

## Dia-Flat® Lapping Plate Instructions

1. Using a pencil, draw several intersecting lines on the surface to be flattened; a cross hatch pattern of lines an inch apart works well.
2. Place the Dia-Flat® Lapping Plate under a stream of water or immerse it into a shallow pan so that the diamond surface is under water.

**IMPORTANT:** Do not use in a sink that has a garbage disposal unit as the slurry is detrimental to the disposal bearings.

3. Abrade the surface to be flattened across the Dia-Flat® surface using long overlapping strokes in a figure “8” motion and light to moderate force – be sure to use the entire Dia-Flat® surface. A figure “8” motion promotes even, consistent wear of the stone being flattened and the Dia-Flat® Lapping Plate. The figure “8” motion and finishing with lighter pressure will reduce any scratches from the flattening process.
4. Check the surface frequently to assess whether the pencil marks have been worn away. When the pencil marks are completely worn away, the surface is now flat.

Tip: use light force when finishing up for a smoother finish on the surface being lapped.

Figure “8” motion:

