



# THE ORANGE BOOK CATALOG



## MANIFOLD THUNDER BAR

AVAILABLE IN 6061 ALLOY.

- Elevated mechanical properties - 44 minimum ksi UTS
- 1/2 commercial twist and straightness
- 1/2 commercial dimension tolerance all on the plus side
- Carbon free surface



### RECTANGLES

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MRB0669	0.875	+0.010	3.000	+0.024	3.116
MRB0476	1.000	+0.012	1.500	+0.014	1.782
MRB1821	1.000	+0.012	1.750	+0.014	2.078
MRB0477	1.000	+0.012	2.000	+0.024	2.379
MRB1727	1.000	+0.012	2.500	+0.024	2.971
MRB0656	1.000	+0.012	3.000	+0.024	3.562
MRB1830	1.000	+0.012	3.250	+0.024	3.858
MRB0478	1.000	+0.012	3.500	+0.024	4.154
MRB1795	1.000	+0.012	4.000	+0.034	4.751
MRB1822	1.000	+0.012	4.500	+0.034	5.343
MRB0479	1.000	+0.012	5.000	+0.034	5.935
MRB1826	1.000	+0.012	6.000	+0.044	7.123
MRB1827	1.000	+0.012	8.000	+0.054	9.495
MRB1565	1.000	+0.012	8.500	+0.054	10.087
MRB0671	1.125	+0.012	2.500	+0.024	3.341
MRB1823	1.250	+0.012	1.750	+0.014	2.594
MRB0475	1.250	+0.012	2.500	+0.024	3.709
MRB0664	1.250	+0.012	3.000	+0.024	4.449
MRB0995	1.250	+0.012	3.500	+0.024	5.186
MRB1735	1.250	+0.012	3.750	+0.024	5.555
MRB1771	1.250	+0.012	4.500	+0.034	6.671
MRB1589	1.250	+0.014	5.000	+0.034	7.416
MRB1728	1.250	+0.014	5.500	+0.034	8.154
MRB0471	1.500	+0.014	2.000	+0.024	3.564
MRB0657	1.500	+0.014	2.500	+0.024	4.451
MRB0480	1.500	+0.014	3.000	+0.024	5.338
MRB1828	1.500	+0.014	3.375	+0.024	6.001
MRB1797	1.500	+0.014	3.500	+0.024	6.223
MRB0467	1.500	+0.014	4.000	+0.034	7.118
MRB0658	1.500	+0.014	4.500	+0.034	8.004
MRB1736	1.500	+0.014	5.000	+0.034	8.891
MRB0659	1.500	+0.014	5.500	+0.034	9.776
MRB0980	1.500	+0.014	6.000	+0.044	10.664
MRB0948	1.500	+0.014	6.500	+0.044	11.558
MRB0887	1.500	+0.014	7.000	+0.044	12.443
MRB1772	1.500	+0.014	8.000	+0.054	14.820
MRB1737	1.750	+0.014	2.000	+0.024	4.156

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MRB0670	1.750	+0.014	2.750	+0.024	5.707
MRB1721	1.750	+0.014	3.750	+0.034	7.783
MRB1692	1.750	+0.014	4.500	+0.034	9.333
MRB1829	1.750	+0.014	5.000	+0.034	10.365
MRB1824	1.750	+0.014	5.500	+0.034	11.399
MRB0465	1.750	+0.014	6.500	+0.044	13.476
MRB0468	2.000	+0.024	2.500	+0.024	5.942
MRB1561	2.000	+0.024	2.750	+0.024	6.534
MRB0469	2.000	+0.024	3.000	+0.024	7.125
MRB0481	2.000	+0.024	3.500	+0.024	8.308
MRB0439	2.000	+0.024	4.000	+0.034	9.503
MRB0936	2.000	+0.024	4.500	+0.034	10.686
MRB0855	2.000	+0.024	5.000	+0.034	11.869
MRB0441	2.000	+0.024	6.000	+0.044	14.247
MRB0466	2.000	+0.024	6.500	+0.044	15.431
MRB1859	2.000	+0.024	8.000	+0.054	18.992
MRB0946	2.000	+0.024	8.500	+0.054	20.175
MRB1805	2.250	+0.024	3.000	+0.024	8.011
MRB1807	2.250	+0.024	4.000	+0.034	10.656
MRB1831	2.250	+0.024	6.000	+0.044	16.018
MRB0847	2.250	+0.024	8.000	+0.054	21.351
MRB0482	2.500	+0.024	3.000	+0.024	8.896
MRB0668	2.500	+0.024	3.250	+0.024	9.635
MRB0440	2.500	+0.024	3.500	+0.024	10.373
MRB0483	2.500	+0.024	4.000	+0.034	11.866
MRB0484	2.500	+0.024	4.500	+0.034	13.343
MRB0485	2.500	+0.024	5.000	+0.034	14.820
MRB0859	2.500	+0.024	5.500	+0.034	16.297
MRB0792	2.500	+0.024	6.000	+0.044	17.788
MRB0865	2.500	+0.024	7.125	+0.044	21.112
MRB1631	2.500	+0.024	8.000	+0.054	23.712
MRB1707	2.750	+0.024	8.000	+0.054	26.072
MRB0486	3.000	+0.024	3.500	+0.024	12.440
MRB0470	3.000	+0.024	4.000	+0.034	14.252
MRB0996	3.000	+0.024	4.250	+0.034	15.113
MRB0793	3.000	+0.024	4.500	+0.034	15.998
MRB0715	3.000	+0.024	5.000	+0.034	17.769



