



# ORANGE CRUSH



*Please defer to the SCM Catalog for Tolerancing & Lbs/ft Information*

## Manifold Thunder Bar

| Die     | Size          | Alloy | Temper | Cut Length (Inches) |
|---------|---------------|-------|--------|---------------------|
| MRB1978 | 0.750 x 2.500 | 6061  | T6511  | 144                 |
| MRB1979 | 0.750 x 3.000 | 6061  | T6511  | 144                 |
| MRB1934 | 0.750 x 4.000 | 6061  | T6511  | 144                 |
| MRB1980 | 0.750 x 6.000 | 6061  | T6511  | 144                 |
| MRB1234 | 1.000 x 1.250 | 6061  | T6511  | 144                 |
| MRB0476 | 1.000 x 1.500 | 6061  | T6511  | 144                 |
| MRB1821 | 1.000 x 1.750 | 6061  | T6511  | 144                 |
| MRB0477 | 1.000 x 2.000 | 6061  | T6511  | 144                 |
| MRB1891 | 1.000 x 2.250 | 6061  | T6511  | 144                 |
| MRB1727 | 1.000 x 2.500 | 6061  | T6511  | 144                 |
| MRB0656 | 1.000 x 3.000 | 6061  | T6511  | 144                 |
| MRB0478 | 1.000 x 3.500 | 6061  | T6511  | 144                 |
| MRB1795 | 1.000 x 4.000 | 6061  | T6511  | 144                 |
| MRB1822 | 1.000 x 4.500 | 6061  | T6511  | 144                 |
| MRB0479 | 1.000 x 5.000 | 6061  | T6511  | 144                 |
| MRB1826 | 1.000 x 6.000 | 6061  | T6511  | 144                 |
| MRB1901 | 1.000 x 7.000 | 6061  | T6511  | 144                 |
| MRB1827 | 1.000 x 8.000 | 6061  | T6511  | 144                 |
| MRB1239 | 1.250 x 1.500 | 6061  | T6511  | 144                 |
| MRB1823 | 1.250 x 1.750 | 6061  | T6511  | 144                 |
| MRB1792 | 1.250 x 2.000 | 6061  | T6511  | 144                 |
| MRB1900 | 1.250 x 2.250 | 6061  | T6511  | 144                 |
| MRB0475 | 1.250 x 2.500 | 6061  | T6511  | 144                 |
| MRB0664 | 1.250 x 3.000 | 6061  | T6511  | 144                 |
| MRB0995 | 1.250 x 3.500 | 6061  | T6511  | 144                 |
| MRB1898 | 1.250 x 4.000 | 6061  | T6511  | 144                 |
| MRB1771 | 1.250 x 4.500 | 6061  | T6511  | 144                 |
| MRB1589 | 1.250 x 5.000 | 6061  | T6511  | 144                 |
| MRB1899 | 1.250 x 6.000 | 6061  | T6511  | 144                 |
| MRB1913 | 1.500 x 1.750 | 6061  | T6511  | 144                 |
| MRB0471 | 1.500 x 2.000 | 6061  | T6511  | 144                 |
| MRB1290 | 1.500 x 2.250 | 6061  | T6511  | 144                 |
| MRB0657 | 1.500 x 2.500 | 6061  | T6511  | 144                 |

