



SHANDONG UNION ALUMINIUM CO., LTD  
FOCUS ON ALUMINIUM PRODUCTION

# 6061 ALUMINIUM SHEET & PLATE

## STOCK GUIDE

A practical stock reference for 6061-T6 and 6061-T651 sheet and plate. Designed for buyers, engineers and machinists, it pairs imperial and metric dimensions with nominal unit weights to simplify specification, estimating and sourcing.

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6061-T6 Aluminium Sheet & Plate

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# 6061-T6 Aluminium Sheet & Plate

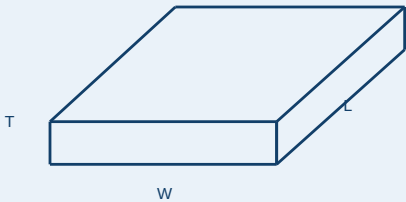
6061 ALUMINIUM STOCK GUIDE

UNION AL

SPEC

AMS 4027 | ASTM B209 | EN 485 | AMS-QQ-A-250/11

DIMENSION REFERENCE



| Imperial Unit |        |           | Weight  |         | International Unit |      |           |
|---------------|--------|-----------|---------|---------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs     | Kg      | T/mm               | W/mm | Length/mm |
| 0.039         | 49.213 | 98.425    | 18.602  | 8.438   | 1                  | 1250 | 2500      |
| 0.079         | 49.213 | 98.425    | 37.203  | 16.875  | 2                  | 1250 | 2500      |
| 0.098         | 49.213 | 98.425    | 46.504  | 21.094  | 2.5                | 1250 | 2500      |
| 0.118         | 49.213 | 98.425    | 55.805  | 25.313  | 3                  | 1250 | 2500      |
| 0.157         | 49.213 | 98.425    | 74.406  | 33.750  | 4                  | 1250 | 2500      |
| 0.197         | 49.213 | 98.425    | 93.008  | 42.188  | 5                  | 1250 | 2500      |
| 0.236         | 49.213 | 98.425    | 111.609 | 50.625  | 6                  | 1250 | 2500      |
| 0.315         | 49.213 | 98.425    | 148.812 | 67.500  | 8                  | 1250 | 2500      |
| 0.394         | 49.213 | 98.425    | 186.015 | 84.375  | 10                 | 1250 | 2500      |
| 0.472         | 49.213 | 98.425    | 223.218 | 101.250 | 12                 | 1250 | 2500      |
| 0.551         | 49.213 | 98.425    | 260.421 | 118.125 | 14                 | 1250 | 2500      |
| 0.591         | 49.213 | 98.425    | 279.023 | 126.563 | 15                 | 1250 | 2500      |
| 0.630         | 49.213 | 98.425    | 297.624 | 135.000 | 16                 | 1250 | 2500      |
| 0.709         | 49.213 | 98.425    | 334.827 | 151.875 | 18                 | 1250 | 2500      |
| 0.787         | 49.213 | 98.425    | 372.030 | 168.750 | 20                 | 1250 | 2500      |
| 0.866         | 49.213 | 98.425    | 409.233 | 185.625 | 22                 | 1250 | 2500      |

Nominal stock data; confirm live availability, tolerances and certification when ordering.



