



Wholesale Supplier Neurosurgery_Instrument A to Z Hospital Equipment and Surgical Products **B to C**



Neurosurgery

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8275140877

9822688071

info@amramedtech.com



Sr No.29/1/2, Adarsh Nagar,
Uruli Devachi, Hadapsar, Pune
Branches :- All Maharashtra



amramedtech.com

NEUROSURGERY SKULL OPENING



FF007P

ScalpFix® Applicator, Polymer

Catalog Number
FF007P



FF012R

ScalpFix Applicator, Aluminum

Catalog Number
FF012R

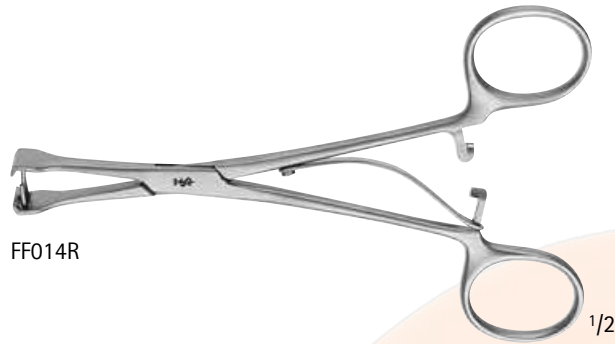


FF013P

ScalpFix Scalp Clip, Single Use

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

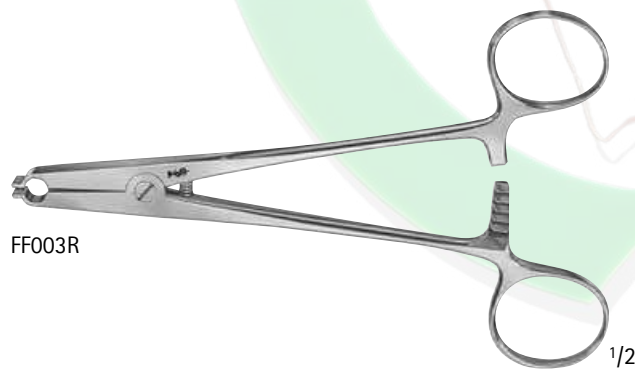
NEUROSURGERY SKULL OPENING



FF014R



FF015P



FF003R



FF005R

ScalpFix® Removal Forceps

Catalog Number	Length (in.)
FF014R	6

RANEY Plastic Scalp Hemostasis Clip, Sterile

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

RANEY Applying and Removing Forceps for Scalp Hemostasis Clips

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

Scalp Hemostasis Clip

Catalog Number	Sales Unit
FF005R	BOX OF 10





AMRAMED
TECH Pvt. Ltd.

Wholesale Supplier

A to Z Hospital Equipment and
Surgical Products B to C



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



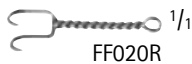
FF010R



FF011R



FF020R-FF022R



FF020R



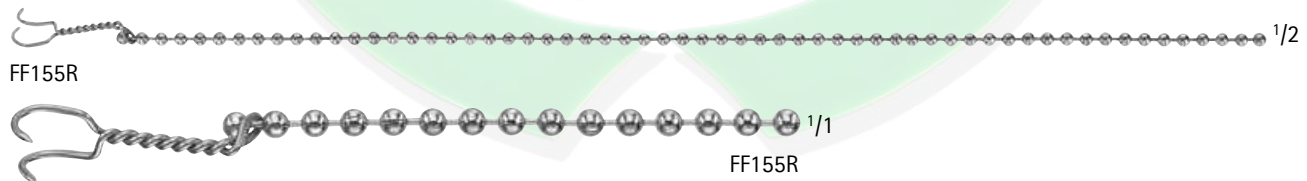
FF022R

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

Catalog Number	Tip
FF020R	SMALL
FF022R	LARGE

Galea Hook, W/ Ball Chain

Catalog Number	Compatible w/
FF155R	FF154R



FF155R

FF155R

Galea Hook, W/ Ball Chain and Spiral Spring

Catalog Number	Compatible w/
FF156R	FF154R



FF156R

FF156R

NEUROSURGERY SKULL OPENING



FF056R

HUDSON Drill Brace

Catalog Number
FF056R



FF057R

HUDSON Drill Brace Extension

Catalog Number
FF057R



FF061R



FF062R



FF063R



FF064R

HUDSON Burr

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



FF065R

ADSON Burr

Catalog Number	Diameter (mm)
FF065R	15.0



FF066R

MCKENZIE Twist Drill

Catalog Number	Diameter (mm)
FF066R	13.0



FF067R

CUSHING Flat Drill

Catalog Number	Diameter (mm)
FF067R	14.0



FF068R

Twist Drill

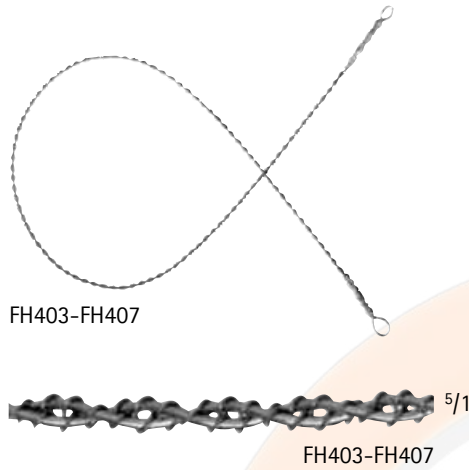
Catalog Number	Diameter (mm)
FF068R	2.0



NEUROSURGERY SKULL OPENING

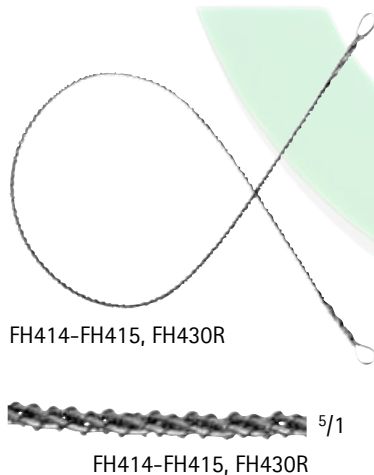
OLIVECRONA Wire Saw

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

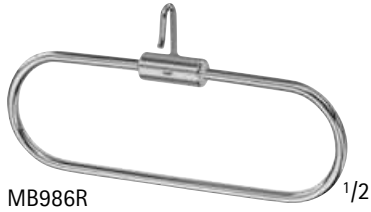


GIGLI Wire Saw

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



NEUROSURGERY SKULL OPENING



GIGLI Saw Handle F/ Wire Saws

Catalog Number	Packaging
MB986R	2 PER PACKAGE



GIGLI Hook Handle, F/ Wire Saws

Catalog Number	Packaging
FH480R	2/SET

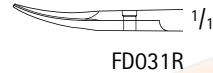
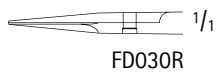


DEMARTEL Conductor

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

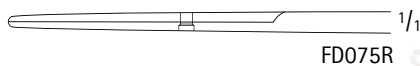


NEUROSURGERY MICRO SCISSORS, BAYONET-SHAPED



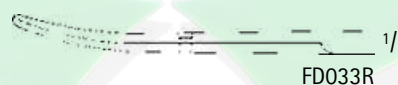
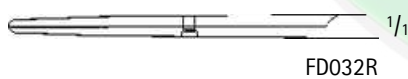
YASARGIL Micro Scissors

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



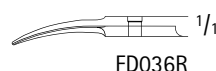
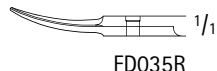
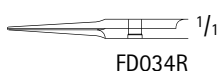
YASARGIL Micro Dissecting Scissors

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



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



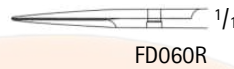
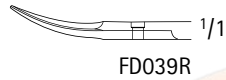
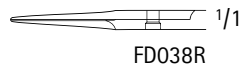
YASARGIL Micro Scissors

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

NEUROSURGERY MICRO SCISSORS, BAYONET-SHAPED

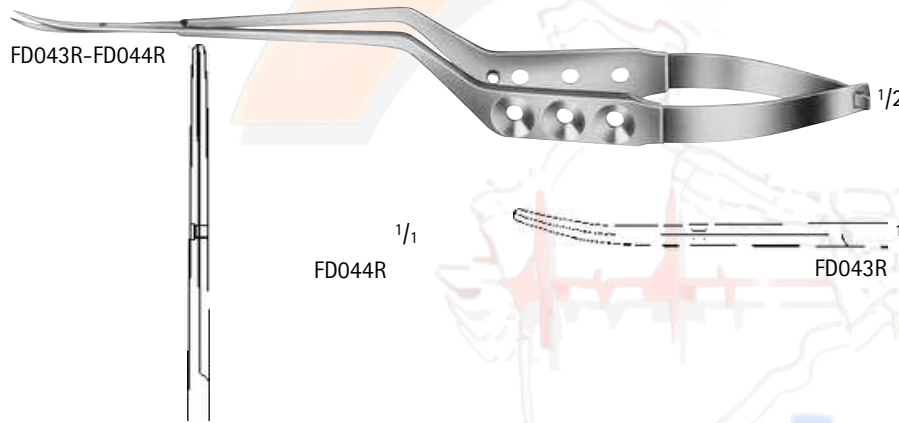


FD038R-FD060R

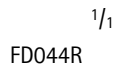


YASARGIL Micro Scissors

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

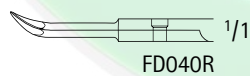
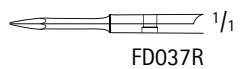


YASARGIL Micro Dissecting Scissors

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



FD037R-FD040R

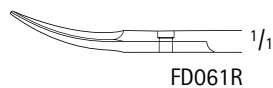


YASARGIL Micro Scissors

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



FD061R



YASARGIL Micro Scissors

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



NEUROSURGERY MICRO SCISSORS, BAYONET-SHAPED



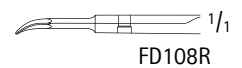
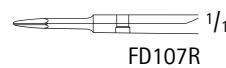
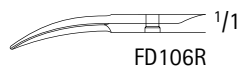
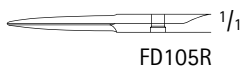
YASARGIL Wire Cutting Scissors

Catalog Number	Tip	Blade	Length (in.)
FD062R	S/S	1-SERR	8 1/4

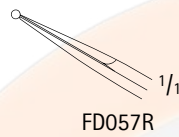
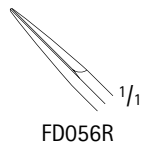


Micro Vessel Scissors

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



NEUROSURGERY MICRO SCISSORS, BAYONET-SHAPED



NAGEL Micro Scissors

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



DEBAKEY Circum ex Micro Scissors

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

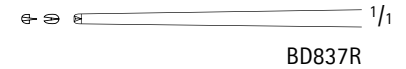


NEUROSURGERY MICRO FORCEPS



**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



**YASARGIL Micro Forceps,
Bayonet-Shaped**

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



**YASARGIL Micro Forceps,
Bayonet-Shaped**

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



**YASARGIL Micro Forceps,
Bayonet-Shaped**

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



NEUROSURGERY MICRO AND TUMOR FORCEPS



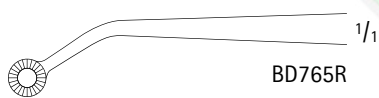
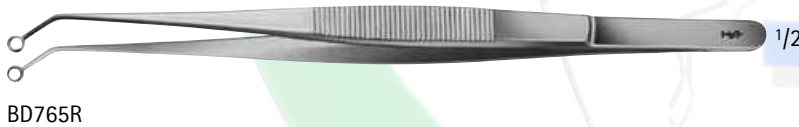
**Gruenwald Micro Forceps,
Bayonet-Shaped**

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



PENFIELD Watchmaker Forceps

Catalog Number	Length (in.)
MD536R	7



**HUNT Grasping Forceps,
Bayonet-Shaped**

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



**HUNT Grasping Forceps,
Bayonet-Shaped**

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



NEUROSURGERY TUMOR FORCEPS



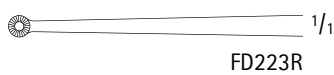
**YASARGIL Grasping Forceps,
Bayonet-Shaped**

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



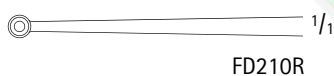
**YASARGIL Micro Forceps,
Bayonet-Shaped**

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



NEUROSURGERY TUMOR FORCEPS

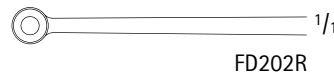
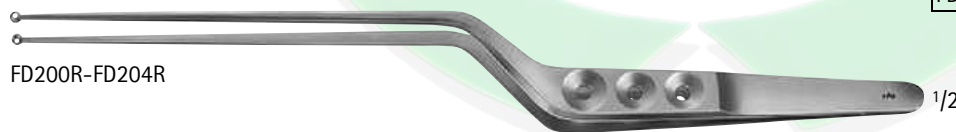
HEIFETZ Grasping Forceps, Bayonet-Shaped