|         |               |      |       |     |
|---------|---------------|------|-------|-----|
| MRB1912 | 1.500 x 2.750 | 6061 | T6511 | 144 |
| MRB0480 | 1.500 x 3.000 | 6061 | T6511 | 144 |
| MRB1797 | 1.500 x 3.500 | 6061 | T6511 | 144 |
| MRB0467 | 1.500 x 4.000 | 6061 | T6511 | 144 |
| MRB0658 | 1.500 x 4.500 | 6061 | T6511 | 144 |
| MRB1736 | 1.500 x 5.000 | 6061 | T6511 | 144 |
| MRB0659 | 1.500 x 5.500 | 6061 | T6511 | 144 |
| MRB0980 | 1.500 x 6.000 | 6061 | T6511 | 144 |
| MRB0887 | 1.500 x 7.000 | 6061 | T6511 | 144 |
| MRB1772 | 1.500 x 8.000 | 6061 | T6511 | 144 |
| MRB1737 | 1.750 x 2.000 | 6061 | T6511 | 144 |
| MRB1895 | 1.750 x 2.500 | 6061 | T6511 | 144 |
| MRB1915 | 1.750 x 3.000 | 6061 | T6511 | 144 |
| MRB1927 | 1.750 x 3.500 | 6061 | T6511 | 144 |
| MRB1892 | 1.750 x 4.000 | 6061 | T6511 | 144 |
| MRB1692 | 1.750 x 4.500 | 6061 | T6511 | 144 |
| MRB1829 | 1.750 x 5.000 | 6061 | T6511 | 144 |
| MRB1824 | 1.750 x 5.500 | 6061 | T6511 | 144 |
| MRB1896 | 2.000 x 2.250 | 6061 | T6511 | 144 |
| MRB0468 | 2.000 x 2.500 | 6061 | T6511 | 144 |
| MRB0469 | 2.000 x 3.000 | 6061 | T6511 | 144 |
| MRB0481 | 2.000 x 3.500 | 6061 | T6511 | 144 |
| MRB0439 | 2.000 x 4.000 | 6061 | T6511 | 144 |
| MRB0936 | 2.000 x 4.500 | 6061 | T6511 | 144 |
| MRB0855 | 2.000 x 5.000 | 6061 | T6511 | 144 |
| MRB0441 | 2.000 x 6.000 | 6061 | T6511 | 144 |
| MRB0466 | 2.000 x 6.500 | 6061 | T6511 | 144 |
| MRB1859 | 2.000 x 8.000 | 6061 | T6511 | 144 |
| MRB1805 | 2.250 x 3.000 | 6061 | T6511 | 144 |
| MRB1807 | 2.250 x 4.000 | 6061 | T6511 | 144 |
| MRB0482 | 2.500 x 3.000 | 6061 | T6511 | 144 |
| MRB0440 | 2.500 x 3.500 | 6061 | T6511 | 144 |
| MRB0483 | 2.500 x 4.000 | 6061 | T6511 | 144 |
| MRB0484 | 2.500 x 4.500 | 6061 | T6511 | 144 |
| MRB0485 | 2.500 x 5.000 | 6061 | T6511 | 144 |
| MRB0792 | 2.500 x 6.000 | 6061 | T6511 | 144 |
| MRB1631 | 2.500 x 8.000 | 6061 | T6511 | 144 |
| MRB0486 | 3.000 x 3.500 | 6061 | T6511 | 144 |
| MRB0470 | 3.000 x 4.000 | 6061 | T6511 | 144 |
| MRB0793 | 3.000 x 4.500 | 6061 | T6511 | 144 |
| MRB0715 | 3.000 x 5.000 | 6061 | T6511 | 144 |
| MRB0716 | 3.000 x 6.000 | 6061 | T6511 | 144 |
| MRB1860 | 3.000 x 7.000 | 6061 | T6511 | 144 |
| MRB1641 | 3.000 x 8.000 | 6061 | T6511 | 144 |

|         |               |      |       |     |
|---------|---------------|------|-------|-----|
| MRB0492 | 3.500 x 4.000 | 6061 | T6511 | 144 |
| MRB0717 | 3.500 x 4.500 | 6061 | T6511 | 144 |
| MRB0836 | 3.500 x 5.000 | 6061 | T6511 | 144 |
| MRB0719 | 4.000 x 4.500 | 6061 | T6511 | 144 |
| MRB0720 | 4.000 x 5.000 | 6061 | T6511 | 144 |
| MRB0721 | 4.000 x 6.000 | 6061 | T6511 | 144 |
| MRB0723 | 4.500 x 5.000 | 6061 | T6511 | 144 |
| MRB0794 | 5.000 x 6.000 | 6061 | T6511 | 144 |

