

Microstar Diamond Knives

American knives with a huge range of holders. Each knife has a 12 month warranty against any defects. [Excellent performance and excellent value - highly recommended](#). The following types of knife are available:

SU Standard Ultramicrotomy **CW** Cryo Wet **CD** Cryo Dry

MT Materials Science **LH** Light Microscopy **LC** Light Microscopy Cryo

There are eight different boat styles but we supply standard black anodised holder type SU with oval cavity unless otherwise instructed, or for cryo, triangular stainless steel with non-glare finish. [Normal knife angle is 45° but 35° and 55° are no-cost options for some applications](#).

Microstar ultrathin knives Types SU, CD, CW, in sizes:

K080/10 1.0mm	K080/12 1.2mm	K080/14 1.4mm	K080/15 1.5mm
K080/16 1.6mm	K080/18 1.8mm	K080/20 2.0mm	K080/22 2.2mm
K080/24 2.4mm	K080/25 2.5mm	K080/26 2.6mm	K080/28 2.8mm
K080/30 3.0mm	K080/32 3.2mm	K080/34 3.4mm	K080/35 3.5mm
K080/36 3.6mm	K080/38 3.8mm	K080/40 4.0mm	K080/42 4.2mm
K080/44 4.4mm	K080/45 4.5mm	K080/46 4.6mm	K080/48 4.8mm
K080/50 5.0mm	K080/52 5.2mm	K080/54 5.4mm	K080/55 5.5mm
K080/56 5.6mm	K080/58 5.8mm	K080/60 6.0mm	

Microstar ultrathin knives type MT (Materials Science)

Ultramicrotomy knives suitable for difficult materials samples and not polished to the same degree as **SU** knives. Available in the following sizes:

K081/20 2.0mm	K081/25 2.5mm	K081/30 3.0mm	K081/35 3.5mm
K081/40 4.0mm	K081/45 4.5mm	K081/50 5.0mm	K081/55 5.5mm
K081/60 6.0mm	K081/65 6.5mm	K081/70 7.0mm	

Microstar light microscope knives types LH

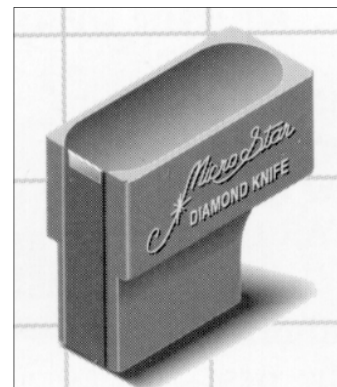
Knives suitable for thicker sections (>1µm) on ultramicrotomes or special motorised rotaries. Available in the following sizes:

K082/40 4.0mm	K082/45 4.5mm	K082/50 5.0mm	K082/55 5.5mm
K082/60 6.0mm	K082/65 6.5mm	K082/70 7.0mm	K082/75 7.5mm
K082/80 8.0mm	K082/85 8.5mm	K082/90 9.0mm	K082/95 9.5mm
K082/100 10.0mm			

Microstar light microscope knives types LC

Knives suitable for cryostat sectioning (>1µm) or low temperature materials EM. Available in the following sizes:

K083/40 4.0mm	K083/45 4.5mm	K083/50 5.0mm	K083/55 5.5mm
K083/60 6.0mm	K083/65 6.5mm	K083/70 7.0mm	K083/75 7.5mm
K083/80 8.0mm	K083/85 8.5mm	K083/90 9.0mm	K083/95 9.5mm



Microstar type SU



Microstar type CD