

# PFEIFER INDUSTRIES, LLC.

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

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## 3mm - RPP / R3M

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	0.526"	0.496"	13.37mm	12.61mm
15 teeth	0.564"	0.534"	14.32mm	13.56mm
16 teeth	0.602"	0.572"	15.28mm	14.52mm
17 teeth	0.639"	0.609"	16.23mm	15.47mm
18 teeth	0.677"	0.647"	17.19mm	16.43mm
19 teeth	0.714"	0.684"	18.14mm	17.38mm
20 teeth	0.752"	0.722"	19.10mm	18.34mm
21 teeth	0.790"	0.760"	20.05mm	19.29mm
22 teeth	0.827"	0.797"	21.01mm	20.25mm
23 teeth	0.865"	0.835"	21.96mm	21.20mm
24 teeth	0.902"	0.872"	22.92mm	22.16mm
25 teeth	0.940"	0.910"	23.87mm	23.11mm
26 teeth	0.977"	0.947"	24.83mm	24.07mm
27 teeth	1.015"	0.985"	25.78mm	25.02mm
28 teeth	1.053"	1.023"	26.74mm	25.98mm
29 teeth	1.090"	1.060"	27.69mm	26.93mm
30 teeth	1.128"	1.098"	28.65mm	27.89mm
31 teeth	1.165"	1.135"	29.60mm	28.84mm
32 teeth	1.203"	1.173"	30.56mm	29.80mm
33 teeth	1.241"	1.211"	31.51mm	30.75mm
34 teeth	1.278"	1.248"	32.47mm	31.71mm
35 teeth	1.316"	1.286"	33.42mm	32.66mm
36 teeth	1.353"	1.323"	34.38mm	33.62mm
37 teeth	1.391"	1.361"	35.33mm	34.57mm
38 teeth	1.429"	1.399"	36.29mm	35.53mm
39 teeth	1.466"	1.436"	37.24mm	36.48mm
40 teeth	1.504"	1.474"	38.20mm	37.44mm
41 teeth	1.541"	1.511"	39.15mm	38.39mm
42 teeth	1.579"	1.549"	40.11mm	39.35mm
43 teeth	1.617"	1.587"	41.06mm	40.30mm
44 teeth	1.654"	1.624"	42.02mm	41.25mm
45 teeth	1.692"	1.662"	42.97mm	42.21mm
46 teeth	1.729"	1.699"	43.93mm	43.16mm
47 teeth	1.767"	1.737"	44.88mm	44.12mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
48 teeth	1.805"	1.775"	45.84mm	45.07mm
49 teeth	1.842"	1.812"	46.79mm	46.03mm
50 teeth	1.880"	1.850"	47.75mm	46.98mm
51 teeth	1.917"	1.887"	48.70mm	47.94mm
52 teeth	1.955"	1.925"	49.66mm	48.89mm
53 teeth	1.993"	1.963"	50.61mm	49.85mm
54 teeth	2.030"	2.000"	51.57mm	50.80mm
55 teeth	2.068"	2.038"	52.52mm	51.76mm
56 teeth	2.105"	2.075"	53.48mm	52.71mm
57 teeth	2.143"	2.113"	54.43mm	53.67mm
58 teeth	2.181"	2.151"	55.39mm	54.62mm
59 teeth	2.218"	2.188"	56.34mm	55.58mm
60 teeth	2.256"	2.226"	57.30mm	56.53mm
61 teeth	2.293"	2.263"	58.25mm	57.49mm
62 teeth	2.331"	2.301"	59.21mm	58.44mm
63 teeth	2.369"	2.339"	60.16mm	59.40mm
64 teeth	2.406"	2.376"	61.12mm	60.35mm
65 teeth	2.444"	2.414"	62.07mm	61.31mm
66 teeth	2.481"	2.451"	63.03mm	62.26mm
67 teeth	2.519"	2.489"	63.98mm	63.22mm
68 teeth	2.557"	2.527"	64.94mm	64.17mm
69 teeth	2.594"	2.564"	65.89mm	65.13mm
70 teeth	2.632"	2.602"	66.85mm	66.08mm
71 teeth	2.669"	2.639"	67.80mm	67.04mm
72 teeth	2.707"	2.677"	68.75mm	67.99mm
73 teeth	2.744"	2.714"	69.71mm	68.95mm
74 teeth	2.782"	2.752"	70.66mm	69.90mm
75 teeth	2.820"	2.790"	71.62mm	70.86mm
76 teeth	2.857"	2.827"	72.57mm	71.81mm
77 teeth	2.895"	2.865"	73.53mm	72.77mm
78 teeth	2.932"	2.902"	74.48mm	73.72mm
79 teeth	2.970"	2.940"	75.44mm	74.68mm
80 teeth	3.008"	2.978"	76.39mm	75.63mm
81 teeth	3.045"	3.015"	77.35mm	76.59mm
82 teeth	3.083"	3.053"	78.30mm	77.54mm
83 teeth	3.120"	3.090"	79.26mm	78.50mm
84 teeth	3.158"	3.128"	80.21mm	79.45mm
85 teeth	3.196"	3.166"	81.17mm	80.41mm
86 teeth	3.233"	3.203"	82.12mm	81.36mm
87 teeth	3.271"	3.241"	83.08mm	82.32mm

