



U.S. Gallons Per Head

Gallons represented are approximate and do not include the straight flange.

ID	Elliptical	ASME F&D	Hemispherical	Dished Only	80/10	Standard F&D	ID
12	0.98	0.61	1.96	0.4	0.87	0.61	12
18	3.31	2.07	6.61	1.36	3.06	2.07	18
24	7.83	4.91	15.67	3.22	7.19	4.91	24
30	15.3	10.25	30.6	6.3	12.84	7.62	30
36	26.44	16.58	52.88	10.88	22.88	12.79	36
42	41.99	27.62	83.97	17.28	35.75	19.87	42
48	62.67	39.31	125.34	25.79	53.68	29.18	48
54	89.23	58.1	178.46	36.72	76.78	41.01	54
60	122.41	76.78	244.8	50.37	105.73	55.67	60
66	162.92	103.25	325.83	67.05	142.61	75.59	66
72	211.52	135.19	423.01	87.04	179.03	97.21	72
78	268.93	167.2	537.82	110.67	228.55	122.6	78
84	335.89	217.54	671.73	138.22	285.01	152.07	84
90	413.12	261.09	826.2	170.01	360.21	185.9	90
96	501.38	323.45	1002.7	206.33	429.43	224.41	96
102	601.39	379.74	1202.7	247.48	520.65	267.89	102
108	719.88	442.08	1427.67	293.77	604.59	316.66	108
114	839.59	529.78	1679.08	345.51	718.48	402.85	114
120	979.26	607.21	1958.39	402.98	821.83	466.52	120
126	1133.61	714.9	2267.08	466.5	979.42	536.56	126
132	1303.39	809.04	2606.62	536.37	1106.13	613.26	132
138	1489.33	934.15	2978.47	612.88	1258.85	696.93	138
144	1692.16	1051.27	3384.1	696.35	1476.76	787.87	144
150	1912.61	1227.02	3824.99	787.07	1642.63	886.38	150
156	2151.43	1361.28	4302.59	885.35	1828.42	992.76	156
162	2409.34	1504.82	4818.38	991.49	2193.16	1107.32	162
168	2687.08	1712.89	5373.83	1105.78	2409.23	1230.36	168
174	2985.39	1879.89	5970.4	1228.54	2638.61	1362.17	174
180	3304.99	2057.21	6609.57	1360.06	2881.68	1503.08	180
186	3646.63	2312.53	7292.81	1500.65	3150.28	1653.36	186
192	4011.04	2515.83	8021.58	1650.61	3422.79	1813.34	192
198	4398.95	2730.51	8797.34	1810.24	3710.18	1983.3	198
204	4811.09	3078.42	9621.58	1979.85	4040.51	2163.55	204
210	5248.21	3324.02	10495.76	2159.73	4404.5	2354.4	210
216	5711.03	3582.12	11421.34	2350.19	4805.78	2556.15	216
222	6200.29	3853	12399.81	2551.53	5213.69	2769.09	222
228	6716.73	4187.61	13432.61	2764.05	5644.08	2993.54	228
234	7261.07	4700.9	14521.23	2988.06	6097.53	3229.79	234
240	7834.06	5025.88	15667.14	3223.85	6574.65	3478.14	240



Circumference Chart

Diameter	Circumference
53.00	13' 10-1/2"
53.25	13' 11-5/16"
53.50	14' 0-1/16"
53.75	14' 0-7/8"
54.00	14' 1-5/8"
54.25	14' 2-7/16"
54.50	14' 3-3/16"
54.75	14' 4"
55.00	14' 4-13/16"
55.25	14' 5-9/16"
55.50	14' 6-3/8"
55.75	14' 7-1/8"
56.00	14' 7-15/16"
56.25	14' 8-11/16"
56.50	14' 9-1/2"
56.75	14' 10-5/16"
57.00	14' 11-1/16"
57.25	14' 11-7/8"
57.50	15' 0-5/8"
57.75	15' 1-7/16"
58.00	15' 2-3/16"
58.25	15' 3"
58.50	15' 3-13/16"
58.75	15' 4-9/16"
59.00	15' 5-3/8"
59.25	15' 6-1/8"
59.50	15' 6-15/16"
59.75	15' 7-11/16"
60.00	15' 8-1/2"
60.25	15' 9-5/16"
60.50	15' 10-1/16"
60.75	15' 10-7/8"
61.00	15' 11-5/8"
61.25	16' 0-7/16"
61.50	16' 1-3/16"
61.75	16'-2"
62.00	16' 2-3/4"
62.25	16' 3-9/16"
62.50	16' 4-3/8"
62.75	16' 5-1/8"
63.00	16' 5-15/16"

Diameter	Circumference
63.25	16' 6-11/16"
63.50	16' 7-1/2"
63.75	16' 8-1/4"
64.00	16' 9-1/16"
64.25	16' 9-7/8"
64.50	16' 10-5/8"
64.75	16' 11-7/16"
65.00	17' 0-3/16"
65.25	17' 1"
65.50	17' 1-3/4"
65.75	17' 2-9/16"
66.00	17' 3-3/8"
66.25	17' 4-1/8"
66.50	17' 4-15/16"
66.75	17' 5-11/16"
67.00	17' 6-1/2"
67.25	17' 7-1/4"
67.50	17' 8-1/16"
67.75	17' 8-13/16"
68.00	17' 9-5/8"
68.25	17' 10-7/16"
68.50	17' 11-3/16"
68.75	17'-12"
69.00	18' 0-3/4"
69.25	18' 1-9/16"
69.50	18' 2-5/16"
69.75	18' 3-1/8"
70.00	18' 3-15/16"
70.25	18' 4-11/16"
70.50	18' 5-1/2"
70.75	18' 6-1/4"
71.00	18' 7-1/16"
71.25	18' 7-13/16"
71.50	18' 8-5/8"
71.75	18' 9-7/16"
72.00	18' 10-3/16"
72.50	18' 11-3/4"
73.00	19' 1-5/16"
73.50	19' 2-15/16"
74.00	19' 4-1/2"
74.50	19' 6-1/16"

Diameter	Circumference
75.00	19' 7-5/8"
75.50	19' 9-3/16"
76.00	19' 10-3/4"
76.50	20' 0-5/16"
77.00	20' 1-7/8"
77.50	20' 3-1/2"
78.00	20' 5-1/16"
78.50	20' 6-5/8"
79.00	20' 8-3/16"
79.50	20' 9-3/4"
80.00	20' 11-5/16"
80.50	21' 0-7/8"
81.00	21' 2-1/2"
81.50	21' 4-1/16"
82.00	21' 5-5/8"
82.50	21' 7-3/16"
83.00	21' 8-3/4"
83.50	21' 10-5/16"
84.00	21' 11-7/8"
84.50	22' 1-7/16"
85.00	22' 3-1/16"
85.50	22' 4-5/8"
86.00	22' 6-3/16"
86.50	22' 7-3/4"
87.00	22' 9-5/16"
87.50	22' 10-7/8"
88.00	23' 0-7/16"
88.50	23' 2-1/16"
89.00	23' 3-5/8"
89.50	23' 5-3/16"
90.00	23' 6-3/4"
90.50	23' 8-5/16"
91.00	23' 9-7/8"
91.50	23' 11-7/16"
92.00	24' 1"
92.50	24' 2-5/8"
93.00	24' 4-3/16"
93.50	24' 5-3/4"
94.00	24' 7-5/16"
94.50	24' 8-7/8"
95.00	24' 10-7/16"

Diameter	Circumference
95.50	25' 0"
96.00	25' 1-9/16"
96.50	25' 3-3/16"
97.00	25' 4-3/4"
97.50	25' 6-5/16"
98.00	25' 7-7/8"
98.50	25' 9-7/16"
99.00	25' 11"
99.50	26' 0-9/16"
100.00	26' 2-3/16"
100.50	26' 3-3/4"
101.00	26' 5-5/16"
101.50	26' 6-7/8"
102.00	26' 8-7/16"
102.50	26' 10"
103.00	26' 11-9/16"
103.50	27' 1-1/8"
104.00	27' 2-3/4"
104.50	27' 4-5/16"
105.00	27' 5-7/8"
105.50	27' 7-7/16"
106.00	27' 9"
106.50	27' 10-9/16"
107.00	28' 0-1/8"
107.50	28' 1-3/4"
108.00	28' 3-5/16"
108.50	28' 4-7/8"
109.00	28' 6-7/16"
109.50	28' 8"
110.00	28' 9-9/16"
110.50	28' 11-1/8"
111.00	29' 0-11/16"
111.50	29' 2-5/16"
112.00	29' 3-7/8"
112.50	29' 5-7/16"
113.00	29' 7"
113.50	29' 8-9/16"
114.00	29' 10-1/8"
114.50	29' 11-11/16"
115.00	30' 1-5/16"
115.50	30' 2-7/8"



