



CLASS 75‡

NOMINAL POINT OF WELD SIZE	CLASS 75‡											
	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)	
								B.C. DIA.	QTY. & SIZE			
O	C	C	X	A	R	Y	B.C. DIA.	QTY.	SIZE	r1		
26.00	26	762.0	33.3	33.3	676.1	661.9	704.9	58.7	723.9	36	19.1	7.9
28.00	28	812.8	33.3	33.3	726.9	712.7	755.7	62.0	774.7	40	19.1	7.9
30.00	30	863.6	33.3	33.3	777.7	763.5	806.5	65.0	825.5	44	19.1	7.9
32.00	32	914.4	35.1	36.6	828.5	814.3	857.3	69.9	876.3	48	19.1	7.9
34.00	34	965.2	35.1	38.1	879.3	865.1	908.1	73.2	927.1	52	19.1	7.9
36.00	36	1033.5	36.6	42.9	935.0	915.9	965.2	85.9	992.1	40	22.4	9.7
38.00	38	1084.3	38.1	44.5	985.8	966.7	1016.0	88.9	1042.9	40	22.4	9.7
40.00	40	1135.1	38.1	44.5	1036.6	1017.5	1066.8	91.9	1093.7	44	22.4	9.7
42.00	42	1185.9	39.6	47.8	1087.4	1068.3	1117.6	95.3	1144.5	48	22.4	9.7
44.00	44	1251.0	42.9	49.3	1140.0	1119.1	1174.8	104.6	1203.5	36	25.4	9.7
46.00	46	1301.8	44.5	50.8	1190.8	1169.9	1225.6	108.0	1254.3	40	25.4	9.7
48.00	48	1352.6	46.0	53.8	1241.6	1220.7	1276.4	111.3	1305.1	44	25.4	9.7
50.00	50	1403.4	47.8	55.4	1293.9	1271.5	1327.2	115.8	1355.9	44	25.4	9.7
52.00	52	1457.5	47.8	57.2	1344.7	1322.3	1378.0	120.7	1409.7	48	25.4	9.7
54.00	54	1508.3	49.3	60.5	1397.0	1373.1	1428.8	125.5	1460.5	48	25.4	9.7
56.00	56	1574.8	50.8	62.0	1450.8	1423.9	1485.9	134.9	1521.0	40	28.4	11.2
58.00	58	1625.6	52.3	63.5	1501.6	1474.7	1536.7	138.2	1571.8	44	28.4	11.2
60.00	60	1676.4	55.6	66.5	1552.4	1525.5	1587.5	144.5	1622.6	44	28.4	11.2

CLASS 150‡

NOMINAL POINT OF WELD SIZE	CLASS 150‡											
	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)	
								B.C. DIA.	QTY. & SIZE			
O	C	C	X	A	R	Y	B.C. DIA.	QTY.	SIZE	r1		
26	26	785.9	41.1	44.5	684.3	661.9	711.2	88.9	744.5	36	22.4	9.7
28	28	836.7	44.5	47.8	735.1	712.7	762.0	95.3	795.3	40	22.4	9.7
30	30	891.3	44.5	50.8	787.4	763.5	812.8	100.1	846.1	44	22.4	9.7
32	32	941.3	46.0	53.8	839.7	814.3	863.6	108.0	900.2	48	22.4	9.7
34	34	1004.8	49.3	57.2	892.0	865.1	920.8	110.2	957.3	40	25.4	9.7
36	36	1057.1	52.3	58.7	944.6	915.9	971.6	117.3	1009.7	44	25.4	9.7
38	38	1124.0	53.8	63.5	997.0	968.2	1022.4	124.0	1069.8	40	28.4	9.7
40	40	1174.8	55.6	66.5	1049.3	1019.0	1079.5	128.5	1120.6	44	28.4	9.7
42	42	1225.6	58.7	68.3	1101.9	1069.8	1130.3	133.4	1171.4	48	28.4	11.2
44	44	1276.4	60.5	71.4	1152.7	1120.6	1181.1	136.7	1222.2	52	28.4	11.2
46	46	1341.4	62.0	74.7	1205.0	1171.4	1234.9	144.5	1284.2	40	31.8	11.2
48	48	1392.2	65.0	77.7	1257.3	1222.2	1289.1	149.4	1335.0	44	31.8	11.2
50	50	1443.0	68.3	80.8	1308.1	1273.0	1339.9	153.9	1385.8	48	31.8	11.2
52	52	1493.8	69.9	84.1	1360.4	1323.8	1390.7	157.2	1436.6	52	31.8	11.2
54	54	1549.4	71.4	87.4	1412.7	1374.6	1441.5	162.1	1492.3	56	31.8	11.2
56	56	1600.2	73.2	90.4	1465.3	1425.4	1492.3	166.6	1543.1	60	31.8	14.2
58	58	1674.9	74.7	93.5	1516.1	1476.2	1543.1	174.8	1611.4	48	35.1	14.2
60	60	1725.7	76.2	96.8	1570.0	1527.0	1600.2	179.3	1662.2	52	35.1	14.2

