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**KALPATARU  
PIPING SOLUTIONS**  
AN ISO 9001:2015 / PED C E / API 5L APPROVED CO.



## PIPES & TUBES

### Stainless Steel & Duplex Steel

Stainless Steel : ASTM A 312, 249, 269, 312, 358 - TP 304, 304L, 316L, 316Ti, 309, 310, 317, 317L, 321, 347, 904L, SMO 254

Duplex & : Standard

Super Duplex : ASTM A 789, 790 - UNS S31803, S32205 (2205)

Lean

ASTM A 798, 790 - UNS S32304 (2304)

Super Duplex

ASTM 789, 790, - UNS S32750 (2507)

UNS S32760 (Zeron 100)

### Hi-Nickel & Titanium

#### Hi-Nickel

Nickel : ASTM B 161, 622 - N02200, N02201

Inconel : ASTM B 167, 517, 163 - N06600, N06601, N06617  
ASTM B 444 - N07718, ASTM B 444, 705 - N06625

Incoloy : ASTM B 407, 154, 163, 515 - N08800, N08810  
ASTM B 423 - N08825, ASTM B 729, 464, 468-N08020

Hastelloy : ASTM B 622, 619, 626 - N10276, N06022,  
N10665, N06455

#### Titanium

Commercially : ASTM B 861, 862, 338

Pure : Gr.1 R 56250 (CP4) Gr.2 R 50400 (CP3)  
Gr.3 R 50550 (Cp2) Gr.4 R 50700 (Cp1)  
Gr.7 R 52400 Gr.11 R 52250

Alloys : ASTM B 861, 862, 338  
Gr.5 R 56400 (6Al-4V)  
Gr.23 R 56401 (6Al-4V-ELI)  
Gr.12 R 53400

### Cupro Nickel

ASTM B466, B111 - C70600 (90:10), C71500 (70:30)

### Monel

ASTM B165, B 725, B163 - N04400, N05500

### Alloy Steel, Carbon Steel & LTCS

Alloy Steel Pipes : ASTM A335 GR. P5, P9, P11, P22 & P91

Alloy Steel Tubes : ASTM A 213 - T-11, T-12, T-22  
: T-5, T-9 etc.

Carbon Steel Pipes : ASTM A 106 Gr. B, ASTM A53  
Carbon Steel Tubes : BS 3059 Gr. 360 / 440, SA 179,  
SA / ASTM A210 Gr. A1

Low Temp. (LTCS) : ASTM A 333 Gr. 6

Line Pipe : API 5L, X 42, 46, 52, 56, 60, 70

Mild Steel & Galvanized: IS 1239, IS 3589

### Size

Pipes : 1/4" to 48"

Schedule : Sch. 5 to Sch. XXS

Tubes : 6 mm OD to 219.08 mm OD

Thickness : 0.6mm-10mm-Gauge : SWG/BWG  
to 10 SWG/BWG

Form : Round, Square, Rectangle, Coil, 'U' Shape

Length : Standard Length & Cut Length

### Test Certificate

Manufacturer Test Certification (En 3.1 & 3.2, IBR Test Certificate)

### Specializing in :

Large Diameter CS Pipes & Duplex Steel

Inconel®, Incoloy®, Monel®, Hastelloy®, Duplex®,  
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Web : [www.kalpatarupiping.com](http://www.kalpatarupiping.com)  
[www.kalpatarupipingsolution.com](http://www.kalpatarupipingsolution.com)



