

Piston Drilling Chart

Total Hole Area in square mm

| hole dia mm | hole area^2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|-------------|-------|-------|--------|--------|--------|--------|--------|
| 1.00 | 0.785 | 3.142 | 3.927 | 4.712 | 5.498 | 6.283 | 7.069 | 7.854 |
| 1.10 | 0.950 | 3.801 | 4.752 | 5.702 | 6.652 | 7.603 | 8.553 | 9.503 |
| 1.20 | 1.131 | 4.524 | 5.655 | 6.786 | 7.917 | 9.048 | 10.179 | 11.310 |
| 1.25 | 1.227 | 4.909 | 6.136 | 7.363 | 8.590 | 9.817 | 11.045 | 12.272 |
| 1.30 | 1.327 | 5.309 | 6.637 | 7.964 | 9.291 | 10.619 | 11.946 | 13.273 |
| 1.35 | 1.431 | 5.726 | 7.157 | 8.588 | 10.020 | 11.451 | 12.882 | 14.314 |
| 1.40 | 1.539 | 6.158 | 7.697 | 9.236 | 10.776 | 12.315 | 13.854 | 15.394 |
| 1.45 | 1.651 | 6.605 | 8.256 | 9.908 | 11.559 | 13.210 | 14.862 | 16.513 |
| 1.50 | 1.767 | 7.069 | 8.836 | 10.603 | 12.370 | 14.137 | 15.904 | 17.671 |
| 1.55 | 1.887 | 7.548 | 9.435 | 11.322 | 13.208 | 15.095 | 16.982 | 18.869 |

Total Hole Circumference mm

| hole dia mm | circumference | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|---------------|-------|-------|-------|-------|-------|-------|-------|
| 1.00 | 3.142 | 12.57 | 15.71 | 18.85 | 21.99 | 25.13 | 28.27 | 31.42 |
| 1.10 | 3.456 | 13.82 | 17.28 | 20.73 | 24.19 | 27.65 | 31.10 | 34.56 |
| 1.20 | 3.770 | 15.08 | 18.85 | 22.62 | 26.39 | 30.16 | 33.93 | 37.70 |
| 1.25 | 3.927 | 15.71 | 19.63 | 23.56 | 27.49 | 31.42 | 35.34 | 39.27 |
| 1.30 | 4.084 | 16.34 | 20.42 | 24.50 | 28.59 | 32.67 | 36.76 | 40.84 |
| 1.35 | 4.241 | 16.96 | 21.21 | 25.45 | 29.69 | 33.93 | 38.17 | 42.41 |
| 1.40 | 4.398 | 17.59 | 21.99 | 26.39 | 30.79 | 35.19 | 39.58 | 43.98 |
| 1.45 | 4.555 | 18.22 | 22.78 | 27.33 | 31.89 | 36.44 | 41.00 | 45.55 |
| 1.50 | 4.712 | 18.85 | 23.56 | 28.27 | 32.99 | 37.70 | 42.41 | 47.12 |
| 1.55 | 4.869 | 19.48 | 24.35 | 29.22 | 34.09 | 38.96 | 43.83 | 48.69 |

Drill Bit Conversion # to mm

| | |
|----|-------|
| 57 | 1.092 |
| 56 | 1.181 |
| 55 | 1.320 |
| 54 | 1.397 |
| 53 | 1.511 |

Denotes stock Mugen pistons