

PFEIFER INDUSTRIES, LLC.

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

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

Email: info@pfeiferindustries.com Website: www.pfeiferindustries.com

3mm - STD / S3M

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				
92 teeth				
93 teeth				
94 teeth				
95 teeth				
96 teeth				
97 teeth				
98 teeth				
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122 teeth				
123 teeth				
124 teeth				
125 teeth				
126 teeth				
127 teeth				

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth				
129 teeth				
130 teeth				
131 teeth				
132 teeth				
133 teeth				
134 teeth				
135 teeth				
136 teeth				
137 teeth				
138 teeth				
139 teeth				
140 teeth				
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167 teeth				

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	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
168 teeth				
169 teeth				
170 teeth				
171 teeth				
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173 teeth				
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206 teeth				
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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