



Grinder System Application

Medical Drills & Routers

Application

Superabrasive grinding of drills and routers for the medical industry.

Process

Medical drills and routers are extremely small with an outside diameter of 0.070 in. (1,778 mm). They are ground from solid stainless steel blanks.

Features include:

- Tapered flutes
- Sharp O.D. reliefs
- Drill point

Ground in a single setup

High pressure coolant minimizes heat distortion and burr.

Material

Stainless steel

Cycle Time

Cycle times for these types of components are as low as three minutes depending upon the size and other process variables.

Machine Features and Benefits

Available on the Huffman HS-200, HS-190 and HS-150 Series Grinder Systems.

Requires a steady-rest for cutter support during grinding.

A single flat wheel is required.