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

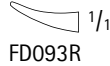
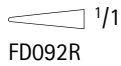
Catalog Number	Jaw	Diameter (mm)	Length (in.)
FD200R	SPOON-SHAPED	3.0	9 1/2
FD202R	SPOON-SHAPED	5.0	9 1/2
FD204R	SPOON-SHAPED	7.0	9 1/2



NEUROSURGERY MICRO NEEDLE HOLDER, BAYONET-SHAPED



FD092R-FD093R

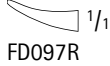
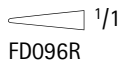


YASARGIL Micro Needle Holder

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



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

MIN INSTRUMENTS - NOIR™ MICRO SCISSORS, BAYONET-SHAPED



FD701B-FD776B



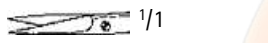
FD701B, FD704B



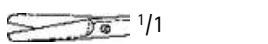
FD702B, FD705B



FD703B, FD706B



FD701B-FD703B



FD704B-FD706B



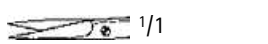
FD731B, FD734B



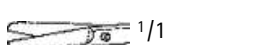
FD732B-FD735B



FD733B-FD736B



FD731B-FD733B



FD734B-FD736B



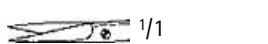
FD771B, FD774B



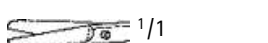
FD772B, FD775B



FD773B, FD776B



FD771B-FD773B



FD774B-FD776B

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



NEUROSURGERY

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

MIN, Noir Micro Needle Holder W/ Golfball Handle

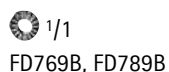
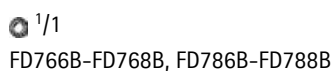
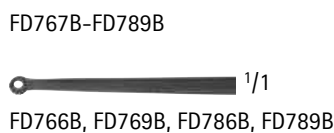
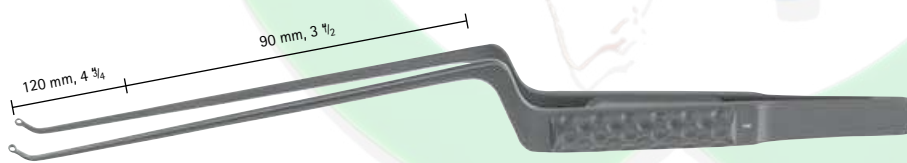
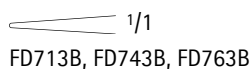
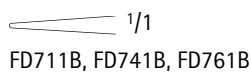
Catalog Number	Suture Size	Working Length (mm)	Length (in.)
FD717B	7/0 AND SMALLER	70	7 7/8
FD718B	7/0 AND SMALLER	90	8 3/4
FD719B	7/0 AND SMALLER	120	9 3/4

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

MIN, Noir Micro Tumor Forceps W/ Golfball Handle

Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD766B	STR2.5	RING	3 1/2	8 1/4
FD769B	STR3.5	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	STR2.5	RING	4 3/4	9 1/2
FD789B	STR3.5	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



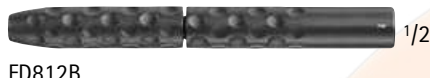
NEUROSURGERY MIN INSTRUMENTS - NOIR™ MODULAR HANDLES

MIN Set

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



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



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

FD797B-FD799B



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

FD805B-FD809B



MIN, Noir Micro Scoop F/ Modular Golfball Handle

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

FD814B-FD816B



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

FD821B-FD823B



MIN INSTRUMENTS - NOIR™ MICRO DISSECTORS/NOIR™ RASPS/NOIR™ HOOKS

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



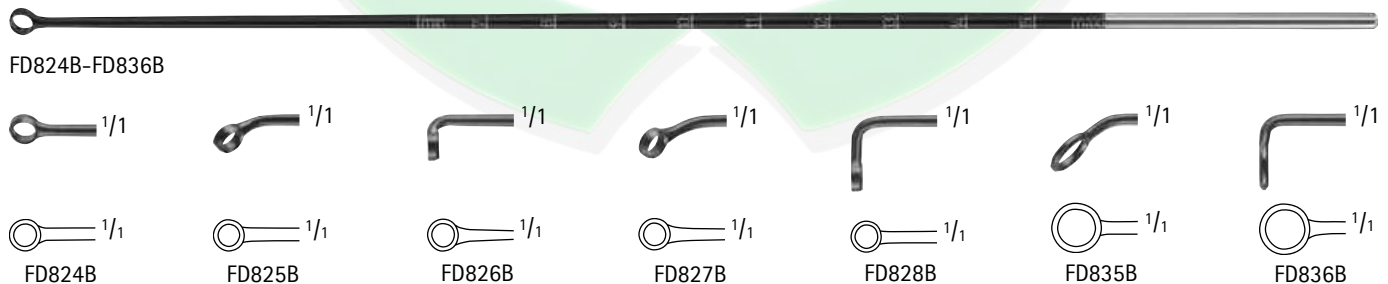
MIN, Noir Micro Tumor Knife F/ Modular Golfball Handle

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	FD825B	4.0	7 7/8
FD826B	FD827B 45°	4.0	7 7/8
W/ NECK	FD828B 90°	4.0	7 7/8
W/ NECK		4.0	7 7/8
		4.0	7 7/8
FD835B	45°	6.5	7 7/8
FD836B	90°	6.5	7 7/8



FD467R

Storage Tray F/ MIN Micro Instruments

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

NEURO
SURGERY

INCHES

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



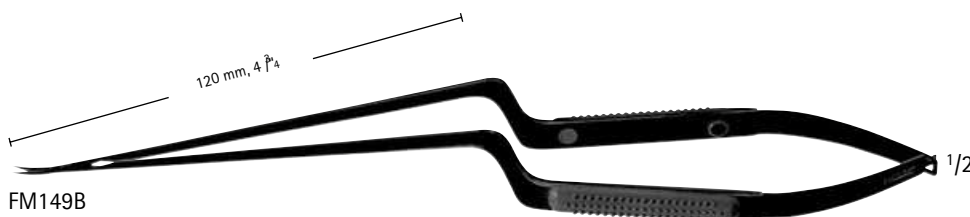
SENSATION Noir Micro Scissors

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

NEUROSURGERY SENSATION™ MICRO SCISSORS, BAYONET-SHAPED



SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM120R	S/S	STR	BLUE	2 $\frac{3}{4}$	7 $\frac{3}{4}$
FM130R	S/B	STR	BLUE	2 $\frac{3}{4}$	7 $\frac{3}{4}$
FM140R	B/B	STR	BLUE	2 $\frac{3}{4}$	7 $\frac{3}{4}$

SENSATION Micro Scissors

Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM122R	S/S	STR	BLUE	3 $\frac{1}{2}$	8 $\frac{1}{2}$
FM132R	S/B	STR	BLUE	3 $\frac{1}{2}$	8 $\frac{1}{2}$
FM142R	B/B	STR	BLUE	3 $\frac{1}{2}$	8 $\frac{1}{2}$

SENSATION Micro Scissors

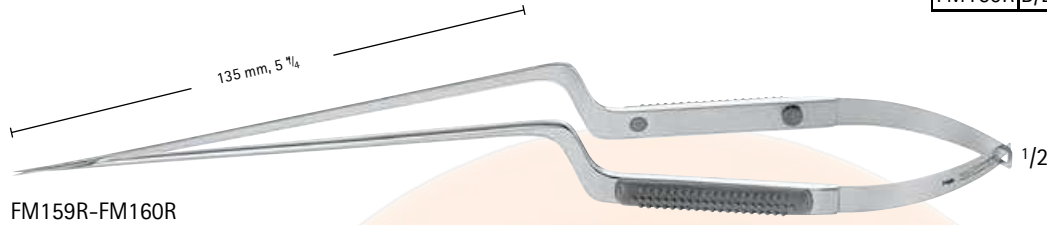
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM124R	S/S	STR	BLUE	4 $\frac{3}{4}$	9 $\frac{5}{8}$
FM134R	S/B	STR	BLUE	4 $\frac{3}{4}$	9 $\frac{5}{8}$
FM144R	B/B	STR	BLUE	4 $\frac{3}{4}$	9 $\frac{5}{8}$



NEUROSURGERY SENSATION™ MICRO SCISSORS, BAYONET-SHAPED

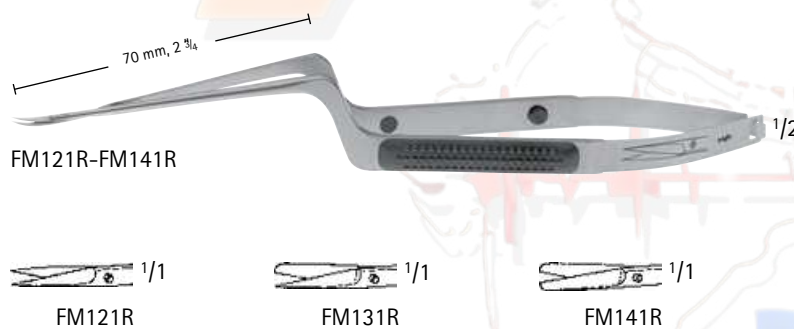
SENSATION Micro Scissors

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



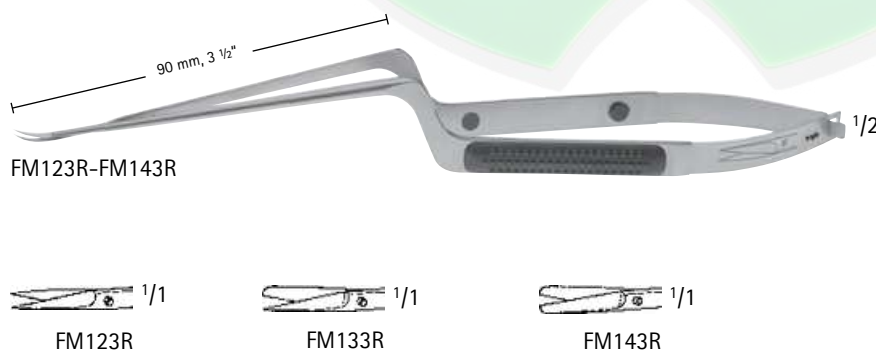
SENSATION Micro Scissors

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



SENSATION Micro Scissors

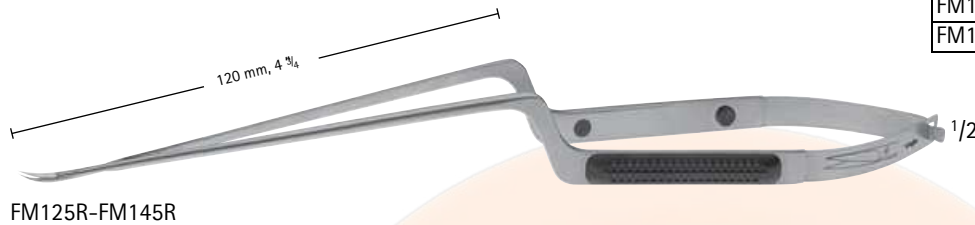
Catalog Number	Tip	Blade	Handle	Working Length (in.)	Length (in.)
FM123R	S/S	CVD-UP	BLUE	3 1/2	8 1/2
FM133R	S/B	CVD-UP	BLUE	3 1/2	8 1/2
FM143R	B/B	CVD-UP	BLUE	3 1/2	8 1/2



