

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

20mm - RPP / R20M

| 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 | 54.388" | 54.218" | 1381.46mm | 1377.15mm |
| 218 teeth | 54.639" | 54.469" | 1387.83mm | 1383.51mm |
| 219 teeth | 54.890" | 54.720" | 1394.20mm | 1389.88mm |
| 220 teeth | 55.140" | 54.970" | 1400.56mm | 1396.25mm |
| 221 teeth | 55.391" | 55.221" | 1406.93mm | 1402.61mm |
| 222 teeth | 55.642" | 55.472" | 1413.30mm | 1408.98mm |
| 223 teeth | 55.892" | 55.722" | 1419.66mm | 1415.34mm |
| 224 teeth | 56.143" | 55.973" | 1426.03mm | 1421.71mm |
| 225 teeth | 56.393" | 56.223" | 1432.39mm | 1428.08mm |
| 226 teeth | 56.644" | 56.474" | 1438.76mm | 1434.44mm |
| 227 teeth | 56.895" | 56.725" | 1445.13mm | 1440.81mm |
| 228 teeth | 57.145" | 56.975" | 1451.49mm | 1447.18mm |
| 229 teeth | 57.396" | 57.226" | 1457.86mm | 1453.54mm |
| 230 teeth | 57.647" | 57.477" | 1464.23mm | 1459.91mm |
| 231 teeth | 57.897" | 57.727" | 1470.59mm | 1466.27mm |
| 232 teeth | 58.148" | 57.978" | 1476.96mm | 1472.64mm |
| 233 teeth | 58.399" | 58.229" | 1483.32mm | 1479.01mm |
| 234 teeth | 58.649" | 58.479" | 1489.69mm | 1485.37mm |
| 235 teeth | 58.900" | 58.730" | 1496.06mm | 1491.74mm |
| 236 teeth | 59.150" | 58.980" | 1502.42mm | 1498.10mm |
| 237 teeth | 59.401" | 59.231" | 1508.79mm | 1504.47mm |
| 238 teeth | 59.652" | 59.482" | 1515.16mm | 1510.84mm |
| 239 teeth | 59.902" | 59.732" | 1521.52mm | 1517.20mm |
| 240 teeth | 60.153" | 59.983" | 1527.89mm | 1523.57mm |
| 241 teeth | | | | |
| 242 teeth | | | | |
| 243 teeth | | | | |
| 244 teeth | | | | |
| 245 teeth | | | | |
| 246 teeth | | | | |
| 247 teeth | | | | |