

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

5mm - PolyChain GT

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	0.752"	0.707"	19.10mm	17.96mm
13 teeth	0.815"	0.770"	20.69mm	19.55mm
14 teeth	0.877"	0.832"	22.28mm	21.14mm
15 teeth	0.940"	0.895"	23.87mm	22.73mm
16 teeth	1.003"	0.958"	25.46mm	24.32mm
17 teeth	1.065"	1.020"	27.06mm	25.91mm
18 teeth	1.128"	1.083"	28.65mm	27.50mm
19 teeth	1.191"	1.146"	30.24mm	29.10mm
20 teeth	1.253"	1.208"	31.83mm	30.69mm
21 teeth	1.316"	1.271"	33.42mm	32.28mm
22 teeth	1.379"	1.334"	35.01mm	33.87mm
23 teeth	1.441"	1.396"	36.61mm	35.46mm
24 teeth	1.504"	1.459"	38.20mm	37.05mm
25 teeth	1.566"	1.521"	39.79mm	38.65mm
26 teeth	1.629"	1.584"	41.38mm	40.24mm
27 teeth	1.692"	1.647"	42.97mm	41.83mm
28 teeth	1.754"	1.709"	44.56mm	43.42mm
29 teeth	1.817"	1.772"	46.15mm	45.01mm
30 teeth	1.880"	1.835"	47.75mm	46.60mm
31 teeth	1.942"	1.897"	49.34mm	48.20mm
32 teeth	2.005"	1.960"	50.93mm	49.79mm
33 teeth	2.068"	2.023"	52.52mm	51.38mm
34 teeth	2.130"	2.085"	54.11mm	52.97mm
35 teeth	2.193"	2.148"	55.70mm	54.56mm
36 teeth	2.256"	2.211"	57.30mm	56.15mm
37 teeth	2.318"	2.273"	58.89mm	57.74mm
38 teeth	2.381"	2.336"	60.48mm	59.34mm
39 teeth	2.444"	2.399"	62.07mm	60.93mm
40 teeth	2.506"	2.461"	63.66mm	62.52mm
41 teeth	2.569"	2.524"	65.25mm	64.11mm
42 teeth	2.632"	2.587"	66.85mm	65.70mm
43 teeth	2.694"	2.649"	68.44mm	67.29mm
44 teeth	2.757"	2.712"	70.03mm	68.89mm
45 teeth	2.820"	2.775"	71.62mm	70.48mm
46 teeth	2.882"	2.837"	73.21mm	72.07mm
47 teeth	2.945"	2.900"	74.80mm	73.66mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
48 teeth	3.008"	2.963"	76.39mm	75.25mm
49 teeth	3.070"	3.025"	77.99mm	76.84mm
50 teeth	3.133"	3.088"	79.58mm	78.43mm
51 teeth	3.196"	3.151"	81.17mm	80.03mm
52 teeth	3.258"	3.213"	82.76mm	81.62mm
53 teeth	3.321"	3.276"	84.35mm	83.21mm
54 teeth	3.384"	3.339"	85.94mm	84.80mm
55 teeth	3.446"	3.401"	87.54mm	86.39mm
56 teeth	3.509"	3.464"	89.13mm	87.98mm
57 teeth	3.572"	3.527"	90.72mm	89.58mm
58 teeth	3.634"	3.589"	92.31mm	91.17mm
59 teeth	3.697"	3.652"	93.90mm	92.76mm
60 teeth	3.760"	3.715"	95.49mm	94.35mm
61 teeth	3.822"	3.777"	97.08mm	95.94mm
62 teeth	3.885"	3.840"	98.68mm	97.53mm
63 teeth	3.948"	3.903"	100.27mm	99.12mm
64 teeth	4.010"	3.965"	101.86mm	100.72mm
65 teeth	4.073"	4.028"	103.45mm	102.31mm
66 teeth	4.136"	4.091"	105.04mm	103.90mm
67 teeth	4.198"	4.153"	106.63mm	105.49mm
68 teeth	4.261"	4.216"	108.23mm	107.08mm
69 teeth	4.323"	4.278"	109.82mm	108.67mm
70 teeth	4.386"	4.341"	111.41mm	110.27mm
71 teeth	4.449"	4.404"	113.00mm	111.86mm
72 teeth	4.511"	4.466"	114.59mm	113.45mm
73 teeth	4.574"	4.529"	116.18mm	115.04mm
74 teeth	4.637"	4.592"	117.77mm	116.63mm
75 teeth	4.699"	4.654"	119.37mm	118.22mm
76 teeth	4.762"	4.717"	120.96mm	119.81mm
77 teeth	4.825"	4.780"	122.55mm	121.41mm
78 teeth	4.887"	4.842"	124.14mm	123.00mm
79 teeth	4.950"	4.905"	125.73mm	124.59mm
80 teeth	5.013"	4.968"	127.32mm	126.18mm
81 teeth	5.075"	5.030"	128.92mm	127.77mm
82 teeth	5.138"	5.093"	130.51mm	129.36mm
83 teeth	5.201"	5.156"	132.10mm	130.96mm
84 teeth	5.263"	5.218"	133.69mm	132.55mm
85 teeth	5.326"	5.281"	135.28mm	134.14mm
86 teeth	5.389"	5.344"	136.87mm	135.73mm
87 teeth	5.451"	5.406"	138.46mm	137.32mm