NEUROSURGERY SENSATION™ MICRO SCISSORS, BAYONET-SHAPED

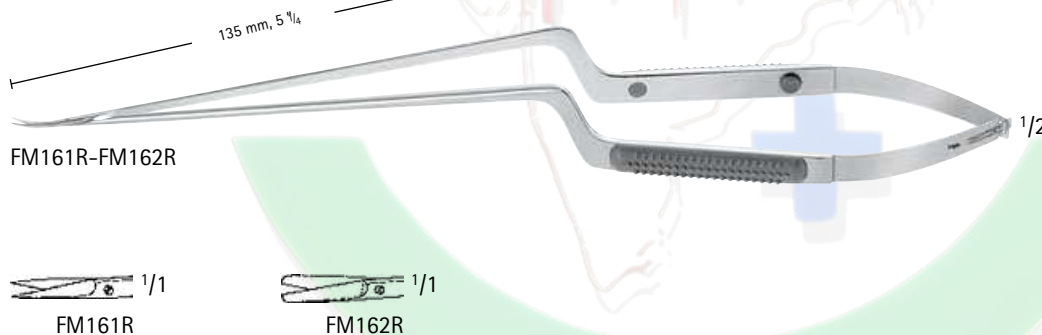
SENSATION Micro Scissors

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



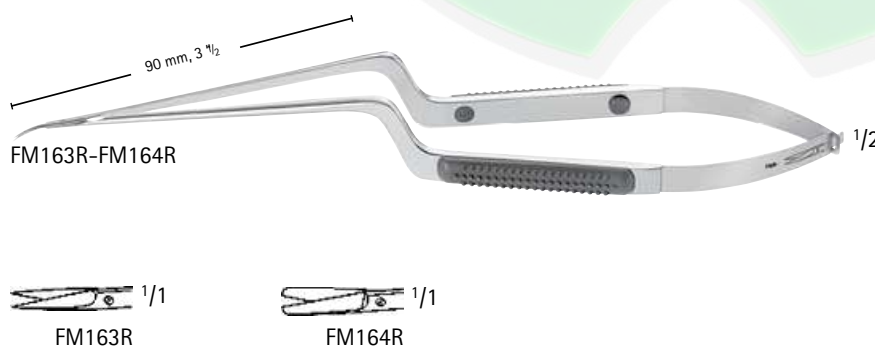
SENSATION Micro Scissors

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



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



NEUROSURGERY SENSATIONTM 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



NEUROSURGERY SENSATIONTM MICRO FORCEPS, BAYONET-SHAPED



SENSATION Micro Forceps

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



SENSATION Micro Forceps

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



SENSATION Micro Forceps

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

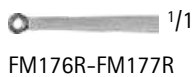
SENSATION Tumor Grasper

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

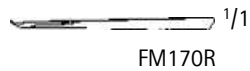


SENSATION Tumor Grasper

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



NEUROSURGERY SENSATION™ MICRO NEEDLE HOLDERS, BAYONET-SHAPED



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



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



SENSATION Micro Needle Holder

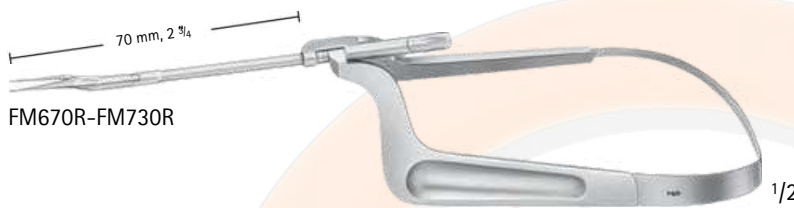
Catalog Number	Jaw Size (mm)	Handle	Working Length (in.)	Length (in.)
FM175R	2.5	GREEN	4 3/4	9 5/8



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

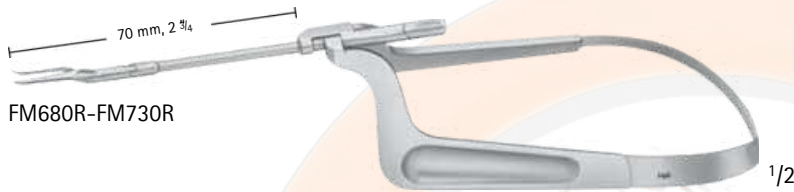
Catalog Number	Tip	Blade	Item	Working Length (in.)	Length (in.)
FM672R	S/S	STR	COMPLETE	5 1/8	10 1/4
FM677R	S/S	STR	JAW INSERT	5 1/8	-
FM692R	B/B	STR	COMPLETE	5 1/8	10 1/4
FM697R	B/B	STR	JAW INSERT	5 1/8	-
FM732R	-	-	HANDLE	-	-



NEUROSURGERY XS MICRO SCISSORS, BAYONET-SHAPED

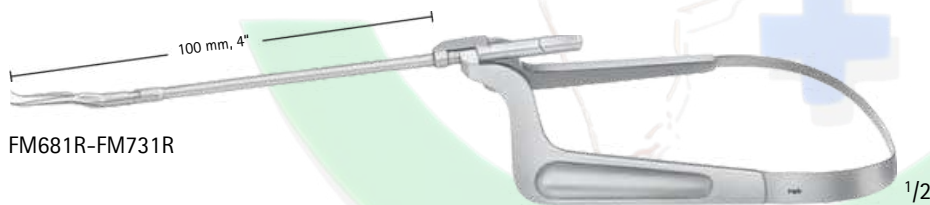
XS Micro Scissors

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	-	-



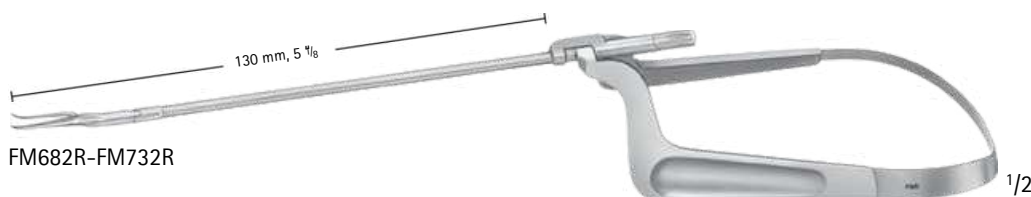
XS Micro Scissors

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 SCISSORS, 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	-	-



FM710R-FM730R

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	-	-



FM711R-FM731R

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	-	-



FM712R-FM732R

NEUROSURGERY XS MICRO SCISSORS, BAYONET-SHAPED

XS Micro Tumor Grasping Forceps

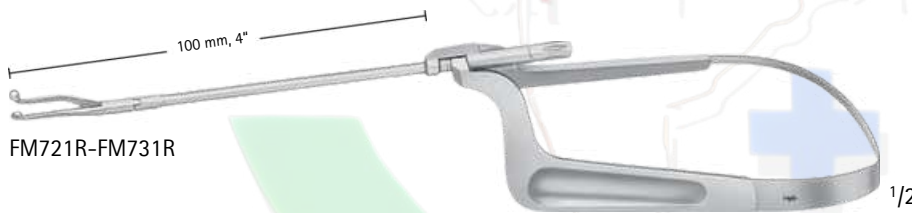
Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM720R	3.0	SHARP	COMPLETE	2 3/4	7 7/8
FM725R	3.0	SHARP	JAW INSERT	2 3/4	-
FM730R	-	-	HANDLE	-	-



FM720R-FM730R

XS Micro Tumor Grasping Forceps

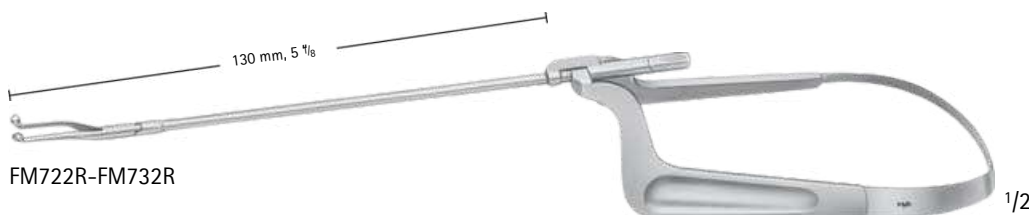
Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM721R	3.0	SHARP	COMPLETE	4	9
FM726R	3.0	SHARP	JAW INSERT	4	-
FM731R	-	-	HANDLE	-	-



FM721R-FM731R

XS Micro Tumor Grasping Forceps

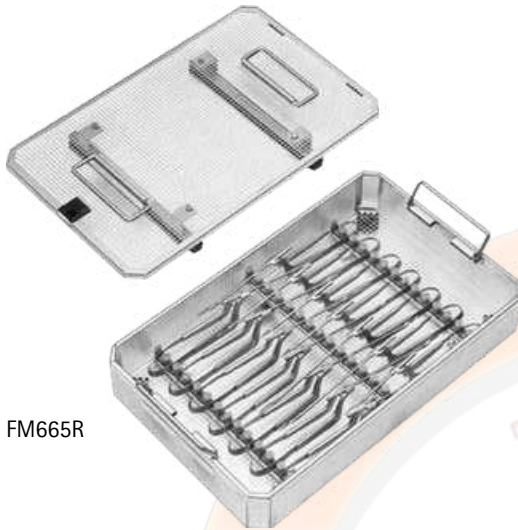
Catalog Number	Jaw Size (mm)	Jaw	Item	Working Length (in.)	Length (in.)
FM722R	3.0	SHARP	COMPLETE	5 1/8	10 1/4
FM727R	3.0	SHARP	JAW INSERT	5 1/8	-
FM732R	-	-	HANDLE	-	-



FM722R-FM732R



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



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NEUROSURGERY EC/IC BYPASS INSTRUMENTS - NOIR™ SCISSORS



FD481B-FD482B



FD481B



FD482B



FD483B



FD483B



FD484B-FD485B



FD484B



FD485B

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



NEUROSURGERY EC/IC BYPASS INSTRUMENTS - NOIR™ SCISSORS

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



NEUROSURGERY

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

EC/IC Bypass Instruments, Noir Needle Holder

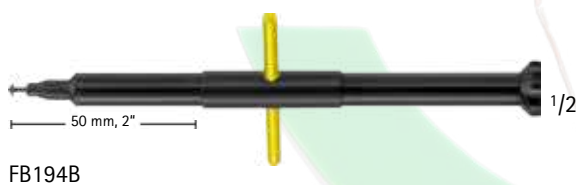
Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
FD493B	STR	0.5	2	6
FD494B	CVD	0.5	3 1/8	6 3/4
FD495B	CVD	0.5	4	8 1/4

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



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

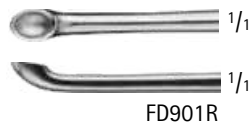
Catalog Number	Tip	Tip Size (mm)	Handle	Length (in.)
FD911R	ANG, SHARP	2.0	BLACK CAP	7 7/8
FD912R	ANG, SHARP	3.5	BLACK CAP	7 7/8
FD913R	ANG, SHARP	4.0	BLACK CAP	7 7/8

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



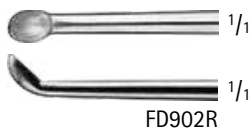
FD901R-FD904R



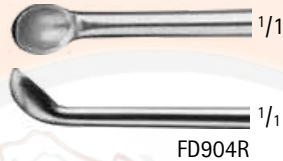
FD901R



FD903R



FD902R



FD904R



FD911R-FD913R



FD911R



FD913R



FD912R



FD908R-FD910R



FD908R

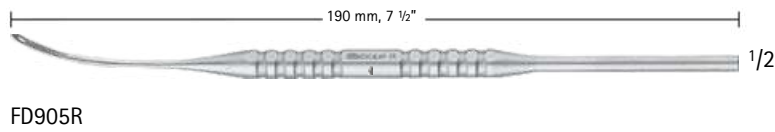


FD910R



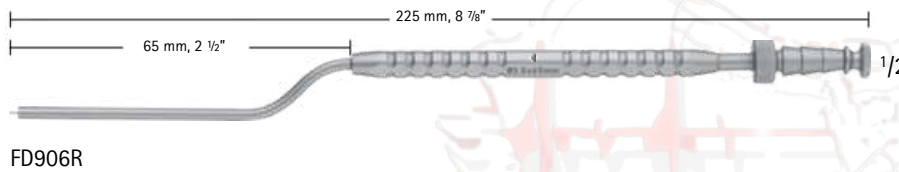
FD909R

NEUROSURGERY SKULL BASE INSTRUMENTS



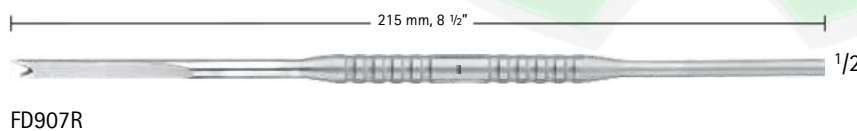
AL-MEFTY Ligature Needle

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



AL-MEFTY Suction Cannula

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



AL-MEFTY Chisel

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



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

NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



MD133



MD133

Micro Dissector, Round

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



MD134



MD134

Micro Dissector, Round

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



MD135



MD135

Micro Dissector, Round

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



MD136



MD136

Micro Elevator

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



MD137



MD137

Micro Dissector Elevator

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



MD138



MD138

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

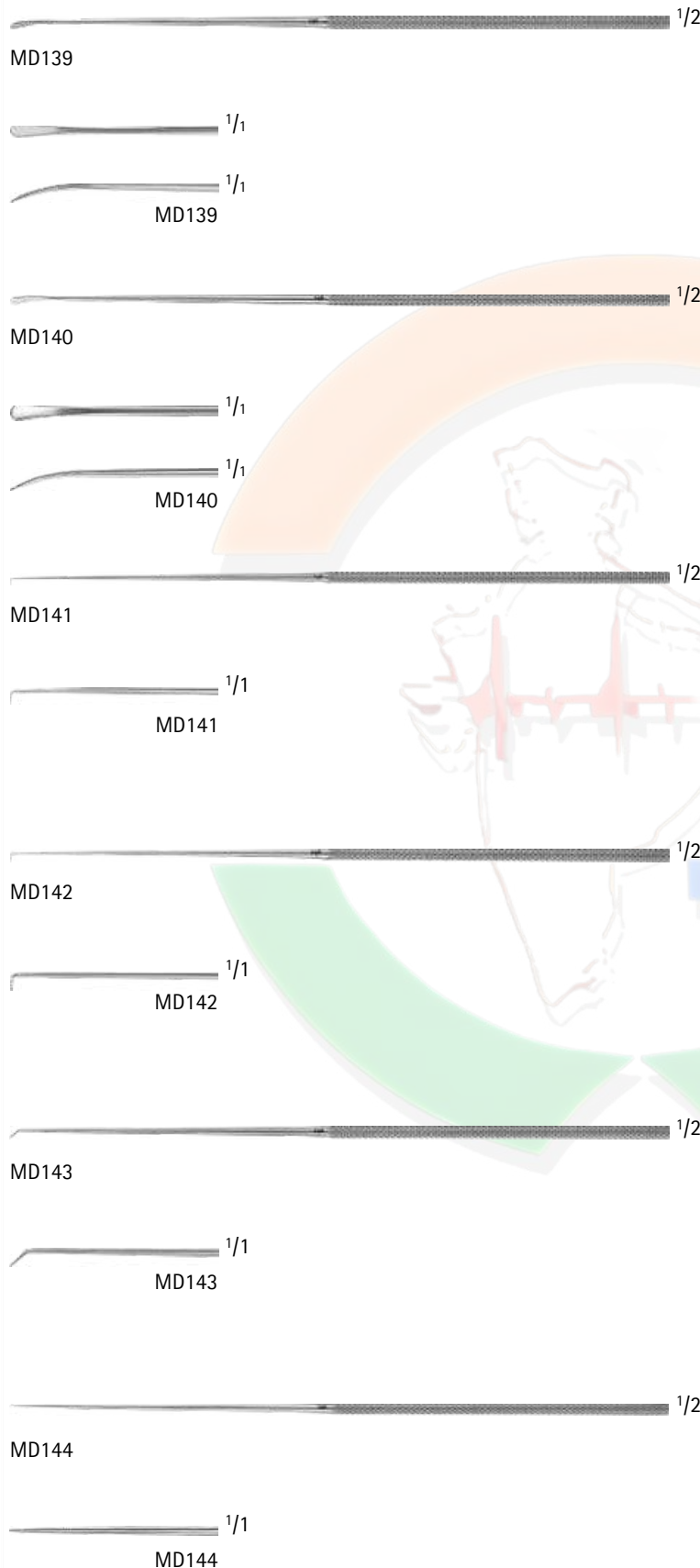
Catalog Number	Tip	Length (in.)
MD142	90°, BLUNT	7 1/2

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



NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



MD145



MD145



MD146



MD146



MD147



MD147



MD148



MD148



MF360R



MF360R



MF361R



MF361R



MF362R



MF362R

Micro Curette

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

Micro Curette

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

Micro Ball Dissector

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

Micro Ball Dissector

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

Micro Ball Dissector

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

Micro Ball Dissector

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

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

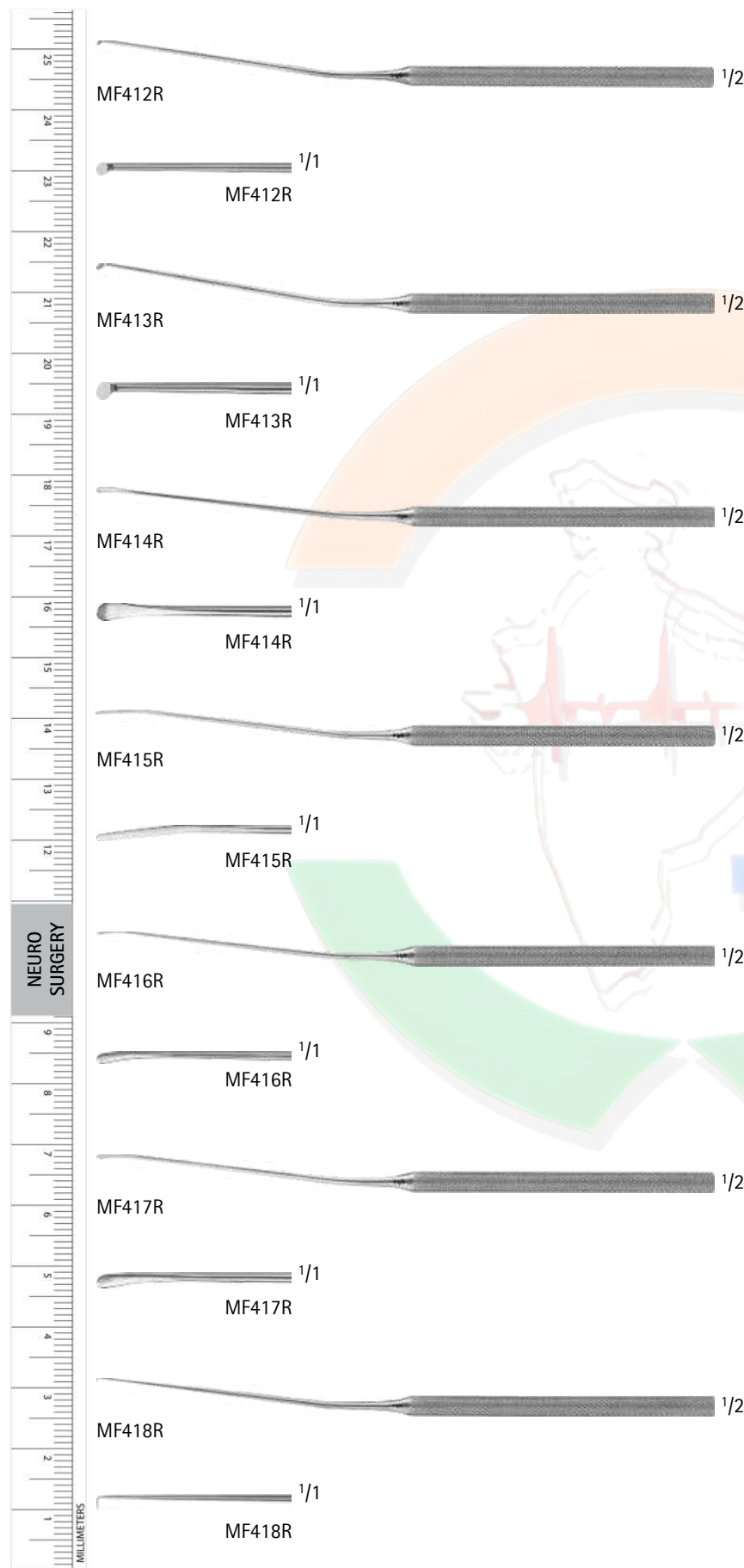
Catalog Number	Width (mm)	Length (in.)
MF416R	1.6	7 1/2

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



NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



Jannetta Style Probe #8

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



Jannetta Style Right Angle Hook #9

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



Jannetta Style Hook #9A

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



Jannetta Style Right Angle Hook #10

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



Jannetta Style Probe #11

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



Jannetta Style Double Prong Fork #12

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



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



NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



FD330R

Micro Hook

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



FD330R



FD331R

Micro Hook

Catalog Number	Tip	Length (in.)
FD331R	BLUNT	9



FD331R



FD332R

Micro Dissector

Catalog Number	Tip	Length (in.)
FD332R	STR	9



FD332R



FD334R

Micro Dissector

Catalog Number	Tip	Length (in.)
FD334R	SMALL	9



FD334R



FD335R

Micro Scoop

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



FD335R



FD336R

Micro Scoop

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



FD336R



FD337R

Micro Raspatory

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



FD337R



NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



YASARGIL Dissector, F/ Pediatrics

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



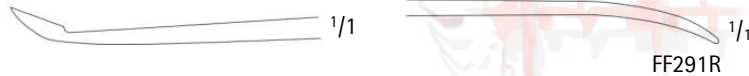
YASARGIL Dissector, F/ Adults

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



PENFIELD Dissector, Double Ended

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



PENFIELD Dissector, Double Ended

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



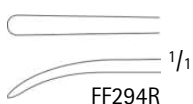
PENFIELD Dissector, Double Ended

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



PENFIELD Dissector

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



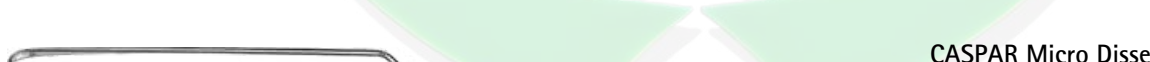
NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS

PENFIELD Dissector, Double Ended

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

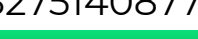
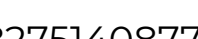
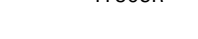
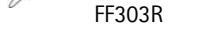


FF295R



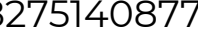
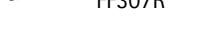
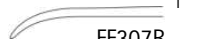
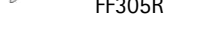
CASPAR Micro Dissector

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

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

MILLIGAN Dissector, Double Ended

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

PENNYBACKER Probe Dissector, Double Ended

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

FF311R 1/2

1/1

FF311R 1/1

FF312R 1/2

1/1

FF312R 1/1

MF455R 1/2

1/1

MF455R 1/1

FF349R 1/2

1/1

FF349R 1/1

NEURO
SURGERY

NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS

WOODSON Elevator, Spatula, Double Ended

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



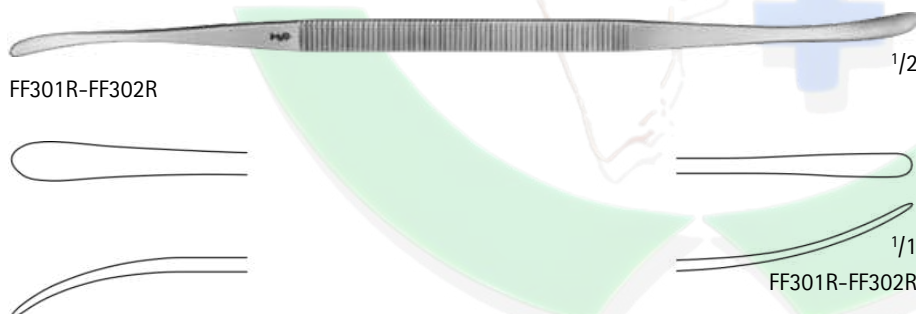
DAVIS Vascular Spatula, Double Ended

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



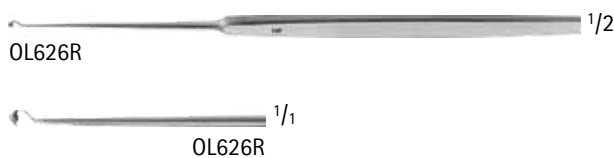
TOENNIS Vascular Spatula, Double Ended

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



NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS

MUELLER Dura Hook

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

CAIRNS Dura Retractor

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

FRAZIER Dura Retractor

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

TOENNIS Dura Retractor

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

KRAEMER Osteophyte Chisel

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

OL627R 1/2

1/1
1/1
OL627R

FF313R 1/2
1/1
FF313R

FF321R 1/2
1/1
FF321R

FF322R 1/2
1/1
FF322R

FL711R 1/2
1/1
FL711R

NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS

FD301R-FD305R 1/2

FD301R

1/1

1/1

FD301R

1/1

1/1

FD303R

1/1

1/1

FD304R

1/1

1/1

FD305R

FD302R 1/2

FD302R

1/1

1/1

FD302R

FD320R-FD322R 1/2

FD320R

1/1

1/1

FD320R

1/1

1/1

FD321R

1/1

1/1

FD322R

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

YASARGIL Micro Dissector

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

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

FD392R 1/2

1/1
FD392R

FD376R 1/2

1/1
FD376R

FD375R 1/2

1/1
FD375R

BT088R-BT091R 1/2

1/1
BT088R

1/1
BT089R

1/1
BT090R

1/1
BT091R

MB322R, MB323R, MB325R 1/2

MB325R

MB320R, MB328R, MB335R 1/2

MB335R

MB326R 1/2

1/1
MB326R

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:

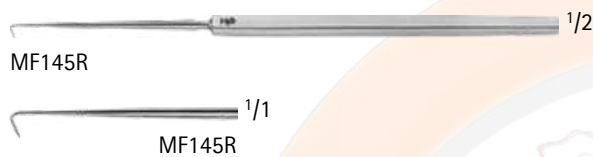
1 Probe of each MB320R, MB322R, MB323R, MB325R, MB326R

NEUROSURGERY MICRO DISSECTORS/RASPS/HOOKS



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



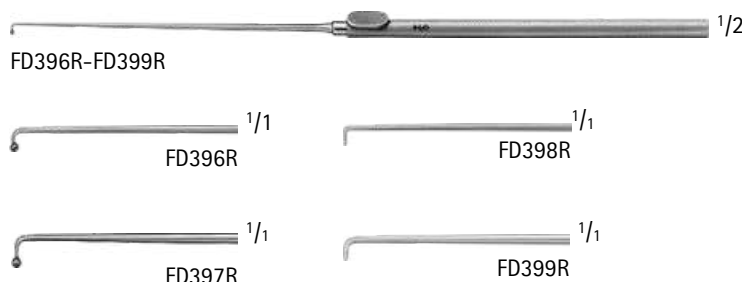
CRILE Vessel Hook

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



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



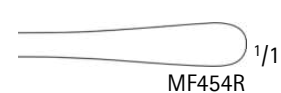
WEARY Nerve Hook

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

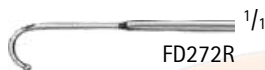
Catalog Number	Length (in.)
MF454R	12 1/4



ADSON Nerve Hook

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

NEUROSURGERY SUTURE AND LIGATURE INSTRUMENTS



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

YASARGIL Ligature Forceps

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

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



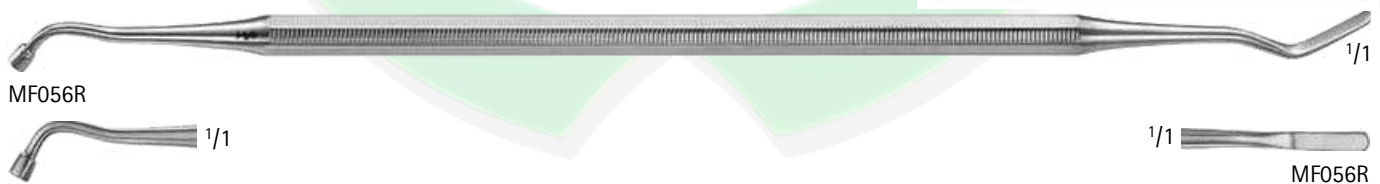
HORSLEY Dural Separator

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



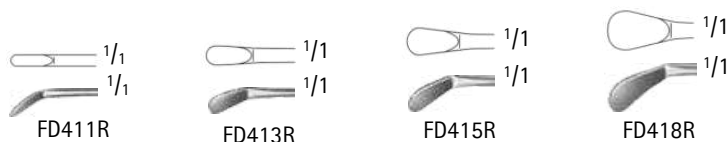
WOODSON Dural Separator, Double Ended

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



NEUROSURGERY KNIVES

FD861R-FD868R $\frac{1}{2}$



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

FD298R $\frac{1}{2}$



SAMII Lancet Knife

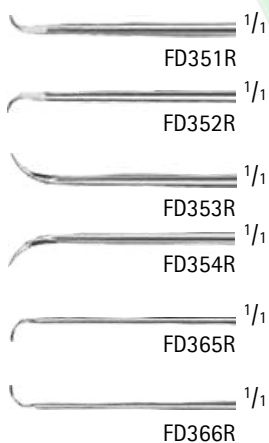
Catalog Number	Length (in.)
FD298R	9

FD347R $\frac{1}{2}$

CASPAR Micro Knife

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

FD351R-FD366R $\frac{1}{2}$



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

FD350R $\frac{1}{2}$



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



FD113D



FD113D



FD114D



FD114D



FD115D



FD115D



FD116D



FD116D

NEUROSURGERY PITUITARY INSTRUMENTS



OK100R-OK102R

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



OK103R



MF130R-MF132R

KILLIAN Speculum, Self Retaining

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

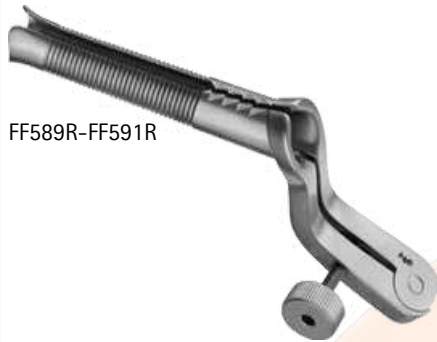


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NEUROSURGERY PITUITARY INSTRUMENTS

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



FF589R-FF591R



TE749R



FF595R



FF595R



FF590B

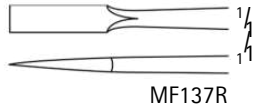
Noir Transsphenoidal Specula

Catalog Number	Blade Size (mm)
FF590B	90 x 13

NEUROSURGERY PITUITARY INSTRUMENTS



MF137R



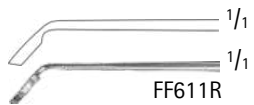
MF137R

PAPAVERO Chisel

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



FF611R-FF614R



FF611R



FF614R

RAY Curette

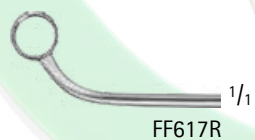
Catalog Number	Tip	Diameter (mm)	Length (in.)
FF611R	HORIZONTAL 45°	4.0	7
FF614R	VERTICAL 45°	4.0	7



FF616R-FF618R



FF616R



FF617R



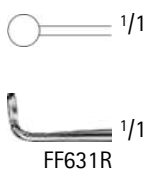
FF618R

**NICOLA Curette, Malleable,
Bayonet-Shaped**

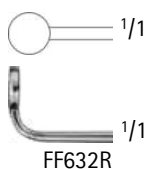
Catalog Number	Tip	Diameter (mm)	Working Length (in.)	Length (in.)
FF616R	CUT-RIGHT	6.5	5 1/2	10 1/4
FF617R	CUT-LEFT	6.5	5 1/2	10 1/4
FF618R	-	6.5	5 1/2	10 1/4



FF631R-FF632R



FF631R



FF632R

**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

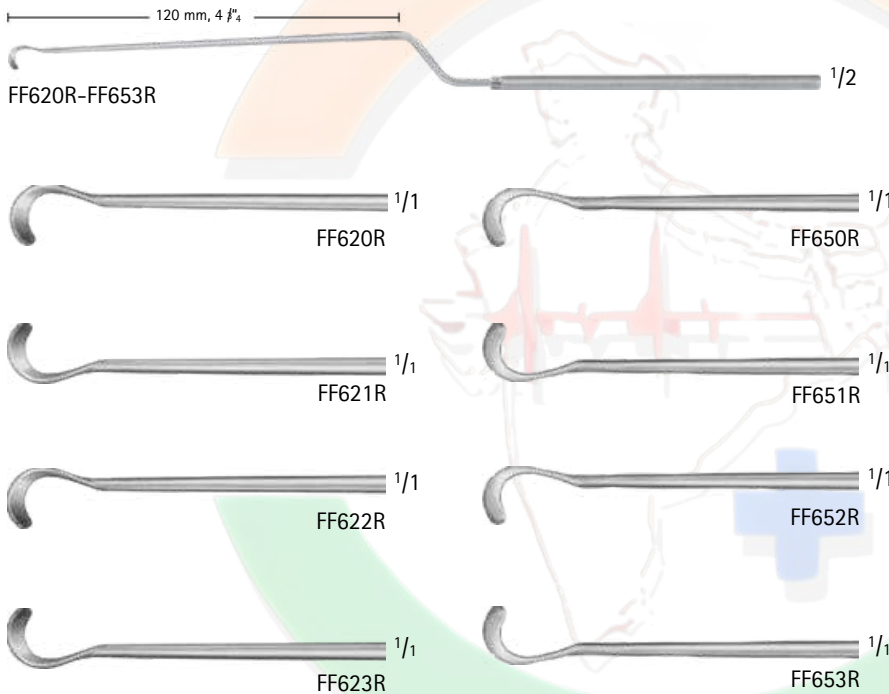


NEUROSURGERY PITUITARY INSTRUMENTS



NICOLA Raspatory, Bayonet-Shaped

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



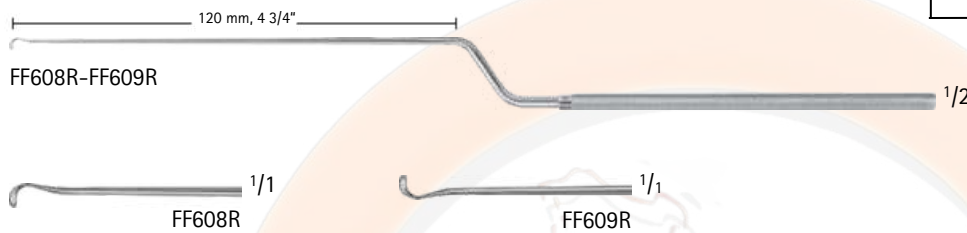
HARDY Enucleator, Bayonet-Shaped

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

NEUROSURGERY PITUITARY INSTRUMENTS

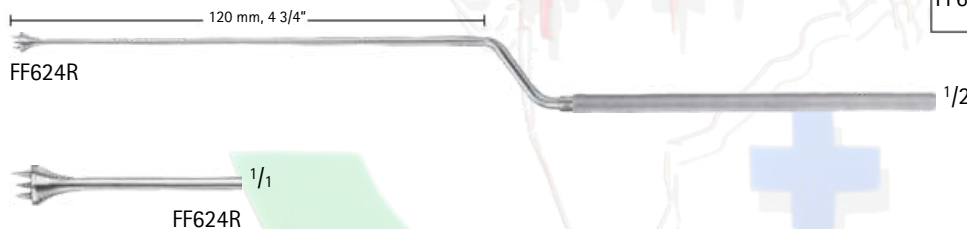
HARDY-FAHLBUSCH Dissector, Bayonet-Shaped

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



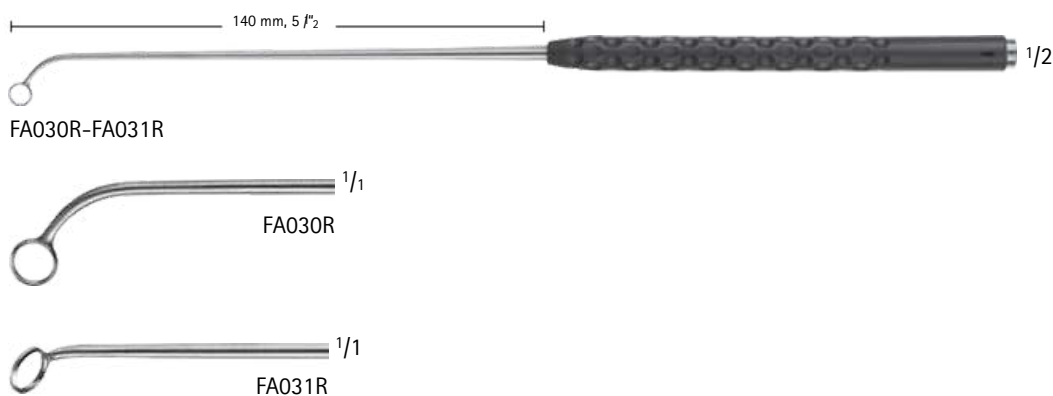
HARDY Implant Fork, Bayonet-Shaped

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 Enucleator

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



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



LANDOLT-REULEN Hook

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



NEUROSURGERY PITUITARY INSTRUMENTS

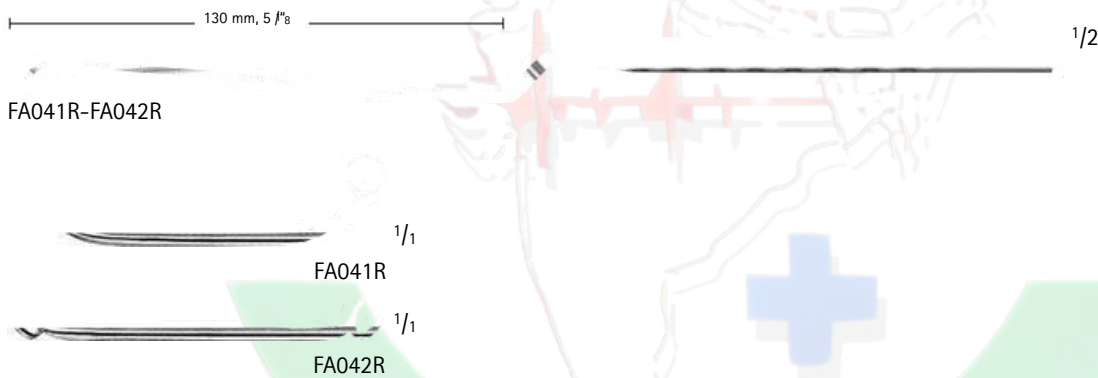
LANDOLT-REULEN Dissector

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



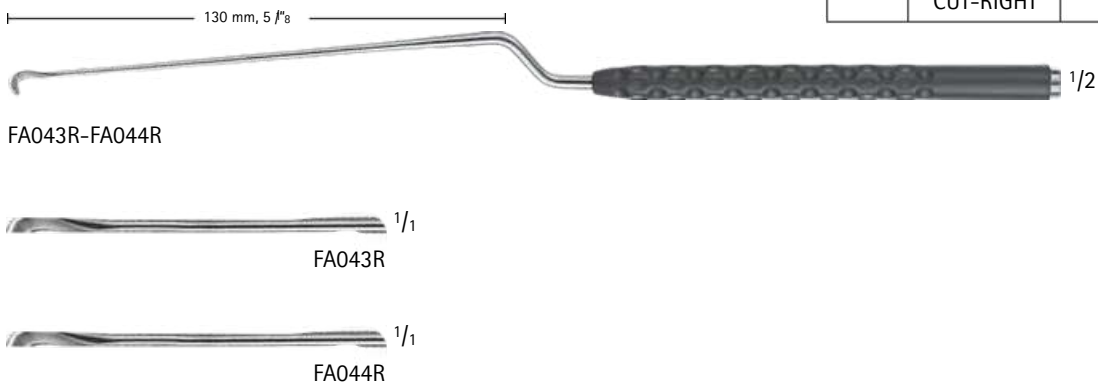
NICOLA Curette, Bayonet-Shaped

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

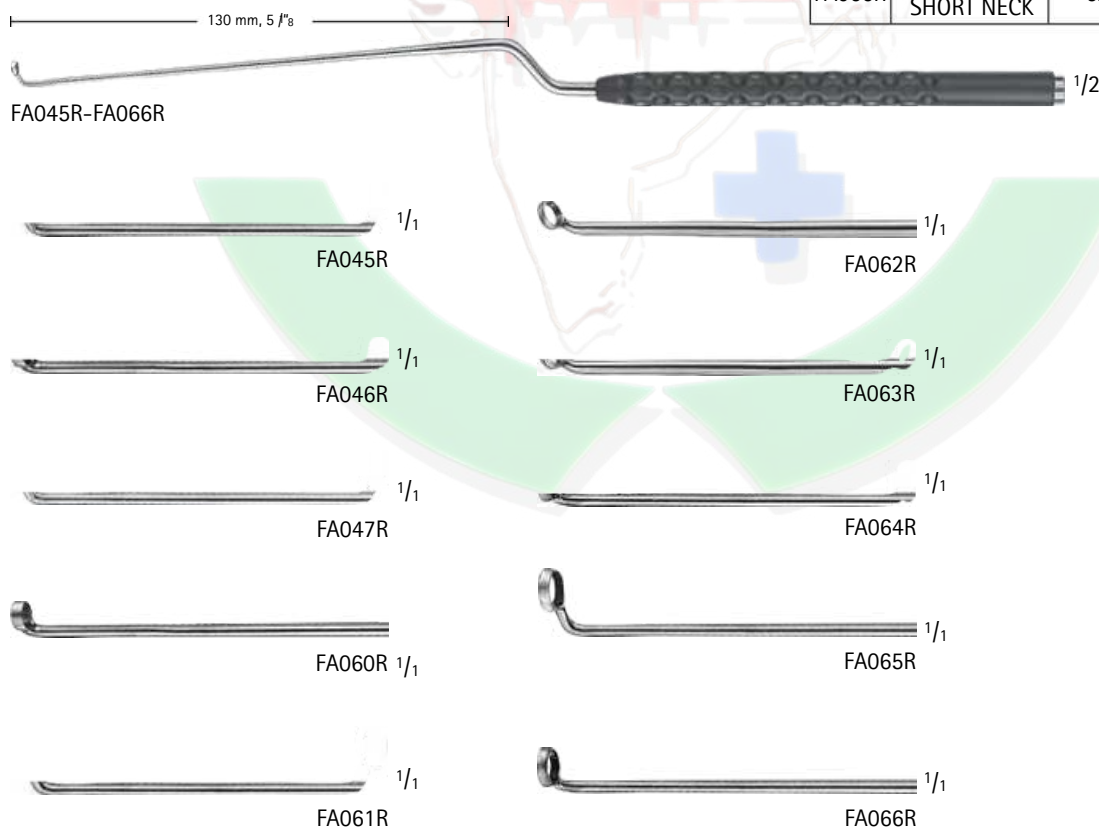
Catalog Number	Tip	Working Length (in.)	Length (in.)
FA043R	CVD-LEFT, CUT-LEFT	5 1/8	11
FA044R	CVD-LEFT, CUT-RIGHT	5 1/8	11



NEUROSURGERY PITUITARY INSTRUMENTS

HARDY Curette, Bayonet-Shaped

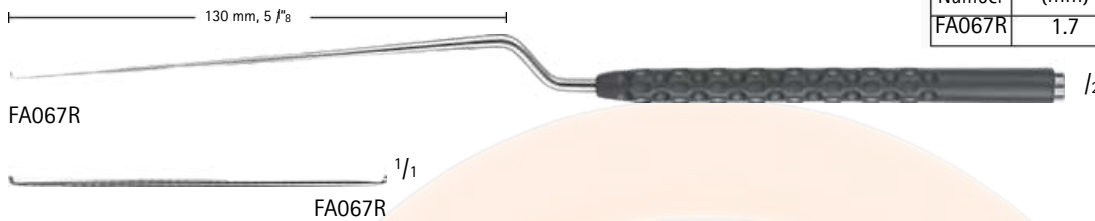
Catalog Number	Tip	Diameter (mm)	Working Length (in.)	Length (in.)
FA045R	90° LEFT/ LONG NECK	4.0	5 1/8	11
FA046R	90° LEFT/ SHORT NECK	4.0	5 1/8	11
FA047R	90° RIGHT/ LONG NECK	4.0	5 1/8	11
FA060R	90° RIGHT/ SHORT NECK	4.0	5 1/8	11
FA061R	45° LEFT HORIZONTAL/ SHORT NECK	4.0	5 1/8	11
FA062R	45° RIGHT HORIZONTAL/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



NEUROSURGERY PITUITARY INSTRUMENTS

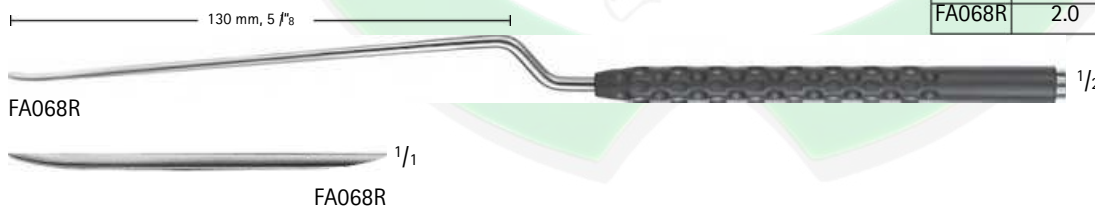
**LANDOLT-REULEN Hook,
Bayonet-Shaped**

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



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

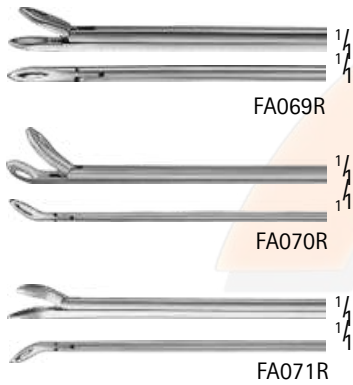
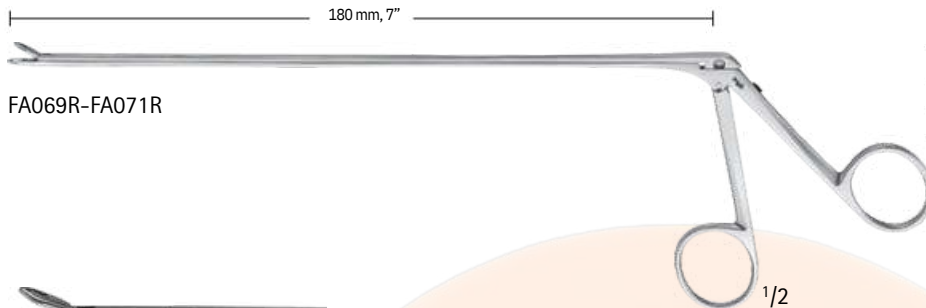
Catalog Number	Diameter (mm)	Working Length (in.)	Length (in.)
FA068R	2.0	5 1/8	11



NEUROSURGERY PITUITARY INSTRUMENTS

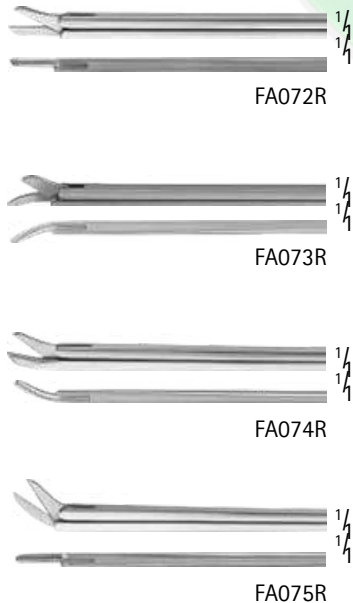
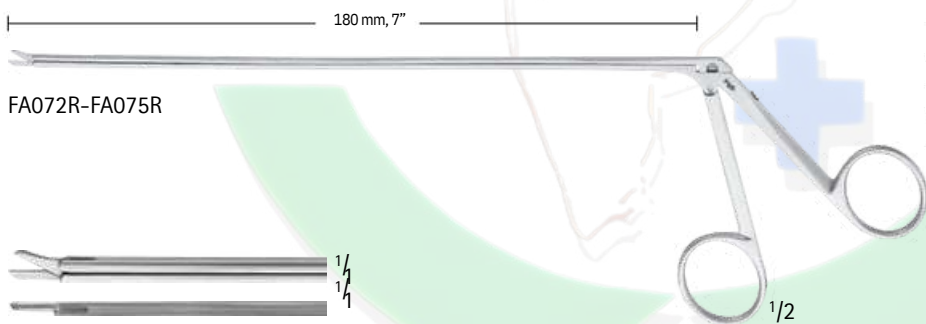
Micro Forceps

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



NEUROSURGERY PITUITARY INSTRUMENTS



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



NEUROSURGERY PITUITARY INSTRUMENTS

LANDOLT Spatula, Bayonet-Shaped

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



FF627R



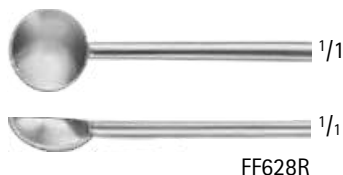
FF627R

LANDOLT Spoon, Bayonet-Shaped

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



FF628R



FF628R

NEUROSURGERY PITUITARY INSTRUMENTS

LANDOLT Hook, Blunt, Bayonet-Shaped

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



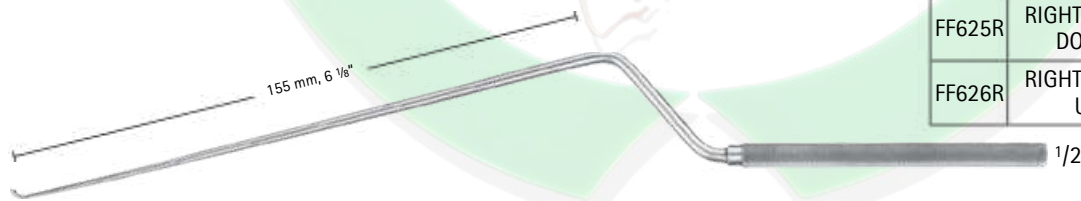
FF629R



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



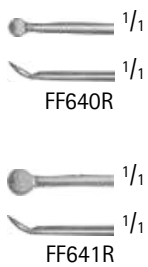
FF626R

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NEUROSURGERY PITUITARY INSTRUMENTS

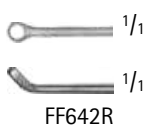
LANDOLT-REULEN Raspatory, Bayonet-Shaped

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



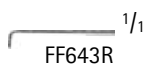
LANDOLT-REULEN Curette, Bayonet-Shaped

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



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



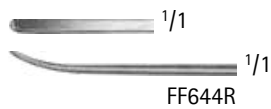
NEUROSURGERY PITUITARY INSTRUMENTS

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



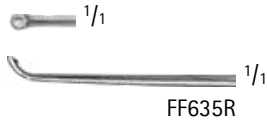
FF644R

FAHLBUSCH Spoon, Bayonet-Shaped

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



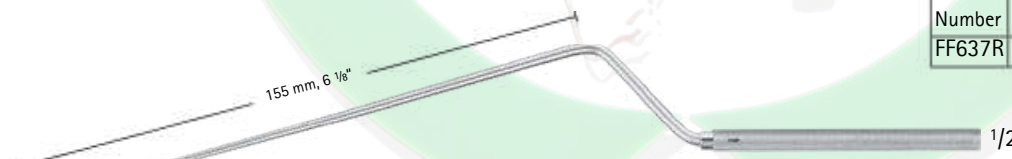
FF635R



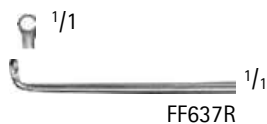
FF635R

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



FF637R

D'ERRICO Hypophyseal Forceps

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



MF410R



MF410R

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NEUROSURGERY PITUITARY INSTRUMENTS