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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	3.308"	3.278"	84.03mm	83.27mm
89 teeth	3.346"	3.316"	84.99mm	84.23mm
90 teeth	3.384"	3.354"	85.94mm	85.18mm
91 teeth	3.421"	3.391"	86.90mm	86.14mm
92 teeth	3.459"	3.429"	87.85mm	87.09mm
93 teeth	3.496"	3.466"	88.81mm	88.05mm
94 teeth	3.534"	3.504"	89.76mm	89.00mm
95 teeth	3.572"	3.542"	90.72mm	89.96mm
96 teeth	3.609"	3.579"	91.67mm	90.91mm
97 teeth	3.647"	3.617"	92.63mm	91.87mm
98 teeth	3.684"	3.654"	93.58mm	92.82mm
99 teeth	3.722"	3.692"	94.54mm	93.78mm
100 teeth	3.760"	3.730"	95.49mm	94.73mm
101 teeth	3.797"	3.767"	96.45mm	95.69mm
102 teeth	3.835"	3.805"	97.40mm	96.64mm
103 teeth	3.872"	3.842"	98.36mm	97.60mm
104 teeth	3.910"	3.880"	99.31mm	98.55mm
105 teeth	3.948"	3.918"	100.27mm	99.51mm
106 teeth	3.985"	3.955"	101.22mm	100.46mm
107 teeth	4.023"	3.993"	102.18mm	101.42mm
108 teeth	4.060"	4.030"	103.13mm	102.37mm
109 teeth	4.098"	4.068"	104.09mm	103.33mm
110 teeth	4.136"	4.106"	105.04mm	104.28mm
111 teeth	4.173"	4.143"	106.00mm	105.24mm
112 teeth	4.211"	4.181"	106.95mm	106.19mm
113 teeth	4.248"	4.218"	107.91mm	107.15mm
114 teeth	4.286"	4.256"	108.86mm	108.10mm
115 teeth	4.323"	4.293"	109.82mm	109.05mm
116 teeth	4.361"	4.331"	110.77mm	110.01mm
117 teeth	4.399"	4.369"	111.73mm	110.96mm
118 teeth	4.436"	4.406"	112.68mm	111.92mm
119 teeth	4.474"	4.444"	113.64mm	112.87mm
120 teeth	4.511"	4.481"	114.59mm	113.83mm
121 teeth	4.549"	4.519"	115.55mm	114.78mm
122 teeth	4.587"	4.557"	116.50mm	115.74mm
123 teeth	4.624"	4.594"	117.46mm	116.69mm
124 teeth	4.662"	4.632"	118.41mm	117.65mm
125 teeth	4.699"	4.669"	119.37mm	118.60mm
126 teeth	4.737"	4.707"	120.32mm	119.56mm
127 teeth	4.775"	4.745"	121.28mm	120.51mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth	4.812"	4.782"	122.23mm	121.47mm
129 teeth	4.850"	4.820"	123.19mm	122.42mm
130 teeth	4.887"	4.857"	124.14mm	123.38mm
131 teeth	4.925"	4.895"	125.10mm	124.33mm
132 teeth	4.963"	4.933"	126.05mm	125.29mm
133 teeth	5.000"	4.970"	127.01mm	126.24mm
134 teeth	5.038"	5.008"	127.96mm	127.20mm
135 teeth	5.075"	5.045"	128.92mm	128.15mm
136 teeth	5.113"	5.083"	129.87mm	129.11mm
137 teeth	5.151"	5.121"	130.83mm	130.06mm
138 teeth	5.188"	5.158"	131.78mm	131.02mm
139 teeth	5.226"	5.196"	132.74mm	131.97mm
140 teeth	5.263"	5.233"	133.69mm	132.93mm
141 teeth	5.301"	5.271"	134.65mm	133.88mm
142 teeth	5.339"	5.309"	135.60mm	134.84mm
143 teeth	5.376"	5.346"	136.55mm	135.79mm
144 teeth	5.414"	5.384"	137.51mm	136.75mm
145 teeth	5.451"	5.421"	138.46mm	137.70mm
146 teeth	5.489"	5.459"	139.42mm	138.66mm
147 teeth	5.527"	5.497"	140.37mm	139.61mm
148 teeth	5.564"	5.534"	141.33mm	140.57mm
149 teeth	5.602"	5.572"	142.28mm	141.52mm
150 teeth	5.639"	5.609"	143.24mm	142.48mm
151 teeth	5.677"	5.647"	144.19mm	143.43mm
152 teeth	5.715"	5.685"	145.15mm	144.39mm
153 teeth	5.752"	5.722"	146.10mm	145.34mm
154 teeth	5.790"	5.760"	147.06mm	146.30mm
155 teeth	5.827"	5.797"	148.01mm	147.25mm
156 teeth	5.865"	5.835"	148.97mm	148.21mm
157 teeth	5.903"	5.873"	149.92mm	149.16mm
158 teeth	5.940"	5.910"	150.88mm	150.12mm
159 teeth	5.978"	5.948"	151.83mm	151.07mm
160 teeth	6.015"	5.985"	152.79mm	152.03mm
161 teeth				
162 teeth				
163 teeth				
164 teeth				
165 teeth				
166 teeth				
167 teeth				

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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				
169 teeth				
170 teeth				
171 teeth				
172 teeth				
173 teeth				
174 teeth				
175 teeth				
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207 teeth				

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
208 teeth				
209 teeth				
210 teeth				
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