

### Chemical Composition

|            |   |             |
|------------|---|-------------|
| Sulphur    | = | 0.050% max. |
| Phosphorus | = | 0.050% max. |

### Mechanical Properties

|   | Grade   | UTS        | YST        | % Elongation (min) |           |
|---|---------|------------|------------|--------------------|-----------|
|   |         | MPa, (min) | MPa, (min) | ≤ 25.4 mm          | > 25.4 mm |
| A | Yst 210 | 330        | 210        | 12                 | 20        |
| B | Yst 240 | 410        | 240        | 10                 | 15        |
| C | Yst 310 | 450        | 310        | 8                  | 10        |

### Dimensional Tolerances

|   |                          |                             |
|---|--------------------------|-----------------------------|
| A | Thickness                | ±10%                        |
| B | Outside Dimension        | ±1% (±0.5 mm min.)          |
| C | Weight                   |                             |
|   | 1. On individual lengths | +10%, -8%                   |
|   | 2. On lots of 10 tonnes  | ±7.5%                       |
| D | Squareness               | 90° ± 2°                    |
| E | Corner Radius            | 3t max.                     |
| F | Length                   | ± 6mm                       |
| G | End Finish               | Plain End - Mill cut finish |

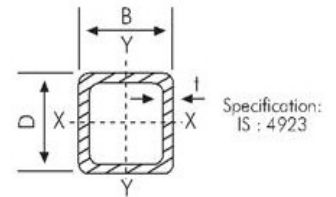


## JAYARAJ PIPE TRADERS

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# Square Hollow Sections



| SHS B X D<br>mm | Thick-<br>ness<br>mm | Sec Area<br>A<br>cm <sup>2</sup> | Unit<br>W<br>kg/m | Moment of Inertia                  |                                    | Radius of Gyration    |                       | Elastic Modulus                    |                                    | Torsional Constants  |                      | Outer<br>Surface               |
|-----------------|----------------------|----------------------------------|-------------------|------------------------------------|------------------------------------|-----------------------|-----------------------|------------------------------------|------------------------------------|----------------------|----------------------|--------------------------------|
|                 |                      |                                  |                   | I <sub>xx</sub><br>cm <sup>4</sup> | I <sub>yy</sub><br>cm <sup>4</sup> | r <sub>xx</sub><br>cm | r <sub>yy</sub><br>cm | Z <sub>xx</sub><br>cm <sup>3</sup> | Z <sub>yy</sub><br>cm <sup>3</sup> | J<br>cm <sup>4</sup> | B<br>cm <sup>3</sup> | Area<br>Per<br>mm <sup>2</sup> |
| 25 x 25         | 2.00                 | 1.74                             | 1.36              | 1.48                               | 1.48                               | 0.92                  | 0.92                  | 1.19                               | 1.19                               | 2.29                 | 1.68                 | 0.090                          |
|                 | 2.60                 | 2.16                             | 1.69              | 1.72                               | 1.72                               | 0.89                  | 0.89                  | 1.38                               | 1.38                               | 2.68                 | 1.92                 | 0.087                          |
|                 | 3.20                 | 2.53                             | 1.98              | 1.89                               | 1.89                               | 0.86                  | 0.86                  | 1.51                               | 1.51                               | 2.96                 | 2.07                 | 0.084                          |
| 32 x 32         | 2.00                 | 2.30                             | 1.80              | 3.36                               | 3.36                               | 1.21                  | 1.21                  | 2.10                               | 2.10                               | 5.30                 | 3.05                 | 0.118                          |
|                 | 2.60                 | 2.88                             | 2.26              | 4.02                               | 4.02                               | 1.18                  | 1.18                  | 2.51                               | 2.51                               | 6.45                 | 3.63                 | 0.115                          |
|                 | 3.20                 | 3.42                             | 2.69              | 4.54                               | 4.54                               | 1.15                  | 1.15                  | 2.84                               | 2.84                               | 7.41                 | 4.07                 | 0.112                          |
| 38 x 38         | 2.60                 | 3.51                             | 2.75              | 7.14                               | 7.14                               | 1.43                  | 1.43                  | 3.76                               | 3.76                               | 11.51                | 5.49                 | 0.139                          |
|                 | 3.20                 | 4.19                             | 3.29              | 8.18                               | 8.18                               | 1.40                  | 1.40                  | 4.30                               | 4.30                               | 13.45                | 6.28                 | 0.136                          |
|                 | 4.00                 | 5.03                             | 3.95              | 9.26                               | 9.26                               | 1.36                  | 1.36                  | 4.87                               | 4.87                               | 15.67                | 7.12                 | 0.131                          |
| 40 x 40         | 2.60                 | 3.72                             | 2.92              | 8.45                               | 8.45                               | 1.51                  | 1.51                  | 4.22                               | 4.22                               | 13.63                | 6.20                 | 0.147                          |
|                 | 3.20                 | 4.45                             | 3.49              | 9.72                               | 9.72                               | 1.48                  | 1.48                  | 4.86                               | 4.86                               | 16.00                | 7.12                 | 0.144                          |
|                 | 4.00                 | 5.35                             | 4.20              | 11.07                              | 11.07                              | 1.44                  | 1.44                  | 5.54                               | 5.54                               | 18.75                | 8.12                 | 0.139                          |
