 240	6.91	1105.60	488745
	60 x 240	8.64	864.00	511328
.750	48 x 144	10.36	497.28	135229
	60 x 240	10.36	1036.00	135245
.875	60 x 240	12.10	1210.00	582913
	60 x 144	13.82	829.44	618489
1.00	60 x 240	13.82	1382.24	403397
	60 x 144	20.74	1244.40	581056
2.00	60 x 144	27.65	1659.00	574172

5383 - H116 Sheet, Plate & Coil

- Specifications: ASTM B 928

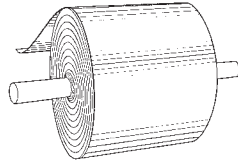
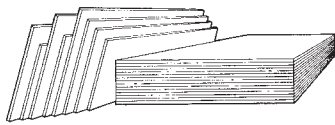
Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.125	96 x COIL	1.730		653049
.160	96 x COIL	2.230		630839
	96 x 240	2.230	356.80	630766
	96 x 300	2.230	446.00	636241
	96 x 360	2.230	535.20	636259
	48 x COIL	2.630		630863
.190	60 x COIL	2.630		630889
	72 x COIL	2.630		630902
	72 x 144	2.630	189.36	635805
	72 x 300	2.630	394.50	635813
	96 x COIL	2.630		630847
	96 x 240	2.630	420.80	630774
	48 x COIL	3.460		630871
.250	48 x 96	3.460	110.72	633641
	48 x 300	3.460	346.00	633659

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.250	60 x COIL	3.460		630897
	60 x 144	3.460	207.60	634566
	60 x 300	3.460	432.50	634574
	72 x COIL	3.460		630910
	72 x 300	3.460	519.00	635897
	96 x COIL	3.460		630855
.313	96 x 240	3.460	553.60	630782
	96 x 360	3.460	830.40	635091
	96 x 240	4.330	692.80	630790
.375	96 x 360	4.33	1039.20	635554
	96 x 240	5.18	828.80	630805
.500	96 x 300	5.18	1036.00	635211
	96 x 360	5.18	1243.20	635588
	96 x 240	6.91	1105.60	630813
1.00	48 x 288	13.824	1329.41	635821

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

5456 - H116 Sheet & Plate



■ Specifications: ASTM B 928

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.100	60 x 120	1.382	69.10	660397
.125	60 x 240	1.728	172.80	631039
	72 x 240	1.728	207.36	669202
	96 x 240	1.728	276.48	634281
.160	82 x 240	2.212	302.31	634299
.190	60 x 240	2.626	262.20	677352
	88 x 240	2.626	385.15	631021
	96 x 240	2.626	420.60	669155
.250	94 x 240	3.460	542.06	634304
	96 x 240	3.460	553.60	632019
.313	94 x 240	4.330	678.36	634312
.375	48 x 96	5.180	165.760	666733
	94 x 240	5.180	811.530	634320

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.375	96 x 240	5.180	828.800	669163
.500	94 x 240	6.910	1082.57	634338
.625	96 x 240	8.640	1382.400	640761
.750	72 x 240	10.360	1243.20	634346
	96 x 240	10.360	1657.60	639566
1.00	48 X 96	13.824	442.368	666791
	48 x 144	13.824	663.52	639574
	72 x 240	13.824	1658.88	634354
1.50	96 x 240	13.824	2211.84	669189
	48 x 96	20.740	663.552	666806
2.00	48 x 144	20.740	995.52	639582
2.50	48 x 96	27.648	884.736	666814
	48 x 96	34.560	1137.920	666822

1100-H14 Sheet & Plate

■ Specifications: ASTM B 209

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.063	48 x 144	0.889	42.672	511475*
.125	48 x 144	1.760	84.480	512104
.250	48 x 144	3.530	169.440	511302
.375	48 x 144	5.290	253.920	511297
1.00	48 x 144	14.110	677.280	514114**

* 0 Temper

** H112 Temper

3105 - H24 Polar White 1 Side

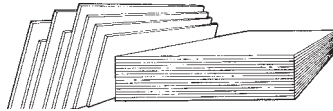
■ Specifications: ASTM A 209

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.032	48 x 120	.452	18.08	631411
.063	48 x 120	.880	35.20	670601
.063	48 x 144	.880	42.24	632213

