



Racing Products

**Race Chassis Fabrication
Tube Bending and Cutting
Metal Sales and Fabrication
Chrome Moly Tubing | Welding**

410. 549.1112

www.onthegroundperformance.com

OTGP | Raw Material Pricing

On the Ground Performance is a supplier of 4130 Tubing, Plate, DOM, Mild Steel Tubing, Cold Rolled Sheet and Plate as well as pre-made brackets. We also stock mandrel u bends, j bends, 45° bends, 90° bends, and 120° bends. If you have a custom frame idea, OTGP can bend 2x3 .120 tubing per customer's drawings. Due to the fluctuation of raw material prices, prices are subject to change without notice.

CHROMOLY TUBING

4130 chromoly tubing (chromium-molybdenum alloy) began its first use in the aircraft industry. Race chassis builders of all kinds began using the tubing for its strength to weight ratio.

Size	lbs/ft	1-20 ft	20-60 ft	60-100 ft
1/2" x .058 Wall	0.2738	3.38	3.04	2.70
3/4" x .049 Wall	0.3668	3.38	3.04	2.70
3/4" x .058 Wall	0.4287	3.87	3.49	3.10
7/8" x .065 Wall	0.5623	4.55	4.10	3.64
1" x .049 Wall	0.4977	4.06	3.65	3.24
1" x .058 Wall	0.5835	4.47	4.02	3.57
1-1/8" x .065 Wall	0.7359	5.23	4.70	4.18
1-1/4" x .058 Wall	0.7384	5.94	5.35	4.75
1-1/4" x .065 Wall	0.8226	6.00	5.40	4.80
1-1/4" x .095 Wall	1.1720	7.34	6.61	5.87
1-1/4" x .156 Wall	1.9245	15.24	13.71	12.18
1-3/8" x .049 Wall	0.6939	4.89	4.39	3.90
1-3/8" x .095 Wall	1.2990	7.54	6.79	6.03
1-1/2" x .058 Wall	0.8932	6.24	5.62	4.99
1-1/2" x .065 Wall	0.9962	7.43	6.69	5.95
1-1/2" x .120 Wall	1.7690	8.45	7.61	6.76
1-5/8" x .083 Wall	1.3670	7.25	6.50	5.78
1-3/4" x .083 Wall	1.4780	8.38	6.86	6.10

CARBON STEEL BOX TUBING

Carbon Steel Box Tubing is used to fabricate frame rails for street and race cars where a full tube chassis is not needed. We currently build back-half and front-half kits with 2x3 .120 Wall for the majority of our pro-street customers. We also can bend 2x3 .120 Wall.

Size	1-20 ft	20-60 ft	60-100 ft
2" x 3" x .120 Wall	6.16	5.60	5.04

CREW TUBING

CREW, or cold rolled electric welded tubing, is used mostly for header and exhaust work. We use CREW because of the clean finish on the inside and outside, rather than HREW (hot rolled electric welded). All the CREW we order has a .010 flash control.

Size	1-20 ft.	20-60 ft	60-100 ft
1-3/4" x .065 CREW Tubing	4.55	4.01	3.64
2" x .065 CREW Tubing	4.75	4.20	3.69
2-1/2" x .065 CREW Tubing	4.95	4.43	3.94
3" x .065 CREW Tubing	5.67	5.10	4.54
4" x .065 CREW Tubing	7.94	7.14	6.35

DOM TUBING

DOM is seamless mild steel tubing. In chassis building, in order to achieve a similar strength as chrome moly, one must increase the wall thickness substantially.

Size	1-20 ft	20-60 ft	60-100 ft
3/4" x .095 Wall DOM Tubing	3.05	2.80	2.55
7/8" x .120 Wall DOM Tubing	3.29	3.04	2.79
1" x .120 Wall DOM Tubing	3.55	3.30	3.05
1" x .156 Wall DOM Tubing	8.75	7.92	6.93
1-1/4" x .095 Wall DOM Tubing	4.22	3.97	3.72
1-1/4" x .120 Wall DOM Tubing	4.55	4.30	4.05
1-1/2" x .120 Wall DOM Tubing	5.24	4.99	4.74
1-5/8" x .120 Wall DOM Tubing	6.00	5.40	4.80
1-3/4" x .120 Wall DOM Tubing	6.80	6.10	5.60
1-7/8" x .120 Wall DOM Tubing	7.59	6.69	5.89
2" x .120 Wall DOM Tubing	7.10	6.51	5.92
2-1/4" x .188 Wall DOM Tubing	10.08	9.07	8.06
2-1/2" x .375 Wall DOM Tubing	29.40	26.46	23.52
3" x .083 Wall DOM Tubing	13.97	12.70	11.43

CHROMOLY PLATE (Standard full sheet 18" x 72")

4130 chromoly plate is used for bracketry, gussets, and other plate type products that require maximum strength. It is much more difficult to find than carbon steel plate, but many sizes are available through OTGP.

