Dimensions of Welded and Seamless Stainless Steel Pipe and Nominal Weights (Masses) of Steel Pipe, PLain End

NPS (DN)	Schedule No	Outside Diameter, in. (mm)	Wall Thickness in. (mm)	Plain End Weight (Mass) lb/ft(kg/m)
1/8(6)	5S	0.405(10.29)	...[Note(1)]	...
1/8(6)	10S	0.405(10.29)	0.049(1.24)[Note (1)]	0.19(0.28)
1/8(6)	40S	0.405(10.29)	0.068(1.73)	0.24(0.37)
1/8(6)	80S	0.405(10.29)	0.095(2.41)	0.31(0.47)
1/8(6)	160S	0.405(10.29)	0.124(3.15)	0.37(0.55)
1/4(8)	5S	0.540(13.72)	... [Note (1)]	...
1/4(8)	10S	0.540(13.72)	0.065(1.65)[Note(1)]	0.33(0.49)
1/4(8)	40S	0.540(13.72)	0.088(2.24)	0.43(0.63)
1/4(8)	80S	0.540(13.72)	0.119 (3.02)	0.54(0.80)
1/4(8)	160S	0.540(13.72)	0.145 (3.68)	0.61(0.91)
3/8(10)	5S	0.675(17.14)	... [Note(1)]	...
3/8(10)	10S	0.675(17.14)	0.065(1.65)[Note(1)]	0.42(0.63)
3/8(10)	40S	0.675(17.14)	0.091 (2.31)	0.57 (0.84)
3/8(10)	80S	0.675(17.14)	0.126(3.20)	0.74(1.10)
3/8(10)	160S	0.675(17.14)	0.158(4.01)	0.87(1.30)
1/2(15)	5S	0.840(21.34)	0.065(1.65)[Note(1)]	0.54(0.80)
1/2(15)	10S	0.840(21.34)	0.083(2.11)[Note(1)]	0.67(1.00)
1/2(15)	40S	0.840(21.34)	0.109(2.77)	0.85(1.27)
1/2(15)	80S	0.840(21.34)	0.147(3.73)	1.09(1.62)
1/2(15)	160S	0.840(21.34)	0.188(4.78)	1.31(1.95)

3/4(20)	5S	1.050(26.67)	0.065(1.65)[Note(1)]	0.68(1.02)
3/4(20)	10S	1.050(26.67	0.083(2.11)[Note(1)]	0.86(1.28)
3/4(20)	40S	1.050(26.67)	0.113(2.87)	1.13(1.68)
3/4(20)	80S	1.050(26.67)	0.154(3.91)	1.48(2.19)
3/4(20)	160S	1.050(26.67)	0.219(5.56)	1.95(2.89)
1(25)	5S	1.315(33.40	0.065(1.65)[Note(1)]	0.87(1.29)
1(25)	10S	1.315(33.40)	0.109(2.77)[Note(1)]	1.41(2.09)
1(25)	40S	1.315 (33.40)	0.133 (3.38)	1.68 (2.50)
1(25)	80S	1.315(33.40)	0.179(4.55)	2.17(3.24)
1(25)	160S	1.315(33.40)	0.250(6.35)	2.85(4.24)
1 1/4 (32)	5S	1.660 (42.16)	0.065(1.65)[Note(1)]	1.11(1.65)
1 1/4 (32)	10S	1.660 (42.16)	0.109(2.77)[Note(1)]	1.81(2.69)
1 1/4 (32)	40S	1.660 (42.16)	0.140(3.56)	2.27(3.39)
1 1/4 (32)	80S	1.660 (42.16)	0.191(4.85)	3.00 (4.46)
1 1/4 (32)	160S	1.660 (42.16)	0.250(6.35)	3.77 (5.61)
1 1/2 (40)	5S	1.900(48.26)	0.065(1.65)[Note(1)]	1.28(1.90)
1 1/2 (40)	10S	1.900(48.26)	0.109 (2.77)[Note(1)]	2.09(3.11)
1 1/2 (40)	40S	1.900(48.26)	0.145(3.68)	2.72 (4.05)
1 1/2 (40)	80S	1.900(48.26)	0.200(5.08)	3.63(5.41)
1 1/2 (40)	160S	1.900(48.26)	0.281(7.14)	4.86(7.24)
2(50)	5S	2.375(60.32)	0.065(1.65)[Note(1)]	1.61(2.39)
2(50)	10S	2.375(60.32)	0.109(2.77)[Note(1)]	2.64(3.93)
2(50)	40S	2.375(60.32)	0.154(3.91)	3.66(5.44)
2(50)	80S	2.375(60.32)	0.218(5.54)	5.03(7.48)
2(50)	160S	2.375(60.32)	0.344(8.74)	7.47(11.12)