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

6061 - T6/T651 Sheet & Plate



■ Specifications: ASTM B 209 & QQ-A-250/11

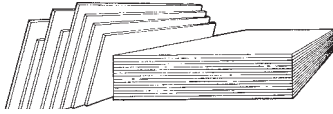
Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
0.063	48 x COIL	0.889		512609
0.063	48 x 144	0.889	42.672	133992
0.080	48 x 144	1.128	54.144	134011
0.080	60 x 144	1.128	67.680	432998
0.090	48 x 144	1.270	60.960	134045
0.100	48 x COIL	1.411		491528
0.100	48 x 144	1.411	67.728	465705
0.125	48 x COIL	1.728		491510
0.125	48 x 144	1.764	84.672	134053
0.125	60 x 144	1.764	105.84	134061
0.160	48 1/2 x 144 1/2	2.258	108.384	628052
0.160	60 1/2 x 144 1/2	2.258	135.480	632742
0.190	48 x 144	2.681	128.688	134087
0.190	60 x 144	2.681	160.860	506153
0.250	48 1/2 x 144 1/2	3.630	176.666	134100
0.250	60 1/2 x 144 1/2	3.630	220.378	568668
0.250	72 1/2 x 144 1/2	3.630	264.090	672467
0.250	96 x 240	3.630	580.000	593029
0.313	48 1/2 x 144 1/2	4.520	219.981	134126
0.375	48 1/2 x 144 1/2	5.410	263.296	134134
0.375	60 1/2 x 144 1/2	5.410	328.441	421214
0.375	72 1/2 x 144 1/2	5.410	393.388	672475
0.375	96 x 240	5.410	865.600	593037
0.500	48 1/2 x 144 1/2	7.220	351.386	134142
0.500	60 1/2 x 144 1/2	7.220	438.326	599570
0.500	72 1/2 x 144 1/2	7.220	525.269	672483
0.500	96 x 240	7.220	1153.200	593045
0.625	48 1/2 x 144 1/2	8.980	437.042	134150
0.625	60 1/2 x 144 1/2	8.980	546.990	629692
0.625	96 x 240	8.980	1436.800	700367
0.750	48 1/2 x 144 1/2	10.810	526.105	134168
0.750	60 1/2 x 144 1/2	10.810	656.276	628125
0.750	72 1/2 x 144 1/2	10.810	786.449	672491
0.750	96 x 240	10.810	1729.600	593053
1.000	48 1/2 x 144 1/2	14.380	699.852	134207
1.000	60 1/2 x 144 1/2	14.380	873.011	512633
1.000	72 1/2 x 144 1/2	14.380	1046.174	672506

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
1.000	96 x 240	14.380	2301.000	593061
1.250	48 1/2 x 96 1/2	17.910	573.120	795029
1.250	48 1/2 x 144 1/2	17.910	871.651	223496
1.250	60 1/2 x 144 1/2	17.910	1090.000	611762
1.250	96 x 240	17.910	2865.600	699590
1.500	48 1/2 x 144 1/2	21.440	1043.451	134215
1.500	60 1/2 x 144 1/2	21.440	1301.624	280804
1.500	72 1/2 x 144 1/2	21.440	1559.803	672514
1.500	96 x 240	21.440	3430.400	593079
1.750	48 1/2 x 144 1/2	25.070	1220.117	402862
2.000	48 1/2 x 144 1/2	28.220	1373.422	128515
2.000	60 1/2 x 144 1/2	28.220	1713.238	277869
2.000	72 1/2 x 144 1/2	28.220	2053.061	672522
2.000	96 x 240	28.220	4512.200	593087
2.250	48 1/2 x 144 1/2	32.130	1563.716	501226
2.500	48 1/2 x 144 1/2	35.800	1742.329	246711
2.750	48 1/2 x 144 1/2	39.260	1910.721	592895
3.000	48 1/2 x 144 1/2	42.850	2085.441	246729
3.000	72 1/2 x 144 1/2	42.850	3117.423	672530
3.000	96 x 240	42.850	6856.000	699605
3.500	48 1/2 x 144 1/2	50.090	2437.800	272819
4.000	48 1/2 x 144 1/2	57.365	2791.863	283501
4.000	96 x 240	57.365	9178.400	687535
4.500	48 1/2 x 144 1/2	64.432	3135.802	484961
5.000	48 1/2 x 144 1/2	71.477	3478.671	274332
5.000	60 1/2 x 144 1/2	71.477	4339.374	547612
5.500	48 1/2 x 144 1/2	78.533	3822.075	645038
6.000	48 1/2 x 144 1/2	85.589	4165.479	299764
7.000	48 1/2 x 144 1/2	100.800	4905.775	507557
8.000	48 1/2 x 144 1/2	115.200	5606.599	507565
9.000	48 1/2 x 144 1/2	127.000	5869.340	629854

