



Neurosurgery

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Neurosurgery

Skull Opening



FF007P

ScalpFix® Applicator, Polymer

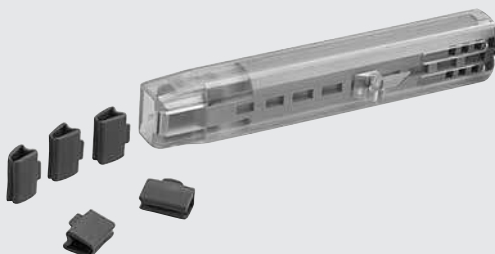
Catalog Number
FF007P



FF012R

ScalpFix Applicator, Aluminum

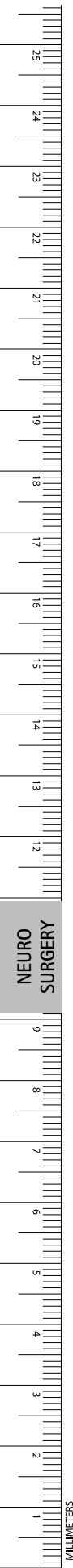
Catalog Number
FF012R



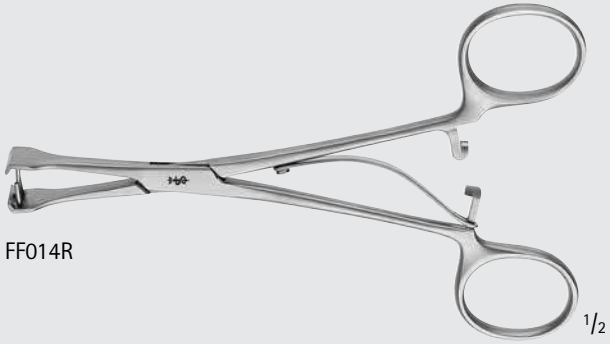
FF013P

ScalpFix Scalp Clip, Single Use

Catalog Number	Packaging
FF013P	BOX = 20 PAC OF 10 PC (200 CLIPS TOTAL)




NEURO SURGERY

FF014R 1/2

ScalpFix® Removal Forceps

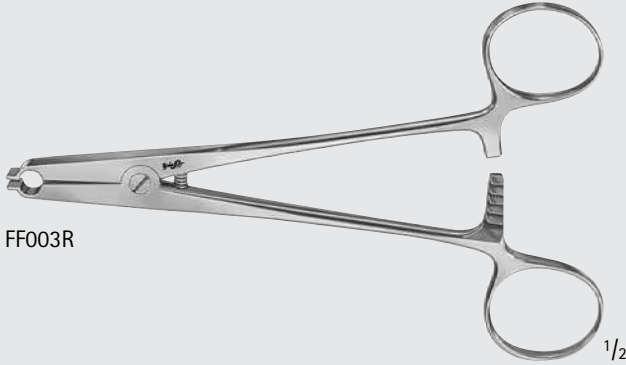
Catalog Number	Length (in.)
FF014R	6



FF015P 1/1

RANEY Plastic Scalp Hemostasis Clip, Sterile


Catalog Number	Sales Unit
FF015P	BOX = 20 PACK OF 10 PC (200 CLIPS TOTAL)



FF003R 1/2

RANEY Applying and Removing Forceps for Scalp Hemostasis Clips

Catalog Number	Compatible w/	Length (in.)
FF003R	FF015P	6 1/4



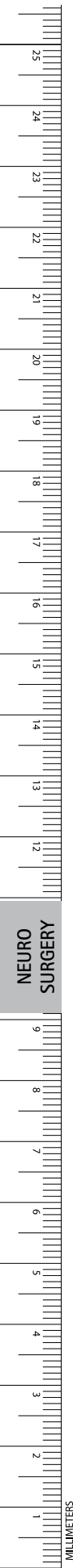
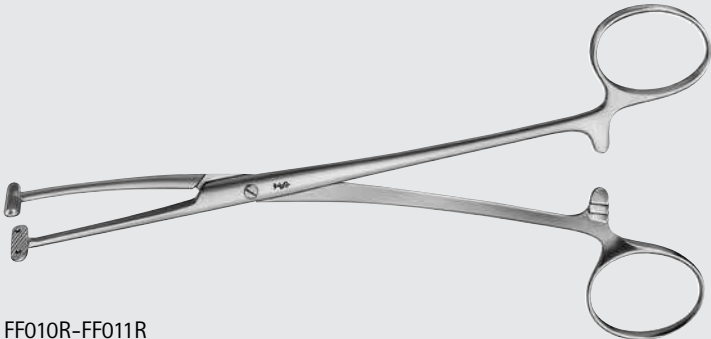
FF005R 1/2

Scalp Hemostasis Clip

Catalog Number	Sales Unit
FF005R	BOX OF 10

Neurosurgery

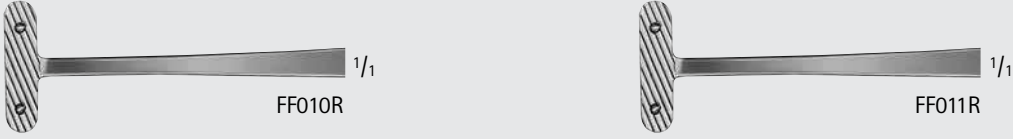

Skull Opening

Scalp Flap Forceps

Catalog Number	Author	Shape	Length (in.)
FF010R	DEMARTEL	SLIGHT-CVD	5 1/4
FF011R	WILLETT-DEMARTEL	SLIGHT-CVD	7 1/4

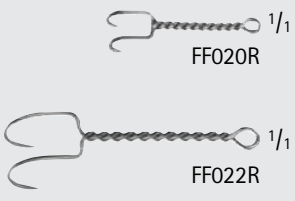

FF010R-FF011R

YASARGIL Spring Hook, F/ Galea Fixation W/ Bulldog Clamp

Catalog Number	Tip
FF020R	SMALL
FF022R	LARGE


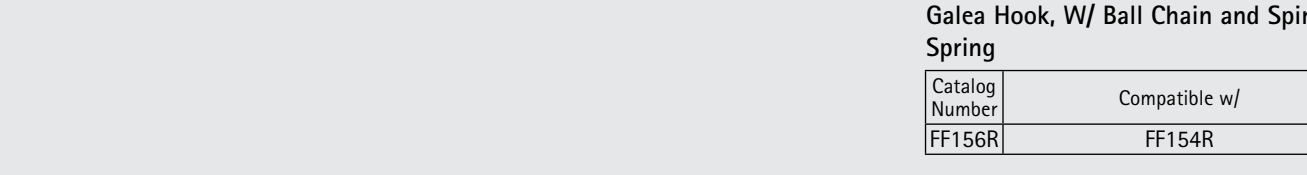
FF020R-FF022R

Galea Hook, W/ Ball Chain

Catalog Number	Compatible w/
FF155R	FF154R


FF155R





Galea Hook, W/ Ball Chain and Spiral Spring

Catalog Number	Compatible w/
FF156R	FF154R

FF156R






FF056R

1/2

HUDSON Drill Brace

Catalog Number
FF056R




FF057R

1/2

HUDSON Drill Brace Extension

Catalog Number
FF057R



FF061R

FF062R

FF063R

FF064R

1/2


1/2

1/2

1/2

HUDSON Burr

Catalog Number	Diameter (mm)
FF061R	9.0
FF062R	14.0
FF063R	16.0
FF064R	22.0




FF065R

1/2

ADSON Burr

Catalog Number	Diameter (mm)
FF065R	15.0




FF066R

1/2

MCKENZIE Twist Drill

Catalog Number	Diameter (mm)
FF066R	13.0




FF067R

1/2

CUSHING Flat Drill

Catalog Number	Diameter (mm)
FF067R	14.0

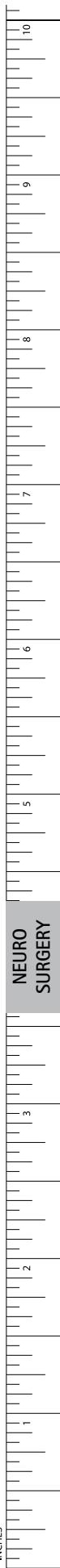


FF068R

1/2

Twist Drill

Catalog Number	Diameter (mm)
FF068R	2.0

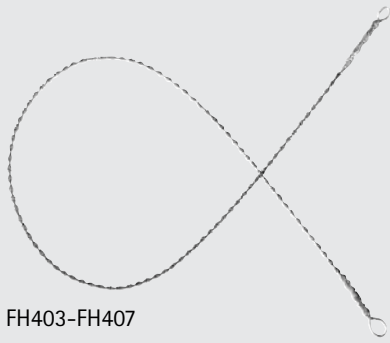


NEURO SURGERY

INCHES

Neurosurgery

Skull Opening



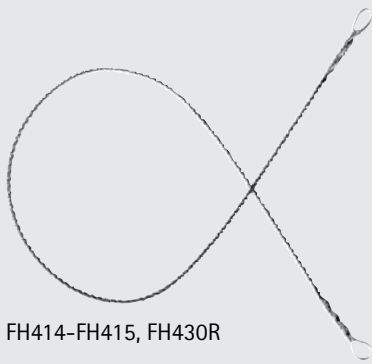
FH403-FH407



FH403-FH407

OLIVECRONA Wire Saw

Catalog Number	Diameter (mm)	Sales Unit	Length (in.)
FH403	1.2	BOX OF 5	11 3/4
FH404	1.2	BOX OF 5	15 3/4
FH405	1.2	BOX OF 5	19 3/4
FH407	1.2	BOX OF 5	27 1/2



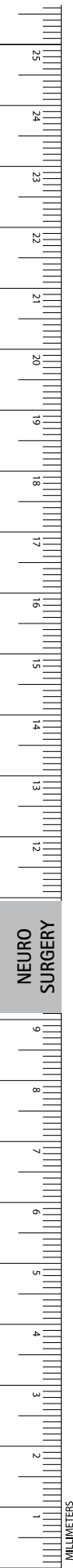
FH414-FH415, FH430R



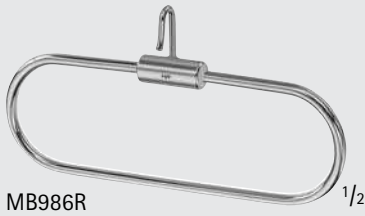
FH414-FH415, FH430R

GIGLI Wire Saw

Catalog Number	Diameter (mm)	Wires	Sales Unit	Length (in.)
FH414	1.4	6	BOX OF 5	15 3/4
FH415	1.4	6	BOX OF 5	19 3/4
FH430R	1.8	4	BOX OF 5	19 3/4



NEURO SURGERY



MB986R

1/2

GIGLI Saw Handle F/ Wire Saws

Catalog Number	Packaging
MB986R	2 PER PACKAGE



FH480R

1/2

GIGLI Hook Handle, F/ Wire Saws

Catalog Number	Packaging
FH480R	2/SET

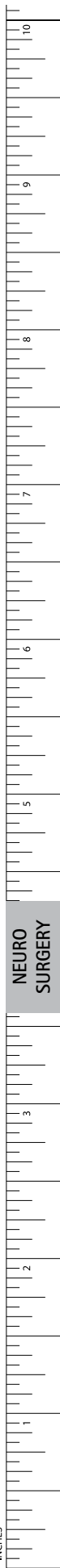
1/2



FF130R

DEMARTEL Conductor

Catalog Number	Compatible w/	Length (in.)
FF130R	GIGLI AND OLIVECRONA WIRE SAWS	13 3/4



NEURO SURGERY

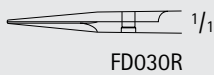
INCHES

Neurosurgery

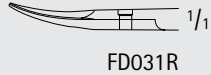
Micro Scissors, Bayonet-Shaped



FD030R-FD031R



FD030R



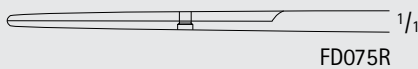
FD031R

YASARGIL Micro Scissors

Catalog Number	Tip	Blade	Length (in.)
FD030R	S/S	STR	6 1/2
FD031R	S/S	CVD-UP	6 1/2



FD075R



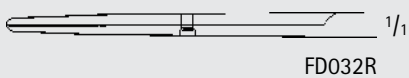
FD075R

YASARGIL Micro Dissecting Scissors

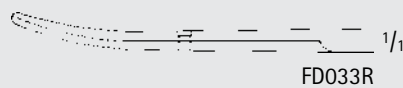
Catalog Number	Tip	Blade	Length (in.)
FD075R	B/B	STR	7 1/4



FD032R-FD033R



FD032R



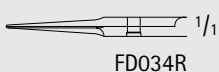
FD033R

YASARGIL Micro Dissecting Scissors

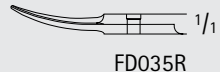
Catalog Number	Tip	Blade	Length (in.)
FD032R	B/B	STR, SERR	7 7/8
FD033R	B/B	CVD-UP, SERR	7 7/8



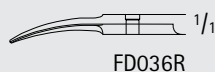
FD034R-FD036R



FD034R



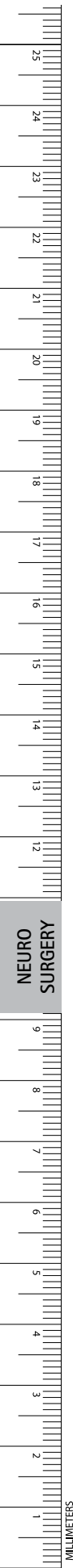
FD035R



FD036R


YASARGIL Micro Scissors

Catalog Number	Tip	Blade	Length (in.)
FD034R	S/S	STR, SERR	7 7/8
FD035R	S/S	CVD-UP, SERR	7 7/8
FD036R	S/S	CVD-DOWN, SERR	7 7/8

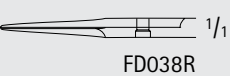
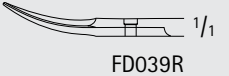
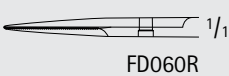


NEURO SURGERY


FD038R-FD060R



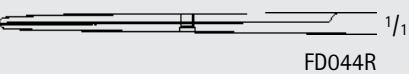
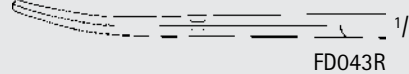
Catalog Number	Tip	Blade	Length (in.)
FD038R	S/S	STR	8 7/8
FD039R	S/S	CVD-UP	8 7/8
FD060R	S/S	STR, TOOTHED	8 7/8


FD043R-FD044R



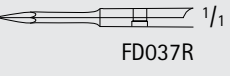
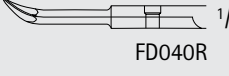
Catalog Number	Tip	Blade	Length (in.)
FD044R	S/S	STR	8 7/8
FD043R	S/S	CVD-UP	8 7/8

FD037R-FD040R



Catalog Number	Tip	Blade	Length (in.)
FD037R	S/S	STR	8 7/8
FD040R	S/S	CVD-UP	8 7/8

FD061R



Catalog Number	Tip	Blade	Length (in.)
FD061R	S/S	CVD-UP	9 5/8



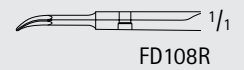
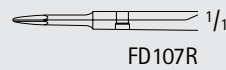
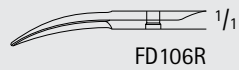
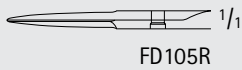
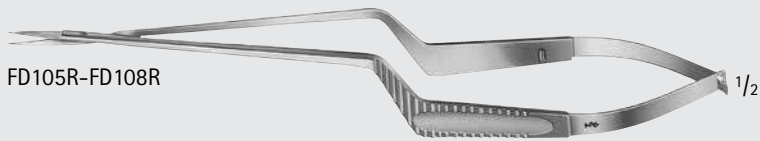
Neurosurgery

Micro Scissors, Bayonet-Shaped



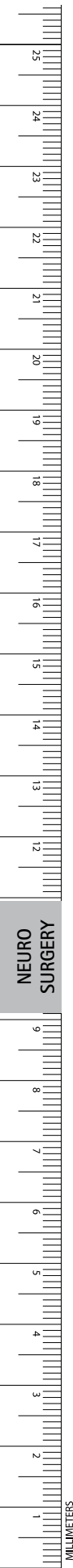
YASARGIL Wire Cutting Scissors

Catalog Number	Tip	Blade	Length (in.)
FD062R	S/S	1-SERR	8 $\frac{1}{4}$



Micro Vessel Scissors

Catalog Number	Tip	Blade	Length (in.)
FD105R	S/S	STR	7 $\frac{1}{2}$
FD106R	S/S	CVD	7 $\frac{1}{2}$
FD107R	S/S	DEL, STR	7 $\frac{1}{2}$
FD108R	S/S	DEL, CVD	7 $\frac{1}{2}$



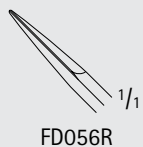
NEURO SURGERY



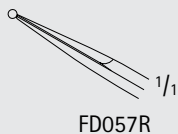
FD056R-FD057R

NAGEL Micro Scissors

Catalog Number	Tip	Blade	Length (in.)
FD056R	S/S	45°	7 7/8
FD057R	1 BALL-PT	45°	7 7/8



FD056R



FD057R



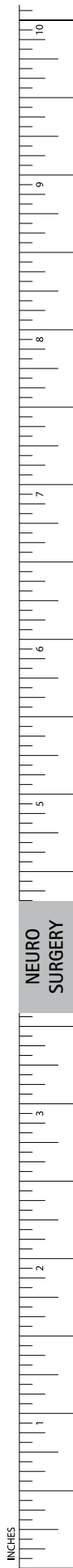
FD059R

DEBAKEY Circumflex Micro Scissors

Catalog Number	Tip	Blade	Length (in.)
FD059R	S/S	125°	7 1/2



FD059R

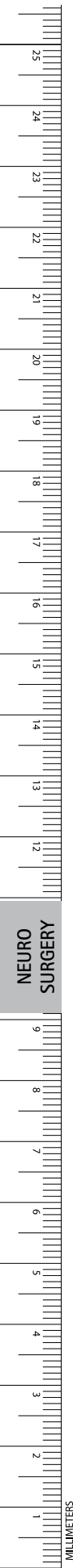


NEURO SURGERY

INCHES

Neurosurgery

Micro Forceps

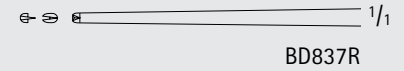
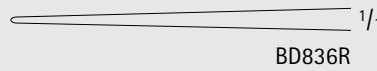
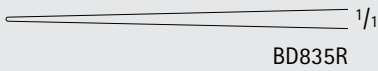


BD835R-BD837R

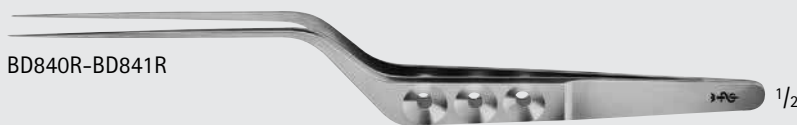


YASARGIL Micro Forceps, Bayonet-Shaped

Catalog Number	Tip Size (mm)	Teeth	Length (in.)
BD835R	0.6	-	7
BD836R	0.9	-	7
BD837R	-	1 x 2	7

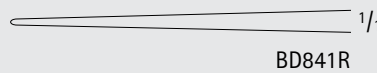
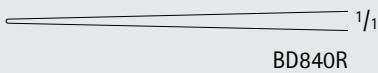


BD840R-BD841R



YASARGIL Micro Forceps, Bayonet-Shaped

Catalog Number	Tip Size (mm)	Length (in.)
BD840R	0.6	7 7/8
BD841R	0.9	7 7/8

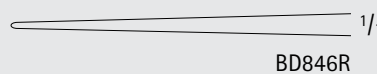
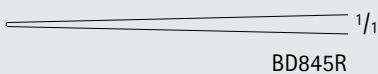


BD845R-BD846R



YASARGIL Micro Forceps, Bayonet-Shaped

Catalog Number	Tip Size (mm)	Length (in.)
BD845R	0.6	8 3/4
BD846R	0.9	8 3/4

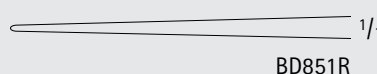
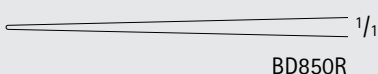



BD850R-BD851R



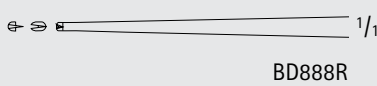
YASARGIL Micro Forceps, Bayonet-Shaped

Catalog Number	Tip Size (mm)	Length (in.)
BD850R	0.6	9 1/2
BD851R	0.9	9 1/2






BD888R 1/2




BD888R 1/1

**Grunwald Micro Forceps,
Bayonet-Shaped**

Catalog Number	Teeth	Length (in.)
BD888R	1 x 2	6 1/4




MD536R 1/2



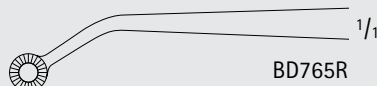
MD536R 1/1

PENFIELD Watchmaker Forceps

Catalog Number	Length (in.)
MD536R	7



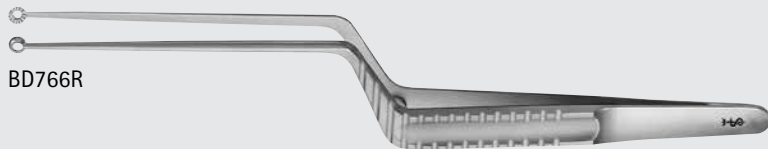
BD765R 1/2



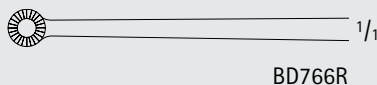
BD765R 1/1

**HUNT Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Tip	Shape	Diameter (mm)	Length (in.)
BD765R	ANG	STR	4.5	7 7/8



BD766R 1/2



BD766R 1/1

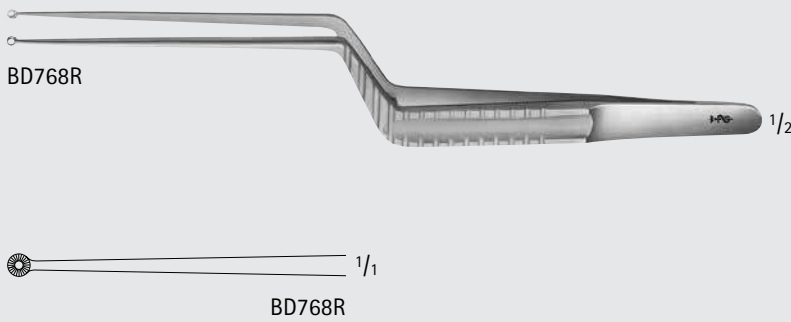
**HUNT Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Tip	Shape	Diameter (mm)	Length (in.)
BD766R	STR	BAYONET	4.5	7 7/8



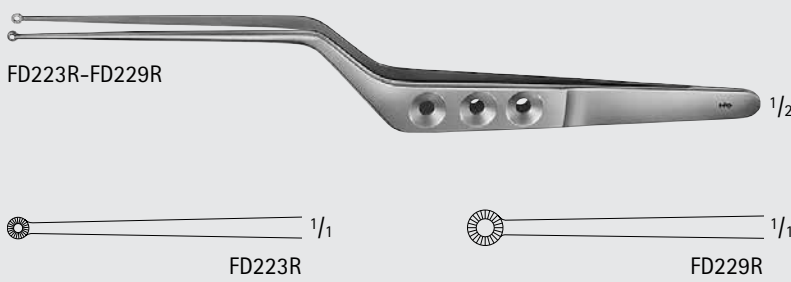
Neurosurgery

Tumor Forceps



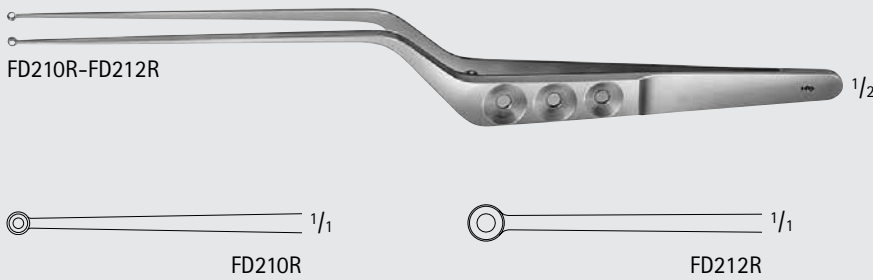
**YASARGIL Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Tip	Shape	Diameter (mm)	Length (in.)
BD768R	STR	BAYONET	3.0	7 7/8



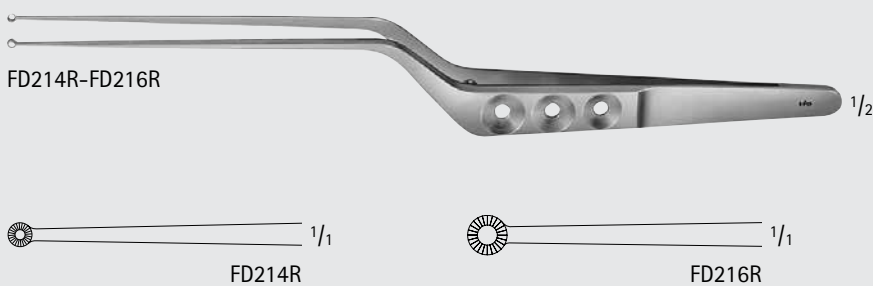
**YASARGIL Micro Forceps,
Bayonet-Shaped**

Catalog Number	Diameter (mm)	Length (in.)
FD223R	3.0	7 7/8
FD229R	5.0	7 7/8



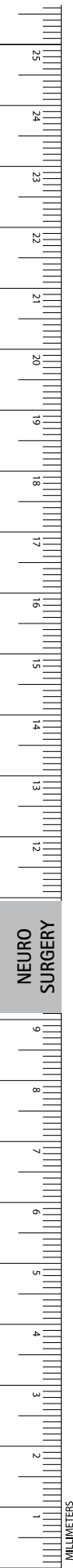
**YASARGIL Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Jaw	Diameter (mm)	Length (in.)
FD210R	SPOON-SHAPED	3.0	8 3/4
FD212R	SPOON-SHAPED	5.0	8 3/4



**YASARGIL Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Jaw	Diameter (mm)	Length (in.)
FD214R	FLAT/SERR	3.0	8 3/4
FD216R	FLAT/SERR	5.0	8 3/4

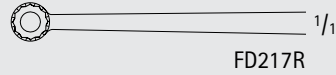
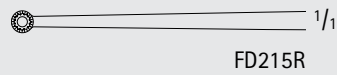


NEURO SURGERY



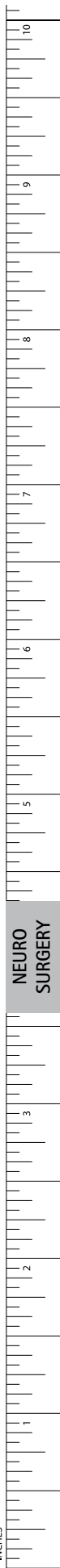
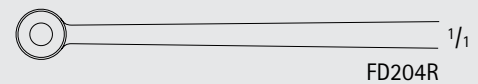
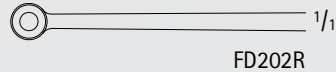
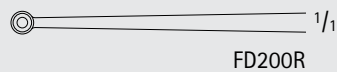
**HEIFETZ Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Jaw	Diameter (mm)	Length (in.)
FD215R	CURETTE, TOOTHED	3.0	8 3/4
FD217R	CURETTE, TOOTHED	5.0	8 3/4



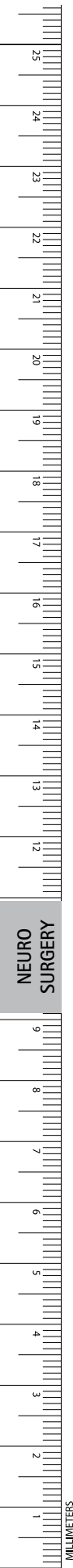
**YASARGIL-SAMII Grasping Forceps,
Bayonet-Shaped**

Catalog Number	Jaw	Diameter (mm)	Length (in.)
FD200R	SPOON-SHAPED	3.0	9 1/2
FD202R	SPOON-SHAPED	5.0	9 1/2
FD204R	SPOON-SHAPED	7.0	9 1/2



Neurosurgery

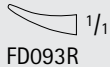
Micro Needle Holder, Bayonet-Shaped



FD092R-FD093R



FD092R



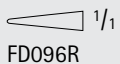
FD093R

YASARGIL Micro Needle Holder

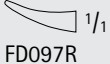
Catalog Number	Tip	Length (in.)
FD092R	STR	7 7/8
FD093R	CVD-UP	7 7/8



FD096R-FD097R



FD096R



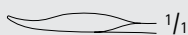
FD097R

YASARGIL Micro Needle Holder

Catalog Number	Tip	Length (in.)
FD096R	STR	8 7/8
FD097R	CVD-UP	8 7/8



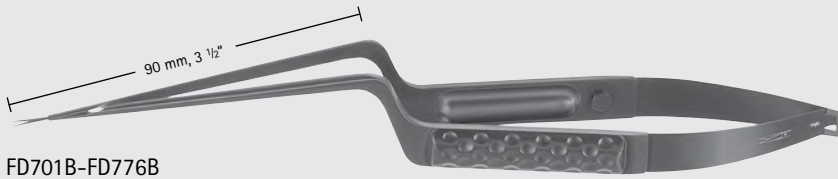
FD120R



Micro Needle Holder

Catalog Number	Tip	Length (in.)
FD120R	CVD-UP	7 3/4

NEURO SURGERY



MIN, Noir Micro Scissors W/ Golfball Handle, Serrated Blades

Catalog Number	Tip	Blade	Working Length (in.)	Length (in.)
FD701B	S/S	STR	2 3/4	7 7/8
FD702B	S/S	SLIGHT-CVD	2 3/4	7 7/8
FD703B	S/S	CVD	2 3/4	7 7/8
FD704B	B/B	STR	2 3/4	7 7/8
FD705B	B/B	SLIGHT-CVD	2 3/4	7 7/8
FD706B	B/B	CVD	2 3/4	7 7/8
FD731B	S/S	STR	3 1/2	8 3/4
FD732B	S/S	SLIGHT-CVD	3 1/2	8 3/4
FD733B	S/S	CVD	3 1/2	8 3/4
FD734B	B/B	STR	3 1/2	8 3/4
FD735B	B/B	SLIGHT-CVD	3 1/2	8 3/4
FD736B	B/B	CVD	3 1/2	8 3/4
FD771B	S/S	STR	4 3/4	9 3/4
FD772B	S/S	SLIGHT-CVD	4 3/4	9 3/4
FD773B	S/S	CVD	4 3/4	9 3/4
FD774B	B/B	STR	4 3/4	9 3/4
FD775B	B/B	SLIGHT-CVD	4 3/4	9 3/4
FD776B	B/B	CVD	4 3/4	9 3/4

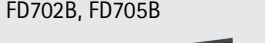
FD701B-FD776B



FD701B, FD704B



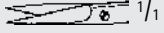
FD702B, FD705B



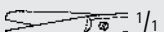
FD703B, FD706B



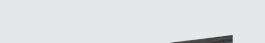
FD701B-FD703B



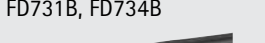
FD704B-FD706B



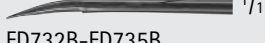
FD731B, FD734B



FD732B-FD735B



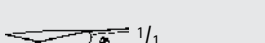
FD733B-FD736B



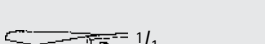
FD731B-FD733B



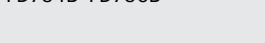
FD734B-FD736B



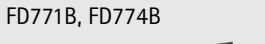
FD771B, FD774B



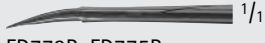
FD772B, FD775B



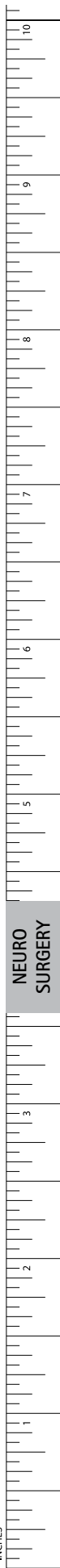
FD773B, FD776B



FD771B-FD773B



FD774B-FD776B



NEURO SURGERY

INCHES

Neurosurgery

MIN Instruments - Noir™ Micro Needle Holders/Noir™ Micro Tissue Forceps/
Noir™ Micro Tumor Forceps, Bayonet-Shaped



FD717B-FD719B



FD717B-FD719B

MIN, Noir Micro Needle Holder W/ Golfball Handle

Catalog Number	Suture Size	Working Length (mm)	Length (in.)
FD717B	7/0 AND SMALLER	70	7 7/8
FD718B	7/0 AND SMALLER	90	8 3/4
FD719B	7/0 AND SMALLER	120	9 3/4



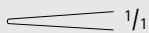
FD711B-FD763B



FD711B, FD741B, FD761B



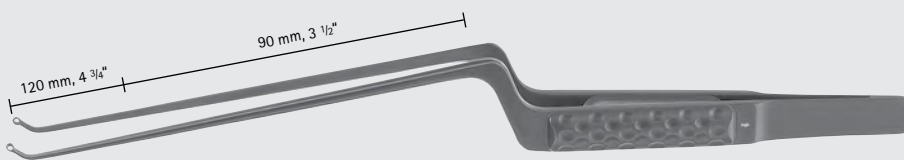
FD711B, FD741B, FD761B



FD713B, FD743B, FD763B

MIN, Noir Micro Tissue Forceps W/ Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD711B	STR	0.5	2 3/4	7 1/2
FD713B	STR	0.9	2 3/4	7 1/2
FD741B	STR	0.5	3 1/2	8 1/4
FD743B	STR	0.9	3 1/2	8 1/4
FD761B	STR	0.5	4 3/4	9 1/2
FD763B	STR	0.9	4 3/4	9 1/2



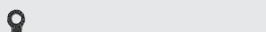
FD767B-FD789B



FD766B, FD769B, FD786B, FD789B



FD767B, FD787B



FD768B, FD788B



FD766B-FD768B, FD786B-FD788B



FD769B, FD789B

MIN, Noir Micro Tumor Forceps W/ Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD766B	STR	2.5 RING	3 1/2	8 1/4
FD769B	STR	3.5 RING	3 1/2	8 1/4
FD767B	45° CVD	2.5 RING	3 1/2	8 1/4
FD768B	90° CVD	2.5 RING	3 1/2	8 1/4
FD786B	STR	2.5 RING	4 3/4	9 1/2
FD789B	STR	3.5 RING	4 3/4	9 1/2
FD787B	45° CVD	2.5 RING	4 3/4	9 1/2
FD788B	90° CVD	2.5 RING	4 3/4	9 1/2

MIN Set

- Fine instrument tips
- Round golfball handle design
- Various working lengths
- Slender design and angled bayonet-shape
- Noir, No Irritating Reflections