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### RECTANGLES (continued)

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MRB1817	3.000	+0.024	5.500	+0.034	19.541
MRB0716	3.000	+0.024	6.000	+0.044	21.329
MRB1782	3.000	+0.024	6.500	+0.044	23.101
MRB1860	3.000	+0.024	7.000	+0.044	24.873
MRB1641	3.000	+0.024	8.000	+0.054	28.432
MRB0841	3.000	+0.024	8.375	+0.054	29.760
MRB0829	3.000	+0.024	8.400	+0.054	29.848
MRB0801	3.125	+0.024	5.250	+0.034	19.430
MRB0678	3.125	+0.024	8.425	+0.054	31.179
MRB0958	3.250	+0.024	4.250	+0.034	16.368
MRB0492	3.500	+0.024	4.000	+0.034	16.590
MRB0717	3.500	+0.024	4.500	+0.034	18.655
MRB0836	3.500	+0.024	5.000	+0.034	20.720
MRB0937	3.500	+0.024	6.000	+0.044	24.870
MRB0846	3.500	+0.024	6.750	+0.044	27.968
MRB0719	4.000	+0.034	4.500	+0.034	21.337
MRB0720	4.000	+0.034	5.000	+0.034	23.700
MRB0866	4.000	+0.034	5.500	+0.034	26.061
MRB0721	4.000	+0.034	6.000	+0.044	28.447
MRB0994	4.000	+0.034	7.000	+0.044	33.171
MRB0970	4.000	+0.034	8.000	+0.054	37.919
MRB1849	4.000	+0.034	9.000	+0.054	42.643
MRB1701	4.063	+0.034	5.000	+0.034	24.072
MRB1839	4.250	+0.034	6.250	+0.044	24.072
MRB0830	4.300	+0.034	5.250	+0.034	26.739
MRB0723	4.500	+0.034	5.000	+0.034	26.649
MRB0724	4.500	+0.034	5.500	+0.034	29.306
MRB0725	4.500	+0.034	6.000	+0.044	31.988
MRB1657	4.500	+0.034	6.500	+0.044	34.644
MRB1656	4.500	+0.034	7.000	+0.044	37.300
MRB1668	4.500	+0.044	9.500	+0.064	50.694
MRB0831	5.000	+0.034	5.500	+0.034	32.549
MRB0794	5.000	+0.034	6.000	+0.044	35.529
MRB0938	5.000	+0.034	7.000	+0.044	41.429
MRB0890	5.000	+0.034	8.000	+0.054	47.359
MRB0997	5.000	+0.034	8.500	+0.054	50.308
MRB1577	5.500	+0.034	6.000	+0.044	39.070
MRB1625	6.000	+0.044	6.500	+0.044	46.187

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MRB0945	6.000	+0.044	7.000	+0.044	49.728
MRB1791*	6.000	+0.054	8.000	+0.064	56.928

\*Maximum Length: 10'

### SQUARES

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MSQ1825	1.000	+0.012	-	-	1.189
MSQ0625	1.246	+0.014	-	-	1.846
MSQ1793	1.500	+0.014	-	-	2.670
MSQ1836	1.625	+0.014	-	-	3.132
MSQ0663	1.750	+0.014	-	-	3.630
MSQ0487	2.000	+0.024	-	-	4.760
MSQ1594	2.250	+0.024	-	-	6.016
MSQ0474	2.500	+0.024	-	-	7.419
MSQ1587	2.750	+0.024	-	-	8.971
MSQ0488	3.000	+0.024	-	-	10.669
MSQ0489	3.500	+0.024	-	-	14.504
MSQ0718	4.000	+0.034	-	-	18.976
MSQ0722	4.500	+0.034	-	-	23.994
MSQ0726	5.000	+0.034	-	-	29.600
MSQ0939	5.500	+0.034	-	-	35.794
MSQ0880	6.000	+0.044	-	-	42.646
MSQ1752	6.500	+0.044	-	-	50.022