

## LL INSTRUCTIONS

**BEFORE USE:** Please **BURNISH** your **resin-coated LL laps !!!** Run lap with water drip. Water-sand [**burnish**] with light contact using **400-grit wet-dry Sandpaper** wrapped around a wooden or plastic block for a *brief*, ( 3-5 sec). Keep moving sandpaper side to side; **not stationary!** Repeat if necessary. NOTE: Most LLs require very little, if any initial breaking-in! But if they scratch, burnish the lap.

**LL-CEOX** (*cerium oxide*): Quartz-family, Opal & Glass gem rough should be polished with LL-CeOx lap. Use water drip only!

**LL-A1 Linde-A and LL-A2Brutus** (aluminum oxide) polishing laps are preferred by many for Tourmaline, Garnet, CZ, Spinel, various Synthetics and other hard gem rough. Use water drip only!

**LL-NATURAL:** Use to polish ALL gemstone with any oxide or diamond polish. Oil, water, or distillates may be used with this lap only! Clean, scrub, and rinse lap thoroughly between polishes.

**LL-D'Lite:** Diamond-resin polishing laps. Use water only! Burnish before first use. **D'Lite laps are for polishing only, not for cutting!**

Gem facets should be cut preferably with 600-steel lap; followed by D'Lite1200 pre-polish; and finished with either the LLCeOX, A1, A2Brutus laps, or the DLITE-series diamond-resin laps. Smaller facets can often be cut and polished simultaneously with the LL final polishing laps, saving multiple lap changes. The LL-Toppers are 1/8" thick, and will not cause rounded facets like Ultra Laps often do.

**USE ONLY WATER AS LUBRICANT!!!!**  
**not use distillates on LL coated laps! And do not run dry!**

**Do not polish stones near the edge of the LL! It's a Swarf "mine-field!"**

**Lap Speed:** 100-300 rpm for most materials; 600 rpm+ for corundum.

**Do Not Press Hard! Just make contact with even pressure. Let the lap do the work! The best polishing is done in the center, 2" zone of an 8" lap!**

**TOPPER laps require a MASTER lap:** If you purchased an LL Topper, it must be mounted on a master lap, or any clean, trusted smooth-running lap. DO NOT over-tighten arbor nut! Some faceting machines have slightly larger diameter arbor mounts. If LL-topper fits too tight, roll up a sandpaper cigar and ream it out slightly until the lap fits your arbor.