



JAIN STEEL TUBE CO.

Sec. Wt. (in kgf/m) of Mild Steel Flat

| Thickness | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.00 | 12.0 | 16.0 | 18.0 | 20.0 | 25.0 | 32.0 | 40.0 | |
|-----------|-----|-----|-----|-----|-----|-------|------|------|------|------|------|-------|-------|-----|
| Width | | | | | | | | | | | | | | |
| 10 | 0.2 | 0.3 | 0.5 | — | — | — | — | — | — | — | — | — | — | 10 |
| 15 | 0.4 | 0.5 | 0.6 | 0.7 | 0.9 | — | — | — | — | — | — | — | — | 15 |
| 20 | 0.5 | 0.6 | 0.8 | 0.9 | 1.3 | 1.6 | — | — | — | — | — | — | — | 20 |
| 25 | 0.6 | 0.8 | 1.0 | 1.2 | 1.6 | 2.0 | 2.4 | — | — | — | — | — | — | 25 |
| 30 | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 | 2.4 | 2.8 | — | — | — | — | — | — | 30 |
| 35 | 0.8 | 1.1 | 1.4 | 1.6 | 2.2 | 2.8 | 3.3 | 4.4 | 5.0 | 5.5 | — | — | — | 35 |
| 40 | 0.9 | 1.3 | 1.6 | 1.9 | 2.5 | 3.1 | 3.8 | 5.0 | 5.6 | 6.3 | — | — | — | 40 |
| 45 | 1.1 | 1.4 | 1.8 | 2.1 | 2.8 | 3.5 | 4.2 | 5.6 | 6.4 | 7.1 | — | — | — | 45 |
| 50 | 1.2 | 1.6 | 2.0 | 2.4 | 3.1 | 3.9 | 4.7 | 6.3 | 7.1 | 7.8 | 9.8 | — | — | 50 |
| 55 | 1.3 | 1.7 | 2.2 | 2.6 | 3.4 | 4.3 | 5.2 | 6.9 | 7.8 | 8.6 | 10.5 | — | — | 55 |
| 60 | 1.4 | 1.9 | 2.4 | 2.8 | 3.8 | 4.7 | 5.6 | 7.5 | 8.5 | 9.4 | 11.8 | 15.1 | — | 60 |
| 65 | — | — | — | 3.1 | 4.1 | 5.1 | 6.1 | 8.2 | 9.2 | 10.2 | 12.8 | 16.3 | 20.4 | 65 |
| 70 | — | — | — | 3.3 | 4.4 | 5.5 | 6.6 | 8.8 | 9.9 | 11.0 | 13.7 | 17.6 | 22.0 | 70 |
| 75 | — | — | — | 3.5 | 4.7 | 5.9 | 7.1 | 9.4 | 10.6 | 11.8 | 14.7 | 18.8 | 23.6 | 75 |
| 80 | — | — | — | 3.8 | 5.0 | 6.3 | 7.5 | 10.0 | 11.3 | 12.6 | 15.7 | 20.1 | 25.1 | 80 |
| 90 | — | — | — | 4.2 | 5.6 | 7.1 | 8.5 | 11.3 | 12.7 | 14.1 | 17.7 | 22.6 | 28.3 | 90 |
| 100 | — | — | — | 4.7 | 6.3 | 7.8 | 9.4 | 12.6 | 14.1 | 15.7 | 19.6 | 25.1 | 31.4 | 100 |
| 110 | — | — | — | 5.2 | 6.9 | 8.6 | 10.4 | 13.8 | 15.5 | 17.3 | 21.6 | 27.6 | 34.5 | 110 |
| 120 | — | — | — | 5.6 | 7.5 | 9.4 | 11.3 | 15.1 | 17.0 | 18.8 | 23.6 | 30.1 | 37.7 | 120 |
| 130 | — | — | — | — | 8.2 | 10.2 | 12.2 | 16.3 | 18.4 | 20.4 | 25.5 | 32.7 | 40.8 | 130 |
| 140 | — | — | — | — | 8.8 | 11.0 | 13.2 | 17.6 | 19.8 | 22.0 | 27.5 | 35.2 | 44.0 | 140 |
| 150 | — | — | — | — | 9.4 | 11.8 | 14.1 | 18.8 | 21.2 | 23.6 | 29.4 | 37.7 | 47.1 | 150 |
| 200 | — | — | — | — | — | 15.7 | 18.8 | 25.1 | 28.3 | 31.4 | 39.2 | 50.2 | 62.8 | 200 |
| 250 | — | — | — | — | — | 19.6 | 23.6 | 31.4 | 35.3 | 39.2 | 49.1 | 62.8 | 78.5 | 250 |
| 300 | — | — | — | — | — | — | 28.3 | 37.7 | 42.4 | 47.1 | 58.9 | 75.4 | 94.2 | 300 |
| 400 | — | — | — | — | — | — | — | 50.2 | 56.5 | 62.8 | 78.5 | 100.5 | 125.6 | 400 |