## STAINLESS STEEL PIPE DIMENSION AS PER ASTM AND WEIGHT KG. PER MTR. (ANSI B 36.19)

| Nominal Bore |       | Outside Diameter | Schedule 5S |                | Schedule 10S |                | Schedule 20S |                | Schedule 40S |                | Schedule 80S |                | Schedule 160S |                | Schedule XXS |                |
|--------------|-------|------------------|-------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|---------------|----------------|--------------|----------------|
| mm           | Inch  | mm               | Wt mm       | Weight (Kg/mt) | Wt mm        | Weight (Kg/mt) | Wt mm        | Weight (Kg/mt) | Wt mm        | Weight (Kg/mt) | Wt mm        | Weight (Kg/mt) | Wt mm         | Weight (Kg/mt) | Wt mm        | Weight (Kg/mt) |
| 3            | 1/8   | 10.3             | 1.24        | 0.276          | 1.24         | 0.28           | 1.5          | 0.33           | 1.73         | 0.37           | 2.41         | 0.47           | -             | -              | -            | -              |
| 6            | 1/4   | 13.7             | 1.24        | 0.390          | 1.65         | 0.49           | 2.00         | 0.58           | 2.24         | 0.631          | 3.02         | 0.80           | -             | -              | -            | -              |
| 10           | 3/8   | 17.1             | 1.24        | 0.490          | 1.65         | 0.63           | 2.00         | 0.74           | 2.31         | 0.845          | 3.20         | 1.10           | -             | -              | -            | -              |
| 15           | 1/2   | 21.3             | 1.65        | 0.800          | 2.11         | 1.00           | 2.30         | 1.07           | 2.77         | 1.27           | 3.75         | 1.62           | 4.75          | 1.94           | 7.47         | 2.55           |
| 20           | 3/4   | 26.7             | 1.65        | 1.03           | 2.11         | 1.28           | 2.55         | 1.52           | 2.87         | 1.68           | 3.91         | 2.20           | 5.54          | 2.89           | 7.82         | 3.63           |
| 25           | 1     | 33.4             | 1.65        | 1.30           | 2.77         | 2.09           | 2.55         | 1.94           | 3.38         | 2.50           | 4.55         | 3.24           | 6.35          | 4.24           | 9.09         | 5.45           |
| 32           | 1.1/4 | 42.2             | 1.65        | 1.65           | 2.77         | 2.70           | 3.00         | 2.90           | 3.56         | 3.38           | 4.85         | 4.47           | 6.35          | 5.61           | 9.70         | 7.77           |
| 40           | 1.1/2 | 48.3             | 1.65        | 1.91           | 2.77         | 3.11           | 3.00         | 3.55           | 3.68         | 4.05           | 5.08         | 5.41           | 7.14          | 7.25           | 10.16        | 9.54           |
| 50           | 2     | 60.3             | 1.65        | 2.40           | 2.77         | 3.93           | 3.00         | 4.24           | 3.91         | 5.44           | 5.54         | 7.48           | 8.74          | 11.1           | 11.07        | 13.44          |
| 65           | 2.1/2 | 73.0             | 2.11        | 3.69           | 3.05         | 5.26           | 4.00         | 6.81           | 5.16         | 8.63           | 7.01         | 11.4           | 9.53          | 14.9           | 14.2         | 20.39          |
