



**CLASS 150#**

POINT OF WELD	S I Z E	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	FACE DIA.	OAL W/ FACE	DRILLING			FILLET (RTJ FACE)		
								B.C. DIA.	QTY. & SIZE	r1	HEIGHT (E)	DIA. [min.] (K)	
													O
26.00	26	34.25	2.69	2.69	26.62	29.50	4.75	31.75	24	1.38	0.38	...	...
28.00	28	36.50	2.81	2.81	28.62	31.50	4.94	34.00	28	1.38	0.44	...	...
30.00	30	38.75	2.94	2.94	30.75	33.75	5.38	36.00	28	1.38	0.44	...	...
32.00	32	41.75	3.19	3.19	32.75	36.00	5.69	38.50	28	1.62	0.44	...	...
34.00	34	43.75	3.25	3.25	34.75	38.00	5.88	40.50	32	1.62	0.50	...	...
36.00	36	46.00	3.56	3.56	36.75	40.25	6.19	42.75	32	1.62	0.50	...	...
38.00	38	48.75	3.44	3.44	39.00	42.25	6.19	45.25	32	1.62	0.50	...	...
40.00	40	50.75	3.56	3.56	41.00	44.25	6.44	47.25	36	1.62	0.50	...	...
42.00	42	53.00	3.81	3.81	43.00	47.00	6.75	49.50	36	1.62	0.50	...	...
44.00	44	55.25	4.00	4.00	45.00	49.00	7.00	51.75	40	1.62	0.50	...	...
46.00	46	57.25	4.06	4.06	47.12	51.00	7.31	53.75	40	1.62	0.50	...	...
48.00	48	59.50	4.25	4.25	49.12	53.50	7.56	56.00	44	1.62	0.50	...	...
50.00	50	61.75	4.38	4.38	51.25	55.50	8.00	58.25	44	1.88	0.50	...	...
52.00	52	64.00	4.56	4.56	53.25	57.50	8.25	60.50	44	1.88	0.50	...	...
54.00	54	66.25	4.75	4.75	55.25	59.50	8.50	62.75	44	1.88	0.50	...	...
56.00	56	68.75	4.88	4.88	57.38	62.00	9.00	65.00	48	1.88	0.50	...	...
58.00	58	71.00	5.06	5.06	59.38	64.00	9.25	67.25	48	1.88	0.50	...	...
60.00	60	73.00	5.19	5.19	61.38	66.00	9.44	69.25	52	1.88	0.50	...	...

**CLASS 300#**

POINT OF WELD	S I Z E	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	FACE DIA.	OAL W/ FACE	DRILLING			FILLET (RTJ FACE)		
								B.C. DIA.	QTY. & SIZE	r1	HEIGHT (E)	DIA. [min.] (K)	
													O
26	26	38.25	3.12	3.31	28.38	29.50	7.25	34.50	28	1.75	0.38	0.500	31.88
28	28	40.75	3.38	3.56	30.50	31.50	7.75	37.00	28	1.75	0.44	0.500	33.88
30	30	43.00	3.62	3.75	32.56	33.75	8.25	39.25	28	1.88	0.44	0.500	36.12
32	32	45.25	3.88	3.94	34.69	36.00	8.75	41.50	28	2.00	0.44	0.562	38.75
34	34	47.50	4.00	4.12	36.88	38.00	9.12	43.50	28	2.00	0.50	0.562	40.75
36	36	50.00	4.12	4.38	39.00	40.25	9.50	46.00	32	2.12	0.50	0.562	43.00
38	38	46.00	4.25	4.25	39.12	40.50	7.12	43.00	32	1.62	0.50	...	...
40	40	48.75	4.50	4.50	41.25	42.75	7.62	45.50	32	1.75	0.50	...	...
42	42	50.75	4.69	4.69	43.25	44.75	7.88	47.50	32	1.75	0.50	...	...
44	44	53.25	4.88	4.88	45.25	47.00	8.12	49.75	32	1.88	0.50	...	...
46	46	55.75	5.06	5.06	47.38	49.00	8.50	52.00	28	2.00	0.50	...	...
48	48	57.75	5.25	5.25	49.38	51.25	8.81	54.00	32	2.00	0.50	...	...
50	50	60.25	5.50	5.50	51.38	53.50	9.12	56.25	32	2.12	0.50	...	...
52	52	62.25	5.69	5.69	53.38	55.50	9.38	58.25	32	2.12	0.50	...	...
54	54	65.25	6.00	6.00	55.50	57.75	9.94	61.00	28	2.38	0.50	...	...
56	56	67.25	6.06	6.06	57.62	59.75	10.25	63.00	28	2.38	0.50	...	...
58	58	69.25	6.25	6.25	59.62	62.00	10.50	65.00	32	2.38	0.50	...	...
60	60	71.25	6.44	6.44	61.62	64.00	10.75	67.00	32	2.38	0.50	...	...

