

# 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

## 14mm - STD

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				
11 teeth				
12 teeth				
13 teeth				
14 teeth				
15 teeth				
16 teeth				
17 teeth				
18 teeth				
19 teeth				
20 teeth				
21 teeth				
22 teeth				
23 teeth				
24 teeth				
25 teeth				
26 teeth				
27 teeth				
28 teeth	4.912"	4.802"	124.78mm	121.98mm
29 teeth	5.088"	4.978"	129.23mm	126.44mm
30 teeth	5.263"	5.153"	133.69mm	130.90mm
31 teeth	5.439"	5.329"	138.15mm	135.35mm
32 teeth	5.614"	5.504"	142.60mm	139.81mm
33 teeth	5.790"	5.680"	147.06mm	144.27mm
34 teeth	5.965"	5.855"	151.52mm	148.72mm
35 teeth	6.141"	6.031"	155.97mm	153.18mm
36 teeth	6.316"	6.206"	160.43mm	157.63mm
37 teeth	6.492"	6.382"	164.88mm	162.09mm
38 teeth	6.667"	6.557"	169.34mm	166.55mm
39 teeth	6.842"	6.732"	173.80mm	171.00mm
40 teeth	7.018"	6.908"	178.25mm	175.46mm
41 teeth	7.193"	7.083"	182.71mm	179.92mm
42 teeth	7.369"	7.259"	187.17mm	184.37mm
43 teeth	7.544"	7.434"	191.62mm	188.83mm
44 teeth	7.720"	7.610"	196.08mm	193.28mm
45 teeth	7.895"	7.785"	200.54mm	197.74mm
46 teeth	8.071"	7.961"	204.99mm	202.20mm
47 teeth	8.246"	8.136"	209.45mm	206.65mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
48 teeth	8.421"	8.311"	213.90mm	211.11mm
49 teeth	8.597"	8.487"	218.36mm	215.57mm
50 teeth	8.772"	8.662"	222.82mm	220.02mm
51 teeth	8.948"	8.838"	227.27mm	224.48mm
52 teeth	9.123"	9.013"	231.73mm	228.94mm
53 teeth	9.299"	9.189"	236.19mm	233.39mm
54 teeth	9.474"	9.364"	240.64mm	237.85mm
55 teeth	9.650"	9.540"	245.10mm	242.30mm
56 teeth	9.825"	9.715"	249.55mm	246.76mm
57 teeth	10.000"	9.890"	254.01mm	251.22mm
58 teeth	10.176"	10.066"	258.47mm	255.67mm
59 teeth	10.351"	10.241"	262.92mm	260.13mm
60 teeth	10.527"	10.417"	267.38mm	264.59mm
61 teeth	10.702"	10.592"	271.84mm	269.04mm
62 teeth	10.878"	10.768"	276.29mm	273.50mm
63 teeth	11.053"	10.943"	280.75mm	277.96mm
64 teeth	11.229"	11.119"	285.21mm	282.41mm
65 teeth	11.404"	11.294"	289.66mm	286.87mm
66 teeth	11.579"	11.469"	294.12mm	291.32mm
67 teeth	11.755"	11.645"	298.57mm	295.78mm
68 teeth	11.930"	11.820"	303.03mm	300.24mm
69 teeth	12.106"	11.996"	307.49mm	304.69mm
70 teeth	12.281"	12.171"	311.94mm	309.15mm
71 teeth	12.457"	12.347"	316.40mm	313.61mm
72 teeth	12.632"	12.522"	320.86mm	318.06mm
73 teeth	12.808"	12.698"	325.31mm	322.52mm
74 teeth	12.983"	12.873"	329.77mm	326.98mm
75 teeth	13.158"	13.048"	334.23mm	331.43mm
76 teeth	13.334"	13.224"	338.68mm	335.89mm
77 teeth	13.509"	13.399"	343.14mm	340.34mm
78 teeth	13.685"	13.575"	347.59mm	344.80mm
79 teeth	13.860"	13.750"	352.05mm	349.26mm
80 teeth	14.036"	13.926"	356.51mm	353.71mm
81 teeth	14.211"	14.101"	360.96mm	358.17mm
82 teeth	14.387"	14.277"	365.42mm	362.63mm
83 teeth	14.562"	14.452"	369.88mm	367.08mm
84 teeth	14.737"	14.627"	374.33mm	371.54mm
85 teeth	14.913"	14.803"	378.79mm	375.99mm
86 teeth	15.088"	14.978"	383.25mm	380.45mm
87 teeth	15.264"	15.154"	387.70mm	384.91mm