| 50 x 50         | 2.60                 | 4.76                             | 3.74              | 17.47                              | 17.47                              | 1.92                  | 1.92                  | 6.99                               | 6.99                               | 28.53                | 10.37                | 0.187                          |
|                 | 2.90                 | 5.25                             | 4.12              | 18.99                              | 18.99                              | 1.90                  | 1.90                  | 7.60                               | 7.60                               | 31.15                | 11.23                | 0.185                          |
|                 | 3.60                 | 6.35                             | 4.98              | 22.15                              | 22.15                              | 1.87                  | 1.87                  | 8.86                               | 8.86                               | 36.58                | 12.98                | 0.181                          |
|                 | 4.50                 | 7.67                             | 6.02              | 25.50                              | 25.50                              | 1.82                  | 1.82                  | 10.20                              | 10.20                              | 41.99                | 14.68                | 0.177                          |
| 60 x 60         | 2.60                 | 5.80                             | 4.55              | 31.33                              | 31.33                              | 2.33                  | 2.33                  | 10.44                              | 10.44                              | 50.08                | 15.52                | 0.227                          |
|                 | 3.20                 | 7.01                             | 5.50              | 36.94                              | 36.94                              | 2.30                  | 2.30                  | 12.31                              | 12.31                              | 60.02                | 18.31                | 0.224                          |
|                 | 4.00                 | 8.55                             | 6.71              | 43.55                              | 43.55                              | 2.26                  | 2.26                  | 14.52                              | 14.52                              | 72.41                | 21.62                | 0.219                          |
|                 | 4.80                 | 10.01                            | 7.85              | 49.22                              | 49.22                              | 2.22                  | 2.22                  | 16.41                              | 16.41                              | 83.86                | 24.51                | 0.215                          |
| 72 x 72         | 3.20                 | 8.54                             | 6.71              | 66.32                              | 66.32                              | 2.79                  | 2.79                  | 18.42                              | 18.42                              | 106.81               | 27.47                | 0.272                          |
|                 | 4.00                 | 10.47                            | 8.22              | 79.03                              | 79.03                              | 2.75                  | 2.75                  | 21.95                              | 21.95                              | 129.85               | 32.78                | 0.267                          |
|                 | 4.80                 | 12.31                            | 9.66              | 90.31                              | 90.31                              | 2.71                  | 2.71                  | 25.09                              | 25.09                              | 151.55               | 37.55                | 0.263                          |
| 80 x 80         | 3.20                 | 9.57                             | 7.51              | 92.71                              | 92.71                              | 3.11                  | 3.11                  | 23.18                              | 23.18                              | 148.55               | 34.60                | 0.304                          |
|                 | 4.00                 | 11.75                            | 9.22              | 111.04                             | 111.04                             | 3.07                  | 3.07                  | 27.76                              | 27.76                              | 181.22               | 41.49                | 0.299                          |
|                 | 4.80                 | 13.85                            | 10.87             | 127.58                             | 127.58                             | 3.04                  | 3.04                  | 31.89                              | 31.89                              | 212.26               | 47.77                | 0.295                          |
| 91.5 x 91.5     | 3.60                 | 12.32                            | 9.67              | 156.49                             | 156.49                             | 3.56                  | 3.56                  | 34.21                              | 34.21                              | 251.17               | 51.14                | 0.347                          |
|                 | 4.50                 | 15.14                            | 11.88             | 187.57                             | 187.57                             | 3.52                  | 3.52                  | 41.00                              | 41.00                              | 306.78               | 61.40                | 0.343                          |
|                 | 5.40                 | 17.85                            | 14.01             | 215.68                             | 215.68                             | 3.48                  | 3.48                  | 47.14                              | 47.14                              | 359.76               | 70.77                | 0.338                          |
| 100 x 100       | 4.00                 | 14.95                            | 11.73             | 226.35                             | 226.35                             | 3.89                  | 3.89                  | 45.27                              | 45.27                              | 364.75               | 67.50                | 0.379                          |
|                 | 5.00                 | 18.36                            | 14.41             | 271.10                             | 271.10                             | 3.84                  | 3.84                  | 54.22                              | 54.22                              | 441.84               | 80.54                | 0.374                          |
