

# KAI MEDICAL MICROSURGERY KNIFE



Founded in 1908 in Seki-shi, Gifu Prefecture, Japan, the KAI Group is a cutlery manufacturer with over 100 years of history. Based on the "Blacksmithing spirit" of making tools for everyday life with excellent craftsmanship, the company has continued to innovate with advanced factory facilities and improved production technologies.

The KAI Group incorporates the "DUPS" concept in product development. The products have to be well-designed (Design), unique (Uniqueness), patent-worthy (Patents), safe (Safety) and full of stories (Stories). Our goal is to create products that meet these criteria, and through our products, we hope to create wonderful experiences and enjoyable moments for our customers. Today, we offer more than 10,000 products, ranging from kitchenware, confectionery, beauty care products (household items) to professional cutlery and medical products.

We will continue to strive to make our products an integral part of the daily lives of people around the world, taking into account the materials they are made from and the environmental impact of their disposal.

In the field of medical products, we use the technology we have developed in the production of razors and the other unique technology we have upgraded over the years to manufacture blades and instruments for use in ophthalmology, surgery and dermatology.

By improving the quality of our blades, we strive to improve the safety of the medical treatment and the quality of life (QoL) of patients around the world.


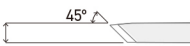




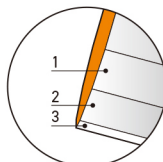
## STAB KNIVES

Cataract Surgery - Side Port, Lamellar Scleral Dissection



Ref No.	Description
A-15F	w=1.7mm 
A-45F	w=1.7mm 

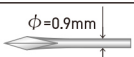
Our Stab Knife is made using the technology we have refined over the years in the manufacture of razor blades. Three bevel edge of the blade tip enables the smooth penetration and consistent sharpness.



## MVR KNIVES

Cataract Surgery - Side port / Vitreoretinal Surgery - Scleral Incision






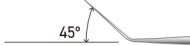
Ref No.	Description
VK-20GF	

Specifically designed for side port of cataract surgery and for vitreoretinal surgery.

## CLEAR CORNEAL KNIVES

Cataract Surgery - Main port incision, Anterior Chamber Entry



Ref No.	Description
CCR-24AGF	w=2.4mm 
CCR-28AGF	w=2.8mm 
CCR-30AGF	w=3.0mm 
Double Bevel	Angle 45° 

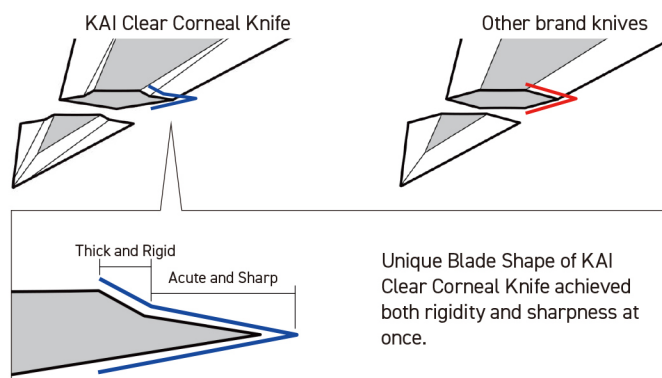
Double Bevel



Material : Stainless steel rod

- Broad choice of knife size (1.8mm - 3.2mm)
- The blade material is stainless steel rod. Clear corneal knife shaft is rigid by the rod material. It could be easier to transmit your operation directly to the blade tip. KAI forging technology is used for shaping the blade tip.

Unique Blade Shape of KAI Clear Corneal Knife










# SLIT KNIVES

Cataract Surgery - Main port incision, Anterior Chamber Entry



Ref No.	Description
SLU-22AGF	w=2.2mm 
SLU-24AGF	w=2.4mm 
SLU-28AGF	w=2.8mm 
SLU-30AGF	w=3.0mm 
SLU-32AGF	w=3.2mm 

Bevel UP      Angle 45°      

Bevel Up



Material : Stainless steel plate

- Broad choice of knife size (1.3mm, 1.8mm - 3.2mm)
- The blade material is stainless steel plate and its thin blade tip is sharpened by computer driven grinding technology.

# CRESCENT KNIVES


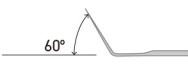
Cataract Surgery - Scleral Tunnel



Either straight or tapered sides are available to create the optimal tunnel or flap.

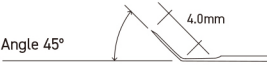
CWU type (Tapered)

Bevel Up

Ref No.	Description
	w=2.6mm 
CWU-26AGF	Angle 60° 

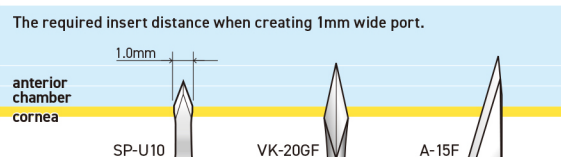
# SIDEPORT KNIFE UTILITY



Ref No.	Description
SP-U10	Angle 45° 

## Stable Incision with Short Penetration

- The angle is made closer from the tip (SP-U10) and the length from the tip is 4.0mm, which enables to make stable incision of 1.0mm width even shorter penetration than MVR (VK-20GF) / stab knife (A-15F).





