



THE ORANGE BOOK CATALOG

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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



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 (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



THE ORANGE BOOK CATALOG



LIGHTNING ROD TITE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.
*STENCIL - SUBJECT TO INQUIRY



- Elevated mechanical properties - 44 minimum ksi UTS and 39 minimum ksi YS
- 1/2 commercial bow and straightness
- Meets or exceeds cold finish dimensional tolerances
- Carbon free surface

SCM DIE NUMBER	SIZE	TOLERANCE	LBS/FT
RD0001*	0.500	+0.004/-0.003	0.230
RD0370*	0.562	+0.004/-0.003	0.292
RD0002*	0.625	+0.004/-0.003	0.361
RD0371	0.688	+0.004/-0.003	0.437
RD0003	0.750	+0.004/-0.003	0.520
RD0372	0.812	+0.004/-0.003	0.609
RD1193	0.820	+0.004/-0.003	0.621
RD0004	0.875	+0.004/-0.003	0.707
RD0618	0.890	+0.004/-0.003	0.731
RD0373	0.938	+0.004/-0.003	0.813
RD0005	1.000	+0.004/-0.003	0.923
RD1030	1.031	+0.005/-0.004	0.982
RD0374	1.062	+0.005/-0.004	1.042
RD0567	1.094	+0.005/-0.004	1.105
RD0006	1.125	+0.005/-0.004	1.169
RD0007	1.188	+0.005/-0.004	1.303
RD0008	1.250	+0.005/-0.004	1.443
RD0375	1.312	+0.005/-0.004	1.590
RD0009	1.375	+0.005/-0.004	1.746
RD0376	1.438	+0.005/-0.004	1.910
RD0010	1.500	+0.005/-0.004	2.078
RD0377	1.562	+0.005/-0.004	2.253
RD0011	1.625	+0.005/-0.004	2.439
RD0424	1.688	+/-0.004	2.632
RD0012	1.750	+/-0.004	2.828
RD0686	1.813	+/-0.004	3.036
RD0672	1.828	+/-0.004	3.086
RD0013	1.875	+/-0.004	3.247
RD1847	1.938	+/-0.004	3.469
RD0014	2.000	+/-0.004	3.695
RD0955	2.031	+/-0.006	3.810
RD0517	2.063	+/-0.006	3.931
RD0015	2.125	+/-0.006	4.171
RD0016	2.250	+/-0.006	4.676
RD0942	2.313	+/-0.006	4.942

SCM DIE NUMBER	SIZE	TOLERANCE	LBS/FT
RD0017	2.375	+/-0.006	5.210
RD0018	2.500	+/-0.006	5.773
RD1582	2.562	+/-0.006	6.062
RD0019	2.625	+/-0.006	6.365
RD0620	2.688	+/-0.006	6.674
RD0020	2.750	+/-0.006	6.985
RD0021	2.875	+/-0.006	7.635
RD0022	3.000	+/-0.006	8.313
RD0023	3.125	+/-0.008	9.020
RD0024	3.250	+/-0.008	9.756
RD0025	3.375	+/-0.008	10.520
RD0026	3.500	+/-0.012	11.314
RD0378	3.625	+/-0.012	12.137
RD0027	3.750	+/-0.012	12.989
RD0394	3.875	+/-0.012	13.869
RD0028	4.000	+/-0.012	14.778
RD0935	4.062	+/-0.012	15.240
RD0526	4.125	+/-0.012	15.716
RD0525	4.250	+/-0.012	16.683
RD0700	4.312	+/-0.012	17.173
RD0701	4.375	+/-0.012	17.679
RD0702	4.500	+/-0.012	18.703
RD0703	4.625	+/-0.012	19.757
RD0704	4.750	+/-0.012	20.840
RD0705	4.875	+/-0.012	21.951
RD0706	5.000	+/-0.012	23.091
RD0707	5.062	+/-0.016	23.667
RD0708	5.125	+/-0.016	24.260
RD0709	5.250	+/-0.016	25.458
RD0710	5.375	+/-0.016	26.685
RD0711	5.500	+/-0.016	27.939
RD0712	5.625	+/-0.016	29.225
RD0713	5.750	+/-0.016	30.537
RD0714	6.000	+/-0.016	33.250
RD0821	6.125	+/-0.022	34.651



THE ORANGE BOOK CATALOG



LIGHTNING ROD TITE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.
*STENCIL - SUBJECT TO INQUIRY



- Elevated mechanical properties - 44 minimum ksi UTS and 39 minimum ksi YS
- 1/2 commercial bow and straightness
- Meets or exceeds cold finish dimensional tolerances
- Fine grain size for improved anodizing appearance and machinability
- Carbon free surface

SCM DIE NUMBER	SIZE	TOLERANCE	LBS/FT
RD0822	6.250	+/- .021	36.080
RD0823	6.500	+/- .021	39.023
RD1647	6.625	+/- .021	40.539
RD0824	6.750	+/- .021	42.083
RD0825	7.000	+/- .021	45.258
RD1578	7.125	+/- .021	46.888
RD0917	7.250	+/- .021	48.549
RD1787	7.375	+/- .021	50.236
RD0922**	7.500	+/- .021	51.955
RD1547**	7.750	+/- .030	55.475
RD1543***	8.000	+/- .030	59.113

** Maximum length: 11'6" *** Maximum length: 10'



THE ORANGE BOOK CATALOG



VELOCITY PLATE

AVAILABLE IN 6061 AND 6063 ALLOYS,
WEIGHTS SHOWN ARE BASED ON 6061
ALLOY.



