

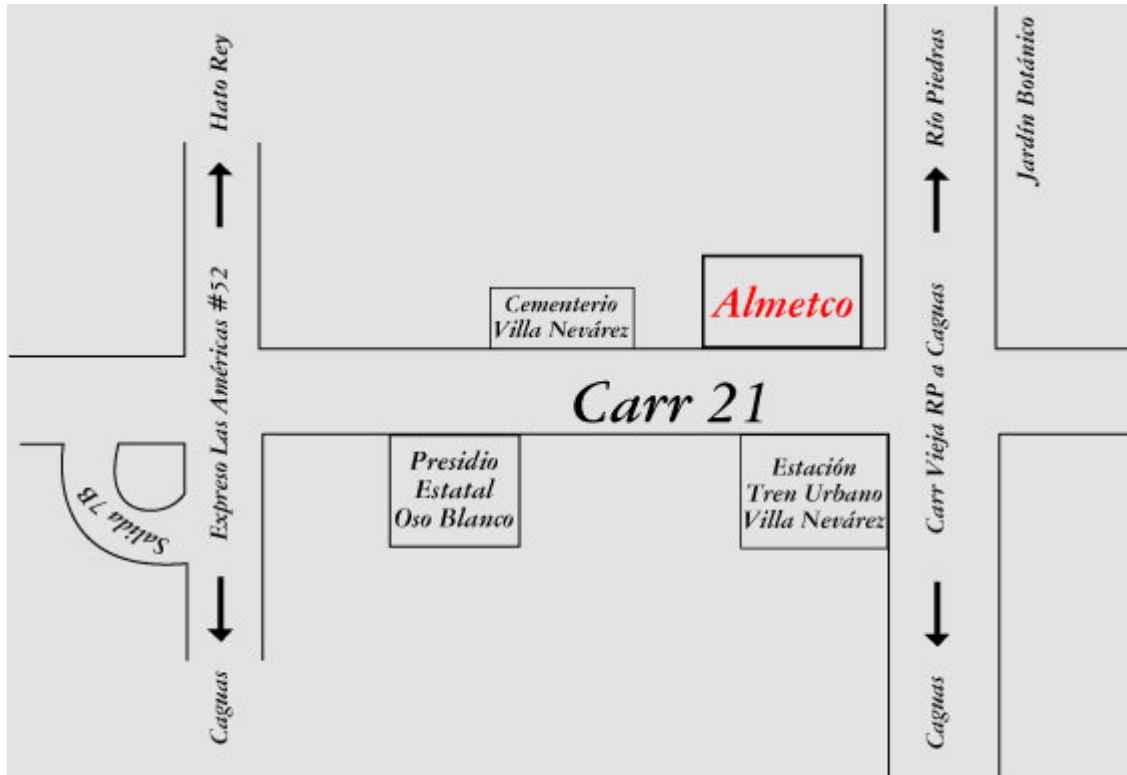


ALMETCO

Aluminum & Metal Services Corp.

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Aluminum Information (Al)



Aluminum — is one of the earth's most abundant metallic elements. With the exception of oxygen and silicon, it is perhaps the most widely distributed of all the elements. Obtained principally from bauxite, alumina (aluminum oxide) is a white metal with a slightly bluish coloration. Pure (99.9%) aluminum melts at 1220°F (660°C). Its density is .097 lbs / in³ and has approximately two-thirds

the thermal and electrical conductivity of copper, and it is nonmagnetic. Aluminum has a high strength-to-weight ratio, is resistant to tarnishing and corrosion, and has an attractive silvery appearance.

Aluminum is an extremely versatile material, it may be cast or wrought, it is available in a variety of alloys and tempers, and it accepts many different kinds of surface finishes, including anodic treatments. Machinability is considered easy and it can be soldered and welded.

1100 — This aluminum alloy contains a very small amount of copper and exhibits superior corrosion resistance, high thermal and electrical conductivity, excellent workability and is readily welded and brazed. Typical uses include chemical equipment, spun hollow ware, heat exchanger fins and general sheet metal use. Non-heat treatable.

2011 — Alloyed with copper, this aluminum exhibits good machinability and mechanical properties. It has excellent free-cutting properties, and is used to produce screw machine products, and tube and hose components.

2024 — Hardware, fittings and structural components made of these “aircraft alloys” are used extensively in the aircraft and transportation industries. Used where good strength to weight ratio is required, this high-strength Aluminum has excellent fatigue resistance and can be machined to a fine finish. It may be formed in the annealed condition and can be heat treated. It is rated only “fair” for welding, although spot welding and seam welding are commonly practiced.

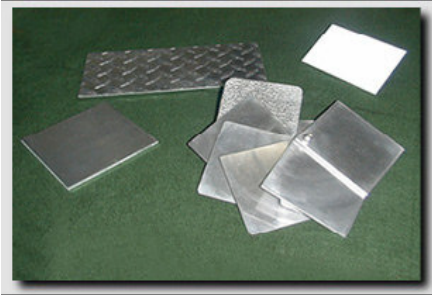
3003 — This Aluminum / Manganese alloy has been strain hardened and is widely used as a general purpose alloy for moderate strength applications requiring good workability. Responds well to many processes, including welding, forming, drawing and bending.

5052 — An Aluminum / Manganese alloy, strain hardened and stabilized. It has moderate to high strength, and is non-heat treatable. Good welding characteristics and high resistance to corrosion in marine environments. A common sheet metal.

6061 — This Aluminum / Silicon / Magnesium alloy has been solution heat treated and artificially aged. Machines well with excellent welding qualities. Resists stress cracking. Good formability with medium strength and high corrosion resistance. Used in many heavy-duty structures, particularly for transportation and marine applications.

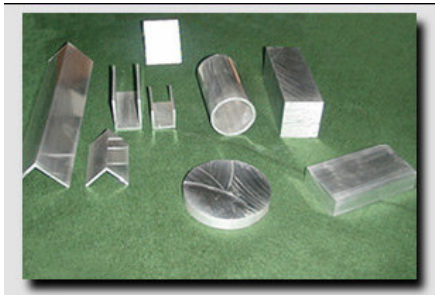
6063 — Alloyed with Magnesium and Silicon, this wrought Aluminum has been thermally treated and artificially aged. Machines well with excellent brazing and welding qualities, making it a popular choice for architectural extrusions and furniture applications. Resists stress cracking and has good formability with medium strength and high corrosion resistance.

Note: The information is provided as a guideline. If you require exact specification please contact an Aluminum & Metal Services Representative to obtain this information for a specific lot.



Aluminum Flat Products

Aluminum Flat Products - comes in alloys 1100, 3003 and 5052 from common fabricating applications and in 2024, 6061, 6063 and 7075 for high precision products and aircraft maintenances. Gauges are from .016" up to 4.0" thick, in mill finish, painted in several colors and anodized. Diamond Tread Plate comes from bright .060" up to .375 thick.



Extrusions

Extrusions - angles, tubes, pipes, channels, round bars, rectangular bars and beams manufactured in alloys 6063 and 6061, mill finish, painted and anodized.



Coils

Coils - from .016" x 36" wide up to .190" x 60", in alloys 1100, 3003 and 5052, mill finish or painted. These materials can be leveled and cut to length or slit to customer's requirements.



Stainless Steel

Stainless Steel - product inventory includes extrusions, coil and flat sheets in gauges 10 up to 24, alloy 304 #3 polished finish and Diamond Tread Plate in .125" and .250" thick.



Accessories

Accessories - we have in our inventory stainless steel and aluminum nuts, bolts and blind rivets of several sizes and styles. A full stock of the Hollaender line of products for pipe railing and handrail is also available.

ALMETCO

Aluminum & Metal Services Corp.

Aluminum & Metal Services Corp. (ALMETCO) is the premier metal service center serving Puerto Rico, the Caribbean Region and the east coast of the United States. With over 50 years experience serving the aluminum and stainless steel markets, **ALMETCO** is well positioned to supply local and multinational companies, OEM'S, machine shops and the general public.



What is a Metal Service Center?

Metal Service Centers are the key link in the supply chain for most users of metals. Service centers:

- Buy from metal producers (mills) in large quantities.
- Warehouse the metal close to the customer.
- Transform the metal into a form that can be used by the customers.
- Provide services ranging from credit to just-in-time inventory management and even full supply chain management for customers.
- Sell relative small quantities to a very large number of customers.

With over \$2.0 million in inventory, **ALMETCO** stocks: angles, channels, tubes, bars, coils, sheets, tread plates, expanded metal, plates, other extruded shapes, screws, bolts and accessories in general. Aluminum extrusions come in alloys 6063 and 6061 mill finish, painted and anodized in various colors. Aluminum flat products come in alloys 1100, 3003 and 5052 for common fabricating applications and 2024, 6061 and 7075 for more sophisticated uses such as high precision parts and aircraft maintenance in gauges from .016" up to 4" thick. The stainless steel products inventory is also ample. It includes standard shapes, coil and sheet in gauges 10 to 24, alloy 304 #3 polished finish, and diamond tread plate alloy 304, .125" and 250" thick.

ALMETCO not only has a wide variety of products but also the most modern machinery and experienced personnel for its processing. Among these, two cut-to-length lines capable of processing coils from .016" to .190" thickness and up to 60" wide, 36" and 76" slitters with tolerance of $\pm .005$ ", and a shear capable of processing steel plates up to .250" in thickness and 12' in length. Various benders are also available capable of processing .125" gauge material up to 12' in length. All this equipment allows **ALMETCO** to serve the most demanding multinational companies, as well as many local manufacturers and the general public.



With over 40,000 square feet of warehouse space and ample parking facilities, **ALMETCO** is conveniently located on Road #21 Km 0.3, Rio Piedras, in former Ventanas Nevárez Building. Our business hours are 7:30 AM to 4:00 PM, Monday thru Friday.



3003 - H14 ALUMINUM FLAT SHEET – MILL FINISH

Federal Spec. QQ-A-250/2c Bends and forms well. Good for sheet metal work.

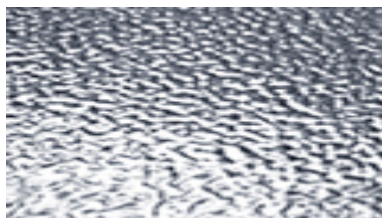
THICKNESS-INCHES	SIZE-INCHES	POUNDS SQ FT	POUNDS PC
.016 (1/64)	34" x 76"	.228	4.09
	36" x 96"	"	5.47
.020	36" x 96"	.285	6.84
	36" x 120"	"	8.55
	48" x 96"	"	9.12
	48" x 120"	"	11.40
.025	48" x 96"	.356	11.39
	48" x 120"	"	14.24
.032	48" x 96"	.456	14.59
	48" x 120"	"	18.24
.040	48" x 96"	.570	18.24
	48" x 120"	"	22.80
	48" x 144"	"	27.36
.050	48" x 96"	.713	22.82
	48" x 120"	"	28.52
	48" x 144"	"	34.22
.063	36" x 96"	.898	21.55
	36" x 120"	"	26.94
	36" x 144"	"	32.33
	48" x 96"	"	28.74
	48" x 120"	"	35.92
	48" x 144"	"	43.10
.080	36" x 96"	1.139	27.34
	36" x 120"	"	34.17
	36" x 144"	"	54.67
	48" x 96"	"	36.44
	48" x 120"	"	45.56
	48" x 144"	"	54.67
.090	48" x 144"	1.283	61.58
.125	48" x 96"	1.782	57.02
	48" x 120"	"	71.28
	48" x 144"	"	85.90
	60" x 144"	"	106.92
.190	48" x 120"	2.71	108.40
.250	48" x 144"	3.57	171.36

5052 H-32 ALUMINUM FLAT SHEET – MILL FINISH
Federal Spec. QQ-A-250/8d Excellent for panels – Formable and weldable

THICKNESS-INCHES	SIZE-INCHES	POUNDS SQ FT	POUNDS PC
.063	36" x 96"	.880	21.12
	36" x 120"	"	26.40
	36" x 144"	"	31.68
	48" x 96"	"	28.16
	48" x 120"	"	35.20
.080	36" x 96"	1.116	26.78
	36" x 120"	"	33.48
	36" x 144"	"	40.17
	48" x 96"	"	35.71
	48" x 120"	"	44.64
	48" x 144"	"	53.56
.125	36" x 96"	1.746	41.90
	36" x 120"	"	52.38
	36" x 144"	"	62.85
	48" x 96"	"	55.87
	48" x 120"	"	69.84
	48" x 144"	"	83.81
	60" x 144"	"	104.76