### Manifold Thunder Bar

| Die     | Size  | Alloy | Temper | Cut Length (Inches) |
|---------|-------|-------|--------|---------------------|
| MSQ1260 | 0.750 | 6061  | T6511  | 144                 |
| MSQ1825 | 1.000 | 6061  | T6511  | 144                 |
| MSQ1866 | 1.250 | 6061  | T6511  | 144                 |
| MSQ1793 | 1.500 | 6061  | T6511  | 144                 |
| MSQ0663 | 1.750 | 6061  | T6511  | 144                 |
| MSQ0487 | 2.000 | 6061  | T6511  | 144                 |
| MSQ1594 | 2.250 | 6061  | T6511  | 144                 |
| MSQ0474 | 2.500 | 6061  | T6511  | 144                 |
| MSQ1587 | 2.750 | 6061  | T6511  | 144                 |
| MSQ0488 | 3.000 | 6061  | T6511  | 144                 |
| MSQ1868 | 3.250 | 6061  | T6511  | 144                 |
| MSQ0489 | 3.500 | 6061  | T6511  | 144                 |
| MSQ0718 | 4.000 | 6061  | T6511  | 144                 |
| MSQ0722 | 4.500 | 6061  | T6511  | 144                 |
| MSQ0726 | 5.000 | 6061  | T6511  | 144                 |
| MSQ0939 | 5.500 | 6061  | T6511  | 144                 |
| MSQ0880 | 6.000 | 6061  | T6511  | 144                 |

### Extruded Rectangular Bar, Square Corners & Extruded Plate

| Die    | Size         | Alloy | Temper | Cut Length (Inches) |
|--------|--------------|-------|--------|---------------------|
| RB0066 | .188 x 2.000 | 6061  | T6511  | 144                 |
| RB0065 | .188 x 1.500 | 6061  | T6511  | 144                 |
| RB0072 | .250 x 1.500 | 6061  | T6511  | 144                 |
| RB0073 | .250 x 2.000 | 6061  | T6511  | 144                 |
| RB0074 | .250 x 2.500 | 6061  | T6511  | 144                 |
| RB0075 | .250 x 3.000 | 6061  | T6511  | 144                 |
| RB0358 | .250 x 3.500 | 6061  | T6511  | 144                 |
| RB0076 | .250 x 4.000 | 6061  | T6511  | 144                 |
| RB0077 | .250 x 5.000 | 6061  | T6511  | 144                 |

|        |               |      |       |     |
|--------|---------------|------|-------|-----|
| PL0078 | .250 x 6.000  | 6061 | T6511 | 144 |
| PL0172 | .250 x 8.000  | 6061 | T6511 | 144 |
| PL0731 | .250 x 12.000 | 6061 | T6511 | 144 |
| RB0082 | .375 x 1.250  | 6061 | T6511 | 144 |
| RB0083 | .375 x 1.500  | 6061 | T6511 | 144 |
| RB0084 | .375 x 1.750  | 6061 | T6511 | 144 |
| RB0085 | .375 x 2.000  | 6061 | T6511 | 144 |
| RB0086 | .375 x 2.500  | 6061 | T6511 | 144 |
| RB0087 | .375 x 3.000  | 6061 | T6511 | 144 |
| RB0397 | .375 x 3.500  | 6061 | T6511 | 144 |
| RB0088 | .375 x 4.000  | 6061 | T6511 | 144 |
| RB0411 | .375 x 4.500  | 6061 | T6511 | 144 |
| RB0089 | .375 x 5.000  | 6061 | T6511 | 144 |
| PL0090 | .375 x 6.000  | 6061 | T6511 | 144 |
| PL0176 | .375 x 8.000  | 6061 | T6511 | 144 |
| PL0732 | .375 x 10.000 | 6061 | T6511 | 144 |
| RB0091 | .500 x .750   | 6061 | T6511 | 144 |
| RB0092 | .500 x 1.000  | 6061 | T6511 | 144 |
| RB0093 | .500 x 1.250  | 6061 | T6511 | 144 |
| RB0094 | .500 x 1.500  | 6061 | T6511 | 144 |
| RB0095 | .500 x 1.750  | 6061 | T6511 | 144 |
| RB0096 | .500 x 2.000  | 6061 | T6511 | 144 |
| RB0097 | .500 x 2.500  | 6061 | T6511 | 144 |
| RB0098 | .500 x 3.000  | 6061 | T6511 | 144 |
| RB0099 | .500 x 3.500  | 6061 | T6511 | 144 |
| RB0100 | .500 x 4.000  | 6061 | T6511 | 144 |
| RB0456 | .500 x 4.500  | 6061 | T6511 | 144 |
| RB0101 | .500 x 5.000  | 6061 | T6511 | 144 |
| PL0102 | .500 x 6.000  | 6061 | T6511 | 144 |
| PL0413 | .500 x 7.000  | 6061 | T6511 | 144 |
| PL0179 | .500 x 8.000  | 6061 | T6511 | 144 |
| PL0734 | .500 x 10.000 | 6061 | T6511 | 144 |
| PL0735 | .500 x 12.000 | 6061 | T6511 | 144 |
| RB0103 | .625 x 1.000  | 6061 | T6511 | 144 |
| RB0105 | .625 x 1.500  | 6061 | T6511 | 144 |
| RB0106 | .625 x 2.000  | 6061 | T6511 | 144 |
| RB0107 | .625 x 2.500  | 6061 | T6511 | 144 |
| RB0108 | .625 x 3.000  | 6061 | T6511 | 144 |
| RB0414 | .625 x 3.500  | 6061 | T6511 | 144 |
| RB0109 | .625 x 4.000  | 6061 | T6511 | 144 |
| RB0427 | .625 x 5.000  | 6061 | T6511 | 144 |
| PL0110 | .625 x 6.000  | 6061 | T6511 | 144 |
| RB0111 | .750 x 1.000  | 6061 | T6511 | 144 |
| RB0112 | .750 x 1.250  | 6061 | T6511 | 144 |