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Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
88 teeth	15.439"	15.329"	392.16mm	389.36mm
89 teeth	15.615"	15.505"	396.61mm	393.82mm
90 teeth	15.790"	15.680"	401.07mm	398.28mm
91 teeth	15.966"	15.856"	405.53mm	402.73mm
92 teeth	16.141"	16.031"	409.98mm	407.19mm
93 teeth	16.317"	16.207"	414.44mm	411.65mm
94 teeth	16.492"	16.382"	418.90mm	416.10mm
95 teeth	16.667"	16.557"	423.35mm	420.56mm
96 teeth	16.843"	16.733"	427.81mm	425.01mm
97 teeth	17.018"	16.908"	432.26mm	429.47mm
98 teeth	17.194"	17.084"	436.72mm	433.93mm
99 teeth	17.369"	17.259"	441.18mm	438.38mm
100 teeth	17.545"	17.435"	445.63mm	442.84mm
101 teeth	17.720"	17.610"	450.09mm	447.30mm
102 teeth	17.896"	17.786"	454.55mm	451.75mm
103 teeth	18.071"	17.961"	459.00mm	456.21mm
104 teeth	18.246"	18.136"	463.46mm	460.67mm
105 teeth	18.422"	18.312"	467.92mm	465.12mm
106 teeth	18.597"	18.487"	472.37mm	469.58mm
107 teeth	18.773"	18.663"	476.83mm	474.03mm
108 teeth	18.948"	18.838"	481.28mm	478.49mm
109 teeth	19.124"	19.014"	485.74mm	482.95mm
110 teeth	19.299"	19.189"	490.20mm	487.40mm
111 teeth	19.475"	19.365"	494.65mm	491.86mm
112 teeth	19.650"	19.540"	499.11mm	496.32mm
113 teeth	19.825"	19.715"	503.57mm	500.77mm
114 teeth	20.001"	19.891"	508.02mm	505.23mm
115 teeth	20.176"	20.066"	512.48mm	509.68mm
116 teeth	20.352"	20.242"	516.94mm	514.14mm
117 teeth	20.527"	20.417"	521.39mm	518.60mm
118 teeth	20.703"	20.593"	525.85mm	523.05mm
119 teeth	20.878"	20.768"	530.30mm	527.51mm
120 teeth	21.054"	20.944"	534.76mm	531.97mm
121 teeth	21.229"	21.119"	539.22mm	536.42mm
122 teeth	21.404"	21.294"	543.67mm	540.88mm
123 teeth	21.580"	21.470"	548.13mm	545.34mm
124 teeth	21.755"	21.645"	552.59mm	549.79mm
125 teeth	21.931"	21.821"	557.04mm	554.25mm
126 teeth	22.106"	21.996"	561.50mm	558.70mm
127 teeth	22.282"	22.172"	565.95mm	563.16mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth	22.457"	22.347"	570.41mm	567.62mm
129 teeth	22.633"	22.523"	574.87mm	572.07mm
130 teeth	22.808"	22.698"	579.32mm	576.53mm
131 teeth	22.983"	22.873"	583.78mm	580.99mm
132 teeth	23.159"	23.049"	588.24mm	585.44mm
133 teeth	23.334"	23.224"	592.69mm	589.90mm
134 teeth	23.510"	23.400"	597.15mm	594.36mm
135 teeth	23.685"	23.575"	601.61mm	598.81mm
136 teeth	23.861"	23.751"	606.06mm	603.27mm
137 teeth	24.036"	23.926"	610.52mm	607.72mm
138 teeth	24.212"	24.102"	614.97mm	612.18mm
139 teeth	24.387"	24.277"	619.43mm	616.64mm
140 teeth	24.562"	24.452"	623.89mm	621.09mm
141 teeth	24.738"	24.628"	628.34mm	625.55mm
142 teeth	24.913"	24.803"	632.80mm	630.01mm
143 teeth	25.089"	24.979"	637.26mm	634.46mm
144 teeth	25.264"	25.154"	641.71mm	638.92mm
145 teeth	25.440"	25.330"	646.17mm	643.38mm
146 teeth	25.615"	25.505"	650.63mm	647.83mm
147 teeth	25.791"	25.681"	655.08mm	652.29mm
148 teeth	25.966"	25.856"	659.54mm	656.74mm
149 teeth	26.142"	26.032"	663.99mm	661.20mm
150 teeth	26.317"	26.207"	668.45mm	665.66mm
151 teeth	26.492"	26.382"	672.91mm	670.11mm
152 teeth	26.668"	26.558"	677.36mm	674.57mm
153 teeth	26.843"	26.733"	681.82mm	679.03mm
154 teeth	27.019"	26.909"	686.28mm	683.48mm
155 teeth	27.194"	27.084"	690.73mm	687.94mm
156 teeth	27.370"	27.260"	695.19mm	692.39mm
157 teeth	27.545"	27.435"	699.65mm	696.85mm
158 teeth	27.721"	27.611"	704.10mm	701.31mm
159 teeth	27.896"	27.786"	708.56mm	705.76mm
160 teeth	28.071"	27.961"	713.01mm	710.22mm
161 teeth	28.247"	28.137"	717.47mm	714.68mm
162 teeth	28.422"	28.312"	721.93mm	719.13mm
163 teeth	28.598"	28.488"	726.38mm	723.59mm
164 teeth	28.773"	28.663"	730.84mm	728.05mm
165 teeth	28.949"	28.839"	735.30mm	732.50mm
166 teeth	29.124"	29.014"	739.75mm	736.96mm
167 teeth	29.300"	29.190"	744.21mm	741.41mm