3003 H-14 FLAT SHEET STUCCO – Good for sheet metal work.

.025 (Coil)	48" x 96"	.356	11.39
	48" x 120"	"	14.24
WHITE-WHITE .032	48" x 96"	.460	14.72
	48" x 120"	"	18.40
.040	48" x 96"	.570	18.24
	48" x 120"	"	22.80
.063	48" x 96"	.898	28.74
	48" x 120"	"	35.92



6061-T651 ALUMINUM TYPE 200 TOOLING PLATE – MILL FINISH

Federal Spec QQ-A-250/11e Strong, weldable, corrosion resistant

THICKNESS-INCHES	SIZE-INCHES	POUNDS SQ FT	POUNDS PC
.250	48 ½" x 144 ½"	3.640	177.10
.375	48 ½" x 144 ½"	5.454	265.00
.500	48 ½" x 144 ½"	7.270	354.00
.625	48 ½" x 144 ½"	9.09	442.41
.750	48 ½" x 144 ½"	10.92	531.00
1.00	48 ½" x 144 ½"	14.54	708.00
1.25	48 ½" x 144 ½"	18.55	903.00
1.50	48 ½" x 144 ½"	21.81	1061.00
2.00	48 ½" x 144 ½"	29.08	1415.00
4.00	48" x 48"	58.16	931.00

2024 T-3 ALUMINUM SHEET MILL FINISH

1.00"	48 ½" x 144 ½"	14.84	722.00
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7075 T-352 ALUMINUM SHEET – MILL FINISH

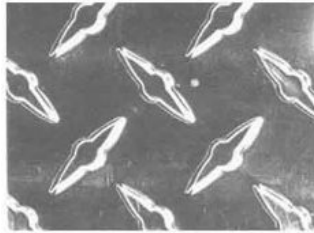
1 ¾"	48 ½" x 144 ½"	25.452	1238.75
2 ½"	48" x 144"	36.360	1769.64

3003 H-22 TREAD SHEET BRIGHT FINISH DIAMOND PLATE

.060	48" x 192"	0.85	54.40
.125 (Diamond)	48" x 192"	1.92	123.00
.125 (5 Bar)	48" x 192"	"	"
.188 (Diamond)	48" x 192"	2.79	179.00

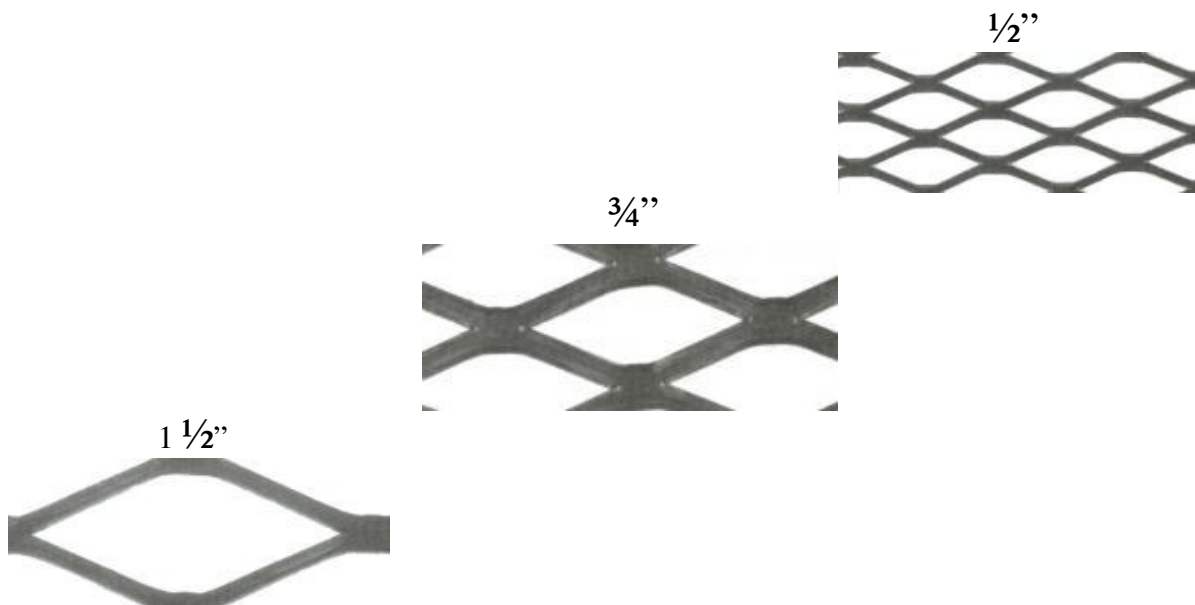
6061 T-6 TREAD PLATE PATTERN C-102 DIAMOND PLATE M.F.

THICKNESS-INCHES	SIZE-INCHES	POUNDS SQ FT	POUNDS PC
.250 (5Bar)	48" x 192"	3.67	235.00
.375 (Diamond)	48" x 192"	5.43	348.00



5005 H-34 FLAT EXPANDED METAL SHEET

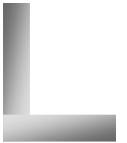
1/2" x .051	48" x 96"	.25	8.04
1/2" x .081	48" x 96"	.40	12.71
3/4" x .081	48" x 96"	.38	12.16
3/4" x .125	48" x 96"	.61	19.52
1 1/2" x .125	48" x 96"	.40	12.80






6063-T5 ARCHITECTURAL EXTRUDED ALUMINUM ANGLES – EQUAL LEGS
Federal Spec. QQ-A 200/9 20 Foot Lengths

SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
1/2" x 1/2"	1/16"	.070	1.40
	1/8"	.131	2.62
3/4" x 3/4"	1/16"	.109	2.18
	1/8"	.206	4.12
1" x 1"	1/16"	.144	2.88
	1/8"	.281	5.62
	3/16"	.407	8.14
1 1/4" x 1 1/4"	1/8"	.356	7.12
	3/16"	.522	10.44
1 1/2" x 1 1/2"	1/16"	.222	4.44
	1/8"	.431	8.62
	3/16"	.631	12.62
	1/4"	.826	16.52
1 1/2" x 2 1/2"	1/8"	.569	11.38
1 3/4" x 1 3/4"	1/8"	.506	10.12
	3/16"	.746	14.92
2" x 2"	1/16"	.293	5.86
	1/8"	.581	11.62
	3/16"	.856	17.12
	1/4"	1.125	22.50
2" x 2 1/2"	1/8"	.937	18.74
3" x 3"	1/8"	.881	17.62
	3/16" (18')	1.304	23.47
4" x 4"	1/8"	1.881	37.62




