ALIS PRO

ENT NASAL



- Scissors
- Needle Holders and Cases
- Ligature Needles
- Forceps and Clamps
- Skin Hooks
- Retractors Universal Ring Retractor System
- Self Retaining Retractors
- Rectal Specula Instruments
- Probes, Dilators and Scoops
- Scalpel Blades and Handles
- Amputation and Autopsy Instruments
- Suction Instruments
- Rulers, Calipers and Accessories Metal
- Bowls and Cups

351

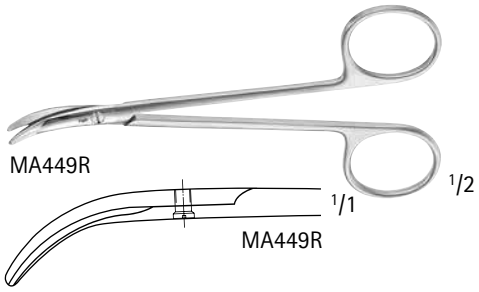
CATALOGUE

ENT-NASAL

Scissors

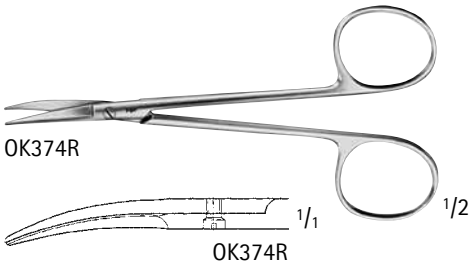
CINELLI LOWER LATERAL SCISSORS

Catalog Number	Blade	Length (in.)
MA449R	STRONG CVD	4 3/8



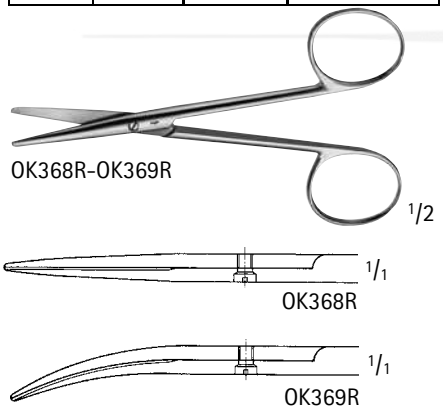
COTTLE BULLDOG SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK374R	B/B	CVD	4 1/2



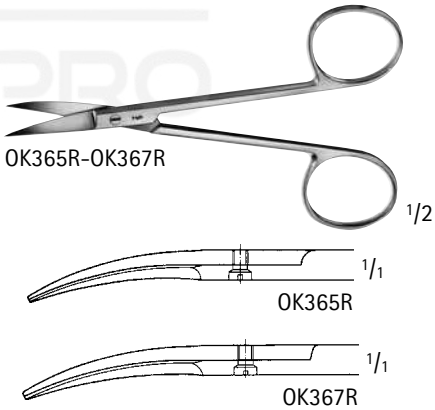
COTTLE-KNAPP PLASTIC SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK368R	B/B	STR	4 1/8
OK369R	B/B	CVD	4 1/8



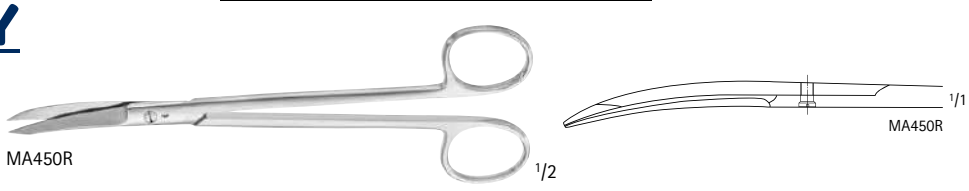
COTTLE-MASING PLASTIC SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK365R	S/S	CVD	4 1/8
OK367R	B/B	CVD	4 1/8



DAVIS RHYTIDECTOMY SCISSORS

Catalog Number	Blade	Length (in.)
MA450R	CVD	6 3/4



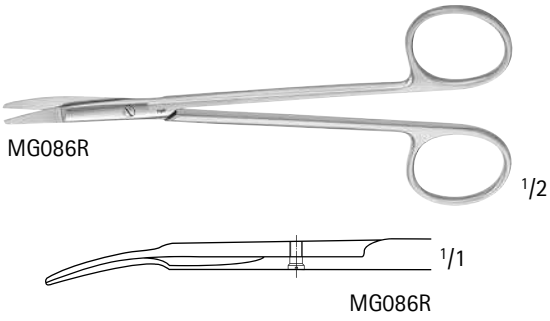
info@royalinternational.org | +91 98142 62255 | www.alis.in

