

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.