Circumference Chart

Diameter	Circumference
116.00	30' 4-7/16"
116.50	30' 6"
117.00	30' 7-9/16"
117.50	30' 9-1/8"
118.00	30' 10-11/16"
118.50	31' 0-1/4"
119.00	31' 1-7/8"
119.50	31' 3-7/16"
120.00	31' 5"
120.50	31' 6-9/16"
121.00	31' 8-1/8"
121.50	31' 9-11/16"
122.00	31' 11-1/4"
122.50	32' 0-7/8"
123.00	32' 2-7/16"
123.50	32' 4"
124.00	32' 5-9/16"
124.50	32' 7-1/8"
125.00	32' 8-11/16"
125.50	32' 10-1/4"
126.00	32' 11-13/16"
126.50	33' 1-7/16"
127.00	33' 3"
127.50	33' 4-9/16"
128.00	33' 6-1/8"
128.50	33' 7-11/16"
129.00	33' 9-1/4"
129.50	33' 10-13/16"
130.00	34' 0-7/16"
130.50	34' 2"
131.00	34' 3-9/16"
131.50	34' 5-1/8"
132.00	34' 6-11/16"
132.50	34' 8-1/4"
133.00	34' 9-13/16"
133.50	34' 11-3/8"
134.00	35' 1"
134.50	35' 2-9/16"
135.00	35' 4-1/8"
135.50	35' 5-11/16"
136.00	35' 7-1/4"

Diameter	Circumference
136.50	35' 8-13/16"
137.00	35' 10-3/8"
137.50	35' 12"
138.00	36' 1-9/16"
138.50	36' 3-1/8"
139.00	36' 4-11/16"
139.50	36' 6-1/4"
140.00	36' 7-13/16"
140.50	36' 9-3/8"
141.00	36' 10-15/16"
141.50	37' 0-9/16"
142.00	37' 2-1/8"
142.50	37' 3-11/16"
143.00	37' 5-1/4"
143.50	37' 6-13/16"
144.00	37' 8-3/8"
144.50	37' 9-15/16"
145.00	37' 11-9/16"
145.50	38' 1-1/8"
146.00	38' 2-11/16"
146.50	38' 4-1/4"
147.00	38' 5-13/16"
147.50	38' 7-3/8"
148.00	38' 8-15/16"
148.50	38' 10-1/2"
149.00	39' 0-1/8"
149.50	39' 1-11/16"
150.00	39' 3-1/4"
150.50	39' 4-13/16"
151.00	39' 6-3/8"
151.50	39' 7-15/16"
152.00	39' 9-1/2"
152.50	39' 11-1/8"
153.00	40' 0-11/16"
153.50	40' 2-1/4"
154.00	40' 3-13/16"
154.50	40' 5-3/8"
155.00	40' 6-15/16"
155.50	40' 8-1/2"
156.00	40' 10-1/16"
156.50	40' 11-11/16"

Diameter	Circumference
157.00	41' 1-1/4"
157.50	41' 2-13/16"
158.00	41' 4-3/8"
158.50	41' 5-15/16"
159.00	41' 7-1/2"
159.50	41' 9-1/16"
160.00	41' 10-5/8"
160.50	42' 0-1/4"
161.00	42' 1-13/16"
161.50	42' 3-3/8"
162.00	42' 4-15/16"
162.50	42' 6-1/2"
163.00	42' 8-1/16"
163.50	42' 9-5/8"
164.00	42' 11-1/4"
164.50	43' 0-13/16"
165.00	43' 2-3/8"
165.50	43' 3-15/16"
166.00	43' 5-1/2"
166.50	43' 7-1/16"
167.00	43' 8-5/8"
167.50	43' 10-3/16"
168.00	43' 11-13/16"
168.50	44' 1-3/8"
169.00	44' 2-15/16"
169.50	44' 4-1/2"
170.00	44' 6-1/16"
170.50	44' 7-5/8"
171.00	44' 9-3/16"
171.50	44' 10-13/16"
172.00	45' 0-3/8"
172.50	45' 1-15/16"
173.00	45' 3-1/2"
173.50	45' 5-1/16"
174.00	45' 6-5/8"
174.50	45' 8-3/16"
175.00	45' 9-3/4"
175.50	45' 11-3/8"
176.00	46' 0-15/16"
176.50	46' 2-1/2"
177.00	46' 4-1/16"

Diameter	Circumference
177.50	46' 5-5/8"
178.00	46' 7-3/16"
178.50	46' 8-3/4"
179.00	46' 10-3/8"
179.50	46' 11-15/16"
180.00	47' 1-1/2"
180.50	47' 3-1/16"
181.00	47' 4-5/8"
181.50	47' 6-3/16"
182.00	47' 7-3/4"
182.50	47' 9-5/16"
183.00	47' 10-15/16"
183.50	48' 0-1/2"
184.00	48' 2-1/16"
184.50	48' 3-5/8"
185.00	48' 5-3/16"
185.50	48' 6-3/4"
186.00	48' 8-5/16"
186.50	48' 9-15/16"
187.00	48' 11-1/2"
187.50	49' 1-1/16"
188.00	49' 2-5/8"
188.50	49' 4-3/16"
189.00	49' 5-3/4"
189.50	49' 7-5/16"
190.00	49' 8-7/8"
190.50	49' 10-1/2"
191.00	50' 0-1/16"
191.50	50' 1-5/8"
192.00	50' 3-3/16"
192.50	50' 4-3/4"
193.00	50' 6-5/16"
193.50	50' 7-7/8"
194.00	50' 9-1/2"
194.50	50' 11-1/16"
195.00	51' 0-5/8"
195.50	51' 2-3/16"
196.00	51' 3-3/4"
196.50	51' 5-5/16"
197.00	51' 6-7/8"
197.50	51' 8-7/16"