FD811B



FD812B

MIN, Noir Modular Handle F/ Golfball Handle Design

Catalog Number	Diameter (mm)	Length (in.)
FD811B	8	4
FD812B	11	4



FD818B



FD819B



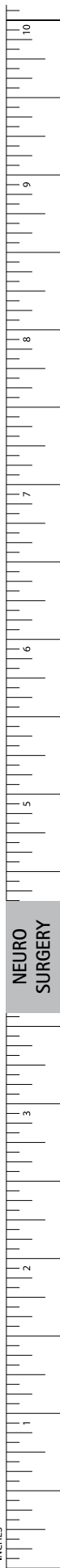
FD848B



FD849B

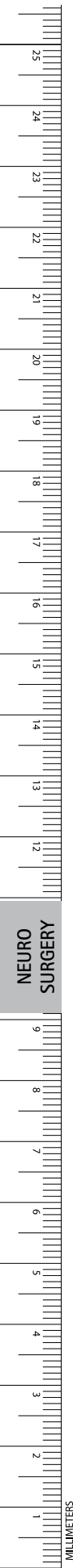
MIN, Noir Modular Bayonet Handle F/ Golfball Handle Design

Catalog Number	Diameter (mm)	Description	Length (in.)
FD818B	8	LOW BAYONET (21 MM)	4
FD819B	11	LOW BAYONET (31 MM)	4
FD848B	8	HIGH BAYONET (21 MM)	4
FD849B	11	HIGH BAYONET (31 MM)	4



Neurosurgery

MIN Instruments - Noir™ Micro Dissectors/Noir™ Rasps/Noir™ Hooks



MIN, Noir Micro Probe F/ Modular Golfball Handle

Catalog Number	Tip	Length (in.)
FD797B	BALL-TIP 0°	7 7/8
FD798B	BALL-TIP 45°	7 7/8
FD799B	BALL-TIP 90°	7 7/8



MIN, Noir Micro Hook F/ Modular Golfball Handle

Catalog Number	Tip	Length (in.)
FD808B	45°, BLUNT	7 7/8
FD805B	90°, BLUNT	7 7/8
FD809B	90°, SHARP	7 7/8



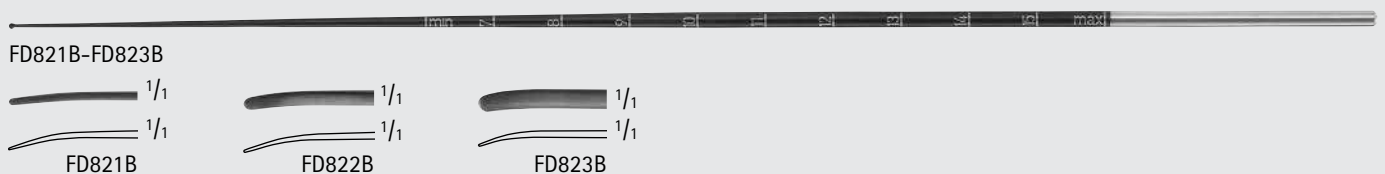
MIN, Noir Micro Scoop F/ Modular Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Length (in.)
FD814B	10°	2	7 7/8
FD815B	45°	2	7 7/8
FD816B	45° W/ NECK	2	7 7/8



MIN, Noir Micro Dissector F/ Modular Golfball Handle

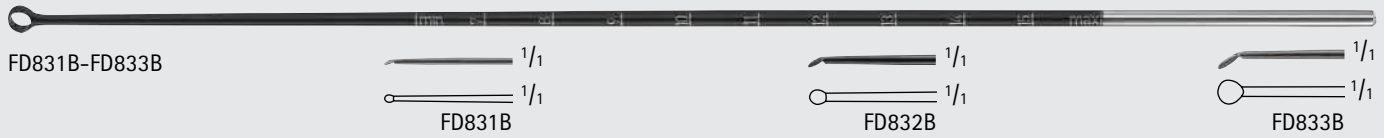
Catalog Number	Tip	Tip Size (mm)	Length (in.)
FD821B	CVD	1.0	7 7/8
FD822B	CVD	2.0	7 7/8
FD823B	CVD	3.0	7 7/8



NEURO SURGERY

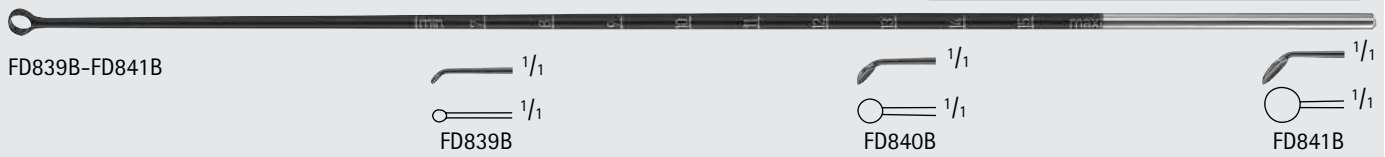
MIN, Noir Micro Raspatory F/ Modular Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Length (in.)
FD831B	RING	DIAM. 1.0	7 7/8
FD832B	RING	DIAM. 2.0	7 7/8
FD833B	RING	DIAM. 3.0	7 7/8



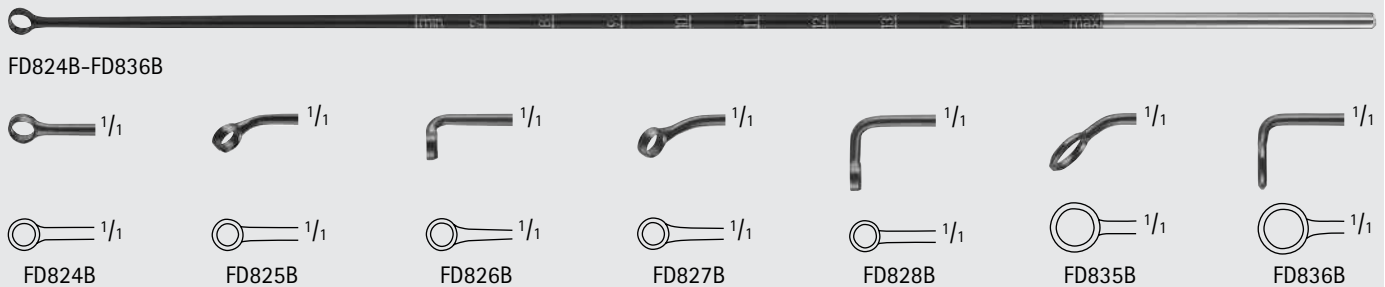
MIN, Noir Micro Tumor Knife F/ Modular Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Length (in.)
FD839B	45°	DIAM. 1.5	7 7/8
FD840B	45°	DIAM. 3.0	7 7/8
FD841B	45°	DIAM. 4.5	7 7/8



MIN, Noir Micro Curette F/ Modular Golfball Handle

Catalog Number	Tip	Diameter (mm)	Length (in.)
FD824B	0°	4.0	7 7/8
FD825B	45°	4.0	7 7/8
FD826B	90°	4.0	7 7/8
FD827B	45° W/ NECK	4.0	7 7/8
FD828B	90° W/ NECK	4.0	7 7/8
FD835B	45°	6.5	7 7/8
FD836B	90°	6.5	7 7/8



Storage Tray F/ MIN Micro Instruments

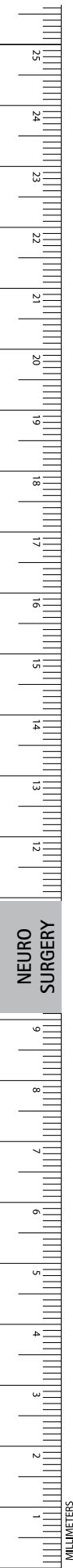
Catalog Number	Dimensions (mm)
FD467R	243 x 253 x 56



FD467R

Neurosurgery

SENSATION™ Noir™ Micro Scissors, Bayonet-Shaped



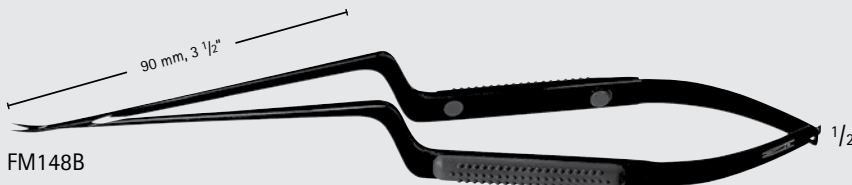
SENSATION Noir Micro Scissors

Catalog Number	Tip	Blade	Working Length (in.)	Length (in.)
FM146B	S/S	CVD-UP	2 3/8	7 1/4



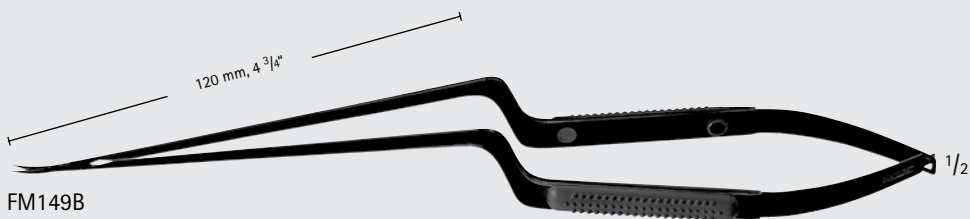
SENSATION Noir Micro Scissors

Catalog Number	Tip	Blade	Working Length (in.)	Length (in.)
FM147B	S/S	CVD-UP	2 3/4	7 3/4



SENSATION Noir Micro Scissors


Catalog Number	Tip	Blade	Working Length (in.)	Length (in.)
FM148B	S/S	CVD-UP	3 1/2	8 1/2



SENSATION Noir Micro Scissors

Catalog Number	Tip	Blade	Working Length (in.)	Length (in.)
FM149B	S/S	CVD-UP	4 3/4	9 5/8

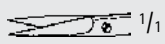
NEURO SURGERY



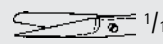
70 mm, 2 3/4"

FM120R-FM140R 1/2

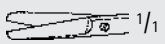
SENSATION Micro Scissors					
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM120R	S/S	STR	BLUE	2 3/4	7 3/4
FM130R	S/B	STR	BLUE	2 3/4	7 3/4
FM140R	B/B	STR	BLUE	2 3/4	7 3/4



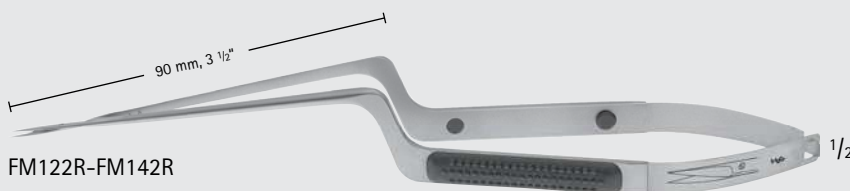
FM120R 1/1



FM130R 1/1



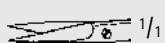
FM140R 1/1




90 mm, 3 1/2"

FM122R-FM142R 1/2

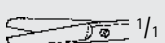
SENSATION Micro Scissors					
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM122R	S/S	STR	BLUE	3 1/2	8 1/2
FM132R	S/B	STR	BLUE	3 1/2	8 1/2
FM142R	B/B	STR	BLUE	3 1/2	8 1/2



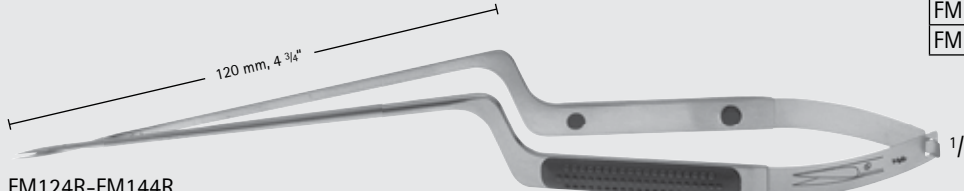
FM122R 1/1



FM132R 1/1



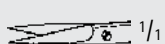
FM142R 1/1




120 mm, 4 3/4"

FM124R-FM144R 1/2

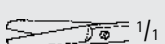
SENSATION Micro Scissors					
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM124R	S/S	STR	BLUE	4 3/4	9 5/8
FM134R	S/B	STR	BLUE	4 3/4	9 5/8
FM144R	B/B	STR	BLUE	4 3/4	9 5/8



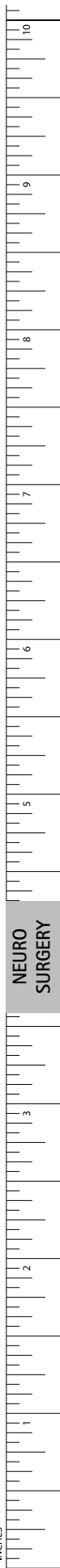
FM124R 1/1



FM134R 1/1

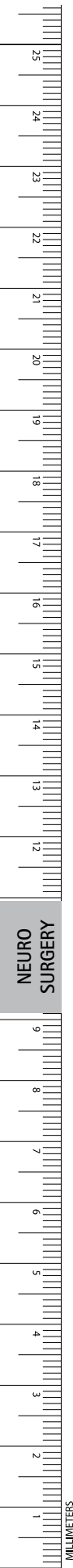


FM144R 1/1



Neurosurgery

SENSATION™ Micro Scissors, Bayonet-Shaped

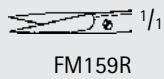


SENSATION Micro Scissors

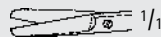
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM159R	S/S	STR	BLUE	5 1/4	10 1/4
FM160R	B/B	STR	BLUE	5 1/4	10 1/4



FM159R-FM160R



FM159R



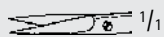
FM160R

SENSATION Micro Scissors

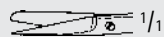
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM121R	S/S	CVD-UP	BLUE	2 3/4	7 3/4
FM131R	S/B	CVD-UP	BLUE	2 3/4	7 3/4
FM141R	B/B	CVD-UP	BLUE	2 3/4	7 3/4



FM121R-FM141R



FM121R



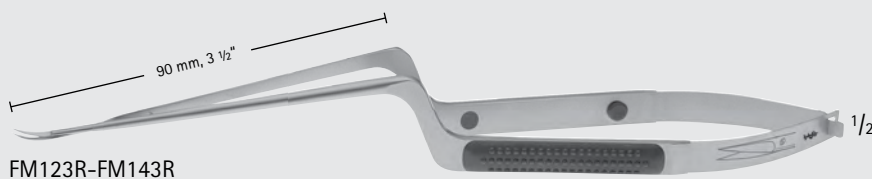
FM131R



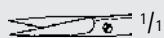
FM141R

SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM123R	S/S	CVD-UP	BLUE	3 1/2	8 1/2
FM133R	S/B	CVD-UP	BLUE	3 1/2	8 1/2
FM143R	B/B	CVD-UP	BLUE	3 1/2	8 1/2



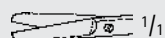
FM123R-FM143R



FM123R



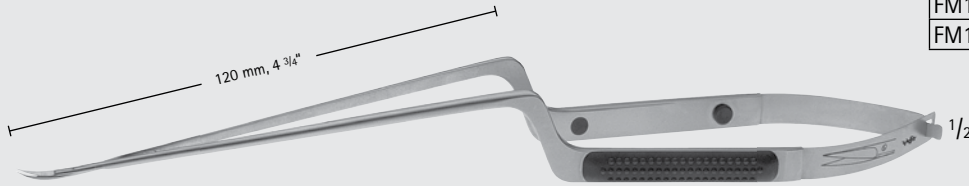
FM133R



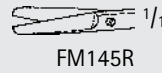
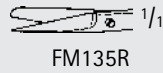
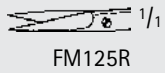
FM143R

SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM125R	S/S	CVD-UP	BLUE	4 3/4	9 5/8
FM135R	S/B	CVD-UP	BLUE	4 3/4	9 5/8
FM145R	B/B	CVD-UP	BLUE	4 3/4	9 5/8

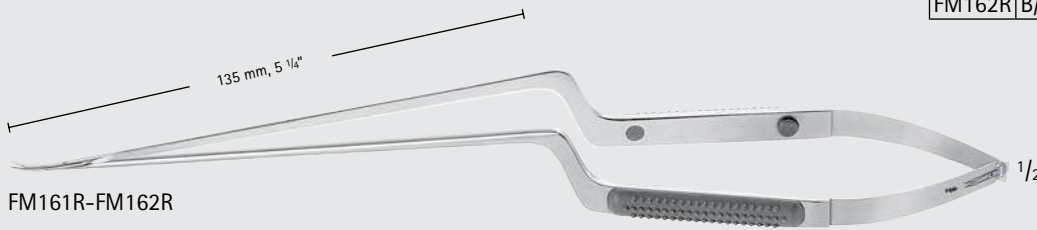


FM125R-FM145R

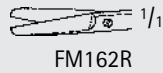
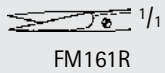


SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM161R	S/S	CVD-UP	BLUE	5 1/4	10 1/4
FM162R	B/B	CVD-UP	BLUE	5 1/4	10 1/4

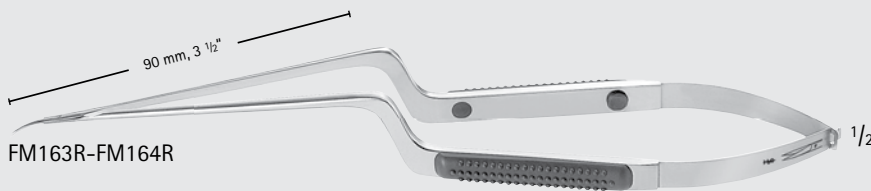


FM161R-FM162R

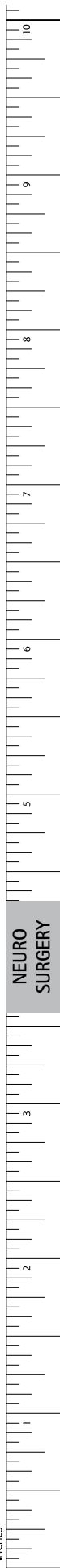
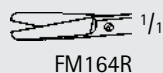
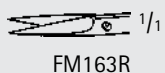


SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM163R	S/S	CVD-DOWN	BLUE	3 1/2	8 1/2
FM164R	B/B	CVD-DOWN	BLUE	3 1/2	8 1/2



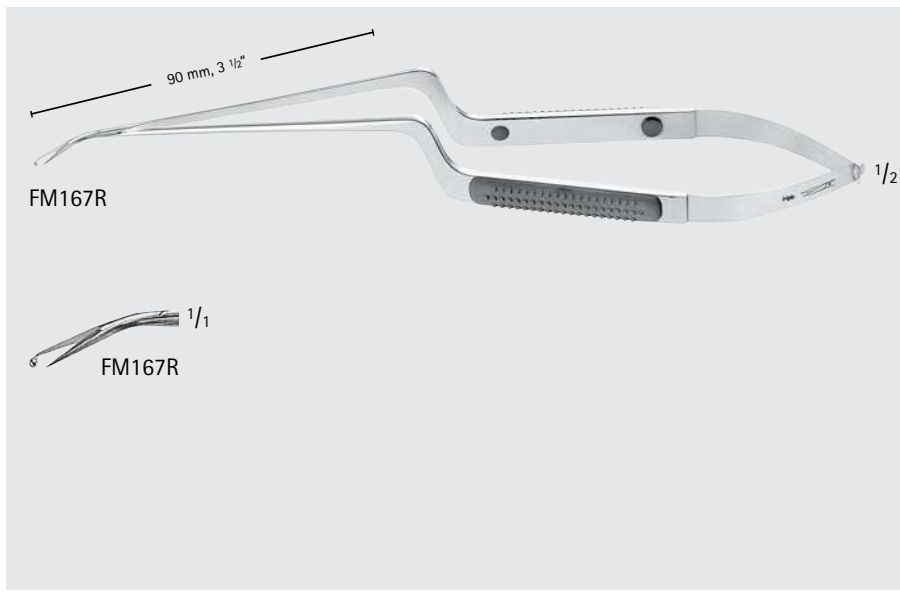
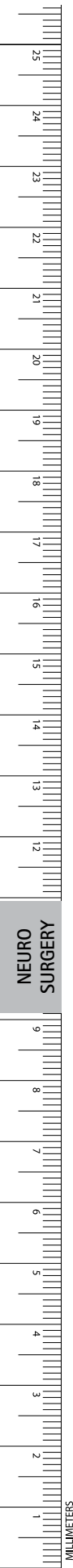
FM163R-FM164R



NEURO SURGERY

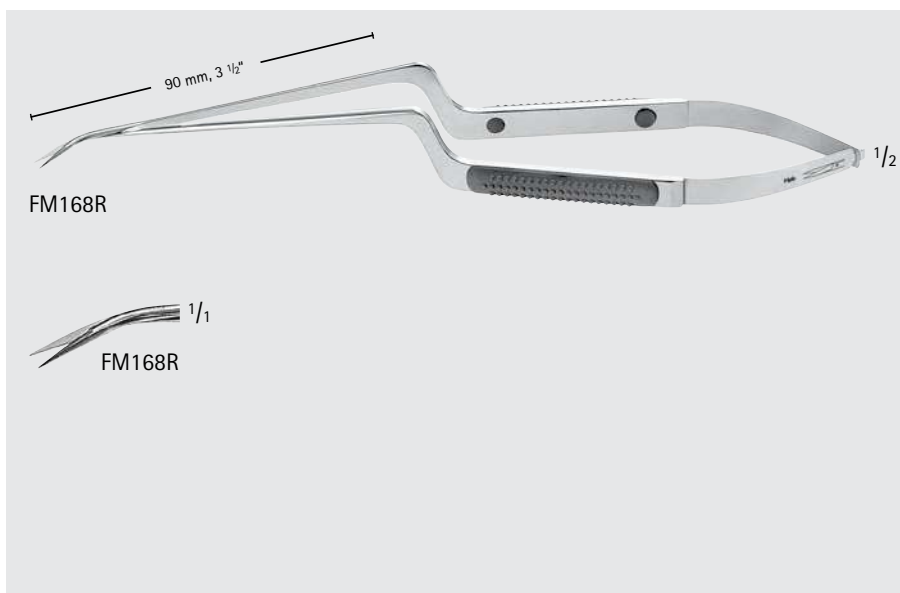
Neurosurgery

SENSATION™ Micro Scissors, Bayonet-Shaped



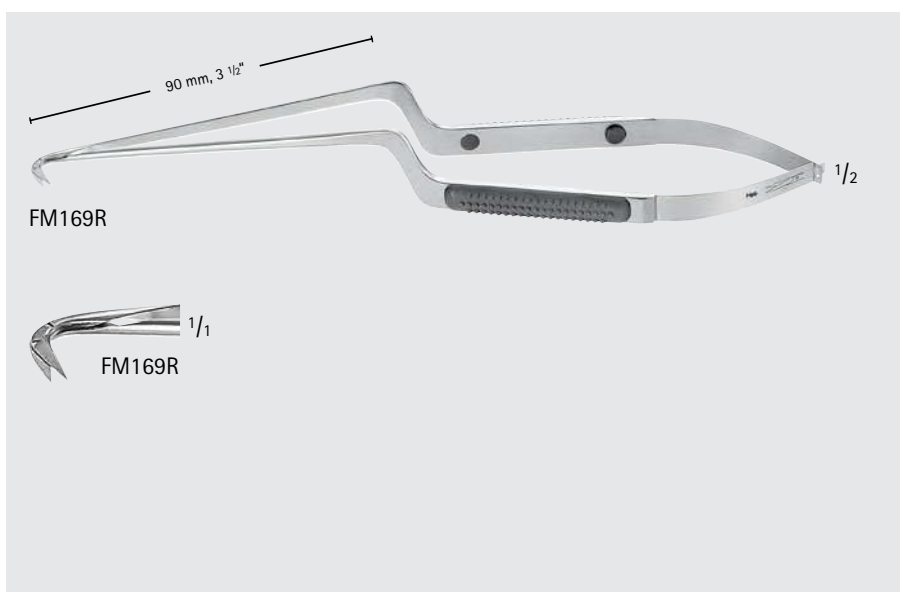
SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM167R	1 BALL-POINT	45° LATERAL ANG	BLUE	3 1/2	8 1/2




SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM168R	B/B	45° LATERAL ANG	BLUE	3 1/2	8 1/2




SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM169R	B/B	125° LATERAL ANG	BLUE	3 1/2	8 1/2




70 mm, 2 ³/₄"

FM150R-FM151R 1/2




FM150R 1/1



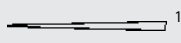
FM151R 1/1

Catalog Number	Tip Size (mm)	Handle	Working Length (in.)	Length (in.)
FM150R	0.5	BLACK	2 ³ / ₄	7 ¹ / ₂
FM151R	0.9	BLACK	2 ³ / ₄	7 ¹ / ₂

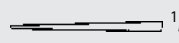


90 mm, 3 ¹/₂"

FM153R-FM154R 1/2

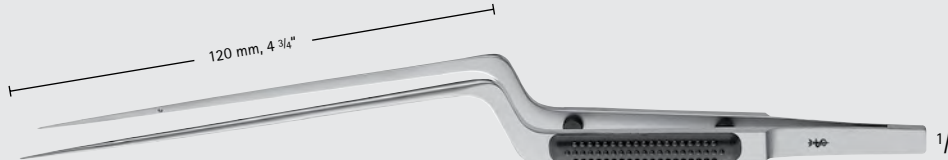


FM153R 1/1



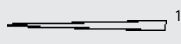
FM154R 1/1

Catalog Number	Tip Size (mm)	Handle	Working Length (in.)	Length (in.)
FM153R	0.5	BLACK	3 ¹ / ₂	8 ¹ / ₄
FM154R	0.9	BLACK	3 ¹ / ₂	8 ¹ / ₄

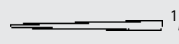


120 mm, 4 ³/₄"

FM156R-FM157R 1/2

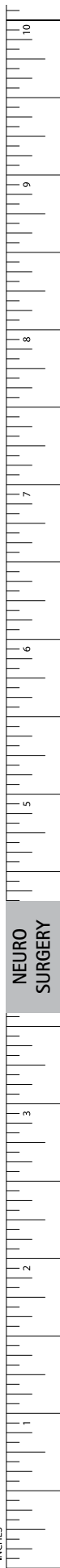


FM156R 1/1



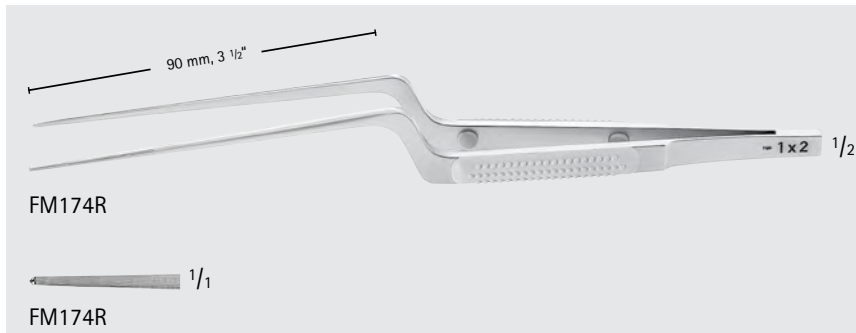
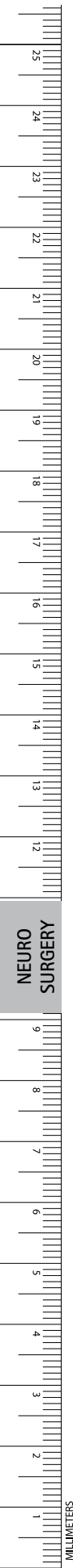
FM157R 1/1

Catalog Number	Tip Size (mm)	Handle	Working Length (in.)	Length (in.)
FM156R	0.5	BLACK	4 ³ / ₄	9 ¹ / ₂
FM157R	0.9	BLACK	4 ³ / ₄	9 ¹ / ₂



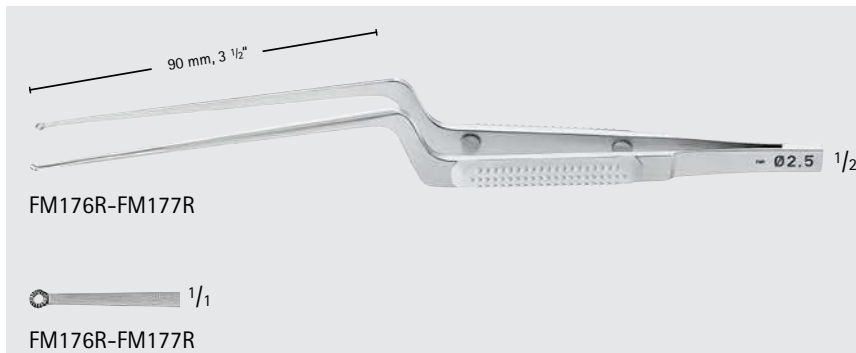
Neurosurgery

SENSATION™ Tumor Grasper, Bayonet-Shaped



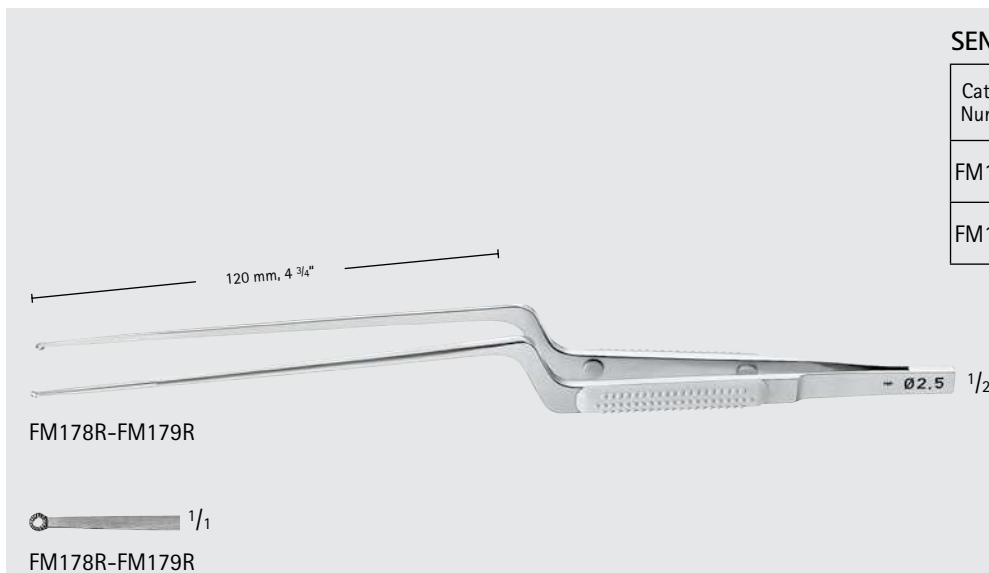
SENSATION Tumor Grasper

Catalog Number	Jaw	Teeth	Handle	Working Length (in.)	Length (in.)
FM174R	THIN TOOTH	1 x 2	YELLOW	3 1/2	8 1/4




SENSATION Tumor Grasper

Catalog Number	Jaw	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM176R	SERR	DIAM. 2.5	YELLOW	3 1/2	8 1/4
FM177R	SERR	DIAM. 3.5	YELLOW	3 1/2	8 1/4



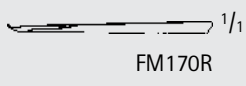
SENSATION Tumor Grasper

Catalog Number	Jaw	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM178R	SERR	DIAM. 2.5	YELLOW	4 3/4	9 1/2
FM179R	SERR	DIAM. 3.5	YELLOW	4 3/4	9 1/2



70 mm, 2 3/4"

FM170R



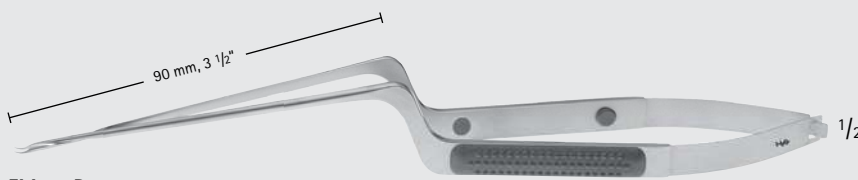
1/1

FM170R

1/2

SENSATION Micro Needle Holder

Catalog Number	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM170R	0.5	GREEN	2 3/4	7 3/4



90 mm, 3 1/2"

FM173R



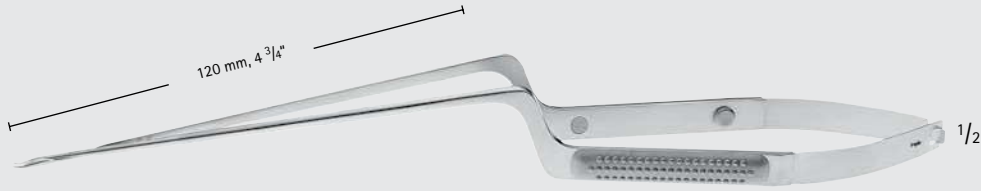
1/1

FM173R

1/2

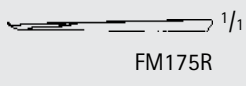
SENSATION Micro Needle Holder

Catalog Number	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM173R	0.5	GREEN	3 1/2	8 1/2



120 mm, 4 3/4"

FM175R



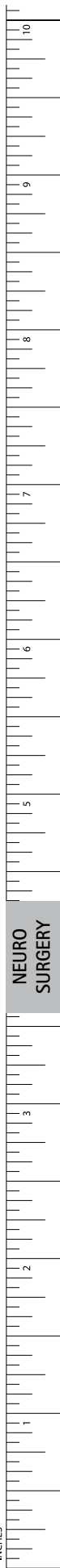
1/1

FM175R

1/2

SENSATION Micro Needle Holder

Catalog Number	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM175R	2.5	GREEN	4 3/4	9 5/8

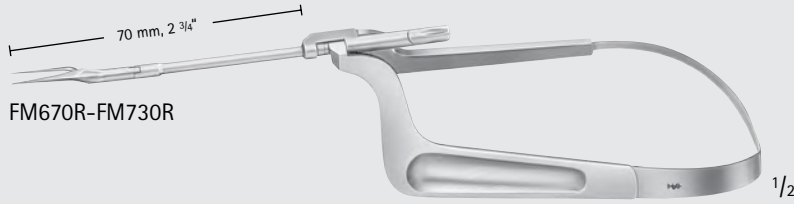


Neurosurgery

XS Micro Scissors, Bayonet-Shaped

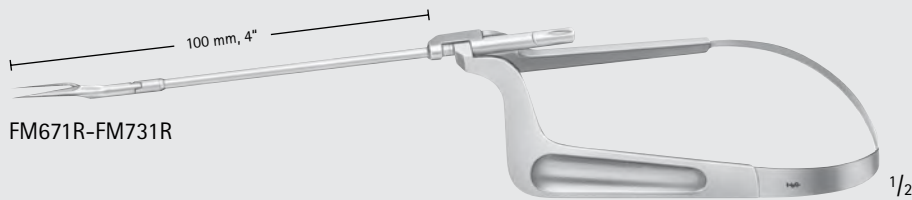
XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM670R	S/S	STR	COMPLETE	2 3/4	7 7/8
FM675R	S/S	STR	JAW INSERT	2 3/4	-
FM690R	B/B	STR	COMPLETE	2 3/4	7 7/8
FM695R	B/B	STR	JAW INSERT	2 3/4	-
FM730R	-	-	HANDLE	-	-



