Universal Holder

For Comparison Microscopes

40th Anniversary
LEEDS
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One holder.
Endless possibilities.

Leeds Universal Holder is a versatile mounted holder that is designed for the examination of a wide variety of bullets and cartridge casings with the fewest attachments needed. With a 90° vertical-to-horizontal positioning range and a 360° rotatable chuck, the Leeds Universal Holder can hold an item as small as .030" wire, to as large as a 10-gauge shotgun shell.



- **Universal Grip:** Easily mount cartridge cases from the inside diameter, outside diameter, or extractor groove.
- **Quick Mounting:** Three-finger jaw allows for quick specimen mounting and changes.
- **Versatile Positioining:** 3-axis control for flexible orientation of challenging samples.

UNIVERSAL GRIP
Grips by inside diameter, outside diameter, or extraction groove.

360° ROTATION
Smooth horizontal rotation for any angle of view.

Quick Mounting
Fast specimen changes save time and improve workflow.

SET OF PIN MOUNT PAIRS





.40-cartridge casing held by the inside diameter for viewing chambermarks



.40-cartridge casing held by the extraction groove for viewing extractor marks



.40-cartridge casing held by the outside diameter to examine cartridge case face

Leeds Quick-Change Specimen Holders



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1. BALL PIVOT POSITIONER

Adjustable surface allows specimen tilt up to 30° from horizontal, frictional clutch to adjust stage tension, removable stage with a reversible black/white insert.



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2. REFLECTED LIGHT DOCUMENT HOLDER

A Reflected Light Document Holder securely positions documents and other flat evidence for examination under reflected light on a comparison microscope.



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3. MAGNETIC SHOTSHELL HOLDER

Magnetic insert for the Universal Holder that provides a magnetic mount for shotshells.



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4. BALL PIVOT VISE POSITIONER HOLDER

Vice mount with 1" jaw mounted on a ball pivot positioner to allow the holder to be tilted and rotated. Vice jaws are lined with Delrin to prevent the addition of toolmarks to samples.



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5. BALL PIVOT WAX PLATEN

Small platform articulated mounts that inserts in the universal holder, using a ball pivot for adjustable positioning with an adjustable frictional lock.



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5. ON-CENTERS HOLDER

On-Center sample holders secure bullets or projectiles horizontally for rotation and examination under a comparison microscope. A rotary vernier allows precise orientation during comparison. Holders are stage-specific: **-R** for right and **-L** for left.

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