6063-T5 ARCHITECTURAL EXTRUDED ALUMINUM ANGLES – UNEQUAL LEGS
Federal Spec. QQ-A 200/9 20 Foot Lengths

SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
1 ½" x 2"	1/8"	.506	10.12
2" x 1"	2/32" (0.94)	.328	6.56
4" x 3"	1/4"	1.988	49.70



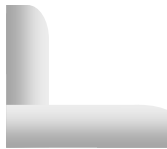
6061 T-6 STRUCTURAL EXTRUDED ALUMINUM ANGLES – EQUAL LEGS
Federal Spec. QQ-A 25 Foot Lengths

2" x 2"	1/4"	1.11	27.75
2" x 2"	3/8"	1.61	40.25
2 ½" x 2 ½"	1/4"	1.41	35.25
3" x 3"	1/4"	1.68	42.00
	3/8"	2.47	61.75
4" x 4"	1/4"	2.28	57.00
	3/8"	3.37	84.25
4" x 6"	3/8"	4.237	105.93
5" x 3"	3/8"	3.35	83.75
5" x 5"	3/8"	4.28	107.00
6" x 6"	3/8"	5.12	128.00



6061 T-6 STRUCTURAL EXTRUDED ALUMINUM ANGLES – UNEQUAL LEGS
Federal Spec. QQ-A 25 Foot Lengths

2" x 2 ½"	3/16"	.961	24.03
3" x 2"	1/4"	1.40	35.00
6" x 8"	3/4"	11.68	292.00



6061 T-6511 EXTRUDED ALUMINUM RECTANGULAR BAR
 SHARP CORNERS - MILL FINISH
 Federal Spec. QQ-A-200/8 12 Foot Lengths



SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
1/2"	3/4"	.450	5.40
	1"	.600	7.20
	1 1/2"	.900	10.80
	2"	1.200	14.40
	3"	1.800	21.60
	4"	2.400	28.80
	6"	3.600	43.20
3/4"	1"	.900	10.80
	1 1/2"	1.350	16.20
	2"	1.800	21.60
	3"	2.700	32.40
	4"	3.600	43.20
	6"	5.292	63.50
1"	1 1/4"	1.500	18.00
	1 1/2"	1.800	21.60
	2"	2.400	28.80
	3"	3.600	43.20
	4"	4.800	57.60
	6"	7.056	84.67

6063 T-5 EXTRUDED ALUMINUM RECTANGULAR BAR
 SHARP CORNERS - MILL FINISH
 Federal Spec. QQ-A-200/9 20 Foot Lengths

1/8"	1/2"	.076	1.52
	3/4"	.113	2.26
	1"	.150	3.00
	1 1/4"	.188	3.76
	1 1/2"	.225	4.50
	2"	.300	6.00
	3"	.450	9.00
	4"	.600	12.00
3/16"	1/2"	.114	2.28
	3/4"	.168	3.36
	1"	.224	4.48
	1 1/2"	.337	6.74
	2"	.450	9.00
	3"	.673	13.46

6063 T-5 EXTRUDED ALUMINUM RECTANGULAR BAR
SHARP CORNERS - MILL FINISH
Federal Spec. QQ-A-200/9 20 Foot Lengths

SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
1/4"	1/2"	.150	3.00
	3/4"	.225	4.50
	1"	.300	6.00
	1 1/2"	.450	9.00
	2"	.600	12.00
	3"	.900	18.00
	4"	1.20	24.00
	6"	1.80	36.00
3/8"	1/2"	.225	4.50
	1"	.450	9.00
	1 1/2"	.676	13.52
	2"	.900	18.00
	3"	1.350	27.00
	4"	1.800	36.00

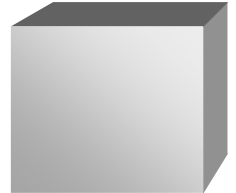
2024 T-4 EXTRUDED ALUMINUM RECTANGULAR BAR
MILL FINISH 12 Foot Lengths

1/4"	3/4"	.227	2.72
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6063 T-5 EXTRUDED ALUMINUM SQUARE BAR
SHARP CORNERS - MILL FINISH
Federal Spec. QQ-A-200/9 16 Foot Lengths

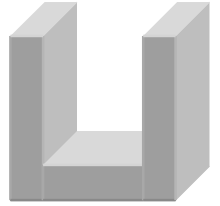
SIZE-INCHES	LBS PER FOOT	LBS PER LENGTH
3/8" x 3/8"	.169	2.70
1/2" x 1/2"	.269	4.30
5/8" x 5/8"	.464	7.42
3/4" x 3/4"	.676	10.82
1" x 1"	1.20	19.20



6061 T-6 EXTRUDED ALUMINUM SQUARE BAR
SHARP CORNERS - MILL FINISH
12 Foot Lengths

1/2" x 1/2"	.300	3.60
1" x 1"	1.200	14.40
1 1/4" x 1 1/4"	1.84	22.08
1 1/2" x 1 1/2"	2.64	31.68
2" x 2"	4.70	56.40
3" x 3"	10.584	127.01
4" x 5"	18.816	225.79

6063 T-5 ARCHITECTURAL EXTRUDED ALUMINUM CHANNELS
MILL FINISH - EQUAL LEGS
Federal Spec. QQ-A-200/9 20 Foot Lengths



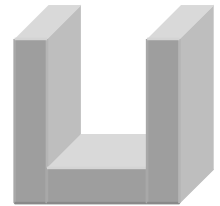
SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
3/8"	1/16"	.074	1.48
1/2" x 3/4"	1/8"	.263	5.26
1/2" x 1/2"	1/16"	.102	2.04
3/4" x 1/2"	1/16"	.121	2.42
3/4" x 3/4"	1/8"	.300	6.00
1" x 1/2"	1/8"	.263	5.26
1" x 1"	1/16"	.237	4.74
	1/8"	.413	8.26
1 1/4" x 3/4"	1/8"	.376	7.52
1 1/4" x 1 1/4"	1/8"	.526	10.52
1 1/2" x 1/2"	1/16"	.180	3.60
	1/8"	.337	6.74
1 1/2" x 1 1/2"	1/8"	.637	12.74
1 1/2" x 2"	1/8"	.787	15.74
1 3/4" x 3/4"	1/8"	.450	9.00
2" x 1/2"	1/8"	.413	8.26
2" x 1"	1/8"	.563	11.26
2" x 3"	1/8"	1.163	23.26
3" x 1"	1/8"	.713	14.26
4 1/8" x 1"	1/16"	.446	8.92