- Thickness: 2/3rds Commercial Tolerance - all to the plus side
- Width: 2/3rds Commercial Tolerance - all to the plus side
- Flatness: .0025" x width (Transverse), 2/3rds Commercial Tolerance (Longitudinal) on greater than 5/8" thickness
- 44 minimum ksi UTS on greater than 5/8" thickness
- Carbon free surface

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
VPL0989	0.250	10.000	3.048
VPL0990	0.250	12.000	3.657
VPL1512	0.375	12.000	5.430
VPL1506	0.500	12.000	7.244
VPL1509	0.625	8.000	6.009
VPL1502	0.625	12.000	9.016
VPL1505	0.625	14.000	10.466
VPL1517	0.750	8.000	7.229
VPL1520	0.750	10.000	8.993
VPL1501	0.750	12.000	10.845
VPL1503	0.750	14.000	12.650
VPL1511	1.000	12.000	14.446
VPL1507	1.000	14.000	16.850
VPL1808	1.250	10.000	14.998
VPL1723	1.250	12.000	18.062
VPL1513	1.500	8.000	14.354
VPL1508	1.500	10.000	17.952
VPL1500	1.500	12.000	21.535
VPL1515	1.750	8.000	16.764
VPL1510	1.750	12.000	25.151
VPL1518	2.000	10.000	23.956
VPL1514	2.000	12.000	28.738
VPL1848	2.000	13.000	31.122
VPL1504	2.000	14.000	33.522

* 5/8" and less thickness, UTS is 42 minimum ksi and transverse flatness is .004" x width



THE ORANGE BOOK CATALOG

EXTRUDED SQUARE BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	SIZE	LBS/FT
SQ0037	0.500	0.294
SQ0038	0.625	0.460
SQ0039	0.750	0.661
SQ0398	0.875	0.900
SQ0040	1.000	1.176
SQ0454	1.125	1.488
SQ0041	1.250	1.837
SQ0491	1.375	2.223
SQ0042	1.500	2.646
SQ0396	1.625	3.106
SQ0043 TB	1.750	3.601
SQ0044 TB	2.000	4.704
SQ0617	2.125	5.310
SQ0045 TB	2.250	5.953
SQ0046 TB	2.500	7.350
SQ0047 TB	2.750	8.893
SQ0048 TB	3.000	10.584
SQ0049	3.250	12.421
SQ0050 TB	3.500	14.406
SQ1729	3.625	15.453
SQ0843	3.750	16.537
SQ0727 TB	4.000	18.816
SQ0728 TB	4.500	23.814
SQ0729 TB	5.000	29.400
SQ0983	5.250	32.413
SQ0848 TB	5.500	35.573
SQ0826 TB	6.000	42.335
SQ0932	6.500	49.685
SQ0933*	7.000	57.623

* Maximum length 10'6"



THE ORANGE BOOK CATALOG

HEXAGONAL BAR

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.



SCM DIE NUMBER	SIZE	TOLERANCE	LBS/FT
XB1109*	0.563	+/- .005	0.322
XB1132*	0.625	+/- .005	0.397
XB0630	0.688	+/- .005	0.482
XB0054	0.750	+/- .005	0.573
XB1076	0.813	+/- .005	0.673
XB0055	0.875	+/- .005	0.780
XB0584	0.937	+/- .005	0.896
XB0652	0.998	+/- .005	1.015
XB0056	1.000	+/- .005	1.018
XB0585	1.062	+/- .006	1.151
XB0057	1.125	+/- .006	1.289
XB0580	1.188	+/- .006	1.437
XB0058	1.250	+/- .006	1.591
XB0586	1.312	+/- .006	1.756
XB0059	1.375	+/- .006	1.925
XB0570	1.438	+/- .006	2.106
XB0391	1.500	+/- .007	2.292
XB0490	1.625	+/- .007	2.690
XB0392	1.750	+/- .007	3.119
XB0571	1.875	+/- .007	3.581
XB0393	2.000	+/- .008	4.074
XB0564	2.250	+/- .012	5.156
XB0527	2.500	+/- .012	6.366
XB1524	3.000	+/- .012	9.166
XB0631	3.500	+/- .024	12.476

*STENCIL - SUBJECT TO INQUIRY



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY
 TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0065*	0.188	1.500	0.332
RB0066	0.188	2.000	0.442
RB0357	0.188	2.500	0.553
RB0067	0.188	3.000	0.663
RB0545	0.188	4.000	0.884
RB0071*	0.250	1.250	0.367
RB0072	0.250	1.500	0.441
RB0549	0.250	1.750	0.515
RB0073	0.250	2.000	0.588
RB0560	0.250	2.250	0.661
RB0074	0.250	2.500	0.735
RB0075	0.250	3.000	0.882
RB0358	0.250	3.500	1.029
RB0076	0.250	4.000	1.176
RB0507	0.250	4.500	1.322
RB0077	0.250	5.000	1.470
RB0522	0.250	5.500	1.617
SEE PLATE	0.250	6.000	1.764
RB0599	0.250	6.500	1.911
SEE PLATE	0.250	7.000	2.058
RB0536	0.250	7.500	2.205
SEE PLATE	0.250	8.000	2.352
SEE PLATE	0.250	10.000	2.940
SEE PLATE	0.250	12.000	3.528
SEE PLATE	0.250	13.000	3.822
RB0360*	0.312	1.000	0.367
RB0361	0.312	1.250	0.459
RB0362	0.312	1.500	0.550
RB0363	0.312	2.000	0.734
RB0575	0.312	2.500	0.920
RB0364	0.312	3.000	1.101
RB0495	0.312	4.000	1.466
RB0624	0.312	4.500	1.650
RB0919	0.312	6.000	2.200
RB0610	0.312	6.500	2.384
RB1535	0.312	7.500	2.751
RB0080*	0.375	0.750	0.330
RB0081	0.375	1.000	0.441
RB0082	0.375	1.250	0.552
RB0083	0.375	1.500	0.661
RB0084	0.375	1.750	0.771

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0085	0.375	2.000	0.882
RB0410	0.375	2.250	0.993
RB0086	0.375	2.500	1.102
RB1009	0.375	2.750	1.211
RB0087	0.375	3.000	1.323
RB0397	0.375	3.500	1.543
RB0088	0.375	4.000	1.764
RB0561	0.375	4.250	1.873
RB0411	0.375	4.500	1.984
RB0089	0.375	5.000	2.205
RB0534	0.375	5.375	2.370
RB0502	0.375	5.500	2.425
SEE PLATE	0.375	6.000	2.646
SEE PLATE	0.375	7.000	3.087
SEE PLATE	0.375	8.000	3.528
SEE PLATE	0.375	8.500	3.749
SEE PLATE	0.375	9.000	3.969
SEE PLATE	0.375	10.000	4.410
SEE PLATE	0.375	12.000	5.292
RB0091	0.500	0.750	0.441
RB0092	0.500	1.000	0.588
RB0093	0.500	1.250	0.735
RB0539	0.500	1.375	0.808
RB0094	0.500	1.500	0.882
RB0572	0.500	1.625	0.955
RB0095	0.500	1.750	1.029
RB0096	0.500	2.000	1.176
RB0412	0.500	2.250	1.323
RB0097	0.500	2.500	1.470
RB0683	0.500	2.750	1.616
RB0098	0.500	3.000	1.764
RB0573	0.500	3.125	1.837
RB0498	0.500	3.250	1.910
RB0099	0.500	3.500	2.058
RB0100	0.500	4.000	2.352
RB0503	0.500	4.250	2.498
RB0456	0.500	4.500	2.645
RB0101	0.500	5.000	2.940
RB0431	0.500	5.500	3.234
SEE PLATE	0.500	6.000	3.528
SEE PLATE	0.500	6.500	3.822