CLASS 300‡

NOMINAL POINT OF WELD SIZE	CLASS 300‡											
	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)	
								B.C. DIA.	QTY. & SIZE			
O	C	C	X	A	R	Y	B.C. DIA.	QTY.	SIZE	r1		
26	26	866.6	88.9	88.9	701.5	665.2	736.6	144.5	803.1	32	35.1	14.2
28	28	920.8	88.9	88.9	755.7	716.0	787.4	149.4	857.3	36	35.1	14.2
30	30	990.6	93.7	93.7	812.8	768.4	844.6	158.0	920.8	36	38.1	14.2
32	32	1054.1	103.1	103.1	863.6	819.2	901.7	168.1	977.9	32	41.1	15.7
34	34	1107.9	103.1	103.1	917.4	870.0	952.5	173.0	1031.7	36	41.1	15.7
36	36	1171.4	103.1	103.1	965.2	920.8	1009.7	180.8	1089.2	32	44.5	15.7
38	38	1222.2	111.3	111.3	1016.0	971.6	1060.5	192.0	1140.0	36	44.5	15.7
40	40	1273.0	115.8	115.8	1066.8	1022.4	1114.6	198.4	1190.8	40	44.5	15.7
42	42	1333.5	119.1	119.1	1117.6	1074.7	1168.4	204.7	1244.6	36	47.8	15.7
44	44	1384.3	127.0	127.0	1173.2	1125.5	1219.2	214.4	1295.4	40	47.8	15.7
46	46	1460.5	128.5	130.0	1228.9	1176.3	1270.0	223.8	1365.3	36	50.8	15.7
48	48	1511.3	128.5	134.9	1277.9	1227.1	1327.2	222.3	1416.1	40	50.8	15.7
50	50	1562.1	138.2	139.7	1330.5	1277.9	1378.0	235.0	1466.9	44	50.8	15.7
52	52	1612.9	142.7	144.3	1382.8	1328.7	1428.8	242.8	1517.7	48	50.8	15.7
54	54	1673.4	136.7	149.4	1435.1	1379.5	1479.6	239.8	1577.8	48	50.8	15.7
56	56	1765.3	153.9	157.0	1493.8	1430.3	1536.7	268.2	1651.0	36	60.5	17.5
58	58	1827.3	153.9	162.1	1547.9	1481.1	1593.9	274.6	1713.0	40	60.5	17.5
60	60	1878.1	150.9	166.6	1598.7	1531.9	1651.0	271.5	1763.8	40	60.5	17.5

CLASS 400▲

NOMINAL POINT OF WELD SIZE	CLASS 400▲											
	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)	
								B.C. DIA.	QTY. & SIZE			
O	C	C	X	A	R	Y	B.C. DIA.	QTY.	SIZE	r1		
26.00	26	850.9	88.9	88.9	688.8	660.4	711.2	149.4	781.1	28	38.1	11.2
28.00	28	914.4	95.3	95.3	739.6	711.2	762.0	158.8	838.2	24	41.1	12.7
30.00	30	971.6	101.6	101.6	793.8	762.0	819.2	169.9	895.4	28	41.1	12.7
32.00	32	1035.1	108.0	108.0	844.6	812.8	873.3	179.3	952.5	28	44.5	12.7
34.00	34	1085.9	111.3	111.3	898.7	863.6	927.1	187.5	1003.3	32	44.5	14.2
36.00	36	1155.7	119.1	119.1	952.5	914.4	980.9	200.2	1066.8	28	47.8	14.2
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	CLASS 600▲											
	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	POINT OF WELD	FACE DIA.	OAL W/ FACE	DRILLING			FILLET RAD. (Min.)	
								B.C. DIA.	QTY. & SIZE			
O	C	C	X	A	R	Y	B.C. DIA.	QTY.	SIZE	r1		
26	26	889.0	111.3	111.3	698.5	660.4	726.9	180.8	806.5	28	44.5	12.7
28	28	952.5	115.8	115.8	752.3	711.2	784.4	190.5	863.6	28	47.8	12.7
30	30	1022.4	125.5	127.0	806.5	762.0	841.2	204.7	927.1	28	50.8	12.7
32	32	1085.9	130.0	134.9	860.6	812.8	895.4	215.9	984.3	28	53.8	12.7
34	34	1162.1	141.2	144.3	914.4	863.6	952.5	233.4	1054.1	24	60.5	14.2
36	36	1212.9	146.1	150.9	968.2	914.4	1009.7	242.8	1104.9	28	60.5	14.2
38	38	...	...	...	...	...	...	...	...	...	...	...
40	40	...	...	...	...	...	...	...	...	...	...	...
42	42	...	...	...	...	...	...	...	...	...	...	...
44	44	...	...	...	...	...	...	...	...	...	...	...
46	46	...	...	...	...	...	...	...	...	...	...	...
48	48	...	...	...	...	...	...	...	...	...	...	...
50	50	...	...	...	...	...	...	...	...	...	...	...
52	52	...	...	...	...	...	...	...	...	...	...	...
54	54	...	...	...	...	...	...	...	...	...	...	...
56	56	...	...	...	...	...	...	...	...	...	...	...
58	58	...	...	...	...	...	...	...	...	...	...	...
60	60	...	...	...	...	...	...	...	...	...	...	...