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

6061 - T6/T651 MIL-DLT 32262 Ballistic Armor Plate

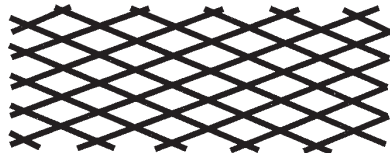


■ Specifications: ASTM B 209 & MIL-DLT-32262

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
1.000	48 1/2 x 144 1/2	14.380	699.852	672310
1.500	48 1/2 x 144 1/2	21.440	1043.451	672328
2.000	48 1/2 x 144 1/2	28.220	1373.422	672336

Dimensions are in inches. All weights are approximate.

5005 - H34 Flattened Expanded Sheet



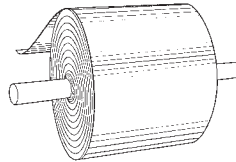
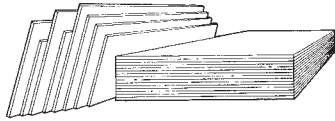
Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
1/2 - .051	48 x 96	.260	8.320	620761
1/2 - .051	48 x 96	.260	8.320	621385*
1/2 - .081	48 x 96	.420	13.440	410629
3/4 - .051	48 x 96	.160	5.120	410637
3/4 - .081	48 x 96	.300	9.600	410645
3/4 - .125	48 x 96	.620	19.840	410661
3/4 - .125	48 x 96	.620	19.840	501438*
3/4 - .125	48 x 120	.620	24.800	566713
1 1/2 - .125	48 x 96	.400	12.800	512984

*Standard raised

Dimensions are in inches. All weights are approximate.

Aluminum Flat Rolled Products

Tread Plate & Coil



3003 - H22 Bright Diamond Tread Plate

Thickness	Size	Lbs/Sq Ft	Lbs/Plate	Part Number
.063	48 x COIL	0.950		510225
	48 x 144	0.950	45.600	510291
.080	60 x COIL	1.280		631966
	60 x 144	1.280	76.800	634126
.100	48 x COIL	1.570		467676
	48 x 96	1.570	50.240	483355
	48 x 120	1.570	62.800	483363
	48 x 144	1.570	74.360	483389
	48 x 192	1.570	100.480	471594
	60 x COIL	1.570		578524
	60 x 192	1.570	125.600	582175
.125	48 x COIL	1.900		470873
	48 x 96	1.900	60.800	483321
	48 x 120	1.900	76.000	483339
	48 x 144	1.900	91.200	483347
	48 x 192	1.900	121.600	471609
	60 x COIL	1.900		510649
	60 x 192	1.900	152.000	511035
.190	48 x COIL	2.820		467668
	48 x 96	2.820	90.240	477037
	48 x 120	2.820	112.800	477045
	48 x 144	2.820	135.360	477053
	48 x 192	2.820	180.480	471617
	60 x COIL	2.820		578532
	60 x 192	2.820	225.600	582183

5086 - H112 Diamond Tread Plate

Thickness	Size	Lbs/Sq Ft	Lbs/Plate	Part Number
.250	48 x 192	3.650	233.600	487333
	60 x 192	3.650	292.000	487325

5086 - H32 Diamond Tread Plate

Thickness	Size	Lbs/Sq Ft	Lbs/Plate	Part Number
.125	60 x 192	1.900	152.000	553906

5052 - H32 Embossed (FTQ) Bright Tread Plate

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	Part Number
.125	60 x 192	1.900	152.000	640101

Dimensions are in inches. All weights are approximate.