6063 T-5 STRUCTURAL EXTRUDED ALUMINUM CHANNELS
MILL FINISH - 25 Foot Lengths

SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
3" x 1.41	.170	1.452	29.04
4" x 1.58	.180	1.884	37.68

6061 T-6 ALUMINUM STRUCTURAL STANDARD CHANNEL
MILL FINISH - 25 Foot Lengths

3" x 1 3/4"	.17 x .26	1.597	39.93
4" x 2 1/4"	.19 x .29	2.331	58.28
5" x 1 3/4"	.190 x 25'	2.317	57.93
5" x 2 1/4"	.15 x .26	2.212	55.30
6" x 3 1/4"	.21 x .35	4.030	100.75
7" x 2.194"	.314 x 25'	4.232	105.80
8" x 2.343"	.303 x 25'	4.750	118.75
10" x 2.600"	.240 x 25'	5.280	132.00
12" x 3 1/4"	1/2" x 25'	10.38	259.50



6063 T-5 STRUCTURAL EXTRUDED DOUBLE CHANNELS
MILL FINISH - 20 Foot Lengths

1" x 7/8"	1/16"	.270	5.40
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6063 T-5 CHANNEL CASING MILL FINISH - 20 Foot Lengths

4 inches wide	.601	12.02
5 inches wide	.660	13.20
6 1/2" inches wide	.960	19.20

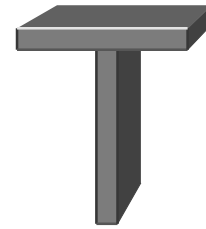


OTHER SHAPES

SIZE-INCHES	POUNDS SQ FT	POUNDS PC
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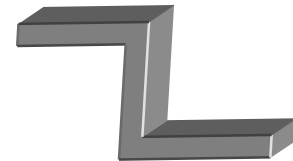
T BAR

3/4" x 1 1/4" x 1/8" x 16'	.281	4.50
1" x 1" x 1/8" x 20'	.281	5.62
1 1/4" x 7/8" x 1/8" x 20'	.300	6.00
2" x 2 1/8" x 1/8" x 20'	.602	12.04
3" x 3" x 1/8" x 20'	.881	17.62



ARCHITECTURAL ZEES 6063 T-5

1"x 1" x 1/16" x 16'	.236	3.78
1 1/2" x 1" x 1 1/2" x 20'	.564	11.28
3" x 1/4" x 2 11/16" x 25'	2.371	59.28



ZEE BAR 6061 T-6

4.062" x 3.125" x 5/16" x 25'	3.65	91.25
4.0" x 3.062" x 1/4" x 25'	2.905	72.63

I BEAMS 6063 T-5

1 11/16" x 1 1/4" x 1/16" 16'	.341	5.46
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I BEAMS 6061 T-5

4" x 3" x .23 x .15 x 20'	2.311	46.22
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H BEAM 6061 T-6

6.00" x 5.938" x .250 x 25'	8.809	220.25
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MISCELLANEOUS EXTRUDED SHAPES MILL FINISH

SIZE-INCHES	POUNDS SQ FT	POUNDS PC
PORTA DOMINO10' (SET DE 4PCS.)	.368	3.68
BRACKET FOR PIPE x 84 1/4"	2.16	15.66 *^
BRACKET FLAT x 8'	2.778	22.22 *^

* C.T.E. Con tornillos y expansiones

^ C.T.E. Con tornillos y expansiones

STAIR NOSING

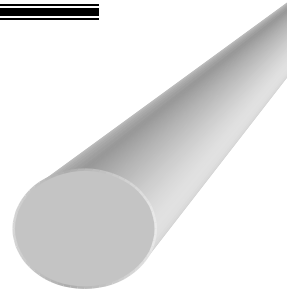
2 1/2" x 1 1/2" x 20'	.436	8.72
3" x 3/4" x 16' (c/ref)	.680	10.88
Floor Bracket 10' -2 x 2 tube	1.031	10.31
Canal Pizarra x 8'1	.150	1.20
Tizero x 8' 1/2"	.361	2.91
"H" Pizarra x 20'2"	.120	2.40

WIND BEAM

A 1574 x 25'	1.208	30.20
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6061 T-6 ALUMINUM ROUND ROD MILL FINISH - 12 Foot Lengths

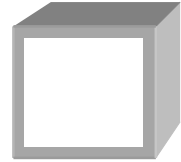
DIAMETER-INCHES	POUNDS SQ FT	POUNDS LENGTH
1/8"	.0149	.18
3/16"	.034	.41
1/4"	.060	.72
5/16"	.094	1.13
3/8"	.140	1.68
1/2"	.240	2.88
5/8"	.360	4.32
3/4"	.540	6.48
1"	.960	11.52
1 1/4"	1.500	18.00
1 1/2"	2.11	25.32
2"	3.76	45.12
2 1/2"	5.87	70.44
3"	8.45	101.40
4"	15.21	182.52
4 1/2"	18.704	224.44
5"	23.46	281.52
6"	33.88	406.56
7"	45.21	542.54
8"	59.0508	708.61



6063 T-5 ALUMINUM ROUND ROD MILL FINISH
16 Foot Lengths

3/8"	.133	2.13
1/2"	.236	3.78

6063 T-5 ALUMINUM EXTRUDED SQUARE TUBES
Sharp Corners Mill Finish - 20 Foot Length



SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
3/4" x 3/4"	1/16"	.205	4.10
	1/8"	.376	7.52
5/8" x 5/8"	1/16"	.169	3.38
7/8" x 7/8"	1/16"	.242	4.84
1" x 1"	1/16"	.280	5.60
	1/8"	.526	10.52
1 1/4" x 1 1/4"	1/8"	.676	13.52
1 1/2" x 1 1/2"	1/16"	.428	8.56
	1/8"	.826	16.52
1 3/4" x 1 3/4"	1/8"	.975	19.50
2" x 2"	1/16"	.577	11.54
	1/8"	1.126	22.52
3" x 3"	1/8"	1.1726	34.52
4" x 4"	1/8"	2.325	46.50