| 80           | 3     | 88.9             | 2.11        | 4.51           | 3.05         | 6.45           | 4.00         | 8.37           | 5.49         | 11.30          | 7.62         | 15.2           | 11.1          | 21.3           | 15.24        | 27.65          |
| 100          | 4     | 114.3            | 2.11        | 5.84           | 3.05         | 8.36           | 4.50         | 12.18          | 6.02         | 16.07          | 8.56         | 22.3           | 13.49         | 33.54          | 17.12        | 41.03          |
| 125          | 5     | 141.3            | 2.77        | 9.47           | 3.40         | 11.57          | 5.00         | 16.80          | 6.55         | 21.8           | 9.53         | 31.97          | 15.88         | 49.11          | 19.05        | 57.43          |
| 150          | 6     | 168.3            | 2.77        | 11.32          | 3.40         | 13.84          | 6.35         | 25.36          | 7.11         | 28.3           | 10.97        | 42.7           | 18.2          | 67.56          | 21.95        | 79.22          |
| 200          | 8     | 219.1            | 2.77        | 14.79          | 3.76         | 19.96          | 6.35         | 33.31          | 8.18         | 42.6           | 12.7         | 64.6           | 23.0          | 111.2          | 22.23        | 107.8          |
| 250          | 10    | 273.1            | 3.40        | 22.63          | 4.19         | 27.78          | 6.35         | 41.77          | 9.27         | 60.5           | 12.7         | 96.0           | 28.6          | 172.4          | 25.40        | 155.15         |
| 300          | 12    | 323.9            | 3.96        | 31.25          | 4.57         | 36.00          | 6.35         | 49.7           | 9.52         | 73.88          | 12.7         | 132.0          | 33.32         | 238.76         | 25.40        | 186.97         |
| 350          | 14    | 355.6            | 3.96        | 34.36          | 4.78         | 41.3           | 7.92         | 67.80          | 11.13        | 94.59          | 19.05        | 158.08         | 35.71         | 281.70         | -            | -              |
| 400          | 16    | 406.4            | 4.19        | 41.56          | 4.78         | 47.29          | 7.92         | 77.83          | 12.7         | 123.30         | 21.41        | 203.33         | 40.46         | 365.11         | -            | -              |
| 450          | 18    | 457.2            | 4.19        | 46.80          | 4.78         | 53.42          | 7.92         | 87.71          | 14.27        | 155.80         | 23.8         | 254.36         | 45.71         | 466.40         | -            | -              |
| 500          | 20    | 508.0            | 4.78        | 59.25          | 5.54         | 68.71          | 9.53         | 117.14         | 15.09        | 183.42         | 26.19        | 311.2          | 49.99         | 564.68         | -            | -              |
| 600          | 24    | 609.6            | 5.54        | 82.47          | 6.35         | 94.45          | 9.53         | 141.12         | 17.48        | 255.41         | 30.96        | 442.08         | 59.54         | 808.22         | -            | -              |