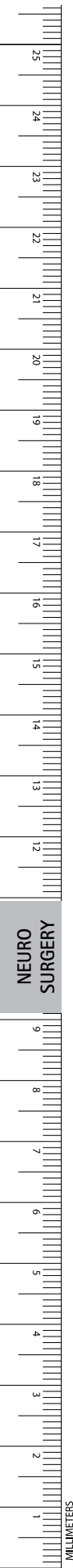
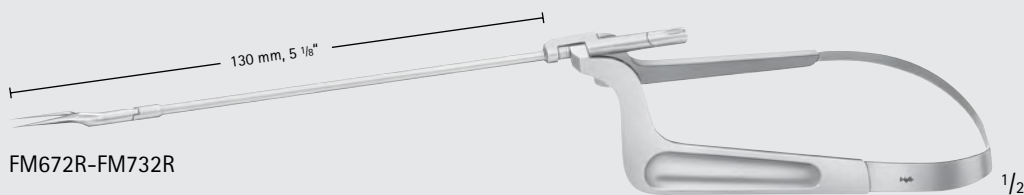
XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM671R	S/S	STR	COMPLETE	4	9
FM676R	S/S	STR	JAW INSERT	4	-
FM691R	B/B	STR	COMPLETE	4	9
FM696R	B/B	STR	JAW INSERT	4	-
FM731R	-	-	HANDLE	-	-



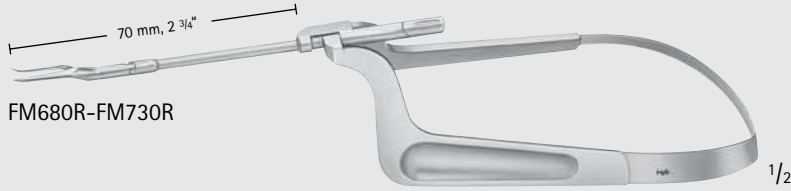
XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM672R	S/S	STR	COMPLETE	5 1/8	10 1/4
FM677R	S/S	STR	JAW INSERT	5 1/8	-
FM692R	B/B	STR	COMPLETE	5 1/8	10 1/4
FM697R	B/B	STR	JAW INSERT	5 1/8	-
FM732R	-	-	HANDLE	-	-



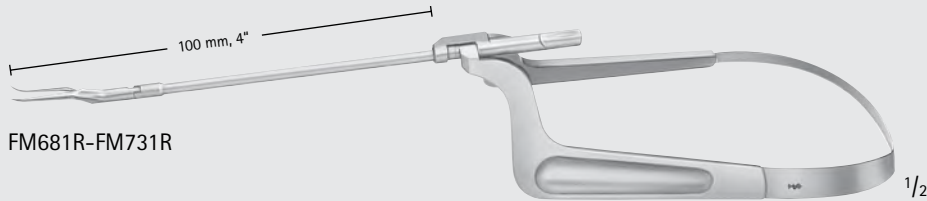
XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM680R	S/S	CVD	COMPLETE	2 3/4	7 7/8
FM685R	S/S	CVD	JAW INSERT	2 3/4	-
FM700R	B/B	CVD	COMPLETE	2 3/4	7 7/8
FM705R	B/B	CVD	JAW INSERT	2 3/4	-
FM730R	-	-	HANDLE	-	-



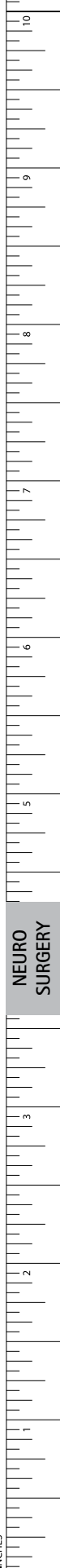
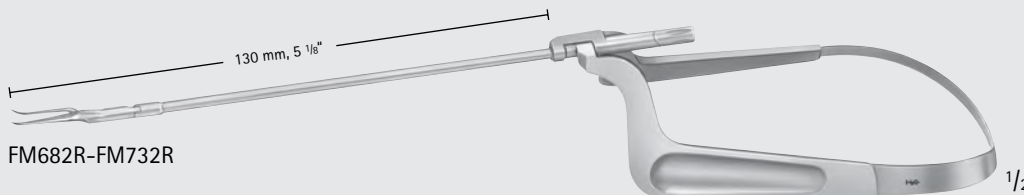
XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM681R	S/S	CVD	COMPLETE	4	9
FM686R	S/S	CVD	JAW INSERT	4	-
FM701R	B/B	CVD	COMPLETE	4	9
FM706R	B/B	CVD	JAW INSERT	4	-
FM731R	-	-	HANDLE	-	-



XS Micro Scissors

Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM682R	S/S	CVD	COMPLETE	5 1/8	10 1/4
FM687R	S/S	CVD	JAW INSERT	5 1/8	-
FM702R	B/B	CVD	COMPLETE	5 1/8	10 1/4
FM707R	B/B	CVD	JAW INSERT	5 1/8	-
FM732R	-	-	HANDLE	-	-



Neurosurgery

XS Micro Forceps, Bayonet-Shaped

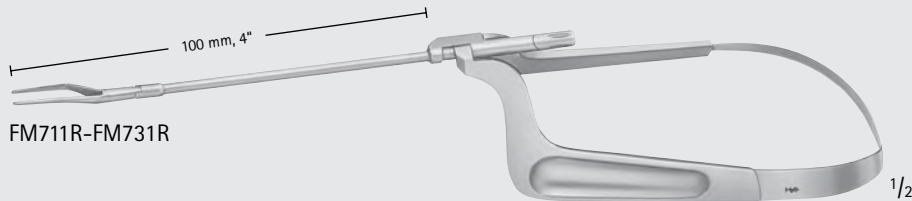
XS Micro Forceps

Catalog Number	Jaw Size (mm)	Item	Working Length (in.)	Length (in.)
FM710R	0.9	COMPLETE	2 3/4	7 7/8
FM715R	0.9	JAW INSERT	2 3/4	-
FM730R	-	HANDLE	-	-



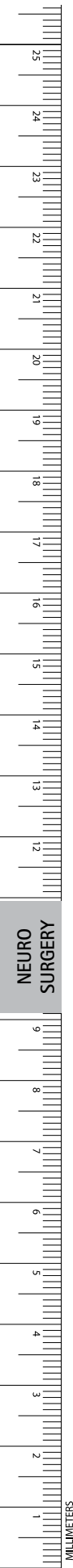
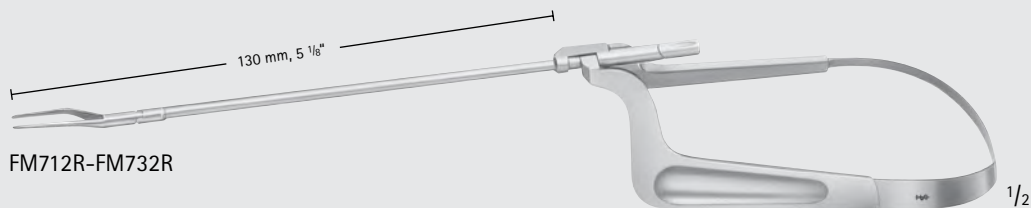
XS Micro Forceps

Catalog Number	Jaw Size (mm)	Item	Working Length (in.)	Length (in.)
FM711R	0.9	COMPLETE	4	9
FM716R	0.9	JAW INSERT	4	-
FM731R	-	HANDLE	-	-



XS Micro Forceps

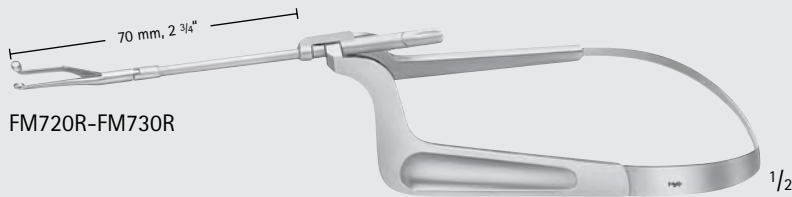
Catalog Number	Jaw Size (mm)	Item	Working Length (in.)	Length (in.)
FM712R	0.9	COMPLETE	5 1/8	10 1/4
FM717R	0.9	JAW INSERT	5 1/8	-
FM732R	-	HANDLE	-	-



NEURO SURGERY

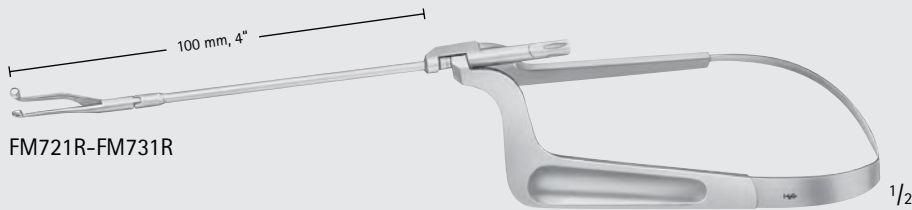
XS Micro Tumor Grasping Forceps

Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM720R	3.0	SHARP	COMPLETE	2 3/4	7 7/8
FM725R	3.0	SHARP	JAW INSERT	2 3/4	-
FM730R	-	-	HANDLE	-	-



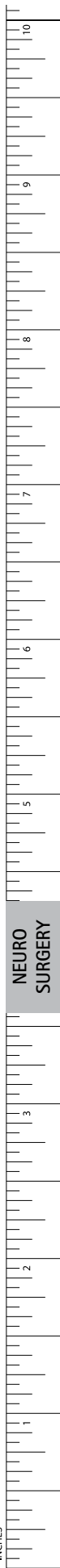
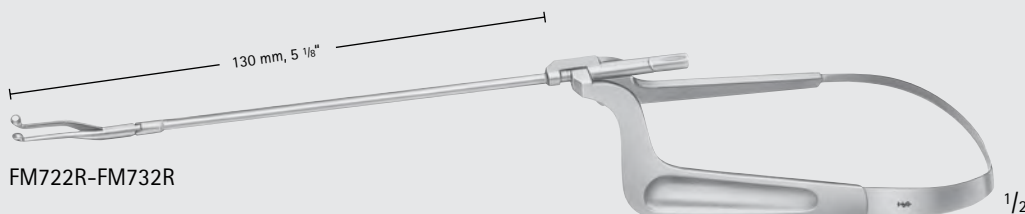
XS Micro Tumor Grasping Forceps

Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM721R	3.0	SHARP	COMPLETE	4	9
FM726R	3.0	SHARP	JAW INSERT	4	-
FM731R	-	-	HANDLE	-	-



XS Micro Tumor Grasping Forceps

Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM722R	3.0	SHARP	COMPLETE	5 1/8	10 1/4
FM727R	3.0	SHARP	JAW INSERT	5 1/8	-
FM732R	-	-	HANDLE	-	-

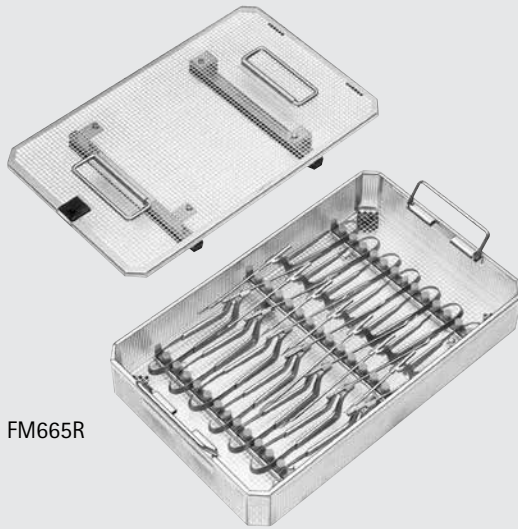
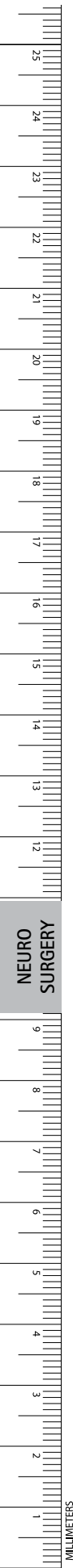


NEURO SURGERY

INCHES

Neurosurgery

XS Micro Forceps



FM665R

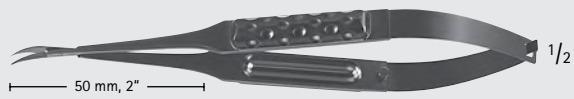
Storage Tray for Micro Instruments, W/ Instruments Racks

Catalog Number	Compatible w/	Dimensions (mm)
FM665R	SENSATION AND XS MICRO- INSTRUMENTS	406 x 253 x 76

NEURO
SURGERY

EC/IC Bypass Instruments, Noir Scissors

Catalog Number	Tip	Blade	Shape	Working Length (in.)	Length (in.)
FD482B	S/S	CVD	STR	2	5 1/2
FD481B	B/S	CVD	STR	2	5 1/2
FD483B	S/S	CVD	STR	3 1/8	6 3/4
FD484B	S/S	CVD	BAYONET	4	8 7/8
FD485B	B/S	CVD	BAYONET	4	8 7/8



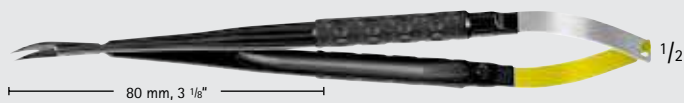
FD481B-FD482B



FD481B



FD482B



FD483B



FD483B



FD484B-FD485B



FD484B



FD485B



NEURO SURGERY

INCHES

Neurosurgery

EC/IC Bypass Instruments - Noir™ Forceps



FD488B



FD488B



FD489B



FD489B



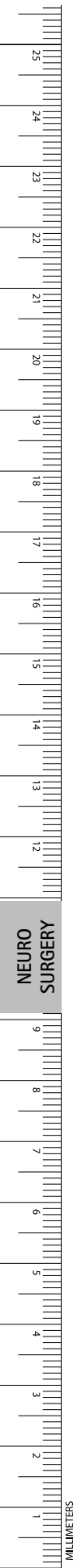
FD490B



FD490B

EC/IC Bypass Instruments, Noir Forceps

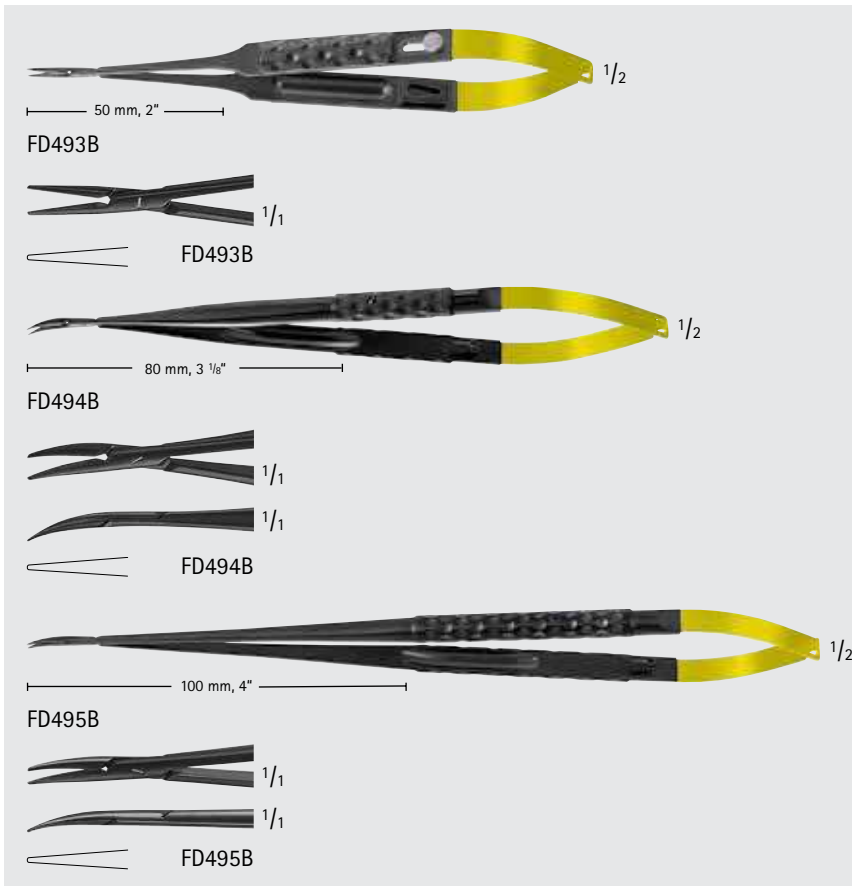
Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD488B	STR	0.3	2	5 1/2
FD489B	STR	0.3	3 1/8	6 3/4
FD490B	STR	0.3	4	8 1/4



NEURO SURGERY

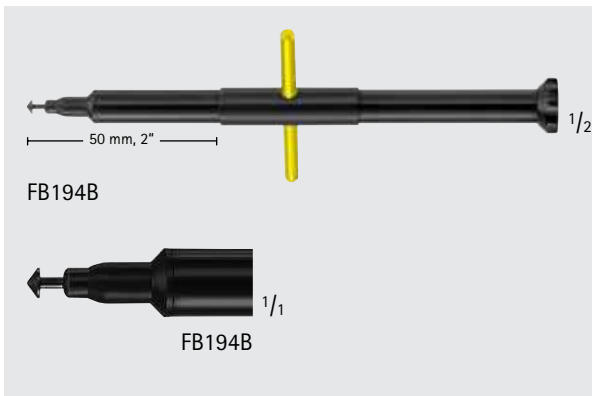
EC/IC Bypass Instruments - Noir™ Needle Holders/Noir™ Bypass Vessel Punch/Storage Rack

EC/IC Bypass Instruments, Noir Needle Holder




Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD493B	STR	0.5	2	6
FD494B	CVD	0.5	3 1/8	6 3/4
FD495B	CVD	0.5	4	8 1/4

EC/IC Bypass Instruments, Noir Bypass Vessel Punch

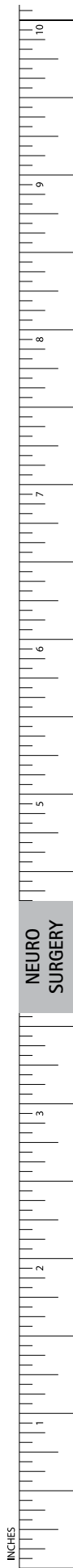


Catalog Number	Working Length (in.)	Length (in.)
FB194B	2	5 1/2

Storage Rack F/ EC/IC Bypass Instruments



Catalog Number	Dimensions (mm)
FD460R	410 x 257 x 56

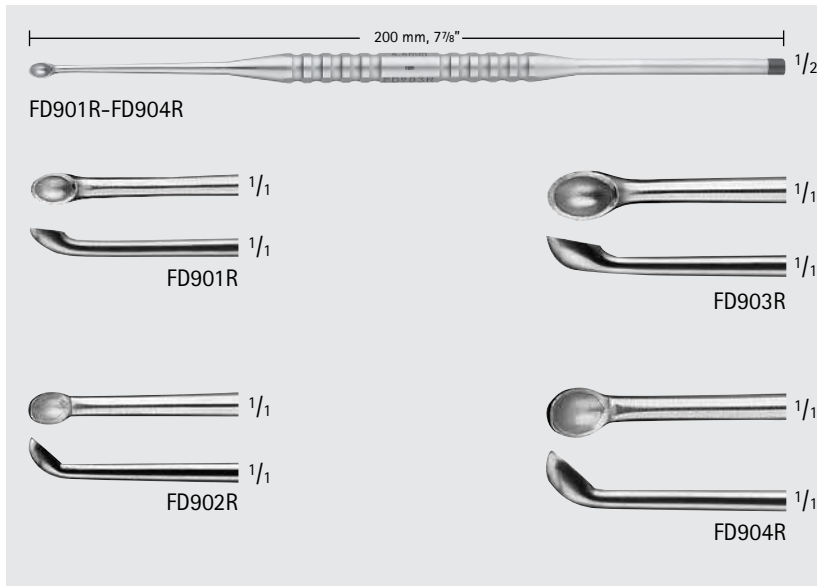
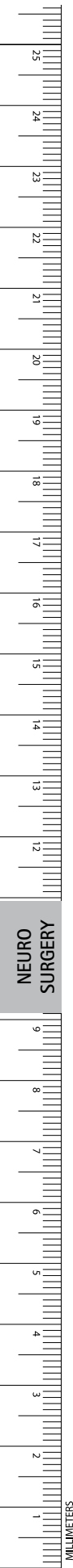


NEURO SURGERY

INCHES

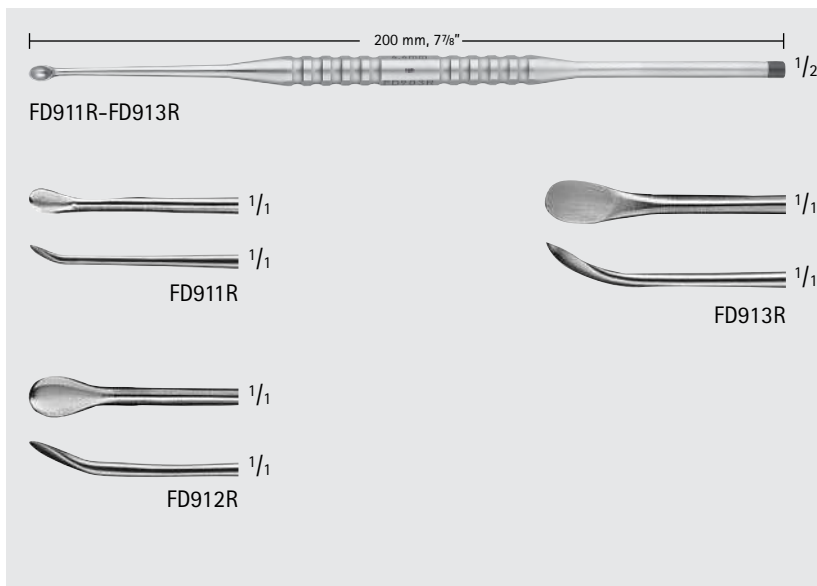
Neurosurgery

Skull Base Instruments



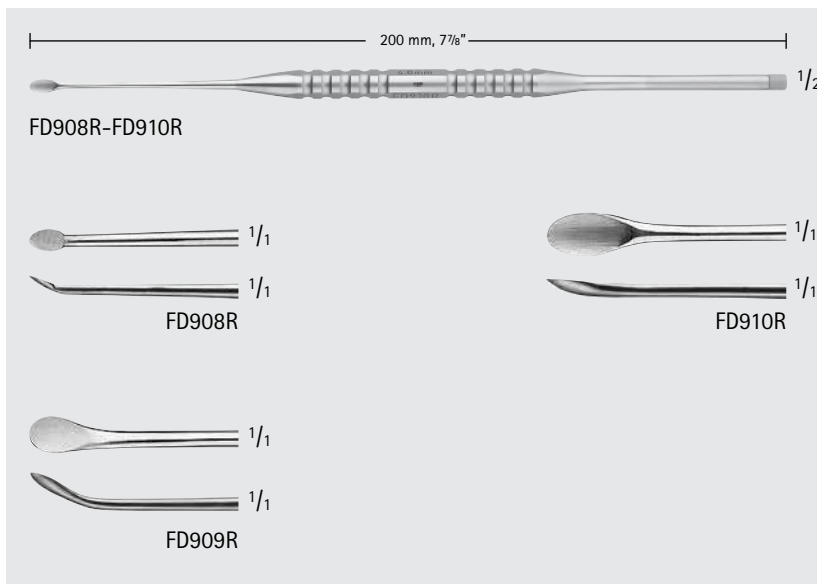
AL-MEFTY Spoon

Catalog Number	Tip	Tip Size (mm)	Handle	Length (in.)
FD901R	STR, SHARP	2.8	BLACK CAP	7 7/8
FD902R	ANG, SHARP	2.8	BLACK CAP	7 7/8
FD903R	STR, SHARP	4.4	BLACK CAP	7 7/8
FD904R	ANG, SHARP	4.4	BLACK CAP	7 7/8



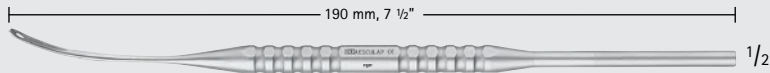
AL-MEFTY Dissector

Catalog Number	Tip	Tip Size (mm)	Handle	Length (in.)
FD911R	ANG, SHARP	2.0	BLACK CAP	7 7/8
FD912R	ANG, SHARP	3.5	BLACK CAP	7 7/8
FD913R	ANG, SHARP	4.0	BLACK CAP	7 7/8



AL-MEFTY Dissector

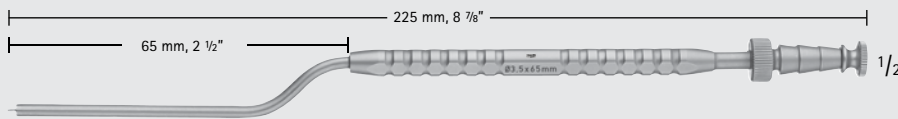
Catalog Number	Tip	Tip Size (mm)	Handle	Length (in.)
FD908R	ANG, SEMI-SHARP	2.0	GREY CAP	7 7/8
FD909R	ANG, SEMI-SHARP	3.5	GREY CAP	7 7/8
FD910R	STR, SEMI-SHARP	4.0	GREY CAP	7 7/8



FD905R

AL-MEFTY Ligature Needle

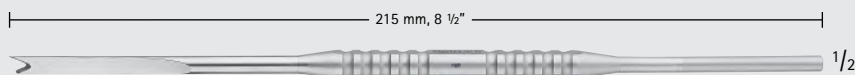
Catalog Number	Tip	Length (in.)
FD905R	MALLEABLE	7 1/2



FD906R

AL-MEFTY Suction Cannula

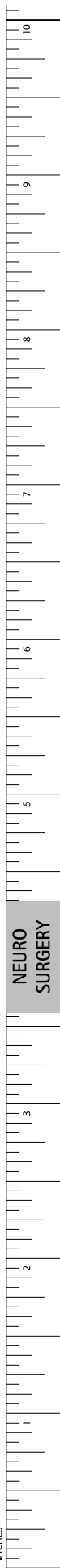
Catalog Number	Working Length (in.)	Diameter (mm)	Length (in.)
FD906R	2 1/2	3.5	8 7/8



FD907R

AL-MEFTY Chisel

Catalog Number	Tip Size (mm)	Length (in.)
FD907R	5.0	8 1/2

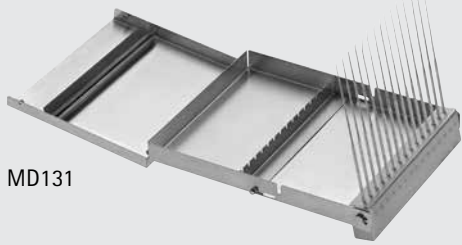


NEURO SURGERY

INCHES

Neurosurgery

Micro Dissectors/Rasps/Hooks



MD131

Micro Dissector Set

Catalog Number	Description
MD131	COMPLETE SET

Set Includes:

- 1 Micro dissector storage case MD132R
- 1 Instrument of each MD133-MD148



MD132

Micro Dissector Storage Case

Catalog Number	Dimension (in.)
MD132	10.869 x 8.115 x 0.944



MF363R

Expanded Micro Dissector Storage Case

Catalog Number	Dimension (in.)
MF363R	10.869 x 10.074 x 0.944



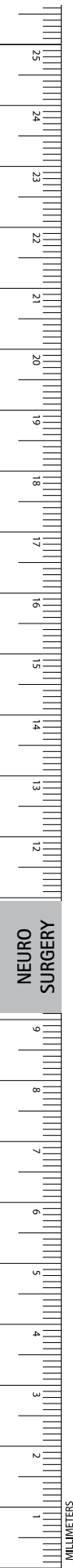
MF364R

Expanded Micro Dissector Set

Catalog Number	Description
MF364R	COMPLETE SET

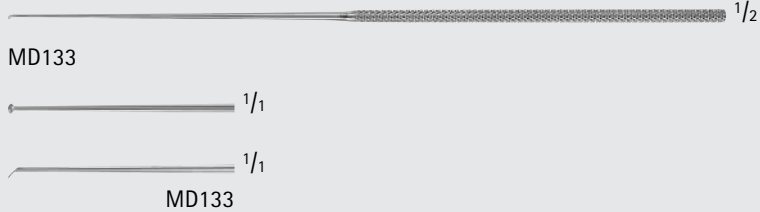
Set Includes:

- 1 Expanded micro dissector storage case MF363R
- 1 Instrument of each MD133-MD148, MF360R-MF362R



NEURO SURGERY





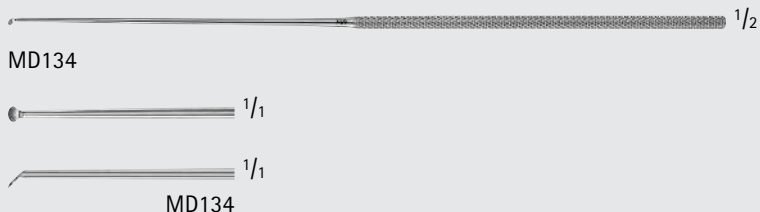
MD133 1/2

MD133 1/1

MD133 1/1

Micro Dissector, Round

Catalog Number	Tip Size (mm)	Length (in.)
MD133	1.0	7 1/2



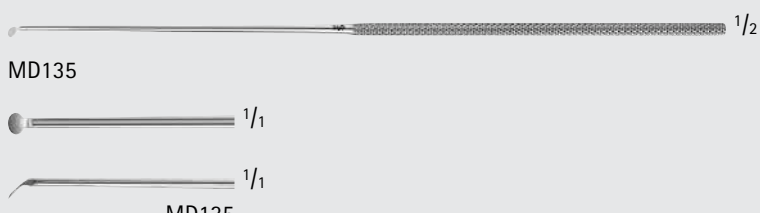
MD134 1/2

MD134 1/1

MD134 1/1

Micro Dissector, Round

Catalog Number	Tip Size (mm)	Length (in.)
MD134	2.0	7 1/2




MD135 1/2

MD135 1/1

MD135 1/1

Micro Dissector, Round

Catalog Number	Tip Size (mm)	Length (in.)
MD135	3.0	7 1/2



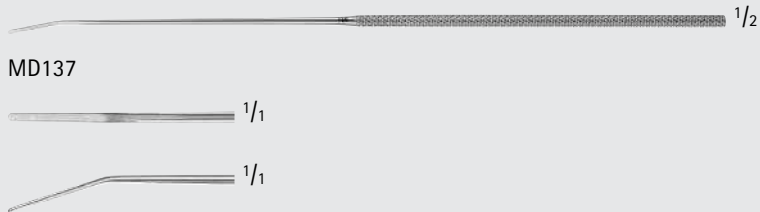
MD136 1/2

MD136 1/1

MD136 1/1

Micro Elevator

Catalog Number	Tip	Length (in.)
MD136	CVD	7 1/2



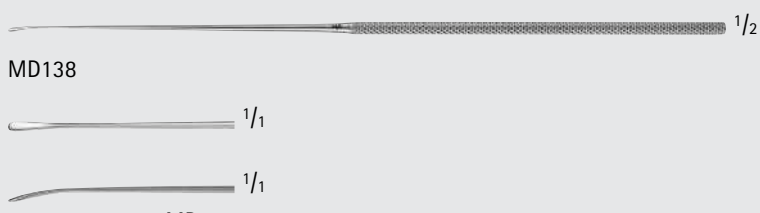
MD137 1/2

MD137 1/1

MD137 1/1

Micro Dissector Elevator

Catalog Number	Tip	Length (in.)
MD137	ANG	7 1/2



MD138 1/2

MD138 1/1

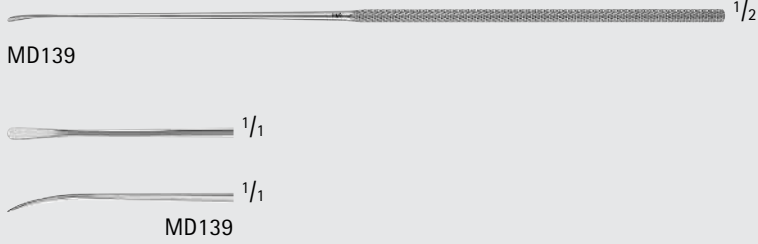
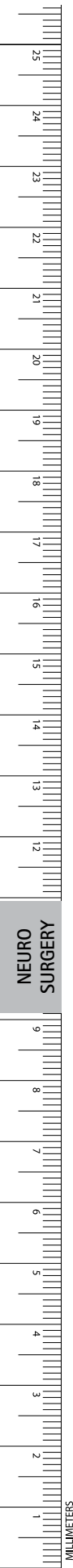
MD138 1/1

Micro Spatula Dissector

Catalog Number	Tip	Length (in.)
MD138	SMALL	7 1/2

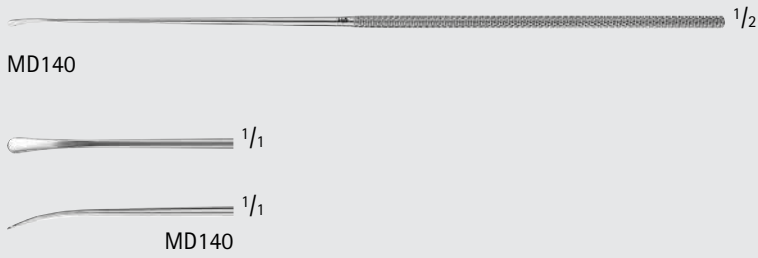
Neurosurgery

Micro Dissectors/Rasps/Hooks



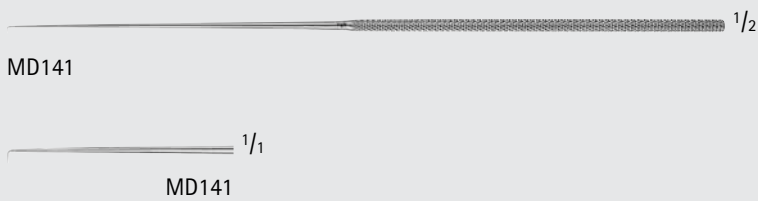
Micro Spatula Dissector

Catalog Number	Tip	Length (in.)
MD139	MEDIUM	7 1/2



Micro Spatula Dissector

Catalog Number	Tip	Length (in.)
MD140	LARGE	7 1/2



Micro Hook

Catalog Number	Tip	Length (in.)
MD141	90°, SEMI-SHARP	7 1/2



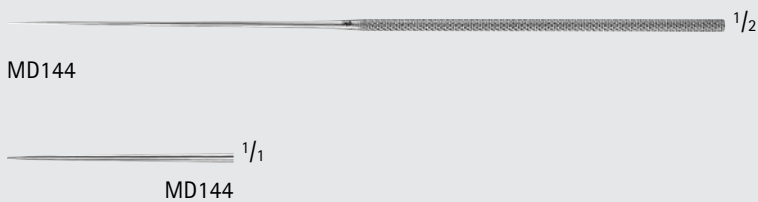
Micro Hook

Catalog Number	Tip	Length (in.)
MD142	90°, BLUNT	7 1/2



Micro Needle Dissector


Catalog Number	Tip	Length (in.)
MD143	45°, SEMI-SHARP	7 1/2




Micro Needle Dissector

Catalog Number	Tip	Length (in.)
MD144	STR, SEMI-SHARP	7 1/2






MD145 1/2




MD145 1/1

Micro Curette

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MD145	STR	1 x 2	7 1/2




MD146 1/2



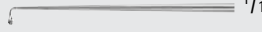
MD146 1/1

Micro Curette

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MD146	ANG	1 x 2	7 1/2




MD147 1/2



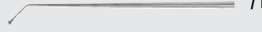
MD147 1/1

Micro Ball Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MD147	90°	3.0	7 1/2




