



		CLASS 75‡										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
26.00	26	30.00	1.31	1.31	26.62	26.06	27.75	2.31	28.50	36	0.75	0.31
28.00	28	32.00	1.31	1.31	28.62	28.06	29.75	2.44	30.50	40	0.75	0.31
30.00	30	34.00	1.31	1.31	30.62	30.06	31.75	2.56	32.50	44	0.75	0.31
32.00	32	36.00	1.38	1.44	32.62	32.06	33.75	2.75	34.50	48	0.75	0.31
34.00	34	38.00	1.38	1.50	34.62	34.06	35.75	2.88	36.50	52	0.75	0.31
36.00	36	40.69	1.44	1.69	36.81	36.06	38.00	3.38	39.06	40	0.88	0.38
38.00	38	42.69	1.50	1.75	38.81	38.06	40.00	3.50	41.06	40	0.88	0.38
40.00	40	44.69	1.50	1.75	40.81	40.06	42.00	3.62	43.06	44	0.88	0.38
42.00	42	46.69	1.56	1.88	42.81	42.06	44.00	3.75	45.06	48	0.88	0.38
44.00	44	49.25	1.69	1.94	44.88	44.06	46.25	4.12	47.38	36	1.00	0.38
46.00	46	51.25	1.75	2.00	46.88	46.06	48.25	4.25	49.38	40	1.00	0.38
48.00	48	53.25	1.81	2.12	48.88	48.06	50.25	4.38	51.38	44	1.00	0.38
50.00	50	55.25	1.88	2.18	50.94	50.06	52.25	4.56	53.38	44	1.00	0.38
52.00	52	57.38	1.88	2.25	52.94	52.06	54.25	4.75	55.50	48	1.00	0.38
54.00	54	59.38	1.94	2.38	55.00	54.06	56.25	4.94	57.50	48	1.00	0.38
56.00	56	62.00	2.00	2.44	57.12	56.06	58.50	5.31	59.88	40	1.12	0.44
58.00	58	64.00	2.06	2.50	59.12	58.06	60.50	5.44	61.88	44	1.12	0.44
60.00	60	66.00	2.19	2.62	61.12	60.06	62.50	5.69	63.88	44	1.12	0.44

		CLASS 150‡										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
30.94	26	30.94	1.62	1.75	26.94	26.06	28.00	3.50	29.31	36	0.88	0.38
32.94	28	32.94	1.75	1.88	28.94	28.06	30.00	3.75	31.31	40	0.88	0.38
37.06	30	37.06	1.75	2.00	31.00	30.06	32.00	3.94	33.31	44	0.88	0.38
37.06	32	37.06	1.81	2.12	33.06	32.06	34.00	4.25	35.44	48	0.88	0.38
39.56	34	39.56	1.94	2.25	35.12	34.06	36.25	4.34	37.69	40	1.00	0.38
41.62	36	41.62	2.06	2.31	37.19	36.06	38.25	4.62	39.75	44	1.00	0.38
44.25	38	44.25	2.12	2.50	39.25	38.12	40.25	4.88	42.12	40	1.12	0.38
46.25	40	46.25	2.19	2.62	41.31	40.12	42.50	5.06	44.12	44	1.12	0.38
48.25	42	48.25	2.31	2.69	43.38	42.12	44.50	5.25	46.12	48	1.12	0.44
50.25	44	50.25	2.38	2.81	45.38	44.12	46.50	5.38	48.12	52	1.12	0.44
52.81	46	52.81	2.44	2.94	47.44	46.12	48.62	5.69	50.56	40	1.25	0.44
54.81	48	54.81	2.56	3.06	49.50	48.12	50.75	5.88	52.56	44	1.25	0.44
56.81	50	56.81	2.69	3.18	51.50	50.12	52.75	6.06	54.56	48	1.25	0.44
58.81	52	58.81	2.75	3.31	53.56	52.12	54.75	6.19	56.56	52	1.25	0.44
61.00	54	61.00	2.81	3.44	55.62	54.12	56.75	6.38	58.75	56	1.25	0.44
63.00	56	63.00	2.88	3.56	57.69	56.12	58.75	6.56	60.75	60	1.25	0.56
65.94	58	65.94	2.94	3.68	59.69	58.12	60.75	6.88	63.44	48	1.38	0.56
67.94	60	67.94	3.00	3.81	61.81	60.12	63.00	7.06	65.44	52	1.38	0.56