|        |                |      |       |     |
|--------|----------------|------|-------|-----|
| RB0113 | .750 x 1.500   | 6061 | T6511 | 144 |
| RB0115 | .750 x 2.000   | 6061 | T6511 | 144 |
| RB0118 | .750 x 3.500   | 6061 | T6511 | 144 |
| RBO493 | .750 x 4.500   | 6061 | T6511 | 144 |
| RB0120 | .750 x 5.000   | 6061 | T6511 | 144 |
| PL0497 | .750 x 7.000   | 6061 | T6511 | 144 |
| PL0183 | .750 x 8.000   | 6061 | T6511 | 144 |
| PL0533 | .750 x 10.000  | 6061 | T6511 | 144 |
| PL0738 | .750 x 12.000  | 6061 | T6511 | 144 |
| PL0740 | 1.000 x 10.000 | 6061 | T6511 | 144 |
| PL0743 | 1.250 x 12.000 | 6061 | T6511 | 144 |
| PL0425 | 1.250 x 8.000  | 6061 | T6511 | 144 |
| PL0587 | 1.750 x 6.000  | 6061 | T6511 | 144 |
| PL0750 | 2.000 x 10.000 | 6061 | T6511 | 144 |
| PL0592 | 2.000 x 7.000  | 6061 | T6511 | 144 |

### Velocity Plate

| Die     | Size           | Alloy | Temper | Cut Length (Inches) |
|---------|----------------|-------|--------|---------------------|
| VPL1501 | .750 x 12.000  | 6061  | T6511  | 144                 |
| VPL1511 | 1.000 x 12.000 | 6061  | T6511  | 144                 |
| VPL1517 | .750 x 8.000   | 6061  | T6511  | 144                 |

### Lightening Rod Tite

| Die    | Size  | Alloy | Temper | Cut Length (Inches) |
|--------|-------|-------|--------|---------------------|
| RD0002 | 0.625 | 6061  | T6511  | 144                 |
| RD0003 | 0.750 | 6061  | T6511  | 144                 |
| RD0004 | 0.875 | 6061  | T6511  | 144                 |
| RD0005 | 1.000 | 6061  | T6511  | 144                 |
| RD0006 | 1.125 | 6061  | T6511  | 144                 |
| RD0008 | 1.250 | 6061  | T6511  | 144                 |
| RD0375 | 1.312 | 6061  | T6511  | 144                 |
| RD0009 | 1.375 | 6061  | T6511  | 144                 |
| RD0010 | 1.500 | 6061  | T6511  | 144                 |
| RD0377 | 1.562 | 6061  | T6511  | 144                 |
| RD0011 | 1.625 | 6061  | T6511  | 144                 |
| RD0012 | 1.750 | 6061  | T6511  | 144                 |
| RD0013 | 1.875 | 6061  | T6511  | 144                 |
| RD0014 | 2.000 | 6061  | T6511  | 144                 |
| RD0015 | 2.125 | 6061  | T6511  | 144                 |
| RD0016 | 2.250 | 6061  | T6511  | 144                 |
| RD0017 | 2.375 | 6061  | T6511  | 144                 |
| RD0018 | 2.500 | 6061  | T6511  | 144                 |

