

GOST 8731-74 / GOST 8732-78

HOT-ROLLED SEAMLESS STEEL PIPES

Application: for constructing pipelines, producing car elements and mechanisms, structure details, columns, long-well beams, fundamental piles, anti-landslip bearings, in road building, etc.

Dimensions and weight

| Outside diameter, mm | Weight per length unit, kg/m, wall thickness, mm | | | | | | | | | | | | |
|----------------------|--|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2.5 | 3.0 | 3.2 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 |
| 32.0 | | 2.15 | 2.27 | 2.46 | 2.76 | | | | | | | | |
| 33.7 | | 2.27 | 2.41 | 2.61 | 2.93 | | | | | | | | |
| 38.0 | | 2.59 | 2.75 | 2.98 | 3.35 | | | | | | | | |
| 42.0 | | 2.89 | 3.06 | 3.32 | 3.75 | 4.16 | | | | | | | |
| 42.4 | | 2.91 | 3.09 | 3.36 | 3.79 | 4.21 | | | | | | | |
| 45.0 | | 3.11 | 3.30 | 3.58 | 4.04 | 4.49 | | | | | | | |
| 48.3 | | 3.35 | 3.56 | 3.87 | 4.37 | 4.86 | | | | | | | |
| 50.0 | | 3.48 | 3.69 | 4.01 | 4.54 | 5.05 | 5.55 | 6.04 | | | | | |
| 51.0 | 2.99 | 3.55 | 3.77 | 4.10 | 4.64 | 5.16 | 5.67 | 6.17 | | | | | |
| 57.0 | 3.36 | 4.00 | 4.25 | 4.62 | 5.23 | 5.83 | 6.41 | 6.99 | 7.55 | 8.10 | 8.63 | | |
| 60.0 | | | | 4.88 | 5.52 | 6.16 | 6.78 | 7.39 | 7.99 | 8.58 | | | |
| 60.3 | | | | 4.90 | 5.55 | 6.19 | 6.82 | 7.43 | 8.03 | | | | |
| 63.5 | | | | 5.18 | 5.87 | 6.55 | 7.21 | 7.87 | 8.51 | | | | |
| 70.0 | | | | 5.74 | 6.51 | 7.27 | 8.01 | 8.75 | 9.47 | | | | |
| 73.0 | | | | 6.00 | 6.81 | 7.60 | 8.38 | 9.16 | 9.91 | 10.66 | 11.39 | 12.11 | 12.82 |
| 76.0 | | | | 6.26 | 7.10 | 7.93 | 8.75 | 9.56 | 10.36 | 11.14 | 11.91 | 12.67 | 13.42 |
| 83.0 | | | | 6.86 | 7.79 | 8.71 | 9.62 | 10.51 | 11.39 | 12.26 | 13.12 | 13.96 | 14.80 |
| 89.0 | | | | 7.38 | 8.38 | 9.38 | 10.36 | 11.33 | 12.28 | 13.22 | 14.16 | 15.07 | 15.98 |
| 95.0 | | | | | 8.98 | 10.04 | 11.10 | 12.14 | 13.17 | 14.19 | 15.19 | 16.18 | 17.16 |
| 102.0 | | | | | 9.67 | 10.82 | 11.96 | 13.09 | 14.21 | 15.31 | 16.40 | 17.48 | 18.55 |
| 108.0 | | | | | 10.26 | 11.49 | 12.70 | 13.90 | 15.09 | 16.27 | 17.44 | 18.59 | 19.73 |
| 114.0 | | | | | 10.85 | 12.15 | 13.44 | 14.72 | 15.98 | 17.23 | 18.47 | 19.70 | 20.91 |
| 121.0 | | | | | | | 14.30 | 15.67 | 17.02 | 18.35 | 19.68 | 20.99 | 22.29 |
| 127.0 | | | | | | | 15.04 | 16.48 | 17.90 | 19.32 | 20.72 | 22.10 | 23.48 |
| 133.0 | | | | | | | 15.78 | 17.29 | 18.79 | 20.28 | 21.75 | 23.21 | 24.66 |
| 140.0 | | | | | | | 16.65 | 18.24 | 19.83 | 21.40 | 22.96 | 24.51 | 26.04 |
| 146.0 | | | | | | | 17.39 | 19.06 | 20.72 | 22.36 | 24.00 | 25.62 | 27.23 |
| 152.0 | | | | | | | 18.13 | 19.87 | 21.60 | 23.32 | 25.03 | 26.73 | 28.41 |
| 159.0 | | | | | | | 18.99 | | 22.64 | 24.45 | 26.24 | 28.02 | 29.79 |
| 168.0 | | | | | | | | | 23.97 | 25.89 | 27.79 | 29.69 | 31.57 |
| 178.0 | | | | | | | | | 25.45 | 27.81 | 29.52 | 31.54 | 33.54 |
| 180.0 | | | | | | | | | 25.75 | 30.06 | 29.87 | 31.91 | 33.93 |
| 194.0 | | | | | | | | | 27.82 | 31.50 | 32.28 | 34.50 | 36.70 |
| 203.0 | | | | | | | | | 29.15 | 34.06 | 33.84 | 36.16 | 38.47 |
| 219.0 | | | | | | | | | 31.52 | | 36.60 | 39.12 | 41.63 |
| 245.0 | | | | | | | | | 35.36 | | 41.09 | 43.93 | 46.76 |
| 273.0 | | | | | | | | | 39.51 | | 45.92 | 49.11 | 52.28 |
| 299.0 | | | | | | | | | | | 50.41 | | 57.41 |
| 325.0 | | | | | | | | | | | 54.90 | 58.73 | 62.54 |
| 351.0 | | | | | | | | | | | | | 67.67 |
| 356.0 | | | | | | | | | | | | | 68.66 |
| 377.0 | | | | | | | | | | | | | |
| 406.0 | | | | | | | | | | | | | |
| 426.0 | | | | | | | | | | | | | |

