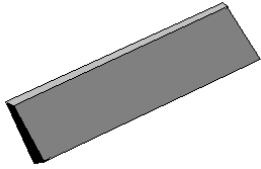


Microtome Knives and Accessories

Leica



Microtome knife



DDK 16cm tungsten carbide knife

Leica Standard Knives

All knives are now plain backed (not drilled & tapped for Shandon Knife Sharpener) Each B, C or D knife comes with its own box. *Please ask regarding resharpening of these knives.*

Knife profile B (plane/slightly concave for celloidin sections)

LL07831 Knife 25cm long profile B

Knives profile C (plane on both sides for paraffin and frozen sections)

LL07531 Knife 16cm long profile C

LL07545 Knife 22cm long profile C

LL07532 Knife 25cm long profile C

LL07128 Knife 30cm long profile C

LL04206 Knife 16cm long *tungsten carbide tipped* profile C

Knives profile D (chisel/tool edge for hard specimens and frozen sections)

LL04813 Knife 16cm long *tungsten carbide tipped* profile D

Tungsten Carbide Knife Resharpening

LL90684 16cm TC profile C

LL90611 16cm TC profile D

Technovit Disposable Histoblade

(replaces Histoknife). Blades and holders

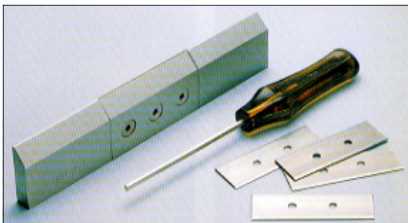
A completely new range of extra rigid blades with a 30° profile (was 40°) for plastic sectioning. Same dimensions as previous blade so existing holders can be used. Have much improved edge characteristics for better sectioning .

T553 Technovit Histoblades pack of 50

T398 Histoblade holder 17cm (for rotary microtomes)

T399 Histoblade holder 22cm (for sledge microtomes)

For knife holder for "Ralph" knives see K058/25 page 12.16



Technovit knives and holder

Feather Disposable Blades

Historically these disposable knives are often referred to as "Low Profile". This was to distinguish them from early Reichert-Jung (Leica) blades designed to fit the American 820 microtome which were deeper and therefore became known as "High Profile".

A22 This blade permits the production of **very thin sections** in routine use and research and is suitable for fibrous tissues (biopsies/fabrics) and also for ribbon sectioning after trimming. It is very sharp (22° facet angle), and has a long service life.

Material: Stainless steel Facet angle: 22° Length: 80mm Height: 8mm

LL08300 Feather A22 disposable blades dispenser of 50 pieces



Feather disposable blades

A35 This disposable microtome blade allows the production of very thin sections and is suitable for **hard and soft tissues**. It is sharp and has a long service life.

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 8mm

LL08000 Feather A35 disposable blades in dispenser of 50



C35 Specifically designed for **cryostat use**, carbon steel with long service life

Material: Carbon steel Facet angle: 35° Length: 80mm Height: 8mm

LL31508 Feather C35 disposable *cryostat* blades dispenser of 20



N35 This blade is particularly suitable for **hard tissues** and stands out for its long service life. It can also be used for soft tissues and biopsies and for ribbon sectioning after trimming. Trimming is slower but **compression is very low** and durability outstanding

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 8mm

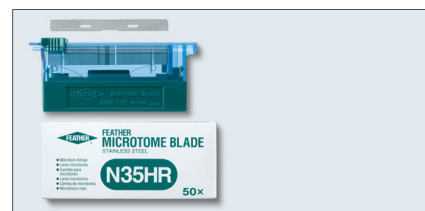
LL31506 Feather N35 disposable blade for hard tissue in dispenser of 50



N35HR Suitable for **hard tissue, routine** and **ribbon** sectioning. The new coating on this blade gives a cutting edge which is specially finished to ensure outstanding blade life and allow fast and easy section production.

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 8mm

LL08200 Feather N35HR blade dispenser of 50



R35 This blade is suitable for routine ribbon sectioning and for **hard tissues**, having a **specially hardened cutting edge**. It also offers rapid trimming times.

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 8mm

LL31310 Feather R35 hardened steel disposable blade in dispenser of 50



S22 This disposable microtome blade allows the production of **extra-thin sections** and is suitable for soft tissues and fabrics. Short trimming and long service life.

