

MTI Polishing Technique

1. Cutting

Equipment:

1. For large rock sample



2. For Cross section area < 60x60mm, massive rock sample



3.



4. For extremely small sample



Notes:

1. After cutting, both sizes of the slices should be flat.
2. The surface would be less than the glass slice.
3. Without special requests, smaller and thinner samples are better.
4. Use SYJ-200 to cut natural and precious rock sample. SYJ-200 is designed for precision cutting all type of materials up to 3" diameter. The saw is equipped with 8" diameter diamond blade and touch-push panel to achieve automatic control.

2. Grinding

Equipment:

1



2. For large rock sample



3. For high hardness sample

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Purpose:

To make the surface smooth and remove scratches and mechanical damage on the surface

Notes:

1. Polishing is a progressive process. Follow the instructions step by step
180 mesh(W40) –240 mesh (W20) –320 mesh (W14) –400 mesh(W10) –600 mesh(W7)
2. Rinse the surface after finishing each step
3. Time for each step depends on the actual situation