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY
 TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
SEE PLATE	0.500	7.000	4.116
SEE PLATE	0.500	8.000	4.704
SEE PLATE	0.500	9.000	5.292
SEE PLATE	0.500	10.000	5.880
SEE PLATE	0.500	10.500	6.174
SEE PLATE	0.500	11.500	6.762
SEE PLATE	0.500	12.000	7.056
SEE PLATE	0.500	14.000	8.231
RB0103	0.625	1.000	0.735
RB0104	0.625	1.250	0.844
RB0105	0.625	1.500	1.102
RB0399	0.625	1.750	1.287
RB0106	0.625	2.000	1.470
RB0107	0.625	2.500	1.837
RB1060	0.625	2.750	2.020
RB0108	0.625	3.000	2.205
RB1570	0.625	3.250	2.387
RB0414	0.625	3.500	2.572
RB0109	0.625	4.000	2.940
RB0547	0.625	4.500	3.307
RB0427	0.625	5.000	3.675
SEE PLATE	0.625	6.000	4.410
SEE PLATE	0.625	6.500	4.777
RB0692	0.625	6.750	4.960
SEE PLATE	0.625	7.000	5.145
SEE PLATE	0.625	8.000	5.880
SEE PLATE	0.625	9.000	6.615
SEE PLATE	0.625	10.000	7.350
SEE PLATE	0.625	12.000	8.820
SEE PLATE	0.625	14.000	10.289
RB1658	0.675	9.500	7.541
RB1172	0.750	0.875	0.771
RB0111	0.750	1.000	0.882
RB0112	0.750	1.250	1.102
RB0113	0.750	1.500	1.323
RB0114	0.750	1.750	1.543
RB0115	0.750	2.000	1.764
RB0400	0.750	2.250	1.984
RB0116	0.750	2.500	2.205
RB1521	0.750	2.750	2.425
RB0117	0.750	3.000	2.646

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0118	0.750	3.500	3.087
RB0119	0.750	4.000	3.528
RB0493	0.750	4.500	3.968
RB0120	0.750	5.000	4.410
RB1713	0.750	5.500	4.850
SEE PLATE	0.750	6.000	5.292
SEE PLATE	0.750	6.500	5.732
SEE PLATE	0.750	7.000	6.174
SEE PLATE	0.750	7.500	6.615
SEE PLATE	0.750	8.000	7.056
SEE PLATE	0.750	8.500	7.497
SEE PLATE	0.750	9.000	7.938
SEE PLATE	0.750	10.000	8.820
SEE PLATE	0.750	12.000	10.584
SEE PLATE	0.750	14.000	12.347
RB1012	0.875	1.000	1.028
RB0693	0.875	1.250	1.285
RB0632	0.875	1.500	1.543
RB0593	0.875	1.750	1.800
RB0504	0.875	2.000	2.057
RB0509	0.875	2.250	2.314
RB0689	0.875	2.500	2.572
RB0669	0.875	3.000	3.117
RB0696	0.875	3.250	3.343
RB0639	0.875	3.500	3.601
RB0602	0.875	4.000	4.115
RB0603	0.875	4.500	4.630
RB0604	0.875	5.000	5.144
RB0605	0.875	5.500	5.659
SEE PLATE	0.875	6.000	6.186
RB0897	0.875	6.750	6.944
SEE PLATE	0.875	7.000	7.203
RB1585	0.875	7.125	7.354
SEE PLATE	0.875	8.000	8.231
SEE PLATE	0.875	10.000	10.290
RB0122	1.000	1.250	1.469
RB0694	1.000	1.375	1.616
MRB0476	1.000	1.500	1.782
MRB1821	1.000	1.750	2.078
MRB0477	1.000	2.000	2.379
RB0401	1.000	2.250	2.646



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY
 TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB1569	1.000	2.375	2.792
RBO125	1.000	2.500	2.940
RBO688	1.000	2.750	3.233
MRB0656	1.000	3.000	3.562
MRB1830	1.000	3.250	3.858
MRB0478	1.000	3.500	4.154
MRB1795	1.000	4.000	4.751
MRB1822	1.000	4.500	5.343
MRB0479	1.000	5.000	5.935
RBO457	1.000	5.500	6.467
RB1842	1.000	5.750	6.862
SEE PLATE	1.000	6.000	7.056
SEE PLATE	1.000	6.250	7.350
RBO607	1.000	6.500	7.644
SEE PLATE	1.000	7.000	8.232
RBO609	1.000	7.250	8.526
SEE PLATE	1.000	8.000	9.408
SEE PLATE TB	1.000	8.500	10.087
SEE PLATE	1.000	9.000	10.583
SEE PLATE	1.000	10.000	11.760
SEE PLATE	1.000	10.750	12.642
SEE PLATE	1.000	12.000	14.112
SEE PLATE	1.000	14.000	16.890
RBO458	1.125	1.500	1.984
RBO537	1.125	2.000	2.645
RB1163	1.125	3.250	4.298
RB1536	1.125	3.500	4.630
RB1575	1.125	4.000	5.291
SEE PLATE	1.125	13.000	17.199
RBO131	1.250	1.500	2.205
MRB1823	1.250	1.750	2.594
MRB1792	1.250	2.000	2.971
RBO676	1.250	2.250	3.307
MRB0475	1.250	2.500	3.709
MRB0664	1.250	3.000	4.449
RBO426	1.250	3.250	4.777
MRB0995	1.250	3.500	5.186
RBO387	1.250	3.750	5.512
RB0135	1.250	4.000	5.880
RBO365	1.250	4.500	6.615
MRB1589	1.250	5.000	7.416