|                 | 6.00                 | 21.63                            | 16.98             | 311.47                             | 311.47                             | 3.79                  | 3.79                  | 62.29                              | 62.29                              | 511.80               | 92.06                | 0.369                          |
| 113.5 x 113.5   | 4.80                 | 20.28                            | 15.92             | 393.30                             | 393.30                             | 4.40                  | 4.40                  | 69.30                              | 69.30                              | 637.45               | 103.89               | 0.429                          |
|                 | 5.40                 | 22.60                            | 17.74             | 432.58                             | 432.58                             | 4.38                  | 4.38                  | 76.23                              | 76.23                              | 708.69               | 114.41               | 0.426                          |
| 132 x 132       | 4.80                 | 23.83                            | 18.71             | 634.39                             | 634.39                             | 5.16                  | 5.16                  | 96.12                              | 96.12                              | 1018.30              | 144.11               | 0.503                          |
|                 | 5.40                 | 26.60                            | 20.88             | 700.11                             | 700.11                             | 5.13                  | 5.13                  | 106.08                             | 106.08                             | 1134.24              | 159.18               | 0.500                          |
| 150 x 150       | 4.00                 | 22.95                            | 18.01             | 807.82                             | 807.82                             | 5.93                  | 5.93                  | 107.71                             | 107.71                             | 1273.46              | 161.38               | 0.579                          |
|                 | 5.00                 | 28.36                            | 22.26             | 982.12                             | 982.12                             | 5.89                  | 5.89                  | 130.95                             | 130.95                             | 1569.09              | 196.38               | 0.574                          |
|                 | 6.00                 | 33.63                            | 26.40             | 1145.91                            | 1145.91                            | 5.84                  | 5.84                  | 152.79                             | 152.79                             | 1856.18              | 229.44               | 0.569                          |
|                 | 8.00                 | 43.79                            | 34.38             | 1443.00                            | 1443.00                            | 5.74                  | 5.74                  | 192.40                             | 192.40                             | 2405.78              | 290.12               | 0.559                          |
| 180 x 180       | 4.00                 | 27.75                            | 21.78             | 1421.74                            | 1421.74                            | 7.16                  | 7.16                  | 157.97                             | 157.97                             | 2224.31              | 236.76               | 0.699                          |
|                 | 5.00                 | 34.36                            | 26.97             | 1736.87                            | 1736.87                            | 7.11                  | 7.11                  | 192.99                             | 192.99                             | 2747.93              | 289.40               | 0.694                          |
|                 | 6.00                 | 40.83                            | 32.05             | 2036.52                            | 2036.52                            | 7.06                  | 7.06                  | 226.28                             | 226.28                             | 3259.23              | 339.65               | 0.689                          |
|                 | 8.00                 | 53.39                            | 41.91             | 2590.73                            | 2590.73                            | 6.97                  | 6.97                  | 287.86                             | 287.86                             | 4246.16              | 433.32               | 0.679                          |
| 220 x 220       | 6.00                 | 50.43                            | 39.59             | 3813.36                            | 3813.36                            | 8.70                  | 8.70                  | 346.67                             | 346.67                             | 6034.53              | 520.18               | 0.849                          |
|                 | 8.00                 | 66.19                            | 51.96             | 4894.99                            | 4894.99                            | 8.60                  | 8.60                  | 445.00                             | 445.00                             | 7897.48              | 668.99               | 0.839                          |
|                 | 10.00                | 81.43                            | 63.92             | 5887.19                            | 5887.19                            | 8.50                  | 8.50                  | 535.20                             | 535.20                             | 9549.15              | 796.48               | 0.829                          |
| 250 x 250       | 6.00                 | 57.63                            | 45.24             | 5672.00                            | 5672.00                            | 9.92                  | 9.92                  | 453.76                             | 453.96                             | 8920.44              | 680.77               | 0.969                          |
|                 | 8.00                 | 75.79                            | 59.50             | 7315.65                            | 7315.65                            | 9.82                  | 9.82                  | 585.25                             | 585.25                             | 11702.07             | 879.31               | 0.959                          |
|                 | 10.00                | 93.43                            | 73.34             | 8842.29                            | 8842.29                            | 9.73                  | 9.73                  | 707.38                             | 707.38                             | 14248.15             | 1054.68              | 0.949                          |

