

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 - CTD

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	126.43mm
30 teeth	5.263"	5.153"	133.69mm	130.89mm
31 teeth	5.439"	5.329"	138.15mm	135.35mm
32 teeth	5.614"	5.504"	142.60mm	139.80mm
33 teeth	5.790"	5.680"	147.06mm	144.26mm
34 teeth	5.965"	5.855"	151.52mm	148.72mm
35 teeth	6.141"	6.030"	155.97mm	153.17mm
36 teeth	6.316"	6.206"	160.43mm	157.63mm
37 teeth	6.492"	6.381"	164.88mm	162.09mm
38 teeth	6.667"	6.557"	169.34mm	166.54mm
39 teeth	6.842"	6.732"	173.80mm	171.00mm
40 teeth	7.018"	6.908"	178.25mm	175.45mm
41 teeth	7.193"	7.083"	182.71mm	179.91mm
42 teeth	7.369"	7.259"	187.17mm	184.37mm
43 teeth	7.544"	7.434"	191.62mm	188.82mm
44 teeth	7.720"	7.609"	196.08mm	193.28mm
45 teeth	7.895"	7.785"	200.54mm	197.74mm
46 teeth	8.071"	7.960"	204.99mm	202.19mm
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	215.56mm
50 teeth	8.772"	8.662"	222.82mm	220.02mm
51 teeth	8.948"	8.838"	227.27mm	224.47mm
52 teeth	9.123"	9.013"	231.73mm	228.93mm
53 teeth	9.299"	9.188"	236.19mm	233.39mm
54 teeth	9.474"	9.364"	240.64mm	237.84mm
55 teeth	9.650"	9.539"	245.10mm	242.30mm
56 teeth	9.825"	9.715"	249.55mm	246.76mm
57 teeth	10.000"	9.890"	254.01mm	251.21mm
58 teeth	10.176"	10.066"	258.47mm	255.67mm
59 teeth	10.351"	10.241"	262.92mm	260.12mm
60 teeth	10.527"	10.417"	267.38mm	264.58mm
61 teeth	10.702"	10.592"	271.84mm	269.04mm
62 teeth	10.878"	10.767"	276.29mm	273.49mm
63 teeth	11.053"	10.943"	280.75mm	277.95mm
64 teeth	11.229"	11.118"	285.21mm	282.41mm
65 teeth	11.404"	11.294"	289.66mm	286.86mm
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	300.23mm
69 teeth	12.106"	11.996"	307.49mm	304.69mm
70 teeth	12.281"	12.171"	311.94mm	309.14mm
71 teeth	12.457"	12.346"	316.40mm	313.60mm
72 teeth	12.632"	12.522"	320.86mm	318.06mm
73 teeth	12.808"	12.697"	325.31mm	322.51mm
74 teeth	12.983"	12.873"	329.77mm	326.97mm
75 teeth	13.158"	13.048"	334.23mm	331.43mm
76 teeth	13.334"	13.224"	338.68mm	335.88mm
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	349.25mm
80 teeth	14.036"	13.926"	356.51mm	353.71mm
81 teeth	14.211"	14.101"	360.96mm	358.16mm
82 teeth	14.387"	14.276"	365.42mm	362.62mm
83 teeth	14.562"	14.452"	369.88mm	367.08mm
84 teeth	14.737"	14.627"	374.33mm	371.53mm
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	384.90mm