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Weight of Equal Angles

| Size in mm | Weight kgf/m. |
|-------------------------|--------------------|
| 20 ' 20 ' 3/4 | 0.9/1.1 |
| 25 ' 25 ' 3/4/5 | 1.1/1.4/1.8 |
| 30 ' 30 ' 3/4/5 | 1.4/1.8/2.2 |
| 40 ' 40 ' 3/4/5/6 | 1.8/2.4/3.0/3.5 |
| 45 ' 45 ' 3/4/5/6 | 2.1/2.7/3.4/4.0 |
| 50 ' 50 ' 3/4/5/6 | 2.3/3.0/3.8/4.5 |
| 60 ' 60 ' 5/6/8/10 | 4.1/4.9/6.4/7.9 |
| 60 ' 60 ' 5/6/8/10 | 4.5/5.4/7.0/8.6 |
| 65 ' 65 ' 5/6/8/10 | 4.9/5.8/7.7/9.4 |
| 70 ' 70 ' 5/6/8/10 | 5.3/6.3/8.3/10.2 |
| 75 ' 75 ' 5/6/8/10 | 5.7/6.8/8.9/11 |
| 80 ' 80 ' 6/8/10/12 | 7.3/9.6/11.8/14 |
| 100 ' 100 ' 6/8/10/12 | 9.2/12.1/14.9/17.7 |
| 130 ' 130 ' 8/10/12/16 | 15.9/19/23.5/30.7 |
| 200 ' 200 ' 12/16/20/25 | 36.9/48.5/60/73.9 |
| T BAR | |
| 50 ' 50 ' 6 | 4.4 |
| 100 ' 100 ' 10 | 14.9 |



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Weights of Beams (ISMB)

| Size in mm | Weight kgf/m | |
|------------|-----------------|------|
| 100-75 | 11.5 | |
| 125-75 | 13 | |
| 150-80 | 14.9 | |
| 175-90 | 19.3 | |
| 200-100 | 25.4 | |
| 225-110 | 31.2 | |
| 250-125 | 37.3 | |
| 300-140 | 44.2 | |
| 350-140 | 52.4 | |
| 400-140 | 61.6 | |
| 500-180 | 86.9 | |
| 550-190 | 103.7 | |
| 600-210 | 122.6 | |
| 200-120 | 30.6 | |
| H. BEAM | 175-175 | 40.2 |
| | 150-100 | 31.5 |
| | 150-100 | 21.1 |
| | 125-125 | 23.8 |
| | 100-100 | 17.2 |

Weight of Sheet & Plate (Specific Gravity 7.85)

| Thickness in mm | kgf/m ² | Thickness in mm | kgf/m ² |
|--------------------|--------------------|--------------------|--------------------|
| 0.40 | 3.14 | 16.00 | 125.60 |
| 0.50 | 3.92 | 18.00 | 141.30 |
| 0.63 | 4.94 | 20.00 | 157.00 |
| 0.80 | 6.28 | 22.00 | 172.70 |
| 1.00 | 7.85 | 24.00 | 188.40 |
| 1.25 | 9.81 | 25.00 | 194.25 |
| 1.60 | 12.56 | 28.00 | 219.80 |
| 2.00 | 15.70 | 32.00 | 251.20 |
| 2.50 | 19.63 | 36.00 | 282.60 |
| 3.20 | 25.12 | 38.00 | 298.30 |
| 4.00 | 31.40 | 40.00 | 314.00 |
| 5.00 | 39.20 | 42.00 | 329.70 |
| 6.00 | 47.10 | 45.00 | 351.25 |
| 7.00 | 55.00 | 48.00 | 376.80 |
| 8.00 | 62.80 | 50.00 | 392.50 |
| 9.00 | 70.65 | 56.00 | 439.60 |
| 10.00 | 78.50 | 63.00 | 494.55 |
| 12.00 | 94.20 | 71.00 | 557.35 |
| 14.00 | 109.90 | 75.00 | 688.75 |
| 15.00 | 117.75 | 80.00 | 628.00 |



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Weight of Channels

| Size in mm | Weight in kgf/m | | |
|------------|-----------------|------|-------|
| | ISJC | ISLC | iSMC |
| 75 x 40 | — | 5.7 | 6.8 |
| 100 x 44 | 5.8 | — | — |
| 100 x 50 | — | 7.9 | 9.2 |
| 125 x 50 | 7.9 | — | — |
| 125 x 65 | — | 10.9 | 12.7 |
| 150 x 55 | 9.9 | — | — |
| 150 x 75 | — | 14.4 | 16.4 |
| 175 x 60 | 11.2 | — | — |
| 175 x 75 | — | 17.6 | 19.2 |
| 200 x 70 | 13.9 | — | — |
| 200 x 75 | — | 20.6 | 22.2 |
| 225 x 80 | — | 24 | 25.9 |
| 250 x 80 | — | 28 | 30.4 |
| 250 x 100 | — | 28 | — |
| 300 x 90 | — | — | 35.09 |
| 300 x 100 | — | 33.1 | — |
| 350 x 100 | — | 38.8 | 42.1 |
| 400 x 100 | — | 45.7 | 49.5 |