CONCENTRIC REDUCER SS 304L BW SCH 10S ASME / ANSI B16.9



* Refeíence photo

Mateíial: ASTM A403 304L
Design: ASME / ANSI B16.9
Ends: Butt Welded
Schedule: SCH 10S

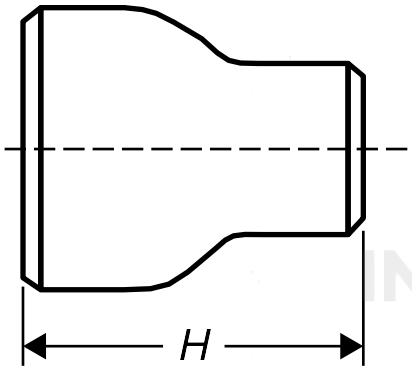
TENSILE REQUIREMENTS

M6TERI6L	Viclk Stícngth, min, ksi [MPa]	Tcnsilc Stícngth, min, ksi [MPa]
304L	25 [170]	70 [485]

PERMITTED V6RI6TIONS IN W6LL THICKNESS

	Tolcíancc, % fíom Nominal	
NPS Dcsignatoí	Ovcí	Unkcí
1/8 to 21/2 incl., all t/D íatios	20.0	12.5
3 to 18 incl., t/D up to 5 % incl.	22.5	12.5
3 to 18 incl., t/D > 5%	15.0	12.5

where:
t = Nominal Wall Thickness
D = Oídeíed Outside Diameteí



Fioíella Repíesentaciones S.A.C.
Impoítadoí y distíibuidoí autoíizado de píoductos HGA
paía Peíú y paía su expoítación.

DIMENSIONS

Nominal Pipe Size (NPS)	Outside Diameteí at Bevel, mm (in.)		End-to-End, H, mm (in.)	Nominal Wall Thickness, mm (in.)		Appíox. Weight, kg
	Laíge End	Small End		Laíge End	Small End	
3/4 × 1/2	26.7 (1.05)	21.3 (0.84)	38 (1.50)	2.11 (0.083)	2.11 (0.083)	–
3/4 × 3/8	26.7 (1.05)	17.3 (0.68)	38 (1.50)	2.11 (0.083)	1.65 (0.065)	0.05
1 × 3/4	33.4 (1.32)	26.7 (1.05)	51 (2.00)	2.77 (0.109)	2.11 (0.083)	0.098
1 × 1/2	33.4 (1.32)	21.3 (0.84)	51 (2.00)	2.77 (0.109)	2.11 (0.083)	0.089
1 1/4 × 1	42.2 (1.66)	33.4 (1.32)	51 (2.00)	2.77 (0.109)	2.77 (0.109)	0.125
1 1/4 × 3/4	42.2 (1.66)	26.7 (1.05)	51 (2.00)	2.77 (0.109)	2.11 (0.083)	0.13
1 1/4 × 1/2	42.2 (1.66)	21.3 (0.84)	51 (2.00)	2.77 (0.109)	2.11 (0.083)	0.13
1 1/2 × 1 1/4	48.3 (1.90)	42.2 (1.66)	64 (2.50)	2.77 (0.109)	2.77 (0.109)	0.195
1 1/2 × 1	48.3 (1.90)	33.4 (1.32)	64 (2.50)	2.77 (0.109)	2.77 (0.109)	0.17
1 1/2 × 3/4	48.3 (1.90)	26.7 (1.05)	64 (2.50)	2.77 (0.109)	2.11 (0.083)	0.156
1 1/2 × 1/2	48.3 (1.90)	21.3 (0.84)	64 (2.50)	2.77 (0.109)	2.11 (0.083)	0.154
2 × 1 1/2	60.3 (2.38)	48.3 (1.90)	76 (3.00)	2.77 (0.109)	3.68 (0.145)	0.273
2 × 1 1/4	60.3 (2.38)	42.2 (1.66)	76 (3.00)	2.77 (0.109)	2.77 (0.109)	0.258

* Conveísion equivalents aíe appíoximate. Refeíence weights.