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
MRB1728	1.250	5.500	8.154
SEE PLATE	1.250	6.000	8.820
SEE PLATE	1.250	6.250	9.187
SEE PLATE	1.250	6.500	9.555
SEE PLATE	1.250	7.000	10.290
SEE PLATE	1.250	8.000	11.760
SEE PLATE	1.250	8.500	12.495
SEE PLATE	1.250	9.000	13.229
SEE PLATE	1.250	10.000	14.700
SEE PLATE	1.250	10.500	15.435
SEE PLATE	1.250	10.750	15.803
SEE PLATE	1.250	12.000	17.640
SEE PLATE	1.250	12.500	18.374
SEE PLATE	1.250	13.000	19.109
SEE PLATE	1.250	13.500	20.065
SEE PLATE	1.250	14.000	21.033
RBO595	1.313	4.125	6.363
RBO550	1.375	2.625	4.243
RB1660	1.375	3.750	6.062
RBO551	1.375	4.500	7.276
RBO403	1.500	1.750	3.087
MRB0471	1.500	2.000	3.564
RBO459	1.500	2.250	3.968
MRB0657	1.500	2.500	4.451
RBO420	1.500	2.750	4.851
MRB0480	1.500	3.000	5.338
RB0141	1.500	3.500	6.174
MRB0467	1.500	4.000	7.118
MRB0658	1.500	4.500	8.004
RB1571	1.500	4.625	8.158
RB0143	1.500	5.000	8.820
MRB0659	1.500	5.500	9.776
SEE PLATE TB	1.500	6.000	10.584
SEE PLATE TB	1.500	6.500	11.466
SEE PLATE TB	1.500	7.000	12.348
SEE PLATE	1.500	7.500	13.230
SEE PLATE	1.500	8.000	14.112
SEE PLATE	1.500	9.000	15.876
SEE PLATE	1.500	10.000	17.640
SEE PLATE	1.500	12.000	21.168
SEE PLATE	1.500	14.000	24.695



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY
 TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0429	1.750	2.000	4.116
RB1763	1.750	2.250	4.630
RB0438	1.750	2.500	5.145
RB0552	1.750	2.625	5.401
RB0421	1.750	3.000	6.174
RB0430	1.750	3.500	7.203
RB0390	1.750	3.750	7.717
RB0461	1.750	4.000	8.231
RB0145	1.750	4.500	9.261
MRB1829	1.750	5.000	10.365
MRB1824	1.750	5.500	11.399
SEE PLATE	1.750	6.000	12.348
SEE PLATE	1.750	7.500	15.435
SEE PLATE	1.750	8.000	16.464
SEE PLATE	1.750	9.000	18.522
SEE PLATE	1.750	10.000	20.580
SEE PLATE	1.750	12.000	24.696
SEE PLATE	1.750	13.250	27.218
SEE PLATE	1.750	14.000	28.811
RB0553	1.875	2.125	4.685
RB0404	2.000	2.250	5.292
MRB0468	2.000	2.500	5.942
MRB0469	2.000	3.000	7.125
RB1533	2.000	3.250	7.643
MRB0481	2.000	3.500	8.308
MRB0439	2.000	4.000	9.503
MRB0936	2.000	4.500	10.686
MRB0855	2.000	5.000	11.869
SEE PLATE TB	2.000	6.000	14.112
MRB0466	2.000	6.500	15.431
SEE PLATE	2.000	7.000	16.464
SEE PLATE	2.000	8.000	18.992
SEE PLATE	2.000	9.000	21.168
SEE PLATE	2.000	10.000	23.520
SEE PLATE	2.000	12.000	28.224
SEE PLATE	2.000	14.000	32.927
RB0999	2.125	2.500	6.247
RB0405	2.250	3.000	7.938
RB0406	2.250	3.500	9.261
RB0407	2.250	4.000	10.584
RB0460	2.250	4.250	11.245

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0598	2.250	4.500	11.906
RB0988	2.250	4.750	12.568
RB0951	2.250	5.000	13.229
RB0501	2.250	5.500	14.552
SEE PLATE	2.250	9.500	25.137
SEE PLATE	2.250	10.000	26.459
SEE PLATE	2.250	12.000	31.751
SEE PLATE	2.250	13.000	34.397
RB0562	2.500	2.750	8.084
MRB0482	2.500	3.000	8.896
MRB0440	2.500	3.500	10.373
MRB0483	2.500	4.000	11.866
MRB0484	2.500	4.500	13.343
MRB0485	2.500	5.000	14.820
MRB0859	2.500	5.500	16.297
MRB0792	2.500	6.000	17.788
RB1661	2.500	6.500	19.109
SEE PLATE	2.500	7.500	22.050
SEE PLATE TB	2.500	8.000	23.520
SEE PLATE	2.500	10.000	29.400
SEE PLATE	2.500	12.000	35.279
SEE PLATE	2.500	14.000	41.159
RB0753	2.625	4.000	12.347
RB0754	2.750	3.250	10.510
RB0755	2.750	3.500	11.318
RB0756	2.750	4.000	12.935
RB0757	2.750	4.250	13.744
RB0628	2.750	4.750	15.361
RB1586	2.750	5.250	16.978
SEE PLATE	2.750	12.000	38.808
RB0554	2.875	3.875	13.406
MRB0486	3.000	3.500	12.440
MRB0470	3.000	4.000	14.252
MRB0793	3.000	4.500	15.998
MRB0715	3.000	5.000	17.769
RB0893	3.000	5.500	19.403
MRB0716	3.000	6.000	21.329
SEE PLATE	3.000	7.000	24.873
SEE PLATE TB	3.000	8.000	28.224
SEE PLATE	3.000	10.000	35.280
SEE PLATE	3.000	12.000	42.335



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR BAR, SQUARE CORNERS



AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY
 TB-ALSO AVAILABLE AS THUNDER BAR (Pages 2-3)

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
RB0852	3.125	7.000	25.724
RB1722	3.250	7.000	26.753
RB1548	3.250	7.750	29.620
SEE PLATE	3.250	13.000	49.685
RB0761	3.500	3.625	14.920
MRB0492	3.500	4.000	16.590
MRB0717	3.500	4.500	18.655
MRB0836	3.500	5.000	20.720
RB0851	3.500	5.250	21.608
MRB0937	3.500	6.000	24.870
RB1783	3.500	6.250	25.725
RB0926	3.500	7.000	28.811
RB0766	3.500	8.000	32.927
RB0828	3.500	9.000	37.043
RB1648	3.500	9.250	38.072
SEE PLATE	3.500	10.000	41.159
RB1783	3.750	8.250	36.383
MRB0719	4.000	4.500	21.337
MRB0720	4.000	5.000	23.700
MRB0721	4.000	6.000	28.447
MRB0970	4.000	8.000	37.919
RB0834	4.000	8.500	39.983
RB0920	4.250	8.000	39.983
RB0982	4.500	9.000	47.627
MRB0724	4.500	5.500	29.306
MRB0794	5.000	6.000	35.529
RB1551	5.125	5.500	33.148
RB1164	5.625	1.000	6.614
RB0984	5.750	6.250	42.262



THE ORANGE BOOK CATALOG

EXTRUDED PLATE

AVAILABLE IN 6061 AND 6063 ALLOYS,
WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.



