

## Microstar Diamond Knives

American knives with a large 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 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:**

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

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

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

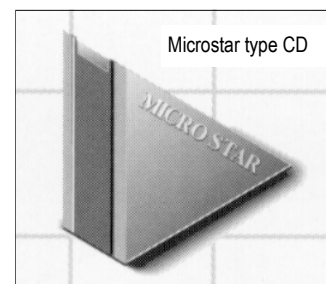
**Microstar light microscope knives types LC**

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

<b>K083/40</b> 4.0mm	<b>K083/45</b> 4.5mm	<b>K083/50</b> 5.0mm	<b>K083/55</b> 5.5mm
<b>K083/60</b> 6.0mm	<b>K083/65</b> 6.5mm	<b>K083/70</b> 7.0mm	<b>K083/75</b> 7.5mm
<b>K083/80</b> 8.0mm	<b>K083/85</b> 8.5mm	<b>K083/90</b> 9.0mm	<b>K083/95</b> 9.5mm
<b>K083/100</b> 10.0mm			



Microstar type SU



Microstar type CD



Microstar Knife in Box