# 6061-T6 Aluminium Sheet & Plate

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CONTINUED

| Imperial Unit |        |           | Weight   |          | International Unit |      |           |
|---------------|--------|-----------|----------|----------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs      | Kg       | T/mm               | W/mm | Length/mm |
| 0.984         | 49.213 | 98.425    | 465.038  | 210.938  | 25                 | 1250 | 2500      |
| 1.102         | 49.213 | 98.425    | 520.842  | 236.250  | 28                 | 1250 | 2500      |
| 1.181         | 59.055 | 118.110   | 803.585  | 364.500  | 30                 | 1500 | 3000      |
| 1.260         | 59.055 | 118.110   | 857.157  | 388.800  | 32                 | 1500 | 3000      |
| 1.378         | 59.055 | 118.110   | 937.516  | 425.250  | 35                 | 1500 | 3000      |
| 1.575         | 59.055 | 118.110   | 1071.447 | 486.000  | 40                 | 1500 | 3000      |
| 1.772         | 59.055 | 118.110   | 1205.377 | 546.750  | 45                 | 1500 | 3000      |
| 1.969         | 59.055 | 118.110   | 1339.308 | 607.500  | 50                 | 1500 | 3000      |
| 2.165         | 59.055 | 118.110   | 1473.239 | 668.250  | 55                 | 1500 | 3000      |
| 2.362         | 59.055 | 118.110   | 1607.170 | 729.000  | 60                 | 1500 | 3000      |
| 2.559         | 59.055 | 118.110   | 1741.101 | 789.750  | 65                 | 1500 | 3000      |
| 2.756         | 59.055 | 118.110   | 1875.032 | 850.500  | 70                 | 1500 | 3000      |
| 2.953         | 59.055 | 118.110   | 2008.962 | 911.250  | 75                 | 1500 | 3000      |
| 3.150         | 59.055 | 118.110   | 2142.893 | 972.000  | 80                 | 1500 | 3000      |
| 3.346         | 59.055 | 118.110   | 2276.824 | 1032.750 | 85                 | 1500 | 3000      |
| 3.543         | 59.055 | 118.110   | 2410.755 | 1093.500 | 90                 | 1500 | 3000      |
| 3.740         | 59.055 | 118.110   | 2544.686 | 1154.250 | 95                 | 1500 | 3000      |
| 3.937         | 59.055 | 118.110   | 2678.616 | 1215.000 | 100                | 1500 | 3000      |
| 4.134         | 59.055 | 118.110   | 2812.547 | 1275.750 | 105                | 1500 | 3000      |
| 4.331         | 59.055 | 118.110   | 2946.478 | 1336.500 | 110                | 1500 | 3000      |
| 4.528         | 59.055 | 118.110   | 3080.409 | 1397.250 | 115                | 1500 | 3000      |
| 4.724         | 59.055 | 118.110   | 3214.340 | 1458.000 | 120                | 1500 | 3000      |
| 4.921         | 59.055 | 118.110   | 3348.271 | 1518.750 | 125                | 1500 | 3000      |
| 5.118         | 59.055 | 118.110   | 3482.201 | 1579.500 | 130                | 1500 | 3000      |
| 5.315         | 59.055 | 118.110   | 3616.132 | 1640.250 | 135                | 1500 | 3000      |
| 5.512         | 59.055 | 118.110   | 3750.063 | 1701.000 | 140                | 1500 | 3000      |
| 5.709         | 59.055 | 118.110   | 3883.994 | 1761.750 | 145                | 1500 | 3000      |

Nominal stock data; confirm live availability, tolerances and certification when ordering.



# 6061-T6 Aluminium Sheet & Plate

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UNION AL

CONTINUED

| Imperial Unit |        |           | Weight   |          | International Unit |      |           |
|---------------|--------|-----------|----------|----------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs      | Kg       | T/mm               | W/mm | Length/mm |
| 5.906         | 59.055 | 118.110   | 4017.925 | 1822.500 | 150                | 1500 | 3000      |
| 6.102         | 59.055 | 118.110   | 4151.856 | 1883.250 | 155                | 1500 | 3000      |
| 6.299         | 59.055 | 118.110   | 4285.786 | 1944.000 | 160                | 1500 | 3000      |
| 6.496         | 59.055 | 118.110   | 4419.717 | 2004.750 | 165                | 1500 | 3000      |
| 6.693         | 59.055 | 118.110   | 4553.648 | 2065.500 | 170                | 1500 | 3000      |
| 6.890         | 59.055 | 118.110   | 4687.579 | 2126.250 | 175                | 1500 | 3000      |
| 7.087         | 59.055 | 118.110   | 4821.510 | 2187.000 | 180                | 1500 | 3000      |
| 7.480         | 59.055 | 118.110   | 5089.371 | 2308.500 | 190                | 1500 | 3000      |
| 7.677         | 59.055 | 118.110   | 5223.302 | 2369.250 | 195                | 1500 | 3000      |
| 7.874         | 59.055 | 118.110   | 5357.233 | 2430.000 | 200                | 1500 | 3000      |
| 8.268         | 59.055 | 118.110   | 5625.095 | 2551.500 | 210                | 1500 | 3000      |
| 8.661         | 59.055 | 118.110   | 5892.956 | 2673.000 | 220                | 1500 | 3000      |
| 9.055         | 59.055 | 118.110   | 6160.818 | 2794.500 | 230                | 1500 | 3000      |
| 9.449         | 59.055 | 118.110   | 6428.680 | 2916.000 | 240                | 1500 | 3000      |
| 9.843         | 59.055 | 118.110   | 6696.541 | 3037.500 | 250                | 1500 | 3000      |
| 10.236        | 59.055 | 118.110   | 6964.403 | 3159.000 | 260                | 1500 | 3000      |
| 10.630        | 59.055 | 118.110   | 7232.265 | 3280.500 | 270                | 1500 | 3000      |
| 11.024        | 59.055 | 118.110   | 7500.126 | 3402.000 | 280                | 1500 | 3000      |
| 11.417        | 59.055 | 118.110   | 7767.988 | 3523.500 | 290                | 1500 | 3000      |
| 11.811        | 59.055 | 118.110   | 8035.849 | 3645.000 | 300                | 1500 | 3000      |
| 12.205        | 59.055 | 118.110   | 8303.711 | 3766.500 | 310                | 1500 | 3000      |
| 12.598        | 59.055 | 118.110   | 8571.573 | 3888.000 | 320                | 1500 | 3000      |
| 12.992        | 59.055 | 118.110   | 8839.434 | 4009.500 | 330                | 1500 | 3000      |
| 13.386        | 59.055 | 118.110   | 9107.296 | 4131.000 | 340                | 1500 | 3000      |
| 13.780        | 59.055 | 118.110   | 9375.158 | 4252.500 | 350                | 1500 | 3000      |
| 14.173        | 59.055 | 118.110   | 9643.019 | 4374.000 | 360                | 1500 | 3000      |
| 14.567        | 59.055 | 118.110   | 9910.881 | 4495.500 | 370                | 1500 | 3000      |