- Width Tolerances
6.00" to 7.99" +/- .044"; 8.00" to 9.99" +/- .054"; 10.00" to 11.99" +/- .074";
12.00" to 13.99" +/- .084"; 14.00" +/- .094"
- Thickness Tolerances
.250"-.499" +/- .008" (under 10" wide) +/- .016" (10.00" and over)
.500"-.749" +/- .009" (under 10" wide) +/- .017" (10.00" and over)
.750"-.999" +/- .010" (under 10" wide) +/- .018" (10.00" and over)
1.00"-1.499" +/- .012" (under 10" wide) +/- .019" (10.00" and over)
1.500"-1.999" +/- .014" (under 10" wide) +/- .024" (10.00" and over)
2.000"-3.500" +/- .024" (under 10" wide) +/- .034" (10.00" and over)
- Flatness - .004" per inch of width
- Mechanical Properties – 44 minimum ksi UTS on greater than 5/8" thickness
- Mechanical Properties – 42 minimum ksi UTS on 5/8" and less thickness
- Carbon Free Surface

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
PL0078	0.250	6.000	1.764
PL0599	0.250	6.500	1.910
PL0508	0.250	7.000	2.057
PL0536	0.250	7.500	2.205
PL0172	0.250	8.000	2.351
PL0687	0.250	8.500	2.498
PL0845	0.250	9.000	2.645
PL0730	0.250	10.000	2.939
PL0858	0.250	11.250	3.307
PL0731	0.250	12.000	3.527
PL0888	0.250	13.000	3.821
PL0090	0.375	6.000	2.646
PL0987	0.375	6.500	2.866
PL0455	0.375	7.000	3.086
PL0176	0.375	8.000	3.528
PL0600	0.375	8.500	3.748
PL0563	0.375	9.000	3.969
PL0732	0.375	10.000	4.409
PL0733	0.375	12.000	5.291
PL0886	0.375	14.000	6.173
PL0986	0.437	6.500	3.340
PL0102	0.500	6.000	3.527
PL0496	0.500	6.500	3.821
PL0413	0.500	7.000	4.116
PL0179	0.500	8.000	4.704
PL0591	0.500	9.000	5.291
PL1840	0.500	9.500	5.585
PL0734	0.500	10.000	5.879
PL0874	0.500	10.500	6.173
PL1601	0.500	11.500	6.761
PL0735	0.500	12.000	7.055
PL0805	0.500	14.000	8.231
PL0110	0.625	6.000	4.409

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
PL0578	0.625	6.500	4.777
PL0535	0.625	7.000	5.145
PL0415	0.625	8.000	5.879
PL0416	0.625	9.000	6.614
PL0736	0.625	10.000	7.349
PL0737	0.625	12.000	8.819
PL0806	0.625	14.000	10.289
PL0121	0.750	6.000	5.291
PL0649	0.750	6.500	5.732
PL0497	0.750	7.000	6.173
PL0601	0.750	7.500	6.614
PL0183	0.750	8.000	7.056
PL0894	0.750	8.500	7.496
PL0590	0.750	9.000	7.937
PL0533	0.750	10.000	8.820
PL0738	0.750	12.000	10.583
PL0807	0.750	14.000	12.347
PL0574	0.875	6.000	6.186
PL0606	0.875	7.000	7.202
PL0524	0.875	8.000	8.231
PL0739	0.875	10.000	10.289
MRB1826	1.000	6.000	7.123
PL1549	1.000	6.250	7.349
PL0607	1.000	6.500	7.643
PL0419	1.000	7.000	8.232
PL0609	1.000	7.250	8.525
MRB1827	1.000	8.000	9.495
MRB1565	1.000	8.500	10.087
PL0579	1.000	9.000	10.583
PL1841	1.000	9.500	11.171
PL0740	1.000	10.000	11.759
PL1556	1.000	10.750	12.641
PL0741	1.000	12.000	14.111



THE ORANGE BOOK CATALOG

EXTRUDED PLATE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.



SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
PL1769	1.000	13.000	15.287
PL0808	1.000	14.000	16.463
PL0953	1.125	13.000	17.198
PL0137	1.250	6.000	8.819
PL1550	1.250	6.250	9.187
PL0923	1.250	6.500	9.554
PL0515	1.250	7.000	10.289
PL0425	1.250	8.000	11.759
PL0878	1.250	8.500	12.494
PL0844	1.250	9.000	13.229
PL0742	1.250	10.000	14.699
PL0916	1.250	10.500	15.434
PL1557	1.250	10.750	15.802
PL0743	1.250	12.000	17.639
PL0809	1.250	12.500	18.374
PL0803	1.250	13.000	19.109
PL1603	1.250	13.500	19.844
PL0810	1.250	14.000	20.579
MRB0980	1.500	6.000	10.664
MRB0948	1.500	6.500	11.558
PL1553	1.500	6.750	11.906
MRB0887	1.500	7.000	12.443
PL1667	1.500	7.500	13.230
PL0190	1.500	8.000	14.112
PL0389	1.500	8.500	14.993
PL0795	1.500	9.000	15.875
PL0744	1.500	10.000	17.639
PL1702	1.500	11.000	19.403
PL0746	1.500	12.000	21.167
PL0811	1.500	14.000	24.695
PL1741	1.500	14.500	25.577
PL0587	1.750	6.000	12.348
PL0597	1.750	7.500	15.434
PL0544	1.750	8.000	16.463
PL1623	1.750	8.500	17.492
PL0796	1.750	9.000	18.521
PL0797	1.750	10.000	20.579
PL1770	1.750	11.000	22.637
PL0812	1.750	12.000	24.695

