



# 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	3.117
MRB0476	1.000	+0.012	1.500	+0.014	1.782
MRB0477	1.000	+0.012	2.000	+0.024	2.380
MRB1727	1.000	+0.012	2.500	+0.024	2.971
MRB0656	1.000	+0.012	3.000	+0.024	3.563
MRB0478	1.000	+0.012	3.500	+0.024	4.155
MRB0479	1.000	+0.012	5.000	+0.034	5.935
MRB1565	1.000	+0.012	8.500	+0.054	10.087
MRB0671	1.125	+0.012	2.500	+0.024	3.341
MRB0475	1.250	+0.012	2.500	+0.024	3.710
MRB0664	1.250	+0.012	3.000	+0.024	4.449
MRB0995	1.250	+0.012	3.500	+0.024	5.187
MRB1735	1.250	+0.012	3.750	+0.024	5.556
MRB1589	1.250	+0.014	5.000	+0.034	7.422
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	4.452
MRB0480	1.500	+0.014	3.000	+0.024	5.338
MRB0467	1.500	+0.014	4.000	+0.034	7.119
MRB0658	1.500	+0.014	4.500	+0.034	8.005
MRB1736	1.500	+0.014	5.000	+0.034	8.890
MRB0659	1.500	+0.014	5.500	+0.034	9.777
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	12.444
MRB1737	1.750	+0.014	2.000	+0.024	4.156
MRB0670	1.750	+0.014	2.750	+0.024	5.710
MRB1721	1.750	+0.014	3.750	+0.034	7.783
MRB1692	1.750	+0.014	4.500	+0.034	9.333
MRB0465	1.750	+0.014	6.500	+0.044	13.476
MRB0468	2.000	+0.024	2.500	+0.024	5.942
MRB0469	2.000	+0.024	3.000	+0.024	7.127
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	10.687
MRB0855	2.000	+0.024	5.000	+0.034	11.871
MRB0441	2.000	+0.024	6.000	+0.044	14.247

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MRB0466	2.000	+0.024	6.500	+0.044	15.432
MRB0946	2.000	+0.024	8.500	+0.054	20.175
MRB0847	2.250	+0.024	8.000	+0.054	21.352
MRB0482	2.500	+0.024	3.000	+0.024	8.896
MRB0668	2.500	+0.024	3.250	+0.024	9.636
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	16.298
MRB0792	2.500	+0.024	6.000	+0.044	17.789
MRB0865	2.500	+0.024	7.125	+0.044	21.113
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	15.114
MRB0793	3.000	+0.024	4.500	+0.034	16.000
MRB0715	3.000	+0.024	5.000	+0.034	17.770
MRB0716	3.000	+0.024	6.000	+0.044	21.331
MRB1641	3.000	+0.024	8.000	+0.054	28.433
MRB0841	3.000	+0.024	8.375	+0.054	29.761
MRB0829	3.000	+0.024	8.400	+0.054	29.849
MRB0801	3.125	+0.024	5.250	+0.034	19.462
MRB0678	3.125	+0.024	8.425	+0.054	31.179
MRB0958	3.250	+0.024	4.250	+0.034	16.369
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	20.721
MRB0937	3.500	+0.024	6.000	+0.044	24.871
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	23.699
MRB0866	4.000	+0.034	5.500	+0.034	26.062
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



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### RECTANGLES (continued)

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
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	29.305
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	50.689
MRB0831	5.000	+0.034	5.500	+0.034	32.550
MRB0794	5.000	+0.034	6.000	+0.044	35.530
MRB0938	5.000	+0.034	7.000	+0.044	41.429
MRB0890	5.000	+0.034	8.000	+0.054	47.358
MRB0997	5.000	+0.034	8.500	+0.054	50.309
MRB1577	5.500	+0.034	6.000	+0.044	39.070
MRB1625	6.000	+0.044	6.500	+0.044	46.187
MRB0945	6.000	+0.044	7.000	+0.044	49.728

### SQUARES

SCM DIE NUMBER	A DIM	A TOL.	B DIM	B TOL.	LBS/FT
MSQ0625	1.246	+0.014	-	-	1.846
MSQ0663	1.750	+0.014	-	-	3.630
MSQ0487	2.000	+0.024	-	-	4.761
MSQ1594	2.250	+0.024	-	-	6.016
MSQ0474	2.500	+0.024	-	-	7.419
MSQ1587	2.750	+0.024	-	-	8.970
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	-	-	35.793
MSQ0880	6.000	+0.044	-	-	42.646