

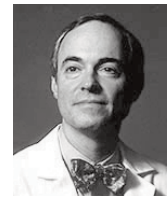
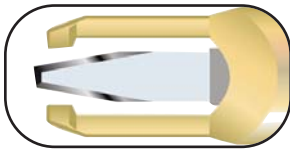
# LRI Diamond Knives

## Multi-Preset Depth Settings



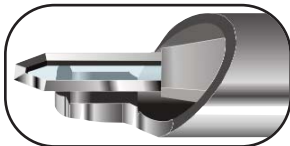
### Koch Double-Footplate LRI Diamond Knife: AE-8122

- Trisfaceted blade for controlled entry
- Double-footplate ensures consistent wound architecture
- Side-cutting edges for easy wound extension
- 3 depth settings: 500, 550, and 600 $\mu$
- Also available with 450, 500, and 550 $\mu$  depth settings for small pupils: **Miyata Double-Footplate LRI Diamond Knife (AE-8122A)**



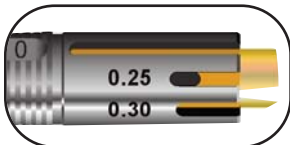
**Douglas Koch, MD**  
Houston, TX

*"The key features of the diamond knife are it produces minimal tissue drag and it provides excellent visualization of the blade."*

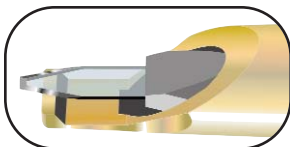


### ASICO Multi-Incision Diamond Knife: AE-8133

- 10-facet blade
- Single-footplate for better visualization
- Side-cutting edges for easy wound extension
- 7 adjustable depth settings up to 6000 $\mu$  for various procedures
- 3 depth settings for LRI: 500, 550, and 600 $\mu$



Incision	Depth Setting	Footplate Position
Cataract Groove	250, 300 $\mu$	Vertical
Glaucoma Flap	380 $\mu$	Horizontal, above diamond
LRI	500, 550, 600 $\mu$	Vertical
Sideport Incision	6000 $\mu$	Horizontal, above diamond



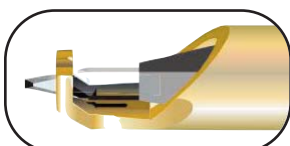
### ASICO 3-Step LRI Diamond Knife: AE-8187

- Trisfaceted blade for controlled entry
- Single-footplate for better visualization
- Side-cutting edges for easy wound extension
- 3 depth settings: 500, 550, and 600 $\mu$
- Also available with 450, 500, and 550 $\mu$  depth settings for small pupils: AE-8186



**Alan Crandall, MD**  
Salt Lake City, UT

*"ASICO's new LRI diamond knife design offers less epithelium drag and is at the best angle for subincisional work; I have also found it the easiest diamond knife for my residents to learn astigmatism correction with."*



### Fukuyama 3-Step LRI Diamond Knife: AE-8194A

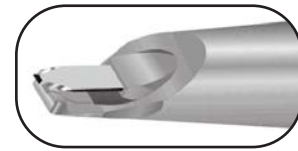
- Lancet blade
- Side-cutting edges for easy wound extension
- Double-footplate for consistent wound architecture
- 3 depth settings: 450, 500, and 550 $\mu$



**Eriko Fukuyama, MD**  
Fukuoka, Japan

*"The narrow width of the footplate on this diamond knife helps to prevent corneal epithelial detachments, permits arcuate incisions, and enables viewing of the operating field easily."*

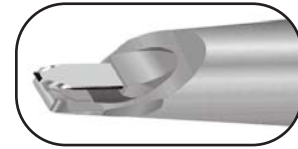
## Preset Depth Settings



### Zaldivar LRI Diamond Knife: AE-8147S

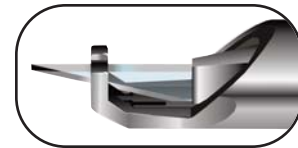
- Trifacet blade for controlled entry
- Side-cutting edges for easy wound extension
- Single-footplate for better visualization
- Preset depth setting of 600 $\mu$

## Continuous Depth Settings



### ASICO Dual Micrometer LRI Diamond Knife: AE-8196

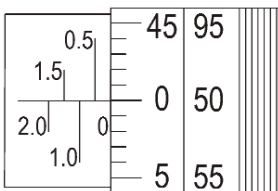
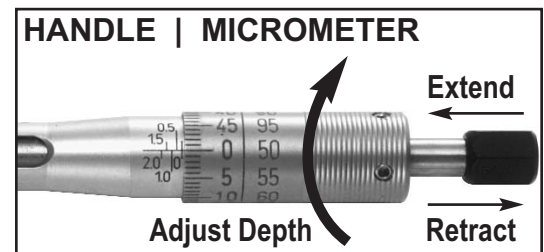
- 6-facet blade
- Side-cutting edges for easy wound extension
- Single-footplate for better visualization
- Precise depth settings up to 2000 $\mu$



### Fukuyama LRI Diamond Knife: AE-8194

- Lancet blade
- Side-cutting edges for easy wound extension
- Double-footplate for consistent wound architecture
- Precise depth settings up to 2000 $\mu$

# ASICO Advantage: Depth Setting Memory



**Figure 1**  
Depth Setting at 0.00mm

### Setting the Blade Depth:

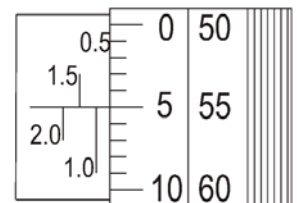
The blade depth can be set prior to surgery while the blade is still retracted. The blade extends and retracts by pushing or pulling on the end. To adjust the depth, rotate the micrometer clockwise and align to the horizontal line on the handle. A full rotation is equal to 0.50mm and every horizontal line on the micrometer is equal to 0.01mm.

**Figure 1** shows that the blade depth has been set to 0.00mm. Notice how the edge of the micrometer aligns to the 0 on the handle.

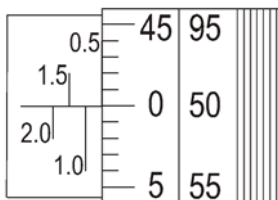
In **Figure 2**, the micrometer has been rotated once completely and the depth is set at 0.50mm. Notice how the edge of the micrometer aligns to the 0.5 on the handle.

There are two sets of numbers on the micrometer to make identifying the blade depth easier: In **Figure 3**, the depth has been set to 0.55mm. Instead of having to add 0.5 and 0.05 in your head, you can simply reference the second set of numbers (55). The second set of numbers can also be referenced for depths between 1.50 and 2.00mm.

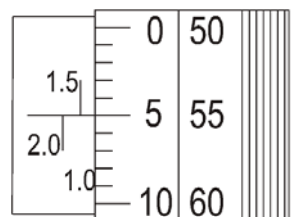
In **Figure 4**, the depth has been set at 1.05mm. In this case, you would reference the first set of numbers (5).



**Figure 3**  
Depth Setting at 0.55mm



**Figure 2**  
Depth Setting at 0.50mm



**Figure 4**  
Depth Setting at 1.05mm

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**ASICO**  
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