Material: Stainless steel Facet angle: 22° Length: 80mm Height: 8mm

LL31308 Feather disposable blade 22° for extra-thin sections dispenser of 50



S35 The **standard** disposable microtome blade for **routine** practice and biopsies. High quality sections and short trimming times

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 8mm

LL31309 Feather S35 routine disposable blade in dispenser of 50

LL31309/L Feather S35L routine blade **Long (120mm)** dispenser of 20

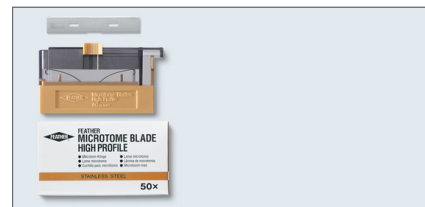
LL31309/LL Feather S35LL routine blade **Extra Long (180mm)** dispenser of 20



High Profile Blades for older Reichert-Jung and AO 820 microtomes

Material: Stainless steel Facet angle: 35° Length: 80mm Height: 14mm

LL12881 High profile Feather disposable blades dispenser of 50



Longer Disposable Blades



S35L 120mm length is particularly suitable for large blocks and routine sectioning.
Material: Stainless steel Facet angle: 35° Length: 120mm Height: 8mm

LL31309/L S35L 120mm Feather blades in dispenser of 20 pieces

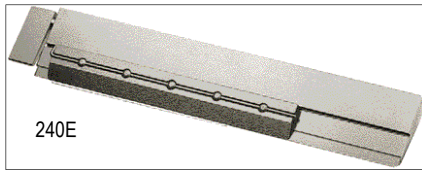


S35LL 180mm length for extra large blocks dispenser of 20 pieces
Material: Stainless steel Facet angle: 35° Length: 180mm Height: 8mm

LL31309/LL S35LL 180mm Feather blades in dispenser of 20 pieces

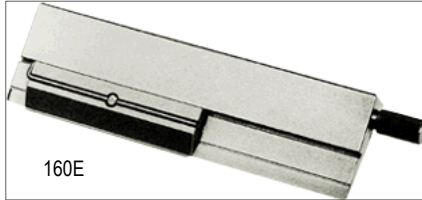
Lever Action Disposable Blade Holders

Blades can be easily replaced without tightening any screws



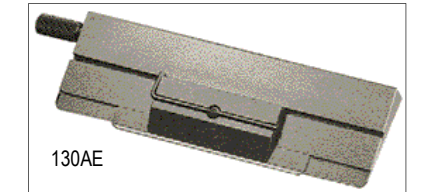
240E 240mm holder for *sliding* microtomes designed for sectioning large specimens.
Can be used with S35L (120mm), S35 or R35 (80mm) disposable blades.

LL09428 240mm blade holder for *sliding* microtomes with fast lever clamping



160E 160mm holder for *sliding* microtomes with fast action clamp.

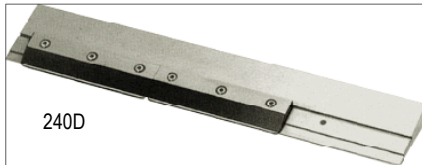
LL09429 160mm disposable blade holder for *sliding* microtomes with lever action



130AE 130mm holder for *rotary* microtomes with fast action clamp.

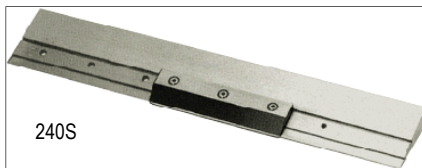
LL09430 130mm disposable blade holder for *rotary* microtomes with lever action

Standard Disposable Blade Holders



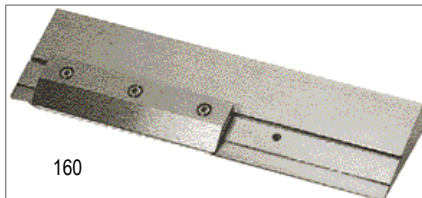
240D 240mm holder for *sliding* microtomes designed for sectioning large specimens.
Can be used with S35 or R35 (80mm) disposable blades. Both trimming and sectioning are possible on the one holder.