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# 6061-T6 Aluminium Sheet & Plate

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UNION AL

CONTINUED

| Imperial Unit |        |           | Weight    |          | International Unit |      |           |
|---------------|--------|-----------|-----------|----------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs       | Kg       | T/mm               | W/mm | Length/mm |
| 14.961        | 59.055 | 118.110   | 10178.743 | 4617.000 | 380                | 1500 | 3000      |
| 15.354        | 59.055 | 118.110   | 10446.604 | 4738.500 | 390                | 1500 | 3000      |
| 15.748        | 59.055 | 118.110   | 10714.466 | 4860.000 | 400                | 1500 | 3000      |
| 16.142        | 59.055 | 118.110   | 10982.328 | 4981.500 | 410                | 1500 | 3000      |
| 16.535        | 59.055 | 118.110   | 11250.189 | 5103.000 | 420                | 1500 | 3000      |
| 16.929        | 59.055 | 118.110   | 11518.051 | 5224.500 | 430                | 1500 | 3000      |
| 17.323        | 59.055 | 118.110   | 11785.913 | 5346.000 | 440                | 1500 | 3000      |
| 17.717        | 59.055 | 118.110   | 12053.774 | 5467.500 | 450                | 1500 | 3000      |
| 18.110        | 59.055 | 118.110   | 12321.636 | 5589.000 | 460                | 1500 | 3000      |
| 18.504        | 59.055 | 118.110   | 12589.497 | 5710.500 | 470                | 1500 | 3000      |
| 18.898        | 59.055 | 118.110   | 12857.359 | 5832.000 | 480                | 1500 | 3000      |
| 19.291        | 59.055 | 118.110   | 13125.221 | 5953.500 | 490                | 1500 | 3000      |
| 19.685        | 59.055 | 118.110   | 13393.082 | 6075.000 | 500                | 1500 | 3000      |
| 20.079        | 59.055 | 118.110   | 13660.944 | 6196.500 | 510                | 1500 | 3000      |
| 20.472        | 59.055 | 118.110   | 13928.806 | 6318.000 | 520                | 1500 | 3000      |
| 20.866        | 59.055 | 118.110   | 14196.667 | 6439.500 | 530                | 1500 | 3000      |
| 21.260        | 59.055 | 118.110   | 14464.529 | 6561.000 | 540                | 1500 | 3000      |
| 21.654        | 59.055 | 118.110   | 14732.391 | 6682.500 | 550                | 1500 | 3000      |

## Ordering & service notes

- Standard mill sheets are commonly supplied in 1200 x 2400, 1220 x 2440, 1500 x 3000 and 1520 x 3040 mm; other dimensions can be reviewed against quantity.
- Sawing, shearing, trimming and CNC preparation can be coordinated to reduce downstream handling and material waste.
- Small-hot and trial requirements are welcome. Dispatch timing is confirmed after live stock, processing and inspection needs are checked.
- Project and repeat-order pricing is available for consolidated specifications and volume demand.
- Weights shown are calculated from nominal density and dimensions; final shipment weights may vary with mill tolerances.

