

## Information Sheet 2

### ABRASIVE SLEEVE CHANGING INSTRUCTIONS

Abrasive sleeves are held on the mandrels by retaining nuts at the top end of the mandrels. On the larger size mandrels, there is also a washer to aid in compressing the rubber sleeves that hold the abrasive sleeves by friction.

When changing the abrasive sleeve, it is important that the taper shank and the threads on the mandrel not be damaged.

1. Remove the mandrel from the machine, using the mandrel ejection tool. Do not allow dirt or sanding dust to fall into the taper socket on the spindle.
2. Use a brush or compressed air to clean the dust from the threaded end of the spindle.
3. Use a wrench of the proper size to loosen the retaining nut. **DO NOT USE PLIERS ON THE NUT OR MANDREL!**
4. Remove the retaining nut, and slip the used abrasive sleeve off the mandrel.
5. Clean any dust or dirt from the mandrel, and slip a new abrasive sleeve into place. The larger sleeves many need some coaxing to slip over the rubber sleeves. Do not try to force them.
6. When the new sleeve is in place, replace the retaining nut (and washer if needed), and tighten the wrench just enough to hold the sleeve in place.
7. Replace the mandrel into the taper socket of the machine spindle. Use hand pressure only. **DO NOT USE A HAMMER OR MALLET!**
8. On some machines, the mandrel is held in with a threaded rod. Identify whether the machine you are using is merely pressed in or if it is held in with a threaded rod.