

# M K K METAL SECTIONS PRIVATE LIMITED

TECHNICAL DATA FOR STEEL TUBES FOR IDLERS FOR BELT CONVEYORS,  
CONFIRMING TO IS:9295 - 1983



IS:9295

| OUTSIDE DIAMETER |       |        | WALL THICKNESS |     | NOMINAL MASS OF STEEL TUBES |             |         |          |
|------------------|-------|--------|----------------|-----|-----------------------------|-------------|---------|----------|
| Max              | Mean  | Min    | MM             | SWG | PLAIN END                   |             |         |          |
|                  |       |        |                |     | KG/MTR                      | Mtrs/ Tonne | Kgs/20' | Pcs / MT |
| 64.01            | 63.5  | 62.99  | 3.65           | 9   | 5.39                        | 186         | 32.86   | 30       |
|                  |       |        | 4.50           | 7   | 6.55                        | 153         | 39.93   | 25       |
| 76.71            | 76.1  | 75.49  | 3.65           | 9   | 6.52                        | 153         | 39.75   | 25       |
|                  |       |        | 4.50           | 7   | 7.95                        | 126         | 48.46   | 21       |
| 89.21            | 88.9  | 88.19  | 5.00           | 6   | 8.77                        | 114         | 53.46   | 19       |
|                  |       |        | 4.05           | 8   | 8.47                        | 118         | 51.63   | 19       |
| 102.41           | 101.6 | 100.79 | 4.85           | 6   | 10.05                       | 100         | 61.26   | 16       |
|                  |       |        | 6.30           | 3   | 12.83                       | 78          | 78.21   | 13       |
| 115.21           | 114.3 | 113.39 | 4.05           | 8   | 9.74                        | 103         | 59.38   | 17       |
|                  |       |        | 4.85           | 6   | 11.57                       | 86          | 70.53   | 14       |
| 128.02           | 127.0 | 125.98 | 6.30           | 3   | 14.81                       | 68          | 90.28   | 11       |
|                  |       |        | 4.50           | 7   | 12.19                       | 82          | 74.31   | 13       |
| 140.82           | 139.7 | 138.58 | 5.40           | 5   | 14.50                       | 69          | 88.39   | 11       |
|                  |       |        | 6.30           | 3   | 16.78                       | 60          | 102.29  | 10       |
| 153.62           | 152.4 | 151.18 | 4.50           | 7   | 13.60                       | 74          | 82.91   | 12       |
|                  |       |        | 4.85           | 6   | 14.61                       | 68          | 89.06   | 11       |
| 160.27           | 159.0 | 157.73 | 5.40           | 5   | 16.10                       | 62          | 98.15   | 10       |
|                  |       |        | 6.30           | 3   | 18.75                       | 53          | 114.30  | 9        |
| 166.42           | 165.1 | 163.78 | 4.50           | 7   | 15.00                       | 67          | 91.44   | 11       |
|                  |       |        | 4.85           | 6   | 16.13                       | 62          | 98.33   | 10       |
| 169.65           | 168.3 | 166.95 | 5.40           | 5   | 17.89                       | 56          | 109.06  | 9        |
|                  |       |        | 6.30           | 3   | 20.73                       | 48          | 126.37  | 8        |
| 195.25           | 193.7 | 192.15 | 4.50           | 7   | 16.40                       | 61          | 99.97   | 10       |
|                  |       |        | 4.85           | 6   | 17.65                       | 57          | 107.59  | 9        |
| 220.85           | 219.1 | 217.35 | 5.40           | 5   | 19.58                       | 51          | 119.36  | 8        |
|                  |       |        | 6.30           | 3   | 22.70                       | 44          | 138.38  | 7        |
|                  |       |        | 4.50           | 7   | 17.10                       | 58          | 104.24  | 10       |
|                  |       |        | 4.85           | 6   | 18.44                       | 54          | 112.41  | 9        |
|                  |       |        | 5.40           | 5   | 20.46                       | 49          | 124.72  | 8        |
|                  |       |        | 6.30           | 3   | 23.72                       | 42          | 144.60  | 7        |
|                  |       |        | 4.50           | 7   | 17.80                       | 56          | 108.51  | 9        |
|                  |       |        | 4.85           | 6   | 19.17                       | 52          | 116.86  | 9        |
|                  |       |        | 5.40           | 5   | 21.27                       | 47          | 129.66  | 8        |
|                  |       |        | 6.30           | 3   | 24.67                       | 41          | 150.39  | 7        |
|                  |       |        | 4.50           | 7   | 18.20                       | 55          | 110.95  | 9        |
|                  |       |        | 4.85           | 6   | 19.55                       | 51          | 119.18  | 8        |
|                  |       |        | 5.40           | 5   | 21.69                       | 46          | 132.22  | 8        |
|                  |       |        | 6.30           | 3   | 25.17                       | 40          | 153.44  | 7        |
|                  |       |        | 5.00           | 6   | 23.30                       | 43          | 142.04  | 7        |
|                  |       |        | 5.40           | 5   | 25.10                       | 40          | 153.01  | 7        |
|                  |       |        | 6.30           | 3   | 29.12                       | 34          | 177.52  | 6        |
|                  |       |        | 7.10           | 2   | 32.67                       | 31          | 199.16  | 5        |
|                  |       |        | 5.40           | 5   | 28.50                       | 35          | 173.74  | 6        |
|                  |       |        | 6.30           | 3   | 33.06                       | 30          | 201.53  | 5        |
|                  |       |        | 7.10           | 2   | 37.12                       | 27          | 226.28  | 4        |

Manufacturing Tolerance shall be permitted on Thickness +/- 10 percent

Ovality Below 168.3 mm is 0.5 mm

Ovality including 168.3 mm and above is 1.0 mm