

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

7/8" (0.875") - XH

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	5.013"	4.903"	127.34mm	124.55mm
19 teeth	5.292"	5.182"	134.41mm	131.62mm
20 teeth	5.570"	5.460"	141.49mm	138.69mm
21 teeth	5.849"	5.739"	148.56mm	145.77mm
22 teeth	6.127"	6.017"	155.64mm	152.84mm
23 teeth	6.406"	6.296"	162.71mm	159.92mm
24 teeth	6.685"	6.575"	169.79mm	166.99mm
25 teeth	6.963"	6.853"	176.86mm	174.07mm
26 teeth	7.242"	7.132"	183.94mm	181.14mm
27 teeth	7.520"	7.410"	191.01mm	188.22mm
28 teeth	7.799"	7.689"	198.08mm	195.29mm
29 teeth	8.077"	7.967"	205.16mm	202.36mm
30 teeth	8.356"	8.246"	212.23mm	209.44mm
31 teeth	8.634"	8.524"	219.31mm	216.51mm
32 teeth	8.913"	8.803"	226.38mm	223.59mm
33 teeth	9.191"	9.081"	233.46mm	230.66mm
34 teeth	9.470"	9.360"	240.53mm	237.74mm
35 teeth	9.748"	9.638"	247.61mm	244.81mm
36 teeth	10.027"	9.917"	254.68mm	251.89mm
37 teeth	10.305"	10.195"	261.75mm	258.96mm
38 teeth	10.584"	10.474"	268.83mm	266.03mm
39 teeth	10.862"	10.752"	275.90mm	273.11mm
40 teeth	11.141"	11.031"	282.98mm	280.18mm
41 teeth	11.419"	11.309"	290.05mm	287.26mm
42 teeth	11.698"	11.588"	297.13mm	294.33mm
43 teeth	11.976"	11.866"	304.20mm	301.41mm
44 teeth	12.255"	12.145"	311.28mm	308.48mm
45 teeth	12.533"	12.423"	318.35mm	315.56mm
46 teeth	12.812"	12.702"	325.42mm	322.63mm
47 teeth	13.090"	12.980"	332.50mm	329.70mm

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48 teeth	13.369"	13.259"	339.57mm	336.78mm
49 teeth	13.648"	13.538"	346.65mm	343.85mm
50 teeth	13.926"	13.816"	353.72mm	350.93mm
51 teeth	14.205"	14.095"	360.80mm	358.00mm
52 teeth	14.483"	14.373"	367.87mm	365.08mm
53 teeth	14.762"	14.652"	374.95mm	372.15mm
54 teeth	15.040"	14.930"	382.02mm	379.23mm
55 teeth	15.319"	15.209"	389.09mm	386.30mm
56 teeth	15.597"	15.487"	396.17mm	393.37mm
57 teeth	15.876"	15.766"	403.24mm	400.45mm
58 teeth	16.154"	16.044"	410.32mm	407.52mm
59 teeth	16.433"	16.323"	417.39mm	414.60mm
60 teeth	16.711"	16.601"	424.47mm	421.67mm
61 teeth	16.990"	16.880"	431.54mm	428.75mm
62 teeth	17.268"	17.158"	438.62mm	435.82mm
63 teeth	17.547"	17.437"	445.69mm	442.90mm
64 teeth	17.825"	17.715"	452.76mm	449.97mm
65 teeth	18.104"	17.994"	459.84mm	457.04mm
66 teeth	18.382"	18.272"	466.91mm	464.12mm
67 teeth	18.661"	18.551"	473.99mm	471.19mm
68 teeth	18.939"	18.829"	481.06mm	478.27mm
69 teeth	19.218"	19.108"	488.14mm	485.34mm
70 teeth	19.496"	19.386"	495.21mm	492.42mm
71 teeth	19.775"	19.665"	502.29mm	499.49mm
72 teeth	20.054"	19.944"	509.36mm	506.57mm
73 teeth	20.332"	20.222"	516.43mm	513.64mm
74 teeth	20.611"	20.501"	523.51mm	520.71mm
75 teeth	20.889"	20.779"	530.58mm	527.79mm
76 teeth	21.168"	21.058"	537.66mm	534.86mm
77 teeth	21.446"	21.336"	544.73mm	541.94mm
78 teeth	21.725"	21.615"	551.81mm	549.01mm
79 teeth	22.003"	21.893"	558.88mm	556.09mm
80 teeth	22.282"	22.172"	565.96mm	563.16mm
81 teeth	22.560"	22.450"	573.03mm	570.24mm
82 teeth	22.839"	22.729"	580.10mm	577.31mm
83 teeth	23.117"	23.007"	587.18mm	584.38mm
84 teeth	23.396"	23.286"	594.25mm	591.46mm
85 teeth	23.674"	23.564"	601.33mm	598.53mm
86 teeth	23.953"	23.843"	608.40mm	605.61mm
87 teeth	24.231"	24.121"	615.48mm	612.68mm

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	Pitch Diameter (PD)	Outside Diameter (O.D.)	Pitch Diameter (PD)	Outside Diameter (O.D.)
88 teeth	24.510"	24.400"	622.55mm	619.76mm
89 teeth	24.788"	24.678"	629.63mm	626.83mm
90 teeth	25.067"	24.957"	636.70mm	633.91mm
91 teeth	25.345"	25.235"	643.77mm	640.98mm
92 teeth	25.624"	25.514"	650.85mm	648.05mm
93 teeth	25.902"	25.792"	657.92mm	655.13mm
94 teeth	26.181"	26.071"	665.00mm	662.20mm
95 teeth	26.460"	26.350"	672.07mm	669.28mm
96 teeth	26.738"	26.628"	679.15mm	676.35mm
97 teeth	27.017"	26.907"	686.22mm	683.43mm
98 teeth	27.295"	27.185"	693.30mm	690.50mm
99 teeth	27.574"	27.464"	700.37mm	697.58mm
100 teeth	27.852"	27.742"	707.44mm	704.65mm
101 teeth	28.131"	28.021"	714.52mm	711.72mm
102 teeth	28.409"	28.299"	721.59mm	718.80mm
103 teeth	28.688"	28.578"	728.67mm	725.87mm
104 teeth	28.966"	28.856"	735.74mm	732.95mm
105 teeth	29.245"	29.135"	742.82mm	740.02mm
106 teeth	29.523"	29.413"	749.89mm	747.10mm
107 teeth	29.802"	29.692"	756.97mm	754.17mm
108 teeth	30.080"	29.970"	764.04mm	761.25mm
109 teeth	30.359"	30.249"	771.11mm	768.32mm
110 teeth	30.637"	30.527"	778.19mm	775.39mm
111 teeth	30.916"	30.806"	785.26mm	782.47mm
112 teeth	31.194"	31.084"	792.34mm	789.54mm
113 teeth	31.473"	31.363"	799.41mm	796.62mm
114 teeth	31.751"	31.641"	806.49mm	803.69mm
115 teeth	32.030"	31.920"	813.56mm	810.77mm
116 teeth	32.308"	32.198"	820.64mm	817.84mm
117 teeth	32.587"	32.477"	827.71mm	824.92mm
118 teeth	32.865"	32.755"	834.78mm	831.99mm
119 teeth	33.144"	33.034"	841.86mm	839.06mm
120 teeth	33.423"	33.313"	848.93mm	846.14mm
121 teeth				
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				
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168 teeth				
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170 teeth				
171 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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