|        |       |      |       |     |
|--------|-------|------|-------|-----|
| RD0019 | 2.625 | 6061 | T6511 | 144 |
| RD0020 | 2.750 | 6061 | T6511 | 144 |
| RD0021 | 2.875 | 6061 | T6511 | 144 |
| RD0022 | 3.000 | 6061 | T6511 | 144 |
| RD0023 | 3.125 | 6061 | T6511 | 144 |
| RD0024 | 3.250 | 6061 | T6511 | 144 |
| RD0025 | 3.375 | 6061 | T6511 | 144 |
| RD0026 | 3.500 | 6061 | T6511 | 144 |
| RD0378 | 3.625 | 6061 | T6511 | 144 |
| RD0027 | 3.750 | 6061 | T6511 | 144 |
| RD0028 | 4.000 | 6061 | T6511 | 144 |
| RD0526 | 4.125 | 6061 | T6511 | 144 |
| RD0525 | 4.250 | 6061 | T6511 | 144 |
| RD0702 | 4.500 | 6061 | T6511 | 144 |
| RD0704 | 4.750 | 6061 | T6511 | 144 |
| RD0706 | 5.000 | 6061 | T6511 | 144 |
| RD0709 | 5.250 | 6061 | T6511 | 144 |
| RD0711 | 5.500 | 6061 | T6511 | 144 |
| RD0713 | 5.750 | 6061 | T6511 | 144 |
| RD0714 | 6.000 | 6061 | T6511 | 144 |
| RD0822 | 6.250 | 6061 | T6511 | 144 |
| RD0823 | 6.500 | 6061 | T6511 | 144 |
| RD0824 | 6.750 | 6061 | T6511 | 144 |
| RD0825 | 7.000 | 6061 | T6511 | 144 |
| RD0922 | 7.500 | 6061 | T6511 | 137 |
| RD1543 | 8.000 | 6061 | T6511 | 108 |
| RD2008 | 8.500 | 6061 | T6    | 98  |
| RD1991 | 9.000 | 6061 | T6    | 75  |

### Structural Equal Angles

| Die    | Size             | Alloy | Temper | Cut Length (Inches) |
|--------|------------------|-------|--------|---------------------|
| SA0199 | 1.250x1.250x.188 | 6061  | T6     | 300                 |
| SA0201 | 1.500x1.500x.125 | 6061  | T6     | 300                 |
| SA0202 | 1.500x1.500x.188 | 6061  | T6     | 300                 |
| SA0203 | 1.500x1.500x.250 | 6061  | T6     | 300                 |
| SA0205 | 2.000x2.000x.125 | 6061  | T6     | 300                 |
| SA0206 | 2.000x2.000x.188 | 6061  | T6     | 300                 |
| SA0207 | 2.000x2.000x.250 | 6061  | T6     | 300                 |
| SA0211 | 2.500x2.500x.375 | 6061  | T6     | 300                 |
| SA0213 | 3.000x3.000x.250 | 6061  | T6     | 300                 |
| SA0214 | 3.000x3.000x.375 | 6061  | T6     | 300                 |
| SA0219 | 4.000x4.000x.375 | 6061  | T6     | 300                 |
| SA0218 | 4.000x4.000x.250 | 6061  | T6     | 300                 |

