



# 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