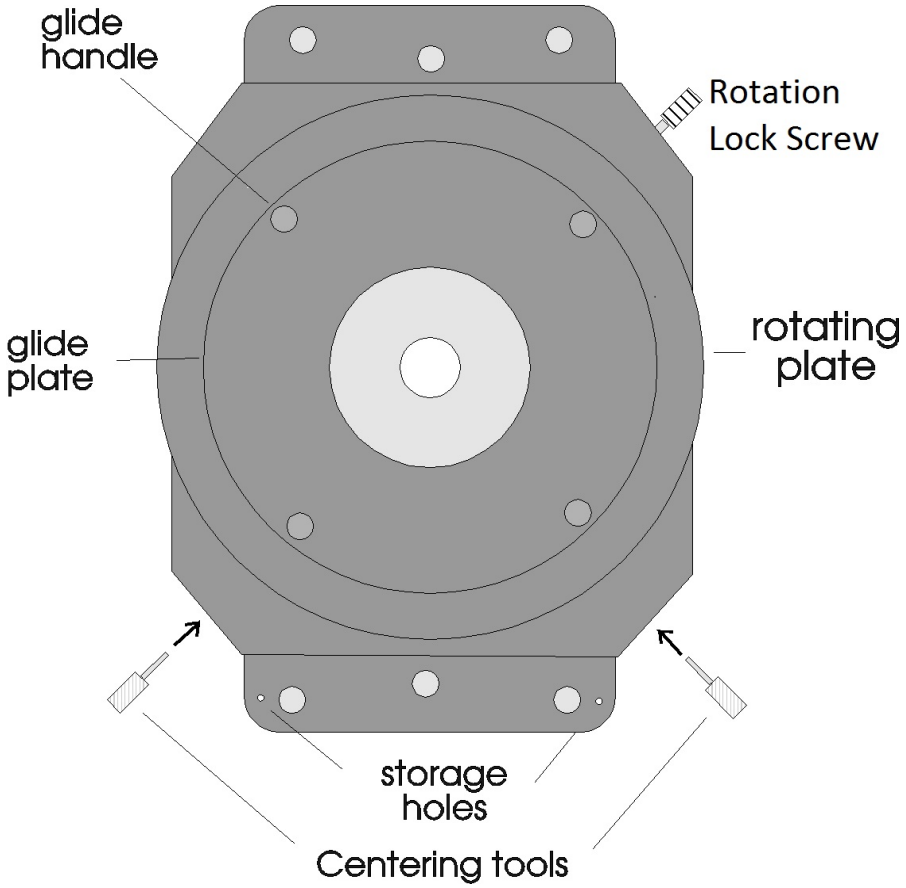
Rotating Glide Stage Instructions



Mount the stage using the three hex head screws provided. Note that one side of the stage has a rotation locking screw. The stage should be mounted with this at the right rear.

X-Y scanning of the glide plate can best be accomplished be pushing one or two of the glide handles. The glide plate moves on a greased surface to slow down movement of the plate. It is not designed to move quickly.

The rotating plate can be centered so that its center of rotation coincides with the optical axis. To center the plate:

1. Be sure the rotation locking screw is loosened.
2. Focus the specimen using a low power objective (10x).
3. Rotate the plate by gripping the knurled edge on both sides but do not lift. Since it is not a ball-bearing mounted device, some resistance is normal.
4. Select a detail near the edge of the field and observe the detail as you rotate the stage. Ideally the detail should track around the edge of the field as the stage is rotated. If it does not, use the two centering tools to move the perceived center of rotation of the specimen to the center of the field. This procedure should be repeated, each time rotating and observing, until the stage is centered. Always use the edge of the field as a reference, since details at the very center may not track in a perfectly circular motion.
5. When finished centering, return the centering tools to the storage holes.