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	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
88 teeth	5.514"	5.469"	140.06mm	138.91mm
89 teeth	5.577"	5.532"	141.65mm	140.50mm
90 teeth	5.639"	5.594"	143.24mm	142.10mm
91 teeth	5.702"	5.657"	144.83mm	143.69mm
92 teeth	5.765"	5.720"	146.42mm	145.28mm
93 teeth	5.827"	5.782"	148.01mm	146.87mm
94 teeth	5.890"	5.845"	149.61mm	148.46mm
95 teeth	5.953"	5.908"	151.20mm	150.05mm
96 teeth	6.015"	5.970"	152.79mm	151.65mm
97 teeth	6.078"	6.033"	154.38mm	153.24mm
98 teeth	6.141"	6.096"	155.97mm	154.83mm
99 teeth	6.203"	6.158"	157.56mm	156.42mm
100 teeth	6.266"	6.221"	159.15mm	158.01mm
101 teeth	6.329"	6.284"	160.75mm	159.60mm
102 teeth	6.391"	6.346"	162.34mm	161.20mm
103 teeth	6.454"	6.409"	163.93mm	162.79mm
104 teeth	6.517"	6.472"	165.52mm	164.38mm
105 teeth	6.579"	6.534"	167.11mm	165.97mm
106 teeth	6.642"	6.597"	168.70mm	167.56mm
107 teeth	6.705"	6.660"	170.30mm	169.15mm
108 teeth	6.767"	6.722"	171.89mm	170.74mm
109 teeth	6.830"	6.785"	173.48mm	172.34mm
110 teeth	6.893"	6.848"	175.07mm	173.93mm
111 teeth	6.955"	6.910"	176.66mm	175.52mm
112 teeth	7.018"	6.973"	178.25mm	177.11mm
113 teeth	7.081"	7.036"	179.85mm	178.70mm
114 teeth	7.143"	7.098"	181.44mm	180.29mm
115 teeth	7.206"	7.161"	183.03mm	181.89mm
116 teeth	7.268"	7.223"	184.62mm	183.48mm
117 teeth	7.331"	7.286"	186.21mm	185.07mm
118 teeth	7.394"	7.349"	187.80mm	186.66mm
119 teeth	7.456"	7.411"	189.39mm	188.25mm
120 teeth	7.519"	7.474"	190.99mm	189.84mm
121 teeth	7.582"	7.537"	192.58mm	191.43mm
122 teeth	7.644"	7.599"	194.17mm	193.03mm
123 teeth	7.707"	7.662"	195.76mm	194.62mm
124 teeth	7.770"	7.725"	197.35mm	196.21mm
125 teeth	7.832"	7.787"	198.94mm	197.80mm
126 teeth	7.895"	7.850"	200.54mm	199.39mm
127 teeth	7.958"	7.913"	202.13mm	200.98mm