SCM DIE NUMBER	THICKNESS	WIDTH	LBS/FT
PL0971	1.750	13.250	27.268
PL0813	1.750	14.000	29.399
MRB0441	2.000	6.000	14.247
PL0592	2.000	7.000	16.463
MRB1859	2.000	8.000	18.992
PL0749	2.000	9.000	21.167
PL0750	2.000	10.000	23.519
PL0751	2.000	12.000	28.223
PL0814	2.000	14.000	32.927
PL1526	2.250	9.500	25.136
PL0856	2.250	10.000	26.459
PL0815	2.250	12.000	31.751
PL0816	2.250	13.000	34.397
PL1717	2.500	7.000	20.579
PL0832	2.500	7.500	22.049
MRB1631	2.500	8.000	23.712
PL0833	2.500	10.000	29.399
PL0817	2.500	12.000	35.279
PL0818	2.500	14.000	41.159
PL1626	2.625	6.750	20.836
PL01858	2.750	11.000	35.573
PL0947	2.750	12.000	38.807
MRB1860	3.000	7.000	24.873
PL0799	3.000	8.000	28.223
PL0800	3.000	10.000	35.279
PL01857	3.000	11.000	38.807
PL0819	3.000	12.000	42.335
PL0931	3.250	13.000	49.685
PL0820	3.500	10.000	41.159



THE ORANGE BOOK CATALOG

STRUCTURAL EQUAL ANGLES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
SA0196*	1.000	1.000	0.188	0.400
SA0197	1.000	1.000	0.250	0.514
SA0198*	1.250	1.250	0.125	0.350
SA0199	1.250	1.250	0.188	0.510
SA0200	1.250	1.250	0.250	0.662
SA0201	1.500	1.500	0.125	0.425
SA0202	1.500	1.500	0.188	0.623
SA0203	1.500	1.500	0.250	0.809
SA0464	1.750	1.750	0.125	0.497
SA0380	1.750	1.750	0.188	0.734
SA0204	1.750	1.750	0.250	0.956
SA0205	2.000	2.000	0.125	0.577
SA0206	2.000	2.000	0.188	0.849
SA0207	2.000	2.000	0.250	1.110
SA0566	2.000	2.000	0.312	1.361
SA0208	2.000	2.000	0.375	1.606
SA0540	2.500	2.500	0.125	0.724
SA0209	2.500	2.500	0.188	1.073
SA0210	2.500	2.500	0.250	1.404
SA1153	2.500	2.500	0.313	1.729
SA0211	2.500	2.500	0.375	2.047
SA0212	3.000	3.000	0.188	1.278
SA0213	3.000	3.000	0.250	1.684
SA0381	3.000	3.000	0.312	2.083
SA0214	3.000	3.000	0.375	2.475
SA0215	3.000	3.000	0.500	3.227
SA0216	3.500	3.500	0.250	1.989
SA0217	3.500	3.500	0.375	2.927
SA0382	3.500	3.500	0.500	3.826
SA0218	4.000	4.000	0.250	2.283
SA0219	4.000	4.000	0.375	3.368
SA0220	4.000	4.000	0.500	4.414
SA1052	5.000	5.000	0.250	2.894
SA0221	5.000	5.000	0.375	4.237
SA0222	5.000	5.000	0.500	5.578
SA0223	6.000	6.000	0.375	5.119
SA0224	6.000	6.000	0.500	6.754
SA0770	8.000	8.000	0.500	9.141

*STENCIL - SUBJECT TO INQUIRY



THE ORANGE BOOK CATALOG

STRUCTURAL UNEQUAL ANGLES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
SUA1040	1.500	1.000	0.250	0.662
SUA0451	1.500	1.250	0.188	0.567
SUA1032	1.750	1.250	0.188	0.623
SUA0383	2.000	1.500	0.125	0.497
SUA0226	2.000	1.500	0.188	0.731
SUA0227	2.000	1.500	0.250	0.956
SUA0513	2.500	1.500	0.188	0.849
SUA0565	2.500	1.500	0.250	1.110
SUA0228	2.500	2.000	0.188	0.958
SUA0229	2.500	2.000	0.250	1.257
SUA0230	3.000	2.000	0.188	1.070
SUA0231	3.000	2.000	0.250	1.403
SUA0232	3.000	2.000	0.375	2.046
SUA0384	3.000	2.500	0.250	1.537
SUA0569	3.000	2.500	0.375	2.253
SUA0233	3.500	2.500	0.250	1.684
SUA0385	3.500	2.500	0.375	2.474
SUA0234	4.000	3.000	0.250	1.989
SUA0235	4.000	3.000	0.375	2.926
SUA0462	4.000	3.000	0.500	3.826
SUA0236	5.000	3.000	0.375	3.349
SUA0505	5.000	3.000	0.500	4.396
SUA1734	5.000	3.500	0.500	4.703
SUA0511	6.000	3.000	0.375	3.768
SUA0546	6.000	3.500	0.500	5.306
SUA0237	6.000	4.000	0.375	4.237
SUA0238	6.000	4.000	0.500	5.578
SUA0854	8.000	6.000	0.500	7.952
SUA0771	8.000	6.000	0.750	11.679



THE ORANGE BOOK CATALOG

ARCHITECTURAL EQUAL ANGLES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6063 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
AA1225	1.000	1.000	0.250	0.509
AA0240*	1.250	1.250	0.125	0.346
AA0241	1.500	1.500	0.125	0.418
AA0242	1.500	1.500	0.188	0.616
AA1044	1.500	1.500	0.250	0.800
AA1010	1.750	1.750	0.188	0.725
AA0243	2.000	2.000	0.125	0.563
AA0244	2.000	2.000	0.188	0.835
AA0245	2.000	2.000	0.250	1.091
AA0532	2.000	2.000	0.312	1.339
AA1227	3.000	3.000	0.125	0.854
AA0685	3.000	3.000	0.188	1.272
AA0449	3.000	3.000	0.250	1.673

*STENCIL - SUBJECT TO INQUIRY



THE ORANGE BOOK CATALOG

ARCHITECTURAL UNEQUAL ANGLES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6063 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
AUA0246*	1.500	1.000	0.125	0.346
AUA0247	2.000	1.000	0.125	0.418
AUA1130	2.000	1.500	0.125	0.491
AUA1053	2.000	1.500	0.188	0.725
AUA1139	2.000	1.500	0.250	0.945
AUA0531	2.500	1.500	0.250	1.091
AUA1011	3.000	1.000	0.125	0.563
AUA1160	3.000	1.500	0.250	1.236
AUA1226	3.000	2.000	0.125	0.709
AUA0698	3.000	2.000	0.250	1.382
AUA1131	3.500	1.500	0.125	0.709
AUA1228	4.000	2.000	0.125	0.854
AUA1064	4.000	2.000	0.250	1.690

