FEATHER®

Micro Surgery

Micro Surgical Blade for Fine Incision

Blade handle

MADE IN JAPAN

Micro Surgical Blade for Fine Incision

Micro Surgical Blade for Fine Incision is a product developed as a special blade for micro surgery with a systematized blade and handle. A sharp precision tip realized on high-quality stainless steel and a highly original shape guarantee excellent ease of use and working efficiency which can hardly be provided by conventional blades.

Sterilized with gamma radiation

The blade is stored in a plastic case protecting the tip, seal packed and then sterilized with gamma radiation.
The blade is therefore available for use immediately after opening of the package.

Possibility of sterilization by autoclaving

The plastic case is made of an autoclavable resin which makes it possible to sterilize the blade by autoclaving while in the case.

	Actual size	Expanded view
K-5100	e.g. : For dura mater	Blade thickness : 0.25mm Guide Blade
K-5110	e.g. : For dura mater	Blade thickness : 0.25mm Guide Blade
K-5200	e.g. : For arachnoid membrane	Depth controller (both side) Blade thickness : 0.25mm ø:2.6mm 2.0mm 0.3mm Blade
K-5210	e.g. : For arachnoid membrane	Depth controller (one side) Blade thickness : 0.25mm ø:2.6mm 2.0mm 0.3mm Blade
K-5300	Straight blade	Blade thickness : 0.38mm Angle : 30˚ 2.0mm 30˚ Blade
K-5310	Straight Blade	Blade thickness : 0.38mm Angle : 25˚ 1.0mm 25˚ Blade
K-5400	Curve blade	Blade thickness : 0.38mm 2.0mm Blade
K-5410	Curve blade	Blade thickness : 0.38mm 1.0mm Blade
K-5411	Curve blade	Blade thickness : 0.38mm 1.0mm Blade
K-5420	Curve blade	Blade thickness : 0.38mm Blade tip in round shape 1.0mm Blade
K-5421	Curve blade	Blade thickness : 0.38mm Blade tip in round shape 1.0mm Blade

Packed : Box of 5 blades

	Actual size	Expanded view
K-5500	Hook blade	Blade thickness : 0.38mm 2.0mm 30˚ Blade
K-5510	Hook blade	Blade thickness : 0.38 mm 1.0mm 30˚ Blade
K-5520	Hook blade	Blade thickness : 0.38 mm 1.0mm 30˚ Blade
K-5600	e.g. : For arachnoid membrane	Blade thickness : 0.38 mm Blade 1.5mm
K-5610	e.g. : For arachnoid membrane	Blade thickness : 0.38mm Saw-toothed on one face 1.5mm Blade
K-18R	e.g. : For myringotomy	75mm Blade thickness : 0.6mm 1.8mm
K-15R	e.g. : For myringotomy	69mm Blade thickness : 0.6mm 1.5mm
K-15L	e.g. : For myringotomy	69mm Blade thickness : 0.6mm 1.5mm
K-12R	e.g. : For myringotomy	63mm Blade thickness : 0.6mm 1.2mm
K-12L	e.g. : For myringotomy	63mm Blade thickness : 0.6mm 1.2mm
K-30	e.g. : For laryngotomy	53.5mm Blade thickness : 0.6mm 1.5mm
K-50S	e.g. : For nasal mucosa	29.5mm Blade thickness : 0.6mm 2.8mm 10mm