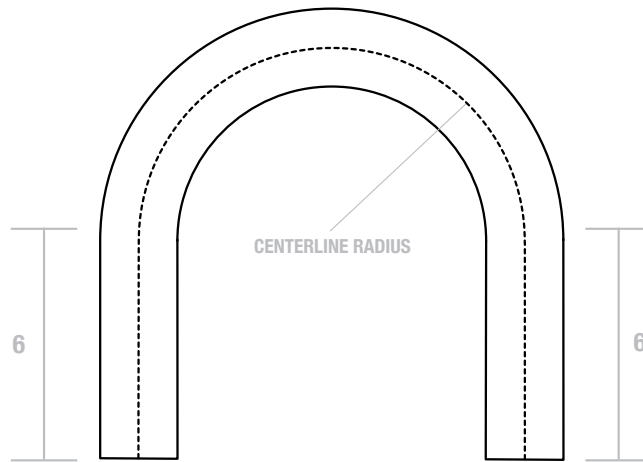
Size	Linear ft	Full Sheet per Linear ft
.125" 4130 Cold Rolled Sheet	65.36	50.28

COLD ROLLED SHEET METAL

Size	Square ft	Full Sheet per Square ft
20 gauge	3.26	2.60 (83.20 full sheet)
18 gauge	3.82	2.98 (95.36 full sheet)
16 gauge	3.95	3.15 (100.80 full sheet)
14 gauge	4.15	3.69 (118.08 full sheet)
11 gauge	9.59	8.22 (263.10 full sheet)

COLD ROLLED FLAT STRIP (Full Strip 12 ft)

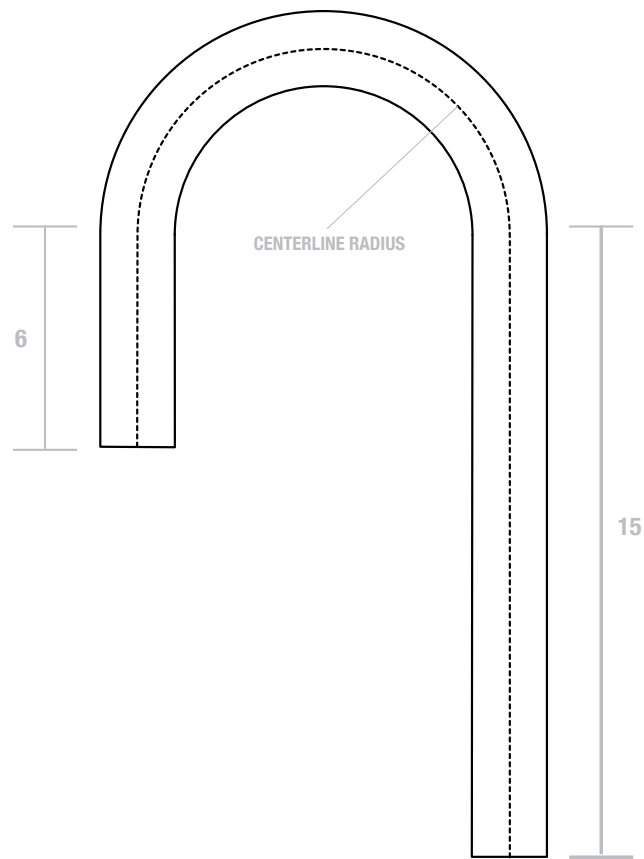
Size	Linear ft	Full Strip per Linear ft
1/8" x 2"	3.99	3.19 (38.28 full strip)
1/8" x 4"	6.32	5.69 (68.28 full strip)
1/8" x 6"	14.38	12.58 (150.96 full strip)
3/16" x 6"	14.72	12.79 (153.48 full strip)
1/4" x 8"	24.05	20.61 (247.32 full strip)



MANDREL U BENDS

U bends are generally used for fabricating headers, exhaust, intakes and turbo duct work. We offer our mandrel bends in mild steel, 304 stainless steel, titanium and aluminum. Standard leg length on a u bend is 6".