ENT-NASAL

Scissors

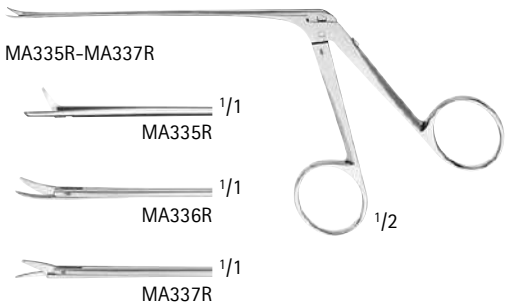
RHINOPLASTY SCISSORS

Catalog Number	Tip	Blade	Length (in.)
MG086R	B/B	FLAT, CVD	5 1/4



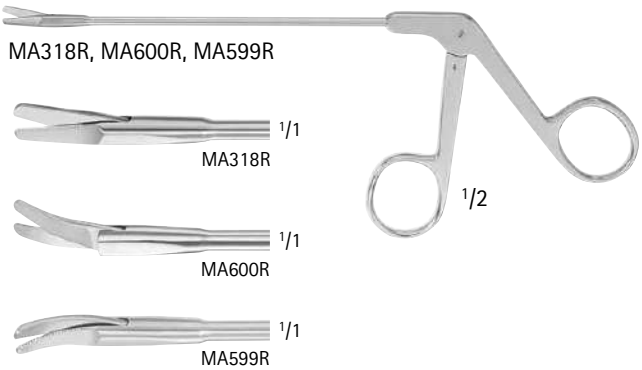
NASAL SCISSORS, PEDIATRIC

Catalog Number	Blade	Blade Size (mm)	Length (in.)
MA335R	STR	6	4
MA336R	CVD-RIGHT	5.5	4
MA337R	CVD-LEFT	5.5	4



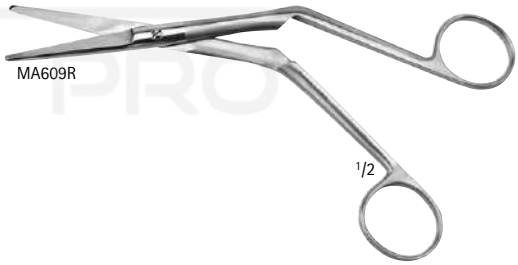
NASAL SCISSORS, ADULT

Catalog Number	Blade	Blade Size (mm)	Working Length (in.)
MA318R	STR	11	5 1/8
MA600R	RIGHT	11	5 1/8
MA599R	LEFT	11	5 1/8



LAKESIDE NASAL SCISSORS

Catalog Number	Blade	Length (in.)
MA609R	STR	7 1/4



HEYMANN NASAL SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK351R	B/B	STR	7 1/2



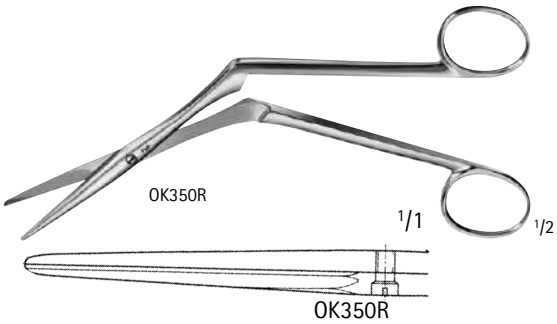
info@royalinternational.org | +91 98142 62255 | www.alis.in

ENT-NASAL

Scissors

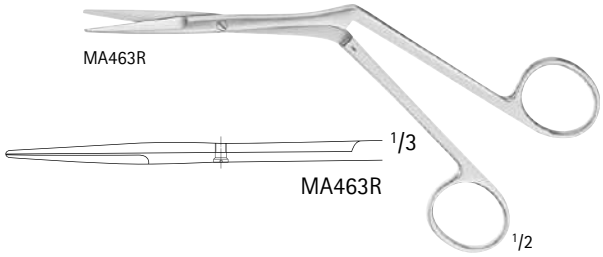
HEYMANN-KNIGHT NASAL SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK350R	B/B	STR	6 7/8