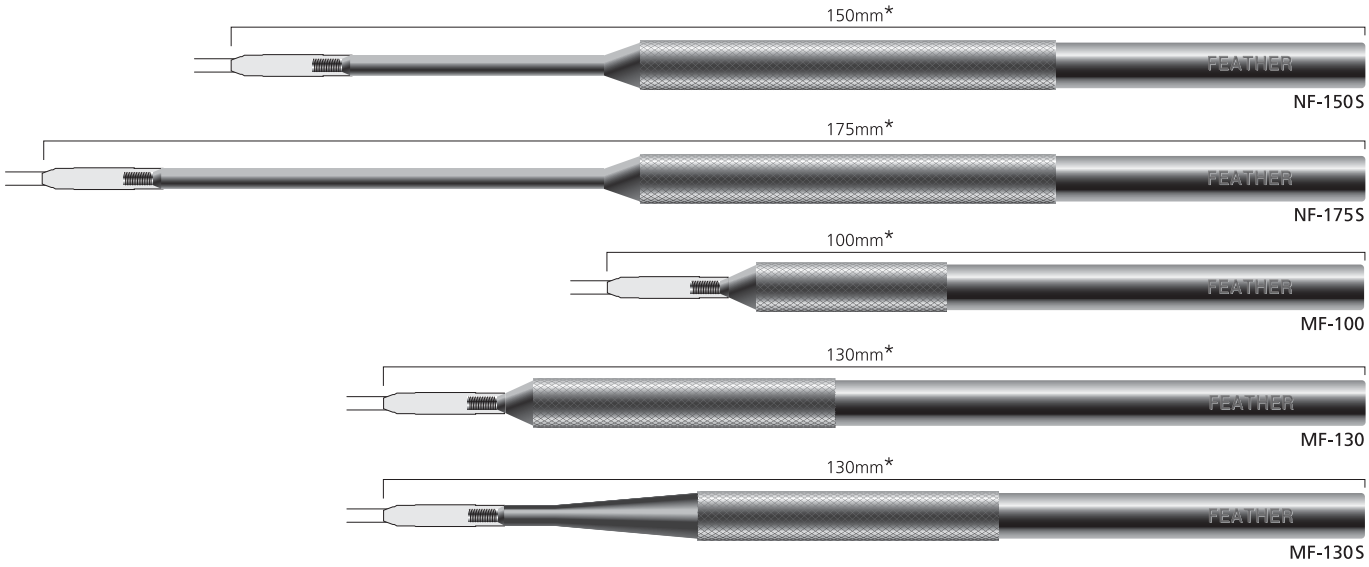
Packed : Box of 5 blades

Blade handle

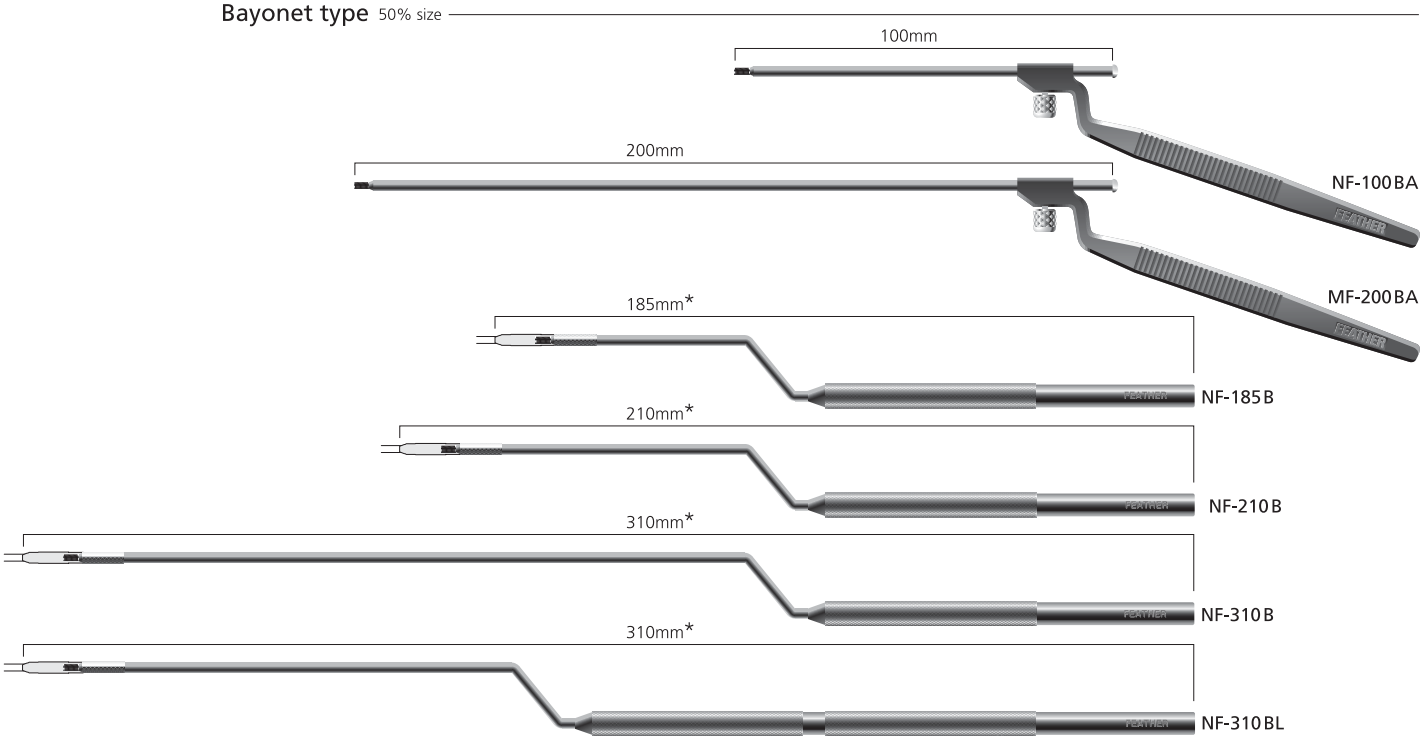
The special blade handle made of a titanium alloy is lightweight and easy to use and has excellent durability.