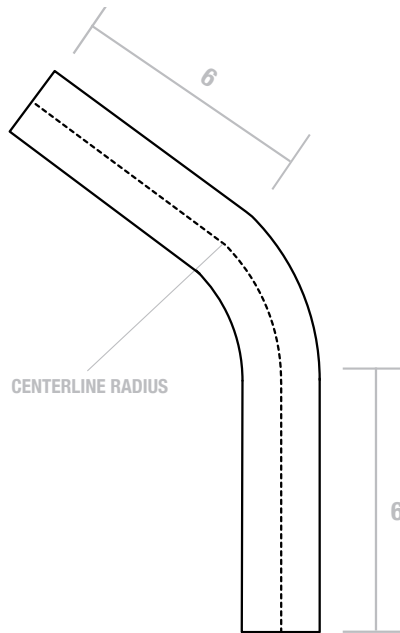
Part #	OD	WT	Radius	Material	Price
MSU15	1-1/2"	0.065	2"	Mild Steel U Bend	14.50
MSU151	1-5/8"	0.065	2-1/2"	Mild Steel U Bend	14.50
MSU152	1-3/4"	0.065	2"	Mild Steel U Bend	22.99
MSU153	1-7/8"	0.065	2-1/2"	Mild Steel U Bend	17.99
MSU154	2"	0.065	3"	Mild Steel U Bend	18.99
MSU155	2-1/8"	0.065	3-1/2"	Mild Steel U Bend	22.99
MSU156	2-1/4"	0.065	4"	Mild Steel U Bend	18.99
MSU157	2-1/2"	0.065	4"	Mild Steel U Bend	19.99
MSU158	3"	0.065	6"	Mild Steel U Bend	29.99
MSU159	3-1/2"	0.065	7"	Mild Steel U Bend	39.99
MSU160	4"	0.065	7"	Mild Steel U Bend	43.99
SSU250	1-5/8"	0.049	3"	304 Stainless Steel U Bend	39.99
SSU251	1-3/4"	0.049	3"	304 Stainless Steel U Bend	43.99
SSU252	1-7/8"	0.049	3"	304 Stainless Steel U Bend	49.99
SSU253	2"	0.049	3"	304 Stainless Steel U Bend	59.99
SSU254	2-1/8"	0.049	3"	304 Stainless Steel U Bend	59.99
SSU255	2-1/4"	0.049	3-1/2"	304 Stainless Steel U Bend	59.99
SSU256	2-1/4"	0.065	3-1/2"	304 Stainless Steel U Bend	62.99
SSU257	2-1/2"	0.065	4"	304 Stainless Steel U Bend	67.95
SSU258	2-1/2"	0.049	4"	304 Stainless Steel U Bend	69.99
SSU259	3"	0.049	6"	304 Stainless Steel U Bend	69.99
SSU260	3"	0.065	6"	304 Stainless Steel U Bend	79.99



MANDREL J BENDS

J bends are generally used for fabricating headers, exhaust, intakes and turbo duct work. We offer our mandrel bends in mild steel, 304 stainless steel, titanium and aluminum. Standard leg length on a j bend is 6" and 15" .