MD148 1/2



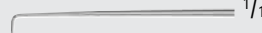
MD148 1/1

Micro Ball Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MD148	45°	4.0	7 1/2




MF360R 1/2



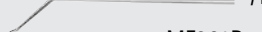
MF360R 1/1

Micro Ball Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF360R	90°	5.0	7 1/2




MF361R 1/2




MF361R 1/1

Micro Ball Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF361R	45°	8.0	7 1/2



MF362R 1/2



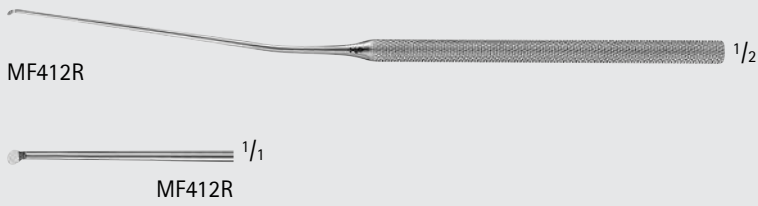
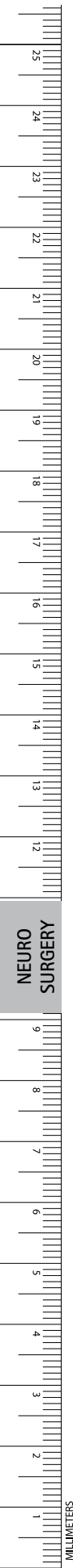
MF362R 1/1

Micro Ball Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF362R	STR	0.8	7 1/2

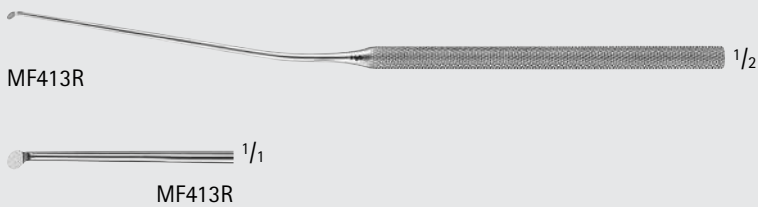
Neurosurgery

Micro Dissectors/Rasps/Hooks



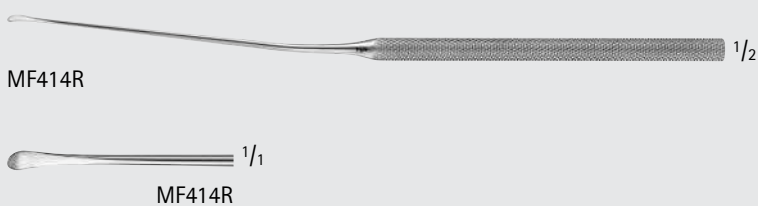
Jannetta Style Knife #1

Catalog Number	Diameter (mm)	Length (in.)
MF412R	2.0	7 1/2



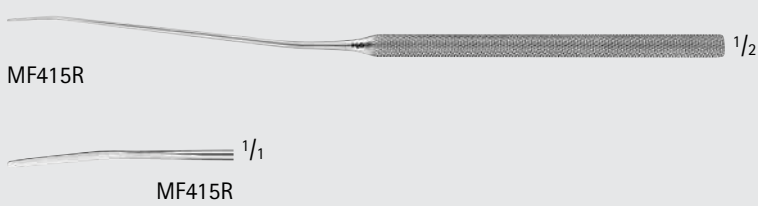
Jannetta Style Knife #2

Catalog Number	Diameter (mm)	Length (in.)
MF413R	2.5	7 1/2



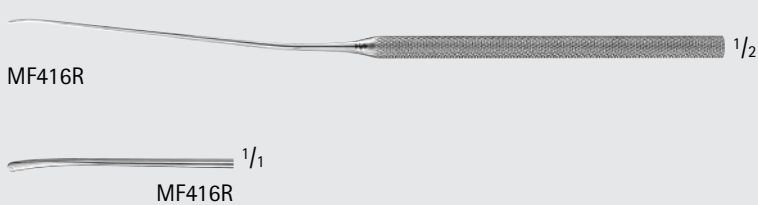
Jannetta Style Duckbill Elevator #3

Catalog Number	Width (mm)	Length (in.)
MF414R	2.7	7 1/2



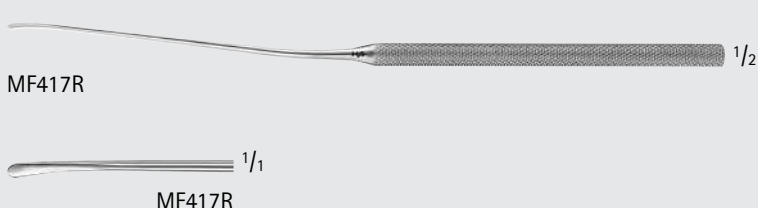
Jannetta Style Elevator #4

Catalog Number	Width (mm)	Length (in.)
MF415R	1.2	7 1/2



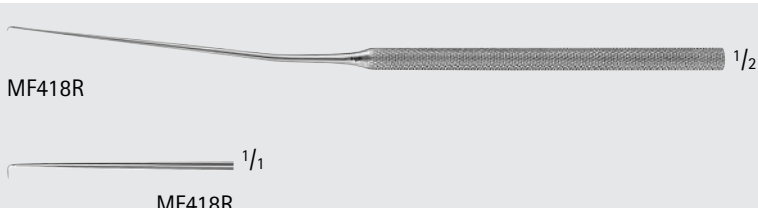
Jannetta Style Dissector #5

Catalog Number	Width (mm)	Length (in.)
MF416R	1.6	7 1/2



Jannetta Style Dissector #6


Catalog Number	Width (mm)	Length (in.)
MF417R	2.0	7 1/2



Jannetta Style Right Angle Hook #7

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF418R	90°	2.0	7 1/2



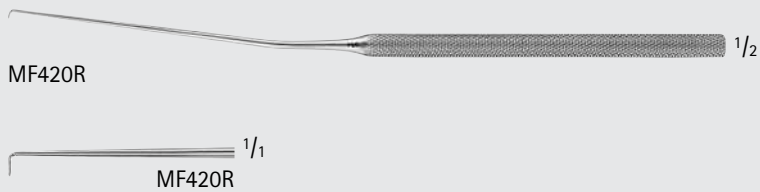


MF419R 1/2

MF419R 1/1

Jannetta Style Probe #8

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF419R	45°	1.7	7 1/2

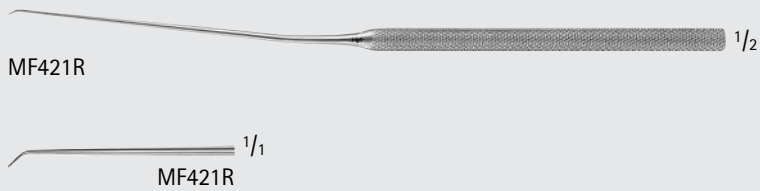


MF420R 1/2

MF420R 1/1

Jannetta Style Right Angle Hook #9

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF420R	90°	3.5	7 1/2

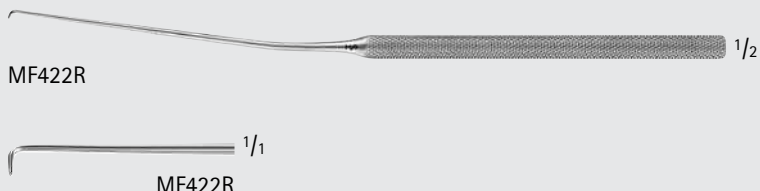


MF421R 1/2

MF421R 1/1

Jannetta Style Hook #9A

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF421R	45°	2.8	7 1/2

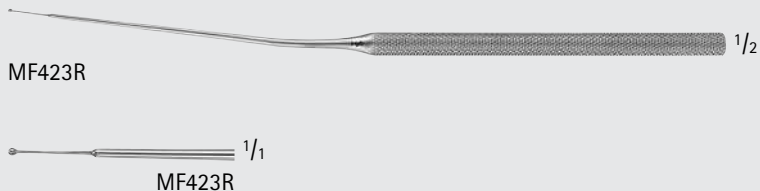


MF422R 1/2

MF422R 1/1

Jannetta Style Right Angle Hook #10

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF422R	90°	4.7	7 1/2




MF423R 1/2

MF423R 1/1

Jannetta Style Probe #11

Catalog Number	Tip	Diameter (mm)	Length (in.)
MF423R	BALL-PT	0.8	7 1/2




MF424R 1/2

MF424R 1/1

Jannetta Style Double Prong Fork #12

Catalog Number	Tip	Width (mm)	Length (in.)
MF424R	30°	1.1	7 1/2



MF425R 1/2

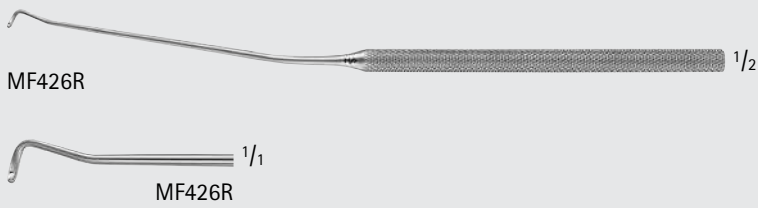
MF425R 1/1

Jannetta Style Double Prong Fork #13

Catalog Number	Tip	Width (mm)	Length (in.)
MF425R	30°	1.4	7 1/2

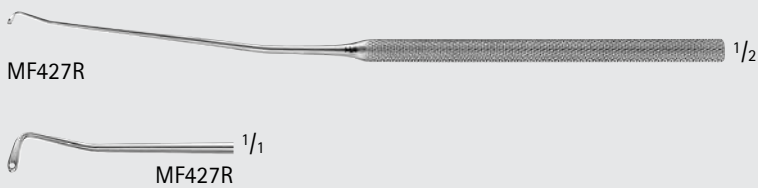
Neurosurgery

Micro Dissectors/Rasps/Hooks



Jannetta Style Aneurysm Neck Dissector #14

Catalog Number	Tip	Length (in.)
MF426R	RIGHT	7 1/2



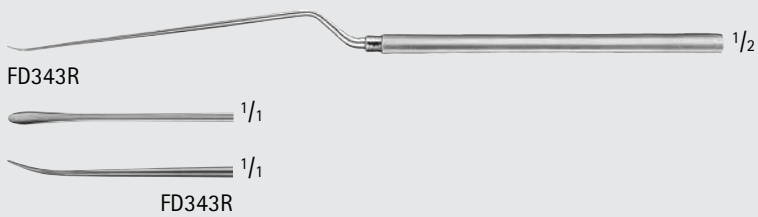
Jannetta Style Aneurysm Neck Dissector #15

Catalog Number	Tip	Length (in.)
MF427R	RIGHT	7 1/2



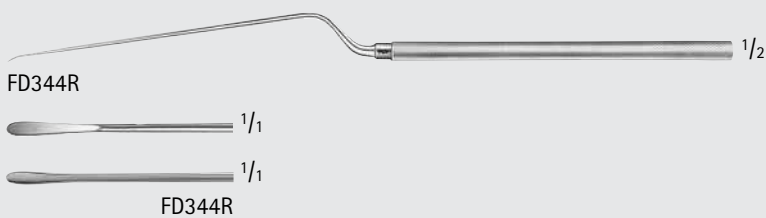
Micro Dissector

Catalog Number	Length (in.)
FD333R	9



Micro Dissector

Catalog Number	Tip	Shape	Length (in.)
FD343R	CVD-UP	BAYONET	9



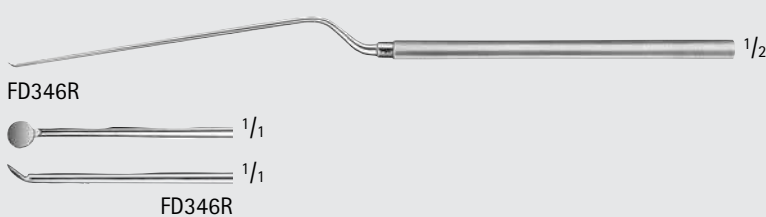
Micro Dissector

Catalog Number	Tip	Shape	Length (in.)
FD344R	CVD	BAYONET	9



Micro Raspatory

Catalog Number	Tip	Length (in.)
FD338R	PLATE-SHAPED ANG-DOWN	9



Micro Raspatory

Catalog Number	Tip	Shape	Length (in.)
FD346R	PLATE-SHAPED ANG-UP	BAYONET	9




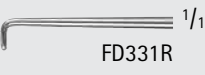
NEURO SURGERY

FD330R 1/2 **Micro Hook**






Catalog Number	Tip	Length (in.)
FD330R	SEMI-SHARP	9

FD331R 1/2 **Micro Hook**

Catalog Number	Tip	Length (in.)
FD331R	BLUNT	9

FD332R 1/2 **Micro Dissector**


Catalog Number	Tip	Length (in.)
FD332R	STR	9

FD334R 1/2 **Micro Dissector**




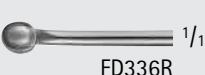

Catalog Number	Tip	Length (in.)
FD334R	SMALL	9

FD335R 1/2 **Micro Scoop**


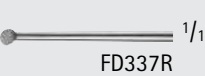
Catalog Number	Tip	Length (in.)
FD335R	STR, SHARP	9

FD336R 1/2 **Micro Scoop**

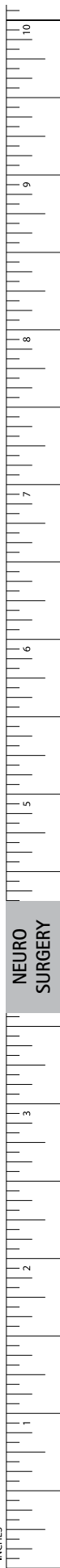



Catalog Number	Tip	Length (in.)
FD336R	ANG, SHARP	9

FD337R 1/2 **Micro Raspatory**

Catalog Number	Tip	Length (in.)
FD337R	ROUND, SMALL	9



Neurosurgery

Micro Dissectors/Rasps/Hooks



FF326R

YASARGIL Dissector, F/ Pediatrics

Catalog Number	Tip Size (mm)	Shaft	Length (in.)
FF326R	4.0	FLEX	7 3/4



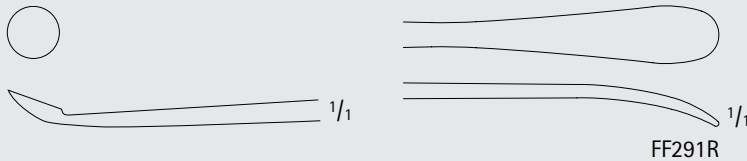
FF327R

YASARGIL Dissector, F/ Adults

Catalog Number	Tip Size (mm)	Shaft	Length (in.)
FF327R	7.0	FLEX	7 3/4



FF291R



PENFIELD Dissector, Double Ended

Catalog Number	Tip	Size	Length (in.)
FF291R	SLIGHT-CVD, S/B	#1	6 7/8



FF292R

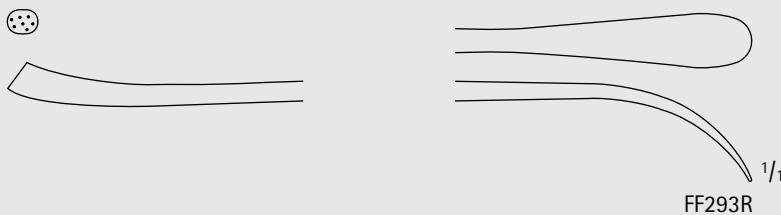


PENFIELD Dissector, Double Ended

Catalog Number	Tip	Size	Length (in.)
FF292R	SLIGHT-CVD, S/B	#2	7 3/4



FF293R

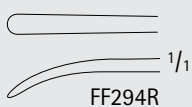


PENFIELD Dissector, Double Ended

Catalog Number	Tip	Size	Length (in.)
FF293R	CVD, S/B	#3	7 3/4

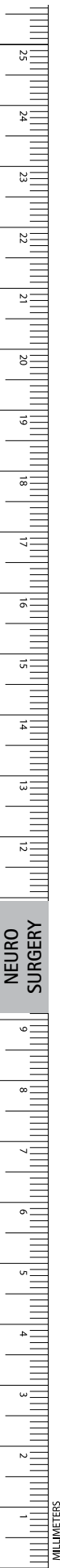


FF294R



PENFIELD Dissector

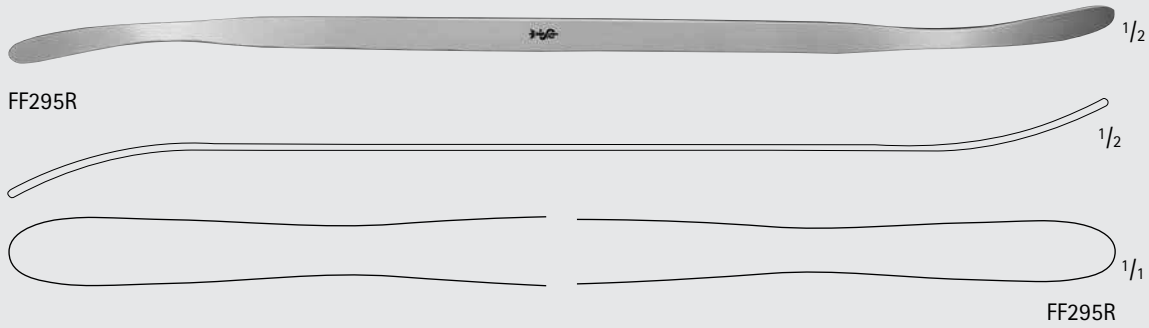
Catalog Number	Tip	Size	Length (in.)
FF294R	SLIGHT-CVD	#4	8



NEURO SURGERY

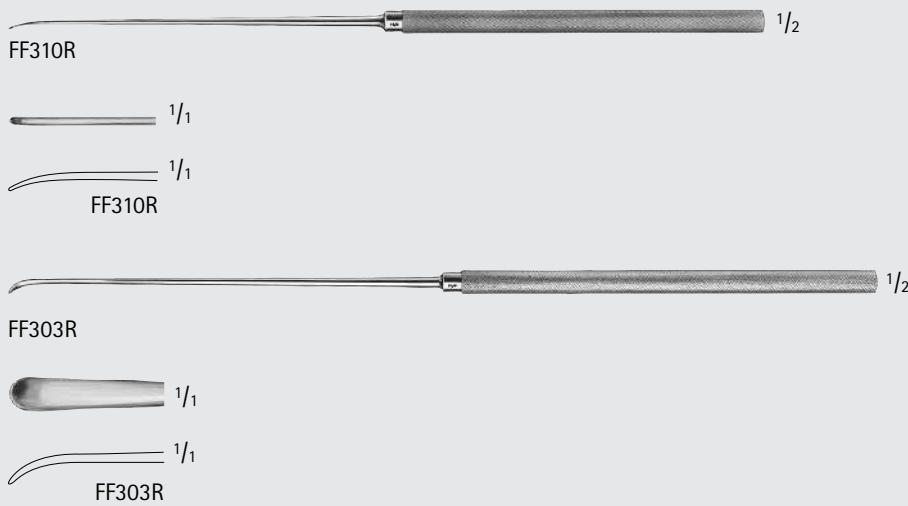
PENFIELD Dissector, Double Ended

Catalog Number	Tip	Size	Length (in.)
FF295R	SLIGHT-CVD, B/B	#5	11 1/2



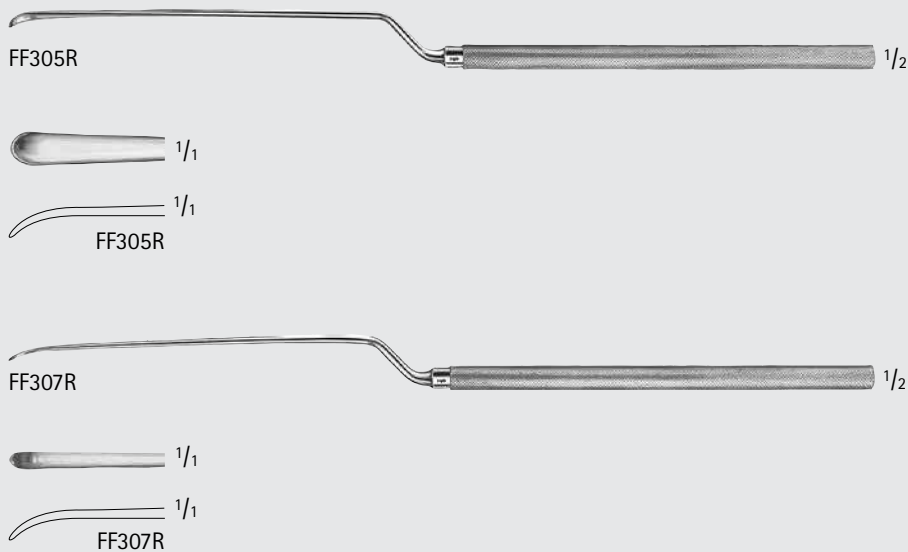
CASPAR Micro Dissector

Catalog Number	Tip	Tip Size (mm)	Length (in.)
FF310R	CVD	1.0	7 7/8
FF303R	CVD	4.5	9



CASPAR Micro Dissector

Catalog Number	Tip	Tip Size (mm)	Shape	Length (in.)
FF307R	CVD-DOWN	2.0	BAYONET	9
FF305R	CVD-DOWN	4.5	BAYONET	9




Neurosurgery

Micro Dissectors/Rasps/Hooks

FF311R

 1/1

 1/1

FF311R


1/2

CASPAR Micro Dissector

Catalog Number	Tip	Tip Size (mm)	Shape	Length (in.)
FF311R	CVD-UP	1.0	BAYONET	8 1/4
FF312R	CVD-DOWN	1.0	BAYONET	8 1/4

FF312R

 1/1

 1/1

FF312R

1/2

MILLIGAN Dissector, Double Ended

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF455R	S/B	7.8	8 3/4

MF455R

 1/1

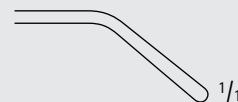
 1/1

MF455R

1/2

FF349R



 1/1

FF349R

PENNYBACKER Probe Dissector, Double Ended

Catalog Number	Tip	Length (in.)
FF349R	SLIGHT-CVD	9

1/2

NEURO SURGERY

MILLIMETERS

WOODSON Elevator, Spatula, Double Ended

Catalog Number	Tip	Length (in.)
MD605	DBL-END	10



DAVIS Vascular Spatula, Double Ended

Catalog Number	Tip	Length (in.)
FF300R	SLIGHT-CVD, B/B	9 5/8



TOENNIS Vascular Spatula, Double Ended

Catalog Number	Tip	Tip Size (mm)	Length (in.)
FF301R	SLIGHT-CVD, B/B	3 + 4	9 1/2
FF302R	SLIGHT-CVD, B/B	5 + 6	9 1/2



MUELLER Dura Hook

Catalog Number	Tip	Length (in.)
OL626R	1 PRONG	6



NEURO SURGERY

INCHES

Neurosurgery

Micro Dissectors/Rasps/Hooks



OL627R



OL627R

MUELLER Dura Hook

Catalog Number	Tip	Length (in.)
OL627R	2 PRONGS	6



FF313R



FF313R

CAIRNS Dura Retractor

Catalog Number	Tip	Length (in.)
FF313R	ANG SHARP	5 1/8



FF321R



FF321R

FRAZIER Dura Retractor

Catalog Number	Tip	Length (in.)
FF321R	CVD SHARP	5 1/8



FF322R



FF322R

TOENNIS Dura Retractor

Catalog Number	Tip	Length (in.)
FF322R	CVD SHARP	6



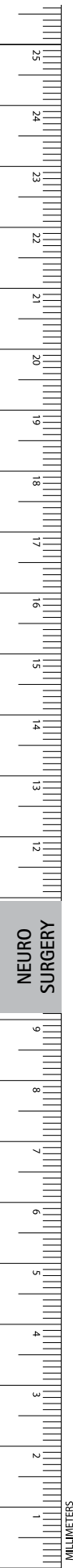
FL711R



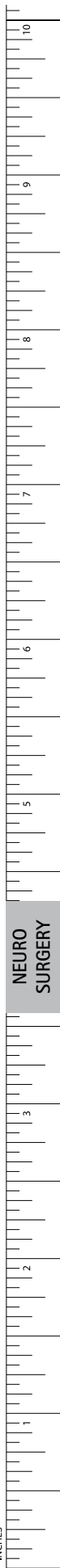
FL711R

KRAEMER Osteophyte Chisel

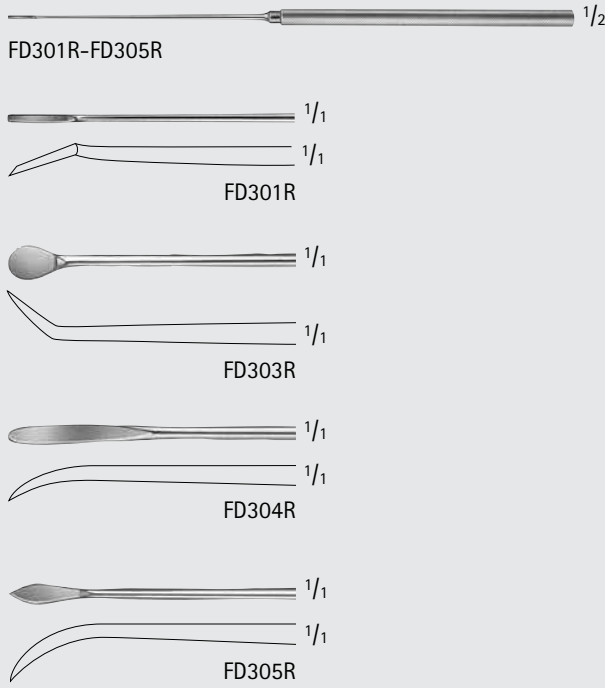
Catalog Number	Tip Size (mm)	Length (in.)
FL711R	2.5	8 1/2



NEURO SURGERY



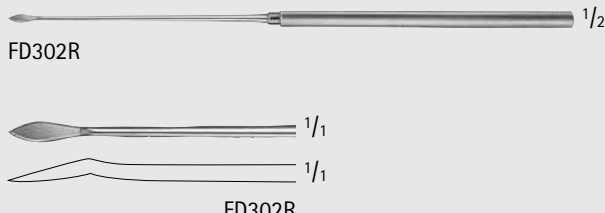
FD301R-FD305R 1/2



YASARGIL Micro Raspatory

Catalog Number	Tip	Shape	Length (in.)
FD301R	ANG-UP	STR	7 1/4
FD303R	ANG-UP	STR	7 1/4
FD304R	SLIGHT-CVD	STR	7 1/4
FD305R	HEAVY-CVD	STR	7 1/4

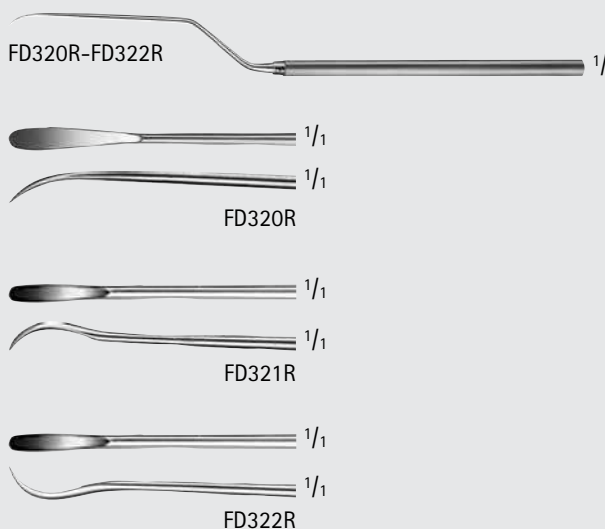
FD302R 1/2



YASARGIL Micro Dissector

Catalog Number	Tip	Shape	Length (in.)
FD302R	ANG-UP	STR	7 1/4

FD320R-FD322R 1/2



YASARGIL Micro Raspatory

Catalog Number	Tip	Shape	Length (in.)
FD320R	CVD	BAYONET	7 1/4
FD321R	CVD	BAYONET	7 1/4
FD322R	CVD-UP	BAYONET	7 1/4

Neurosurgery

Micro Dissectors/Rasps/Hooks



Twist Hook Tissue Pick

Catalog Number	Tip	Length (in.)
FD392R	1.8	7 1/4



FISCH Hook, Sharp

Catalog Number	Tip	Length (in.)
FD376R	90°	7 1/4

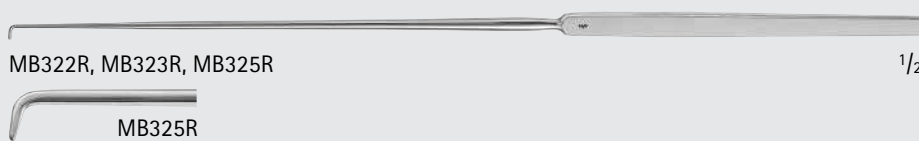
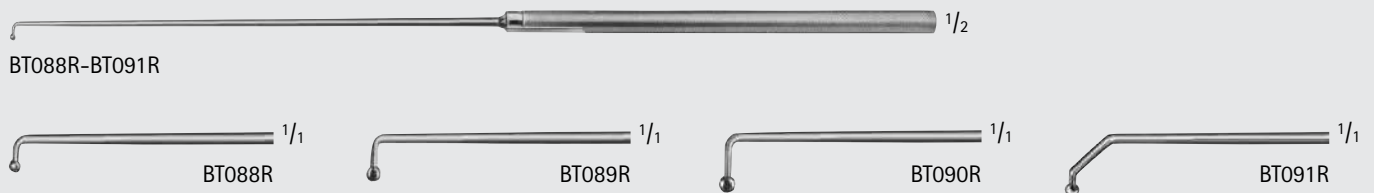


Dura Hook, Sharp

Catalog Number	Tip	Length (in.)
FD375R	90°	7 1/4

CASPAR Exploration Hook, Probe-End

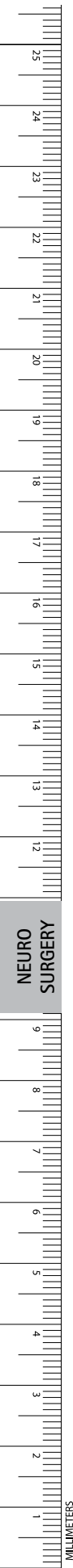
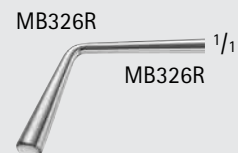
Catalog Number	Tip	Length (in.)
BT088R	90° SHORT	9 5/8
BT089R	90° MEDIUM	9 5/8
BT090R	90° LONG	9 5/8
BT091R	45°	9 5/8



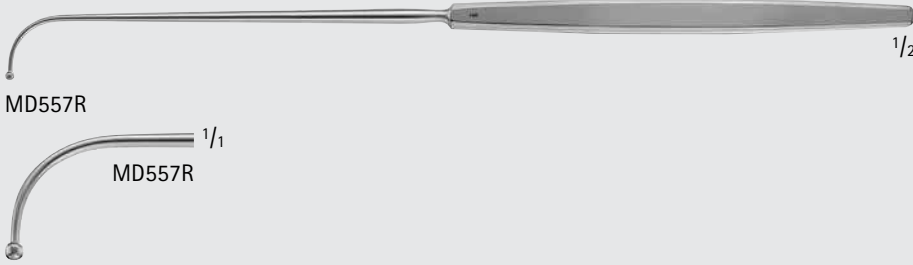
MCCULLOCH Probe

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MB310R	-	COMPLETE SET	-
MB322R	ANG HOOK	2	9 1/2
MB323R	ANG HOOK	3	9 1/2
MB325R	ANG HOOK	5	9 1/2
MB328R	ANG BALL	4	9 1/2
MB335R	ANG BALL	7	9 1/2
MB320R	ANG BALL	8	9 1/2
MB326R	FORAMINAL	17	9 1/2

MB310R Includes:
1 Probe of each MB320R, MB322R, MB323R, MB325R, MB326R

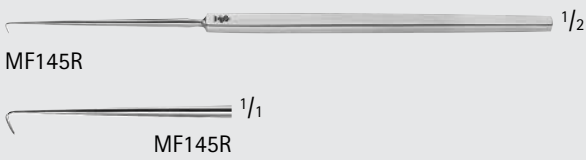


NEURO SURGERY



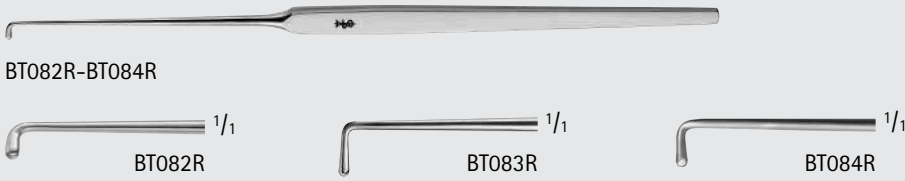
MURPHY Ball Hook

Catalog Number	Tip	Length (in.)
MD557R	HEAVY-CVD	9 1/4




CUSHING Dura Hook

Catalog Number	Length (in.)
MF145R	5 3/4




CUSHING Vessel Hook

Catalog Number	Tip Size (mm)	Tip	Length (in.)
BT082R	1 x 4	BLUNT	7 1/2
BT083R	1 x 7	BLUNT	7 1/2
BT084R	1 x 6	BLUNT	11