5052 - H32 Bright Diamond Tread Plate

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.125	48 x COIL	1.900		224646
	48 x 96	1.900	60.800	402799
	48 x 120	1.900	76.000	228496
	48 x 144	1.900	91.200	251229
	48 x 192	1.900	121.600	228501
	60 x COIL	1.900		281973
	60 x 96	1.900	76.000	567094
.190	60 x 120	1.900	95.000	283519
	60 x 144	1.900	114.000	283527
	60 x 192	1.900	152.000	283535
	72 x COIL	1.900		635106
	72 x 144	1.900	136.800	637912
	72 x 240	1.900	228.000	637920
	48 x COIL	2.800		253205
.190	48 x 96	2.800	89.600	433758
	48 x 120	2.800	112.000	253221
	48 x 144	2.800	134.400	261402
	48 x 192	2.800	179.200	253213
	60 x COIL	2.800		417469
	60 x 96	2.800	112.000	419306
	60 x 120	2.800	140.000	419314
.190	60 x 144	2.800	168.000	419322
	60 x 192	2.800	224.000	419330

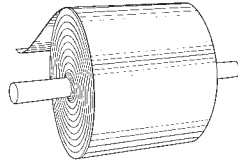
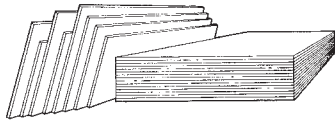
6061 - T6 Diamond Tread Plate

■ Specifications: ASTM B 632

Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.125	48 x 144	1.900	91.200	420713
	48 x 192	1.900	121.600	134249
	60 x 192	1.900	152.000	134265
.190	48 x 192	2.800	179.200	163298
.250	48 x 96	3.700	118.400	413384
	48 x 144	3.700	177.600	272487
	48 x 192	3.700	236.800	134312
	60 x 96	3.700	148.000	490441
	60 x 192	3.700	296.000	134338
.375	48 x 96	5.500	173.760	619477
	48 x 192	5.500	352.000	135261
	60 x 192	5.500	440.000	439542
.500	48 x 192	7.200	460.800	467121
	60 x 192	7.200	576.000	506535

Aluminum Cast Products

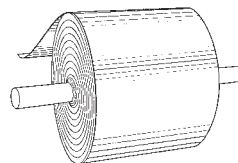
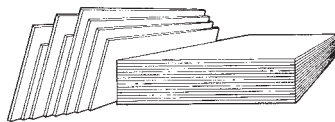
Cast Tooling Plate



Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.250	48 1/2 X 144 1/2	3.64	177.15	594203
.375	48 1/2 X 144 1/2	5.45	265.24	624464
.500	48 1/2 X 144 1/2	7.27	353.82	594211
.625	48 1/2 X 144 1/2	9.09	442.39	594229
.750	48 1/2 X 144 1/2	10.91	530.97	594237
1.00	48 1/2 X 144 1/2	14.54	707.64	594245
1.00	60 1/2 X 144 1/2	14.54	882.72	633756
1.00	72 1/2 X 144 1/2	14.54	1057.81	637182
1.25	48 1/2 X 144 1/2	18.00	876.00	599423
1.50	48 1/2 X 144 1/2	21.82	1061.94	594253
1.50	60 1/2 X 144 1/2	21.82	1324.69	605070
2.00	72 1/2 X 144 1/2	27.64	2011.44	636138
2.50	48 1/2 X 144 1/2	35.80	1742.33	644189
3.00	48 1/2 X 144 1/2	42.85	2085.44	677459

Dimensions are in inches. All weights are approximate.