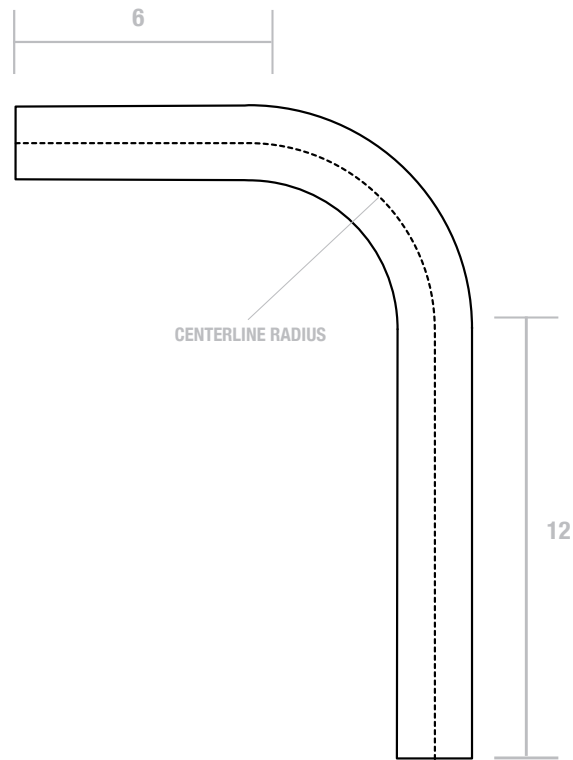
Part #	OD	WT	Radius	Material	Price
MSJ150	1-1/2"	0.065	2"	Mild Steel J Bend	15.99
MSJ151	1-5/8"	0.065	2"	Mild Steel J Bend	15.99
MSJ152	1-3/4"	0.065	2"	Mild Steel J Bend	19.99
MSJ153	1-7/8"	0.065	2-1/2"	Mild Steel J Bend	19.99
MSJ154	2"	0.065	3"	Mild Steel J Bend	19.99
MSJ155	2-1/8"	0.065	3"	Mild Steel J Bend	20.99
MSJ156	2-1/4"	0.065	3-1/2"	Mild Steel J Bend	22.99
MSJ157	2-1/2"	0.065	4"	Mild Steel J Bend	25.99
MSJ158	3"	0.065	6"	Mild Steel J Bend	29.99
SSJ250	1-5/8"	0.049	2"	304 Stainless Steel J Bend	39.99
SSJ251	1-3/4"	0.049	3"	304 Stainless Steel J Bend	49.99
SSJ252	1-7/8"	0.049	3"	304 Stainless Steel J Bend	49.99
SSJ253	2"	0.049	3"	304 Stainless Steel J Bend	59.99
SSJ254	2-1/8"	0.049	3"	304 Stainless Steel J Bend	59.99
SSJ255	2-1/4"	0.049	3-1/2"	304 Stainless Steel J Bend	65.99
SSJ256	2-1/2"	0.049	4"	304 Stainless Steel J Bend	75.99



MANDREL 45° BENDS

45° bends are generally used for fabricating headers, exhaust, intakes and turbo duct work. We offer our mandrel bends in mild steel, 304 stainless steel, titanium and aluminum. Standard leg length on a 45° bend is 6”.

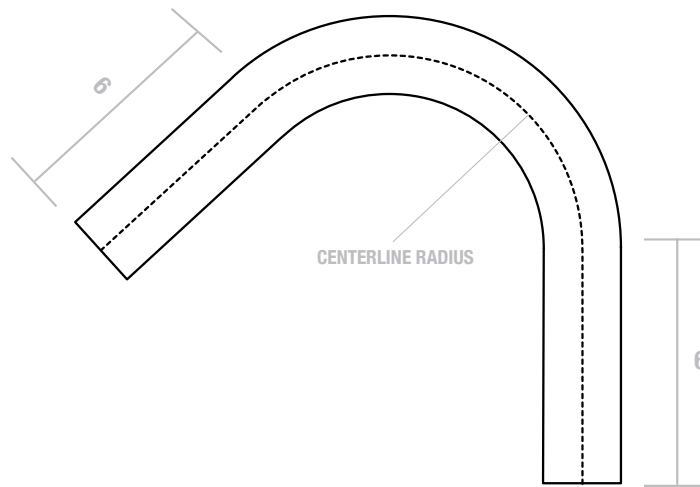
Part #	OD	WT	Radius	Material	Price
MS4510	2”	0.065	3”	Mild Steel 45° Bend	15.99
MS4511	2-1/4”	0.065	2-1/4”	Mild Steel 45° Bend	16.99
MS4512	2-1/2”	0.065	2-1/2”	Mild Steel 45° Bend	19.99
MS4513	2-1/2”	0.065	4”	Mild Steel 45° Bend	19.99
MS4514	3”	0.065	3”	Mild Steel 45° Bend	22.99
MS4515	3”	0.065	6”	Mild Steel 45° Bend	25.99
SS4510	2”	0.065	3”	Stainless Steel 45° Bend	45.00
SS4511	2-1/4”	0.065	2-1/4”	Stainless Steel 45° Bend	45.00
SS4512	2-1/2”	0.065	2-1/2”	304 Stainless Steel 45° Bend	55.00
SS4513	2-1/2”	0.065	4”	304 Stainless Steel 45° Bend	55.00
SS4514	3”	0.065	3”	304 Stainless Steel 45° Bend	60.00
SS4515	3”	0.065	6”	304 Stainless Steel 45° Bend	65.00



MANDREL 90° BENDS

90° bends are generally used for fabricating headers, exhaust, intakes and turbo duct work. We offer our mandrel bends in mild steel, 304 stainless steel, titanium and aluminum. Standard leg length on a 90° bend is 6" and 12".