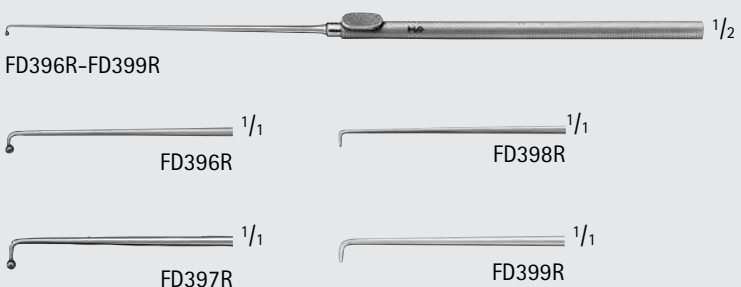
CRILE Vessel Hook

Catalog Number	Tip Size (mm)	Tip	Length (in.)
BT080R	1.5 x 9	BLUNT	7 7/8



MALIS Style Nerve Hook

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF143R	BLUNT	2.0	7
MF144R	BLUNT	3.0	7
MF142R	BALL-POINT	3.0	7



KRAYENBUEHL Nerve Hook

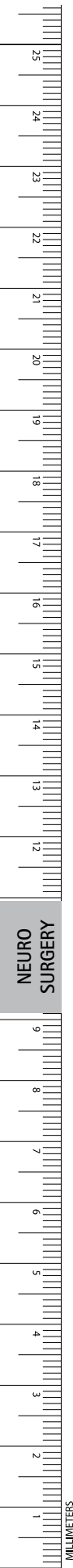
Catalog Number	Tip	Length (in.)
FD396R	SHORT BALL-POINT	7 1/4
FD397R	BALL-POINT	7 1/4
FD398R	BLUNT	7 1/4
FD399R	BLUNT	7 1/4



NEURO SURGERY

Neurosurgery

Micro Dissectors/Rasps/Hooks



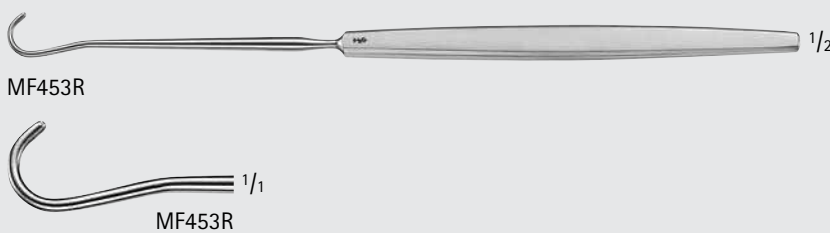
DANDY Nerve Hook

Catalog Number	Tip Size (mm)	Blade End	Length (in.)
MD562	1 x 8	BLUNT	8 3/4



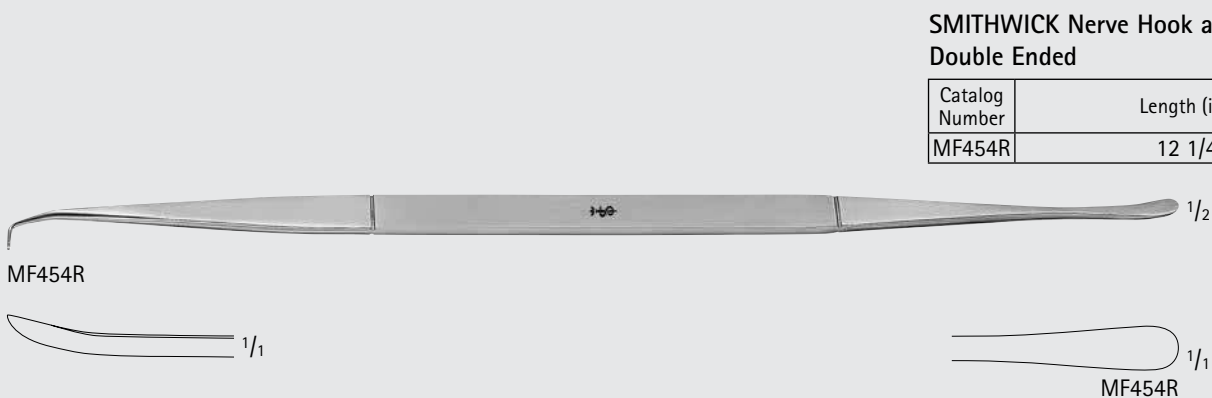
WEARY Nerve Hook

Catalog Number	Color	Length (in.)
MF138R	BLACK	8



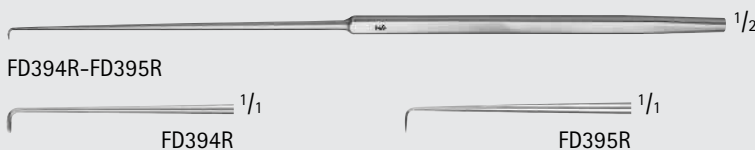
SMITHWICK Nerve Hook

Catalog Number	Length (in.)
MF453R	8 1/4



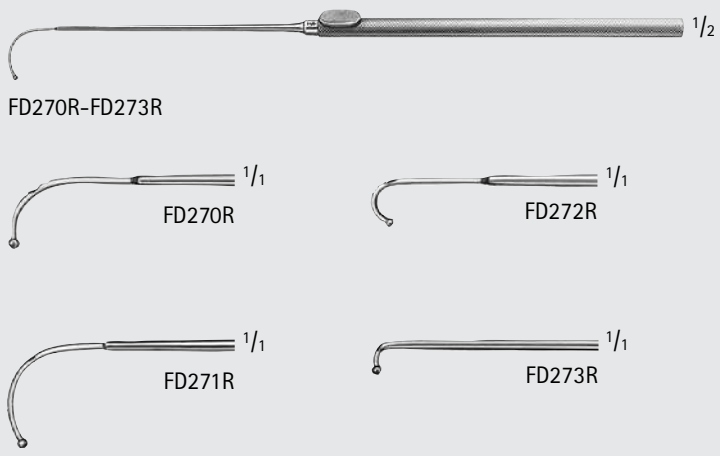
SMITHWICK Nerve Hook and Dissector, Double Ended

Catalog Number	Length (in.)
MF454R	12 1/4



ADSON Nerve Hook

Catalog Number	Tip	Length (in.)
FD394R	BLUNT	7 1/2
FD395R	SHARP	7 1/2



FD270R-FD273R

FD270R

FD272R

FD271R

FD273R

1/2

1/1

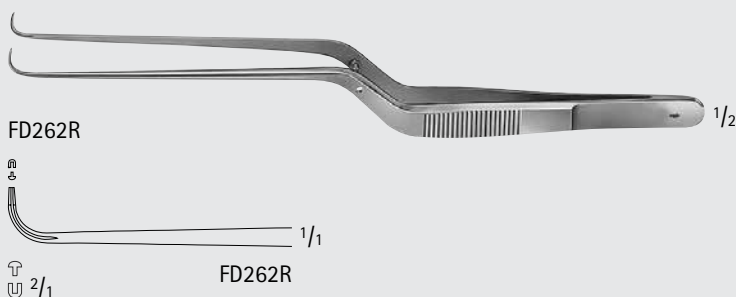
1/1

1/1

1/1

YASARGIL Ligature Guide, W/ Ball Point

Catalog Number	Tip	Length (in.)
FD270R	CVD-LEFT	7 1/4
FD271R	CVD	7 1/4
FD272R	HEAVY-CVD	7 1/4
FD273R	90°	7 1/4



FD262R

FD262R

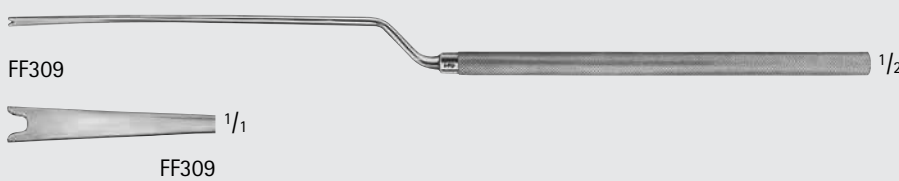
2/1

1/1

1/2

YASARGIL Ligature Forceps

Catalog Number	Tip	Shape	Length (in.)
FD262R	TOOTHED	BAYONET	7



FF309

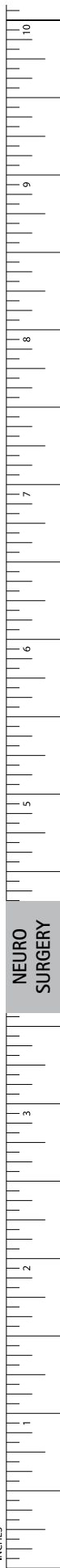
FF309

1/1

1/2

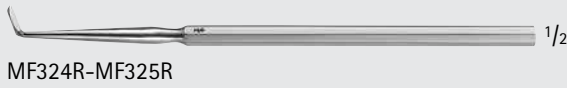
CASPAR Suture Pusher

Catalog Number	Shape	Length (in.)
FF309	BAYONET	9



Neurosurgery

Dural Separators and Knives



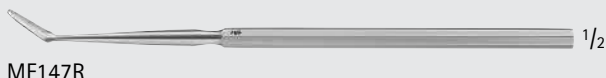
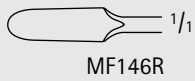
HOEN Dural Separator

Catalog Number	Tip	Depth (mm)	Width (mm)	Length (in.)
MF324R	90°	15	3.0	5 1/2
MF325R	45°	15	3.0	6



DORSEY Dural Separator

Catalog Number	Depth (mm)	Width (mm)	Length (in.)
MF146R	15	5.0	6



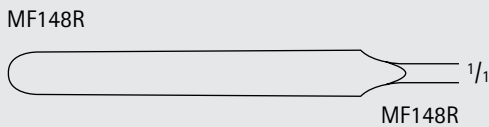
FRAZIER Dural Separator

Catalog Number	Depth (mm)	Width (mm)	Length (in.)
MF147R	13	3.0	6



HORSLEY Dural Separator

Catalog Number	Depth (mm)	Width (mm)	Length (in.)
MF148R	55	6.5	8 1/4



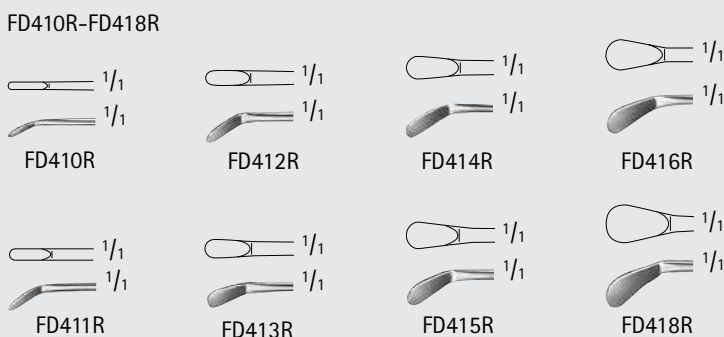
WOODSON Dural Separator, Double Ended

Catalog Number	Length (in.)
MF056R	7

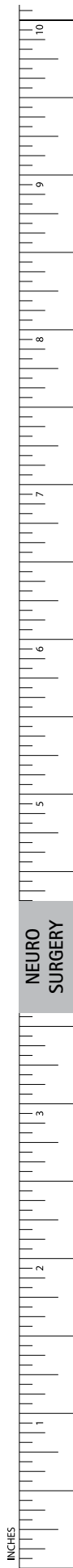


SAMII Knives for Tumor Tissue

Catalog Number	Tip Size (mm)	Length (in.)
FD410R	1.0	9
FD411R	1.5	9
FD412R	2.0	9
FD413R	2.5	9
FD414R	3.0	9
FD415R	3.5	9
FD416R	4.0	9
FD418R	5.0	9

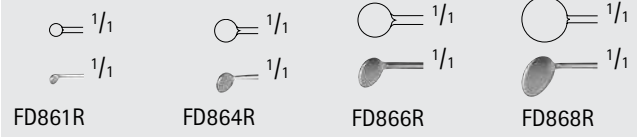


NEURO SURGERY



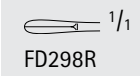
SAMII Tumor Tissue Knife, Round Blade

Catalog Number	Diameter (mm)	Length (in.)
FD861R	1.5	9
FD864R	3.0	9
FD866R	4.5	9
FD868R	6.0	9



SAMII Lancet Knife

Catalog Number	Length (in.)
FD298R	9



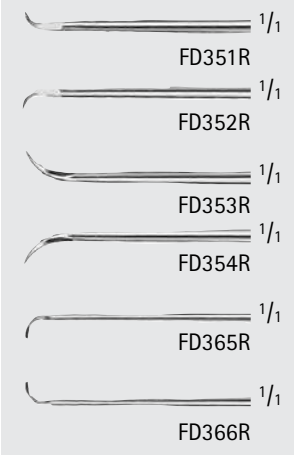
CASPAR Micro Knife

Catalog Number	Tip	Shape	Length (in.)
FD347R	BLUNT	STR	7 7/8



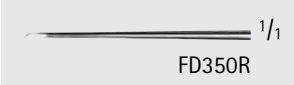
KOOS Micro Vessel Knife, Bayonet-Shaped

Catalog Number	Tip	Length (in.)
FD351R	CVD-UP	7 1/4
FD352R	CVD-DOWN	7 1/4
FD353R	SLIGHT CVD-UP	7 1/4
FD354R	SLIGHT CVD-DOWN	7 1/4
FD365R	STRONG CVD-DOWN	7 1/4
FD366R	STRONG CVD-UP	7 1/4



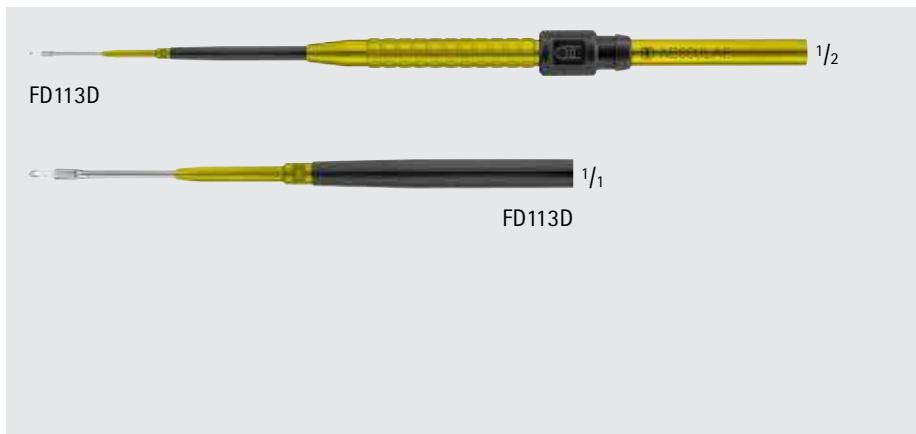
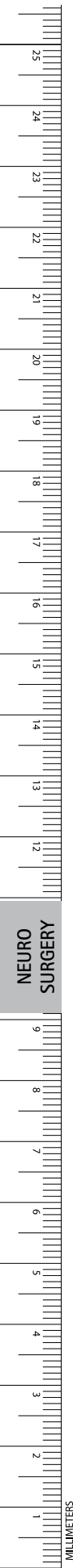
JACOBSON Vessel Knife

Catalog Number	Length (in.)
FD350R	7 1/4



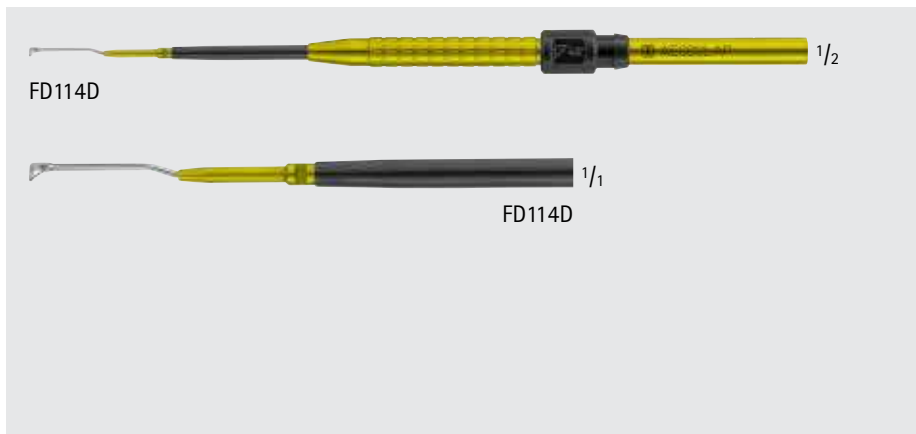
Neurosurgery

Knives



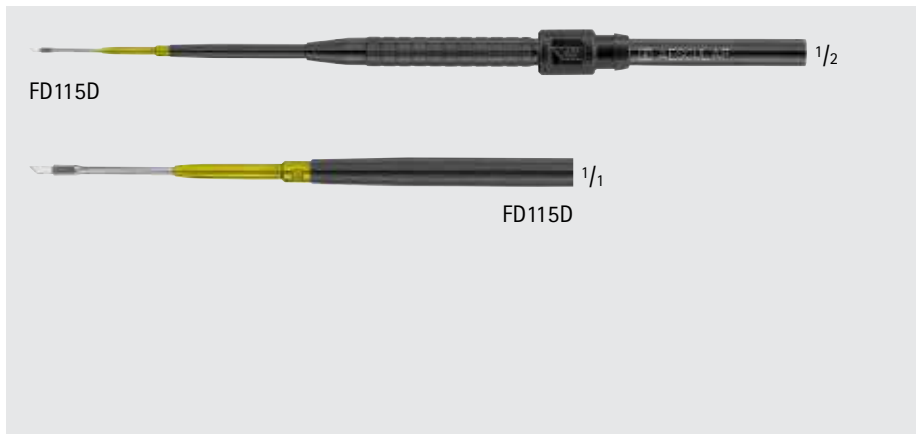
Diamond Knife

Catalog Number	Tip	Blade	Handle Color	Length (in.)
FD113D	7 FACETS	ROUND	GOLD	8



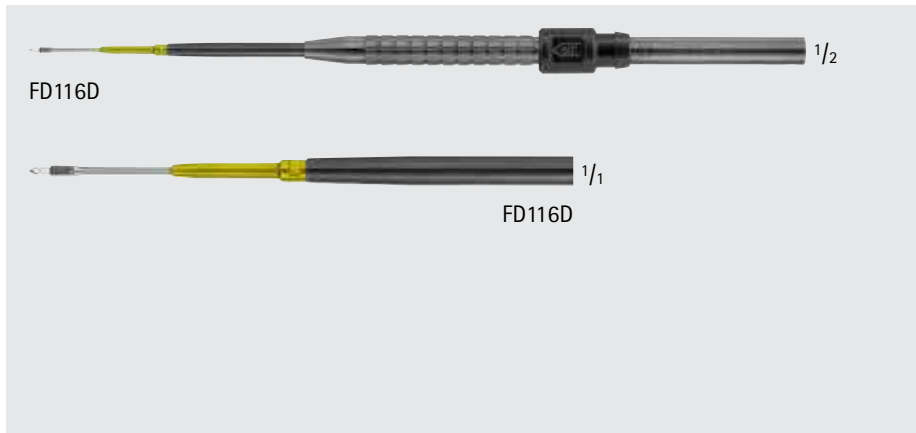
Diamond Knife

Catalog Number	Tip	Blade	Handle Color	Length (in.)
FD114D	60°	RETRO	COPPER	8



Diamond Knife

Catalog Number	Tip	Blade	Handle Color	Length (in.)
FD115D	45°	WEDGE	BLACK	8



Diamond Knife

Catalog Number	Tip	Blade	Handle Color	Length (in.)
FD116D	60°	LANCET	BRONZE	8



OK100R-OK102R



OK103R

CUSHING-LANDOLT Transsphenoidal Speculum

Catalog Number	Blade Size (mm)	Length (in.)
OK100R	70 x 15	-
OK101R	90 x 15	-
OK102R	110 x 15	-
OK103R	SPREADER FOR OK100R-OK102R	8 1/4



MF130R-MF132R

KILLIAN Speculum, Self Retaining

Catalog Number	Blade Size (mm)
MF130R	51 x 7
MF131R	76 x 7
MF132R	90 x 7



Neurosurgery

Pituitary Instruments



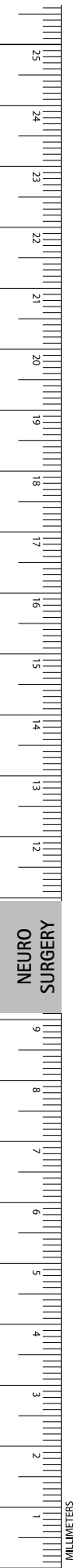
PAPAVERO-HARTMANN (CASPAR)
Transsphenoidal Speculum, Slim,
W/ Key

Catalog Number	Blade Size (mm)	Description	Length (in.)
FF589R	80 x 11	-	-
FF590R	90 x 13	-	-
FF591R	100 x 15	-	-
TE749R	-	HEX KEY	-
FF595R	34 x 9	SPREADER FOR FF589R-FF591R	5 1/2

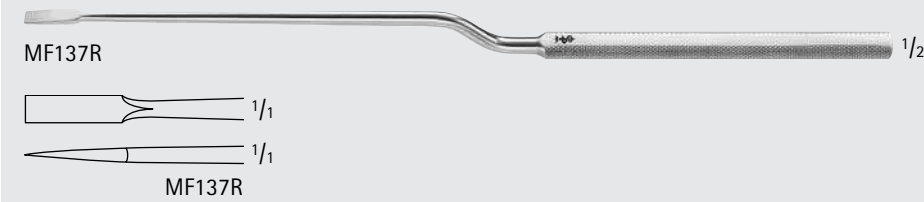


Noir Transsphenoidal Specula

Catalog Number	Blade Size (mm)
FF590B	90 x 13

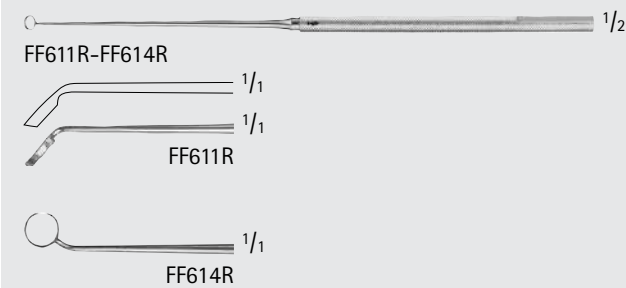


NEURO SURGERY



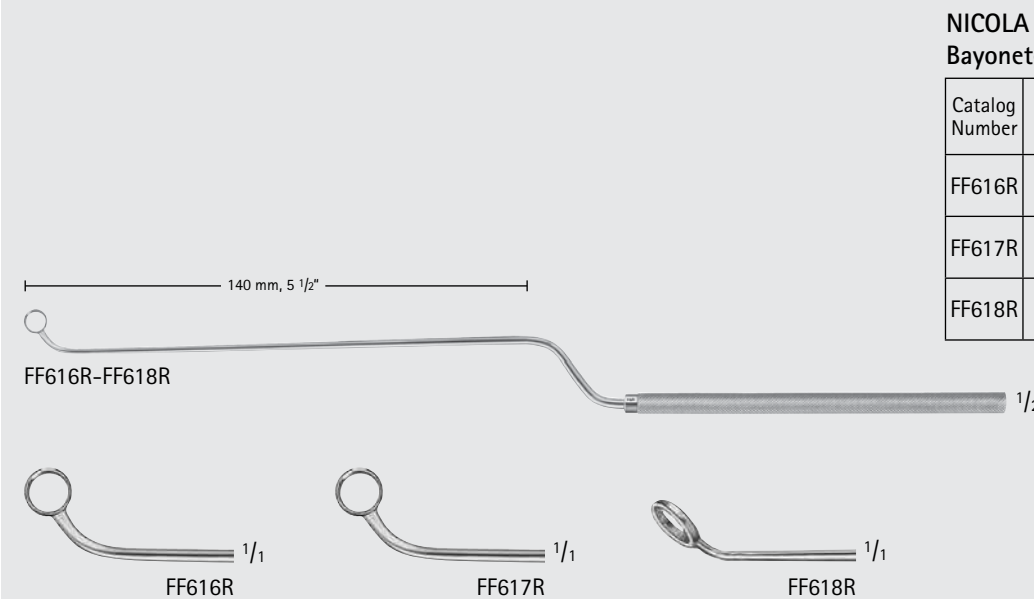
PAPAVERO Chisel

Catalog Number	Tip	Tip Size (mm)	Shape	Length (in.)
MF137R	STR	4.0	BAYONET	9



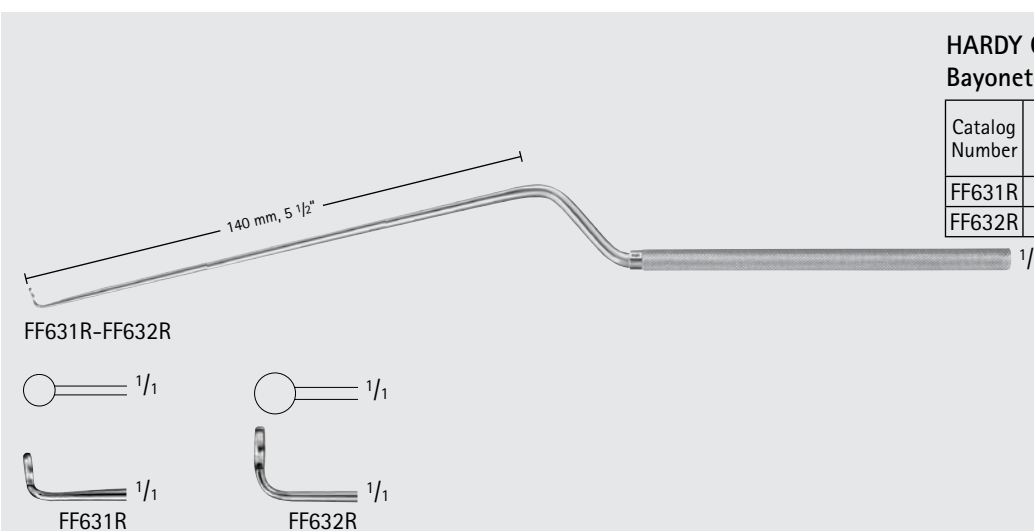
RAY Curette

Catalog Number	Tip	Diameter (mm)	Length (in.)
FF611R	HORIZONTAL 45°	4.0	7
FF614R	VERTICAL 45°	4.0	7



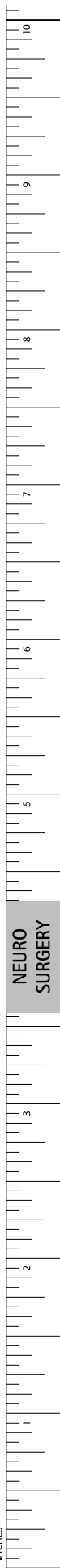
NICOLA Curette, Malleable, Bayonet-Shaped

Catalog Number	Tip	Diameter (mm)	Working Length (in.)	Length (in.)
FF616R	CUT-RIGHT	6.5	5 1/2	10 1/4
FF617R	CUT-LEFT	6.5	5 1/2	10 1/4
FF618R	-	6.5	5 1/2	10 1/4



HARDY Curette, Malleable, Bayonet-Shaped

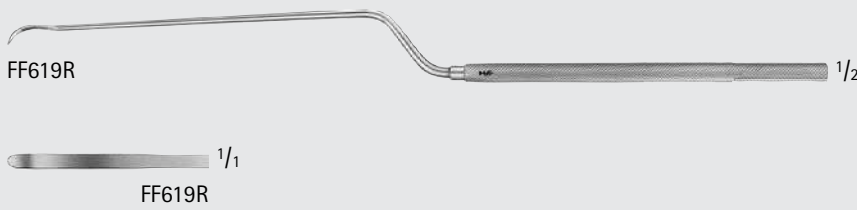
Catalog Number	Diameter (mm)	Working Length (in.)	Length (in.)
FF631R	4.0	5 1/2	10 1/4
FF632R	6.0	5 1/2	10 1/4



NEURO SURGERY

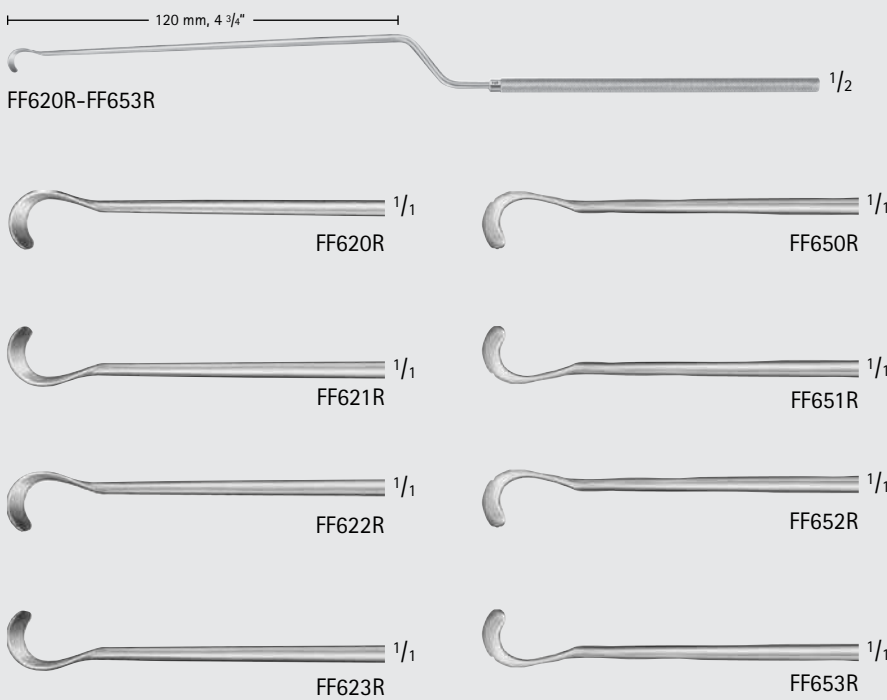
Neurosurgery

Pituitary Instruments



NICOLA Raspatory, Bayonet-Shaped

Catalog Number	Length (in.)
FF619R	8 3/4

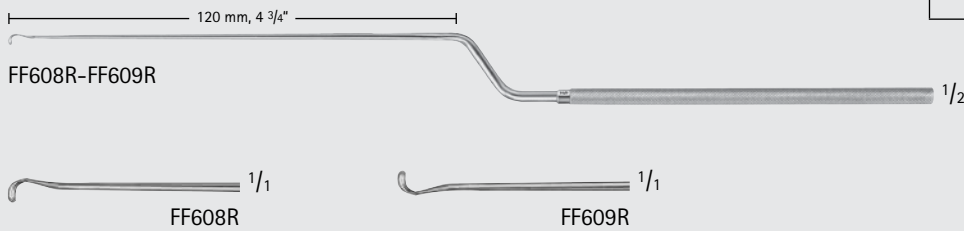


HARDY Enucleator, Bayonet-Shaped

Catalog Number	Tip	Working Length (in.)	Length (in.)
FF620R	CVD-RIGHT, CUT-RIGHT, BLUNT	4 3/4	9 5/8
FF621R	CVD-LEFT, CUT-RIGHT, BLUNT	4 3/4	9 5/8
FF622R	CVD-RIGHT, CUT-RIGHT, SHARP	4 3/4	9 5/8
FF623R	CVD-LEFT, CUT-RIGHT, SHARP	4 3/4	9 5/8
FF650R	CVD-RIGHT, CUT-LEFT, BLUNT	4 3/4	9 5/8
FF651R	CVD-LEFT, CUT-LEFT, BLUNT	4 3/4	9 5/8
FF652R	CVD-RIGHT, CUT-LEFT, SHARP	4 3/4	9 5/8
FF653R	CVD-LEFT, CUT-LEFT, SHARP	4 3/4	9 5/8

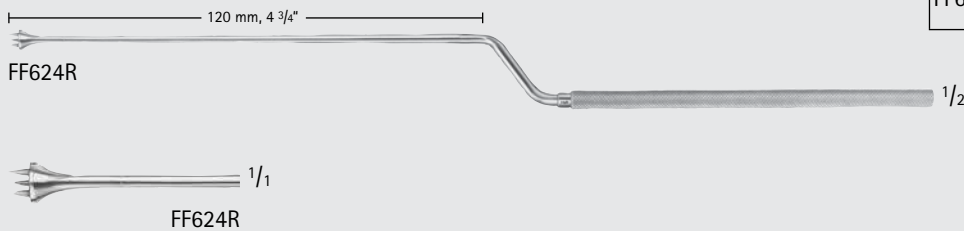
**HARDY-FAHLBUSCH Dissector,
Bayonet-Shaped**

Catalog Number	Tip	Working Length (in.)	Length (in.)
FF608R	CVD-RIGHT, CUT-LEFT, SHARP	4 3/4	9 5/8
FF609R	CVD-LEFT, CUT-RIGHT, SHARP	4 3/4	9 5/8



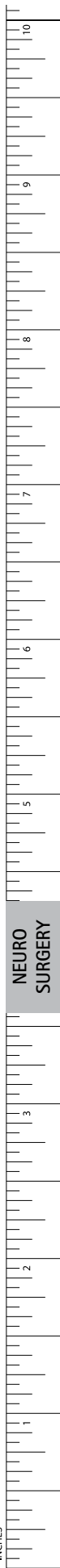
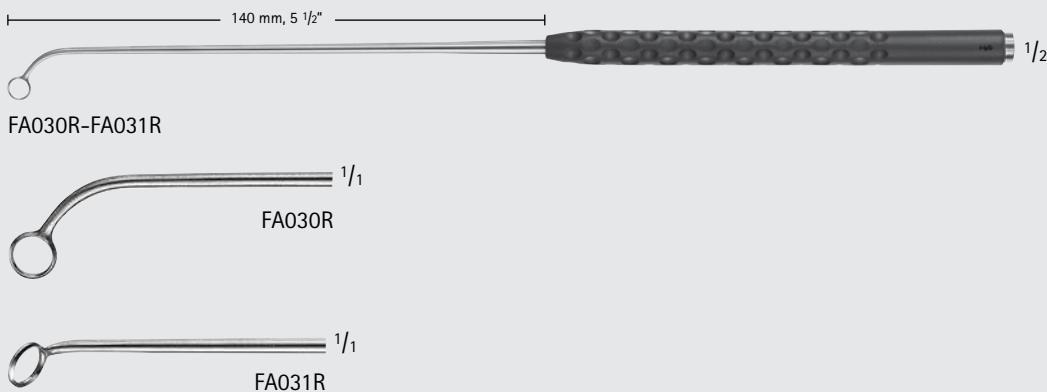
HARDY Implant Fork, Bayonet-Shaped

Catalog Number	Working Length (in.)	Length (in.)
FF624R	4 3/4	9 5/8



NICOLA Curette

Catalog Number	Tip	Diameter (mm)	Handle	Working Length (in.)	Length (in.)
FA030R	VERTICAL 45°	6.5	STR	5 1/2	10 1/2
FA031R	HORIZONTAL 45°	6.5	STR	5 1/2	10 1/2



