

# SYM Metálica (WC)

Tungsten Carbide

## for Microtome & Ultra Microtome



## Get a beautiful single-metal\* block face

\*Iron, copper, aluminum, etc. / layered composite plate

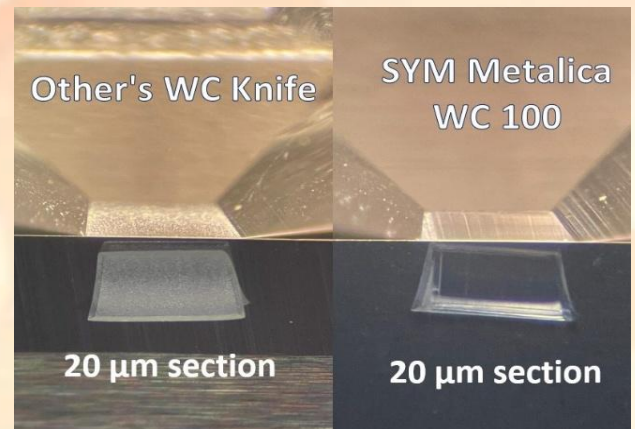
## Easily handles large samples

### Features of SYM Metálica

#### Point 1: Good to cut difficult thickness by diamonds

Sharper than existing tungsten carbide knives. Look at 20  $\mu$ m sections comparison of the same epoxy resin sample.

As you can see, the cut is clean and smooth. This product can cut epoxy resin cleanly in the range of between 1  $\mu$ m and 20  $\mu$ m thickness.

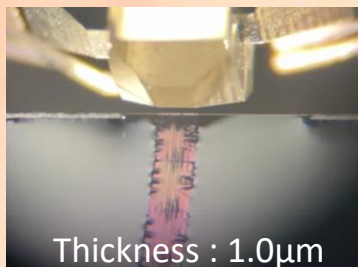


Various options!

Need wide samples for light microscopy? AQUA is your answer



Aqua 5mm



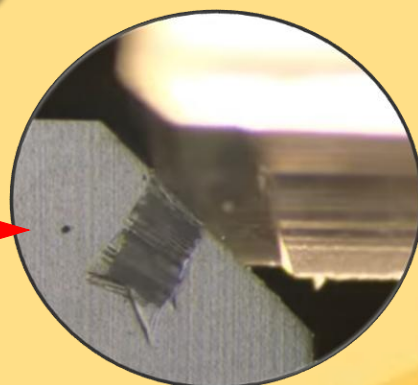
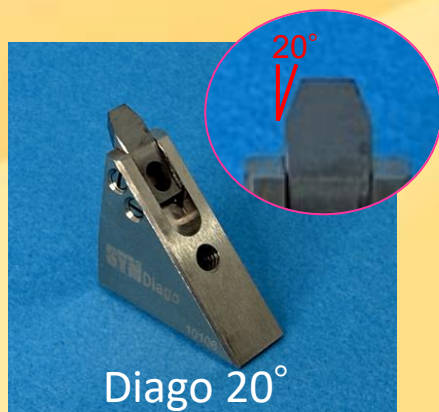
Thickness : 1.0 $\mu$ m

### SYM Metálica Aqua

For those who need section collection, AQUA is also available with a boat. With its wide 5 mm edge, it's perfect for rough cutting before final slice.

The Next Evolution

# SYM Metálica Diago



Available to cut  
by diagonal part

## A perfect alternative to glass knives

These are 20 and 45-degree diagonal version of the Metalica. This design allows precise cutting without rotate the knife stage, making it easy to focus on specific areas for resin block trimming. It is OK to use under cryo condition.

### Point 2: Reduce your time, effort, and failure.



### Good news for glass knife users.

No more time-consuming prep and avoid prone to injuries.

This knife is more durable, requires no preparation, and delivers high precision with consistent quality.

※Available to set on rotary microtome\* and ultra microtome.

\*A special stage (for glass knives) is required for use with a rotary microtome

#### Line-up of SYM Metálica / Diago

| Item No.        | Width | Blade angle / Corners of blade |
|-----------------|-------|--------------------------------|
| WC50            | 5mm   | 45° / 90°                      |
| WC100           | 10mm  | 45° / 90°                      |
| WC200           | 20mm  | 45° / 90°                      |
| WC300           | 30mm  | 45° / 90°                      |
| WC5020D (Diago) | 5mm   | 45° / 20°                      |
| WC5045D (Diago) | 5mm   | 45° / 45°                      |
| WC50A (Aqua)    | 5mm   | 45° / 90°                      |

Engineered for Everyday Excellence!



SYNTEK CO., LTD (Japan)