Part #	OD	WT	Radius	Material	Price
MS9010	2"	0.065	3"	Mild Steel 90° Bend	15.00
MS9011	2-1/4"	0.065	2-1/4"	Mild Steel 90° Bend	16.00
MS9012	2-1/2"	0.065	2-1/2"	Mild Steel 90° Bend	22.00
MS9013	2-1/2"	0.065	4"	Mild Steel 90° Bend	24.00
MS9014	3"	0.065	3"	Mild Steel 90° Bend	28.00
MS9015	3"	0.065	6"	Mild Steel 90° Bend	30.00
MS9016	3-1/2"	0.065	4"	Mild Steel 90° Bend	39.99
MS9017	4"	0.065	4-1/2"	Mild Steel 90° Bend	43.99
SS9010	2"	0.065	3"	304 Stainless Steel 90° Bend	45.00
SS9011	2-1/4"	0.065	2-1/4"	304 Stainless Steel 90° Bend	45.00
SS9012	2-1/2"	0.065	2-1/2"	304 Stainless Steel 90° Bend	55.00
SS9013	2-1/2"	0.065	4"	304 Stainless Steel 90° Bend	55.00
SS9014	3"	0.065	3"	304 Stainless Steel 90° Bend	60.00
SS9015	3"	0.065	6"	304 Stainless Steel 90° Bend	65.00



MANDREL 120° BENDS

120° bends are generally used for fabricating headers, exhaust, intakes and turbo duct work. We offer our mandrel bends in mild steel, 304 stainless steel, titanium and aluminum. Standard leg length on a 120° bend is 6" and 6".

Part #	OD	WT	Radius	Material	Price
MS12010	2"	0.065	3"	Mild Steel 120° Bend	18.00
MS12011	2-1/4"	0.065	2-1/4"	Mild Steel 120° Bend	21.00
MS12012	2-1/2"	0.065	2-1/2"	Mild Steel 120° Bend	28.00
MS12013	2-1/2"	0.065	4"	Mild Steel 120° Bend	20.00
MS12014	3"	0.065	3"	Mild Steel 120° Bend	35.00
MS12015	3"	0.065	6"	Mild Steel 120° Bend	29.00
SS12010	2"	0.065	3"	304 Stainless Steel 120° Bend	45.00
SS12011	2-1/4"	0.065	2-1/4"	304 Stainless 120° Bend	45.00
SS12012	2-1/2"	0.065	2-1/2"	304 Stainless 120° Bend	55.00
SS12013	2-1/2"	0.065	4"	304 Stainless 120° Bend	55.00
SS12014	3"	0.065	3"	304 Stainless 120° Bend	60.00
SS12015	3"	0.065	6"	304 Stainless 120° Bend	65.00

SHIPPING

OTGP will cut and ship small lengths up to 8 ft by UPS ground. Full lengths or full sheets of material will be shipped UPS freight.

PAYMENT

OTGP accepts Visa, Mastercard, Discover, cash, and personal checks. All material sales are final.

METAL SHEARING

Our National Box Pan Brake and Tennsmith Shear allow us to shear up to 16 gauge and bend up to 12 gauge. Our Mitler Brothers Heavy Duty Bead Roller has a capacity of 16 gauge with a 36" throat capacity. We have multiple size bead tooling as well as flange, hem rolls, spoiler rolls, and many other forming tools.

MANDREL TUBE BENDING

Our Eaton Leonard VB-300 3 axis CNC mandrel tube bender is capable of bending up to 3" OD tube. We are capable of small or large quantity orders per customer's drawing, or the customer can send a completed part for a quote.

TUBE BENDING

Our RMD model 350 bender is capable of round, square, and rectangular tubing, as well as solid and U-channel. We also use a 10 foot IDX positioning table for exact repeatability of compound bends, semi-computer controlled for large volume and accurate bending, and a touch screen job memory program. Currently for our model 350 bender we have tooling from 3/4" to 1-3/4" as well as 2x3 rectangular tubing.

TUBE NOTCHING AND CUTTING

Our RMD model TN-900 abrasive notcher offers notching at any angle as well as offset notching. This machine has a 3/4" to 3" capacity, and we have all tooling to notch these sizes (in 1/8" increments) and is capable of notching square and round tube, round solid, and pipe. Our 14" Cold Saw has 2 speed selection for ferrous and non-ferrous materials, which we can cut up to 4-1/2" round, and 6"x4" box material. We cut hundred of parts in house, and can hold .010 tolerance.

1-877-633-RACE or (410) 549-1112 to order.
Further discounts available depending on quantity.