— Production upon agreement with the mill

| Outside diameter, mm | Weight per length unit. kg/m. wall thickness. mm | | | | | | | | | | | | | Steel grades | | | |
|----------------------|--|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|--|--|----------------|
| | 8.5 | 9.0 | 9.5 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | | | | |
| 32.0 | | | | | | | | | | | | | | | | | |
| 33.7 | | | | | | | | | | | | | | | | | |
| 38.0 | | | | | | | | | | | | | | | | | |
| 42.0 | | | | | | | | | | | | | | | | | |
| 42.4 | | | | | | | | | | | | | | | | | |
| 45.0 | | | | | | | | | | | | | | | | | |
| 48.3 | | | | | | | | | | | | | | | | | |
| 50.0 | | | | | | | | | | | | | | | | | |
| 51.0 | | | | | | | | | | | | | | | | | |
| 57.0 | | | | | | | | | | | | | | | | | |
| 60.0 | | | | | | | | | | | | | | | | | 10. 20. 35. |
| 60.3 | | | | | | | | | | | | | | | | | 45. 50. 09Г2С. |
| 63.5 | | | | | | | | | | | | | | | | | 10Г2. 20Х. |
| 70.0 | | | | | | | | | | | | | | | | | 40Х.15ХМ. |
| 73.0 | 13.52 | 14.21 | 14.88 | 15.54 | 16.82 | 18.05 | | 20.37 | 21.46 | 22.49 | | | | | | | 30ХМА. 15Х. |
| 76.0 | 14.15 | 14.87 | 15.58 | 16.28 | 17.63 | 18.94 | 20.20 | 21.41 | 22.57 | 23.68 | | | | | | | 15ХА. 35Х. |
| 83.0 | 15.62 | 16.42 | 17.22 | 18.00 | 19.53 | 21.01 | 22.44 | 23.82 | 25.15 | 26.44 | 27.67 | 28.85 | 29.99 | | | | 20ХМ.20Г. |
| 89.0 | 16.87 | 17.76 | 18.63 | 19.48 | 21.16 | 22.79 | 24.37 | 25.89 | 27.37 | 28.80 | 30.19 | 31.52 | 32.80 | | | | 30Г2. 35Г2. |
| 95.0 | 18.13 | 19.09 | 20.03 | 20.96 | 22.79 | 24.56 | 26.29 | 27.97 | 29.59 | 31.17 | 32.70 | 34.18 | 35.61 | | | | 10ХСНД. 15ГС. |
| 102.0 | 19.60 | 20.64 | 21.67 | 22.69 | 24.69 | 26.63 | 28.53 | 30.38 | 32.18 | 33.93 | 35.64 | 37.29 | 38.89 | | | | 10Г2Б. 38ХА. |
| 108.0 | 20.86 | 21.97 | 23.08 | 24.17 | 26.31 | 28.41 | 30.46 | 32.45 | 34.40 | 36.30 | 38.15 | 39.95 | 41.70 | | | | 45Х. 18ХГ. |
| 114.0 | 22.12 | 23.31 | 24.48 | 25.65 | 27.94 | 30.19 | 32.38 | 34.53 | 36.62 | 38.67 | 40.67 | 42.62 | | | | | 33ХС. 30ХМ. |
| 121.0 | 23.58 | 24.86 | 26.12 | 27.37 | 29.84 | 32.26 | 34.62 | 36.94 | 39.21 | 41.43 | 43.60 | 45.72 | | | | | 15ХФ. 35ХМ. |
| 127.0 | 24.84 | 26.19 | 27.53 | 28.85 | 31.47 | 34.03 | 36.55 | 39.01 | 41.43 | 43.80 | 46.12 | 48.39 | | | | | 40ХФА. 40ХН. |
| 133.0 | 26.10 | 27.52 | 28.93 | 30.33 | 33.10 | 35.81 | 38.47 | 41.09 | 43.65 | 46.17 | 48.63 | 51.05 | 53.42 | | | | 45ХН. 12ХН2. |