6063 T-5 ALUMINUM EXTRUDED SQUARE TUBES
Sharp Corners Clear Anodized - 20 Foot Length

1" x 1"	.056 (1FIN)	.301	6.02
	.056 (2FIN)	.346	6.92

6063 T-5 ALUMINUM EXTRUDED RECTANGULAR TUBE
Sharp Corners Mill Finish - 20 Foot Length

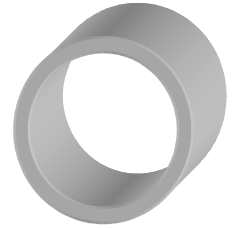


SIZE-INCHES	THICKNESS-INCHES	POUNDS SQ FT	POUNDS PC
3/4" x 1 1/2"	1/8"	.600	12.00
1" x 2"	.078	.562	11.24
1" x 2"	1/8"	.826	16.52
1" x 3"	.093	.851	17.02
1 1/2" x 3"	.080	.833	16.66
	1/8"	1.276	25.52
1 3/4" x 3"	.078	.860	17.20
1 3/4" x 4"	.070	.943	18.86
	1/8"	1.650	33.00
2" x 3"	1/8"	1.426	28.52
2" x 5"	1/8"	2.026	40.52

6063 T-5 ALUMINUM EXTRUDED RECTANGULAR TUBE
Sharp Corners Mill Finish - 24 Foot Length

1" x 4"	1/8"	1.438	34.50
2" x 6"	1/8"	2.400	57.60

3006 H-14 ALUMINUM DRAWN SEAMLESS ROUND TUBE
Mill Finish – 12 Foot Length



O.D. DIAMETER	THICKNESS	I.D. DIAMETER	POUNDS FOOT	POUNDS PC
3/8"	.049	.277	.058	.70
3/4"	.035	.680	.093	1.12
1 1/4"	.035	1.120	.288	3.46
1 1/2"	.035	1.375	.191	2.29
1 3/4"	.035	1.680	.224	2.69

6061 T-76 ALUMINUM DRAWN SEAMLESS ROUND TUBE
Mill Finish – 12 Foot Length

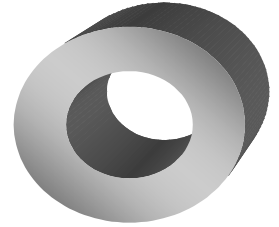
3/4"	.049	.666	.127	1.52
1	.055	.945	.187	2.24
2	.070	1.930	.51	10.20

STORE FRONT EXTRUDED SHAPES
Clear, Bronze Anodized and White Painted

DESCRIPTION	SIZE-INCHES	LENGTHS- INCHES	PICTURE
Channel	1/2" x 1/2" x 1/16"	24'2"	
	1 3/4" x 4" 1 Fin	24'2"	
Rectangular Tube	1 3/4" x 4"	24'2"	
	1 3/4" x 4" 1 Fin	24'2"	
	1 3/4" x 4" 2 Fin	24'2"	
Square Tube	1 3/4" x 1 3/4" x .090	24'2"	
	4" x 4" x .125	24'2"	
	1" x 1" x .056 1 Fin *	20'	
	1" x 1" x .056 2 Fin *	20'	

* Only Clear Anodized Finish

6063 T-5 ALUMINUM PIPE SCHEDULE 40
Mill Finish 20 Foot Length



NPS-INCHES	O.D. INCHES	WALL THICKNESS	I.D. INCHES	POUNDS FT.	POUNDS PC
1/4"	.540	.088	.364	.147	2.94
3/8"	.675	.091	.493	.196	3.92
1/2"	.840	.109	.622	.300	6.00
3/4"	1.050	.113	.824	.400	8.00
1"	1.315	.133	1.049	.593	11.86
1 1/4"	1.660	.140	1.380	.803	16.06
1 1/2"	1.900	.145	1.610	.959	19.18
2"	2.375	.154	2.067	1.290	25.80
2 1/2"	2.846	.203	2.409	2.140	42.80
3"	3.500	.216	3.068	2.674	53.48
3 1/2"	4.000	.226	3.548	3.216	64.32
4"	4.500	.237	4.026	3.809	76.18
6"	6.00	.250	5.500	6.600	132.00

6063 T-5 EXTRUDED SHAPES FOR STREET NAME SIGNS

DESCRIPTION	POUNDS SQ. FT.	POUNDS PC
Blade Street Name Sign 10'5"	1.014	10.65
Blade Painted White 24 3/4"		2.10
Street Name Sign Bracket 12'	.734	8.81
Sign Bracket 6 3/4" Perforado		.48

6005 T-5 MANHOLE STEPS EXTRUDED Meets ASTM-B221 and OSHA 1910.27 Standards for fixed Ladders

#20100 7/8" x 13/16"	3.200	
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6063 T-5 ALUMINUM HANDRAIL Mill Finish 20 Foot Lengths

A-814	.701	14.02
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6063 T-5 ALUMINUM THRESHOLDS con Felpa Mill Finish 12'1 Foot Lengths

4"	.620	7.44
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6063 T-5 ALUMINUM THRESHOLDS (saddles) Mill Finish 18'3" Foot Lengths

2 1/2"	.384	7.01
4"	.977	17.98
4 1/2"	.721	13.16
5"	1.223	24.46

Stainless Steel

STAINLESS STEEL 304 - SQUARE TUBE

DESCRIPTION	POUNDS SQ. FT.	POUNDS PC.
1" x 1" x .065 x 20'	.827	16.54
1" x 1" x .120 x 20'	1.436	28.72
1 1/2" x 1 1/2" x .065 x 20'	1.270	25.40
1 1/2" x 1 1/2" x .120 x 20'	2.252	45.04
2" x 2" x .083 x 20'	2.140	42.80
2" x 2" x .120 x 20'	3.068	61.36
3" x 3" 1/8" x 20'	4.700	94.00
3" x 3" x 1/4" x 20'	9.250	185.00

STAINLESS STEEL 304 - SQUARE BAR

5/16" x 5/16" x 12'	.333	4.00
3/8" x 3/8" x 12'	.483	5.80
1/2" x 1/2" x 12'	.850	10.20
3/4" x 3/4" x 12'	1.913	22.96
1" x 1" x 12'	3.400	40.80

STAINLESS STEEL 304 - ROUND ROD

1/8" x 12'	.042	.50
3/16" x 12'	.094	1.13
1/4" x 12'	.167	2.00
3/8" x 12'	.375	4.51