* PhotoS anK íefeíence Kata. Refeíence weightS. We accept no liability foí incoíiect uSeS oí miSinteípíetationS of thiS Kata.

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CONCENTRIC REDUCER SS 304L BW SCH 10S ASME / ANSI B16.9

Nominal Pipe Size (NPS)	Outside Diameteí at Bevel, mm (in.)		End-to-End, H, mm (in.)	Nominal Wall Thickness, mm (in.)		Appíox. Weight, kg
	Laíge End	Small End		Laíge End	Small End	
2 × 1	60.3 (2.38)	33.4 (1.32)	76 (3.00)	2.77 (0.109)	2.77 (0.109)	0.237
2 × 3⁄4	60.3 (2.38)	26.7 (1.05)	76 (3.00)	2.77 (0.109)	2.11 (0.083)	0.214
2 1⁄2 × 2	73.0 (2.88)	60.3 (2.38)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.432
2 1⁄2 × 1 1⁄2	73.0 (2.88)	48.3 (1.90)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.396
2 1⁄2 × 1 1⁄4	73.0 (2.88)	42.2 (1.66)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.394
2 1⁄2 × 1	73.0 (2.88)	33.4 (1.32)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.349
3 × 2 1⁄2	88.9 (3.50)	73.0 (2.88)	89 (3.50)	3.05 (0.12)	3.05 (0.12)	0.59
3 × 2	88.9 (3.50)	60.3 (2.38)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.478
3 × 1 1⁄2	88.9 (3.50)	48.3 (1.90)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.444
3 × 1 1⁄4	88.9 (3.50)	42.2 (1.66)	89 (3.50)	3.05 (0.12)	2.77 (0.109)	0.43
3 1⁄2 × 3	101.6 (4.00)	88.9 (3.50)	102 (4.00)	3.05 (0.12)	3.05 (0.12)	–
3 1⁄2 × 2 1⁄2	101.6 (4.00)	73.0 (2.88)	102 (4.00)	3.05 (0.12)	3.05 (0.12)	–
3 1⁄2 × 2	101.6 (4.00)	60.3 (2.38)	102 (4.00)	3.05 (0.12)	3.91 (0.154)	–
3 1⁄2 × 1 1⁄2	101.6 (4.00)	48.3 (1.90)	102 (4.00)	3.05 (0.12)	3.68 (0.145)	–
3 1⁄2 × 1 1⁄4	101.6 (4.00)	42.2 (1.66)	102 (4.00)	3.05 (0.12)	2.77 (0.109)	–
4 × 3 1⁄2	114.3 (4.50)	101.6 (4.00)	102 (4.00)	3.05 (0.12)	3.05 (0.12)	–
4 × 3	114.3 (4.50)	88.9 (3.50)	102 (4.00)	3.05 (0.12)	3.05 (0.12)	0.748
4 × 2 1⁄2	114.3 (4.50)	73.0 (2.88)	102 (4.00)	3.05 (0.12)	3.05 (0.12)	0.706
4 × 2	114.3 (4.50)	60.3 (2.38)	102 (4.00)	3.05 (0.12)	2.77 (0.109)	0.656
4 × 1 1⁄2	114.3 (4.50)	48.3 (1.90)	102 (4.00)	3.05 (0.12)	3.68 (0.145)	0.63
5 × 4	141.3 (5.56)	114.3 (4.50)	127 (5.00)	3.4 (0.134)	3.05 (0.12)	1.32
5 × 3 1⁄2	141.3 (5.56)	101.6 (4.00)	127 (5.00)	3.4 (0.134)	3.05 (0.12)	–
5 × 3	141.3 (5.56)	88.9 (3.50)	127 (5.00)	3.4 (0.134)	3.05 (0.12)	1.2
