

STEEL ▶

Mechanical Round Tube
Mechanical Square Tube
Mechanical Rectangular Tube
Structural Square Tube
Structural Rectangular Tube
DOM
Schedule 40 Pipe
Hot Rolled Flat Bar
Hot Rolled Round Bar
Hot Rolled Square Bar
Hot Rolled Angle
Cold Rolled Flat Bar
Cold Rolled Round Bar
Cold Rolled Square Bar
Cold Rolled Hex Bar
Wide Flange Beam
Structural Channel
Bar Size Channel
Cold Rolled Sheet
Hot Rolled Sheet
Hot Rolled Plate
Hot Rolled Pickled & Oiled Sheet Plate
Hot Rolled Diamond Plate
Expanded Sheet
Perforated Sheet
Corten Sheet & Plate
Target Plates
Pre-Cut Plates & Pre-Drilled Base Plates

GALVANIZED ▶

Galvanized Round Tube
Galvanized Mechanical Square Tube
Galvanized Structural Square Tube
Galvanized Rectangular Tube
Galvanized Schedule 40 Pipe
Galvanized Hot Rolled Steel Flat Bar
Galvanized Hot Rolled Steel Angle
Galvanized Hot Rolled Steel Channel
Galvanized Sheet
Galvanized Expanded Sheet

ALUMINUM ▶

Aluminum 6061 & 6063 Round Tube
Aluminum 6061 & 6063 Square Tube
Aluminum 6061 & 6063 Rectangle Tube
Aluminum 6061 Drawn Seamless Tube
Aluminum 6061 Schedule 40 Pipe
Aluminum 6061 Flat Bar
Aluminum 6061 Round Bar
Aluminum 6061 Square Bar
Aluminum 6061 Hex Bar
Aluminum 6061 & 6063 Angle
Aluminum 6061 & 6063 Channel
Aluminum 6061 Sheet & Plate
Aluminum 5052 Sheet & Plate
Aluminum 3003 Sheet
Aluminum Painted Sheet
Aluminum 3003
Polar White, Matte Black, Gloss Black
Aluminum Tread Brite 3003
Aluminum Perforated Sheet
Aluminum Expanded Sheet

4130 CHROMOLY ▶

Chromoly Round Tube
Chromoly Round Bar
Chromoly Sheet Normalized
Chromoly Plate Normalized

STAINLESS ▶

Stainless Steel 304 Round Tube
Stainless Steel 304 Square Tube
Stainless Steel 304 Rectangle Tube
Stainless Steel 304 Round Bar
Stainless Steel 304 Flat Bar
Stainless Steel 304 Angle
Stainless Steel 304 2B Mill Finish Sheet
Stainless Steel 304 #4 Brushed Finish Sheet
Stainless Steel 304 Perforated Sheet
Stainless Steel 304 Wire Mesh

ROOFING ▶

CoroDeck Roofing Panels, Galvalume
PBR Roofing Panels, Galvalume
B-Deck Panels, Galvalume
Roofing Screws & Fasteners
Colored Panels Available for Special Order
Trims, Purlins, and J-Channels Available for Special Order

SERVICES ▶

Saw Cutting
Shearing
Hole Punching
Sheet & Plate Cutting
Sourcing Specialty Items
Fabrication & Processing Referrals
Delivery

ACCESSORIES ▶

Automotive Fabrication

Battery Boxes
Tabs
Rod Ends and Weld-In Bungs
Misalignment Spacers
Tube Connectors
D-Rings
Dzus Fasteners

Residential & Commercial Fab

Hinges & Latches
Ornamentals & Handrail Brackets
Cast Iron Spears & Collars
Cap Rail
Strut Channel
Overhead Door Track
Gate Rollers & V-Groove Wheels
Pipe Caps & Elbows
Gussets
Lock Boxes
Cane Bolts
Casters
Tubing Plugs
Post Caps

Abrasives

Grinding Discs & Flap Wheels
Cut Off Wheels
Fiber Discs
Polishing Discs & Wire Wheels

Coatings

Paint & Primer
Steel-It
Grip Clean Products

Tools

Makita Power Tools
Strong Hand Tools
BuildPro Fabrication Tables
Forney Welding Equipment & Supplies