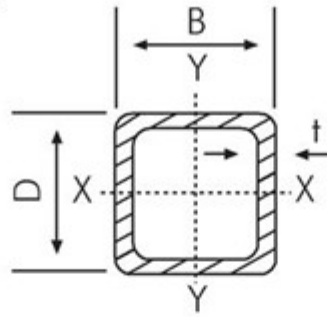


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# Product Range



Specification:  
IS : 4923

## Product Range: Square Hollow Sections (SHS)

|              |       | Thickness (mm) = t |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|--------------|-------|--------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|              |       | B                  | D | 2.0 | 2.6 | 2.9 | 3.2 | 3.6 | 4.0 | 4.5 | 4.8 | 5.0 | 5.4 | 6.0 | 8.0 | 10.0 |
| Section Size | 25    | 25                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 32    | 32                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 38    | 38                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 40    | 40                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 50    | 50                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 60    | 60                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 72    | 72                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 80    | 80                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 91.5  | 91.5               |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 100   | 100                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 113.5 | 113.5              |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 132   | 132                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 150   | 150                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 180   | 180                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 220   | 220                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 250   | 250                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |

- Indicates presently rolled section.
- Under development, please confirm availability before adoption in design.

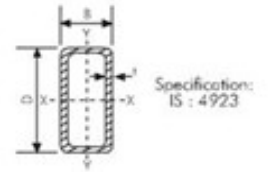


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# Rectangular Hollow Sections



