

PFEIFER INDUSTRIES, LLC.

2180 Corporate Lane, Suite 104 ~ Naperville, IL 60563-1639 USA

Phone (630) 596-9000 Fax (630) 596-9002

E-mail: info@pfeiferindustries.com Web site: www.pfeiferindustries.com

3/8" (0.375") - L

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
8 teeth				
9 teeth				
10 teeth	1.194"	1.164"	30.32mm	29.56mm
11 teeth	1.313"	1.283"	33.35mm	32.59mm
12 teeth	1.432"	1.402"	36.38mm	35.62mm
13 teeth	1.552"	1.522"	39.41mm	38.65mm
14 teeth	1.671"	1.641"	42.45mm	41.68mm
15 teeth	1.790"	1.760"	45.48mm	44.72mm
16 teeth	1.910"	1.880"	48.51mm	47.75mm
17 teeth	2.029"	1.999"	51.54mm	50.78mm
18 teeth	2.149"	2.119"	54.57mm	53.81mm
19 teeth	2.268"	2.238"	57.61mm	56.84mm
20 teeth	2.387"	2.357"	60.64mm	59.88mm
21 teeth	2.507"	2.477"	63.67mm	62.91mm
22 teeth	2.626"	2.596"	66.70mm	65.94mm
23 teeth	2.745"	2.715"	69.73mm	68.97mm
24 teeth	2.865"	2.835"	72.77mm	72.00mm
25 teeth	2.984"	2.954"	75.80mm	75.04mm
26 teeth	3.104"	3.074"	78.83mm	78.07mm
27 teeth	3.223"	3.193"	81.86mm	81.10mm
28 teeth	3.342"	3.312"	84.89mm	84.13mm
29 teeth	3.462"	3.432"	87.93mm	87.16mm
30 teeth	3.581"	3.551"	90.96mm	90.20mm
31 teeth	3.700"	3.670"	93.99mm	93.23mm
32 teeth	3.820"	3.790"	97.02mm	96.26mm
33 teeth	3.939"	3.909"	100.05mm	99.29mm
34 teeth	4.058"	4.028"	103.08mm	102.32mm
35 teeth	4.178"	4.148"	106.12mm	105.35mm
36 teeth	4.297"	4.267"	109.15mm	108.39mm
37 teeth	4.417"	4.387"	112.18mm	111.42mm
38 teeth	4.536"	4.506"	115.21mm	114.45mm
39 teeth	4.655"	4.625"	118.24mm	117.48mm
40 teeth	4.775"	4.745"	121.28mm	120.51mm
41 teeth	4.894"	4.864"	124.31mm	123.55mm
42 teeth	5.013"	4.983"	127.34mm	126.58mm
43 teeth	5.133"	5.103"	130.37mm	129.61mm
44 teeth	5.252"	5.222"	133.40mm	132.64mm
45 teeth	5.371"	5.341"	136.44mm	135.67mm
46 teeth	5.491"	5.461"	139.47mm	138.71mm
47 teeth	5.610"	5.580"	142.50mm	141.74mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
48 teeth	5.730"	5.700"	145.53mm	144.77mm
49 teeth	5.849"	5.819"	148.56mm	147.80mm
50 teeth	5.968"	5.938"	151.60mm	150.83mm
51 teeth	6.088"	6.058"	154.63mm	153.87mm
52 teeth	6.207"	6.177"	157.66mm	156.90mm
53 teeth	6.326"	6.296"	160.69mm	159.93mm
54 teeth	6.446"	6.416"	163.72mm	162.96mm
55 teeth	6.565"	6.535"	166.75mm	165.99mm
56 teeth	6.685"	6.655"	169.79mm	169.02mm
57 teeth	6.804"	6.774"	172.82mm	172.06mm
58 teeth	6.923"	6.893"	175.85mm	175.09mm
59 teeth	7.043"	7.013"	178.88mm	178.12mm
60 teeth	7.162"	7.132"	181.91mm	181.15mm
61 teeth	7.281"	7.251"	184.95mm	184.18mm
62 teeth	7.401"	7.371"	187.98mm	187.22mm
63 teeth	7.520"	7.490"	191.01mm	190.25mm
64 teeth	7.639"	7.609"	194.04mm	193.28mm
65 teeth	7.759"	7.729"	197.07mm	196.31mm
66 teeth	7.878"	7.848"	200.11mm	199.34mm
67 teeth	7.998"	7.968"	203.14mm	202.38mm
68 teeth	8.117"	8.087"	206.17mm	205.41mm
69 teeth	8.236"	8.206"	209.20mm	208.44mm
70 teeth	8.356"	8.326"	212.23mm	211.47mm
71 teeth	8.475"	8.445"	215.27mm	214.50mm
72 teeth	8.594"	8.564"	218.30mm	217.54mm
73 teeth	8.714"	8.684"	221.33mm	220.57mm
74 teeth	8.833"	8.803"	224.36mm	223.60mm
75 teeth	8.952"	8.922"	227.39mm	226.63mm
76 teeth	9.072"	9.042"	230.42mm	229.66mm
77 teeth	9.191"	9.161"	233.46mm	232.69mm
78 teeth	9.311"	9.281"	236.49mm	235.73mm
79 teeth	9.430"	9.400"	239.52mm	238.76mm
80 teeth	9.549"	9.519"	242.55mm	241.79mm
81 teeth	9.669"	9.639"	245.58mm	244.82mm
82 teeth	9.788"	9.758"	248.62mm	247.85mm
83 teeth	9.907"	9.877"	251.65mm	250.89mm
84 teeth	10.027"	9.997"	254.68mm	253.92mm
85 teeth	10.146"	10.116"	257.71mm	256.95mm
86 teeth	10.265"	10.235"	260.74mm	259.98mm
87 teeth	10.385"	10.355"	263.78mm	263.01mm

