

CAPABILITIES – 2015

CENTERLESS GRINDING

Centerless grinding is an OD (Outside diameter) grinding process. It differs from other cylindrical processes in that the work-piece is not mechanically constrained. Centerless grinding is used to achieve roundness, surface finish and dimensional tolerances that are among the best available in metalworking.

We operate Cincinnati grinders ranging in size from #0's to #3's. Our size capacity is dependent on the weight of the part or bar, with additional consideration given to the diametric tolerance, surface finish, and roundness requirements.

A typical tolerance for centerless grinding would be +/- .0001" with a surface finish of ≤ 16 RMS. Even finer finishes/tolerances can be achieved depending on material type, size, etc.

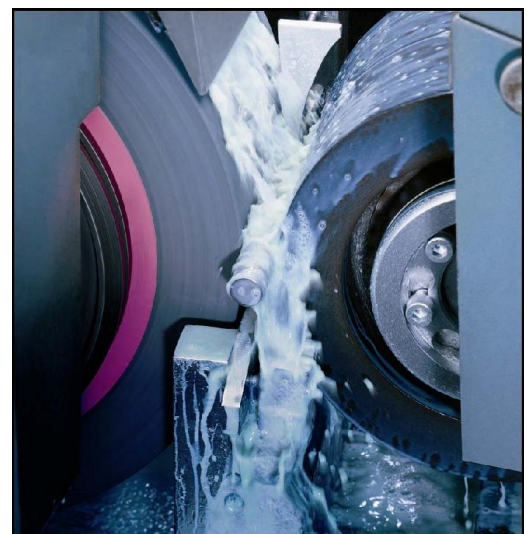
Please contact us for individual capacities and quotations.

Infeed guidelines for size

Min diameter	Max diameter	Max grind length
0.050"	6.000"	11.75"

Thrufeed guidelines for size

Min diameter	Max diameter "	Max length
0.048"	10.000"	24 ft



BAR STOCK can be ground in lengths up to 24ft. Large diameter bars can be run at shorter lengths depending on overall bar weight. Contact us for a quote.