5 × 2 1⁄2	141.3 (5.56)	73.0 (2.88)	127 (5.00)	3.4 (0.134)	3.05 (0.12)	1.18
5 × 2	141.3 (5.56)	60.3 (2.38)	127 (5.00)	3.4 (0.134)	2.77 (0.109)	1.05
6 × 5	168.3 (6.62)	141.3 (5.56)	140 (5.50)	3.4 (0.134)	3.4 (0.134)	1.75
6 × 4	168.3 (6.62)	114.3 (4.50)	140 (5.50)	3.4 (0.134)	3.05 (0.12)	1.62
6 × 3 1⁄2	168.3 (6.62)	101.6 (4.00)	140 (5.50)	3.4 (0.134)	3.05 (0.12)	–
6 × 3	168.3 (6.62)	88.9 (3.50)	140 (5.50)	3.4 (0.134)	5.49 (0.216)	1.5
6 × 2 1⁄2	168.3 (6.62)	73.0 (2.88)	140 (5.50)	3.4 (0.134)	3.05 (0.12)	1.35
8 × 6	219.1 (8.62)	168.3 (6.62)	152 (6.00)	3.76 (0.148)	3.4 (0.134)	2.85
8 × 5	219.1 (8.62)	141.3 (5.56)	152 (6.00)	3.76 (0.148)	3.4 (0.134)	2.7
8 × 4	219.1 (8.62)	114.3 (4.50)	152 (6.00)	3.76 (0.148)	3.05 (0.12)	2.56
8 × 3 1⁄2	219.1 (8.62)	101.6 (4.00)	152 (6.00)	3.76 (0.148)	3.05 (0.12)	–
10 × 8	273.0 (10.75)	219.1 (8.62)	178 (7.00)	4.19 (0.165)	3.76 (0.148)	4.21
10 × 6	273.0 (10.75)	168.3 (6.62)	178 (7.00)	4.19 (0.165)	3.4 (0.134)	3.87
10 × 5	273.0 (10.75)	141.3 (5.56)	178 (7.00)	4.19 (0.165)	3.4 (0.134)	–
10 × 4	273.0 (10.75)	114.3 (4.50)	178 (7.00)	4.19 (0.165)	3.05 (0.12)	–
12 × 10	323.8 (12.75)	273.0 (10.75)	203 (8.00)	4.57 (0.18)	4.19 (0.165)	8.15
12 × 8	323.8 (12.75)	219.1 (8.62)	203 (8.00)	4.57 (0.18)	3.76 (0.148)	6.11
12 × 6	323.8 (12.75)	168.3 (6.62)	203 (8.00)	4.57 (0.18)	3.4 (0.134)	–
12 × 5	323.8 (12.75)	141.3 (5.56)	203 (8.00)	4.57 (0.18)	3.4 (0.134)	–
14 × 12	355.6 (14.00)	323.8 (12.75)	330 (13.00)	4.78 (0.188)	4.57 (0.18)	–
14 × 10	355.6 (14.00)	273.0 (10.75)	330 (13.00)	4.78 (0.188)	4.19 (0.165)	–
14 × 8	355.6 (14.00)	219.1 (8.62)	330 (13.00)	4.78 (0.188)	3.76 (0.148)	–
14 × 6	355.6 (14.00)	168.3 (6.62)	330 (13.00)	4.78 (0.188)	3.4 (0.134)	–
16 × 14	406.4 (16.00)	355.6 (14.00)	356 (14.00)	4.78 (0.188)	4.78 (0.188)	–
16 × 12	406.4 (16.00)	323.8 (12.75)	356 (14.00)	4.78 (0.188)	4.57 (0.18)	–
16 × 10	406.4 (16.00)	273.0 (10.75)	356 (14.00)	4.78 (0.188)	4.19 (0.165)	–
16 × 8	406.4 (16.00)	219.1 (8.62)	356 (14.00)	4.78 (0.188)	3.76 (0.148)	–
18 × 16	457 (18.00)	406.4 (16.00)	381 (15.00)	4.78 (0.188)	4.78 (0.188)	–
18 × 14	457 (18.00)	355.6 (14.00)	381 (15.00)	4.78 (0.188)	4.78 (0.188)	–

* Conveísion equivalents aíe appíoximate. Refeíence weights.

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