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3/8" (0.375") - L

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
88 teeth	10.504"	10.474"	266.81mm	266.05mm
89 teeth	10.624"	10.594"	269.84mm	269.08mm
90 teeth	10.743"	10.713"	272.87mm	272.11mm
91 teeth	10.862"	10.832"	275.90mm	275.14mm
92 teeth	10.982"	10.952"	278.94mm	278.17mm
93 teeth	11.101"	11.071"	281.97mm	281.20mm
94 teeth	11.220"	11.190"	285.00mm	284.24mm
95 teeth	11.340"	11.310"	288.03mm	287.27mm
96 teeth	11.459"	11.429"	291.06mm	290.30mm
97 teeth	11.579"	11.549"	294.09mm	293.33mm
98 teeth	11.698"	11.668"	297.13mm	296.36mm
99 teeth	11.817"	11.787"	300.16mm	299.40mm
100 teeth	11.937"	11.907"	303.19mm	302.43mm
101 teeth	12.056"	12.026"	306.22mm	305.46mm
102 teeth	12.175"	12.145"	309.25mm	308.49mm
103 teeth	12.295"	12.265"	312.29mm	311.52mm
104 teeth	12.414"	12.384"	315.32mm	314.56mm
105 teeth	12.533"	12.503"	318.35mm	317.59mm
106 teeth	12.653"	12.623"	321.38mm	320.62mm
107 teeth	12.772"	12.742"	324.41mm	323.65mm
108 teeth	12.892"	12.862"	327.45mm	326.68mm
109 teeth	13.011"	12.981"	330.48mm	329.72mm
110 teeth	13.130"	13.100"	333.51mm	332.75mm
111 teeth	13.250"	13.220"	336.54mm	335.78mm
112 teeth	13.369"	13.339"	339.57mm	338.81mm
113 teeth	13.488"	13.458"	342.61mm	341.84mm
114 teeth	13.608"	13.578"	345.64mm	344.87mm
115 teeth	13.727"	13.697"	348.67mm	347.91mm
116 teeth	13.846"	13.816"	351.70mm	350.94mm
117 teeth	13.966"	13.936"	354.73mm	353.97mm
118 teeth	14.085"	14.055"	357.76mm	357.00mm
119 teeth	14.205"	14.175"	360.80mm	360.03mm
120 teeth	14.324"	14.294"	363.83mm	363.07mm
121 teeth	14.443"	14.413"	366.86mm	366.10mm
122 teeth	14.563"	14.533"	369.89mm	369.13mm
123 teeth	14.682"	14.652"	372.92mm	372.16mm
124 teeth	14.801"	14.771"	375.96mm	375.19mm
125 teeth	14.921"	14.891"	378.99mm	378.23mm
126 teeth	15.040"	15.010"	382.02mm	381.26mm
127 teeth	15.160"	15.130"	385.05mm	384.29mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth	15.279"	15.249"	388.08mm	387.32mm
129 teeth	15.398"	15.368"	391.12mm	390.35mm
130 teeth	15.518"	15.488"	394.15mm	393.39mm
131 teeth	15.637"	15.607"	397.18mm	396.42mm
132 teeth	15.756"	15.726"	400.21mm	399.45mm
133 teeth	15.876"	15.846"	403.24mm	402.48mm
134 teeth	15.995"	15.965"	406.27mm	405.51mm
135 teeth	16.114"	16.084"	409.31mm	408.54mm
136 teeth	16.234"	16.204"	412.34mm	411.58mm
137 teeth	16.353"	16.323"	415.37mm	414.61mm
138 teeth	16.473"	16.443"	418.40mm	417.64mm
139 teeth	16.592"	16.562"	421.43mm	420.67mm
140 teeth	16.711"	16.681"	424.47mm	423.70mm
141 teeth	16.831"	16.801"	427.50mm	426.74mm
142 teeth	16.950"	16.920"	430.53mm	429.77mm
143 teeth	17.069"	17.039"	433.56mm	432.80mm
144 teeth	17.189"	17.159"	436.59mm	435.83mm
145 teeth	17.308"	17.278"	439.63mm	438.86mm
146 teeth	17.427"	17.397"	442.66mm	441.90mm
147 teeth	17.547"	17.517"	445.69mm	444.93mm
148 teeth	17.666"	17.636"	448.72mm	447.96mm
149 teeth	17.786"	17.756"	451.75mm	450.99mm
150 teeth	17.905"	17.875"	454.79mm	454.02mm
151 teeth	18.024"	17.994"	457.82mm	457.06mm
152 teeth	18.144"	18.114"	460.85mm	460.09mm
153 teeth	18.263"	18.233"	463.88mm	463.12mm
154 teeth	18.382"	18.352"	466.91mm	466.15mm
155 teeth	18.502"	18.472"	469.94mm	469.18mm
156 teeth	18.621"	18.591"	472.98mm	472.21mm
157 teeth	18.740"	18.710"	476.01mm	475.25mm
158 teeth	18.860"	18.830"	479.04mm	478.28mm
159 teeth	18.979"	18.949"	482.07mm	481.31mm
160 teeth	19.099"	19.069"	485.10mm	484.34mm
161 teeth	19.218"	19.188"	488.14mm	487.37mm
162 teeth	19.337"	19.307"	491.17mm	490.41mm
163 teeth	19.457"	19.427"	494.20mm	493.44mm
164 teeth	19.576"	19.546"	497.23mm	496.47mm
165 teeth	19.695"	19.665"	500.26mm	499.50mm
166 teeth	19.815"	19.785"	503.30mm	502.53mm
167 teeth	19.934"	19.904"	506.33mm	505.57mm