- 45 degree angled blade enables the penetration from upper/ temporal/ nasal direction. Easy in making a stable incision even with a retractor for microcornea eyes.
- Better selection for surgeons who prefer symmetric shape of the blade.

IMPLANT KNIVES

Cataract Surgery - Incision Widening for IOL

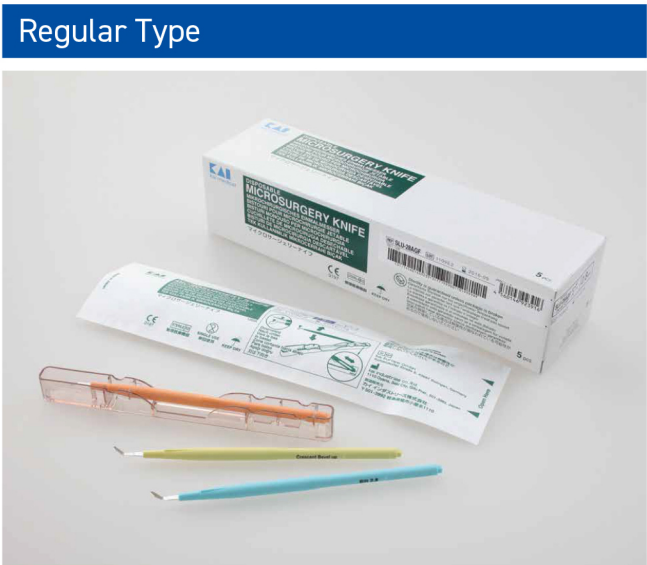


Manufactured to extend the incision for IOL implantation to create the exact size required to implant your intraocular lens of choice.

Ref No.	Description
RNU-52AGF	w=5.2mm 
Bevel Up	Angle 45° 

Product list - Regular type

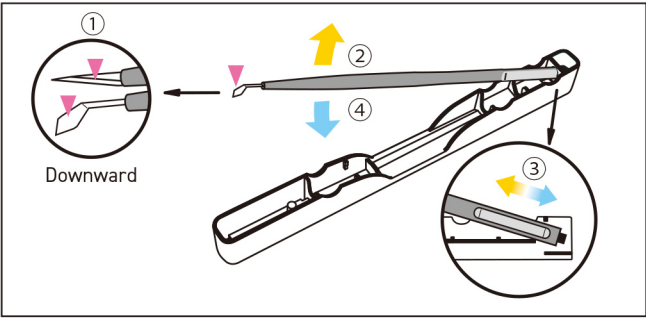
Application	Description	Ref No.	Blade width	Bevel	Straight or Angled	Indication (line, dot)	Material (Plate/Rod)
Cataract Surgery - Side port - Lamellar Scleral Dissection	<b>STAB KNIVES</b>						
	Stab knife 15°	A-15F	1.7mm	-	Straight	-	Plate
	Stab knife 45°	A-45F	1.7mm	-	Straight	-	Plate
Cataract Surgery - Side port Vitreoretinal Surgery - Scleral Incision	<b>MVR KNIVES</b>						
	MVR knife 20 Gauge, Dia. 0.9mm	VK-20GF	20 Gauge	-	Straight	-	Rod
Cataract Surgery - Side port	<b>SIDEPORT KNIVES</b>						
	Sideport knife utility 1.0mm	SP-U10	1.0mm	-	Angled 45°	-	Plate
Cataract Surgery - Main port incision	<b>CLEAR CORNEAL KNIVES</b>						
	Clear corneal knife 2.4mm	CCR-24AGF	2.4mm	Double Bevel	Angled 45°	-	Rod
	Clear corneal knife 2.8mm	CCR-28AGF	2.8mm	Double Bevel	Angled 45°	-	Rod
	Clear corneal knife 3.0mm	CCR-30AGF	3.0mm	Double Bevel	Angled 45°	-	Rod
	<b>SLIT KNIVES</b>						
	Slit knife 2.2mm	SLU-22AGF	2.2mm	Bevel Up	Angled 45°	-	Plate
	Slit knife 2.4mm	SLU-24AGF	2.4mm	Bevel Up	Angled 45°	-	Plate
	Slit knife 2.8mm	SLU-28AGF	2.8mm	Bevel Up	Angled 45°	-	Plate
	Slit knife 3.0mm	SLU-30AGF	3.0mm	Bevel Up	Angled 45°	-	Plate
	Slit knife 3.2mm	SLU-32AGF	3.2mm	Bevel Up	Angled 45°	-	Plate
Cataract Surgery - Incision Widening for IOL	<b>IMPLANT KNIVES</b>						
	Implant knife 5.2mm	RNU-52AGF	5.2mm	-	Angled 45°	-	Plate
Cataract Surgery - Scleral Tunnel	<b>CRESCENT KNIVES</b>						
	Crescent knife 2.6mm, Tapered	CWU-26AGF	2.6mm	-	Angled 60°	-	Plate



Sterile and ready to use  
Each knife in a protection tray  
5 pieces per dispenser box  
GS1-128 bar-code

Case removal and storage

Lift the handle (②) to remove. To store, insert the back of the handle into the case with the blade tip facing down (① and ③) and put the handle back in the case (④).





Product specifications may change without notice.



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