



PARTICLE SIZE vs GRINDING EQUIPMENT

| MICRON (Opening Size) | MILLIMETER | NEAREST FRACTION | DECIMAL | MESH (# of Openings/linear inch) | |
|--------------------------|------------|------------------|---------|-------------------------------------|----------------------|
| 50800 | 50.800 | 2 | 2.000 | | Flake Breaker |
| 44450 | 44.450 | 1 3/4 | 1.7500 | | |
| 38100 | 38.100 | 1 1/2 | 1.500 | | |
| 31750 | 31.750 | 1 1/4 | 1.2480 | | |
| 26988 | 26.988 | 1 1/16 | 1.0625 | | |
| 25400 | 25.400 | 1 | 1.0000 | | |
| 22400 | 22.400 | 7/8 | .8819 | | |
| 19000 | 19.000 | 3/4 | .7480 | | |
| 16000 | 16.100 | 5/8 | .6339 | | |
| 13200 | 13.200 | 33/64 | .5197 | | |
| 12700 | 12.700 | 1/2 | .5000 | | |
| 11200 | 11.200 | 7/16 | .4409 | | |
| 9500 | 9.500 | 3/8 | .3740 | | |
| 8000 | 8.000 | 5/16 | .3150 | 2 1/2 | |
| 6300 | 6.300 | 1/4 | .2500 | 3 | |
| 5660 | 5.660 | 7/32 | .2228 | 3 1/2 | |
| 4750 | 4.750 | 3/16 | .1870 | 4 | |
| 4000 | 4.000 | 5/32 | .1575 | 5 | |
| 3350 | 3.360 | 1/8 | .1323 | 6 | |
| 2830 | 2.830 | 7/64 | .1114 | 7 | |
| 2380 | 2.380 | 3/32 | .0937 | 8 | |
| 2000 | 2.000 | 5/64 | .0787 | 10 | |
| 1680 | 1.680 | 1/16 | .0661 | 12 | |
| 1410 | 1.410 | 1/20 | .0555 | 14 | |
| 1190 | 1.190 | 3/64 | .0469 | 16 | |
| 1000 | 1.000 | 1/25 | .0394 | 18 | |
| 840 | .840 | 1/32 | .0331 | 20 | |
| 710 | .710 | 1/40 | .0280 | 25 | |
| 545 | .545 | | .0213 | 30 | |
| 500 | .500 | 1/50 | .0197 | 35 | |
| 420 | .420 | 1/64 | .0165 | 40 | |
| 354 | .354 | | .0139 | 45 | |
| 297 | .297 | | .0117 | 50 | |
| 250 | .250 | | .0098 | 60 | |
| 210 | .210 | | .0083 | 70 | |
| 177 | .177 | | .0070 | 80 | |
| 149 | .149 | | .0059 | 100 | |
| 125 | .125 | | .0049 | 120 | |
| 105 | .105 | | .0041 | 140 | |
| 100 | .100 | | .0039 | 150 | |
| 88 | .088 | | .0035 | 170 | |
| 74 | .074 | | .0029 | 200 | |
| 63 | .063 | | .0025 | 230 | |
| 53 | .053 | | .0021 | 270 | |
| 44 | .044 | | .0017 | 325 | |
| 37 | .037 | | .0015 | 400 | |
| 32 | .032 | | .0013 | 450 | |
| 25 | .025 | | .0010 | 500 | |
| 20 | .020 | | .0008 | 635 | |
| 1 | .001 | | .00004 | 125000 | |

Fine Grinder

Flake Breaker

**Mega Mill
Fine Grinder
Flake Breaker**

**Classifier Mill
MAC Air Classifier**