CLASS 900▲

NOMINAL POINT OF WELD SIZE	CLASS 900▲										
	O.D.	THK (Min.) WN	THK (Min.) BLD								

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

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	660.4	644.6	7.9	635.0	12.7	641.4	9.5	641.4	9.5	635.0	12.7		635.0	12.7	26
28	711.2	695.4	7.9	685.8	12.7	679.5	15.9	...	...	692.2	9.5	692.2	9.5	685.8	12.7	685.8	12.7	28
30	762.0	746.2	7.9	736.6	12.7	730.3	15.9	...	...	743.0	9.5	743.0	9.5	736.6	12.7	736.6	12.7	30
32	812.8	797.0	7.9	787.4	12.7	781.1	15.9	777.8	17.5	...	...	793.8	9.5	...	...	787.4	12.7	32
34	863.6	847.8	7.9	838.2	12.7	831.9	15.9	828.6	17.5	...	...	844.6	9.5	...	...	838.2	12.7	34
36	914.4	898.6	7.9	...	...	882.7	15.9	876.3	19.1	895.4	9.5	895.4	9.5	889.0	12.7	889.0	12.7	36
38	965.2	...	...	...	...	...	...	...	...	...	...	946.2	9.5	...	...	939.8	12.7	38
40	1016.0	...	...	...	...	...	...	...	...	...	...	997.0	9.5	...	...	990.6	12.7	40
42	1066.8	...	...	...	...	...	...	...	...	1047.8	9.5	1047.8	9.5	1041.4	12.7	1041.4	12.7	42
44	1117.6	...	...	...	...	...	...	...	...	...	...	1098.6	9.5	...	...	1092.2	12.7	44
46	1168.4	...	...	...	...	...	...	...	...	...	...	1149.4	9.5	...	...	1143.0	12.7	46
48	1219.2	...	...	...	...	...	...	...	...	1200.2	9.5	1200.2	9.5	1193.8	12.7	1193.8	12.7	48
50	1270.0	...	...	...	...	...	...	...	...	...	...	1251.0	9.5	...	...	1244.6	12.7	50
52	1320.8	...	...	...	...	...	...	...	...	...	...	1301.8	9.5	...	...	1295.4	12.7	52
54	1371.6	...	...	...	...	...	...	...	...	...	...	1352.6	9.5	...	...	1346.2	12.7	54
56	1422.4	...	...	...	...	...	...	...	...	...	...	1403.4	9.5	...	...	1397.0	12.7	56
58	1473.2	...	...	...	...	...	...	...	...	...	...	1454.2	9.5	...	...	1447.8	12.7	58
60	1524.0	...	...	...	...	...	...	...	...	...	...	1505.0	9.5	...	...	1498.6	12.7	60

FLANGE WEIGHTS	NOM. PIPE SIZE	CLASS 75		CLASS 150		CLASS 300		CLASS 400		CLASS 600		CLASS 900		FLANGE WEIGHTS
		WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	WELD NECK	BLIND	
		26	39.0	115.8	62.7	163.4	188.4	389.1	176.2	394.5	257.0	524.4	534.8		931.2	26
28	42.7	132.1	72.2	198.9	206.1	439.0	216.6	489.9	301.9	627.4	673.7	1172.2	28	
30	48.1	149.4	79.5	238.8	252.0	534.8	252.4	587.9	374.1	790.0	794.5	1409.7	30	
32	52.7	183.4	90.8	286.0	309.2	670.1	297.8	706.4	432.2	945.2	893.9	1646.2	32	
34	56.8	213.4	109.0	345.5	332.3	740.0	323.2	798.6	545.7	1161.3	1058.7	1943.1	34	
36	75.8	276.0	123.9	393.2	373.2	830.8	400.4	972.0	587.0	1313.9	1072.3	2107.9	36	
38	83.5	315.5	146.6	480.3	417.7	972.5	...	...	...	...	...	...	38
40	89.0	345.9	160.7	550.7	452.2	1099.6	...	...	...	...	...	...	40
42	96.7	405.0	177.1	614.3	506.2	1243.1	...	...	...	...	...	...	42
44	120.8	466.3	189.3	697.3	558.9	1426.9	...	...	...	...	...	...	44
46	129.8	521.2	222.5	807.2	656.0	1634.4	...	...	...	...	...	...	46
48	139.8	597.9	242.4	906.6	677.4	1811.5	...	...	...	...	...	...	48
50	152.1	663.3	261.5	1013.3	752.7	2001.2	...	...	...	...	...	...	50
52	163.4	735.9	277.8	1128.6	796.3	2204.2	...	...	...	...	...	...	52
54	177.1	832.6	302.4	1260.3	827.2	2458.9	...	...	...	...	...	...	54
56	210.7	932.5	322.3	1392.9	1104.6	2888.8	...	...	...	...	...	...	56
58	223.8	1018.8	381.8	1583.6	1180.4	3183.9	...	...	...	...	...	...	58
60	244.3	1138.6	405.9	1737.5	1199.5	3471.3	...	...	...	...	...	...	60