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## Carbon Steel And Alloy Steel Pipe Dimension - ANSI B 16.10

| Nominal pipe size mm/ inch | OD mm  | 20              | 30              | STD            | 40              | 60              | XS              | 80              | 100             | 120             | 140             | 160             | XXS             | Shipping vol/CBM |
|----------------------------|--------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 15 1/2                     | 21.3   |                 |                 | 2.77<br>1.27   | 2.77<br>1.27    |                 | 3.73<br>1.62    | 3.73<br>1.62    |                 |                 |                 | 4.78<br>1.95    | 7.47<br>2.55    | 0.0004           |
| 20 3/4                     | 26.7   |                 |                 | 2.87<br>1.69   | 2.87<br>1.69    |                 | 3.91<br>2.20    | 3.91<br>2.20    |                 |                 |                 | 5.56<br>2.90    | 7.82<br>3.64    | 0.0007           |
| 25 1                       | 33.4   |                 |                 | 3.38<br>2.50   | 3.38<br>2.50    |                 | 4.55<br>3.24    | 4.55<br>3.24    |                 |                 |                 | 6.35<br>4.24    | 9.09<br>5.45    | 0.0011           |
| 32 1 1/4                   | 42.2   |                 |                 | 3.56<br>3.39   | 3.56<br>3.39    |                 | 4.85<br>4.47    | 4.85<br>4.47    |                 |                 |                 | 6.35<br>5.61    | 9.70<br>7.77    | 0.0017           |
| 40 1 1/2                   | 48.3   |                 |                 | 3.68<br>4.05   | 3.68<br>4.05    |                 | 5.08<br>5.41    | 5.08<br>5.41    |                 |                 |                 | 7.14<br>7.25    | 10.15<br>9.56   | 0.023            |
| 50 2                       | 60.3   |                 |                 | 3.91<br>5.44   | 3.91<br>5.44    |                 | 5.54<br>7.48    | 5.54<br>7.48    |                 |                 |                 | 8.74<br>11.11   | 11.07<br>13.44  | 0.036            |
| 65 2 1/2                   | 73.0   |                 |                 | 5.16<br>8.63   | 5.16<br>8.63    |                 | 7.01<br>11.41   | 7.01<br>11.41   |                 |                 |                 | 9.53<br>14.92   | 14.02<br>20.39  | 0.0053           |
| 80 3                       | 88.9   |                 |                 | 5.49<br>11.29  | 5.49<br>11.29   |                 | 7.62<br>15.27   | 7.62<br>15.27   |                 |                 |                 | 11.13<br>21.35  | 15.24<br>27.68  | 0.0079           |
| 90 3 1/2                   | 101.6  |                 |                 | 5.74<br>13.57  | 5.74<br>13.57   |                 | 8.08<br>18.63   | 8.08<br>18.63   |                 |                 |                 | -               | -               | 0.0103           |
| 100 4                      | 114.3  |                 |                 | 6.02<br>16.07  | 6.02<br>16.07   |                 | 8.56<br>22.32   | 8.56<br>22.32   |                 | 11.13<br>28.32  |                 | 13.49<br>33.54  | 17.12<br>41.03  | 0.0130           |
| 125 5                      | 141.3  |                 |                 | 6.55<br>21.77  | 6.55<br>21.77   |                 | 9.53<br>30.97   | 9.53<br>30.97   |                 | 12.70<br>40.28  |                 | 15.88<br>49.11  | 19.05<br>57.43  | 0.0199           |
| 150 6                      | 168.3  |                 |                 | 7.11<br>28.26  | 7.11<br>28.26   |                 | 10.97<br>42.56  | 10.97<br>42.56  |                 | 14.27<br>54.20  |                 | 18.26<br>67.56  | 21.95<br>79.22  | 0.028            |
| 200 8                      | 219.1  | 6.35<br>33.31   | 7.04<br>36.81   | 8.18<br>42.55  | 8.18<br>42.55   | 10.31<br>53.08  | 12.70<br>64.64  | 12.70<br>64.64  | 15.09<br>75.92  | 18.26<br>90.44  | 20.62<br>100.92 | 23.01<br>111.27 | 22.23<br>107.92 | 0.048            |
| 250 10                     | 273.1  | 6.35<br>41.77   | 7.80<br>51.03   | 9.27<br>60.31  | 9.27<br>60.31   | 12.70<br>81.55  | 12.70<br>81.55  | 15.09<br>96.01  | 18.26<br>114.75 | 21.44<br>133.06 | 25.40<br>155.15 | 28.58<br>172.33 | 25.40<br>155.15 | 0.074            |
| 300 12                     | 323.9  | 6.35<br>49.73   | 8.38<br>65.20   | 9.53<br>73.88  | 10.31<br>79.73  | 14.27<br>108.96 | 12.70<br>97.46  | 17.48<br>132.08 | 21.44<br>159.91 | 25.40<br>186.97 | 28.58<br>208.14 | 33.32<br>238.76 | 25.40<br>186.97 | 0.104            |
| 350 14                     | 355.6  | 7.92<br>67.90   | 9.53<br>81.33   | 9.53<br>81.33  | 11.13<br>94.55  | 15.09<br>126.71 | 12.70<br>107.39 | 19.05<br>158.10 | 23.83<br>194.96 | 27.79<br>224.65 | 31.75<br>253.56 | 35.71<br>281.70 |                 | 0.126            |
