



EXTRUDED ROUND BAR

Available Sawing Services for Extruded Round Bar

Alloy 6061
Meets ASTM B221
Tempers: T6 & T6511
Density: .098
Standard Length: 144"

Extrusion Saw Cutting

Tolerances as close as $\pm.005$
 Cut lengths .50" and longer
 RMS finish as low as 32
 Max 4:1 diameter to length ratio

Band Saw Cutting

Tolerances as close as $+.030/-0.000$
 Cut lengths .375" and longer
 RMS finish as low as 76
 Capable of cutting larger than 4:1 ratio
 22.0" max diameter size

Diameter	Tolerance	Weight (lbs/ft)
0.250"	$\pm.008$	0.058
0.375"	$\pm.004$	0.129
0.500"	$\pm.004$	0.231
0.625"	$\pm.004$	0.361
0.750"	$\pm.004$	0.520
0.875"	$\pm.004$	0.707
1.000"	$\pm.004$	0.924
1.125"	$\pm.005$	1.169
1.188"	$\pm.005$	1.304
1.250"	$\pm.005$	1.443
1.312"	$\pm.005$	1.590
1.375"	$\pm.005$	1.746
1.500"	$\pm.005$	2.078
1.625"	$\pm.005$	2.439
1.750"	$\pm.005$	2.829
1.875"	$\pm.005$	3.247
2.000"	$\pm.008$	3.695
2.125"	$\pm.008$	4.171
2.250"	$\pm.008$	4.676
2.375"	$\pm.008$	5.210
2.500"	$\pm.008$	5.773
2.625"	$\pm.008$	6.364
2.750"	$\pm.008$	6.985
3.000"	$\pm.008$	8.313
3.125"	$\pm.012$	9.020
3.250"	$\pm.012$	9.756
3.375"	$\pm.012$	10.521
3.500"	$\pm.012$	11.314

Diameter	Tolerance	Weight (lbs/ft)
3.750"	$\pm.012$	12.989
4.000"	$\pm.017$	14.778
4.125"	$\pm.017$	15.716
4.250"	$\pm.017$	16.683
4.500"	$\pm.017$	18.703
4.750"	$\pm.017$	20.840
5.000"	$\pm.017$	23.091
5.250"	$\pm.017$	25.458
5.500"	$\pm.017$	27.940
5.750"	$\pm.017$	30.538
6.000"	$\pm.022$	33.251
6.250"	$\pm.022$	36.079
6.500"	$\pm.022$	39.023
6.750"	$\pm.022$	42.083
7.000"	$\pm.022$	45.258
7.250"	$\pm.022$	48.548
7.500"	$\pm.022$	51.954
8.000"	$\pm.030$	59.113
8.500"	$\pm.054$	66.732
9.000"	$\pm.054$	74.814
10.000"	$\pm.074$	92.363
10.125" *	$\pm.074$	94.686
11.000" *	$\pm.084$	111.759
12.000" *	$\pm.084$	133.002
12.125" *	($+.125/-0.084$)	136.247
12.500" *	$\pm.084$	144.240
13.000" *	$\pm.084$	156.084

*Master lengths of these bars vary. Inquire for further information