| RHS D X B mm | Thick-ness mm | Sec Area A cm <sup>2</sup> | Unit W kg/m | Moment of Inertia               |                                 | Radius of Gyration |                    | Elastic Modulus                 |                                 | Torsional Constants |                   | Outer Surface            |
|--------------|---------------|----------------------------|-------------|---------------------------------|---------------------------------|--------------------|--------------------|---------------------------------|---------------------------------|---------------------|-------------------|--------------------------|
|              |               |                            |             | I <sub>xx</sub> cm <sup>4</sup> | I <sub>yy</sub> cm <sup>4</sup> | r <sub>xx</sub> cm | r <sub>yy</sub> cm | Z <sub>xx</sub> cm <sup>3</sup> | Z <sub>yy</sub> cm <sup>3</sup> | J cm <sup>4</sup>   | B cm <sup>3</sup> | Area Per mm <sup>2</sup> |
| 50 x 25      | 2.00          | 2.74                       | 2.15        | 8.38                            | 2.81                            | 1.75               | 1.01               | 3.35                            | 2.25                            | 6.79                | 3.79              | 0.142                    |
|              | 2.60          | 3.46                       | 2.71        | 10.16                           | 3.36                            | 1.71               | 0.99               | 4.06                            | 2.69                            | 8.27                | 4.53              | 0.137                    |
|              | 3.20          | 4.13                       | 3.24        | 11.63                           | 3.80                            | 1.68               | 0.96               | 4.65                            | 3.04                            | 9.52                | 5.12              | 0.134                    |
|              | 4.00          | 4.95                       | 3.88        | 13.13                           | 4.23                            | 1.63               | 0.92               | 5.25                            | 3.38                            | 10.86               | 5.69              | 0.129                    |
| 60 x 40      | 2.60          | 4.76                       | 3.73        | 22.76                           | 12.09                           | 2.19               | 1.59               | 7.59                            | 6.05                            | 25.59               | 9.83              | 0.187                    |
|              | 2.90          | 5.25                       | 4.12        | 24.74                           | 13.11                           | 2.17               | 1.58               | 8.25                            | 6.56                            | 28.02               | 10.66             | 0.185                    |
|              | 3.60          | 6.35                       | 4.98        | 28.90                           | 15.23                           | 2.13               | 1.55               | 9.63                            | 7.62                            | 33.30               | 12.41             | 0.181                    |
|              | 4.50          | 7.67                       | 6.02        | 33.31                           | 17.44                           | 2.08               | 1.51               | 11.10                           | 8.72                            | 39.34               | 14.29             | 0.177                    |
| 66 x 33      | 2.60          | 4.70                       | 3.69        | 25.15                           | 8.43                            | 2.31               | 1.34               | 7.62                            | 5.11                            | 20.75               | 8.71              | 0.185                    |
|              | 2.90          | 5.19                       | 4.07        | 27.33                           | 9.12                            | 2.29               | 1.33               | 8.28                            | 5.53                            | 22.65               | 9.43              | 0.183                    |
|              | 3.60          | 6.28                       | 4.93        | 31.87                           | 10.52                           | 2.25               | 1.29               | 9.66                            | 6.37                            | 26.71               | 10.90             | 0.179                    |
|              | 4.50          | 7.58                       | 5.95        | 36.64                           | 11.93                           | 2.20               | 1.25               | 11.10                           | 7.23                            | 31.21               | 12.43             | 0.175                    |
| 80 x 40      | 2.60          | 5.80                       | 4.55        | 46.58                           | 15.74                           | 2.84               | 1.65               | 11.65                           | 7.87                            | 38.50               | 13.46             | 0.227                    |
|              | 3.20          | 7.01                       | 5.50        | 54.94                           | 18.41                           | 2.80               | 1.62               | 13.74                           | 9.21                            | 45.83               | 15.78             | 0.224                    |
|              | 4.00          | 8.55                       | 6.71        | 64.79                           | 21.49                           | 2.75               | 1.59               | 16.20                           | 10.74                           | 54.77               | 18.49             | 0.219                    |
|              | 4.80          | 10.01                      | 7.85        | 73.22                           | 24.03                           | 2.71               | 1.55               | 18.30                           | 12.02                           | 62.81               | 20.79             | 0.215                    |
