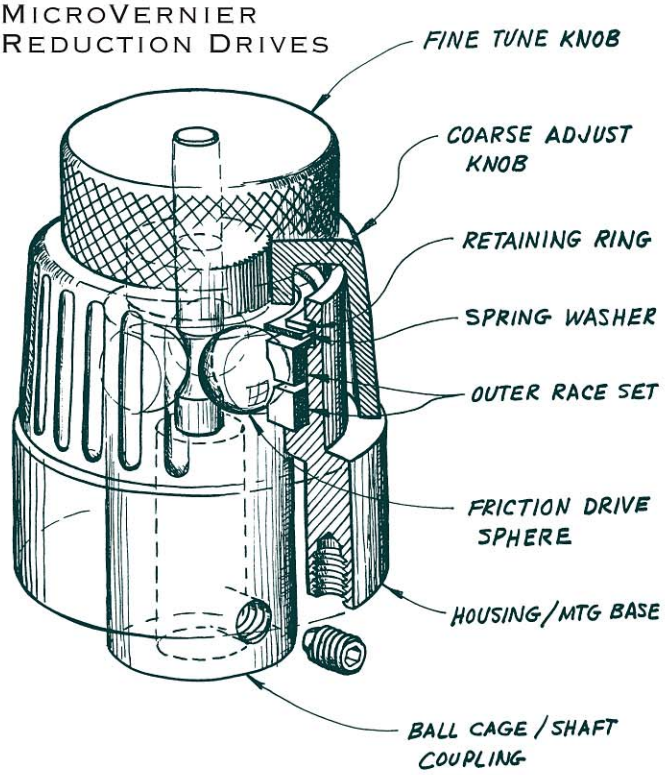
Ratio Reduction Mechanism

MicroVernier Reduction Drives



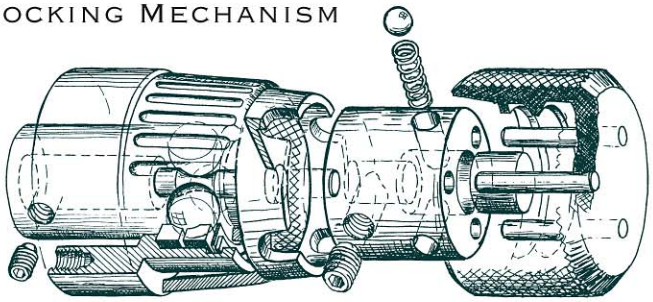
Indexing: Provides input shaft reduction ratios for fine tuning through a backlash planetary friction drive mechanism, offering a variety of standard ratios and mechanical interface options.

- Zero backlash
- Integral assembly
- Infinite resolution with absolute shaft registration
- Driving torque - 10 inch-ounces
- Saves space behind the panel
- Simple installation, no special tools required
- Knob and component shaft rotate in the same direction
- As small as 1" diameter, front or rear mounting

MicroVernier Ratio
"A" Vernier Drive 10:1 with "B" Direct Drive 1:1
"A" Vernier Drive 40:1 with "B" Direct Drive 4:1
"A" Vernier Drive 100:1 with "B" Direct Drive 10:1

Contact factory for detailed information regarding sizes, mounting, installation, and ratios, etc.

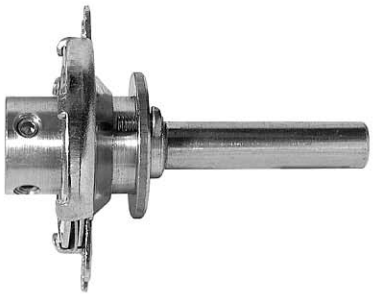
MicroVernier with Locking Mechanism

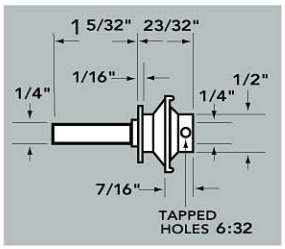


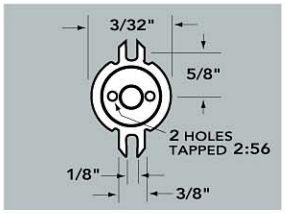
Locking MicroVernier is available with a friction lock mechanism to prevent inadvertent movement of the setting, integral to the unit.

Reduction Drive

RDL61 Reduction Drive







The RDL61 Reduction Drive is a ball drive device with a 6:1 reduction ratio.

- Dial flange is directly coupled to output shaft
- Provided with (2) 2:56 x 3/16 pan head slotted screws and (2) 6:32 x 1/8 set screws for mounting
- Working temperature range 0°C to 55°C
- Storage temperature range -40°C to 70°C
- Torque values: Output > 26 inch-oz.; Input > 3 inch-oz.