

Permanent Tungsten Carbide Knives

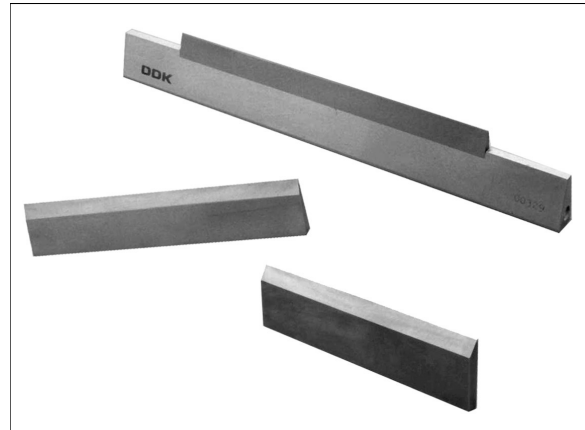
Improved Section Quality and Accuracy

Whatever the material or section thickness, Applied Diamond has the knife for improved section quality and accuracy. Our line of tungsten carbide knives are effective for plastic work, like bone and hard materials embedded in MMA and can replace time consuming glass knives used for softer tissue and materials embedded in GMA.

Tungsten carbide is harder than steel and retains a superior edge after extensive use. Our knives are made of 100% tungsten carbide.

Solid tungsten carbide knives:

- Last Longer
- Allow more resharpenings
- Have no epoxy joints to fail



The 45° medium angle is most versatile and is recommended for most applications.

Use The Attached Chart To Find The Right Knife For Your Application

The Right Knife for your Microtome

Wedge-Shaped D Profile Knife	Used on any model of rotary microtome
Parallel-Sided D Profile Knife	Used only on the Leica (Reichert) Polycut
K-Profile Knife	Exclusively for use on Jung Model K microtome
C Profile Knife	For those preferring steel knife angles
C or D Profile Cryostat Knife	For cutting frozen bone in a cryostat <i>Includes a steel base.</i>

Applied Diamond can customize any knife to your specifications.

A Resharpener Service You Can Rely On

Applied Diamond offers a resharpener service for all brands of tungsten carbide knives.

ADs reconditioning service includes:

- **Restoring angles to the original settings.** All angles are returned to factory specifications so all knives perform the same at the microtome.
- **Restoring the edge quality to new condition.** We take your knives and restore the edges to the same quality as new with our specialized equipment and procedures.
- **Repairing broken epoxy joints.** Epoxy joints are repaired, and your box is cleaned and repaired if necessary.
- **Removing corrosion of the steel parts.** Corrosion of tool steel parts is brushed out.

We have the information and experience necessary to answer your questions regarding knife use and the challenges of sectioning difficult materials.



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