Number of Teeth	Inches (in)		Metric (mm)	
	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
128 teeth	8.020"	7.975"	203.72mm	202.58mm
129 teeth	8.083"	8.038"	205.31mm	204.17mm
130 teeth	8.146"	8.101"	206.90mm	205.76mm
131 teeth	8.208"	8.163"	208.49mm	207.35mm
132 teeth	8.271"	8.226"	210.08mm	208.94mm
133 teeth	8.334"	8.289"	211.68mm	210.53mm
134 teeth	8.396"	8.351"	213.27mm	212.12mm
135 teeth	8.459"	8.414"	214.86mm	213.72mm
136 teeth	8.522"	8.477"	216.45mm	215.31mm
137 teeth	8.584"	8.539"	218.04mm	216.90mm
138 teeth	8.647"	8.602"	219.63mm	218.49mm
139 teeth	8.710"	8.665"	221.23mm	220.08mm
140 teeth	8.772"	8.727"	222.82mm	221.67mm
141 teeth	8.835"	8.790"	224.41mm	223.27mm
142 teeth	8.898"	8.853"	226.00mm	224.86mm
143 teeth	8.960"	8.915"	227.59mm	226.45mm
144 teeth	9.023"	8.978"	229.18mm	228.04mm
145 teeth	9.086"	9.041"	230.77mm	229.63mm
146 teeth	9.148"	9.103"	232.37mm	231.22mm
147 teeth	9.211"	9.166"	233.96mm	232.81mm
148 teeth	9.274"	9.229"	235.55mm	234.41mm
149 teeth	9.336"	9.291"	237.14mm	236.00mm
150 teeth	9.399"	9.354"	238.73mm	237.59mm
151 teeth	9.462"	9.417"	240.32mm	239.18mm
152 teeth	9.524"	9.479"	241.92mm	240.77mm
153 teeth	9.587"	9.542"	243.51mm	242.36mm
154 teeth	9.650"	9.605"	245.10mm	243.96mm
155 teeth	9.712"	9.667"	246.69mm	245.55mm
156 teeth	9.775"	9.730"	248.28mm	247.14mm
157 teeth	9.838"	9.793"	249.87mm	248.73mm
158 teeth	9.900"	9.855"	251.46mm	250.32mm
159 teeth	9.963"	9.918"	253.06mm	251.91mm
160 teeth	10.026"	9.981"	254.65mm	253.50mm
161 teeth	10.088"	10.043"	256.24mm	255.10mm
162 teeth	10.151"	10.106"	257.83mm	256.69mm
163 teeth	10.213"	10.168"	259.42mm	258.28mm
164 teeth	10.276"	10.231"	261.01mm	259.87mm
165 teeth	10.339"	10.294"	262.61mm	261.46mm
166 teeth	10.401"	10.356"	264.20mm	263.05mm
167 teeth	10.464"	10.419"	265.79mm	264.65mm

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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	10.527"	10.482"	267.38mm	266.24mm
169 teeth	10.589"	10.544"	268.97mm	267.83mm
170 teeth	10.652"	10.607"	270.56mm	269.42mm
171 teeth	10.715"	10.670"	272.15mm	271.01mm
172 teeth	10.777"	10.732"	273.75mm	272.60mm
173 teeth	10.840"	10.795"	275.34mm	274.20mm
174 teeth	10.903"	10.858"	276.93mm	275.79mm
175 teeth	10.965"	10.920"	278.52mm	277.38mm
176 teeth	11.028"	10.983"	280.11mm	278.97mm
177 teeth	11.091"	11.046"	281.70mm	280.56mm
178 teeth	11.153"	11.108"	283.30mm	282.15mm
179 teeth	11.216"	11.171"	284.89mm	283.74mm
180 teeth	11.279"	11.234"	286.48mm	285.34mm
181 teeth	11.341"	11.296"	288.07mm	286.93mm
182 teeth	11.404"	11.359"	289.66mm	288.52mm
183 teeth	11.467"	11.422"	291.25mm	290.11mm
184 teeth	11.529"	11.484"	292.85mm	291.70mm
185 teeth	11.592"	11.547"	294.44mm	293.29mm
186 teeth	11.655"	11.610"	296.03mm	294.89mm
187 teeth	11.717"	11.672"	297.62mm	296.48mm
188 teeth	11.780"	11.735"	299.21mm	298.07mm
189 teeth	11.843"	11.798"	300.80mm	299.66mm
190 teeth	11.905"	11.860"	302.39mm	301.25mm
191 teeth	11.968"	11.923"	303.99mm	302.84mm
192 teeth	12.031"	11.986"	305.58mm	304.43mm
193 teeth	12.093"	12.048"	307.17mm	306.03mm
194 teeth	12.156"	12.111"	308.76mm	307.62mm
195 teeth	12.219"	12.174"	310.35mm	309.21mm
196 teeth	12.281"	12.236"	311.94mm	310.80mm
197 teeth	12.344"	12.299"	313.54mm	312.39mm
198 teeth	12.407"	12.362"	315.13mm	313.98mm
199 teeth	12.469"	12.424"	316.72mm	315.58mm
200 teeth	12.532"	12.487"	318.31mm	317.17mm
201 teeth				
202 teeth				
203 teeth				
204 teeth				
205 teeth				
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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