Nominal stock data; confirm live availability, tolerances and certification when ordering.



# 6061-T651 Aluminium Sheet & Plate

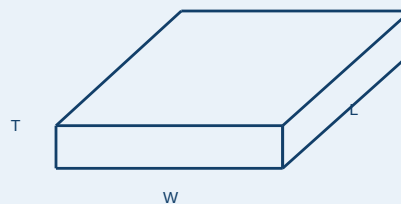
UNION AL

6061 ALUMINIUM STOCK GUIDE

SPEC

AMS 4027 | ASTM B209 | EN 485 | AMS-QQ-A-250/11

DIMENSION REFERENCE



| Imperial Unit |        |           | Weight   |         | International Unit |      |           |
|---------------|--------|-----------|----------|---------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs      | Kg      | T/mm               | W/mm | Length/mm |
| 0.157         | 49.213 | 98.425    | 74.406   | 33.750  | 4                  | 1250 | 2500      |
| 0.197         | 49.213 | 98.425    | 93.008   | 42.188  | 5                  | 1250 | 2500      |
| 0.236         | 49.213 | 98.425    | 111.609  | 50.625  | 6                  | 1250 | 2500      |
| 0.315         | 49.213 | 98.425    | 148.812  | 67.500  | 8                  | 1250 | 2500      |
| 0.394         | 59.055 | 118.110   | 267.862  | 121.500 | 10                 | 1500 | 3000      |
| 0.472         | 59.055 | 118.110   | 321.434  | 145.800 | 12                 | 1500 | 3000      |
| 0.551         | 59.055 | 118.110   | 375.006  | 170.100 | 14                 | 1500 | 3000      |
| 0.591         | 59.055 | 118.110   | 401.792  | 182.250 | 15                 | 1500 | 3000      |
| 0.630         | 59.055 | 118.110   | 428.579  | 194.400 | 16                 | 1500 | 3000      |
| 0.709         | 59.055 | 118.110   | 482.151  | 218.700 | 18                 | 1500 | 3000      |
| 0.787         | 59.055 | 118.110   | 535.723  | 243.000 | 20                 | 1500 | 3000      |
| 0.866         | 59.055 | 118.110   | 589.296  | 267.300 | 22                 | 1500 | 3000      |
| 0.984         | 59.055 | 118.110   | 669.654  | 303.750 | 25                 | 1500 | 3000      |
| 1.102         | 59.055 | 118.110   | 750.013  | 340.200 | 28                 | 1500 | 3000      |
| 1.181         | 59.055 | 118.110   | 803.585  | 364.500 | 30                 | 1500 | 3000      |
| 1.260         | 59.055 | 118.110   | 857.157  | 388.800 | 32                 | 1500 | 3000      |
| 1.378         | 59.055 | 118.110   | 937.516  | 425.250 | 35                 | 1500 | 3000      |
| 1.575         | 59.055 | 118.110   | 1071.447 | 486.000 | 40                 | 1500 | 3000      |
| 1.772         | 59.055 | 118.110   | 1205.377 | 546.750 | 45                 | 1500 | 3000      |
| 1.969         | 59.055 | 118.110   | 1339.308 | 607.500 | 50                 | 1500 | 3000      |
| 2.165         | 59.055 | 118.110   | 1473.239 | 668.250 | 55                 | 1500 | 3000      |

Nominal stock data; confirm live availability, tolerances and certification when ordering.