## American Standard Channels(ASC) & Aluminum Association Standard Channels(AAC)

| Die     | Size                      | Alloy | Temper | Cut Length (Inches) |
|---------|---------------------------|-------|--------|---------------------|
| SC0252  | ASC 3.000 x 1.410 x .170  | 6061  | T6     | 300                 |
| SC0253  | ASC 3.000 x 1.498 x .258  | 6061  | T6     | 300                 |
| SC0254  | ASC 3.000 x 1.596 x .356  | 6061  | T6     | 300                 |
| SC0255  | ASC 4.000 x 1.580 x .180  | 6061  | T6     | 300                 |
| SC0257  | ASC 4.000 x 1.720 x .320  | 6061  | T6     | 300                 |
| SC0260  | ASC 6.000 x 1.920 x .200  | 6061  | T6     | 300                 |
| SC0261  | ASC 6.000 x 1.945 x .225  | 6061  | T6     | 300                 |
| SC0262  | ASC 6.000 x 2.034 x .314  | 6061  | T6     | 300                 |
| SC0263  | ASC 6.000 x 2.157 x .437  | 6061  | T6     | 300                 |
| SC0265  | ASC 8.000 x 2.290 x .250  | 6061  | T6     | 300                 |
| SC0774  | ASC 10.000 x 2.60 x .240  | 6061  | T6     | 300                 |
| SC0776  | ASC 12.000 x 2.960 x .300 | 6061  | T6     | 300                 |
| SC0777  | ASC 12.000 x 3.170 x .510 | 6061  | T6     | 300                 |
| SC0877  | ASC 12.000 x 3.047 x .387 | 6061  | T6     | 300                 |
| SCA0271 | AAC 2.000 x 1.000 x .130  | 6061  | T6     | 300                 |
| SCA0272 | AAC 2.000 x 1.250 x .170  | 6061  | T6     | 300                 |
| SCA0273 | AAC 3.000 x 1.500 x .130  | 6061  | T6     | 300                 |
| SCA0275 | AAC 4.000 x 2.000 x .150  | 6061  | T6     | 300                 |
| SCA0276 | AAC 4.000 x 2.250 x .190  | 6061  | T6     | 300                 |
| SCA0277 | AAC 5.000 x 2.250 x .150  | 6061  | T6     | 300                 |
| SCA0283 | AAC 6.000 x 2.500 x .170  | 6061  | T6     | 300                 |
| SCA0279 | AAC 6.000 x 3.250 x .210  | 6061  | T6     | 300                 |
| SCA0281 | AAC 8.000 x 3.000 x .190  | 6061  | T6     | 300                 |
| SCA0282 | AAC 8.000 x 3.750 x .250  | 6061  | T6     | 300                 |
| SCA0779 | AAC 10.000 x 3.500 x .250 | 6061  | T6     | 300                 |
| SCA0780 | AAC 10.000 x 4.250 x .310 | 6061  | T6     | 300                 |
| SCA0781 | AAC 12.000 x 4.000 x .290 | 6061  | T6     | 300                 |

## Structural Unequal Angles

| Die     | Size                 | Alloy | Temper | Cut Length (Inches) |
|---------|----------------------|-------|--------|---------------------|
| SUA0227 | 2.000 x 1.500 x .250 | 6061  | T6     | 300                 |
| SUA0231 | 3.000 x 2.000 x .250 | 6061  | T6     | 300                 |
| SUA0232 | 3.000 x 2.000 x .375 | 6061  | T6     | 300                 |
| SUA0237 | 6.000 x 4.000 x .375 | 6061  | T6     | 300                 |
| SUA0462 | 4.000 x 3.000 x .500 | 6061  | T6     | 300                 |
| SUA1304 | 5.000 x 3.000 x .250 | 6061  | T6     | 300                 |

**American Standard (ASI) & Aluminum  
Association (AAI) I-Beams**

| <b>Die</b> | <b>Size</b>               | <b>Alloy</b> | <b>Temper</b> | <b>Cut Length<br/>(Inches)</b> |
|------------|---------------------------|--------------|---------------|--------------------------------|
| BS0290     | ASI 4.000 x 2.660 x .190  | 6061         | T6            | 300                            |
| BS0787     | ASI 8.000 x 4.000 x .270  | 6061         | T6            | 300                            |
| BA0296     | AAI 4.000 x 3.000 x .170  | 6061         | T6            | 300                            |
| BA0298     | AAI 6.000 x 4.000 x .190  | 6061         | T6            | 300                            |
| BA0299     | AAI 6.000 x 4.000 x .210  | 6061         | T6            | 300                            |
| BA0785     | AAI 8.000 x 5.000 x .250  | 6061         | T6            | 300                            |
| BA0784     | AAI 8.000 x 5.000 x .230  | 6061         | T6            | 300                            |
| BA0839     | AAI 10.000 x 6.000 x .290 | 6061         | T6            | 300                            |
| BA0783     | AAI 10.000 x 6.000 x .250 | 6061         | T6            | 300                            |
| BA0827     | AAI 12.000 x 7.000 x .310 | 6061         | T6            | 300                            |