MIC 6™ Cast Tooling Plate

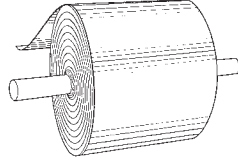
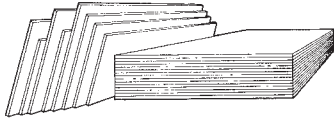


Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
.250	48 1/2 X 144 1/2	3.64	177.15	694485
.375	48 1/2 X 144 1/2	5.45	265.24	694493
.500	48 1/2 X 144 1/2	7.27	353.82	694508
.625	48 1/2 X 144 1/2	9.09	442.39	694516
.750	48 1/2 X 144 1/2	10.91	530.97	694524
1.00	48 1/2 X 144 1/2	14.54	707.64	694532
1.25	48 1/2 X 144 1/2	18.00	876.00	694540
1.50	48 1/2 X 144 1/2	21.82	1061.94	694558
2.50	48 1/2 X 144 1/2	35.80	1742.33	694566
3.00	48 1/2 X 144 1/2	42.85	2085.44	694574

Dimensions are in inches. All weights are approximate.

Aluminum Cast Products

Duramold 5™ Cast Tooling Plate

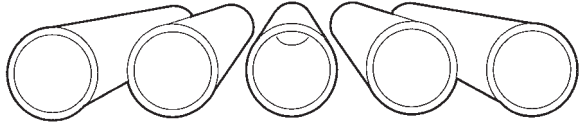


Thickness	Sizes	Lbs/Sq Ft	Lbs/Sheet	Part Number
4.0	48 1/2 X 72 1/2	56.44	1378.14	725147
5.0	48 1/2 X 72 1/2	70.56	1722.96	725155
6.0	48 1/2 X 72 1/2	84.67	2067.51	725163

Dimensions are in inches. All weights are approximate.

Aluminum Tubing

6061 Structural Tubing



- Specifications: ASTM B 221
- Stocked in 20 foot lengths

OD	Wall	Lbs/Ft	Lbs/Length	Part Number
1/2	.065	.107	2.140	639689
5/8	.059	.126	2.520	631136
3/4	.058	.151	3.020	634833
3/4	.065	.168	3.360	641018
1	.062	.219	4.380	579300
1	.083	.287	5.740	631055
1	.125	.412	8.240	656356**
1 1/4	.065	.290	5.800	662195
1 1/2	.065	.352	7.040	583723
1 1/2	.125	.648	12.960	583731
2	.065	.465	9.300	579326
2	.125	.883	17.660	659095
2	.250	1.617	32.340	634134
2 1/2	.070	.641	7.745	647014
2 1/2	.250	2.12	42.400	638007
3	.125	1.355	27.100	579342
4	.125	1.825	36.500	579350
4	.250	3.463	69.260	640389
5	.125	2.251	45.020	637035
5	.250	4.477	89.540	629503
6	.125	2.713	54.260	637043
6	.250	5.419	108.380	637140
8	.750	20.088	220.968	632360*
10	.250	9.006	180.120	639671
10	1.000	33.250	365.750	562476*

* 11 Ft Length. Temporary item.

** 12 Ft Length.

Dimensions are in inches. All weights are approximate.

6061 Drawn Seamless Tubing



- Specifications: WW-T-700/6
- Stocked in 12 foot lengths

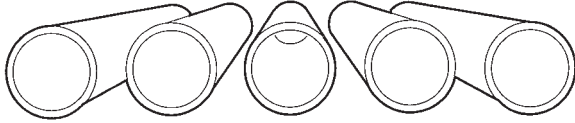
OD	Wall	Lbs/Ft	Lbs/Length	Part Number
1/4	.035	.032	.384	669951
1/2	.035	.064	.768	669927
1 1/4	.035	.161	1.932	669935
1 1/4	.065	.290	3.600	669943
1 1/2	.035	.193	2.316	669919

* 11 Ft Length. Temporary item.

Dimensions are in inches. All weights are approximate.