Neurosurgery

Pituitary Instruments

HARDY Eucleator

Catalog Number	Tip	Handle	Working Length (in.)	Length (in.)
FA032R	CVD-LEFT, CUT-LEFT	STR	5 1/2	10 1/2
FA033R	CVD-LEFT, CUT-RIGHT	STR	5 1/2	10 1/2



FA032R-FA033R



FA032R



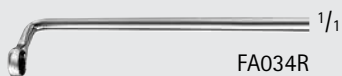
FA033R

HARDY Curette

Catalog Number	Tip	Diameter (mm)	Handle	Working Length (in.)	Length (in.)
FA036R	45° SHORT NECK	4.0	STR	5 1/2	10 1/2
FA034R	90° LONG NECK	4.0	STR	5 1/2	10 1/2
FA035R	90° SHORT NECK	4.0	STR	5 1/2	10 1/2
FA037R	90° LONG NECK	6.0	STR	5 1/2	10 1/2
FA038R	90° SHORT NECK	6.0	STR	5 1/2	10 1/2



FA034R-FA038R



FA034R



FA036R



FA035R



FA037R



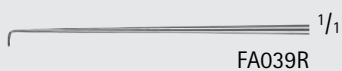
FA038R

LANDOLT-REULEN Hook

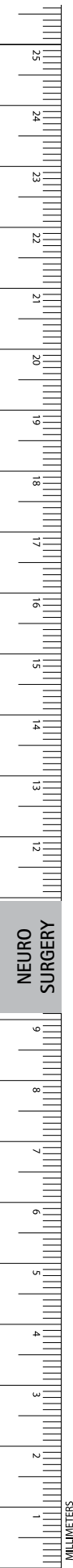
Catalog Number	Diameter (mm)	Handle	Working Length (in.)	Length (in.)
FA039R	1.7	STR	5 1/2	10 1/2



FA039R



FA039R



NEURO SURGERY

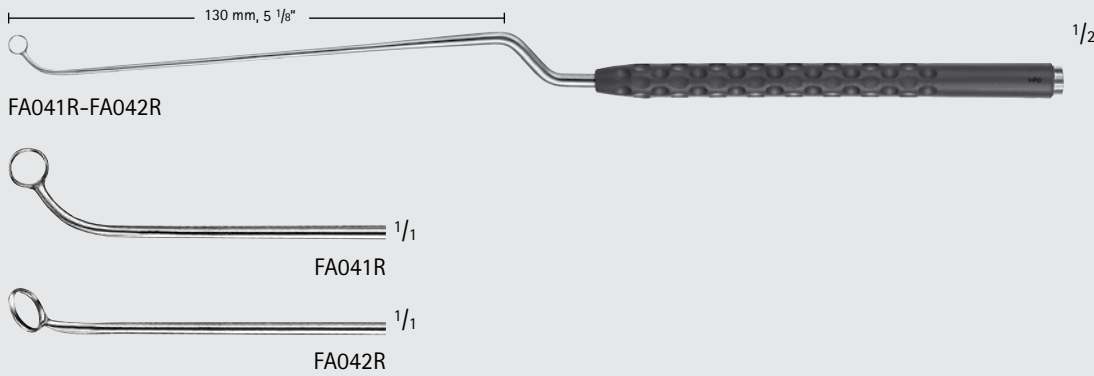
LANDOLT-REULEN Dissector

Catalog Number	Diameter (mm)	Handle	Working Length (in.)	Length (in.)
FA040R	2.0	STR	5 1/2	10 1/2



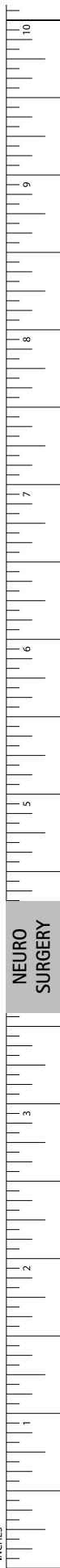
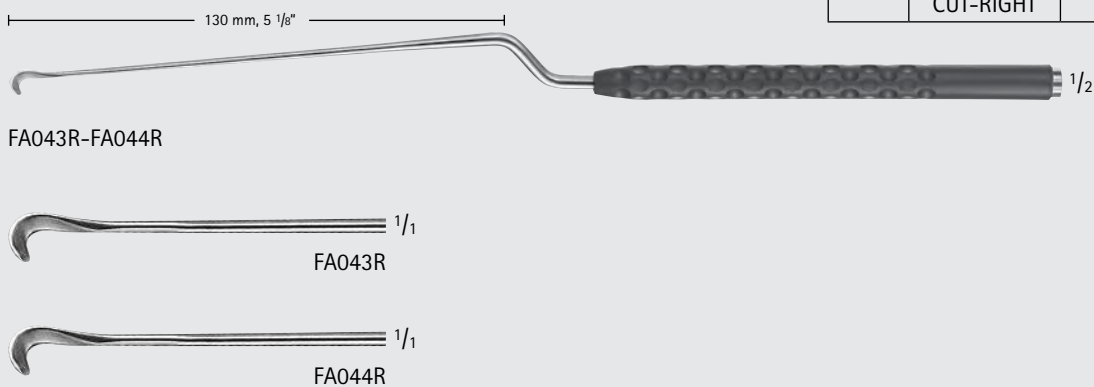
NICOLA Curette, Bayonet-Shaped

Catalog Number	Tip	Diameter (mm)	Working Length (in.)	Length (in.)
FA041R	VERTICAL 45°	6.5	5 1/8	11
FA042R	HORIZONTAL 45°	6.5	5 1/8	11



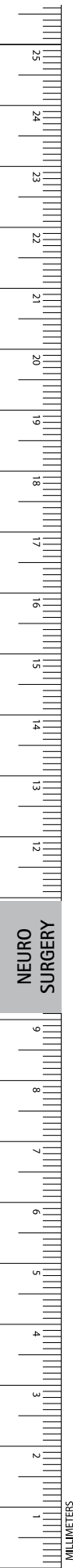
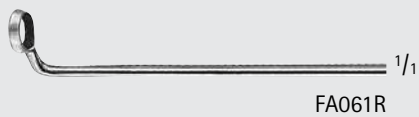
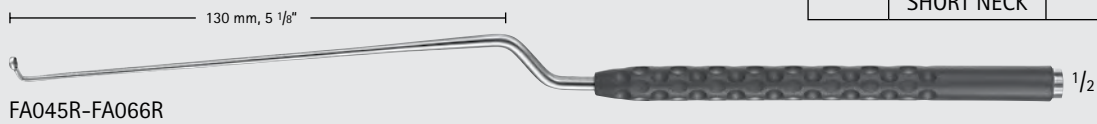
HARDY Enucleator, Bayonet-Shaped

Catalog Number	Tip	Working Length (in.)	Length (in.)
FA043R	CVD-LEFT, CUT-LEFT	5 1/8	11
FA044R	CVD-LEFT, CUT-RIGHT	5 1/8	11



HARDY Curette, Bayonet-Shaped

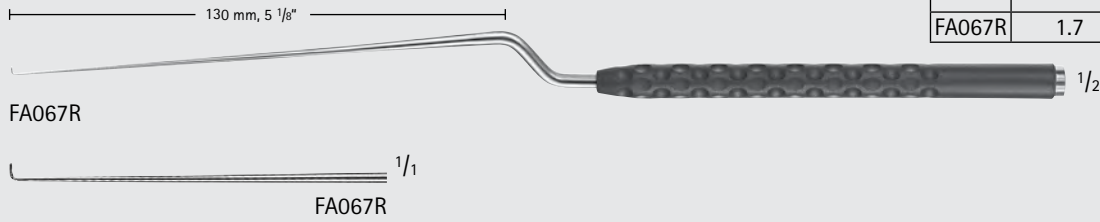
Catalog Number	Tip	Diameter (mm)	Working Length (in.)	Length (in.)
FA045R	90° LEFT/ LONG NECK	4.0	5 1/8	11
FA046R	90° LEFT/ SHORT NECK	4.0	5 1/8	11
FA047R	90° RIGHT/ LONG NECK	4.0	5 1/8	11
FA060R	90° RIGHT/ SHORT NECK	4.0	5 1/8	11
FA061R	45° LEFT HORIZONTAL/ SHORT NECK	4.0	5 1/8	11
FA062R	45° RIGHT HORIZONTAL/ SHORT NECK	4.0	5 1/8	11
FA063R	90° LEFT/ LONG NECK	6.0	5 1/8	11
FA064R	90° LEFT/ SHORT NECK	6.0	5 1/8	11
FA065R	90° RIGHT/ LONG NECK	6.0	5 1/8	11
FA066R	90° RIGHT/ SHORT NECK	6.0	5 1/8	11



NEURO SURGERY

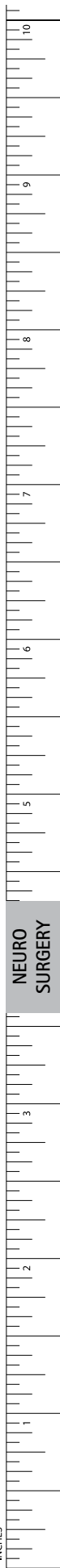
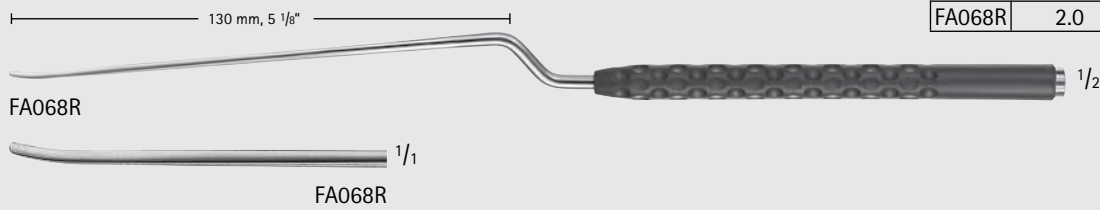
**LANDOLT-REULEN Hook,
Bayonet-Shaped**

Catalog Number	Diameter (mm)	Working Length (in.)	Length (in.)
FA067R	1.7	5 1/8	11



**LANDOLT-REULEN Dissector,
Bayonet-Shaped**

Catalog Number	Diameter (mm)	Working Length (in.)	Length (in.)
FA068R	2.0	5 1/8	11

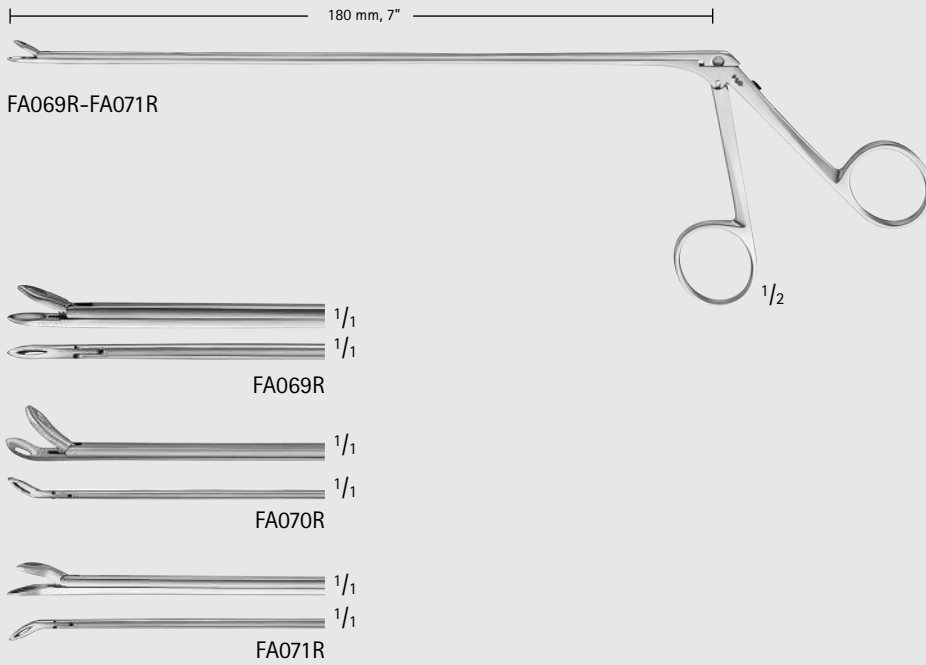
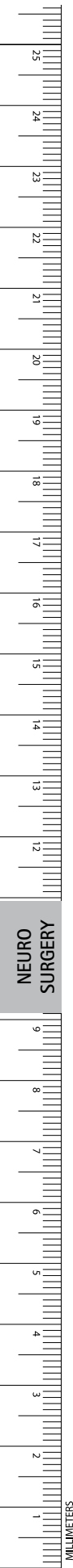


NEURO SURGERY

INCHES

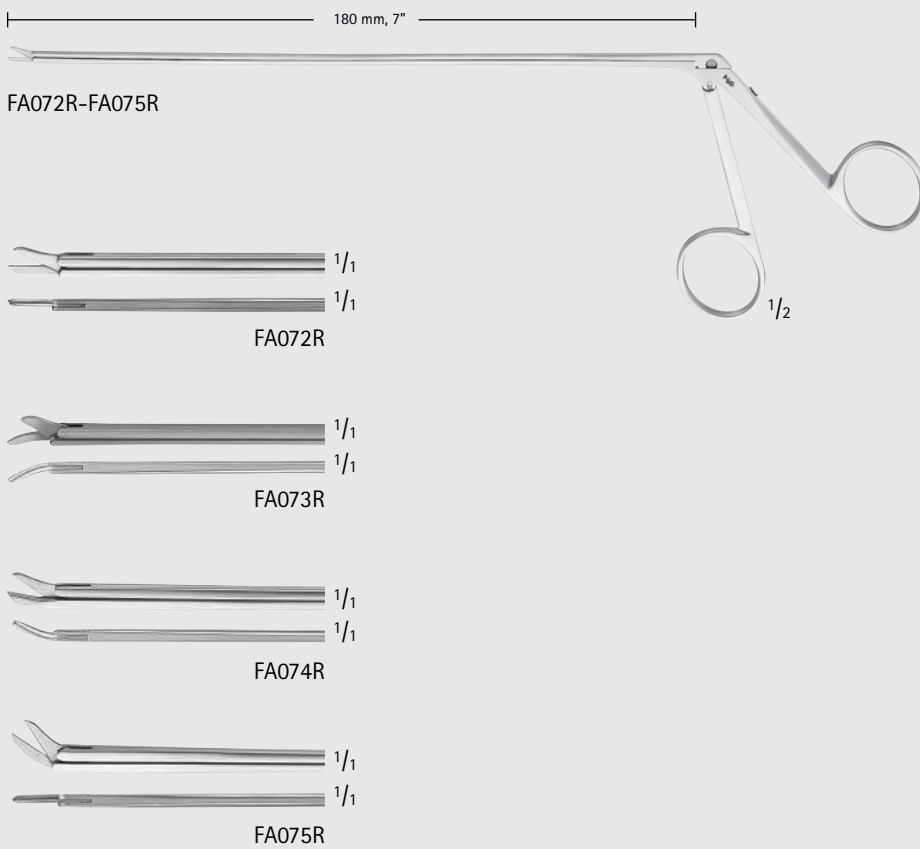
Neurosurgery

Pituitary Instruments



Micro Forceps

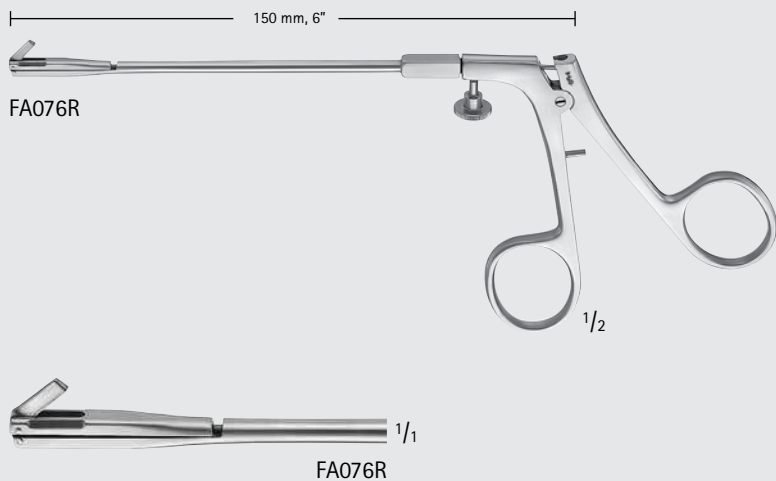
Catalog Number	Blade	Length (in.)
FA069R	STR	7
FA070R	CVD-RIGHT	7
FA071R	CVD-LEFT	7



Micro Scissors

Catalog Number	Blade	Length (in.)
FA072R	STR	7
FA073R	CVD-LEFT	7
FA074R	CVD-RIGHT	7
FA075R	ANG	7

NEURO SURGERY

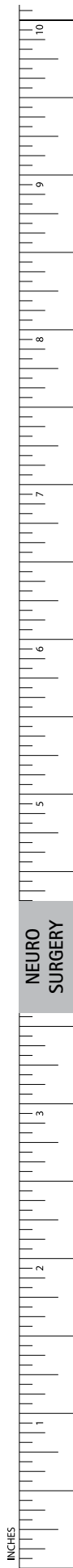


Antrum Punch, Backwards Cutting

Catalog Number	Shaft	Working Length (in.)	Length (in.)
FA076R	ROTATABLE 360°	4 3/4	6

Rotatable Ring Curette

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF112R	45°, BLUNT	2.0	10 1/2
MF113R	45°, BLUNT	3.0	10 1/2
MF114R	45°, BLUNT	4.0	10 1/2
MF115R	45°, BLUNT	5.0	10 1/2
MF116R	90°, BLUNT	2.0	10 1/2
MF117R	90°, BLUNT	3.0	10 1/2
MF118R	90°, BLUNT	4.0	10 1/2
MF119R	90°, BLUNT	5.0	10 1/2
MF120R	90°, BLUNT	6.0	10 1/2
MF121R	45°, SHARP	2.0	10 1/2
MF122R	45°, SHARP	3.0	10 1/2
MF123R	45°, SHARP	4.0	10 1/2
MF124R	45°, SHARP	5.0	10 1/2
MF125R	90°, SHARP	2.0	10 1/2
MF126R	90°, SHARP	3.0	10 1/2
MF127R	90°, SHARP	4.0	10 1/2
MF128R	90°, SHARP	5.0	10 1/2



NEURO SURGERY

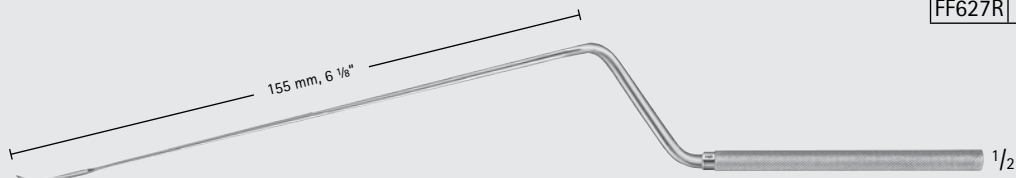
INCHES

Neurosurgery

Pituitary Instruments

LANDOLT Spatula, Bayonet-Shaped

Catalog Number	Shaft	Working Length (in.)	Length (in.)
FF627R	MALLEABLE	6 1/8	10 1/4



FF627R

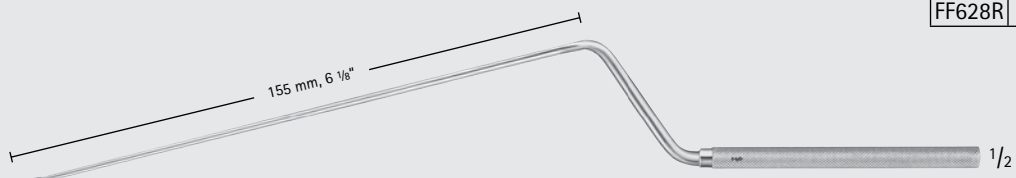


FF627R



LANDOLT Spoon, Bayonet-Shaped

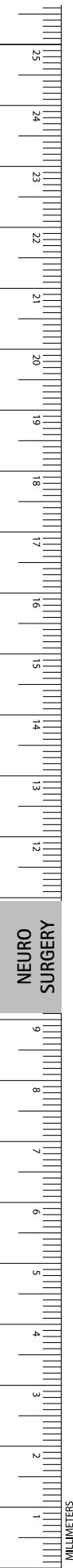
Catalog Number	Shaft	Working Length (in.)	Length (in.)
FF628R	MALLEABLE	6 1/8	10 1/4



FF628R



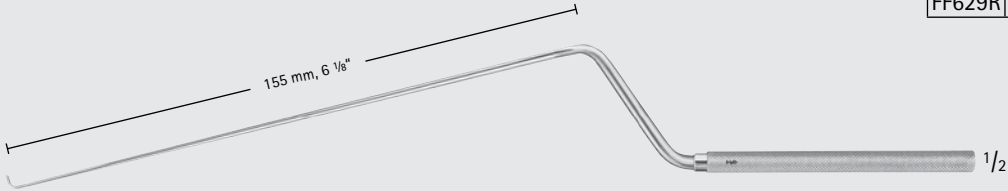
FF628R



NEURO SURGERY

LANDOLT Hook, Blunt, Bayonet-Shaped

Catalog Number	Shaft	Working Length (in.)	Length (in.)
FF629R	MALLEABLE	6 1/8	10 1/4



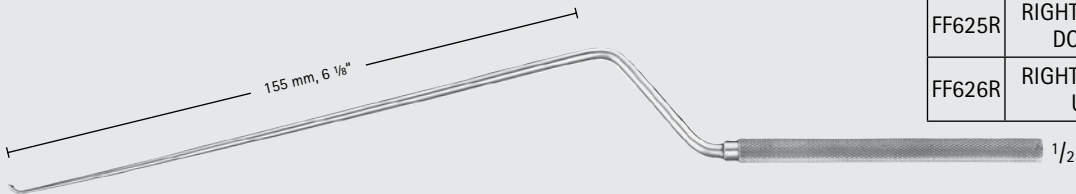
FF629R



FF629R

LANDOLT Enucleator, Malleable, Bayonet-Shaped

Catalog Number	Tip	Working Length (in.)	Length (in.)
FF625R	RIGHT BLUNT DOWN	6 1/8	10 1/4
FF626R	RIGHT BLUNT UP	6 1/8	10 1/4



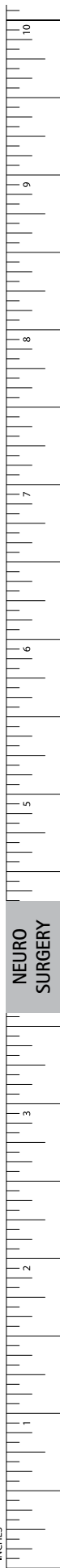
FF625R-FF626R



FF625R

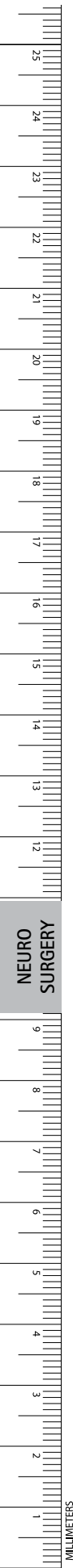


FF626R



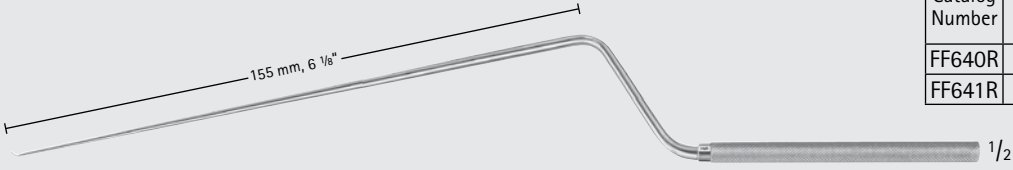
Neurology

Pituitary Instruments

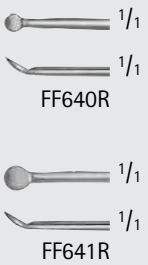


LANDOLT-REULEN Raspatory, Bayonet-Shaped

Catalog Number	Diameter (mm)	Shaft	Working Length (in.)	Length (in.)
FF640R	2.2	RIGID	6 1/8	10 1/4
FF641R	3.2	RIGID	6 1/8	10 1/4



FF640R-FF641R

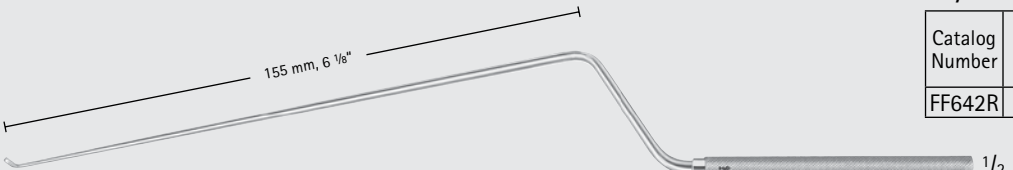


1/1
FF640R

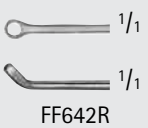
1/1
FF641R

LANDOLT-REULEN Curette, Bayonet-Shaped

Catalog Number	Diameter (mm)	Shaft	Working Length (in.)	Length (in.)
FF642R	2.5	RIGID	6 1/8	10 1/4



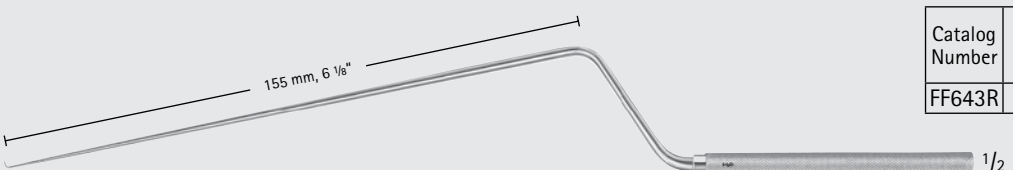
FF642R



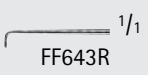
1/1
FF642R

LANDOLT-REULEN Hook, Blunt, Bayonet-Shaped

Catalog Number	Tip Size (mm)	Shaft	Working Length (in.)	Length (in.)
FF643R	1.7	RIGID	6 1/8	10 1/4



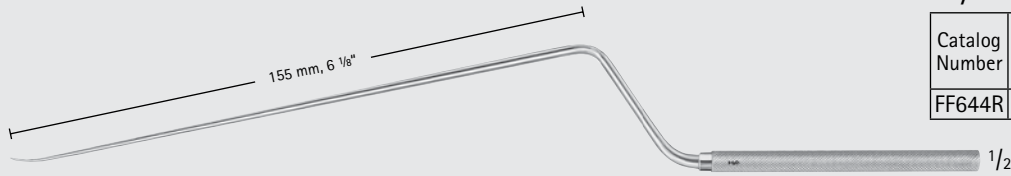
FF643R



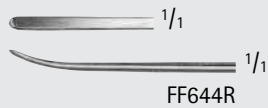
1/1
FF643R

LANDOLT-REULEN Dissector, Bayonet-Shaped

Catalog Number	Diameter (mm)	Shaft	Working Length (in.)	Length (in.)
FF644R	2.0	RIGID	6 1/8	10 1/4

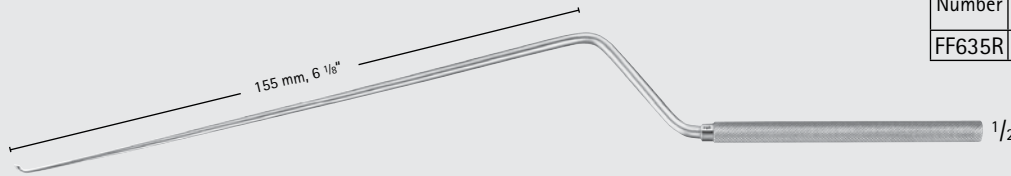


FF644R

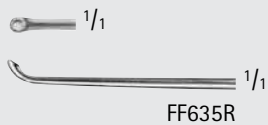


FAHLBUSCH Spoon, Bayonet-Shaped

Catalog Number	Diameter (mm)	Shaft	Working Length (in.)	Length (in.)
FF635R	2.0	MALLEABLE	6 1/8	10 1/4

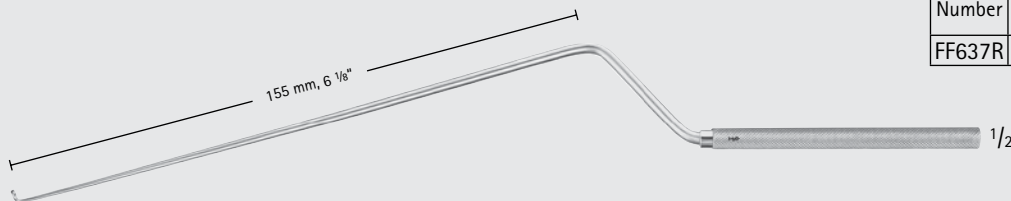


FF635R

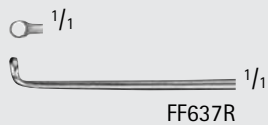


FAHLBUSCH Curette, Bayonet-Shaped

Catalog Number	Diameter (mm)	Shaft	Working Length (in.)	Length (in.)
FF637R	2.5	MALLEABLE	6 1/8	10 1/4



FF637R

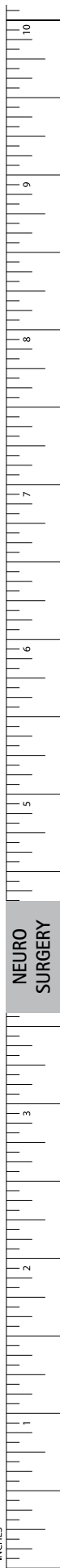


D'ERRICO Hypophyseal Forceps

Catalog Number	Jaw	Jaw Size (mm)	Length (in.)
MF410R	CUP	6.0	8 1/2



MF410R

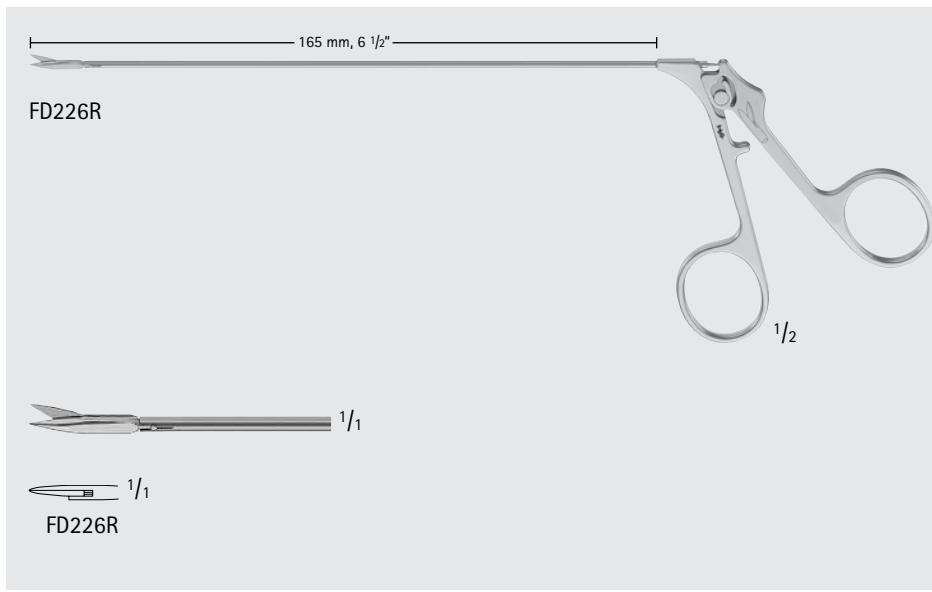
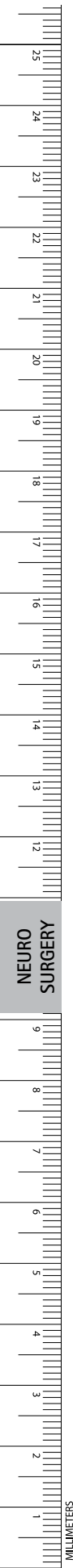