| 400 16                     | 406.4  | 7.92<br>77.83   | 9.53<br>93.27   | 9.53<br>93.27  | 12.70<br>123.30 | 16.66<br>160.12 | 12.70<br>123.30 | 21.44<br>203.53 | 26.19<br>245.56 | 30.96<br>286.64 | 36.53<br>333.19 | 40.49<br>365.35 |                 | 0.165            |
| 450 18                     | 457.2  | 7.92<br>87.71   | 11.13<br>122.38 | 9.53<br>105.16 | 14.27<br>155.80 | 19.05<br>205.74 | 12.70<br>139.15 | 23.88<br>254.55 | 29.36<br>309.62 | 34.93<br>363.56 | 39.67<br>408.26 | 45.24<br>459.37 |                 | 0.209            |
| 500 20                     | 508.0  | 9.53<br>117.15  | 12.70<br>155.12 | 9.53<br>117.15 | 15.09<br>183.42 | 20.62<br>247.83 | 12.70<br>155.12 | 26.19<br>311.17 | 32.54<br>381.53 | 38.10<br>441.49 | 44.45<br>508.11 | 50.01<br>564.81 |                 | 0.258            |
| 550 22                     | 558.8  | 9.53<br>129.13  | 12.70<br>171.09 | 9.53<br>129.13 | -               | 22.23<br>294.25 | 12.70<br>171.09 | 28.58<br>373.83 | 34.93<br>451.42 | 41.28<br>527.02 | 47.63<br>600.63 | 53.98<br>672.26 |                 | 0.312            |
| 600 24                     | 609.6  | 9.53<br>141.12  | 14.27<br>209.64 | 9.53<br>141.12 | 17.48<br>255.41 | 24.61<br>355.26 | 12.70<br>187.06 | 30.96<br>442.08 | 38.89<br>547.71 | 46.02<br>640.03 | 52.37<br>720.15 | 59.54<br>808.22 |                 | 0.372            |
| 650 26                     | 660.4  | 12.70<br>202.72 | -               | 9.53<br>152.87 | -               |                 | 12.70<br>202.72 |                 |                 |                 |                 |                 |                 | 0.436            |
| 700 28                     | 711.2  | 12.70<br>218.69 | 15.88<br>271.21 | 9.53<br>164.85 | -               |                 | 12.70<br>218.69 |                 |                 |                 |                 |                 |                 | 0.505            |
| 750 30                     | 762.0  | 12.70<br>234.67 | 15.88<br>292.18 | 9.53<br>176.84 | -               |                 | 12.70<br>234.67 |                 |                 |                 |                 |                 |                 | 0.580            |
| 800 32                     | 812.8  | 12.70<br>250.64 | 15.88<br>312.15 | 9.53<br>188.82 | 17.48<br>342.91 |                 | 12.70<br>250.64 |                 |                 |                 |                 |                 |                 | 0.660            |
| 850 34                     | 863.6  | 12.70<br>266.61 | 15.88<br>332.12 | 9.53<br>200.31 | 17.48<br>364.90 |                 | 12.70<br>266.61 |                 |                 |                 |                 |                 |                 | 0.745            |
| 900 36                     | 914.4  | 12.70<br>282.27 | 15.88<br>351.70 | 9.53<br>212.56 | 19.05<br>420.42 |                 | 12.70<br>282.27 |                 |                 |                 |                 |                 |                 | 0.836            |
| 950 38                     | 965.2  |                 |                 | 9.53<br>224.54 |                 |                 | 12.70<br>298.24 |                 |                 |                 |                 |                 |                 | 0.931            |
| 1000 40                    | 1016.0 |                 |                 | 9.53<br>236.53 |                 |                 | 12.70<br>314.22 |                 |                 |                 |                 |                 |                 | 1.032            |
| 1050 42                    | 1066.8 |                 |                 | 9.53<br>248.52 |                 |                 | 12.70<br>330.19 |                 |                 |                 |                 |                 |                 | 1.138            |
| 1100 44                    | 1117.8 |                 |                 | 9.53<br>260.50 |                 |                 | 12.70<br>346.16 |                 |                 |                 |                 |                 |                 | 1.249            |
| 1150 46                    | 1168.4 |                 |                 | 9.53<br>272.25 |                 |                 | 12.70<br>351.82 |                 |                 |                 |                 |                 |                 | 1.365            |
| 1200 48                    | 1219.2 |                 |                 | 9.53<br>284.24 |                 |                 | 12.70<br>377.79 |                 |                 |                 |                 |                 |                 | 1.486            |

SI Units (Metric)

OD= mm

Wall thickness= mm

Weight= kg/m (plain end mass)