

Leica Microtome Knives



For the different sectioning requirements in histology, research, biology and specific industrial applications, Leica Microsystems offers top quality microtome knives between 3 and 30 cm in length. For safety reasons, the knives are shipped in a knife case.

For resharpener purposes, the knives should be returned to Leica Biosystems Nussloch GmbH, Heidelberger Strasse 17-19, D-69226 Nussloch/Germany.

- Made of special tool steel or tungsten carbide
- Different lengths available
- Available with profiles c and d, and special cutting angles
- Resharpener and reconditioning service available



The Leica microtome knives, varying from 3 to 30 cm in length, meet the different sectioning requirements found in histology, research, biology and specific industrial applications. Made of tool steel or tungsten carbide, they are durable, remaining sharp for a large number of sections, and as they can be resharpened they contribute to saving costs in the laboratory. For extra safety the knives are always supplied in a custom-made knife case.

Steel Knives:

- Profile c (wedge angle 27°, cutting angle 17°)
- Profile d (wedge angle 45°, cutting angle 35°)
- Lengths of 12, 16, 22, 25 and 30 cm

Tungsten Carbide Knives:

- Profile c (wedge angle 27°, cutting angle 17°)
- Profile d (wedge angle 45°, cutting angle 35°)
- Lengths of 3, 12, and 16 cm



Recommended knives for rotary and sliding microtomes

Rotary Microtomes:

- Paraffin sections: Profile c, 16 cm, steel knife
- Resin sections: Profile d, 16 cm, tungsten carbide

Sliding Microtomes:

- Paraffin sections: Profile c, 16 cm or up to 30 cm, steel knife
- Resin sections (heavy-duty microtome Leica SM2500): Profile d, 16 cm, tungsten carbide knife