| 140.0 | 27.57 | 29.08 | 30.57 | 32.06 | 34.99 | 37.88 | 40.72 | 43.50 | 46.24 | 48.93 | 51.57 | 54.16 | | | | | 12ХН3А. |
| 146.0 | 28.82 | 30.41 | 31.98 | 33.54 | 36.62 | 39.66 | 42.64 | 45.57 | 48.46 | 51.30 | 54.08 | 56.82 | | | | | 20ХН3А. |
| 152.0 | 30.08 | 31.74 | 33.39 | 35.02 | 38.25 | 41.43 | 44.56 | 47.65 | 50.68 | 53.66 | 56.60 | 59.48 | 62.32 | | | | 20Х2Н4А. |
| 159.0 | 31.55 | 33.29 | 35.03 | 36.75 | 40.15 | 43.50 | 46.81 | 50.06 | 53.27 | 56.43 | 59.53 | 62.59 | 65.60 | | | | 30ХН3А. |
| 168.0 | 33.43 | 35.29 | 37.13 | 38.97 | 42.59 | 46.17 | 49.69 | 53.17 | 56.60 | 59.98 | 63.31 | 66.59 | 69.82 | | | | 30ХГСА. |
| 178.0 | 35.53 | 37.51 | 39.48 | 41.43 | 45.30 | 49.13 | 52.90 | 56.62 | 60.30 | 63.92 | 67.50 | 71.03 | 74.50 | | | | 30ХГСН2А. |
| 180.0 | 35.95 | 37.95 | 39.95 | 41.92 | 45.85 | 49.72 | 53.54 | 57.31 | 61.04 | 64.71 | 68.34 | 71.91 | 75.44 | | | | 40ХН2МА. |
| 194.0 | 38.89 | 41.06 | 43.23 | 45.38 | 49.64 | 53.86 | 58.03 | 62.15 | 66.22 | 70.24 | 74.21 | 78.13 | 82.00 | | | | 38Х2Н2МА. |
| 203.0 | 40.77 | 43.06 | 45.33 | 47.60 | 52.09 | 56.52 | 60.91 | 65.25 | 69.55 | 73.79 | 77.98 | 82.12 | 86.22 | | | | 18Х2Н4МА. |
| 219.0 | 44.13 | 46.61 | 49.08 | 51.54 | 56.43 | 61.26 | 66.04 | 70.78 | 75.46 | 80.10 | 84.69 | 89.23 | 93.71 | | | | 38Х2МЮА. |
| 245.0 | 49.58 | 52.38 | 55.17 | 57.95 | 63.48 | 68.95 | 74.38 | 79.76 | 85.08 | 90.36 | 95.59 | 100.77 | 105.90 | | | | |
| 273.0 | 55.45 | 58.60 | 61.73 | 64.86 | 71.07 | 77.24 | 83.36 | 89.42 | 95.44 | 101.41 | 107.33 | 113.20 | 119.02 | | | | |
| 299.0 | 60.90 | 64.37 | 67.83 | 71.27 | 78.13 | 84.93 | 91.69 | 98.40 | 105.06 | 111.67 | 118.23 | 124.74 | 131.20 | | | | |
| 325.0 | 66.35 | 70.14 | 73.92 | 77.68 | 85.18 | 92.63 | 100.03 | 107.38 | 114.68 | 121.93 | 129.13 | 136.28 | 143.38 | | | | |
| 351.0 | 71.80 | 75.91 | 80.01 | 84.10 | 92.23 | 100.32 | 108.36 | 116.35 | 124.29 | 132.19 | 140.03 | 147.82 | 155.56 | | | | |
| 356.0 | | 77.02 | 81.18 | 85.33 | 93.59 | 101.80 | 109.97 | 118.08 | 126.14 | 134.16 | 142.12 | 150.04 | 157.91 | | | | |
| 377.0 | | 81.68 | 86.10 | 90.51 | 99.29 | 108.02 | 116.70 | 125.33 | 133.91 | 142.44 | 150.93 | 159.36 | 167.75 | | | | |
| 406.0 | | 88.12 | 92.89 | 97.66 | 107.15 | 116.60 | 126.00 | 135.34 | 144.64 | 153.89 | 163.09 | 172.24 | 181.34 | | | | |
| 426.0 | | | | 102.59 | 112.58 | 122.52 | 132.41 | 142.25 | 152.04 | 161.78 | 171.47 | 181.11 | 190.71 | | | | |