| 96 x 48      | 3.20          | 8.54                       | 6.71        | 98.61                           | 33.28                           | 3.40               | 1.97               | 20.54                           | 13.87                           | 82.13               | 23.82             | 0.272                    |
|              | 4.00          | 10.47                      | 8.22        | 117.54                          | 39.32                           | 3.35               | 1.94               | 24.49                           | 16.38                           | 99.11               | 28.24             | 0.267                    |
|              | 4.80          | 12.31                      | 9.66        | 134.35                          | 44.55                           | 3.30               | 1.90               | 27.99                           | 18.56                           | 114.80              | 32.14             | 0.263                    |
| 122 x 61     | 3.60          | 12.32                      | 9.67        | 232.61                          | 78.83                           | 4.34               | 2.53               | 38.13                           | 25.84                           | 193.91              | 44.50             | 0.347                    |
|              | 4.50          | 15.14                      | 11.88       | 278.94                          | 93.78                           | 4.29               | 2.49               | 45.73                           | 30.75                           | 235.39              | 53.13             | 0.343                    |
|              | 5.40          | 17.85                      | 14.01       | 320.83                          | 107.03                          | 4.24               | 2.45               | 52.60                           | 35.09                           | 274.29              | 60.89             | 0.338                    |
| 145 x 82     | 4.80          | 20.28                      | 15.92       | 555.16                          | 228.50                          | 5.23               | 3.36               | 76.57                           | 55.73                           | 534.27              | 94.45             | 0.429                    |
|              | 5.40          | 22.60                      | 17.74       | 610.85                          | 250.59                          | 5.20               | 3.33               | 84.26                           | 61.12                           | 592.70              | 103.81            | 0.426                    |
| 172 x 92     | 4.80          | 23.83                      | 18.71       | 917.13                          | 346.91                          | 6.20               | 3.82               | 106.64                          | 75.41                           | 826.04              | 128.85            | 0.503                    |
|              | 5.40          | 26.59                      | 20.88       | 1012.47                         | 381.74                          | 6.17               | 3.79               | 117.73                          | 82.99                           | 918.10              | 142.04            | 0.500                    |
| 200 x 100    | 4.00          | 22.95                      | 18.01       | 1199.71                         | 410.78                          | 7.23               | 4.23               | 119.97                          | 82.16                           | 991.47              | 141.46            | 0.579                    |
|              | 5.00          | 28.36                      | 22.26       | 1459.25                         | 496.94                          | 7.17               | 4.19               | 145.93                          | 99.39                           | 1216.96             | 171.53            | 0.574                    |
|              | 6.00          | 33.63                      | 26.40       | 1703.31                         | 576.91                          | 7.12               | 4.14               | 170.33                          | 115.38                          | 1434.03             | 199.68            | 0.569                    |
|              | 8.00          | 43.79                      | 34.38       | 2146.21                         | 719.19                          | 7.00               | 4.05               | 214.62                          | 143.84                          | 1843.86             | 250.68            | 0.559                    |
| 220 x 140    | 4.00          | 27.75                      | 21.78       | 1892.62                         | 947.66                          | 8.26               | 5.84               | 172.06                          | 135.38                          | 2004.80             | 223.74            | 0.699                    |
|              | 5.00          | 34.36                      | 26.97       | 2313.45                         | 1155.23                         | 8.21               | 5.80               | 210.31                          | 165.04                          | 2468.51             | 272.71            | 0.694                    |
|              | 6.00          | 40.83                      | 32.05       | 2714.10                         | 1351.70                         | 8.15               | 5.75               | 246.74                          | 193.10                          | 2914.71             | 318.93            | 0.689                    |
|              | 8.00          | 53.39                      | 41.91       | 3456.31                         | 1712.25                         | 8.05               | 5.66               | 314.21                          | 244.61                          | 3270.10             | 378.40            | 0.679                    |
| 240 x 120    | 4.00          | 27.75                      | 21.78       | 2110.72                         | 725.35                          | 8.72               | 5.11               | 175.89                          | 120.89                          | 1736.39             | 208.03            | 0.699                    |