**CLASS 400#**

POINT OF WELD	S I Z E	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	FACE DIA.	OAL W/ FACE	DRILLING			FILLET (RTJ FACE)		
								B.C. DIA.	QTY. & SIZE	r1	HEIGHT (E)	DIA. [min.] (K)	
													O
26	26	38.25	3.50	3.88	28.62	29.50	7.62	34.50	28	1.88	0.44	0.500	31.88
28	28	40.75	3.75	4.12	30.81	31.50	8.12	37.00	28	2.00	0.50	0.500	33.88
30	30	43.00	4.00	4.38	32.94	33.75	8.62	39.25	28	2.12	0.50	0.500	36.12
32	32	45.25	4.25	4.56	35.00	36.00	9.12	41.50	28	2.12	0.50	0.562	38.75
34	34	47.50	4.38	4.81	37.19	38.00	9.50	43.50	28	2.12	0.56	0.562	40.75
36	36	50.00	4.50	5.06	39.38	40.25	9.88	46.00	32	2.12	0.56	0.562	43.00
38	38	47.50	4.88	4.88	39.50	40.75	8.12	44.00	32	1.88	0.56	...	...
40	40	50.00	5.12	5.12	41.50	43.00	8.50	46.25	32	2.00	0.56	...	...
42	42	52.00	5.25	5.25	43.62	45.00	8.81	48.25	32	2.00	0.56	...	...
44	44	54.50	5.50	5.50	45.62	47.25	9.18	50.50	32	2.12	0.56	...	...
46	46	56.75	5.75	5.75	47.75	49.50	9.62	52.75	36	2.12	0.56	...	...
48	48	59.50	6.00	6.00	49.88	51.50	10.12	55.25	28	2.38	0.56	...	...
50	50	61.75	6.19	6.25	52.00	53.62	10.56	57.50	32	2.38	0.56	...	...
52	52	63.75	6.38	6.44	54.00	55.62	10.88	59.50	32	2.38	0.56	...	...
54	54	67.00	6.69	6.75	56.12	57.88	11.38	62.25	28	2.62	0.56	...	...
56	56	69.00	6.88	6.94	58.25	60.12	11.75	64.25	32	2.62	0.56	...	...
58	58	71.00	7.00	7.12	60.25	62.12	12.06	66.25	32	2.62	0.56	...	...
60	60	74.25	7.31	7.44	62.38	64.38	12.56	69.00	32	2.88	0.56	...	...

**CLASS 600#**

POINT OF WELD	S I Z E	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	FACE DIA.	OAL W/ FACE	DRILLING			FILLET (RTJ FACE)		
								B.C. DIA.	QTY. & SIZE	r1	HEIGHT (E)	DIA. [min.] (K)	
													O
26.00	26	40.00	4.25	4.94	29.44	29.50	8.75	36.00	28	2.00	0.50	0.500	31.88
28.00	28	42.25	4.38	5.19	31.62	31.50	9.25	38.00	28	2.12	0.50	0.500	33.88
30.00	30	44.50	4.50	5.50	33.94	33.75	9.75	40.25	28	2.12	0.50	0.500	36.12
32.00	32	47.00	4.62	5.81	36.12	36.00	10.25	42.50	28	2.38	0.50	0.562	38.75
34.00	34	49.00	4.75	6.06	38.31	38.00	10.62	44.50	28	2.38	0.56	0.562	40.75
36.00	36	51.75	4.88	6.38	40.62	40.25	11.12	47.00	28	2.62	0.56	0.562	43.00
38.00	38	50.00	6.00	6.12	40.25	41.50	10.00	45.75	28	2.38	0.56	...	...
40.00	40	52.00	6.25	6.38	42.25	43.75	10.38	47.75	32	2.38	0.56	...	...
42.00	42	55.25	6.62	6.75	44.38	46.00	11.00	50.50	28	2.62	0.56	...	...
44.00	44	57.25	6.81	7.00	46.50	48.25	11.38	52.50	32	2.62	0.56	...	...
46.00	46	59.50	7.06	7.31	48.62	50.25	11.81	54.75	32	2.62	0.56	...	...
48.00	48	62.75	7.44	7.69	50.75	52.50	12.44	57.50	32	2.88	0.56	...	...
50.00	50	65.75	7.75	8.00	52.88	54.50	12.94	60.00	28	3.12	0.56	...	...
52.00	52	67.75	8.00	8.25	54.88	56.50	13.25	62.00	32	3.12	0.56	...	...
54.00	54	70.00	8.25	8.56	57.00	58.75	13.75	64.25	32	3.12	0.56	...	...
56.00	56	73.00	8.56	8.88	59.12	60.75	14.25	66.75	32	3.38	0.62	...	...
58.00	58	75.00	8.75	9.12	61.12	63.00	14.56	68.75	32	3.38	0.62	...	...
60.00	60	78.50	9.19	9.56	63.38	65.25	15.31	71.75	28	3.62	0.69	...	...