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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	398.27mm
91 teeth	15.966"	15.855"	405.53mm	402.73mm
92 teeth	16.141"	16.031"	409.98mm	407.18mm
93 teeth	16.317"	16.206"	414.44mm	411.64mm
94 teeth	16.492"	16.382"	418.90mm	416.10mm
95 teeth	16.667"	16.557"	423.35mm	420.55mm
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	433.92mm
99 teeth	17.369"	17.259"	441.18mm	438.38mm
100 teeth	17.545"	17.434"	445.63mm	442.83mm
101 teeth	17.720"	17.610"	450.09mm	447.29mm
102 teeth	17.896"	17.785"	454.55mm	451.75mm
103 teeth	18.071"	17.961"	459.00mm	456.20mm
104 teeth	18.246"	18.136"	463.46mm	460.66mm
105 teeth	18.422"	18.312"	467.92mm	465.12mm
106 teeth	18.597"	18.487"	472.37mm	469.57mm
107 teeth	18.773"	18.663"	476.83mm	474.03mm
108 teeth	18.948"	18.838"	481.28mm	478.49mm
109 teeth	19.124"	19.013"	485.74mm	482.94mm
110 teeth	19.299"	19.189"	490.20mm	487.40mm
111 teeth	19.475"	19.364"	494.65mm	491.85mm
112 teeth	19.650"	19.540"	499.11mm	496.31mm
113 teeth	19.825"	19.715"	503.57mm	500.77mm
114 teeth	20.001"	19.891"	508.02mm	505.22mm
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	518.59mm
118 teeth	20.703"	20.592"	525.85mm	523.05mm
119 teeth	20.878"	20.768"	530.30mm	527.51mm
120 teeth	21.054"	20.943"	534.76mm	531.96mm
121 teeth	21.229"	21.119"	539.22mm	536.42mm
122 teeth	21.404"	21.294"	543.67mm	540.87mm
123 teeth	21.580"	21.470"	548.13mm	545.33mm
124 teeth	21.755"	21.645"	552.59mm	549.79mm
125 teeth	21.931"	21.821"	557.04mm	554.24mm
126 teeth	22.106"	21.996"	561.50mm	558.70mm
127 teeth	22.282"	22.171"	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	567.61mm
129 teeth	22.633"	22.522"	574.87mm	572.07mm
130 teeth	22.808"	22.698"	579.32mm	576.52mm
131 teeth	22.983"	22.873"	583.78mm	580.98mm
132 teeth	23.159"	23.049"	588.24mm	585.44mm
133 teeth	23.334"	23.224"	592.69mm	589.89mm
134 teeth	23.510"	23.400"	597.15mm	594.35mm
135 teeth	23.685"	23.575"	601.61mm	598.81mm
136 teeth	23.861"	23.751"	606.06mm	603.26mm
137 teeth	24.036"	23.926"	610.52mm	607.72mm
138 teeth	24.212"	24.101"	614.97mm	612.18mm
139 teeth	24.387"	24.277"	619.43mm	616.63mm
140 teeth	24.562"	24.452"	623.89mm	621.09mm
141 teeth	24.738"	24.628"	628.34mm	625.54mm
142 teeth	24.913"	24.803"	632.80mm	630.00mm
143 teeth	25.089"	24.979"	637.26mm	634.46mm
144 teeth	25.264"	25.154"	641.71mm	638.91mm
145 teeth	25.440"	25.330"	646.17mm	643.37mm
146 teeth	25.615"	25.505"	650.63mm	647.83mm
147 teeth	25.791"	25.680"	655.08mm	652.28mm
148 teeth	25.966"	25.856"	659.54mm	656.74mm
149 teeth	26.142"	26.031"	663.99mm	661.20mm
150 teeth	26.317"	26.207"	668.45mm	665.65mm
151 teeth	26.492"	26.382"	672.91mm	670.11mm
152 teeth	26.668"	26.558"	677.36mm	674.56mm
153 teeth	26.843"	26.733"	681.82mm	679.02mm
154 teeth	27.019"	26.909"	686.28mm	683.48mm
155 teeth	27.194"	27.084"	690.73mm	687.93mm
156 teeth	27.370"	27.259"	695.19mm	692.39mm
157 teeth	27.545"	27.435"	699.65mm	696.85mm
158 teeth	27.721"	27.610"	704.10mm	701.30mm
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	714.67mm
162 teeth	28.422"	28.312"	721.93mm	719.13mm
163 teeth	28.598"	28.488"	726.38mm	723.58mm
164 teeth	28.773"	28.663"	730.84mm	728.04mm
165 teeth	28.949"	28.838"	735.30mm	732.50mm
166 teeth	29.124"	29.014"	739.75mm	736.95mm
167 teeth	29.300"	29.189"	744.21mm	741.41mm

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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.)
168 teeth	29.475"	29.365"	748.66mm	745.87mm
169 teeth	29.650"	29.540"	753.12mm	750.32mm
170 teeth	29.826"	29.716"	757.58mm	754.78mm
171 teeth	30.001"	29.891"	762.03mm	759.23mm
172 teeth	30.177"	30.067"	766.49mm	763.69mm
173 teeth	30.352"	30.242"	770.95mm	768.15mm
174 teeth	30.528"	30.417"	775.40mm	772.60mm
175 teeth	30.703"	30.593"	779.86mm	777.06mm
176 teeth	30.879"	30.768"	784.32mm	781.52mm
177 teeth	31.054"	30.944"	788.77mm	785.97mm
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	799.34mm
181 teeth	31.756"	31.646"	806.60mm	803.80mm
182 teeth	31.931"	31.821"	811.05mm	808.25mm
183 teeth	32.107"	31.996"	815.51mm	812.71mm
184 teeth	32.282"	32.172"	819.97mm	817.17mm
185 teeth	32.458"	32.347"	824.42mm	821.62mm
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	834.99mm
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	848.36mm
192 teeth	33.686"	33.575"	855.62mm	852.82mm
193 teeth	33.861"	33.751"	860.07mm	857.27mm
194 teeth	34.037"	33.926"	864.53mm	861.73mm
195 teeth	34.212"	34.102"	868.99mm	866.19mm
196 teeth	34.387"	34.277"	873.44mm	870.64mm
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	884.01mm
200 teeth	35.089"	34.979"	891.27mm	888.47mm
201 teeth	35.265"	35.155"	895.72mm	892.92mm
202 teeth	35.440"	35.330"	900.18mm	897.38mm
203 teeth	35.616"	35.505"	904.64mm	901.84mm
204 teeth	35.791"	35.681"	909.09mm	906.29mm
205 teeth	35.966"	35.856"	913.55mm	910.75mm
206 teeth	36.142"	36.032"	918.01mm	915.21mm
207 teeth	36.317"	36.207"	922.46mm	919.66mm

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	933.03mm
211 teeth	37.019"	36.909"	940.29mm	937.49mm
212 teeth	37.195"	37.084"	944.74mm	941.94mm
213 teeth	37.370"	37.260"	949.20mm	946.40mm
214 teeth	37.546"	37.435"	953.66mm	950.86mm
215 teeth	37.721"	37.611"	958.11mm	955.31mm
216 teeth	37.896"	37.786"	962.57mm	959.77mm
217 teeth	38.072"	37.962"	967.03mm	964.23mm
218 teeth	38.247"	38.137"	971.48mm	968.68mm
219 teeth	38.423"	38.313"	975.94mm	973.14mm
220 teeth	38.598"	38.488"	980.39mm	977.60mm
221 teeth				
222 teeth				
223 teeth				
224 teeth				
225 teeth				
226 teeth				
227 teeth				
228 teeth				
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