*STENCIL - SUBJECT TO INQUIRY



THE ORANGE BOOK CATALOG

ARCHITECTURAL CHANNELS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
AC0248*	1.000	1.000	0.125	0.405
AC1224	1.000	2.000	0.125	0.699
AC0249	1.250	1.250	0.125	0.515
AC1217	1.500	0.750	0.125	0.405
AC1219	1.500	1.000	0.125	0.477
AC1066	1.500	1.500	0.125	0.624
AC1113	1.750	1.000	0.125	0.515
AC0250	2.000	1.000	0.125	0.552
AC1221	2.000	2.000	0.125	0.846
AC1046	2.000	2.000	0.250	1.617
AC1223	2.250	0.875	0.125	0.552
AC1220	2.500	1.500	0.125	0.771
AC0251	3.000	1.000	0.125	0.699
AC1222	3.000	1.500	0.1875	1.243
AC1218	5.000	2.000	0.1875	1.906

*STENCIL - SUBJECT TO INQUIRY



THE ORANGE BOOK CATALOG

AMERICAN STANDARD CHANNELS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
SC0252	3.000	1.410	0.170	1.418
SC0253	3.000	1.498	0.258	1.729
SC0254	3.000	1.596	0.356	2.074
SC0255	4.000	1.580	0.180	1.846
SC0256	4.000	1.647	0.247	2.161
SC0257	4.000	1.720	0.320	2.505
SC0258	5.000	1.750	0.190	2.316
SC0259	5.000	1.885	0.325	3.109
SC0530	5.000	2.032	0.472	3.974
SC0260	6.000	1.920	0.200	2.826
SC0261	6.000	1.945	0.225	3.002
SC0262	6.000	2.034	0.314	3.630
SC0263	6.000	2.157	0.438	4.498
SC0264	7.000	2.110	0.230	3.542
SC0538	7.000	2.194	0.314	4.142
SC1528	7.000	2.299	0.419	5.097
SC0265	8.000	2.290	0.250	4.252
SC0558	8.000	2.343	0.303	4.799
SC0447	8.000	2.435	0.395	5.615
SC0266	8.000	2.527	0.488	6.482
SC0772	9.000	2.430	0.230	4.604
SC0773	9.000	2.648	0.448	6.910
SC0774	10.000	2.600	0.240	5.279
SC0775	10.000	2.886	0.526	8.642
SC0776	12.000	2.960	0.300	7.411
SC0877	12.000	3.047	0.387	8.639
SC0777	12.000	3.170	0.510	10.375



THE ORANGE BOOK CATALOG

ALUMINUM ASSOCIATION STANDARD CHANNELS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
SCA0271	2.000	1.000	0.130	0.576
SCA0272	2.000	1.250	0.170	1.071
SCA0273	3.000	1.500	0.130	1.135
SCA0274	3.000	1.750	0.170	1.597
SCA0275	4.000	2.000	0.150	1.738
SCA0276	4.000	2.250	0.190	2.331
SCA0277	5.000	2.250	0.150	2.212
SCA0278	5.000	2.750	0.190	3.089
SCA0283	6.000	2.500	0.170	2.834
SCA0279	6.000	3.250	0.210	4.030
SCA0542	7.000	2.750	0.170	3.205
SCA0280	7.000	3.500	0.210	4.715
SCA0281	8.000	3.000	0.190	4.147
SCA0282	8.000	3.750	0.250	5.789
SCA0778	9.000	3.250	0.230	4.983
SCA0871	9.000	4.000	0.290	6.970
SCA0779	10.000	3.500	0.250	6.135
SCA0780	10.000	4.250	0.310	8.360
SCA0781	12.000	4.000	0.290	8.274
SCA0782	12.000	5.000	0.350	11.822



THE ORANGE BOOK CATALOG

AMERICAN STANDARD I-BEAMS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
BS0288	3.000	2.330	0.170	1.964
BS0289	3.000	2.509	0.349	2.595
BS0290	4.000	2.660	0.190	2.645
BS0291	4.000	2.796	0.326	3.285
BS0506	5.000	3.000	0.210	3.428
BS0450	5.000	3.284	0.494	5.099
BS0292	6.000	3.330	0.230	4.302
BS0293	6.000	3.443	0.343	5.099
BS0787	8.000	4.000	0.270	6.348
BS0849	8.000	4.262	0.532	8.813
BS0850	10.000	4.660	0.310	8.761
BS0875	12.000	5.000	0.350	10.994



THE ORANGE BOOK CATALOG

ALUMINUM ASSOCIATION I-BEAMS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
BA1004	3.000	2.500	0.130	1.637
BA0512	3.000	2.500	0.150	2.030
BA0559	4.000	3.000	0.150	2.310
BA0296	4.000	3.000	0.170	2.793
BA0297	5.000	3.500	0.190	3.700
BA0298	6.000	4.000	0.190	4.030
BA0299	6.000	4.000	0.210	4.692
BA0541	7.000	4.500	0.230	5.800
BA0784	8.000	5.000	0.230	6.181
BA0785	8.000	5.000	0.250	7.023
BA1581	9.000	5.500	0.270	8.361
BA0783	10.000	6.000	0.250	8.646
BA0839	10.000	6.000	0.290	10.286
BA0868	12.000	7.000	0.290	11.672
BA0827	12.000	7.000	0.310	14.292



THE ORANGE BOOK CATALOG

AMERICAN STANDARD H-BEAMS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
B0304	4.000	4.000	0.313	4.758
B0516	5.000	5.000	0.313	6.488
B0873	6.000	5.938	0.250	7.853



THE ORANGE BOOK CATALOG

AMERICAN STANDARD WIDE FLANGE BEAMS

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
BW0305	6.000	4.000	0.230	4.161
BW0306	6.000	6.000	0.240	5.400
BW0870	8.000	5.250	0.230	5.902
BW0857	8.000	6.500	0.245	8.321
BW0786	8.000	8.000	0.288	10.725