STAINLESS STEEL 304 – ROUND ROD

DESCRIPTION	POUNDS SQ. FT.	POUNDS PC.
1/2" x 12'	.668	8.01
5/8" x 12'	1.043	12.52
3/4" x 12'	1.502	18.02
1" x 12'	2.670	32.04
1 1/4" x 12'	4.172	50.25
1 1/2" x 12'	6.008	72.25
2" x 12'	10.680	128.25

STAINLESS STEEL 304 – ANGLE

3/4" x 3/4" x 1/8" x 20'	.590	11.80
1" x 1" x 1/8" x 20'	.800	16.00
1 1/2" x 1 1/2" x 1/8" x 20'	1.230	24.60
2" x 2" x 1/8" x 20'	1.650	33.00

STAINLESS STEEL 304 – PIPE SCHEDULE 40

1/2" x NPS x 20'	.859	17.18
3/4" x NPS x 20'	1.141	22.82
1" x NPS x 20'	1.985	33.90
1 1/4" x NPS x 20'	2.294	45.88
1 1/2" x NPS x 20'	2.743	54.86

STAINLESS STEEL 304 - RECTANGULAR BAR

DESCRIPTION	POUNDS SQ. FT.	POUNDS PC.
1/8" x 1/2" x 12'	.213	2.56
1/8" x 3/4" x 12'	.319	3.83
1/8" x 1" x 12'	.425	5.10
1/8" x 1 1/2" x 12'	.638	7.66
1/8" x 2" x 12'	1.280	15.36
3/16" x 3/4" x 12'	.478	5.74
3/16" x 1" x 12'	.638	7.66
3/16" x 1 1/2" x 12'	.957	11.48
1/4" x 1/2" x 12'	.425	5.10
1/4" x 3/4" x 12'	.638	7.66
1/4" x 1" x 12'	.850	10.20
1/4" x 1 1/2" x 12'	1.280	15.36
1/4" x 2" x 12'	1.700	20.40
3/8" x 2" x 12'	2.750	33.00

STAINLESS STEEL 304 - SHEETS #3


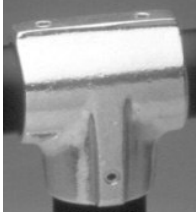
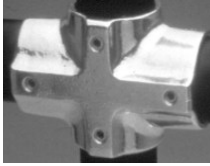
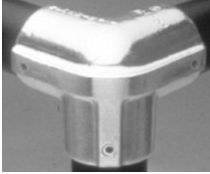

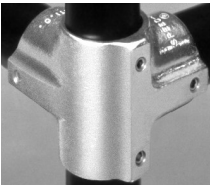

DESCRIPTION	POUNDS SQ. FT.	POUNDS PC.
4' x 8' SHEET GA 24	1.01	32.32
4' x 10' SHEET GA 24	1.01	40.40
4' x 8' SHEET GA 22	1.26	40.32
4' x 10' SHEET GA 22	1.26	50.40
4' x 8' SHEET GA 20	1.51	48.32
4' x 10' SHEET GA 20	1.51	60.40
4' x 8' SHEET GA 18	2.02	64.64
4' x 10' SHEET GA 18	2.02	80.80
4' x 8' SHEET GA 16	2.52	80.64
4' x 10' SHEET GA 16	2.52	100.80
4' x 8' SHEET GA 14	3.15	100.80
4' x 10' SHEET GA 14	3.15	126.00
4' x 8' SHEET GA 12	4.41	141.12
4' x 10' SHEET GA 12	4.41	176.40
4' x 8' SHEET GA 11	5.04	161.28
4' x 10' SHEET GA 11	5.04	201.60

STAINLESS STEEL 304 - DIAMOND PLATE



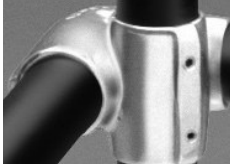

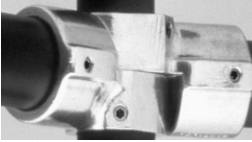

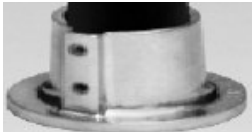
1/8" x 4' x 10'	6.15	246.00
1/4" x 4' x 8'	11.25	360.00

Accessories




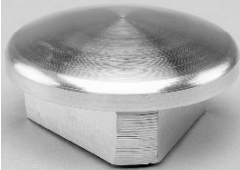
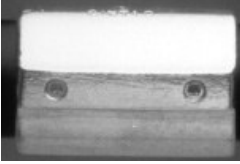
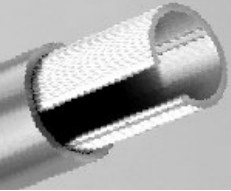
ALUMINUM SLIP-ON PIPE FITTINGS B-535.2
Manufactured by the Hollaender Manufacturing Co.
QQ-A-601E and QQ-371F Meets Military and Federal Specifications

DESCRIPTION	AVAILABLE SIZES	PICTURE
No. 3 Elbow	3/4" 1" 1 1/4" 1 1/2"	
No. 5 Tee	3/4" 1" 1 1/4" 1 1/2"	
No. 7 Cross	3/4" 1" 1 1/4" 1 1/2"	
No. 9 S.O. Elbow	3/4" 1" 1 1/4" 1 1/2"	
No. 10 Cross	3/4" 1" 1 1/4" 1 1/2"	
No. 11 S.O. Tee	3/4" 1" 1 1/4" 1 1/2"	
No. 13 S.O. Cross	3/4" 1" 1 1/4" 1 1/2"	

ALUMINUM SLIP-ON PIPE FITTINGS B-535.2
 Manufactured by the Hollaender Manufacturing Co.
 QQ-A-601E and QQ-371F Meets Military and Federal Specifications

DESCRIPTION	AVAILABLE SIZES	PICTURE
No. 17 Adj. Tee	3/4" 1" 1 1/4" 1 1/2"	
No. 19 Adj. Cross	3/4" 1" 1 1/4" 1 1/2"	
No. 20 Corner	3/4" 1" 1 1/4" 1 1/2"	
No. 30 B Swivel	3/4" 1" 1 1/4" 1 1/2"	
No. 30 C Adj. Swivel	3/4" 1" 1 1/4" 1 1/2"	
No. 41 Adj. Flange	3/4" 1" 1 1/4" 1 1/2"	
No. 43 Round Base Flange	3/4" 1" 1 1/4" 1 1/2"	

ALUMINUM SLIP-ON PIPE FITTINGS B-535.2
Manufactured by the Hollaender Manufacturing Co.
QQ-A-601E and QQ-371F Meets Military and Federal Specifications

