



# P. S. STEEL

Deals In -:

STAINLESS STEEL PIPES, SHEETS, PLATES, VALVES, & PIPE FITINGS IN GRADES OF 304, 316, 202, FLANGE, TEE, SOCKET, ELBOW, REDUCER, SHORT COLLAR, LONG COLLAR, ETC

Shop No. 58, 1<sup>st</sup> Floor, Raghu Shree Market Ajemri Gate Delhi – 110006 , Tele - 011-49123747  
E-mails : [p.s.steel999@gmail.com](mailto:p.s.steel999@gmail.com) , [p.s.steel99@gmail.com](mailto:p.s.steel99@gmail.com) , 9819688259 , 9899412628 , 9868655986

## Stainless Steel Pipes OD Chart (in inches and MM) – PS Steel

Nominal Pipe Size (NPS)	Outer Diameter (OD) (inches)	Outer Diameter (OD) (mm)
1/8 Inch SS Pipe	0.405	10.29
1/4 Inch SS Pipe	0.54	13.72
3/8 Inch SS Pipe	0.675	17.15
1/2 Inch SS Pipe	0.84	21.34
3/4 Inch SS Pipe	1.05	26.67
1 Inch SS Pipe	1.315	33.4
1-1/4 Inch SS Pipe	1.66	42.16
1-1/2 Inch SS Pipe	1.9	48.26
2 Inch SS Pipe	2.375	60.33
2-1/2 Inch SS Pipe	2.875	73.03
3 Inch SS Pipe	3.5	88.9
3-1/2 Inch SS Pipe	4	101.6



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4 Inch SS Pipe	4.5	114.3
5 Inch SS Pipe	5.563	141.3
6 Inch SS Pipe	6.625	168.28
8 Inch SS Pipe	8.625	219.08
10 Inch SS Pipe	10.75	273.05
12 Inch SS Pipe	12.75	323.85
14 Inch SS Pipe	14	355.6
16 Inch SS Pipe	16	406.4
18 Inch SS Pipe	18	457.2
20 Inch SS Pipe	20	508
24 Inch SS Pipe	24	609.6

#### Important Notes:

- **NPS (Nominal Pipe Size)** refers to the standardized size designations of pipes.
- The **OD (Outer Diameter)** is a critical measurement used for pipe fittings and applications.
- **Stainless Steel Grades:** Typically, stainless steel pipes are available in grades like 304, 316, etc., which can withstand different environments and pressures.



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## Stainless Steel Application Industrial SS Pipes

Application	SS Grade	Nominal Pipe Size	Outer Diameter (OD) (inches/mm)	Schedule/Thickness	Description
Plumbing and Water Supply	304, 304L	1/2" to 6"	0.840" to 6.625" (21.34mm to 168.28mm)	Schedule 10, 40	Corrosion-resistant piping for residential/commercial plumbing.
Food and Beverage Industry	304, 316	1/2" to 8"	0.840" to 8.625" (21.34mm to 219.08mm)	Schedule 5, 10, 40	Used in hygienic environments for food and liquid transport.
Chemical Processing	316, 316L	1" to 24"	1.315" to 24.000" (33.40mm to 609.60mm)	Schedule 40, 80	Resistant to chemicals, ideal for processing plants and corrosive environments.
Oil and Gas Pipelines	316, 321	2" to 24"	2.375" to 24.000" (60.33mm to 609.60mm)	Schedule 40, 80, 160	High-pressure, corrosion-resistant pipes for oil and gas transmission.
Heat Exchangers	304, 316	1/4" to 12"	0.540" to 12.750" (13.72mm to 323.85mm)	Schedule 5, 10, 40	Pipes used in heat exchangers, excellent thermal resistance.
Pharmaceutical Industry	316, 316L	1/4" to 6"	0.540" to 6.625" (13.72mm to 168.28mm)	Schedule 5, 10	Hygienic-grade piping for drug manufacturing facilities.
Automotive Exhaust Systems	409, 304	1" to 4"	1.315" to 4.500" (33.40mm to 114.30mm)	Schedule 5, 10	Durable, corrosion-resistant exhaust systems.
Structural Applications	304, 316	1" to 12"	1.315" to 12.750" (33.40mm to 323.85mm)	Schedule 40	Used in construction for strong, corrosion-resistant frameworks.



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Marine Applications	316, 316L	1/2" to 8"	0.840" to 8.625" (21.34mm to 219.08mm)	Schedule 40, 80	Piping that withstands seawater exposure, corrosion, and pressure.
Power Generation	304, 316, 321	1/2" to 24"	0.840" to 24.000" (21.34mm to 609.60mm)	Schedule 40, 80	High-temperature, corrosion-resistant pipes used in power plants.
Dairy and Food Processing	304, 316	1/2" to 6"	0.840" to 6.625" (21.34mm to 168.28mm)	Schedule 5, 10	Smooth internal surfaces for hygienic liquid transport.

