

# PFEIFER INDUSTRIES, LLC.

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

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## 20mm - RPP

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				
29 teeth				
30 teeth				
31 teeth				
32 teeth				
33 teeth				
34 teeth	8.522"	8.352"	216.45mm	212.13mm
35 teeth	8.772"	8.602"	222.82mm	218.50mm
36 teeth	9.023"	8.853"	229.18mm	224.87mm
37 teeth	9.274"	9.104"	235.55mm	231.23mm
38 teeth	9.524"	9.354"	241.92mm	237.60mm
39 teeth	9.775"	9.605"	248.28mm	243.96mm
40 teeth	10.026"	9.856"	254.65mm	250.33mm
41 teeth	10.276"	10.106"	261.01mm	256.70mm
42 teeth	10.527"	10.357"	267.38mm	263.06mm
43 teeth	10.777"	10.607"	273.75mm	269.43mm
44 teeth	11.028"	10.858"	280.11mm	275.79mm
45 teeth	11.279"	11.109"	286.48mm	282.16mm
46 teeth	11.529"	11.359"	292.85mm	288.53mm
47 teeth	11.780"	11.610"	299.21mm	294.89mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
48 teeth	12.031"	11.861"	305.58mm	301.26mm
49 teeth	12.281"	12.111"	311.94mm	307.63mm
50 teeth	12.532"	12.362"	318.31mm	313.99mm
51 teeth	12.783"	12.613"	324.68mm	320.36mm
52 teeth	13.033"	12.863"	331.04mm	326.72mm
53 teeth	13.284"	13.114"	337.41mm	333.09mm
54 teeth	13.534"	13.364"	343.77mm	339.46mm
55 teeth	13.785"	13.615"	350.14mm	345.82mm
56 teeth	14.036"	13.866"	356.51mm	352.19mm
57 teeth	14.286"	14.116"	362.87mm	358.56mm
58 teeth	14.537"	14.367"	369.24mm	364.92mm
59 teeth	14.788"	14.618"	375.61mm	371.29mm
60 teeth	15.038"	14.868"	381.97mm	377.65mm
61 teeth	15.289"	15.119"	388.34mm	384.02mm
62 teeth	15.540"	15.370"	394.70mm	390.39mm
63 teeth	15.790"	15.620"	401.07mm	396.75mm
64 teeth	16.041"	15.871"	407.44mm	403.12mm
65 teeth	16.291"	16.121"	413.80mm	409.48mm
66 teeth	16.542"	16.372"	420.17mm	415.85mm
67 teeth	16.793"	16.623"	426.54mm	422.22mm
68 teeth	17.043"	16.873"	432.90mm	428.58mm
69 teeth	17.294"	17.124"	439.27mm	434.95mm
70 teeth	17.545"	17.375"	445.63mm	441.32mm
71 teeth	17.795"	17.625"	452.00mm	447.68mm
72 teeth	18.046"	17.876"	458.37mm	454.05mm
73 teeth	18.297"	18.127"	464.73mm	460.41mm
74 teeth	18.547"	18.377"	471.10mm	466.78mm
75 teeth	18.798"	18.628"	477.46mm	473.15mm
76 teeth	19.048"	18.878"	483.83mm	479.51mm
77 teeth	19.299"	19.129"	490.20mm	485.88mm
78 teeth	19.550"	19.380"	496.56mm	492.25mm
79 teeth	19.800"	19.630"	502.93mm	498.61mm
80 teeth	20.051"	19.881"	509.30mm	504.98mm
81 teeth	20.302"	20.132"	515.66mm	511.34mm
82 teeth	20.552"	20.382"	522.03mm	517.71mm
83 teeth	20.803"	20.633"	528.39mm	524.08mm
84 teeth	21.054"	20.884"	534.76mm	530.44mm
85 teeth	21.304"	21.134"	541.13mm	536.81mm
86 teeth	21.555"	21.385"	547.49mm	543.18mm
87 teeth	21.805"	21.635"	553.86mm	549.54mm

