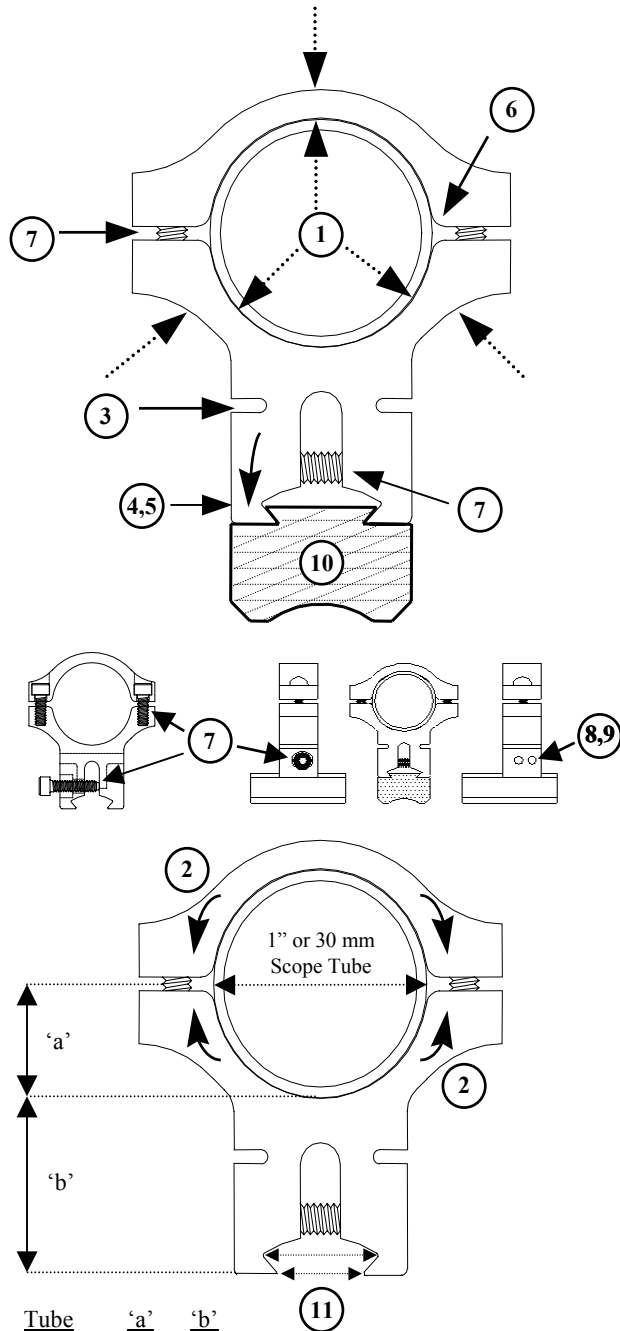


DESIGN FEATURES OF BKL MOUNTS



Tube	'a'	'b'
1"	0.50"	0.75"
30 mm	0.59"	0.98"

- Aircraft-grade T-6061 extruded aluminum; CNC and precise machine finishing to extremely tight tolerances; hard coat anodizing to 0.005"
- Cross-sectional areas (1---) are designed to assist scope clamps to wrap and form around the circumference of the scope tube (2)
- Stress relief slots (3) allow the base scope clamp to wrap and form around the scope tube and the base dovetail clamp to tighten onto the gun dovetail without distortion of the base alignment. Mounts with double top straps have additional vertical stress relief in the base.
- Wide feet on the scope mount base (4) support the downward pressure component of the clamping force (5), thereby providing an extremely stable mount without wobble or cant
- The inside edges have a radius (6) which helps reduce scope tube marking
- The #8-32 socket-head cap screws for both scope clamp and base (7) have an average yield torque of 78 in-lbs and an average yield force of 1960 lbs. These values are much greater, and therefore stronger, than the #6-40 screws used by others (45 in-lb and 1270 lbs)
- A unique unitized dovetail base with #8-32 clamping screws on all of the BKL mounts and risers is designed for extremely tight clamping without movement (8), even under very heavy recoil. Built-in capability for spreading the base with the same clamping screws facilitates clamp installation and removal (9)
- BKL mounts and risers fit the nominal 3/8" dovetail on most rimfire guns, and the 11 mm dovetail on most airguns (10)
- Height from the bottom of the dovetail clamp to the center of 1" and 30 mm scope tubes is 1.25" (32 mm) and 1.57" (40 mm). Risers give an extra 0.70" (18 mm) elevation. Top of the base clamping surface is 0.500" wide, while the bottom is 0.410", with a height of 0.125" (11)