NEURO SURGERY

INCHES

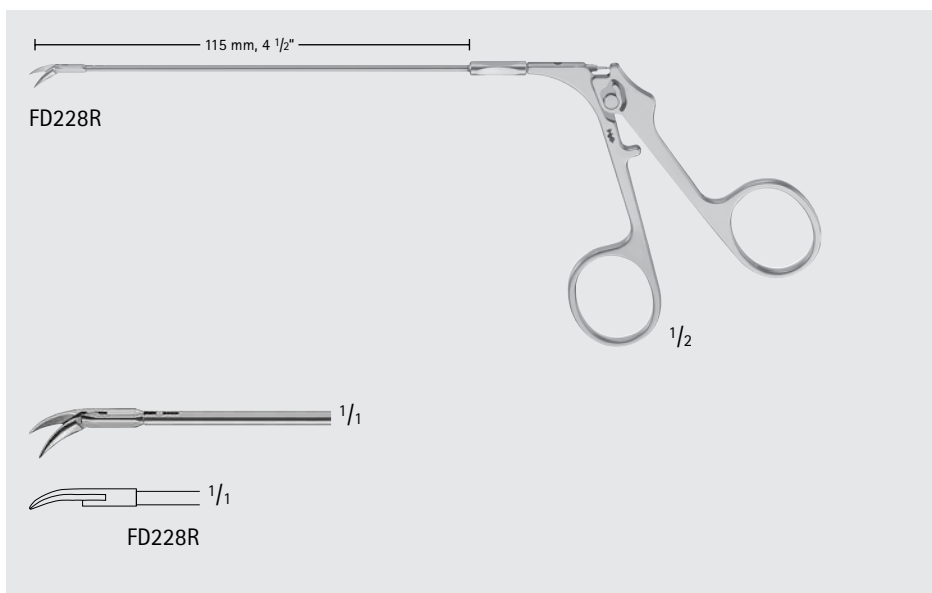
Neurosurgery

Pituitary Instruments



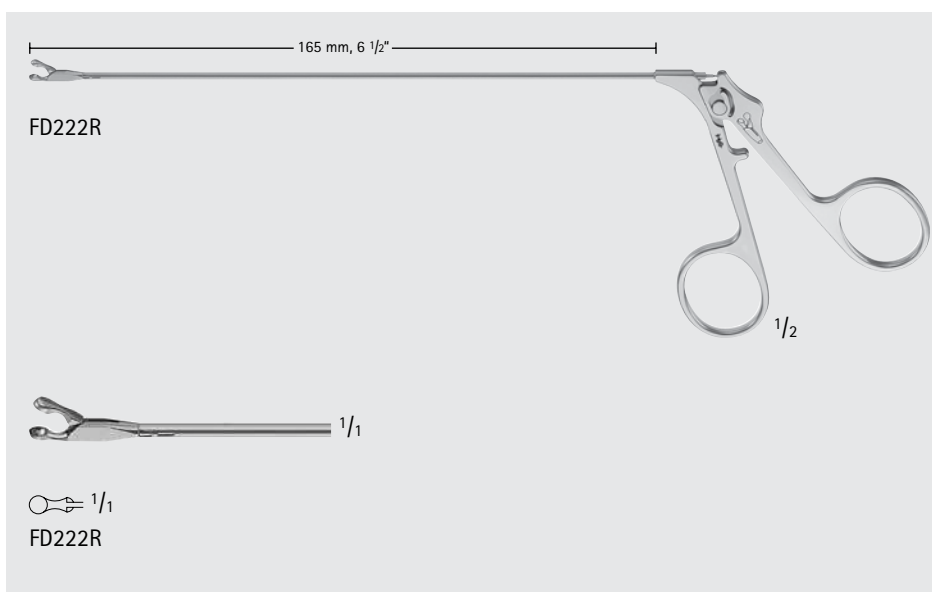
NICOLA Modular Micro Scissors

Catalog Number	Tip	Blade	Shaft	Working Length (in.)
FD226R	S/S	STR	TUBULAR	6 1/2



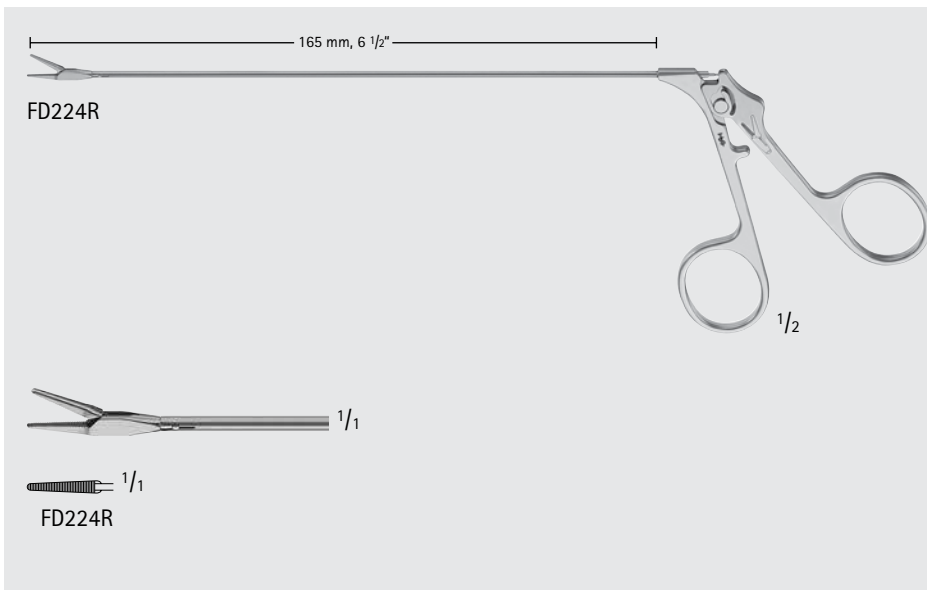
CASPAR Modular Micro Scissors

Catalog Number	Tip	Blade	Shaft	Working Length (in.)
FD228R	S/S	CVD	ROTATABLE 360°	4 1/2



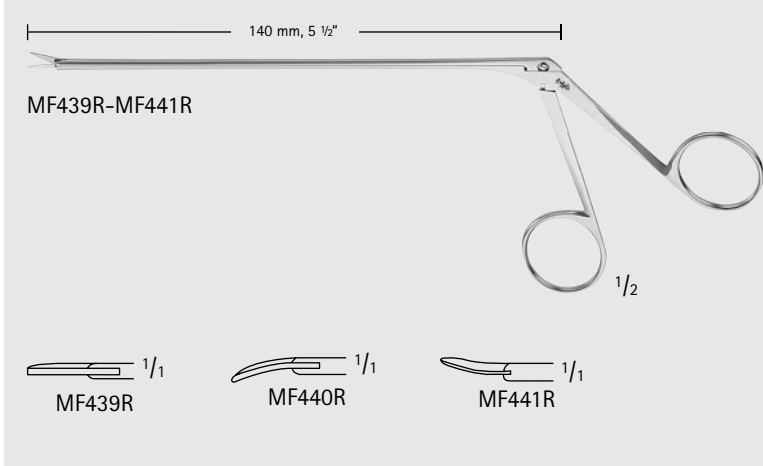
NICOLA Modular Micro Forceps

Catalog Number	Jaw	Tip Size (mm)	Working Length (in.)
FD222R	SCOOP-SHAPED	DIAM. 2.5 MM	6 1/2



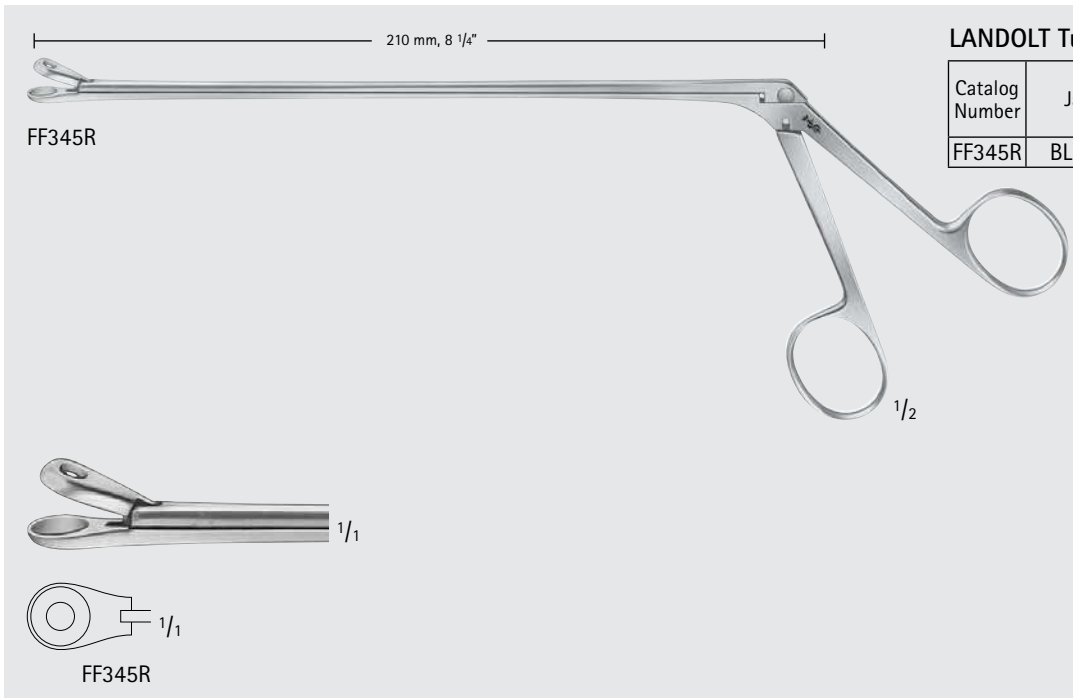
YASARGIL-NICOLA Modular Micro Forceps

Catalog Number	Jaw	Tip	Working Length (in.)
FD224R	LONG	STR, SERR	6 1/2



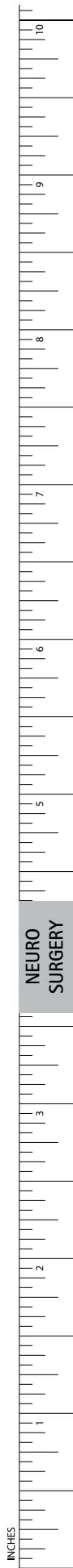
KURZE Dissecting Scissors

Catalog Number	Tip	Blade	Length (in.)
MF439R	B/B	STR	5 1/2
MF440R	B/B	CVD-LEFT	5 1/2
MF441R	B/B	CVD-RIGHT	5 1/2



LANDOLT Tumor Grasping Forceps

Catalog Number	Jaw	Jaw Size (mm)	Shaft Length (in.)
FF345R	BLUNT	DIAM. 9.0	8 1/4



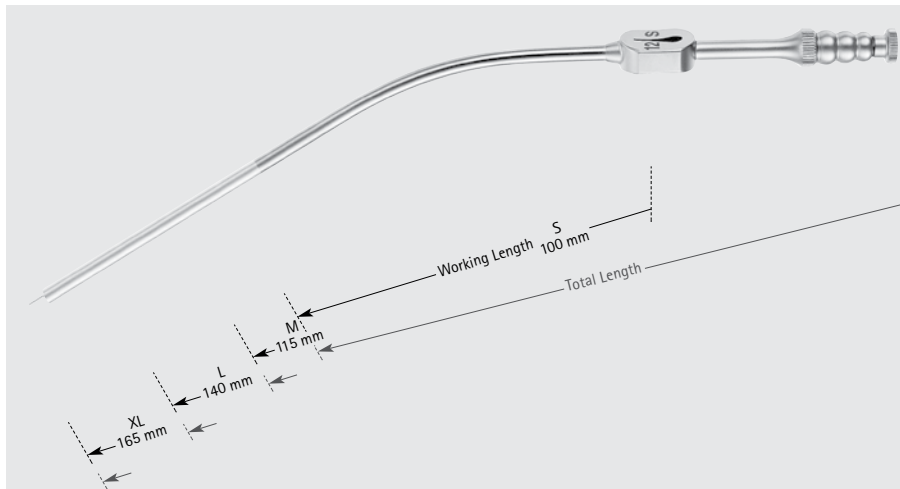
NEURO SURGERY

INCHES

Neurosurgery

Suction Cannulas

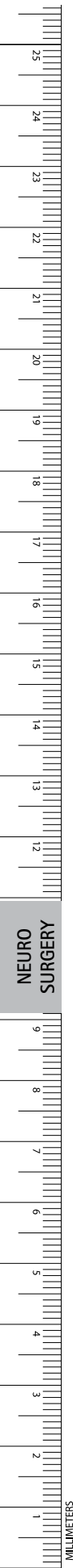
- Teardrop shaped thumb control for a very precise suction regulation
- Malleable material for individual forming of the suction hose
- Conical design of the tube prevents plugging
- Delivered with stylet



GF391R-GF429R

Suction Tube, Fukushima Style, W/ Tapered Teardrop Control

Catalog Number	Size	Tip Size (mm)	Tip Size (FR)	Working Length (in.)	Length (in.)
GF401R	S	1.0	3	4	6 1/2
GF402R	S	1.4	4	4	6 1/2
GF403R	S	1.7	5	4	6 1/2
GF404R	S	2.0	6	4	6 1/2
GF405R	S	2.3	7	4	6 1/2
GF406R	S	2.7	8	4	6 1/2
GF407R	S	3.0	9	4	6 1/2
GF408R	S	3.3	10	4	6 1/2
GF409R	S	4.0	12	4	6 1/2
GF391R	M	1.0	3	4 1/2	7
GF392R	M	1.4	4	4 1/2	7
GF393R	M	1.7	5	4 1/2	7
GF394R	M	2.0	6	4 1/2	7
GF395R	M	2.3	7	4 1/2	7
GF396R	M	2.7	8	4 1/2	7
GF397R	M	3.0	9	4 1/2	7
GF398R	M	3.3	10	4 1/2	7
GF399R	M	4.0	12	4 1/2	7
GF411R	L	1.0	3	5 1/2	8
GF412R	L	1.4	4	5 1/2	8
GF413R	L	1.7	5	5 1/2	8
GF414R	L	2.0	6	5 1/2	8
GF415R	L	2.3	7	5 1/2	8
GF416R	L	2.7	8	5 1/2	8
GF417R	L	3.0	9	5 1/2	8
GF418R	L	3.3	10	5 1/2	8
GF419R	L	4.0	12	5 1/2	8
GF421R	XL	1.0	3	6 1/2	9
GF422R	XL	1.4	4	6 1/2	9
GF423R	XL	1.7	5	6 1/2	9
GF424R	XL	2.0	6	6 1/2	9
GF425R	XL	2.3	7	6 1/2	9
GF426R	XL	2.7	8	6 1/2	9
GF427R	XL	3.0	9	6 1/2	9
GF428R	XL	3.3	12	6 1/2	9
GF429R	XL	4.0	12	6 1/2	9





GF025B-GF059B



MIN Instruments, Noir™ Modular Suction Cannula,
F/ Golfball Handle

Catalog Number	Size	Tip	Tip Size (mm)	Tip Size (FR)	Working Length (in.)
GF025B	S	STR	1.4	4	3 1/8
GF026B	S	STR	2.0	6	3 1/8
GF027B	S	STR	2.7	8	3 1/8
GF030B	M	CVD LEFT	2.0	6	4
GF031B	M	CVD RIGHT	2.0	6	4
GF032B	M	CVD LEFT	2.7	8	4
GF033B	M	CVD RIGHT	2.7	8	4
GF035B	M	STR	1.4	4	4
GF036B	M	STR	2.0	6	4
GF037B	M	STR	2.7	8	4
GF038B	M	STR, LATERAL HOLES	2.0	6	4
GF039B	M	STR, LATERAL HOLES	2.7	8	4
GF045B	L	STR	1.4	4	4 3/4
GF046B	L	STR	2.0	6	4 3/4
GF047B	L	STR	2.7	8	4 3/4
GF048B	L	STR, LATERAL HOLES	2.0	6	4 3/4
GF049B	L	STR, LATERAL HOLES	2.7	8	4 3/4
GF055B	XL	STR	1.4	4	5 1/2
GF056B	XL	STR	2.0	6	5 1/2
GF057B	XL	STR	2.7	8	5 1/2
GF058B	XL	STR, LATERAL HOLES	2.0	6	5 1/2
GF059B	XL	STR, LATERAL HOLES	2.7	8	5 1/2



GF005B

Modular Thumb Control for MIN
Suction Cannulas

Catalog Number	Description
GF005B	TEAR DROP SHAPED

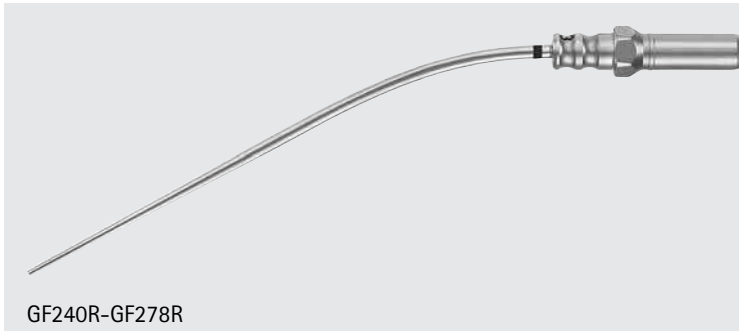
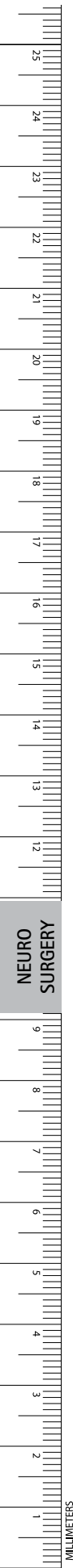


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INCHES

Neurosurgery

Suction Cannulas



Modular Suction Cannula

Catalog Number	Size)	Tip Size (mm)	Tip Size (FR)	Working Length (in.)	Length (in.)
GF240R	S	1.0	3	4	7 1/4
GF241R	S	1.4	4	4	7 1/4
GF242R	S	1.7	5	4	7 1/4
GF243R	S	2.0	6	4	7 1/4
GF244R	S	2.3	7	4	7 1/4
GF245R	S	2.7	8	4	7 1/4
GF246R	S	2.0	9	4	7 1/4
GF247R	S	3.3	10	4	7 1/4
GF248R	S	4.0	12	4	7 1/4
GF250R	M	1.0	3	4 1/2	7 7/8
GF251R	M	1.4	4	4 1/2	7 7/8
GF252R	M	1.7	5	4 1/2	7 7/8
GF253R	M	2.0	6	4 1/2	7 7/8
GF254R	M	2.3	7	4 1/2	7 7/8
GF255R	M	2.7	8	4 1/2	7 7/8
GF256R	M	3.0	9	4 1/2	7 7/8
GF257R	M	3.3	10	4 1/2	7 7/8
GF258R	M	4.0	12	4 1/2	7 7/8
GF260R	L	1.0	3	5 1/2	8 7/8
GF261R	L	1.4	4	5 1/2	8 7/8
GF262R	L	1.7	5	5 1/2	8 7/8
GF263R	L	2.0	6	5 1/2	8 7/8
GF264R	L	2.3	7	5 1/2	8 7/8
GF265R	L	2.7	8	5 1/2	8 7/8
GF266R	L	3.0	9	5 1/2	8 7/8
GF267R	L	3.3	10	5 1/2	8 7/8
GF268R	L	4.0	12	5 1/2	8 7/8
GF270R	XL	1.0	3	6 1/2	9 3/4
GF271R	XL	1.4	4	6 1/2	9 3/4
GF272R	XL	1.7	5	6 1/2	9 3/4
GF273R	XL	2.0	6	6 1/2	9 3/4
GF274R	XL	2.3	7	6 1/2	9 3/4
GF275R	XL	2.7	8	6 1/2	9 3/4
GF276R	XL	3.0	9	6 1/2	9 3/4
GF277R	XL	3.3	10	6 1/2	9 3/4
GF278R	XL	4.0	12	6 1/2	9 3/4



GF235R

Thumb Control for Modular Suction Tubes

Catalog Number	Shape
GF235R	TEARDROP SHAPED

RAABE Micro Suction Tube, W/ Tapered Teardrop Control

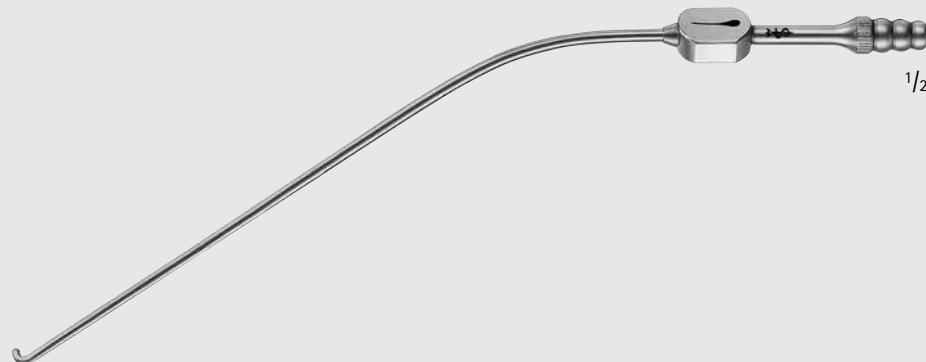
Catalog Number	Tip	Tip Size (mm)	Tip Size (FR)	Handle	Working Length (in.)	Length (in.)
GF470R	ATRAUMATIC	1.4	4	YELLOW	3 1/8	5 1/8
GF471R	ATRAUMATIC	2.0	6	BLUE	3 1/8	5 1/8
GF472R	ATRAUMATIC	2.7	8	GREEN	3 1/8	5 1/8
GF473R	ATRAUMATIC	1.4	4	YELLOW	4	6
GF474R	ATRAUMATIC	2.0	6	BLUE	4	6
GF475R	ATRAUMATIC	2.7	8	GREEN	4	6
GF476R	ATRAUMATIC	1.4	4	YELLOW	4 3/4	6 1/2
GF477R	ATRAUMATIC	2.0	6	BLUE	4 3/4	6 1/2
GF478R	ATRAUMATIC	2.7	8	GREEN	4 3/4	6 1/2
GF479R	ATRAUMATIC	1.4	4	YELLOW	5 1/2	7 1/4
GF480R	ATRAUMATIC	2.0	6	BLUE	5 1/2	7 1/4
GF481R	ATRAUMATIC	2.7	8	GREEN	5 1/2	7 1/4



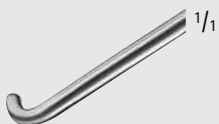
GF470R-GF481R

Suction Tube, Fukushima Style, W/ Tapered Teardrop Control

Catalog Number	Tip	Tip Size (mm)	Tip Size (FR)	Working Length (in.)	Length (in.)
GF431R	CVD-RIGHT	2.0	8	5 1/4	9 3/4
GF432R	CVD-LEFT	2.0	6	5 1/4	9 3/4



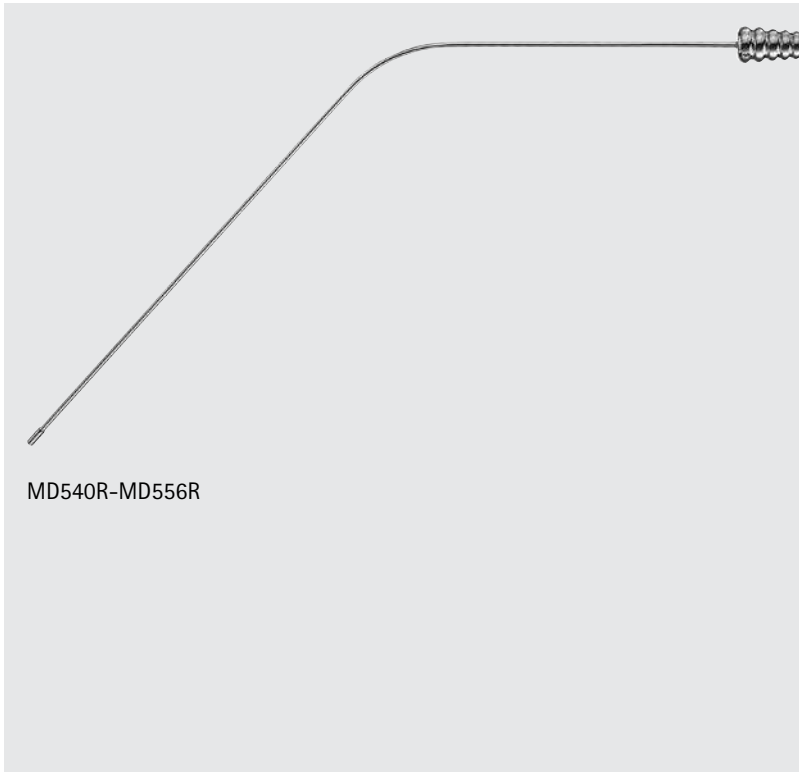
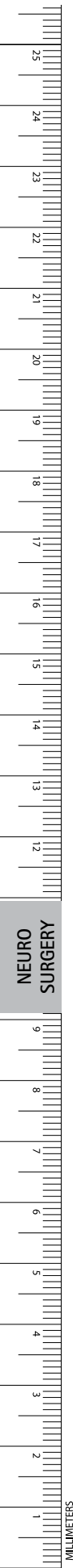
GF431R-GF432R



GF431R-GF432R

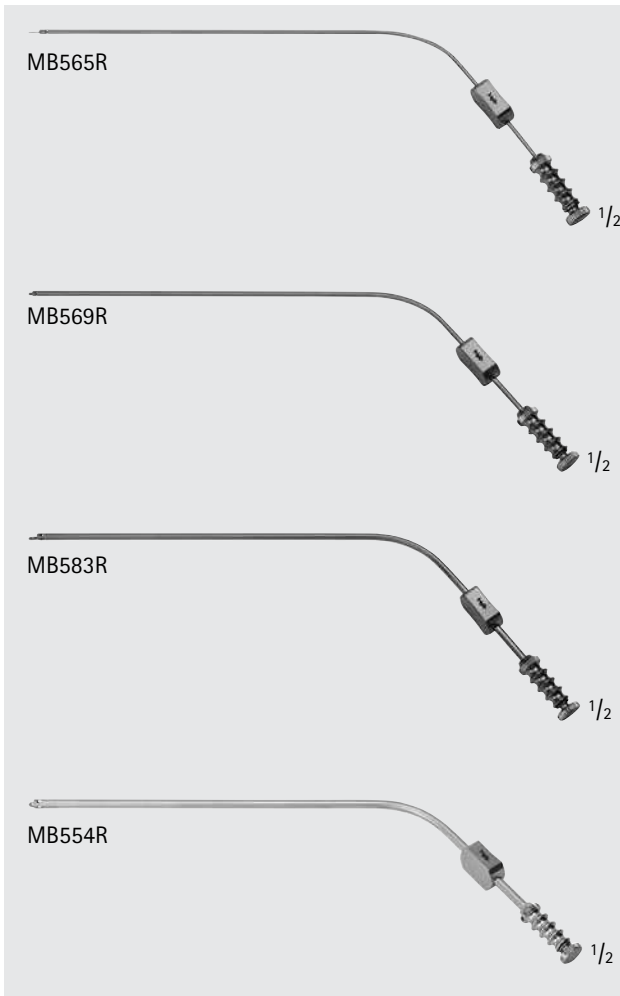
Neurosurgery

Suction Cannulas



YASARGIL Suction Tube

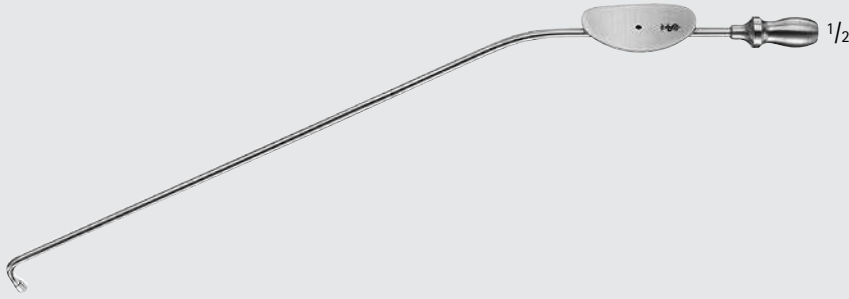
Catalog Number	Tip Size (mm)	Length (in.)
MD540R	1.5	5
MD541R	1.5	6
MD542R	1.5	7
MD543R	1.5	8 1/2
MD544R	2.0	5
MD545R	2.0	6
MD546R	2.0	7
MD547R	2.0	8 1/2
MD548R	2.5	5
MD549R	2.5	6
MD550R	2.5	7
MD551R	2.5	8 1/2
MD552R	3.5	5
MD553R	3.5	6
MD554R	3.5	7
MD555R	3.5	8 1/2
MD556R	4.5	7



MCCULLOCH Suction Tube

Catalog Number	Tip Size (mm)	Length (in.)
MB708R	COMPLETE SET	5 3/4
MB565R	1.7	5 3/4
MB569R	2.3	5 3/4
MB583R	3.0	5 3/4
MB554R	4.0	5 3/4

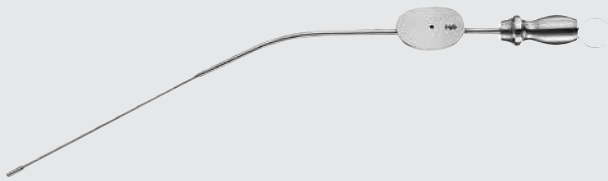
MB708R Set of 4 Includes:
 1 Suction cannula of each MB554R, MB565R,
 MB569R, MB583R



MF106R-MF111R

Atraumatic Suction Tube

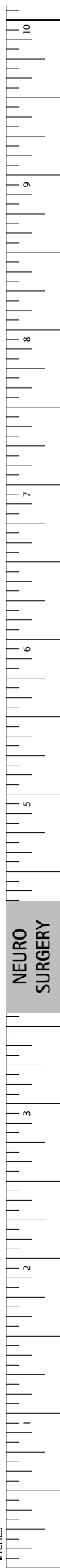
Catalog Number	Tip	Tip Size (FR)	Length (in.)
MF106R	90° DOWN	5	8 1/2
MF107R	90° DOWN	7	8 1/2
MF108R	90° DOWN	10	8 1/2
MF109R	90° UP	5	8 1/2
MF110R	90° UP	7	8 1/2
MF111R	90° UP	10	8 1/2



MF333R-MF347R

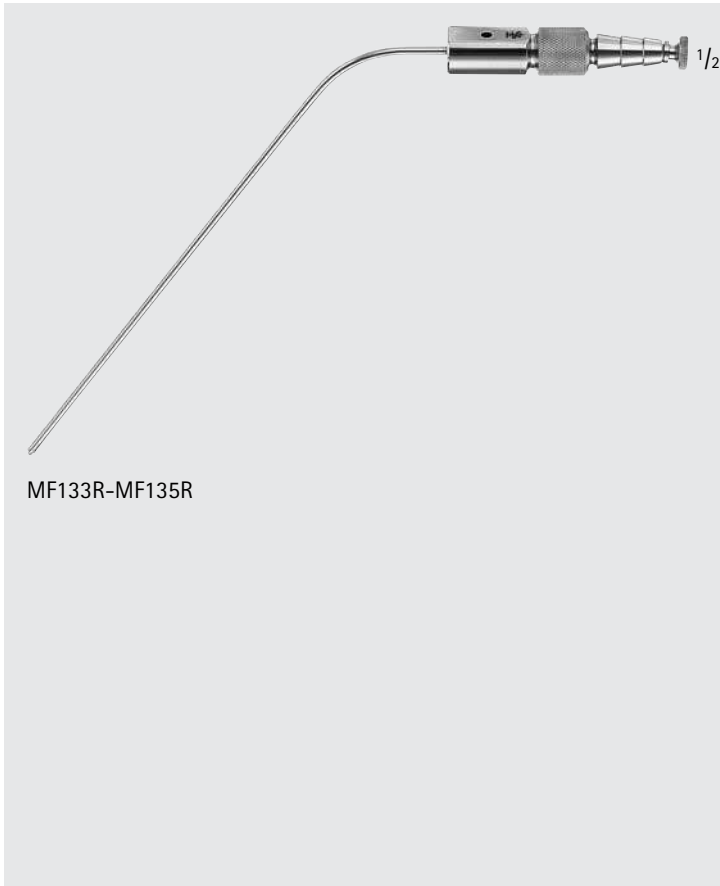
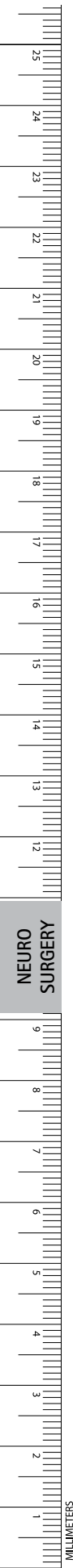
Atraumatic Suction Tube

Catalog Number	Tip Size (FR)	Working Length (in.)	Length (in.)
MF333R	3	3	6 1/4
MF334R	5	3	6 1/4
MF335R	7	3	6 1/4
MF336R	10	3	6 1/4
MF337R	12	3	6 1/4
MF338R	3	4	7 1/4
MF339R	5	4	7 1/4
MF340R	7	4	7 1/4
MF341R	10	4	7 1/4
MF342R	12	4	7 1/4
MF343R	3	5	8 1/4
MF344R	5	5	8 1/4
MF345R	7	5	8 1/4
MF346R	10	5	8 1/4
MF347R	12	5	8 1/4



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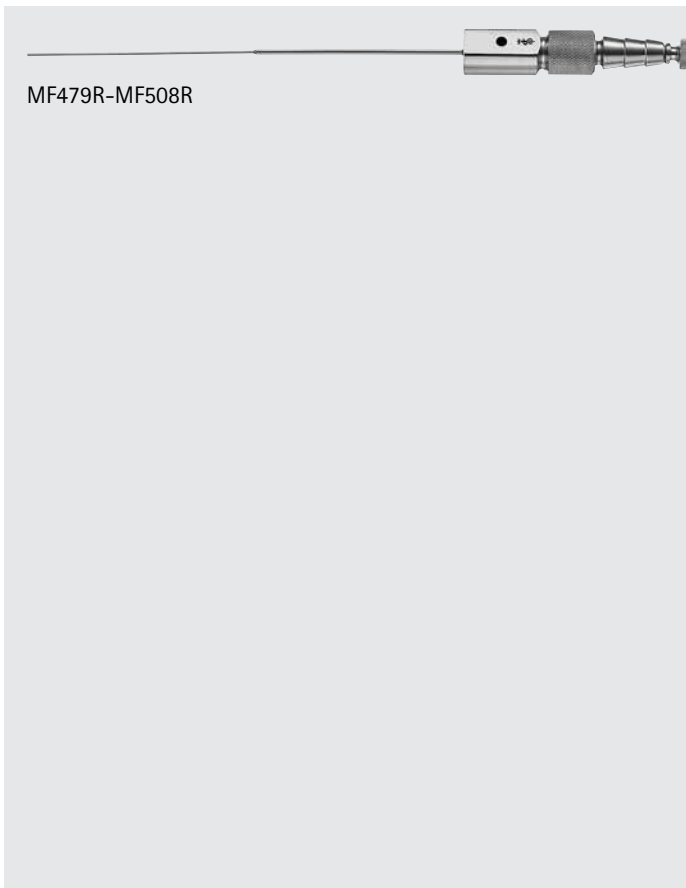
Suction Cannulas



MF133R-MF135R

FRAZIER Suction Dissector

Catalog Number	Tip Size (FR)	Working Length (in.)
MF133R	5	6 1/2
MF134R	7	6 1/2
MF135R	10	6 1/2

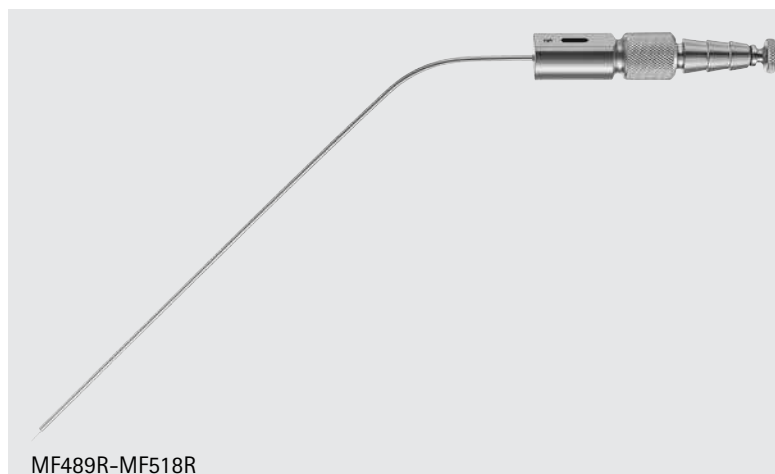


MF479R-MF508R

FRAZIER Slotted Suction Tube, Straight

Catalog Number	Tip Size (FR)	Length (in.)
MF479R	3	5 1/2
MF480R	4	5 1/2
MF481R	5	5 1/2
MF482R	6	5 1/2
MF483R	7	5 1/2
MF484R	8	5 1/2
MF485R	9	5 1/2
MF486R	10	5 1/2
MF487R	11	5 1/2
MF488R	12	5 1/2
MF499R	3	7
MF500R	4	7
MF501R	5	7
MF502R	6	7
MF503R	7	7
MF504R	8	7
MF505R	9	7
MF506R	10	7
MF507R	11	7
MF508R	12	7