Billing Address: 135 Cypress Lane, El Cajon, CA 92020

Sales & Will Call Pick Up: 1426 N. Magnolia Ave, El Cajon, CA 92020

GAUGE CHART

FRACTION DECIMAL			
Fraction	Decimal	Decimal	Fraction
1/64	0.016	0.516	33/64
1/32	0.031	0.531	17/32
3/64	0.047	0.547	35/64
1/16	0.063	0.563	9/16
5/64	0.078	0.578	37/64
3/32	0.094	0.594	19/32
7/65	0.110	0.609	39/64
1/8	0.125	0.625	5/8
9/64	0.141	0.641	41/64
5/32	0.156	0.656	21/32
11/64	0.172	0.672	43/64
3/16	0.188	0.688	11/16
13/64	0.203	0.703	45/64
7/32	0.219	0.719	23/32
15/64	0.235	0.734	47/64
1/4	0.250	0.750	3/4
17/64	0.266	0.766	49/64
9/32	0.281	0.781	25/32
19/64	0.297	0.797	51/64
5/16	0.313	0.813	13/16
21/64	0.328	0.828	53/64
11/32	0.344	0.844	27/32
23/64	0.360	0.859	55/64
3/8	0.375	0.875	7/8
25/64	0.391	0.891	57/64
13/32	0.406	0.906	29/32
27/64	0.422	0.922	59/64
7/16	0.438	0.938	15/16
29/64	0.453	0.953	61/64

Gauge	US Standard	Steel Sheet	Galvanized Sheet	Stainless Sheet	Aluminum Sheet	Tubing
	Gauge (in)	Gauge (in)	Gauge (in)	Gauge (in)	Gauge (in)	Gauge (in)
32	0.0102	0.0097		0.0102	0.008	0.009
31	0.0109	0.0105		0.0109	0.0089	0.01
30	0.0125	0.012	0.016	0.0125	0.01	0.012
29	0.0141	0.0135	0.017	0.0141	0.0113	0.013
28	0.0156	0.0149	0.019	0.0156	0.0126	0.014
27	0.0172	0.0164	0.02	0.0172	0.0142	0.016
26	0.0188	0.0179	0.022	0.0187	0.0159	0.018
25	0.0219	0.0209	0.025	0.0219	0.0179	0.02
24	0.025	0.0239	0.028	0.025	0.0201	0.022
23	0.0281	0.0269	0.031	0.0281	0.0226	0.025
22	0.0313	0.0299	0.034	0.0312	0.0253	0.028
21	0.0344	0.0329	0.037	0.0344	0.0285	0.032
20	0.0375	0.0359	0.04	0.0375	0.032	0.035
19	0.0438	0.0418	0.046	0.0437	0.0359	0.042
18	0.05	0.0478	0.052	0.05	0.0403	0.049
17	0.0563	0.0538	0.058	0.0562	0.0453	0.058
16	0.0625	0.0598	0.064	0.0625	0.0508	0.065
15	0.0703	0.0673	0.071	0.0703	0.0571	0.072
14	0.0781	0.0747	0.079	0.0781	0.0641	0.083
13	0.0938	0.0897	0.093	0.0937	0.072	0.095
12	0.1094	0.1046	0.108	0.1094	0.0808	0.109
11	0.125	0.1196	0.123	0.125	0.0907	0.12
10	0.1406	0.1345	0.138	0.1406	0.1019	0.134
9	0.1563	0.1495	0.153	0.1562	0.1144	0.148
8	0.1719	0.1644	0.168	0.1719	0.1285	0.165
7	0.1875	0.1793		0.1875	0.1443	0.18

PIPE CHART

Nominal Pipe Size	Outside Diameter	Wall Thickness	Weight Per Ft.	Wall Thickness	Weight Per Ft.
1/8	0.405	0.068	0.245	0.095	0.315
1/4	0.540	0.088	0.425	0.119	0.535
3/8	0.675	0.091	0.568	0.126	0.739
1/2	0.840	0.109	0.851	0.147	1.088
3/4	1.050	0.113	1.131	0.154	1.474
1	1.315	0.133	1.679	0.179	2.172
1 1/4	1.660	0.140	2.273	0.191	2.997
1 1/2	1.900	0.145	2.718	0.200	3.631
2	2.375	0.154	3.653	0.218	5.022
2 1/2	2.875	0.203	5.793	0.275	7.661
3	3.500	0.216	7.576	0.300	10.250
3 1/2	4.000	0.226	9.109	0.318	12.510
4	4.500	0.237	10.790	0.337	14.980
5	5.563	0.258	14.620	0.375	20.780
6	6.625	0.280	18.970	0.432	28.570
8	8.625	0.322	28.550	0.500	43.390
10	10.750	0.365	40.480	0.500	54.740
12	12.750	0.375	49.560	0.500	65.420