Aluminum Tubing

5086-H32 Drawn Seamless Tubing

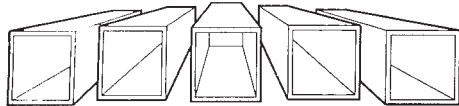


- Specifications: WW-T-700/5
- Stocked in 20 foot lengths

OD	Wall	Lbs/Ft	Lbs/Length	Part Number
1	.125	0.412	4.944	732453*
2	.250	1.617	32.34	654192
2 1/2	.250	2.120	42.40	654207
3	.250	2.540	50.80	654215
4	.250	3.463	69.26	654223
5	.250	4.477	89.54	654231
6	.250	5.419	108.38	654249
8	.500	13.591	271.82	640070

*Stocked in 12 foot lengths

5086-H111 Extruded Square Tubing



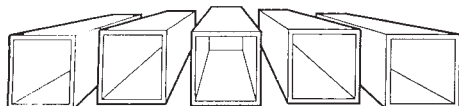
- Specifications: ASTM B 221
- Stocked in 20 foot lengths

OD	Wall	Lbs/Ft	Lbs/Length	Part Number
2*	.250	2.10	50.40	631746
3*	.250	3.30	79.20	638471

*Radius Corner

Dimensions are in inches. All weights are approximate.

5086-H32 Drawn Seamless Square Tubing



- Specifications: WW-T-700/5
- Stocked in 20 foot lengths

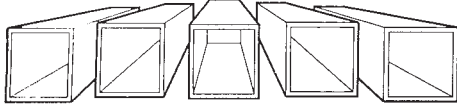
OD	Wall	Lbs/Ft	Lbs/Length	Part Number
1*	.125	0.526	11.10	781533
1 1/2*	.125	0.170	23.44	631712
2 1/4*	.125	1.270	25.40	782694
2 3/4*	.156	1.624	32.48	773124
6*	.375	9.497	189.94	776804

*Radius Corner

Dimensions are in inches. All weights are approximate.

Aluminum Tubing

6061 - T6 Square Tubing



- Specifications: ASTM B 221
- Stocked in 20 foot lengths

Size	Wall	Lbs/Ft	Lbs/Length	Part Number
1	.125	.526	10.520	627420
1 1/4	.125	.674	13.480	627519
1 1/2	.125	.825	16.500	627527
1 1/2*	.140	.844	17.700	512895***
1 1/2	.250	1.500	30.000	630716
2	.083	.763	15.260	640339
2*	.125	1.126	23.646	486280**
2	.125	1.126	22.520	639388
2	.156	1.354	27.080	419275
2	.190	1.636	32.720	485056
2	.250	2.100	42.000	432906
2*	.250	2.100	42.000	297275
2 1/2	.095	1.097	21.940	640347
2 1/2	.125	1.425	28.500	642187
2 1/2	.250	2.700	54.000	560123
3*	.125	1.709	34.180	487090
3*	.188	2.502	50.040	421345
3	.219	2.923	58.400	502646

* Radius Corner
 ** 21 FT Length
 *** 21' 1" Lengths

Size	Wall	Lbs/Ft	Lbs/Length	Part Number
3*	.250	3.108	62.160	626343
4*	.125	2.309	46.180	487082
4*	.188	3.439	68.780	486298
4*	.250	4.436	88.720	487074
4	.250	4.500	90.000	421256
4	.375	6.524	130.480	421248
4	.500	8.400	168.000	512081
5*	.250	5.635	112.700	559009
5	.250	5.700	114.000	647836
6	.250	6.835	136.700	636364
6*	.250	6.835	136.700	513574
6	.375	10.124	206.690	619029
6	.500	13.200	264.000	623955
8	.1875	6.838	136.760	677467
8	.250	9.110	182.280	631592
8	.375	13.728	274.560	624105
8	.500	17.640	352.800	623963