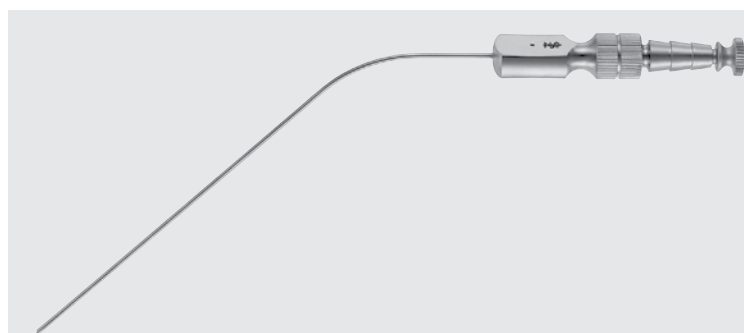
NEURO SURGERY



MF489R-MF518R

FRAZIER Slotted Suction Tube, Angled

Catalog Number	Tip Size (FR)	Length (in.)
MF489R	3	5 1/2
MF490R	4	5 1/2
MF491R	5	5 1/2
MF492R	6	5 1/2
MF493R	7	5 1/2
MF494R	8	5 1/2
MF495R	9	5 1/2
MF496R	10	5 1/2
MF497R	11	5 1/2
MF498R	12	5 1/2
MF509R	3	7
MF510R	4	7
MF511R	5	7
MF512R	6	7
MF513R	7	7
MF514R	8	7
MF515R	9	7
MF516R	10	7
MF517R	11	7
MF518R	12	7



GF350R-GF385R

FERGUSSON Suction Tube, Luer Hub

Catalog Number	Diameter (mm)	Working Length (in.)	Length (in.)
GF350R	1.5	4 1/4	7 3/4
GF351R	2.0	4 1/4	7 3/4
GF352R	2.5	4 1/4	7 3/4
GF353R	3.0	4 1/4	7 3/4
GF354R	4.0	4 1/4	7 3/4
GF355R	5.0	4 1/4	7 3/4
GF360R	1.5	5 1/8	8 1/2
GF361R	2.0	5 1/8	8 1/2
GF362R	2.5	5 1/8	8 1/2
GF363R	3.0	5 1/8	8 1/2
GF364R	4.0	5 1/8	8 1/2
GF365R	5.0	5 1/8	8 1/2
GF370R	1.5	6 1/4	9 5/8
GF371R	2.0	6 1/4	9 5/8
GF372R	2.5	6 1/4	9 5/8
GF373R	3.0	6 1/4	9 5/8
GF374R	4.0	6 1/4	9 5/8
GF375R	5.0	6 1/4	9 5/8
GF380R	1.5	7 7/8	11
GF381R	2.0	7 7/8	11
GF382R	2.5	7 7/8	11
GF383R	3.0	7 7/8	11
GF384R	4.0	7 7/8	11
GF385R	5.0	7 7/8	11



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INCHES

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Suction Cannulas



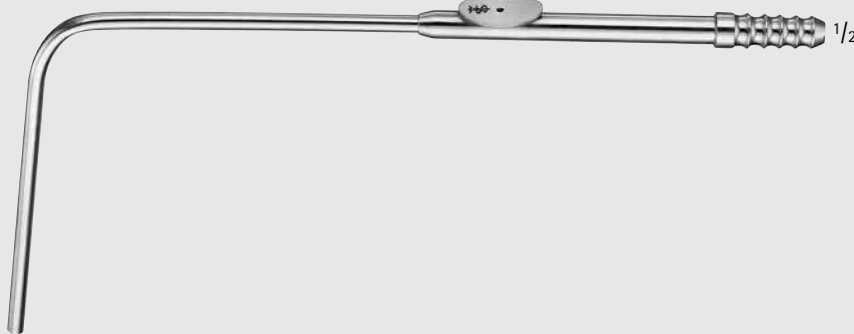
Diam. 4 mm

Olive Diam. 9 mm

GF917R

ADSON Suction Tube

Catalog Number	Tip Size (mm)	Tip Size (FR)	Length (in.)
GF917R	4	11	7 1/2



MB635R-MB636R

SACHS Suction Tube

Catalog Number	Tip Size (mm)	Length (in.)
MB635R	SMALL	8 1/2
MB636R	LARGE	8 1/2



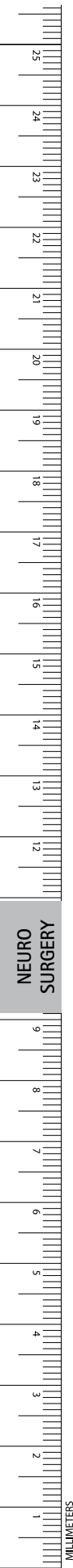
FF125R

95 mm, 3 3/4"

1/2

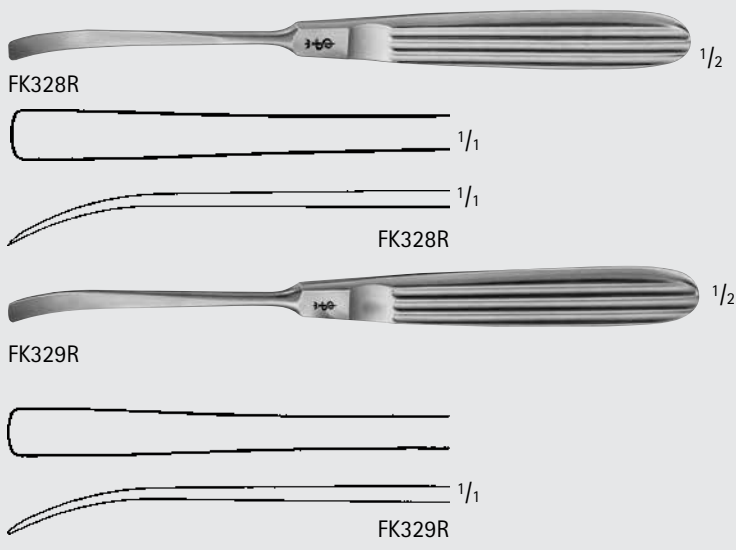
CUSHING-CAIRNS Ventricular Cannula

Catalog Number	Diameter (mm)	Working Length (in.)
FF125R	2.3	3 3/4
FF126R	2.6	3 3/4



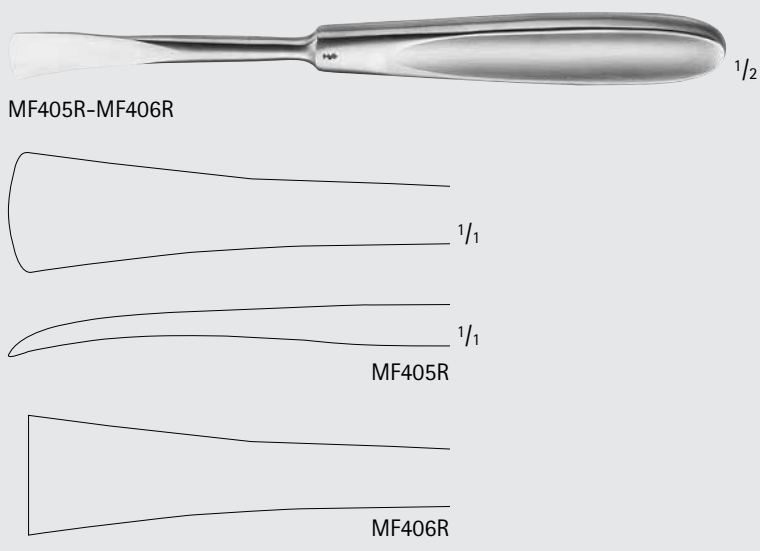
NEURO SURGERY

CASPAR Muscle Dissector



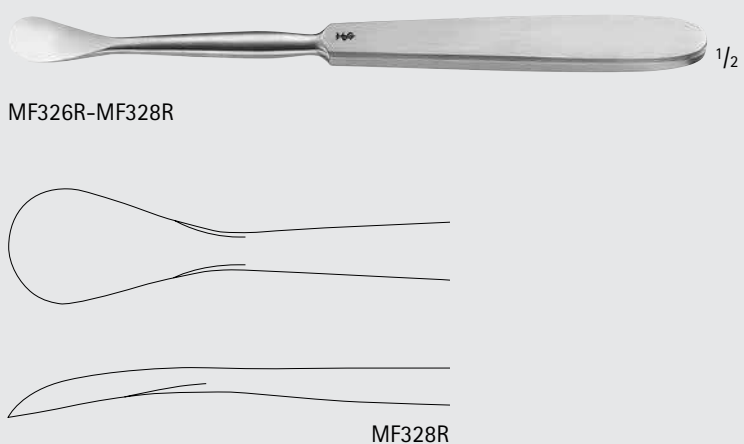
Catalog Number	Tip	Width (mm)	Length (in.)
FK328R	SHARP	6.2	7
FK329R	BLUNT	6.2	7

CUSHING Periosteal Elevator

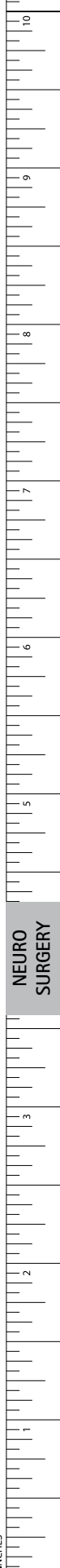


Catalog Number	Tip	Width (mm)	Length (in.)
MF405R	ROUND, SHARP	15	7 1/4
MF406R	SQUARE, SHARP	15	7 1/4

HOEN Periosteal Elevator



Catalog Number	Tip Size (mm)	Length (in.)
MF326R	7.0	7 1/4
MF327R	15.0	7 1/4
MF328R	20.0	7 1/4



Neurosurgery

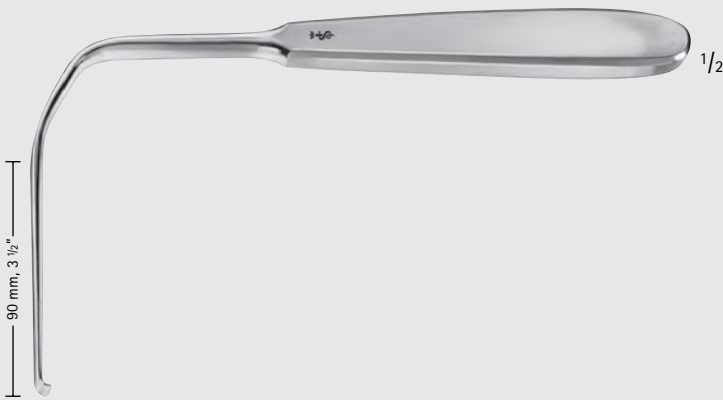
Retractors and Handrest Systems



MF139R-MF141R

SCOVILLE Nerve Root Retractor

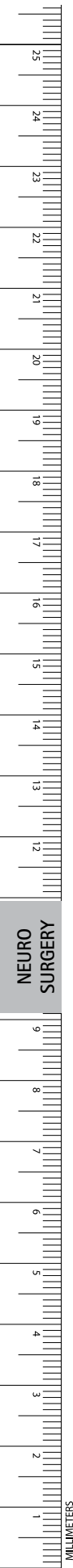
Catalog Number	Shape	Width (mm)	Working Length (in.)
MF139R	45°	8.0	4
MF140R	90°	8.0	4
MF141R	STR	8.0	7 1/4

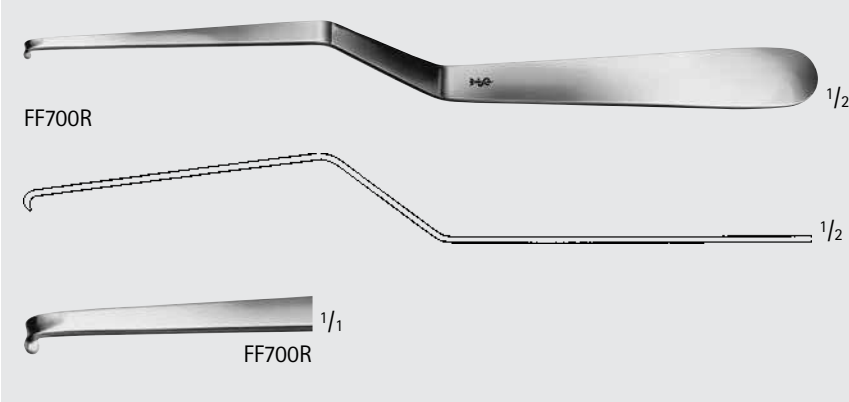


FF707R-FF709R

HESS Nerve Root Retractor

Catalog Number	Width (mm)	Working Length (in.)	Length (in.)
FF707R	3.0	3 1/2	6 7/8
FF708R	5.0	3 1/2	6 7/8
FF709R	7.0	3 1/2	6 7/8






FF700R $\frac{1}{2}$

FF700R $\frac{1}{2}$

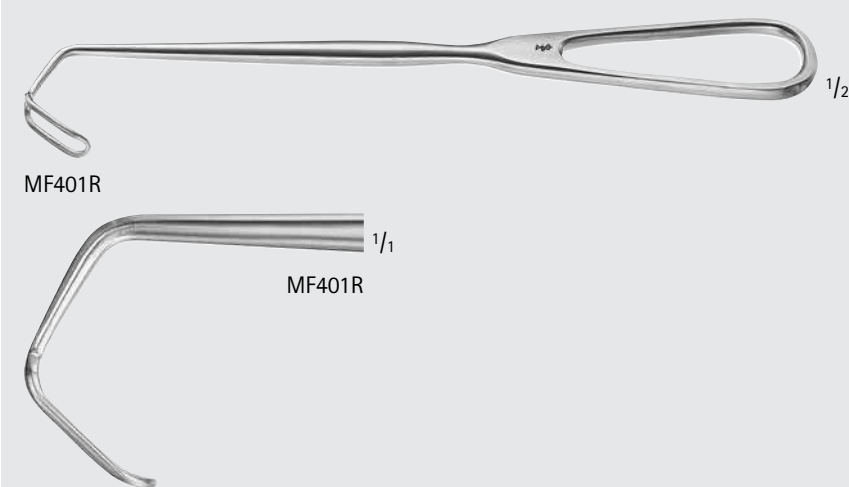
FF700R $\frac{1}{1}$

LOVE Nerve Root Retractor	
Catalog Number	Length (in.)
FF700R	8 1/4



FF701R-FF703R $\frac{1}{2}$

LOVE Nerve Root Retractor		
Catalog Number	Shape	Length (in.)
FF701R	STR	8 3/4
FF702R	45°	8 3/4
FF703R	90°	8 3/4



MF401R $\frac{1}{2}$

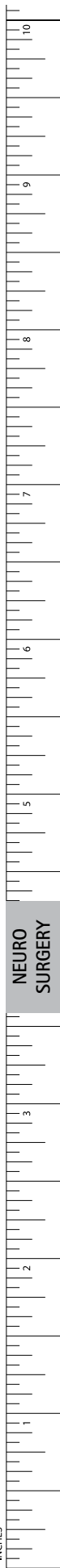
MF401R $\frac{1}{1}$

CUSHING Decompression Retractor		
Catalog Number	Tip	Length (in.)
MF401R	ANG	8 1/4



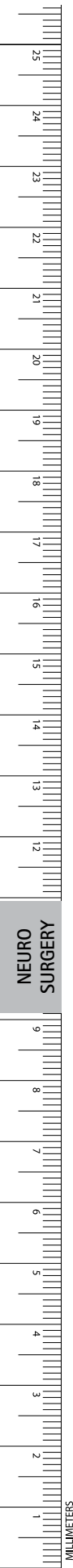
MF402R-MF404R $\frac{1}{2}$

SACHS Vein Retractor			
Catalog Number	Tip	Blade	Length (in.)
MF402R	ANG	TOOTHED	8 1/2
MF403R	ANG	PLAIN	8 1/2
MF404R	ANG, SHARP	HOOK	8 1/2



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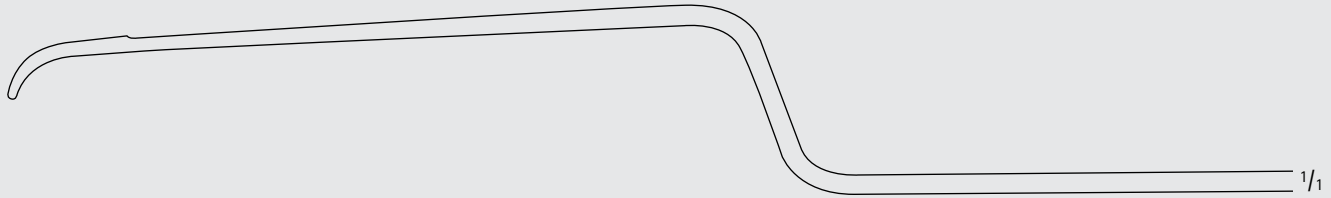
Retractors and Handrest Systems



MF057R

**D'ERRICO Nerve Root Retractor,
Bayonet-Shaped**

Catalog Number	Length (in.)
MF057R	9



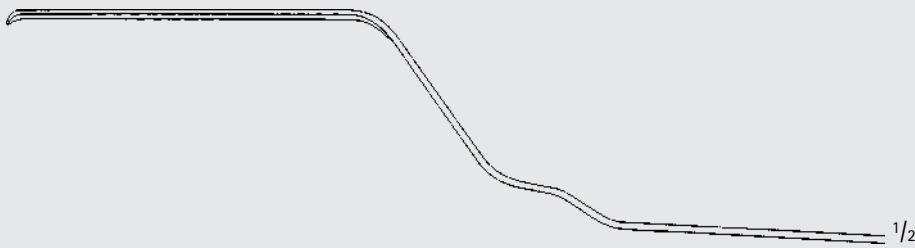
MF057R



FF697R-FF710R

CASPAR Nerve Root Retractor

Catalog Number	Width (mm)	Length (in.)
FF697R	4.0	9 1/2
FF699R	6.0	9 1/2
FF710R	8.0	9 1/2
FF698R	10.0	9 1/2



FF697R-FF710R



FF280R-FF286R

**Ball and Socket Joint, F/ Holding Rod
FF285R**

Catalog Number	Size (mm)
FF280R	10 x 25
FF286R	9 x 32



FF285R

**Holding Rod, F/ Ball and Socket Joint
FF280R**

Catalog Number	Compatible w/
FF285R	FF282R, FF283R or FF284R



FF282R

**Coupling Head, F/ Up to 5 Flexible
Arms FF270R**

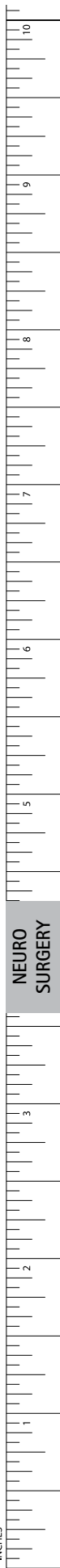
Catalog Number
FF282R



FF283R

**Coupling Head, F/ Flexible Arm FF270R,
Rotatable**

Catalog Number
FF283R



Neurosurgery

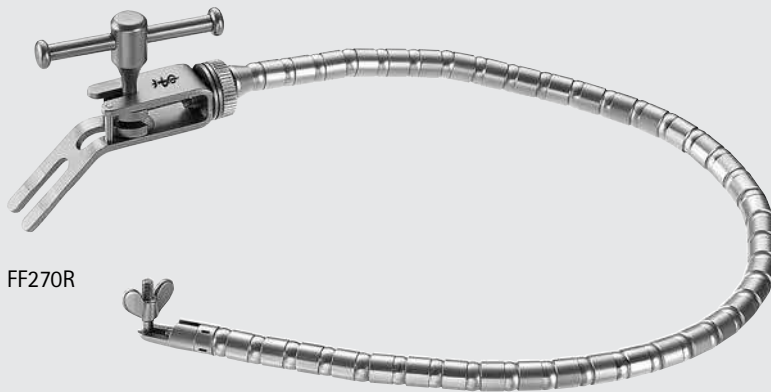
Retractors and Handrest Systems



FF284R

Coupling Head, F/ Flexible Arm FF270R, Rotatable, Laterally Open

Catalog Number
FF284R



FF270R

YASARGIL Flexible Arm

Catalog Number	Description
FF270R	COUPLING HEADS: FF282R, FF283R, FF284R FIXATION BASES: FF266R, FF267R, FF268R



FF273R

1/2

Support for Brain Spatula, F/ Flexible Arm FF270R

Catalog Number
FF273R

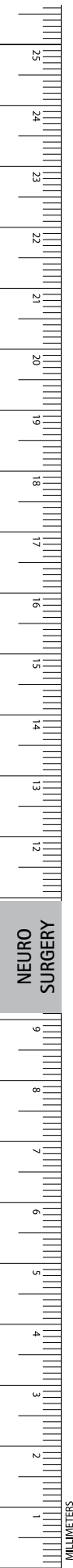


FF274R

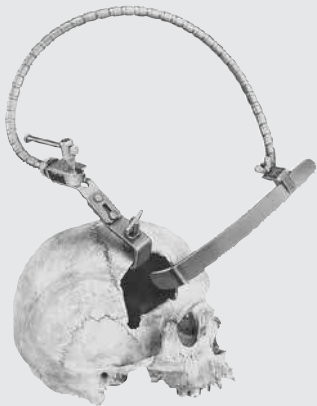
1/2

Support for Brain Spatula, W/ Round Shaft, F/ Flexible Arm FF270R

Catalog Number
FF274R



NEURO SURGERY



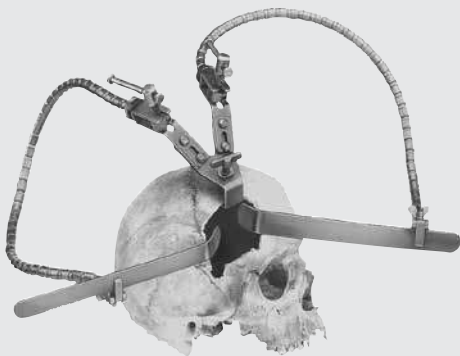
FF260R

**YASARGIL Self-Retaining Retractor,
W/ 1 Flexible Arm**

Catalog Number
FF260R

FF260R Includes:

- 1 Fixation base FF266R,
- 1 Flexible arm FF270R and
- 1 Support for brain spatula FF273R



FF262R

**YASARGIL Self-Retaining Retractor,
W/ 2 Flexible Arms**

Catalog Number
FF262R

FF262R Includes:

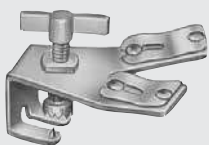
- 1 Fixation base FF268R,
- 2 Flexible arms FF270R and
- 2 Supports for brain spatulas FF273R



FF266R

**Fixation Base, F/ Skull Mounting, Holds
1 Flexible Arm FF260R**

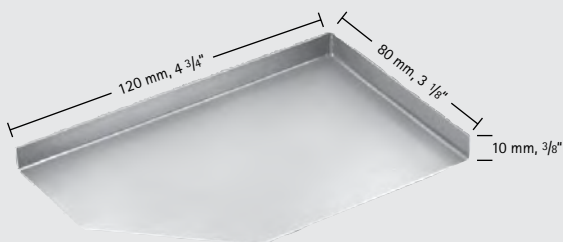
Catalog Number
FF266R



FF268R

**Fixation Base, F/ Skull Mounting, Hold
2 Flexible Arms FF270R**

Catalog Number
FF268R



FF180R

Utility Tray

Catalog Number	Compatible w/	Width (in.)	Length (in.)
FF180R	FLEXIBLE ARMS FF270R AND FF273R	3 1/8	4 3/4

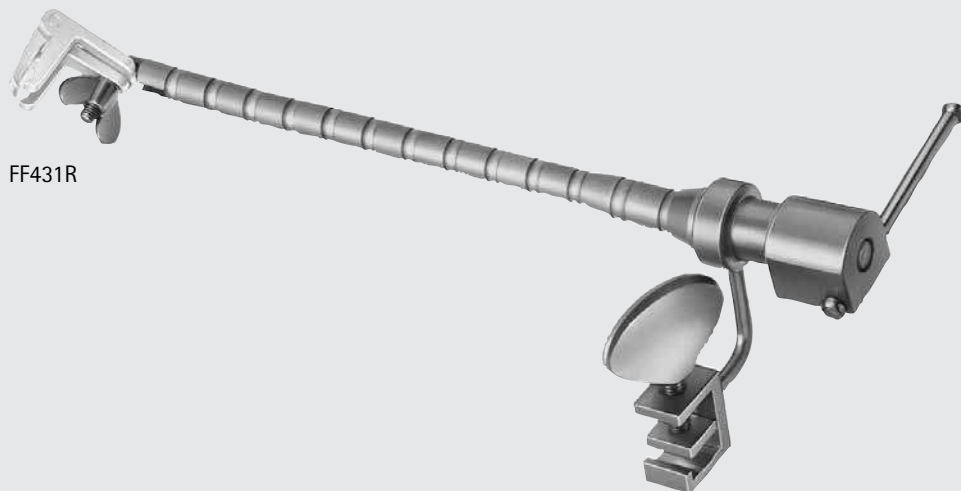


Neurosurgery

Retractors and Handrest Systems

NEW JERSEY Flexible Arm

Catalog Number
FF431R



FF431R



FF151R

Table Attachment

Catalog Number	Compatible w/
FF151R	FF150R



FF154R

FF150R

FF153R

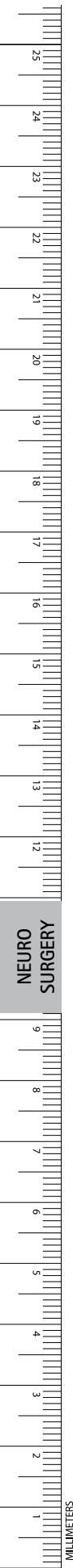
FF152R

GILSBACH Basic Unit

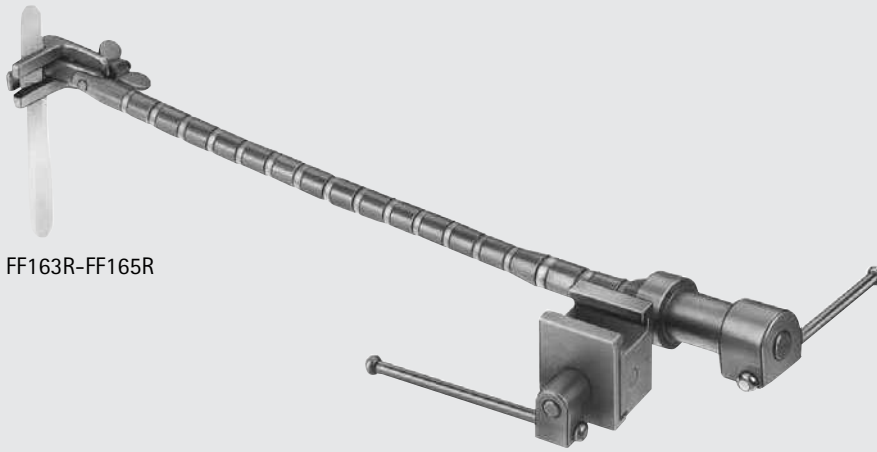
Catalog Number	Description
FF150R	COMPLETE BASIC UNIT
FF152R	GILSBACH INSULATING HOLDING ROD
FF153R	GILSBACH SEMI-CIRCULAR BASIC BAR
FF154R	FRAME FOR GALEA HOOK

FF150R Includes:

- 1 Insulated holding rod FF152R
- 1 Semi-circular basic bar FF153R
- 1 Frame FF154R for Galea hook



NEURO SURGERY



GILSBACH Flexible Arm

Catalog Number	Length (in.)
FF163R	7 7/8
FF165R	9 3/4

FF163R-FF165R



Forceps Holder

Catalog Number	Compatible w/
FF185R	FF153R

FF185R



GILSBACH Handrest, Adjustable Height

Catalog Number	Compatible w/
FF187R	FF153R

FF187R



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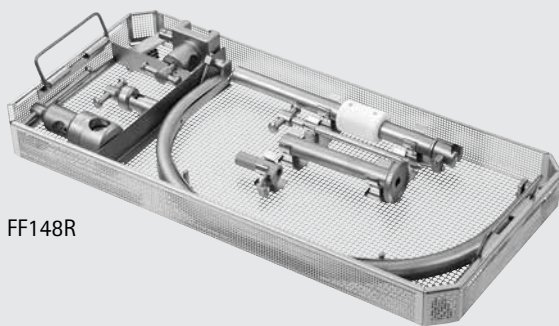
Retractors and Handrest Systems



GILSBACH Holding Rod, F/ MAYFIELD Head Holder

Catalog Number	Description
FF190R	COMPLETE HOLDING DEVICE
FF191R	HOLDING ROD TO BE FIXED TO MAYFIELD HEAD HOLDER
FF193R	CONNECTION PIECE TO BE MOUNTED TO HOLDING ROD FF191R

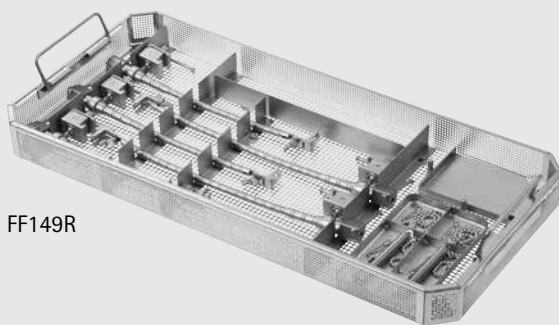
FF191R Connection Piece is compatible with FF152R, FF191R and FF285R holding rods



Storage Basket for GILSBACH Basic Unit

Catalog Number	Dimensions (mm)
FF148R	540 x 253 x 56

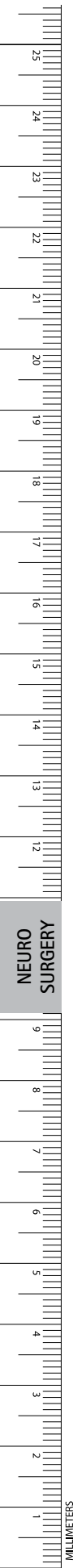
FF148R



Storage Basket for GILSBACH Flexible Arms

Catalog Number	Dimensions (mm)
FF149R	540 x 254 x 50

FF149R



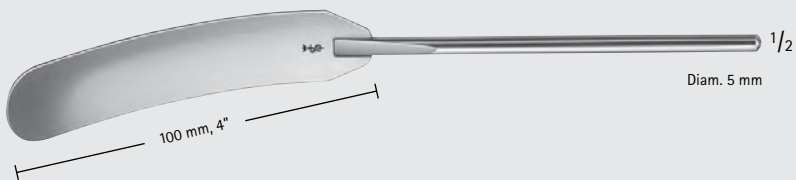
NEURO SURGERY



FF480R-FF488R

Silicone Brain Spatula, Flat, Single Use

Catalog Number	Blade Size (mm)	Packaging	Length (in.)
FF480R	6.0	BOX OF 10	7 7/8
FF482R	7.5	BOX OF 10	7 7/8
FF484R	10.0	BOX OF 10	7 7/8
FF486R	12.5	BOX OF 10	7 7/8
FF488R	15.0	BOX OF 10	7 7/8



FF231R-FF233R

Malleable Brain Spatula W/ Round Shaft for FF274R

Catalog Number	Working Length (in.)	Blade Size (mm)	Diameter (mm)	Length (in.)
FF231R	4	14	5.0	7 7/8
FF232R	4	17	5.0	7 7/8
FF233R	4	20	5.0	7 7/8



FF256R-FF259R

HEIFETZ Malleable Brain Spatula W/ Round Shaft for FF274R

Catalog Number	Working Length (in.)	Blade Size (mm)	Diameter (mm)	Length (in.)
FF256R	4	8	3.5	6 1/8
FF257R	4	11	3.5	6 1/8
FF258R	4	14	3.5	6 1/8
FF259R	4	17	3.5	6 1/8

Neurosurgery

Brain Spatulas



FF441R-FF446R

AACHEN (MARTIN) Brain Spatula, Malleable

Catalog Number	Blade Size (mm)	Length (in.)
FF441R	7 x 8	7 7/8
FF442R	10 x 11	7 7/8
FF443R	13 x 14	7 7/8
FF444R	16 x 17	7 7/8
FF445R	19 x 20	7 7/8
FF446R	22 x 25	7 7/8



FF201R-FF222R

Brain Spatula, Flat, Malleable

Catalog Number	Blade Size (mm)	Length (in.)
FF201R	9	7 7/8
FF202R	12	7 7/8
FF222R	12	9 3/4



FF211R-FF214R

Brain Spatula, Flat, Malleable

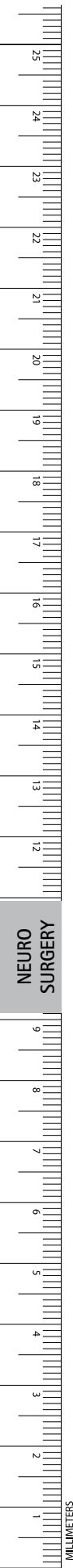
Catalog Number	Blade Size (mm)	Length (in.)
FF211R	7 x 9	7
FF212R	11 x 13	7
FF213R	15 x 18	7
FF214R	18 x 22	7



FF216R-FF217R

OLIVECRONA Brain Spatula, Flat, Malleable

Catalog Number	Blade Size (mm)	Length (in.)
FF216R	7 x 9	7
FF217R	11 x 13	7



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MD111-MD116

DAVIS Brain Spatula, Flat, Malleable

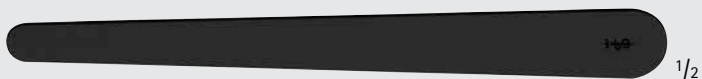
Catalog Number	Blade Size (mm)
MD111	6.0
MD112	9.0
MD113	13.0
MD114	16.0
MD115	19.0
MD116	25.0



MF348R-MF355R

Silicone Coated Brain Spatula, Post

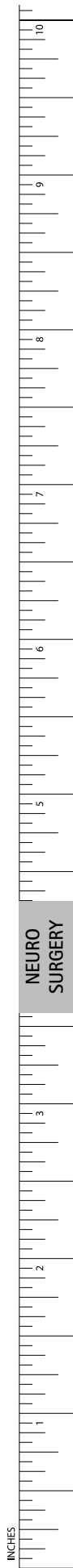
Catalog Number	Blade Size (mm)	Length (in.)
MF348R	6.0	5 3/4
MF350R	8.0	5 3/4
MF349R	10.0	5 3/4
MF352R	11.0	5 3/4
MF354R	14.0	5 3/4
MF351R	15.0	5 3/4
MF353R	20.0	5 3/4
MF355R	25.0	5 3/4



MF356R-MF359R

Silicone Coated Brain Spatula

Catalog Number	Blade Size (mm)	Length (in.)
MF356R	10 x 6	6 3/4
MF357R	15 x 8	6 3/4
MF358R	20 x 11	6 3/4
MF359R	25 x 14	6 3/4



NEURO SURGERY

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Our Certifications -

***UDYAM , ISO 13485, WHO-GMP, ISO 9001:2015, CE , ROHS,
FDA , MD-42, MD-5***

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