DESCRIPTION	AVAILABLE SIZES	PICTURE
No. 45 Square Base Flange	3/4" 1" 1 1/4" 1 1/2"	
No. 47 Rect. Base Flange	3/4" 1" 1 1/4" 1 1/2"	
No. 50 Wall Flange	3/4" 1" 1 1/4" 1 1/2"	
No. 60 Fitting Plug	3/4" 1" 1 1/4" 1 1/2"	
No. 62 Pipe Plug	3/4" 1" 1 1/4" 1 1/2"	
No. 70 Coupling	3/4" 1" 1 1/4" 1 1/2"	
No. 70 E Coupling	1 1/4" 1 1/2"	

PHILLIPS PAN HEAD

10-16 x 3/4"



TEKS

8-18 x 1/2"

8-18 x 5/8"

8-18 x 3/4"

8-18 x 1"

10-16 x 3/4"

10-16 x 1"

12-14 x 3/4"

12-14 x 1"

12-14 x 1 1/2"

1/4"-14 x 3/4"

1/4"-14 x 1"



BONDED SEALING TEKS

10-16 x 3/4"

12-14 x 3/4"

12-14 x 1"

12-14 x 1 1/4"

12-14 x 1 1/2"

1/4" - 14 x 3/4"

1/4" - 14 x 1"



EXPANSION

Expansion 3/8" Short



BLIND POP RIVETS
OPEN END DOME HEAD RIVETS
Aluminum Body - Aluminum Mandrel

RIVET NUMBER	DIAMETER-INCHES	GRIP RANGE-INCHES
AD 34 ABS	1/32"	7/32"
AD 41 ABS	1/8"	3/16"
AD 42 ABS	1/8"	3/4"
AD 43 ABS	1/8"	5/16"
AD 44 ABS	1/8"	3/8"
AD 45 ABS	1/8"	7/16"
AD 46 ABS	1/8"	1/2"
AD 48 ABS	1/8"	5/8"
AD 410 ABS	1/8"	3/4"
AD 52 ABS	5/32"	9/32"
AD 53 ABS	5/32"	5/16"
AD 54 ABS	5/32"	3/8"
AD 56 ABS	5/32"	1/2"
AD 58 ABS	5/32"	5/8"
AD 62 ABS	3/16"	5/16"
AD 64 ABS	3/16"	7/16"
AD 66 ABS	3/16"	9/16"
AD 68 ABS	3/16"	11/16"
AD 610 ABS	3/16"	13/16"
AD 612 ABS	3/16"	15/16"
AD 616 ABS	3/16"	1 3/16"



OPEN END DOME HEAD LARGE FLANGE RIVETS
Aluminum Body - Carbon Steel Mandrel

AD 68 BS L.F.	3/16"	11/16"
AD 616 BS L.F.	3/16"	1 3/16"

BLIND POP RIVETS
OPEN END DOME HEAD LARGE FLANGE POP RIVETS
Aluminum Body - Aluminum Mandrel

RIVET NUMBER	DIAMETER-INCHES	GRIP RANGE-INCHES
AD 42 ABS L.F.	1/8"	1/4"
AD 44 ABS L.F.	1/8"	3/8"
AD 54 ABS L.F.	5/32"	3/8"
AD 64 ABS L.F.	3/16"	7/16"
AD 66 ABS L.F.	3/16"	9/16"
AD 68 ABS L.F.	3/16"	11/16"
AD 610 ABS L.F.	3/16"	1 1/16"
AD 612 ABS L.F.	3/16"	15/16"



CLOSE END DOME HEAD RIVETS
Aluminum Body - Aluminum Mandrel

AD 42 AH	1/8"	1/4"
AD 54 AH	5/32"	3/8"
AD 62 AH	3/16"	5/16"
AD 64 AH	3/16"	7/16"
AD 66 AH	3/16"	9/16"
AD 68 AH	3/16"	11/16"



OPEN END DOME HEAD RIVETS
Aluminum Body - Coated Carbon Steel Mandrel

AD 32 BS	1/4"	1/16"
AD 43 BS	1/8"	3/8"
AD 45 BS	1/8"	1/2"
AD 48 BS	1/8"	5/8"
AD 612 BS	3/16"	1"
AD 616 BS	1 1/4"	3/16"



BLIND POP RIVETS
OPEN END DOME HEAD RIVETS
Aluminum Body – Coated Carbon Steel Mandrel

RIVET NUMBER	DIAMETER-INCHES	GRIP RANGE-INCHES
AD 84 BS	1/4"	1/2"
AD 86 BS	1/4"	5/8"
AD 88 BS	1/4"	3/4"
AD 816 BS	1/4"	1 1/4"



OPEN END DOME HEAD RIVETS
Stainless Steel Body – Stainless Steel Mandrel

SSD 42 SSBS	1/8"	1/4"
SSD 43 SSBS	1/8"	5/16"
SSD 44 SSBS	1/8"	3/8"
SSD 46 SSBS	1/8"	1/2"
SSD 62 SSBS	3/16"	5/16"
SSD 64 SSBS	3/16"	7/16"
SSD 66 SSBS	3/16"	9/16"
SSD 68 SSBS	3/16"	11/16"
SSD 88 SSBS	1/4"	3/4"



OPEN END DOME HEAD RIVETS
Plated Carbon Steel Body – Coated Carbon Steel Mandrel

SD 42 BS	1/8"	1/4"
SD 43 BS	1/8"	3/8"
SD 44 BS	1/8"	7/16"
SD 62 BS	3/16"	3/8"
SD 64 BS	3/16"	1/2"
SD 84 BS	1/4"	1/2"
SD 86 BS	1/4"	5/8"



BLIND POP RIVETS
OPEN END DOME HEAD RIVETS
Plated Carbon Steel Body – Coated Carbon Steel Mandrel

RIVET NUMBER	DIAMETER-INCHES	GRIP RANGE-INCHES
SD 88 BS	1/4"	3/4"
SD 810 BS	1/4"	7/8"
SD 812 BS	1/4"	1"
SD 816 BS	1/4"	1 1/4"



OPEN END DOME HEAD RIVETS LARGE FLANGE
Plated Carbon Steel Body – Coated Carbon Steel Mandrel

SD 66 BS L.F.	3/16"	3/4"
SD 610 BS L.F.	1/8"	1"

BONDED SEALING WASHERS

#10 Bonded Sealing Washers
#12 Bonded Sealing Washers