Circumference Chart

Diameter	Circumference
198.00	51' 10-1/16"
198.50	51' 11-5/8"
199.00	52' 1-3/16"
199.50	52' 2-3/4"
200.00	52' 4-5/16"
200.50	52' 5-7/8"
201.00	52' 7-7/16"
201.50	52' 9-1/16"
202.00	52' 10-5/8"
202.50	53' 0-3/16"
203.00	53' 1-3/4"
203.50	53' 3-5/16"
204.00	53' 4-7/8"
204.50	53' 6-7/16"
205.00	53' 8"
205.50	53' 9-5/8"
206.00	53' 11-3/16"
206.50	54' 0-3/4"
207.00	54' 2-5/16"
207.50	54' 3-7/8"
208.00	54' 5-7/16"
208.50	54' 7"
209.00	54' 8-5/8"
209.50	54' 10-3/16"
210.00	54' 11-3/4"
210.50	55' 1-5/16"
211.00	55' 2-7/8"
211.50	55' 4-7/16"
212.00	55' 6"
212.50	55' 7-9/16"
213.00	55' 9-3/16"
213.50	55' 10-3/4"
214.00	56' 0-5/16"
214.50	56' 1-7/8"
215.00	56' 3-7/16"
215.50	56' 5"
216.00	56' 6-9/16"
216.50	56' 8-3/16"
217.00	56' 9-3/4"
217.50	56' 11-5/16"
218.00	57' 0-7/8"

Diameter	Circumference
218.50	57' 2-7/16"
219.00	57' 4"
219.50	57' 5-9/16"
220.00	57' 7-1/8"
220.50	57' 8-3/4"
221.00	57' 10-5/16"
221.50	57' 11-7/8"
222.00	58' 1-7/16"
222.50	58' 3"
223.00	58' 4-9/16"
223.50	58' 6-1/8"
224.00	58' 7-11/16"
224.50	58' 9-5/16"
225.00	58' 10-7/8"
225.50	59' 0-7/16"
226.00	59' 2"
226.50	59' 3-9/16"
227.00	59' 5-1/8"
227.50	59' 6-11/16"
228.00	59' 8-5/16"
228.50	59' 9-7/8"
229.00	59' 11-7/16"
229.50	60' 1"
230.00	60' 2-9/16"
230.50	60' 4-1/8"
231.00	60' 5-11/16"
231.50	60' 7-1/4"
232.00	60' 8-7/8"
232.50	60' 10-7/16"
233.00	60' 12"
233.50	61' 1-9/16"
234.00	61' 3-1/8"
234.50	61' 4-11/16"
235.00	61' 6-1/4"
235.50	61' 7-7/8"
236.00	61' 9-7/16"
236.50	61' 11"
237.00	62' 0-9/16"
237.50	62' 2-1/8"
238.00	62' 3-11/16"
238.50	62' 5-1/4"

Diameter	Circumference
239.00	62' 6-13/16"
239.50	62' 8-7/16"
240.00	62' 10"
240.50	62' 11-9/16"
241.00	63' 1-1/8"
241.50	63' 2-11/16"
242.00	63' 4-1/4"
242.50	63' 5-13/16"
243.00	63' 7-7/16"
243.50	63' 9"
244.00	63' 10-9/16"
244.50	64' 0-1/8"
245.00	64' 1-11/16"
245.50	64' 3-1/4"
246.00	64' 4-13/16"
246.50	64' 6-3/8"
247.00	64' 8"
247.50	64' 9-9/16"
248.00	64' 11-1/8"
248.50	65' 0-11/16"
249.00	65' 2-1/4"
249.50	65' 3-13/16"
250.00	65' 5-3/8"
250.50	65' 7"
251.00	65' 8-9/16"
251.50	65' 10-1/8"
252.00	65' 11-11/16"
252.50	66' 1-1/4"
253.00	66' 2-13/16"
253.50	66' 4-3/8"
254.00	66' 5-15/16"
254.50	66' 7-9/16"
255.00	66' 9-1/8"
255.50	66' 10-11/16"
256.00	67' 0-1/4"
256.50	67' 1-13/16"
257.00	67' 3-3/8"
257.50	67' 4-15/16"
258.00	67' 6-9/16"
258.50	67' 8-1/8"
259.00	67' 9-11/16"