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3/8" (0.375") - L

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
168 teeth	20.054"	20.024"	509.36mm	508.60mm
169 teeth	20.173"	20.143"	512.39mm	511.63mm
170 teeth	20.292"	20.262"	515.42mm	514.66mm
171 teeth	20.412"	20.382"	518.46mm	517.69mm
172 teeth	20.531"	20.501"	521.49mm	520.73mm
173 teeth	20.650"	20.620"	524.52mm	523.76mm
174 teeth	20.770"	20.740"	527.55mm	526.79mm
175 teeth	20.889"	20.859"	530.58mm	529.82mm
176 teeth	21.008"	20.978"	533.61mm	532.85mm
177 teeth	21.128"	21.098"	536.65mm	535.88mm
178 teeth	21.247"	21.217"	539.68mm	538.92mm
179 teeth	21.367"	21.337"	542.71mm	541.95mm
180 teeth	21.486"	21.456"	545.74mm	544.98mm
181 teeth	21.605"	21.575"	548.77mm	548.01mm
182 teeth	21.725"	21.695"	551.81mm	551.04mm
183 teeth	21.844"	21.814"	554.84mm	554.08mm
184 teeth	21.963"	21.933"	557.87mm	557.11mm
185 teeth	22.083"	22.053"	560.90mm	560.14mm
186 teeth	22.202"	22.172"	563.93mm	563.17mm
187 teeth	22.321"	22.291"	566.97mm	566.20mm
188 teeth	22.441"	22.411"	570.00mm	569.24mm
189 teeth	22.560"	22.530"	573.03mm	572.27mm
190 teeth	22.680"	22.650"	576.06mm	575.30mm
191 teeth	22.799"	22.769"	579.09mm	578.33mm
192 teeth	22.918"	22.888"	582.13mm	581.36mm
193 teeth	23.038"	23.008"	585.16mm	584.40mm
194 teeth	23.157"	23.127"	588.19mm	587.43mm
195 teeth	23.276"	23.246"	591.22mm	590.46mm
196 teeth	23.396"	23.366"	594.25mm	593.49mm
197 teeth	23.515"	23.485"	597.28mm	596.52mm
198 teeth	23.635"	23.605"	600.32mm	599.55mm
199 teeth	23.754"	23.724"	603.35mm	602.59mm
200 teeth	23.873"	23.843"	606.38mm	605.62mm
201 teeth	23.993"	23.963"	609.41mm	608.65mm
202 teeth	24.112"	24.082"	612.44mm	611.68mm
203 teeth	24.231"	24.201"	615.48mm	614.71mm
204 teeth	24.351"	24.321"	618.51mm	617.75mm
205 teeth	24.470"	24.440"	621.54mm	620.78mm
206 teeth	24.589"	24.559"	624.57mm	623.81mm
207 teeth	24.709"	24.679"	627.60mm	626.84mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
208 teeth	24.828"	24.798"	630.64mm	629.87mm
209 teeth	24.948"	24.918"	633.67mm	632.91mm
210 teeth				
211 teeth				
212 teeth				
213 teeth				
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