

## FLEX SHAFT ACCESSORIES: ANDY'S PICKS

### Part 2

### ABRASIVES • GRINDING • SANDING

#### Common Abrasives

Mohs Hardness	Materials	Properties
6	Pumice	Soft and gentle; great around stones
7.5	Garnet	Great for wood and softer materials
7 – 9	Emery Corundum: Aluminum Oxide and other materials such as magnetite	Great for metal, wood, plastics, etc. Emery is in tripoli.
*9	Aluminum Oxide: Corundum (ruby and sapphire)	Very hard; cuts fast; great abrasive for metal, ceramic, wood, plastic, glass, etc.; will abrade rubies and sapphires or anything softer
*9.5	Silicon Carbide, Carborundum	Hard, sharp, and tough; used in wet/dry sandpapers; great for metal, wood, ceramic, plastic, glass, etc.

\*Aluminum Oxide (Corundum) and silicon carbide are the two most commonly used

#### Abrasives

##### Grinding

Grinding wheels: aluminum oxide or silicon carbide will work.

Mizzy: 7/8" x 1/8"

- Rio: #332194
- Otto Frei: #111.436

Separating discs: Aluminum oxide or silicon carbide will work. Variations in wheel diameter and thickness between suppliers are okay.

Standard: 7/8" x .022"

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- Rio: # 337201
- Otto Frei: #111.780

Cut-off: 1½" x .025"

1¼" x .030"

- Rio: #332194
- Otto Frei: #110.539

Ultra-thin: 7/8" x .006"

7/8" x .009"

- Rio: #337873
- Otto Frei: #111.783

##### Sanding

Snap-on (Moore's Magnum) discs: 7/8" diameter

Medium

- Rio: #337227
- Otto Frei: #111.977

Fine

- Rio: #337226
- Otto Frei: #111.976