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## 14mm - STD

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
168 teeth	29.475"	29.365"	748.66mm	745.87mm
169 teeth	29.650"	29.540"	753.12mm	750.33mm
170 teeth	29.826"	29.716"	757.58mm	754.78mm
171 teeth	30.001"	29.891"	762.03mm	759.24mm
172 teeth	30.177"	30.067"	766.49mm	763.70mm
173 teeth	30.352"	30.242"	770.95mm	768.15mm
174 teeth	30.528"	30.418"	775.40mm	772.61mm
175 teeth	30.703"	30.593"	779.86mm	777.07mm
176 teeth	30.879"	30.769"	784.32mm	781.52mm
177 teeth	31.054"	30.944"	788.77mm	785.98mm
178 teeth	31.229"	31.119"	793.23mm	790.43mm
179 teeth	31.405"	31.295"	797.68mm	794.89mm
180 teeth	31.580"	31.470"	802.14mm	799.35mm
181 teeth	31.756"	31.646"	806.60mm	803.80mm
182 teeth	31.931"	31.821"	811.05mm	808.26mm
183 teeth	32.107"	31.997"	815.51mm	812.72mm
184 teeth	32.282"	32.172"	819.97mm	817.17mm
185 teeth	32.458"	32.348"	824.42mm	821.63mm
186 teeth	32.633"	32.523"	828.88mm	826.08mm
187 teeth	32.808"	32.698"	833.34mm	830.54mm
188 teeth	32.984"	32.874"	837.79mm	835.00mm
189 teeth	33.159"	33.049"	842.25mm	839.45mm
190 teeth	33.335"	33.225"	846.70mm	843.91mm
191 teeth	33.510"	33.400"	851.16mm	848.37mm
192 teeth	33.686"	33.576"	855.62mm	852.82mm
193 teeth	33.861"	33.751"	860.07mm	857.28mm
194 teeth	34.037"	33.927"	864.53mm	861.74mm
195 teeth	34.212"	34.102"	868.99mm	866.19mm
196 teeth	34.387"	34.277"	873.44mm	870.65mm
197 teeth	34.563"	34.453"	877.90mm	875.10mm
198 teeth	34.738"	34.628"	882.36mm	879.56mm
199 teeth	34.914"	34.804"	886.81mm	884.02mm
200 teeth	35.089"	34.979"	891.27mm	888.47mm
201 teeth	35.265"	35.155"	895.72mm	892.93mm
202 teeth	35.440"	35.330"	900.18mm	897.39mm
203 teeth	35.616"	35.506"	904.64mm	901.84mm
204 teeth	35.791"	35.681"	909.09mm	906.30mm
205 teeth	35.966"	35.856"	913.55mm	910.76mm
206 teeth	36.142"	36.032"	918.01mm	915.21mm
207 teeth	36.317"	36.207"	922.46mm	919.67mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
208 teeth	36.493"	36.383"	926.92mm	924.12mm
209 teeth	36.668"	36.558"	931.37mm	928.58mm
210 teeth	36.844"	36.734"	935.83mm	933.04mm
211 teeth	37.019"	36.909"	940.29mm	937.49mm
212 teeth	37.195"	37.085"	944.74mm	941.95mm
213 teeth	37.370"	37.260"	949.20mm	946.41mm
214 teeth	37.546"	37.436"	953.66mm	950.86mm
215 teeth	37.721"	37.611"	958.11mm	955.32mm
216 teeth	37.896"	37.786"	962.57mm	959.78mm
217 teeth				
218 teeth				
219 teeth				
220 teeth				
221 teeth				
222 teeth				
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