

ROUND BARS -- SQUARE BARS

DIMENSION AND PROPERTIES
AS PER ISI SPECIFICATION IS: 2062-1999

ROUND BARS

| Diametre | Weight / Metre | Sectional Area | Permetre |
|----------|-------------------|-------------------|----------|
| (d) | (w) | (a) | (p) |
| 8.0 | 0.39 | 0.50 | 2.51 |
| 9.0 | 0.5 | 0.64 | 2.83 |
| 10.0 | 0.62 | 0.79 | 3.14 |
| 11.0 | 0.75 | 0.95 | 3.46 |
| 12.0 | 0.89 | 1.13 | 3.77 |
| 14.0 | 1.21 | 1.54 | 4.40 |
| 16.0 | 1.58 | 2.01 | 5.03 |
| 18.0 | 2.00 | 2.54 | 5.65 |
| 20.0 | 2.47 | 3.14 | 6.28 |
| 22.0 | 2.98 | 3.80 | 6.91 |
| 25.0 | 3.85 | 4.91 | 7.85 |
| 28.0 | 4.83 | 6.16 | 8.80 |
| 32.0 | 6.31 | 8.04 | 10.05 |
| 36.0 | 7.99 | 10.18 | 11.31 |
| 40.0 | 9.86 | 12.57 | 12.57 |
| 45.0 | 12.49 | 15.90 | 14.14 |
| 50.0 | 15.41 | 19.64 | 15.71 |
| 56.0 | 19.34 | 24.63 | 17.59 |
| 63.0 | 24.47 | 31.17 | 19.79 |
| 71.0 | 31.08 | 39.59 | 22.31 |
| 80.0 | 39.46 | 50.27 | 25.13 |
| 90.0 | 49.94 | 63.62 | 28.27 |
| 100.0 | 61.66 | 78.54 | 31.42 |
| 110.0 | 74.6 | 95.03 | 34.56 |
| 125.0 | 96.34 | 112.72 | 39.27 |
| 140.0 | 120.84 | 153.94 | 43.98 |
| 160.0 | 157.84 | 201.06 | 50.27 |
| 180.0 | 199.76 | 254.47 | 56.55 |
| 200.0 | 246.62 | 314.16 | 62.83 |

SQUARE BARS

| Width Across Flat | Weight / Metre | Sectional Area | Permetre |
|----------------------|-------------------|-------------------|----------|
| (f) | (w) | (a) | (p) |
| 8.0 | 0.5 | 0.64 | 3.20 |
| 9.0 | 0.64 | 0.81 | 3.60 |
| 10.0 | 0.78 | 1.00 | 4.00 |
| 11.0 | 0.95 | 1.21 | 4.40 |
| 12.0 | 1.13 | 1.44 | 4.80 |
| 14.0 | 1.54 | 1.96 | 5.60 |
| 16.0 | 2.01 | 2.56 | 6.40 |
| 18.0 | 2.54 | 3.24 | 7.20 |
| 20.0 | 3.14 | 4.00 | 8.00 |
| 22.0 | 3.80 | 4.84 | 8.80 |
| 25.0 | 4.91 | 6.25 | 10.00 |
| 28.0 | 6.15 | 7.84 | 11.20 |
| 32.0 | 8.04 | 10.24 | 12.80 |
| 36.0 | 10.17 | 12.96 | 14.40 |
| 40.0 | 12.56 | 16.00 | 16.00 |
| 45.0 | 15.90 | 20.25 | 18.00 |
| 50.0 | 19.62 | 25.00 | 20.00 |
| 56.0 | 24.62 | 31.36 | 22.40 |
| 63.0 | 31.16 | 39.69 | 25.20 |
| 71.0 | 39.57 | 50.41 | 28.40 |
| 80.0 | 50.24 | 64.00 | 32.00 |
| 90.0 | 63.58 | 81.00 | 36.00 |
| 100.0 | 78.50 | 100.00 | 40.00 |
| 110.0 | 94.98 | 121.00 | 44.00 |
| 125.0 | 122.66 | 156.25 | 50.00 |
| 140.0 | 153.86 | 195.00 | 56.00 |
| 160.0 | 200.96 | 256.00 | 64.00 |
| 180.0 | 254.96 | 324.00 | 72.00 |
| 200.0 | 314.00 | 400.00 | 80.00 |

HELPFUL TIP: WEIGHT OF S.S / M.S ROUND BARS

Dia(mm) x Dia(mm) x 0.00623 = Weight/Mtr.

Dia(mm) x Dia(mm) x 0.0019 = Weight/Foot.

HELPFUL TIP: WEIGHT OF S.S / M.S SQUARE BARS

Dia(mm) x Dia(mm) x 0.00788 = Weight/Mtr.

Dia(mm) x Dia(mm) x 0.0024 = Weight/Foot.