* The length shown below includes the base of the blade.

Straight type Actual size

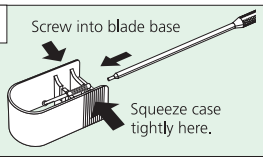


Bayonet type 50% size



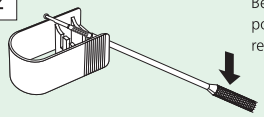
Blade and handle assembly

1 Screw into blade base



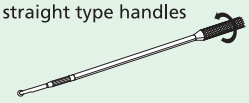
Firmly hold the blade case in the striated area. Then, while keeping the blade from turning, screw the tip of the handle into the base of the blade.

2



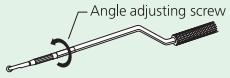
Being careful not to damage the blade point, lower the handle grip and remove the blade from the case.

For straight type handles



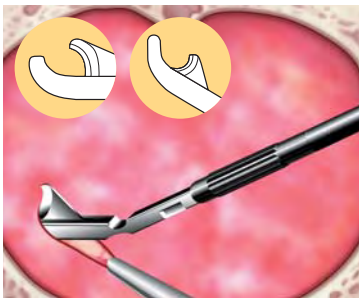
Once the blade has been removed from the case, tighten the screw until it turns no further.

For bayonet type handles

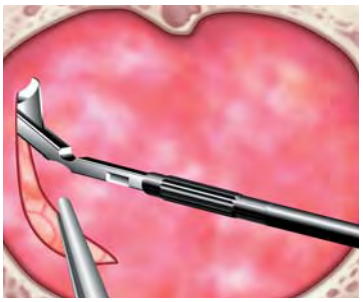


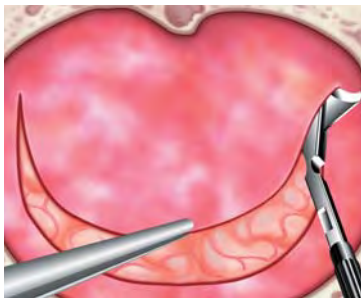
Face the blade in the desired direction. While holding it still with your fingers, tighten the angle adjusting screw until it turns no further.

K-5100 / K-5110



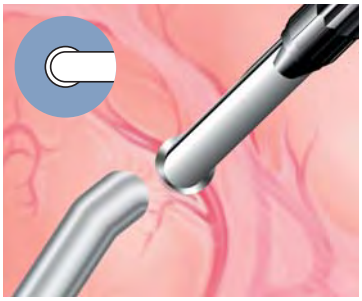
Open a small slit in the dura mater with the blade, insert the guide part of the dura mater blade, and adjust the angle of the blade so that the tip may touch the dura mater at a right angle.





Pinch one end of the dura mater with a pincette, add tension and cut the dura mater while pushing it.
(If the cutting is difficult, readjust the angle of the blade.)

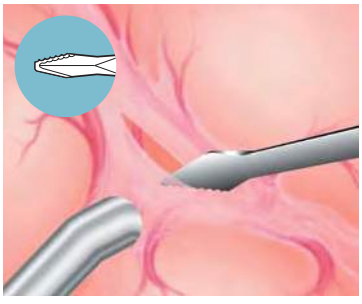
K-5200 / K-5210



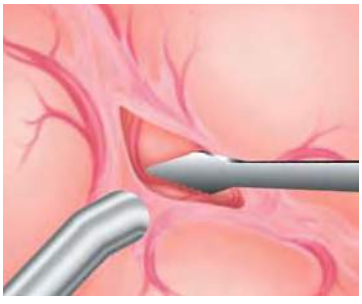
Cut the arachnoid membrane on the tissue and the blood vessel with the circular blade while gently pushing it.
(If the tip of the blade cannot be seen well, use a single-side guard K-5210.)

A safety guard is provided, but the blade may penetrate deeper than necessary if you push too strongly. Start cutting gently and then increase the cutting power gradually.

K-5610



The arachnoid membrane running on the blood vessel can be cut safely by means of a saw-tooth tip.



It is also possible to peel off the arachnoid membrane and the brain by using the side face of the blade.

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