2 1/2(65)	5S	2.875(73.02)	0.083(2.11)[Note(1)]	2.48(3.69)
2 1/2(65)	10S	2.875(73.02)	0.120(3.05)[Note(1)]	3.53(5.26)
2 1/2(65)	40S	2.875(73.02)	0.203 (5.16)	5.80(8.64)
2 1/2(65)	80S	2.875(73.02)	0.276(7.01)	7.67(11.41)
2 1/2(65)	160S	2.875(73.02)	0.375(9.52)	10.02(14.91)
3(80)	5S	3.500(88.90)	0.083(2.11)[Note(1)]	3.03 (4.52)
3(80)	10S	3.500(88.90)	0.120(3.05)[Note(1)]	4.34(6.46)
3(80)	40S	3.500(88.90)	0.216(5.49)	7.58(11.29)
3(80)	80S	3.500(88.90)	0.300(7.62)	10.26(15.27
3(80)	160S	3.500(88.90)	0.438(11.13)	14.34(21.35)
3 1/2(90)	5S	4.000(101.60)	0.083(2.11)[Note(1)]	3.48(5.18)
3 1/2(90)	10S	4.000(101.60) 4.000(101.60)	0.120(3.05)[Note(1)]	4.98 (7.41)
3 1/2(90)	40S	4.000(101.60)	0.226(5.74)	9.12(13.57)
3 1/2(90)	80S		0.318(8.08)	12.52(18.64)
4(100)	5S	4.500(114.30)	0.083(2.11)[Note(1)]	3.92(5.84)
4(100)	10S	4.500(114.30)	0.120(3.05)[Note(1)]	5.62(8.37)
4(100)	40S	4.500(114.30)	0.237(6.02)	10.80(16.08)
4(100)	80S	4.500(114.30)	0.337(8.56)	15.00 (22.32)
4(100)	160S	4.500(114.30)	0.531(13.49)	22.53(33.54)
5(125)	5S	5.563(141.30)	0.109(2.77)[Note(1)]	6.36(9.46)
5(125)	10S	5.563(141.30)	0.134(3.40)[Note(1)]	7.78(11.56)
5(125)	40S	5.563(141.30) 5.563(141.30)	0.258(6.55)	14.63(21.77)
5(125)	80S	5.563(141.30)	0.375(9.52)	20.80(30.94)
5(125)	160S		0.625(15.88)	32.99(49.12)