NICOLA Modular Micro Scissors

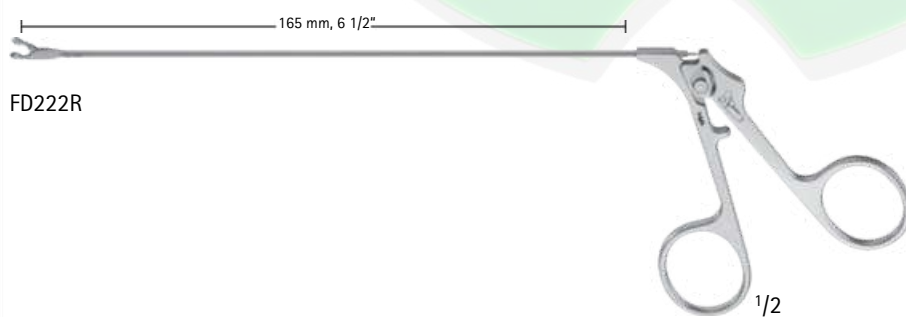
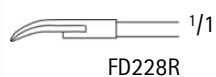
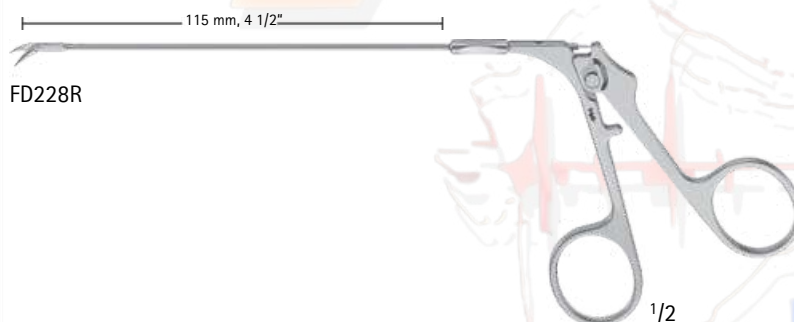
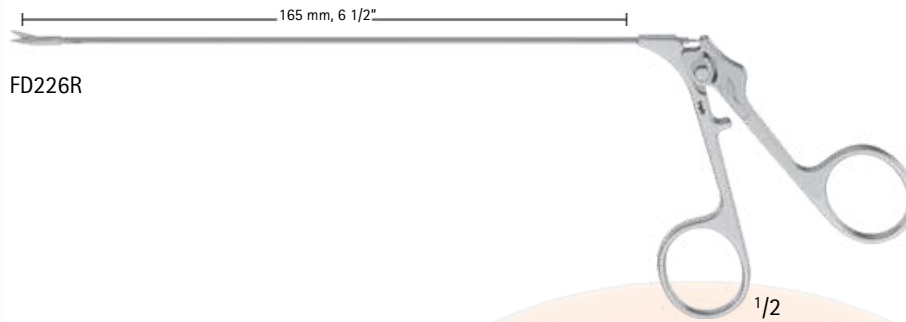
Catalog Number	Tip	Blade	Shaft	Working Length (in.)
FD226R	S/S	STR	TUBULAR	6 1/2

CASPAR Modular Micro Scissors

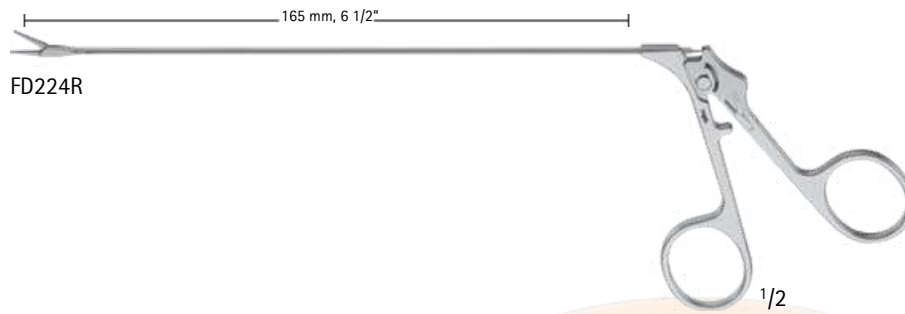
Catalog Number	Tip	Blade	Shaft	Working Length (in.)
FD228R	S/S	CVD	ROTATABLE 360°	4 1/2

NICOLA Modular Micro Forceps

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



NEUROSURGERY PITUITARY INSTRUMENTS



FD224R

YASARGIL-NICOLA Modular Micro Forceps

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



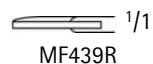
FD224R



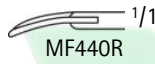
MF439R-MF441R

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



MF439R



MF440R



MF441R



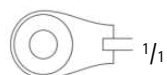
FF345R

LANDOLT Tumor Grasping Forceps

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



1/1

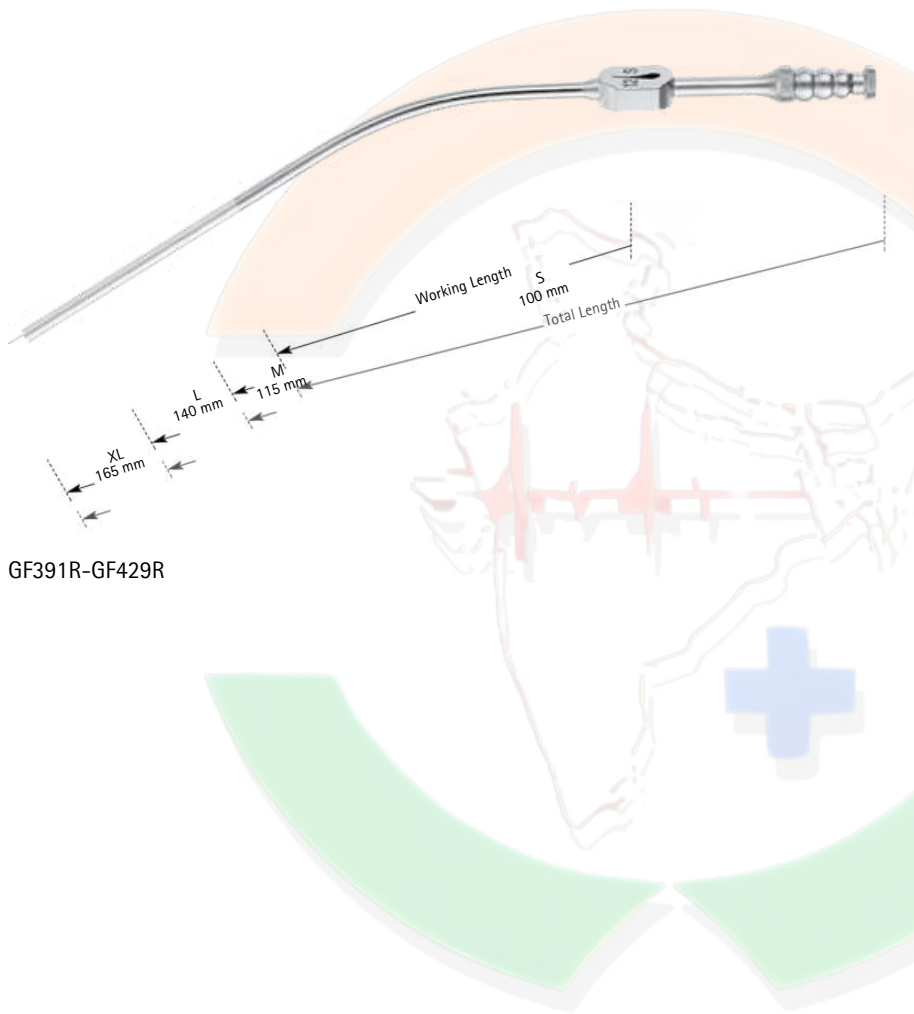


FF345R



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

NEUROSURGERY SUCTION CANNULAS



GF025B-GF059B



GF005B

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

Modular Thumb Control for MIN Suction Cannulas

Catalog Number	Description
GF005B	TEAR DROP SHAPED



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

Thumb Control for Modular Suction Tubes

Catalog Number	Shape
GF235R	TEARDROP SHAPED



GF240R-GF278R

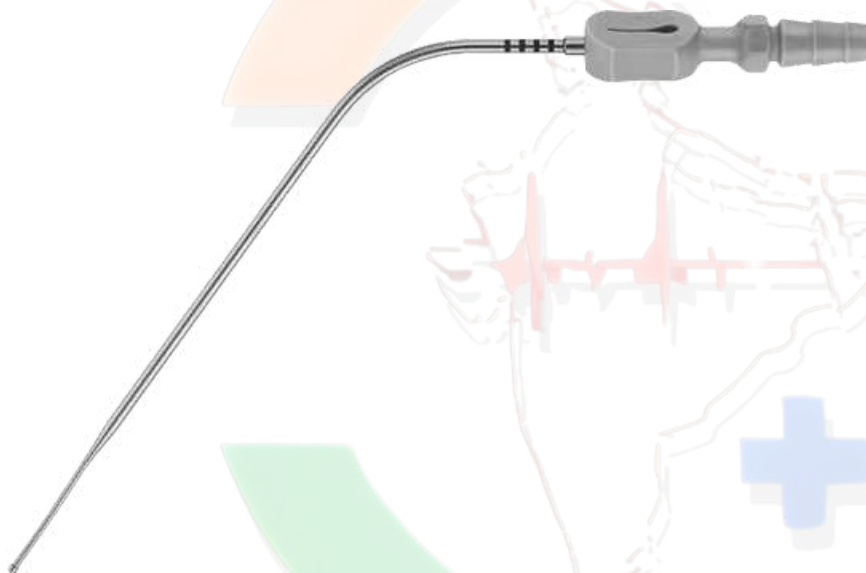


GF235R

NEUROSURGERY SUCTION CANNULAS

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

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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

MD540R-MD556R

MB565R

MB569R

MB583R

MB554R

1/2

1/2

1/2

1/2

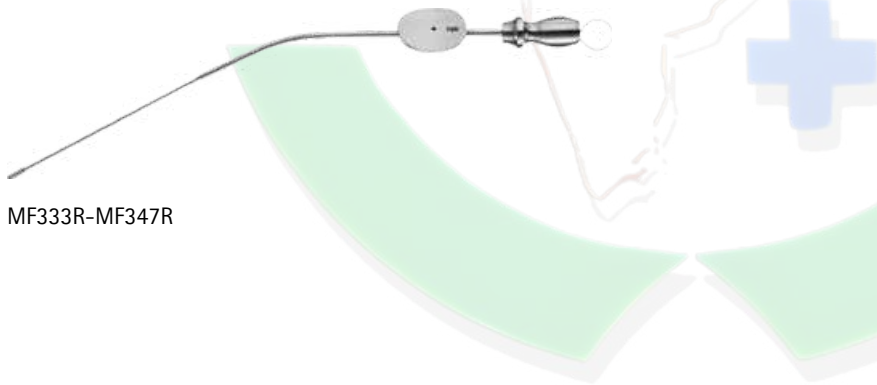
NEUROSURGERY SUCTION CANNULAS



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



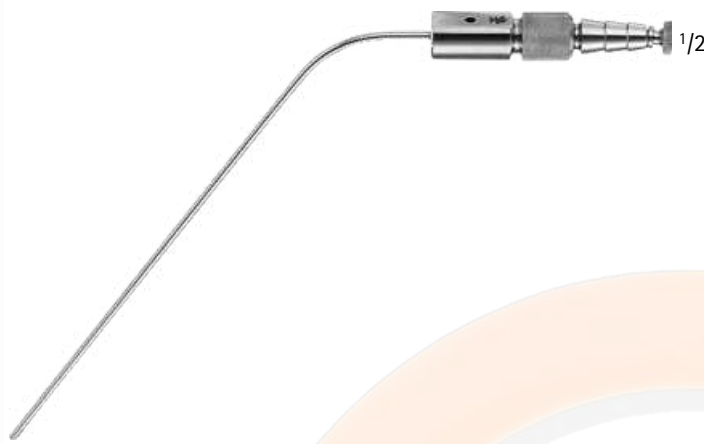
NEUROSURGERY SUCTION CANNULAS

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

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



MF133R-MF135R



MF479R-MF508R

NEUROSURGERY SUCTION CANNULAS

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

FERGUSON 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

MF489R-MF518R

GF350R-GF385R

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NEUROSURGERY SUCTION CANNULAS

