

Weld Neck Flange Bores

(Flange Size From 1/2" to 24")

Nominal Pipe Size	Nominal Outside Dia	Identification		Wall Thickness (In)	Inside Diameter (In)
		Std, XH & XXH	Sch		
1/2"	0.84	Std.	40/40S	0.119	0.622
		XH	80/80S	0.147	0.546
		160		0.188	0.464
3/4	1.050	XXH		0.294	0.252
		Std.	40/40S	0.113	0.824
		XH	80/80S	0.154	0.742
1"	1.315	160		0.219	0.612
		XXH		0.308	0.434
		Std.	40/40S	0.133	1.049
1 1/4"	1.660	XH	80/80S	0.179	0.957
		160		0.250	0.815
		XXH		0.358	0.599
1 1/2"	1.900	Std.	40/40S	0.140	1.380
		XH	80/80S	0.191	1.278
		160		0.250	1.160
2"	2.375	XXH		0.382	0.896
		Std.	40/40S	0.145	1.610
		XH	80/80S	0.200	1.500
2 1/2"	2.875	160		0.281	1.338
		XXH		0.400	1.100
		Std.	40/40S	0.154	2.067
3"	3.500	XH	80/80S	0.218	1.939
		160		0.344	1.687
		XXH		0.436	1.503
3 1/2"	4.000	Std.	40/40S	0.203	2.469
		XH	80/80S	0.276	2.323
		160		0.375	2.125
4"	4.500	XXH		0.552	1.771
		Std.	40/40S	0.216	3.068
		XH	80/80S	0.300	2.900
5"	5.563	160		0.438	2.624
		XXH		0.600	2.300
		Std.	40/40S	0.226	3.548
6"	6.625	XH	80/80S	0.318	3.364
		120		0.527	3.152
		XXH		0.674	3.152
8"	8.625	Std.	40/40S	0.258	5.047
		XH	80/80S	0.375	4.813
		120		0.500	4.563
10"	10.75	160		0.625	4.313
		XXH		0.750	4.063
		Std.	40/40S	0.280	6.065
12"	12.75	XH	80/80S	0.432	5.761
		120		0.562	5.501
		XXH		0.719	5.189
14"	14.00	160		0.864	4.897
		Std.	40/40S	0.237	4.026
		XH	80/80S	0.337	3.826
16"	16.00	120		0.438	3.624
		160		0.531	3.438
		XXH		0.674	3.152
18"	18.00	Std.	40/40S	0.258	5.047
		XH	80/80S	0.375	4.813
		120		0.500	4.563
20"	20.00	160		0.625	4.313
		XXH		0.750	4.063
		Std.	40/40S	0.280	6.065
22"	22	XH	80/80S	0.432	5.761
		120		0.562	5.501
		XXH		0.719	5.189
24"	24.00	140		0.812	7.001
		XXH		0.875	6.875
		160		0.906	6.813
26"	26	Std.	40/40S	0.322	7.981
		XH	80/80S	0.500	7.625
		100		0.594	7.439
28"	28	120		0.719	7.189
		140		0.812	7.001
		XXH		0.875	6.875
30"	30	160		0.906	6.813
		Std.	40/40S	0.365	10.020
		XH	60/80S	0.500	9.750
32"	32	80		0.594	9.564
		100		0.719	9.314
		120		0.844	9.064
34"	34	XXH		1.000	8.750
		160		1.125	8.500

Nominal Pipe Size	Nominal Outside Dia	Identification		Wall Thickness (In)	Inside Diameter (In)
		Std, XH & XXH	Sch		
12"	12.75		20	0.250	12.250
			30	0.330	12.090
		Std.	40S	0.375	12.000
14"	14.00		40	0.406	11.938
		XS	80S	0.500	11.750
			60	0.562	11.626
16"	16.00		80	0.688	11.376
			100	0.844	11.064
		XXH	120	1.000	10.750
18"	18.00		140	1.125	10.500
			160	1.312	10.126
			10	0.250	13.500
20"	20.00		20	0.312	13.376
		Std.	30/40S	0.375	13.250
			40	0.438	13.124
22"	22	XH	80S	0.500	13.000
			60	0.594	12.814
			80	0.750	12.500
24"	24.00		100	0.938	12.126
			120	1.094	11.814
			140	1.250	11.500
26"	26		160	1.406	11.188
			10	0.250	15.500
			20	0.312	15.376
28"	28	Std.	30/40S	0.375	15.250
		XH	40/80S	0.500	15.000
			60	0.656	14.688
30"	30		80	0.844	14.314
			100	1.031	13.938
			120	1.219	13.564
32"	32		140	1.438	13.124
			160	1.594	12.814
			10	0.250	17.500
34"	34		20	0.312	17.376
		Std.	40S	0.375	17.250
			30	0.438	17.124
36"	36	XH	80S	0.500	17.000
			40	0.562	16.876
			60	0.750	16.500
38"	38		80	0.938	16.126
			100	1.156	15.688
			120	1.375	15.250
40"	40		140	1.562	14.876
			160	1.781	14.438
			10	0.250	19.500
42"	42		20	0.312	19.250
		Std.	20/40S	0.375	19.250
		XH	30/80S	0.500	19.000
44"	44		40	0.594	18.814
			60	0.812	18.376
			80	1.031	17.938
46"	46		100	1.281	17.438
			120	1.500	17.000
			140	1.750	16.500
48"	48		160	1.969	16.064
			10	0.250	21.500
		Std	20/40S	0.375	21.250
50"	50	XH	80S	0.500	21.000
			10	0.250	23.500
		Std.	20/40S	0.375	23.250
52"	52	XH	80S	0.500	23.000
			30	0.562	22.876
			40	0.688	22.626
54"	54		60	0.969	22.064
			80	1.219	21.564
			100	1.531	20.938
56"	56		120	1.812	20.376
			140	2.062	19.876
			160	2.344	19.314

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