		CLASS 300‡										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
34.12	26	34.12	3.50	3.50	27.62	26.19	29.00	5.69	31.62	32	1.38	0.56
36.25	28	36.25	3.50	3.50	29.75	28.19	31.00	5.88	33.75	36	1.38	0.56
39.00	30	39.00	3.69	3.69	32.00	30.25	33.25	6.22	36.25	36	1.50	0.56
41.50	32	41.50	4.06	4.06	34.00	32.25	35.50	6.62	38.50	32	1.62	0.62
43.62	34	43.62	4.06	4.06	36.12	34.25	37.50	6.81	40.62	36	1.62	0.62
46.12	36	46.12	4.06	4.06	38.00	36.25	39.75	7.12	42.88	32	1.75	0.62
48.12	38	48.12	4.38	4.38	40.00	38.25	41.75	7.56	44.88	36	1.75	0.62
50.12	40	50.12	4.56	4.56	42.00	40.25	43.88	7.81	46.88	40	1.75	0.62
52.50	42	52.50	4.69	4.69	44.00	42.31	46.00	8.06	49.00	36	1.88	0.62
54.50	44	54.50	5.00	5.00	46.19	44.31	48.00	8.44	51.00	40	1.88	0.62
57.50	46	57.50	5.06	5.12	48.38	46.31	50.00	8.75	53.75	36	2.00	0.62
59.50	48	59.50	5.06	5.31	50.31	48.31	52.25	8.81	55.75	40	2.00	0.62
61.50	50	61.50	5.44	5.50	52.38	50.31	54.25	9.25	57.75	44	2.00	0.62
63.50	52	63.50	5.62	5.68	54.44	52.31	56.25	9.56	59.75	48	2.00	0.62
65.88	54	65.88	5.38	5.88	56.50	54.31	58.25	9.44	62.12	48	2.00	0.62
69.50	56	69.50	6.06	6.18	58.81	56.31	60.50	10.56	65.00	36	2.38	0.69
71.94	58	71.94	6.06	6.38	60.94	58.31	62.75	10.81	67.44	40	2.38	0.69
73.94	60	73.94	5.94	6.56	62.94	60.31	65.00	10.69	69.44	40	2.38	0.69

		CLASS 400▲										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
33.50	26	33.50	3.50	3.50	27.12	26.00	28.00	5.88	30.75	28	1.50	0.44
28.00	28	36.00	3.75	3.75	29.12	28.00	30.00	6.25	33.00	24	1.62	0.50
30.00	30	38.25	4.00	4.00	31.25	30.00	32.25	6.69	35.25	28	1.62	0.50
32.00	32	40.75	4.25	4.25	33.25	32.00	34.38	7.06	37.50	28	1.75	0.50
34.00	34	42.75	4.38	4.38	35.38	34.00	36.50	7.38	39.50	32	1.75	0.56
36.00	36	45.50	4.69	4.69	37.50	36.00	38.62	7.88	42.00	28	1.88	0.56
38.00	38	...	...	...	...	...	...	...	...	...	...	...
40.00	40	...	...	...	...	...	...	...	...	...	...	...
42.00	42	...	...	...	...	...	...	...	...	...	...	...
44.00	44	...	...	...	...	...	...	...	...	...	...	...
46.00	46	...	...	...	...	...	...	...	...	...	...	...
48.00	48	...	...	...	...	...	...	...	...	...	...	...
50.00	50	...	...	...	...	...	...	...	...	...	...	...
52.00	52	...	...	...	...	...	...	...	...	...	...	...
54.00	54	...	...	...	...	...	...	...	...	...	...	...
56.00	56	...	...	...	...	...	...	...	...	...	...	...
58.00	58	...	...	...	...	...	...	...	...	...	...	...
60.00	60	...	...	...	...	...	...	...	...	...	...	...