ADSON Suction Tube

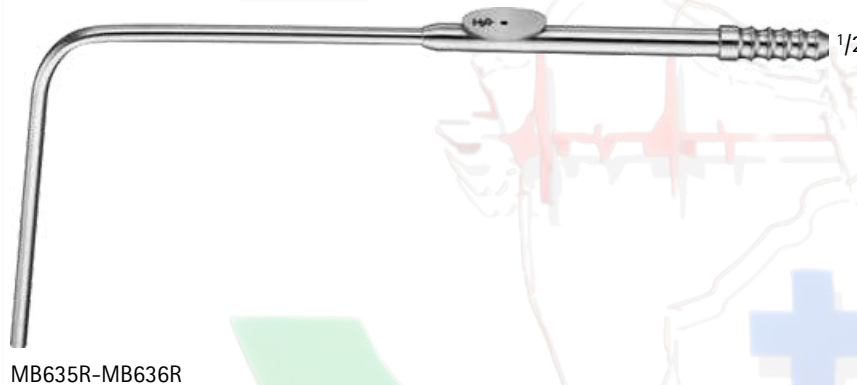
Catalog Number	Tip Size (mm)	Tip Size (FR)	Length (in.)
GF917R	4	11	7 1/2

SACHS Suction Tube

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



NEUROSURGERY SUCTION CANNULAS

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

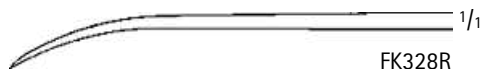
Catalog Number	Tip Size (mm)	Length (in.)
MF326R	7.0	7 1/4
MF327R	15.0	7 1/4
MF328R	20.0	7 1/4



FK328R



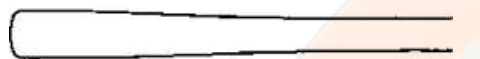
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FK328R



FK329R



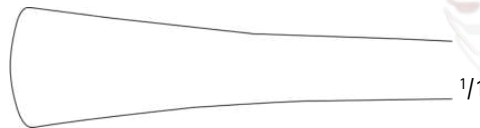
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FK329R



MF405R-MF406R



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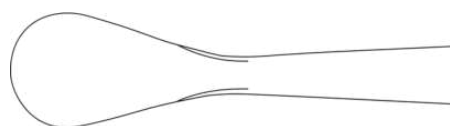
MF405R



MF406R



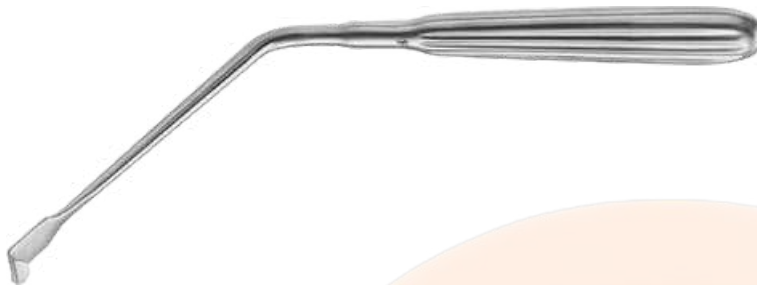
MF326R-MF328R



MF328R



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

NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS



FF700R



FF700R



FF701R-FF703R



MF401R



MF401R



MF402R-MF404R

LOVE Nerve Root Retractor

Catalog Number	Length (in.)
FF700R	8 1/4

LOVE Nerve Root Retractor

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

CUSHING Decompression Retractor

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

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



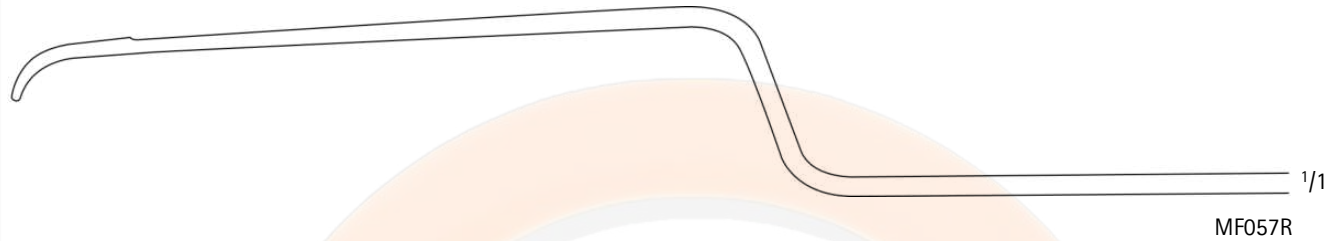
NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS



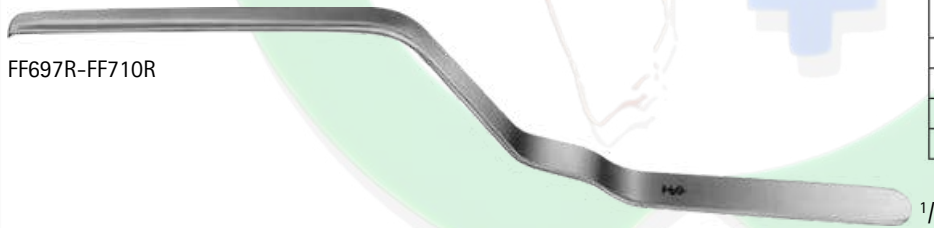
MF057R

1/2 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

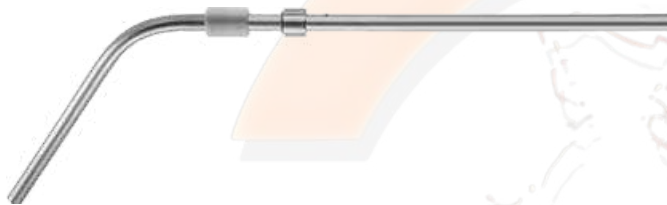
NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS



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

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

Catalog Number
FF284R

YASARGIL Flexible Arm

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

Support for Brain Spatula, F/ Flexible
Arm FF270R

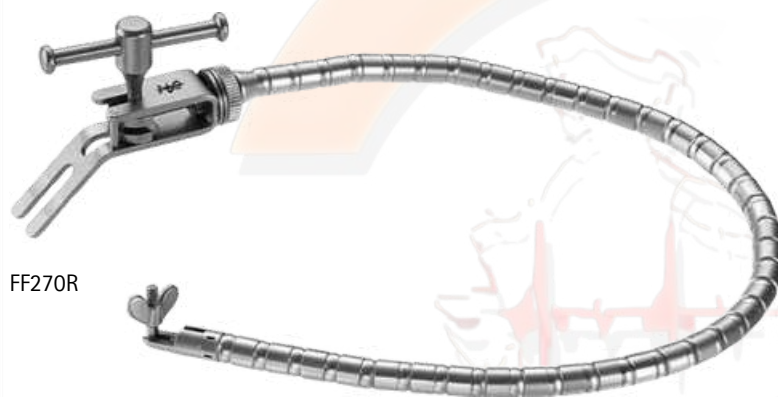
Catalog Number
FF273R

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

Catalog Number
FF274R



FF284R



FF270R



FF273R



FF274R

NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS



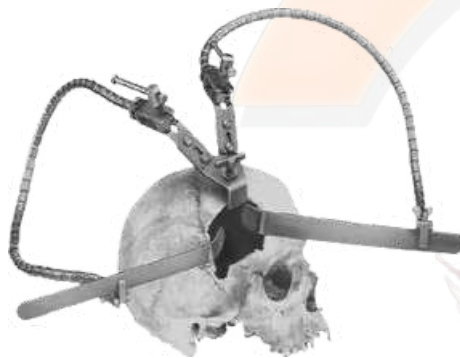
FF260R

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

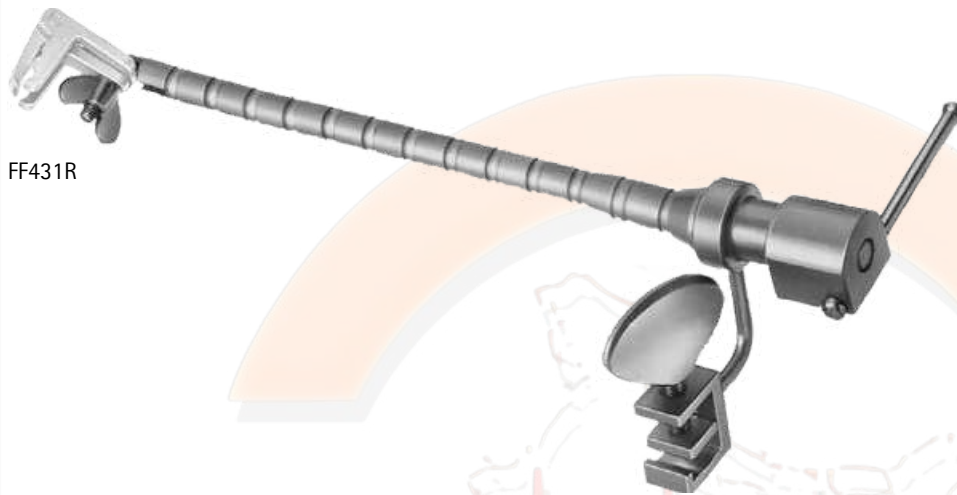


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NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS

NEW JERSEY Flexible Arm

Catalog
Number
FF431R



FF431R



FF151R



FF154R

FF153R

FF150R

FF152R

Table Attachment

Catalog Number	Compatible w/
FF151R	FF150R

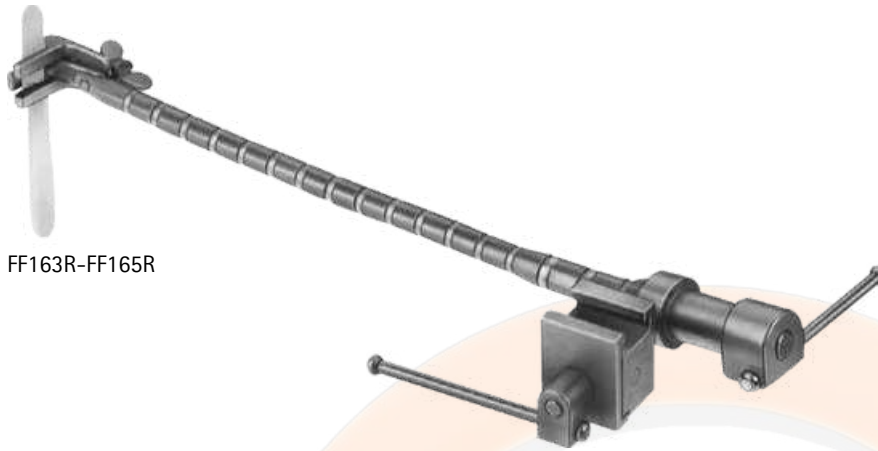
GILSBACH Basic Unit

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

NEUROSURGERY RETRACTORS AND HANDREST SYSTEMS



FF163R-FF165R

GILSBACH Flexible Arm

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



FF185R

Forceps Holder

Catalog Number	Compatible w/
FF185R	FF153R



FF187R

GILSBACH Handrest, Adjustable Height

Catalog Number	Compatible w/
FF187R	FF153R



NEUROSURGERY 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

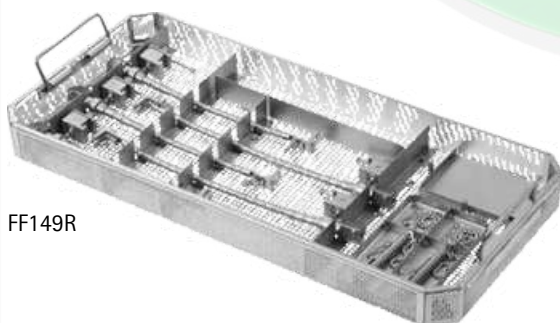
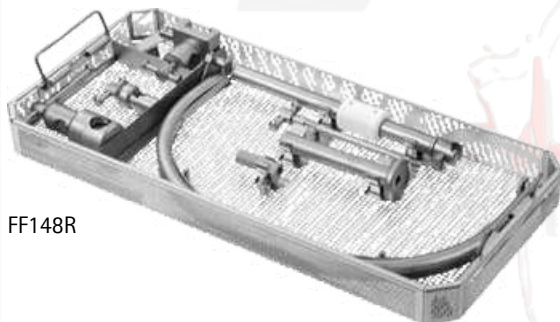
FF191R Connection Piece is compatible with FF152R, FF191R and FF285R holding rods

Storage Basket for GILSBACH Basic Unit

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

Storage Basket for GILSBACH Flexible Arms

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



NEUROSURGERY BRAIN SPATULAS



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

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

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

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

OLIVECRONA Brain Spatula, Flat, Malleable

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



FF441R-FF446R



FF201R-FF222R



FF211R-FF214R



FF216R-FF217R

NEUROSURGERY BRAIN SPATULAS



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



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