Dimensions and weight

| Outside diameter, mm | Weight per length unit, kg/m, wallthickness, mm | | | | | | | | | | | | | | | | | | | | Steel grades | | |
|----------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|------|
| | 20,0 | 22,0 | 24,0 | 25,0 | 26,0 | 28,0 | 30,0 | 32,0 | 34,0 | 35,0 | 36,0 | 38,0 | 40,0 | 42,0 | 45,0 | 48,0 | 50,0 | 56,0 | 60,0 | 63,0 | | 70,0 | 75,0 |
| 73.0 | | | | | | | | | | | | | | | | | | | | | | | |
| 76.0 | | | | | | | | | | | | | | | | | | | | | | | |
| 83.0 | | | | | | | | | | | | | | | | | | | | | | | |
| 89.0 | 34.03 | 36.35 | 38.47 | | | | | | | | | | | | | | | | | | | | |
| 95.0 | 36.99 | 39.61 | | | | | | | | | | | | | | | | | | | | | |
| 102.0 | 40.44 | 43.40 | 46.17 | | | | | | | | | | | | | | | | | | | | |
| 108.0 | 43.40 | 46.66 | 49.72 | 51.17 | 52.58 | 55.24 | | | | | | | | | | | | | | | | | |
| 114.0 | 46.36 | 49.91 | 53.27 | 54.87 | 56.43 | 59.38 | | | | | | | | | | | | | | | | | |
| 121.0 | 49.82 | 53.71 | 57.41 | 59.19 | 60.91 | 64.22 | 67.33 | | | | | | | | | | | | | | | | |
| 127.0 | 52.78 | 56.97 | 60.96 | 62.89 | 64.76 | 68.36 | 71.76 | | | | | | | | | | | | | | | | |
| 133.0 | 55.73 | 60.22 | 64.51 | 66.59 | | 72.50 | 76.20 | 79.71 | | | | | | | | | | | | | | | |
| 140.0 | 59.19 | 64.02 | 68.66 | 70.90 | | 77.34 | 81.38 | 85.23 | 88.88 | 90.63 | 92.33 | | | | | | | | | | | | |
| 146.0 | 62.15 | 67.28 | 72.21 | 74.60 | 76.94 | 81.48 | 85.82 | 89.97 | 93.91 | | 97.66 | | | | | | | | | | | | |
| 152.0 | 65.11 | 70.53 | 75.76 | 78.30 | 80.79 | 85.62 | 90.26 | 94.70 | 98.94 | | 102.99 | | | | | | | | | | | | |
| 159.0 | 68.56 | 74.33 | 79.90 | 82.62 | | 90.46 | 95.44 | 100.22 | 104.81 | | 109.20 | | 117.39 | | | | | | | | | | |
| 168.0 | 73.00 | 79.21 | 85.23 | 88.16 | | 96.67 | 102.10 | 107.33 | 112.36 | 114.80 | 117.19 | 121.83 | 126.27 | | 136.50 | | | | | | | | |
| 178.0 | 77.93 | | | | | | | | | | | | | | | | | | | | | | |
| 180.0 | 78.92 | 85.72 | 92.33 | 95.56 | | 104.96 | 110.98 | 116.80 | 122.42 | | 127.85 | 133.07 | | | 149.82 | | | | | | | | |
| 194.0 | 85.82 | 93.32 | 100.62 | 104.19 | 107.72 | 114.63 | 121.33 | 127.85 | 134.16 | 137.24 | 140.27 | 146.19 | 151.91 | 157.44 | 165.36 | | | | | | | | |