|              | 5.00          | 34.36                      | 26.97       | 2579.67                         | 882.47                          | 8.67               | 5.07               | 214.97                          | 147.08                          | 2138.48             | 253.55            | 0.694                    |
|              | 6.00          | 40.83                      | 32.05       | 3025.91                         | 1030.45                         | 8.61               | 5.02               | 252.16                          | 171.74                          | 2528.39             | 296.7             | 0.689                    |
|              | 8.00          | 53.39                      | 41.91       | 3851.84                         | 1299.95                         | 8.49               | 4.93               | 320.99                          | 216.66                          | 3272.9              | 376.29            | 0.679                    |
| 260x 180     | 6.00          | 50.43                      | 39.59       | 4855.87                         | 2763.43                         | 9.81               | 7.40               | 373.53                          | 307.05                          | 5619.50             | 501.06            | 0.849                    |
|              | 8.00          | 66.19                      | 51.96       | 6238.69                         | 3538.10                         | 9.71               | 7.31               | 479.90                          | 393.12                          | 6821.23             | 620.13            | 0.839                    |
|              | 10.00         | 81.43                      | 63.92       | 7509.51                         | 4244.26                         | 9.60               | 7.22               | 577.65                          | 471.58                          | 8972.14             | 760.42            | 0.834                    |
| 300x 150     | 6.00          | 51.63                      | 40.53       | 6073.51                         | 2079.57                         | 10.85              | 6.35               | 404.90                          | 277.28                          | 5034.64             | 478.20            | 0.869                    |
|              | 8.00          | 67.79                      | 53.22       | 7808.95                         | 2654.12                         | 10.73              | 6.26               | 520.53                          | 353.88                          | 6559.05             | 612.64            | 0.859                    |
|              | 10.00         | 83.43                      | 65.49       | 9403.90                         | 3173.71                         | 10.62              | 6.17               | 626.93                          | 423.16                          | 8011.67             | 736.01            | 0.848                    |
| 300x 200     | 6.00          | 57.65                      | 45.24       | 7370.23                         | 3962.19                         | 11.31              | 8.29               | 491.34                          | 396.22                          | 8186.02             | 650.85            | 0.969                    |
|              | 8.00          | 75.79                      | 59.50       | 9513.66                         | 5097.04                         | 11.20              | 8.20               | 634.24                          | 509.70                          | 10722.83            | 839.54            | 0.959                    |
|              | 10.00         | 93.43                      | 73.34       | 11507.24                        | 6144.30                         | 11.10              | 8.11               | 767.15                          | 614.43                          | 13169.70            | 1015.43           | 0.948                    |

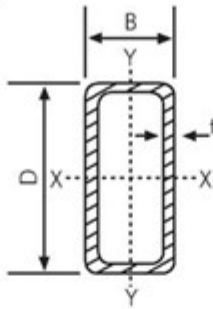


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# Product Range



Specification:  
IS : 4923

## Product Range: Rectangular Hollow Sections (RHS)

|              |     | Thickness (mm) = t |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|--------------|-----|--------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|              |     | D                  | B | 2.0 | 2.6 | 2.9 | 3.2 | 3.6 | 4.0 | 4.5 | 4.8 | 5.0 | 5.4 | 6.0 | 8.0 | 10.0 |
| Section Size | 50  | 25                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 60  | 40                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 66  | 33                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 80  | 40                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 96  | 48                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 122 | 61                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 145 | 82                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 172 | 92                 |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 200 | 100                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 220 | 140                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 240 | 120                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 260 | 180                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 300 | 150                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |
|              | 300 | 200                |   |     |     |     |     |     |     |     |     |     |     |     |     |      |



Indicates presently rolled section.



Under development, please confirm availability before adoption in design.

**Note:** Information provided in this catalogue is as per currently applicable specifications but since they are subject to changes, please refer relevant specification to know the current status.



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