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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	22.056"	21.886"	560.23mm	555.91mm
89 teeth	22.307"	22.137"	566.59mm	562.27mm
90 teeth	22.557"	22.387"	572.96mm	568.64mm
91 teeth	22.808"	22.638"	579.32mm	575.01mm
92 teeth	23.059"	22.889"	585.69mm	581.37mm
93 teeth	23.309"	23.139"	592.06mm	587.74mm
94 teeth	23.560"	23.390"	598.42mm	594.10mm
95 teeth	23.811"	23.641"	604.79mm	600.47mm
96 teeth	24.061"	23.891"	611.15mm	606.84mm
97 teeth	24.312"	24.142"	617.52mm	613.20mm
98 teeth	24.562"	24.392"	623.89mm	619.57mm
99 teeth	24.813"	24.643"	630.25mm	625.94mm
100 teeth	25.064"	24.894"	636.62mm	632.30mm
101 teeth	25.314"	25.144"	642.99mm	638.67mm
102 teeth	25.565"	25.395"	649.35mm	645.03mm
103 teeth	25.816"	25.646"	655.72mm	651.40mm
104 teeth	26.066"	25.896"	662.08mm	657.77mm
105 teeth	26.317"	26.147"	668.45mm	664.13mm
106 teeth	26.568"	26.398"	674.82mm	670.50mm
107 teeth	26.818"	26.648"	681.18mm	676.87mm
108 teeth	27.069"	26.899"	687.55mm	683.23mm
109 teeth	27.319"	27.149"	693.92mm	689.60mm
110 teeth	27.570"	27.400"	700.28mm	695.96mm
111 teeth	27.821"	27.651"	706.65mm	702.33mm
112 teeth	28.071"	27.901"	713.01mm	708.70mm
113 teeth	28.322"	28.152"	719.38mm	715.06mm
114 teeth	28.573"	28.403"	725.75mm	721.43mm
115 teeth	28.823"	28.653"	732.11mm	727.79mm
116 teeth	29.074"	28.904"	738.48mm	734.16mm
117 teeth	29.325"	29.155"	744.85mm	740.53mm
118 teeth	29.575"	29.405"	751.21mm	746.89mm
119 teeth	29.826"	29.656"	757.58mm	753.26mm
120 teeth	30.077"	29.907"	763.94mm	759.63mm
121 teeth	30.327"	30.157"	770.31mm	765.99mm
122 teeth	30.578"	30.408"	776.68mm	772.36mm
123 teeth	30.828"	30.658"	783.04mm	778.72mm
124 teeth	31.079"	30.909"	789.41mm	785.09mm
125 teeth	31.330"	31.160"	795.77mm	791.46mm
126 teeth	31.580"	31.410"	802.14mm	797.82mm
127 teeth	31.831"	31.661"	808.51mm	804.19mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth	32.082"	31.912"	814.87mm	810.56mm
129 teeth	32.332"	32.162"	821.24mm	816.92mm
130 teeth	32.583"	32.413"	827.61mm	823.29mm
131 teeth	32.834"	32.664"	833.97mm	829.65mm
132 teeth	33.084"	32.914"	840.34mm	836.02mm
133 teeth	33.335"	33.165"	846.70mm	842.39mm
134 teeth	33.585"	33.415"	853.07mm	848.75mm
135 teeth	33.836"	33.666"	859.44mm	855.12mm
136 teeth	34.087"	33.917"	865.80mm	861.48mm
137 teeth	34.337"	34.167"	872.17mm	867.85mm
138 teeth	34.588"	34.418"	878.54mm	874.22mm
139 teeth	34.839"	34.669"	884.90mm	880.58mm
140 teeth	35.089"	34.919"	891.27mm	886.95mm
141 teeth	35.340"	35.170"	897.63mm	893.32mm
142 teeth	35.591"	35.421"	904.00mm	899.68mm
143 teeth	35.841"	35.671"	910.37mm	906.05mm
144 teeth	36.092"	35.922"	916.73mm	912.41mm
145 teeth	36.342"	36.172"	923.10mm	918.78mm
146 teeth	36.593"	36.423"	929.46mm	925.15mm
147 teeth	36.844"	36.674"	935.83mm	931.51mm
148 teeth	37.094"	36.924"	942.20mm	937.88mm
149 teeth	37.345"	37.175"	948.56mm	944.25mm
150 teeth	37.596"	37.426"	954.93mm	950.61mm
151 teeth	37.846"	37.676"	961.30mm	956.98mm
152 teeth	38.097"	37.927"	967.66mm	963.34mm
153 teeth	38.348"	38.178"	974.03mm	969.71mm
154 teeth	38.598"	38.428"	980.39mm	976.08mm
155 teeth	38.849"	38.679"	986.76mm	982.44mm
156 teeth	39.099"	38.929"	993.13mm	988.81mm
157 teeth	39.350"	39.180"	999.49mm	995.18mm
158 teeth	39.601"	39.431"	1005.86mm	1001.54mm
159 teeth	39.851"	39.681"	1012.23mm	1007.91mm
160 teeth	40.102"	39.932"	1018.59mm	1014.27mm
161 teeth	40.353"	40.183"	1024.96mm	1020.64mm
162 teeth	40.603"	40.433"	1031.32mm	1027.01mm
163 teeth	40.854"	40.684"	1037.69mm	1033.37mm
164 teeth	41.105"	40.935"	1044.06mm	1039.74mm
165 teeth	41.355"	41.185"	1050.42mm	1046.10mm
166 teeth	41.606"	41.436"	1056.79mm	1052.47mm
167 teeth	41.856"	41.686"	1063.16mm	1058.84mm