6063 - T52 Square Tubing

- Specifications: ASTM B 221
- Stocked in 21' 1" foot lengths

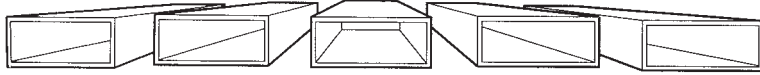
Size	Wall	Lbs/Ft	Lbs/Length	Part Number
3/4*	.110	0.322	8.050	485488**
3/4	.125	0.375	7.910	260383
1*	.062	0.279	6.975	490475
1*	.110	0.454	11.350	486303**
1	.125	0.526	11.100	136770
1*	.125	0.526	11.100	235354
1 1/4	.125	0.674	14.200	130596
1 1/2*	.125	0.809	17.056	642200
1 1/2	.125	0.825	17.394	136788
1 3/4	.125	0.974	20.535	453261
2	.125	1.126	23.739	136796
3	.125	1.730	36.470	228941
3	.250	3.301	69.596	415962
4	.125	2.334	49.209	421167
4	.250	4.500	94.860	416007

* Radius Corner
 ** 25 FT Lengths

Dimensions are in inches. All weights are approximate.

Aluminum Tubing

6061 - T6 Rectangular Tubing



- Specifications: ASTM B 221
- Stocked in 20 foot lengths, sharp corners

Size	Wall	Lbs/Ft	Lbs/Length	Part Number
1 x 1 1/2	.125	.691	16.572	636801
1 x 2	.125	.824	16.480	627438
1 x 2*	.188	1.145	22.900	660533
1 x 6	.125	2.024	40.480	670499
1 1/2 x 2 1/2	.125	1.103	23.255	666424
1 1/2 x 3	.125	1.275	31.875	634469
2 x 3*	.125	1.409	28.180	487105
2 x 3	.125	1.409	28.180	639396
2 x 3	.250	2.700	54.000	511043
2 x 4	.125	1.726	34.520	639401
2 x 4**	.250	3.278	69.111	659663
2 x 4*	.188	2.495	49.900	631974
2 x 4	.375	4.726	94.520	623599
2 x 5	.125	2.025	40.500	661995
2 x 6	.125	2.326	46.250	640680
2 x 6	.250	4.500	90.000	660787
2 x 8	.125	2.924	58.480	634168
2 x 8**	.250	5.678	119.710	631623
2 1/2 x 3 1/2*	.218	2.806	56.120	594350
2 1/2 x 3 1/2*	.250	3.348	66.960	633510

* Radius Corner
** 21 FT Lengths

Size	Wall	Lbs/Ft	Lbs/Length	Part Number
3 x 4*	.190	2.921	61.341	623785**
3 x 4	.250	3.900	78.000	420420
3 x 5	.188	3.372	67.440	596807
3 x 6	.188	3.931	78.626	676110
3 x 6*	.250	5.036	100.720	624121
3 x 6	.250	4.998	99.960	637124
4 x 6	.250	5.636	112.700	634223
4 x 6*	.250	5.636	112.720	506242
4 x 8	.250	6.762	135.240	631584
4 x 8	.375	10.126	213.489	545026
5 x 8	.375	10.805	216.100	623971
6 x 8	.375	11.925	238.500	623997

6063 - T52 Rectangular Tubing

- Specifications: ASTM B 221
- Stocked in 21'1" lengths, sharp corners

Size	Wall	Lbs/Ft	Lbs/Length	Part Number
3/4 x 1 1/2*	.125	.600	12.650	626775
1 x 1 1/2	.125	.676	14.253	593972
1 x 2*	.062	.428	10.700	491316
1 x 2	.125	.824	17.373	136801
1 x 2*	.125	.824	20.600	485690
1 x 3	.125	1.126	23.739	416031
1 x 4	.125	1.424	30.023	517358
1 1/2 x 2	.125	.971	20.472	136819
1 1/2 x 2 1/2	.125	1.103	23.255	420975
1 1/2 x 3	.188	1.861	37.220	594384
1 3/4 x 3	.125	1.350	28.462	627991
2 x 3	.125	1.412	29.769	135960
2 x 4	.125	1.726	36.389	416065
2 x 5	.125	2.025	42.693	475459
2 x 6	.125	2.326	49.040	491942

* Radius Corner
Dimensions are in inches. All weights are approximate.

NOTES

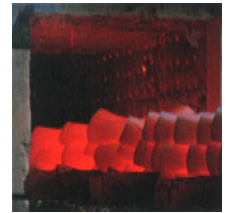
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