# 6061-T651 Aluminium Sheet & Plate

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UNION AL

CONTINUED

| Imperial Unit |        |           | Weight   |          | International Unit |      |           |
|---------------|--------|-----------|----------|----------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs      | Kg       | T/mm               | W/mm | Length/mm |
| 2.362         | 59.055 | 118.110   | 1607.170 | 729.000  | 60                 | 1500 | 3000      |
| 2.559         | 59.055 | 118.110   | 1741.101 | 789.750  | 65                 | 1500 | 3000      |
| 2.756         | 59.055 | 118.110   | 1875.032 | 850.500  | 70                 | 1500 | 3000      |
| 2.953         | 59.055 | 118.110   | 2008.962 | 911.250  | 75                 | 1500 | 3000      |
| 3.150         | 59.055 | 118.110   | 2142.893 | 972.000  | 80                 | 1500 | 3000      |
| 3.346         | 59.055 | 118.110   | 2276.824 | 1032.750 | 85                 | 1500 | 3000      |
| 3.543         | 59.055 | 118.110   | 2410.755 | 1093.500 | 90                 | 1500 | 3000      |
| 3.740         | 59.055 | 118.110   | 2544.686 | 1154.250 | 95                 | 1500 | 3000      |
| 3.937         | 59.055 | 118.110   | 2678.616 | 1215.000 | 100                | 1500 | 3000      |
| 4.134         | 59.055 | 118.110   | 2812.547 | 1275.750 | 105                | 1500 | 3000      |
| 4.331         | 59.055 | 118.110   | 2946.478 | 1336.500 | 110                | 1500 | 3000      |
| 4.528         | 59.055 | 118.110   | 3080.409 | 1397.250 | 115                | 1500 | 3000      |
| 4.724         | 59.055 | 118.110   | 3214.340 | 1458.000 | 120                | 1500 | 3000      |
| 4.921         | 59.055 | 118.110   | 3348.271 | 1518.750 | 125                | 1500 | 3000      |
| 5.118         | 59.055 | 118.110   | 3482.201 | 1579.500 | 130                | 1500 | 3000      |
| 5.315         | 59.055 | 118.110   | 3616.132 | 1640.250 | 135                | 1500 | 3000      |
| 5.512         | 59.055 | 118.110   | 3750.063 | 1701.000 | 140                | 1500 | 3000      |
| 5.709         | 59.055 | 118.110   | 3883.994 | 1761.750 | 145                | 1500 | 3000      |
| 5.906         | 59.055 | 118.110   | 4017.925 | 1822.500 | 150                | 1500 | 3000      |
| 6.102         | 59.055 | 118.110   | 4151.856 | 1883.250 | 155                | 1500 | 3000      |
| 6.299         | 59.055 | 118.110   | 4285.786 | 1944.000 | 160                | 1500 | 3000      |
| 6.496         | 59.055 | 118.110   | 4419.717 | 2004.750 | 165                | 1500 | 3000      |
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| 6.890         | 59.055 | 118.110   | 4687.579 | 2126.250 | 175                | 1500 | 3000      |
| 7.087         | 59.055 | 118.110   | 4821.510 | 2187.000 | 180                | 1500 | 3000      |
| 7.480         | 59.055 | 118.110   | 5089.371 | 2308.500 | 190                | 1500 | 3000      |
| 7.874         | 59.055 | 118.110   | 5357.233 | 2430.000 | 200                | 1500 | 3000      |

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# 6061-T651 Aluminium Sheet & Plate

6061 ALUMINIUM STOCK GUIDE

UNION AL

CONTINUED

| Imperial Unit |        |           | Weight   |          | International Unit |      |           |
|---------------|--------|-----------|----------|----------|--------------------|------|-----------|
| T/in          | W/in   | Length/in | Lbs      | Kg       | T/mm               | W/mm | Length/mm |
| 8.268         | 59.055 | 118.110   | 5625.095 | 2551.500 | 210                | 1500 | 3000      |
| 8.661         | 59.055 | 118.110   | 5892.956 | 2673.000 | 220                | 1500 | 3000      |
| 9.055         | 59.055 | 118.110   | 6160.818 | 2794.500 | 230                | 1500 | 3000      |
| 9.449         | 59.055 | 118.110   | 6428.680 | 2916.000 | 240                | 1500 | 3000      |
| 9.843         | 59.055 | 118.110   | 6696.541 | 3037.500 | 250                | 1500 | 3000      |
| 10.236        | 59.055 | 118.110   | 6964.403 | 3159.000 | 260                | 1500 | 3000      |

## Ordering & service notes

- Standard mill sheets are commonly supplied in 1200 x 2400, 1220 x 2440, 1500 x 3000 and 1520 x 3040 mm; other dimensions can be reviewed against quantity.
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## LET'S PLAN YOUR 6061 SUPPLY

Share the temper, thickness, width, length, quantity, destination and certification needs. Our team will review the specification and respond with availability, processing options and delivery timing.

### EMAIL

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### WHATSAPP

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### WEB

[www.unionalu.com](http://www.unionalu.com)

### LOCATION

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Houma Economic Development Zone, Linfen, Shanxi, China

Shandong Union Aluminium Co., Ltd

Flexible supply. Clear specifications. Reliable delivery.