6(150)	5S	6.625(168.28)	0.109(2.77)[Note(1)]	7.59(11.31)
6(150)	10S	6.625(168.28)	0.134(3.40)[Note(1)]	9.30(13.83)
6(150)	40S	6.625(168.28)	0.280(7.11)	18.99(28.26)
6(150)	80S	6.625(168.28)	0.432(10.97)	28.60(42.56)
6(150)	160S	6.625(168.28)	0.719(18.26)	45.39 (67.56)
8(200)	5S	8.625(219.08)	0.109(2.77)[Note(1)]	9.92(14.78)
8(200)	10S	8.625(219.08)	0.148(3.76)[Note(1)]	13.41(19.97)
8(200)	40S	8.625(219.08)	0.322(8.18)	28.58(42.55)
8(200)	80S	8.625(219.08)	0.500(12.70)	43.43(64.64)
10(250)	5S	10.75(273.0)	0.134(3.40)[Note(1)]	15.21(22.61)
10(250)	10S	10.75(273.0)	0.165(4.19)[Note(1)]	18.67(27.78)
10(250)	40S	10.75(273.0)	0.365(9.27)	40.52(60.29)
10(250)	80S	10.75(273.0)	0.500(12.70)[Note(2)]	54.79(81.53)
12(300)	5S	12.75(323.8)	0.156(3.96)[Note(1)]	21.00(31.24)
12(300)	10S	12.75(323.8)	0.180(4.57)[Note(1)]	24.19(35.98)
12(300)	40S	12.75(323.8)	0.375(9.52)[Note(2)]	49.61(73.79)
12(300)	80S	12.75(323.8)	0.500(12.70)[Note(2)]	65.48(97.44)
14(350)	5S	14.00(355.6)	0.156(3.96)[Note(1)]	23.09(34.34)
14(350)	10S	14.00(355.6)	0.188(4.78)[Notes(1),(2)]	27.76(41.36)
14(350)	40S	14.00(355.6)	0.375(9.52)[Note(2)]	54.62(81.25)
14(350)	80S	14.00(355.6)	0.500(12.70)[Note(2)]	72.16(107.40)
16(400)	5S	16.00(406.4)	0.165(4.19)[Note(1)]	27.93(41.56)
16(400)	10S	16.00(406.4)	0.188(4.78)[Notes(1),(2)]	31.78(47.34)
16(400)	40S	16.00(406.4)	0.375(9.52)[Note(2)]	62.64(93.18)
16(400)	80S	16.00(406.4)	0.500(12.70)[Note(2)]	82.85(123.31)

18(450)	5S	18.00(457.2)	0.165(4.19)[Note(1)]	31.46(46.81)
18(450)	10S	18.00(457.2)	0.188(4.78)[Notes(1),(2)]	35.80(53.33)
18(450)	40S	18.00(457.2)	0.375(9.52)[Note(2)]	70.65(105.17)
18(450)	80S	18.00(457.2)	0.500(12.70)[Note(2)]	93.54(139.16)
20(500)	5S	20.00(508.0)	0.188(4.78)[Note(1)]	39.82(59.32)
20(500)	10S	20.00(508.0)	0.218(5.54)[Notes(1),(2)]	46.10(68.65)
20(500)	40S	20.00(508.0)	0.375(9.52)[Note(2)]	78.67(117.03)
20(500)	80S	20.00(508.0)	0.500(12.70)[Note(2)]	104.23(155.13)
22(550)	5S	22.00(558.8)	0.188(4.78)[Note(1)]	43.84(65.31)
22(550)	10S	22.00(558.8)	0.218(5.54)[Notes(1),(2)]	50.76(75.59)
22(550)	40S	22.00(558.8)	...	...
22(550)	80S	22.00(558.8)	...	...
24(600)	5S	24.00(609.6)	0.218(5.54)[Note(1)	55.42(82.53)
24(600)	10S	24.00(609.6)	0.250(6.35)[Note(1)]	63.47(94.47)
24(600)	40S	24.00(609.6)	0.375(9.52)[(Note2)]	94.71(140.89)
24(600)	80S	24.00(609.6)	0.500(12.70)[Note(2)]	125.61(186.95)
30(750)	5S	30.00(762.0)	0.250(6.35)[Note(1)]	79.51(118.34)
30(750)	10S	30.00(762.0)	0.312(7.92)[Note(1)]	99.02(147.29)
30(750)	40S	30.00(762.0)	...	...
30(750)	80S	30.00(762.0)	...	...

GENERAL, NOTES:
(a) 1 in.= 25.4 mm.
(b)1lb/t =1.4882 kg/m.
(c)Weights (masses) are given in pounds per linear foot (kilograms per meter) and are for carbon steel pipe with plain ends.
(d)Thedifferent grades of stainless steel permit considerable variations in weight (mass). The ferriticstainless steels may beabout 5%less,and the austenitic stainless steels about 2% greater, than the values shown in this Table, which are based on weights (masses) for carbon steel.

NOTES:
(1)These wall thicknesses do not permit threading in accordance with ASME B1.20.1.
(2)These dimensions do not conform to ASME B36.10.