		CLASS 600▲										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
35.00	26	35.00	4.38	4.38	27.50	26.00	28.62	7.12	31.75	28	1.75	0.50
37.50	28	37.50	4.56	4.56	29.62	28.00	30.88	7.50	34.00	28	1.88	0.50
40.25	30	40.25	4.94	5.00	31.75	30.00	33.12	8.06	36.50	28	2.00	0.50
42.75	32	42.75	5.12	5.31	33.88	32.00	35.25	8.50	38.75	28	2.12	0.50
45.75	34	45.75	5.56	5.68	36.00	34.00	37.50	9.19	41.50	24	2.38	0.56
47.75	36	47.75	5.75	5.94	38.12	36.00	39.75	9.56	43.50	28	2.38	0.56
...	38	...	...	...	...	...	...	...	...	...	...	...
...	40	...	...	...	...	...	...	...	...	...	...	...
...	42	...	...	...	...	...	...	...	...	...	...	...
...	44	...	...	...	...	...	...	...	...	...	...	...
...	46	...	...	...	...	...	...	...	...	...	...	...
...	48	...	...	...	...	...	...	...	...	...	...	...
...	50	...	...	...	...	...	...	...	...	...	...	...
...	52	...	...	...	...	...	...	...	...	...	...	...
...	54	...	...	...	...	...	...	...	...	...	...	...
...	56	...	...	...	...	...	...	...	...	...	...	...
...	58	...	...	...	...	...	...	...	...	...	...	...
...	60	...	...	...	...	...	...	...	...	...	...	...

		CLASS 900▲										
NOMINAL POINT OF WELD	SIZE	O.D.	THK (Min.) WNF	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
		O	C	C	X	A	R	Y	B.C. DIA.	QTY. & SIZE	r1	
40.25	26	40.25	5.31	6.06	29.25	26.00	30.00	10.19	35.50			

ASME B16.47 "B" Pipe Schedules (Fractional)

NOM. PIPE SIZE	NOMINAL POINT OF WELD	<u>10</u>		<u>20</u>		<u>30</u>		<u>40</u>		<u>40S</u>		<u>STD</u>		<u>80S</u>		<u>XS</u>		NOM. PIPE SIZE
		I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	I.D.	N.W.	
		26	26.00	25.376	0.312	25.000	0.500	25.250	0.375	25.250	0.375	25.000	0.500		25.000	0.500	26
28	28.00	27.376	0.312	27.000	0.500	26.750	0.625	...	...	27.250	0.375	27.250	0.375	27.000	0.500	27.000	0.500	28
30	30.00	29.376	0.312	29.000	0.500	28.750	0.625	...	...	29.250	0.375	29.250	0.375	29.000	0.500	29.000	0.500	30
32	32.00	31.376	0.312	31.000	0.500	30.750	0.625	30.624	0.688	...	...	31.250	0.375	...	...	31.000	0.500	32
34	34.00	33.376	0.312	33.000	0.500	32.750	0.625	32.624	0.688	...	...	33.250	0.375	...	...	33.000	0.500	34
36	36.00	35.376	0.312	...	...	34.750	0.625	34.500	0.750	35.250	0.375	35.250	0.375	35.000	0.500	35.000	0.500	36
38	38.00	...	...	...	...	...	...	...	...	...	...	37.250	0.375	...	...	37.000	0.500	38
40	40.00	...	...	...	...	...	...	...	...	...	...	39.250	0.375	...	...	39.000	0.500	40
42	42.00	...	...	...	...	...	...	...	...	41.250	0.375	41.250	0.375	41.000	0.500	41.000	0.500	42
44	44.00	...	...	...	...	...	...	...	...	...	...	43.250	0.375	...	...	43.000	0.500	44
46	46.00	...	...	...	...	...	...	...	...	...	...	45.250	0.375	...	...	45.000	0.500	46
48	48.00	...	...	...	...	...	...	...	...	47.250	0.375	47.250	0.375	47.000	0.500	47.000	0.500	48
50	50.00	...	...	...	...	...	...	...	...	...	...	49.250	0.375	...	...	49.000	0.500	50
52	52.00	...	...	...	...	...	...	...	...	...	...	51.250	0.375	...	...	51.000	0.500	52
54	54.00	...	...	...	...	...	...	...	...	...	...	53.250	0.375	...	...	53.000	0.500	54
56	56.00	...	...	...	...	...	...	...	...	...	...	55.250	0.375	...	...	55.000	0.500	56
58	58.00	...	...	...	...	...	...	...	...	...	...	57.250	0.375	...	...	57.000	0.500	58
60	60.00	...	...	...	...	...	...	...	...	...	...	59.250	0.375	...	...	59.000	0.500	60