LL09425/D 240mm standard disposable blade holder for *sliding* microtomes



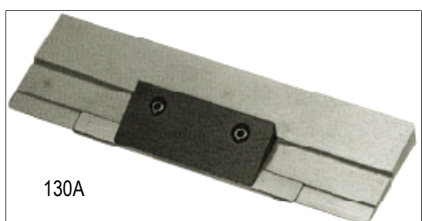
240S 240mm holder for *sledge* microtomes. Has one blade fixing plate.

LL09425 240mm standard disposable holder for *sledge* microtomes



160 The most popular holder. For *sliding* and *rotary* microtomes

LL09426 160mm Feather holder for *sliding* and *rotary* microtomes



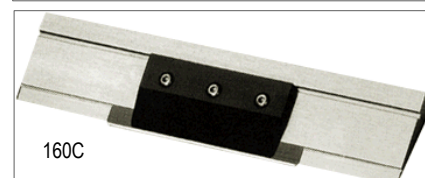
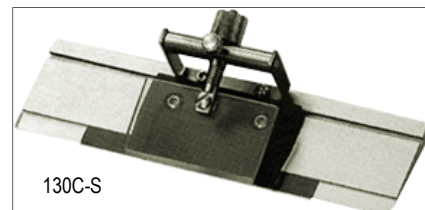
130A Standard Feather holder designed for *rotary* and *freezing* microtomes.

LL09427 130mm disposable blade holder for *rotary* and *freezing* microtomes

All holders manufactured from stainless steel

Cryostat Disposable Blade Holders

- 130C-S** Blade holder 130mm for cryo-sectioning *with* ant-roll guide
- LL09431 Cryo-sectioning blade holder 130mm *with* anti-roll guide
- 130C-A** Blade holder 130mm for cryo-sectioning *without* anti-roll guide
- LL09432 Feather blade holder for cryo-sectioning *without* anti-roll guide
- 160C** A new model 160mm for cryo-sectioning *without* anti-roll guide
- LL09433 160mm blade holder for cryo-sectioning *without* anti-roll guide

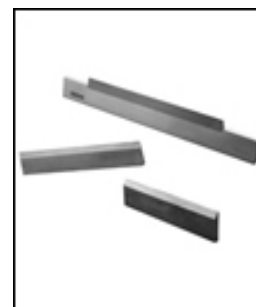


DDK Tungsten Carbide Knives

These cost effective knives offer outstanding section quality, easily cutting through a variety of densities with consistency and are unconditionally guaranteed. Made from 100% solid high grade tungsten carbide they are recommended for hard tissue, bone or material embedded in MMA, GMA, or frozen material. Available with 35°, 45° or 55° facet angles.

16cm Tungsten Carbide Knives for Ambient/Plastic Work

- K115/35** 35° Knife 16cm long DDK *tungsten carbide* profile **C** blade height 3.44cm
- K115/45** 45° Knife 16cm long DDK *tungsten carbide* profile **C** blade height 3.44cm
- K115/55** 55° Knife 16cm long DDK *tungsten carbide* profile **C** blade height 3.44cm
- K116/35** 35° Knife 16cm long DDK *tungsten carbide* profile **D** blade height 3.44cm
- K116/45** 45° Knife 16cm long DDK *tungsten carbide* profile **D** blade height 3.44cm
- K116/55** 55° Knife 16cm long DDK *tungsten carbide* profile **D** blade height 3.44cm



16cm Tungsten Carbide Knives for Cryostat Sectioning

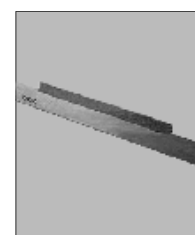
This tungsten carbide cutting edge is embedded in a steel holder for improved handling. Available in both C & D profiles.

C Profile

- K117/35** 35° 16cm Knife tungsten carbide C profile
- K117/45** 45° 16cm Knife tungsten carbide C profile
- K117/55** 55° 16cm Knife tungsten carbide C profile

D Profile

- K118/35** 35° 16cm Knife tungsten carbide D profile
- K118/45** 45° 16cm Knife tungsten carbide D profile
- K118/55** 55° 16cm Knife tungsten carbide C profile



A sharpening service is available for all DDK tungsten carbide knives

A sharpening service is available - please ask for details

Sectioning Tape Whole Body Autoradiography

- T410** Low temperature sectioning tape type 610 60mm x 50m
- T411** Low temperature sectioning tape type 610 340mm x 25m
- T546** Low temperature sectioning tape type 610 100mm x 50m

The above are *excellent* replacements for the now unavailable 3M 810

