

## ROUND BAR

| Size   |       | Tolerance h 10 |       | Weight per<br>1 m. |
|--------|-------|----------------|-------|--------------------|
| Inch   | mm    | min            | max   |                    |
| *1/8"  | 3.17  | 3.13           | 3.20  | 0.062              |
| 3/16"  | 4.76  | 4.72           | 4.76  | 0.140              |
| 1/4"   | 6.35  | 6.30           | 6.35  | 0.249              |
| 5/16"  | 7.93  | 7.88           | 7.93  | 0.388              |
| 3/8"   | 9.52  | 9.47           | 9.52  | 0.559              |
| 7/16"  | 11.11 | 11.04          | 11.11 | 0.761              |
| 1/2"   | 12.70 | 12.63          | 12.70 | 0.995              |
| 9/16"  | 14.28 | 14.21          | 14.28 | 1.26               |
| 5/8"   | 15.87 | 15.80          | 15.85 | 1.55               |
| 11/16" | 17.46 | 17.39          | 17.46 | 1.88               |
| 3/4"   | 19.05 | 18.97          | 19.03 | 2.24               |
| 13/16" | 20.63 | 20.55          | 20.63 | 2.63               |
| 7/8"   | 22.22 | 22.14          | 22.20 | 3.05               |
| 15/16" | 23.81 | 23.73          | 23.81 | 3.50               |
| 1"     | 25.40 | 25.32          | 25.37 | 3.98               |
| 1 1/8" | 28.57 | 28.49          | 28.57 | 5.03               |
| 1 1/4" | 31.75 | 31.65          | 31.72 | 6.22               |
| 1 3/8" | 34.92 | 34.82          | 34.92 | 7.52               |
| 1 1/2" | 38.10 | 38.00          | 38.07 | 8.95               |
| 1 5/8" | 41.27 | 41.17          | 41.27 | 10.51              |
| 1 3/4" | 44.45 | 44.35          | 44.42 | 12.19              |
| 1 7/8" | 47.62 | 47.52          | 47.62 | 13.99              |
| 2"     | 50.80 | 50.68          | 50.77 | 15.92              |
| 2 1/8" | 53.97 | 53.85          | 53.97 | 17.97              |
| 2 1/4" | 57.15 | 57.03          | 57.12 | 20.14              |

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|---------|--------|----------------|--------|--------------------|
| Inch    | mm     | min            | max    |                    |
| 2 1/2"  | 63.50  | 63.38          | 63.47  | 24.87              |
| 2 5/8"  | 66.67  | 66.55          | 66.67  | 27.42              |
| 2 3/4"  | 69.85  | 69.73          | 69.85  | 30.09              |
| *2 7/8" | 73.02  | 72.90          | 73.13  | 32.89              |
| 3"      | 76.20  | 76.08          | 76.17  | 35.81              |
| 3 1/4"  | 82.55  | 82.41          | 82.55  | 42.03              |
| 3 1/2"  | 88.90  | 88.76          | 88.90  | 48.75              |
| 4"      | 101.60 | 101.46         | 101.60 | 63.67              |
| 4 1/4"  | 107.95 | 107.81         | 107.95 | 71.88              |
| *4 1/2" | 114.30 | 114.16         | 114.46 | 80.58              |
| 4 3/4"  | 120.65 | 120.51         | 120.65 | 89.78              |
| *5"     | 127.00 | 126.86         | 127.16 | 99.48              |
| * 6"    | 152.40 | 152.26         | 152.45 | 143.25             |

**Remarks:**

1. This table is based on TIS 864-2532
2. \*refers to customer's usage and applications.

Round Bar Weight Calculation = Dia (mm.) x Dia (mm.) x Length (mm.)/162131

Hexagonal Bar Weight Calculation = Dia (mm.) x Dia (mm.) x Length (m.)/0.006755