F L A N G E	W E I G H T S	L B S	NOM. PIPE SIZE	CLASS 75		CLASS 150		CLASS 300		CLASS 400		CLASS 600		CLASS 900		NOM. PIPE SIZE	F L A N G E	W E I G H T S	L B S
				WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND				
				26	86.0	255.0	138.0	360.0	415.0	857.0	388.0	869.0	566.0	1155.0	1178.0				
28	94.0	291.0	159.0	438.0	454.0	967.0	477.0	1079.0	665.0	1382.0	1484.0	2582.0	28	28	28	28	28	28	
30	106.0	329.0	175.0	526.0	555.0	1178.0	556.0	1295.0	824.0	1740.0	1750.0	3105.0	30	30	30	30	30	30	
32	116.0	404.0	200.0	630.0	681.0	1476.0	656.0	1556.0	952.0	2082.0	1969.0	3626.0	32	32	32	32	32	32	
34	125.0	470.0	240.0	761.0	732.0	1630.0	712.0	1759.0	1202.0	2558.0	2332.0	4280.0	34	34	34	34	34	34	
36	167.0	608.0	273.0	866.0	822.0	1830.0	882.0	2141.0	1293.0	2894.0	2362.0	4643.0	36	36	36	36	36	36	
38	184.0	695.0	323.0	1058.0	920.0	2142.0	...	...	...	...	...	...	38	38	38	38	38	38
40	196.0	762.0	354.0	1213.0	996.0	2422.0	...	...	...	...	...	...	40	40	40	40	40	40
42	213.0	892.0	390.0	1353.0	1115.0	2738.0	...	...	...	...	...	...	42	42	42	42	42	42
44	266.0	1027.0	417.0	1536.0	1231.0	3143.0	...	...	...	...	...	...	44	44	44	44	44	44
46	286.0	1148.0	490.0	1778.0	1445.0	3600.0	...	...	...	...	...	...	46	46	46	46	46	46
48	308.0	1317.0	534.0	1997.0	1492.0	3990.0	...	...	...	...	...	...	48	48	48	48	48	48
50	335.0	1461.0	576.0	2232.0	1658.0	4408.0	...	...	...	...	...	...	50	50	50	50	50	50
52	360.0	1621.0	612.0	2486.0	1754.0	4855.0	...	...	...	...	...	...	52	52	52	52	52	52
54	390.0	1834.0	666.0	2776.0	1822.0	5416.0	...	...	...	...	...	...	54	54	54	54	54	54
56	464.0	2054.0	710.0	3068.0	2433.0	6363.0	...	...	...	...	...	...	56	56	56	56	56	56
58	493.0	2244.0	841.0	3488.0	2600.0	7013.0	...	...	...	...	...	...	58	58	58	58	58	58
60	538.0	2508.0	894.0	3827.0	2642.0	7646.0	...	...	...	...	...	...	60	60	60	60	60	60