**CLASS 900#**

POINT OF WELD	S I Z E	O.D.	THK (Min.) WN	THK (Min.) BLD	DIA. OF HUB	FACE DIA.	OAL W/ FACE	DRILLING			FILLET (RTJ FACE)		
								B.C. DIA.	QTY. & SIZE	r1	HEIGHT (E)	DIA. [min.] (K)	
													O
26	26	42.75	5.50	6.31	30.50	29.50	11.25	37.50	20	2.88	0.44	0.688	32.75
28	28	46.00	5.62	6.75	32.75	31.50	11.75	40.25	20	3.12	0.50	0.688	35.00
30	30	48.50	5.88	7.18	35.00	33.75	12.25	42.75	20	3.12	0.50	0.688	37.25
32	32	51.75	6.25	7.62	37.25	36.00	13.00	45.50	20	3.38	0.50	0.688	39.50
34	34	55.00	6.50	8.06	39.62	38.00	13.75	48.25	20	3.62	0.56	0.812	42.00
36	36	57.50	6.75	8.44	41.88	40.25	14.25	50.75	20	3.62	0.56	0.812	44.25
38	38	57.50	7.50	8.50	42.25	43.25	13.88	50.75	20	3.62	0.75	...	...
40	40	59.50	7.75	8.81	44.38	45.75	14.31	52.75	24	3.62	0.81	...	...
42	42	61.50	8.12	9.12	46.31	47.75	14.62	54.75	24	3.62	0.81	...	...
44	44	64.88	8.44	9.56	48.62	50.00	15.38	57.62	24	3.88	0.88	...	...
46	46	68.25	8.88	10.06	50.88	52.50	16.18	60.50	24	4.12	0.88	...	...
48	48	70.25	9.19	10.38	52.88								

# ASME B16.47 "A" 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	
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

FLANGE WEIGHTS	NOM. PIPE SIZE	CLASS 150				CLASS 300				CLASS 400				CLASS 600				CLASS 900				NOM. PIPE SIZE
		WELD NECK	SLIP-ON †	LAP JOINT †	BLIND	WELD NECK	SLIP-ON †	LAP JOINT †	BLIND	WELD NECK	SLIP-ON †	LAP JOINT †	BLIND	WELD NECK	SLIP-ON †	LAP JOINT †	BLIND	WELD NECK	SLIP-ON †	LAP JOINT †	BLIND	
		26	324	283	286	705	615	584	588	1049	686	...	...	1249	958	...	...	1718	1483	...	...	
28	369	347	349	834	746	716	721	1286	814	...	...	1499	1076	...	...	1997	1746	...	...	2971	28	
30	431	409	412	987	857	828	836	1505	936	...	...	1771	1221	1230	1216	2362	2019	...	...	3544	30	
32	539	498	502	1227	986	949	957	1746	1080	...	...	2052	1362	...	...	2755	2417	...	...	4261	32	
34	577	553	557	1374	1107	1061	1069	2019	1213	...	...	2395	1496	...	...	3138	2836	...	...	5076	34	
36	681	653	658	1665	1229	1187	1197	2357	1361	...	...	2780	1697	...	...	3659	3204	...	...	5853	36	
38	762	770	776	1817	679	677	688	1978	925	...	...	2454	1429	...	...	3319	3126	...	...	5906	38	
40	820	830	836	2032	822	828	840	2343	1063	...	...	2842	1535	...	...	3727	3305	...	...	6488	40	
42	939	950	956	2376	899	909	922	2652	1152	...	...	3164	1902	...	...	4459	3600	...	...	7213	42	
44	1045	1031	1038	2704	1021	1042	1057	3031	1312	...	...	3628	2018	...	...	4940	4193	...	...	8379	44	
46	1116	1144	1152	2953	1179	1212	1230	3453	1456	...	...	4099	2241	...	...	5593	4903	...	...	9729	46	
48	1234	1269	1277	3335	1258	1290	1304	3835	1718	...	...	4717	2656	...	...	6490	5266	...	...	10689	48	
50	1326	...	...	3667	1425	...	...	4361	1869	...	...	5269	3105	...	...	7473	...	...	...	...	50	
52	1465	...	...	4105	1533	...	...	4824	2005	...	...	5797	3258	...	...	8093	...	...	...	...	52	
54	1618	...	...	4592	1842	...	...	5582	2424	...	...	6708	3570	...	...	8999	...	...	...	...	54	
56	1799	...	...	5075	1944	...	...	6000	2644	...	...	7285	4023	...	...	10086	...	...	...	...	56	
58	1968	...	...	5617	2044	...	...	6543	2699	...	...	7925	4265	...	...	10967	...	...	...	...	58	
60	2069	...	...	6081	2178	...	...	7147	3152	...	...	8998	5139	...	...	12647	...	...	...	...	60	

† Per Tube Turns MSS-SP44  
‡ Per Taylor Forge #571