THE ORANGE BOOK CATALOG

AMERICAN STANDARD TEES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
T0548	1.500	1.500	0.250	0.870
T0308	2.000	2.000	0.250	1.255
T1101	2.250	2.250	0.250	1.250
T0529	3.000	3.000	0.375	2.717
T1077	3.000	4.000	0.375	2.992
T1091	3.000	5.000	0.250	2.310
T0568	4.000	4.000	0.375	3.743
T1691	12.000	2.500	0.500	8.232



THE ORANGE BOOK CATALOG

AMERICAN STANDARD ZEES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
Z1015	1.750	1.750	0.182	1.060
Z1106	2.000	1.250	0.188	0.922
Z0543	3.000	2.688	0.250	2.333
Z1014	3.000	2.688	0.375	3.381
Z0581	4.000	3.062	0.250	2.848



THE ORANGE BOOK CATALOG

STRUCTURAL SCHEDULE PIPE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	NPS	SCHEDULE	LBS/FT
HP0309*	0.750	40	0.392
HP0310	1.000	40	0.581
HP0311	1.250	40	0.787
HP0312	1.500	40	0.940
HP1021	1.500	80	1.256
HP0313	2.000	40	1.264
HP0423	2.000	80	1.737
HP0314	2.500	40	2.004
HP0315	3.000	40	2.620
HP1123	3.000	80	3.547
HP1115***	3.500	10	1.720
HP0316	3.500	40	3.152
HP0317	4.000	40	3.733
HP1120	4.000	80	5.183
HP1035	5.000	40	5.057
HP1229***	6.000	10	3.214
HP1025	6.000	40	6.563
HP1689	6.000	80	9.884
HP0941	8.000	40	9.877
HP0974	10.000	40	14.004
HP0998	10.000	80	22.290

*STENCIL - SUBJECT TO INQUIRY

***AVAILABLE IN 6063 ALLOY ONLY



THE ORANGE BOOK CATALOG

EXTRUDED ROUND TUBE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6063 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	SIZE	WALL	LBS/FT
HT1159	1.375	0.125	0.577
HT1122	2.000	0.250	1.599
HT1186	3.000	0.250	2.540

*STENCIL - SUBJECT TO INQUIRY

***Available in 6063 only



THE ORANGE BOOK CATALOG

EXTRUDED SQUARE TUBE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6063 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	SIZE	WALL	LBS/FT
HSQ1202***	0.750	0.125	0.364
HSQ0321	1.000	0.125	0.510
HSQ0322	1.250	0.125	0.655
HSQ0323	1.500	0.125	0.801
HSQ0324	1.750	0.125	0.946
HSQ0325	2.000	0.125	1.092
HSQ0622	2.000	0.188	1.587
HSQ0422	2.000	0.250	2.037
HSQ0444	2.500	0.125	1.383
HSQ1114	2.500	0.250	2.619
HSQ0326	3.000	0.125	1.674
HSQ1103	3.000	0.156	2.066
HSQ1165	3.000	0.188	2.487
HSQ0408	3.000	0.250	3.201
HSQ1003	3.000	0.375	4.583
HSQ0327	4.000	0.125	2.256
HSQ1104	4.000	0.188	3.337
HSQ0328	4.000	0.250	4.365
HSQ1065	4.000	0.375	6.330
HSQ0872	4.000	0.500	8.148
HSQ1208***	5.000	0.125	2.838
HSQ1203	5.000	0.250	5.529
HSQ0788	6.000	0.250	6.693
HSQ1637**	6.000	0.375	9.822
HSQ0789	6.000	0.500	12.804
HSQ1209***	8.000	0.1875	6.839
HSQ1639**	8.000	0.250	9.021
HSQ1638**	8.000	0.500	17.460

*STENCIL - SUBJECT TO INQUIRY

**Only available East of the Rockies

***Available in 6063 only



THE ORANGE BOOK CATALOG

EXTRUDED RECTANGULAR TUBE

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6063 ALLOY. *STENCIL - SUBJECT TO INQUIRY

SCM DIE NUMBER	DIM. A	DIM. B	THICKNESS	LBS/FT
HR1215***	0.500	1.000	0.125	0.364
HR1211***	0.750	1.500	0.125	0.582
HR1084	1.000	1.500	0.125	0.655
HR0329	1.000	2.000	0.125	0.801
HR1156	1.000	2.000	0.188	1.160
HR1085	1.000	4.000	0.125	1.383
HR1088	1.250	2.500	0.125	1.019
HR0451	1.250	1.500	0.188	1.039
HR0330	1.500	2.000	0.125	0.946
HR0448	1.500	2.500	0.125	1.092
HR1087	1.500	3.000	0.125	1.237
HR1214	1.500	6.000	0.125	2.110
HR0331	1.750	3.000	0.125	1.310
HR1110	1.750	3.500	0.125	1.455
HR0332	1.750	4.000	0.125	1.601
HR1111	1.750	4.500	0.125	1.746
HR0333	2.000	3.000	0.125	1.383
HR1043	2.000	3.000	0.250	2.619
HR0445	2.000	4.000	0.125	1.674
HR1019	2.000	4.000	0.250	3.201
HR0334	2.000	5.000	0.125	1.965
HR0446	2.000	6.000	0.125	2.256
HR1108	2.000	6.000	0.250	4.365
HR1213	3.000	5.000	0.125	2.256
HR1212	3.000	6.000	0.125	2.547
HR0335	3.000	6.000	0.188	3.775
HR1644***	3.000	8.000	0.125	3.129
HR1210***	4.000	6.000	0.125	2.838
HR0790	4.000	6.000	0.250	5.529
HR1624	4.000	6.000	0.375	8.076
HR0791	4.000	6.000	0.500	10.476
HR0876	4.000	8.000	0.250	6.693
HR1636**	4.000	8.000	0.500	12.804
HR1635**	5.000	8.000	0.375	10.695

*STENCIL - SUBJECT TO INQUIRY

**Only available East of the Rockies

***Available in 6063 only



THE ORANGE BOOK CATALOG

CANADIAN STRUCTURAL EQUAL ANGLES

AVAILABLE IN 6061 AND 6063 ALLOYS, WEIGHTS SHOWN ARE BASED ON 6061 ALLOY.

SCM DIE NUMBER	A LEG	B LEG	THICKNESS	LBS/FT
CANA1142	1.500	1.500	0.250	0.824
CANA1143	2.000	2.000	0.250	1.118