| 203.0 | 90.26 | 98.20 | 105.95 | 109.74 | 113.49 | 120.84 | 127.99 | 134.95 | 141.70 | 145.01 | 148.26 | 154.63 | 160.79 | 166.76 | 175.34 | 183.48 | 188.66 | | | | | | |
| 219.0 | 98.15 | 106.88 | 115.42 | 119.61 | 123.75 | 131.89 | 139.83 | 147.57 | 155.12 | 158.82 | 162.47 | 169.62 | 176.58 | | 193.10 | | 208.39 | | 235.27 | | | | |
| 245.0 | 110.98 | 120.99 | 130.80 | 135.64 | 140.42 | 149.84 | 159.07 | 168.09 | 176.92 | 181.26 | 185.55 | 193.99 | 202.22 | 210.26 | 221.95 | 233.20 | 240.45 | 261.02 | 273.74 | | | | |
| 273.0 | 124.79 | 136.18 | 147.38 | 152.90 | 158.38 | 169.18 | 179.78 | 190.19 | 200.40 | 205.43 | 210.41 | 220.23 | 229.85 | 239.27 | 253.03 | 266.34 | 274.98 | 299.69 | 315.17 | 326.27 | | | |
| 299.0 | 137.61 | 150.29 | 162.77 | 168.93 | 175.05 | 187.13 | 199.02 | 210.71 | 222.20 | 227.87 | 233.50 | 244.59 | 255.49 | 266.20 | 281.88 | 297.12 | 307.04 | 335.59 | 353.65 | 366.67 | 395.32 | 414.31 | |
| 325.0 | 150.44 | 164.39 | 178.15 | 184.96 | 191.72 | 205.09 | 218.25 | 231.23 | 244.00 | 250.31 | 256.58 | 268.96 | 281.14 | 293.13 | 310.73 | 327.90 | 339.10 | 371.50 | 392.12 | 407.06 | 440.21 | 462.40 | |
| 351.0 | 163.26 | 178.50 | 193.54 | 200.99 | 208.39 | 223.04 | 237.49 | 251.74 | 265.80 | 272.76 | 279.66 | 293.32 | 306.79 | 320.06 | 339.59 | 358.68 | 371.16 | 407.41 | 430.59 | 447.46 | 485.09 | 510.49 | |
| 356.0 | 165.73 | 181.21 | 196.50 | 204.07 | 211.60 | 226.49 | 241.19 | 255.69 | 269.99 | 277.07 | 284.10 | 298.01 | 311.72 | 325.24 | 345.14 | 364.60 | 377.32 | 414.31 | 437.99 | 455.23 | 493.72 | 519.74 | |
| 377.0 | 176.08 | 192.61 | 208.93 | 217.02 | 225.06 | 240.99 | 256.73 | 272.26 | 287.60 | 295.20 | 302.74 | 317.69 | 332.44 | 346.99 | 368.44 | 389.45 | 403.22 | 443.32 | 469.06 | 487.85 | 529.98 | 558.58 | |
| 406.0 | 190.39 | 208.34 | 226.10 | 234.90 | 243.66 | 261.02 | 278.18 | 295.15 | 311.92 | 320.23 | 328.49 | 344.87 | 361.04 | 377.03 | 400.63 | 423.78 | 438.97 | 483.37 | 511.97 | 532.91 | 580.04 | 612.22 | |
| 426.0 | 200.25 | 219.19 | 237.93 | 247.23 | 256.48 | 274.83 | 292.98 | 310.93 | 328.69 | 337.49 | 346.25 | 363.61 | 380.77 | 397.74 | 422.82 | 447.46 | 463.64 | 510.99 | 541.57 | 563.98 | 614.56 | 649.21 | |

— Production upon agreement with the mill