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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	42.107"	41.937"	1069.52mm	1065.20mm
169 teeth	42.358"	42.188"	1075.89mm	1071.57mm
170 teeth	42.608"	42.438"	1082.25mm	1077.94mm
171 teeth	42.859"	42.689"	1088.62mm	1084.30mm
172 teeth	43.110"	42.940"	1094.99mm	1090.67mm
173 teeth	43.360"	43.190"	1101.35mm	1097.03mm
174 teeth	43.611"	43.441"	1107.72mm	1103.40mm
175 teeth	43.862"	43.692"	1114.08mm	1109.77mm
176 teeth	44.112"	43.942"	1120.45mm	1116.13mm
177 teeth	44.363"	44.193"	1126.82mm	1122.50mm
178 teeth	44.613"	44.443"	1133.18mm	1128.87mm
179 teeth	44.864"	44.694"	1139.55mm	1135.23mm
180 teeth	45.115"	44.945"	1145.92mm	1141.60mm
181 teeth	45.365"	45.195"	1152.28mm	1147.96mm
182 teeth	45.616"	45.446"	1158.65mm	1154.33mm
183 teeth	45.867"	45.697"	1165.01mm	1160.70mm
184 teeth	46.117"	45.947"	1171.38mm	1167.06mm
185 teeth	46.368"	46.198"	1177.75mm	1173.43mm
186 teeth	46.619"	46.449"	1184.11mm	1179.79mm
187 teeth	46.869"	46.699"	1190.48mm	1186.16mm
188 teeth	47.120"	46.950"	1196.85mm	1192.53mm
189 teeth	47.371"	47.201"	1203.21mm	1198.89mm
190 teeth	47.621"	47.451"	1209.58mm	1205.26mm
191 teeth	47.872"	47.702"	1215.94mm	1211.63mm
192 teeth	48.122"	47.952"	1222.31mm	1217.99mm
193 teeth	48.373"	48.203"	1228.68mm	1224.36mm
194 teeth	48.624"	48.454"	1235.04mm	1230.72mm
195 teeth	48.874"	48.704"	1241.41mm	1237.09mm
196 teeth	49.125"	48.955"	1247.77mm	1243.46mm
197 teeth	49.376"	49.206"	1254.14mm	1249.82mm
198 teeth	49.626"	49.456"	1260.51mm	1256.19mm
199 teeth	49.877"	49.707"	1266.87mm	1262.56mm
200 teeth	50.128"	49.958"	1273.24mm	1268.92mm
201 teeth	50.378"	50.208"	1279.61mm	1275.29mm
202 teeth	50.629"	50.459"	1285.97mm	1281.65mm
203 teeth	50.879"	50.709"	1292.34mm	1288.02mm
204 teeth	51.130"	50.960"	1298.70mm	1294.39mm
205 teeth	51.381"	51.211"	1305.07mm	1300.75mm
206 teeth	51.631"	51.461"	1311.44mm	1307.12mm
207 teeth	51.882"	51.712"	1317.80mm	1313.48mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
208 teeth	52.133"	51.963"	1324.17mm	1319.85mm
209 teeth	52.383"	52.213"	1330.54mm	1326.22mm
210 teeth	52.634"	52.464"	1336.90mm	1332.58mm
211 teeth	52.885"	52.715"	1343.27mm	1338.95mm
212 teeth	53.135"	52.965"	1349.63mm	1345.32mm
213 teeth	53.386"	53.216"	1356.00mm	1351.68mm
214 teeth	53.636"	53.466"	1362.37mm	1358.05mm
215 teeth	53.887"	53.717"	1368.73mm	1364.41mm
216 teeth	54.138"	53.968"	1375.10mm	1370.78mm
217 teeth				
218 teeth				
219 teeth				
220 teeth				
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