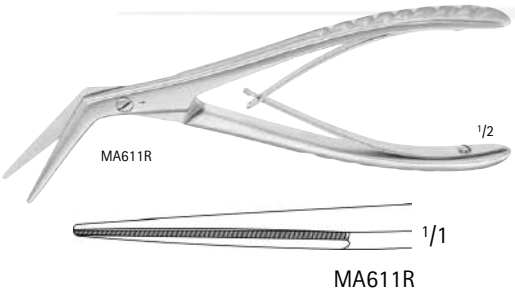
KNIGHT NASAL SCISSORS, LIGHTWEIGHT, DELICATE

Catalog Number	Blade	Tip	Length (in.)
MA463R	STR	DEL	6 3/8



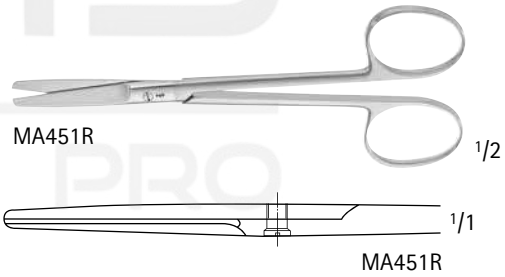
JACKSON NASAL BONE SCISSORS

Catalog Number	Blade	Length (in.)
MA611R	ANG	8 1/2



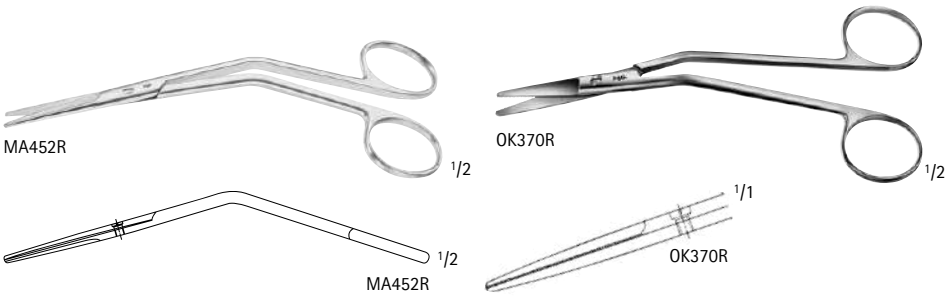
DORSAL SCISSORS

Catalog Number	Tip	Blade	Length (in.)
MA451R	BLUNT	STR	4 3/4



FOMON DORSAL SCISSORS

Catalog Number	Tip	Blade	Handle	Length (in.)
MA452R	B/B	SERR	ANG	5 3/4
OK370R	B/B	SERR	ANG	5 3/4

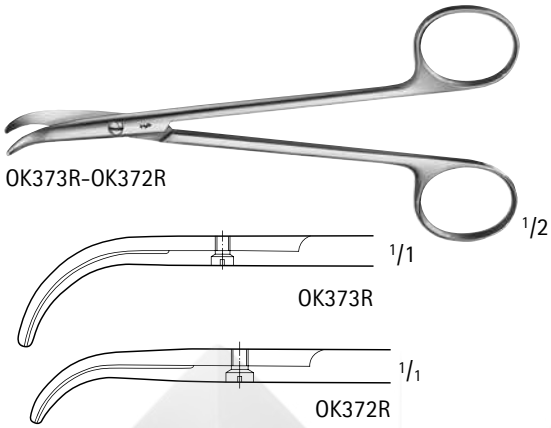


ENT-NASAL

Scissors

FOMON LOWER LATERAL SCISSORS

Catalog Number	Tip	Blade	Length (in.)
OK373R	B/B	HEAVY-CVD	4 1/2
OK372R	B/B	HEAVY-CVD	5 1/4



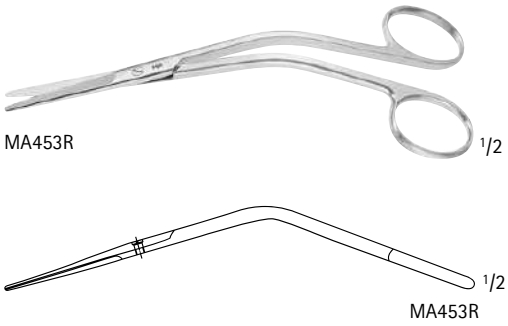
FOMON SABER-BACK SCISSORS

Catalog Number	Tip	Blade	Length (in.)
MB140R	B/B	CVD, SERR	5



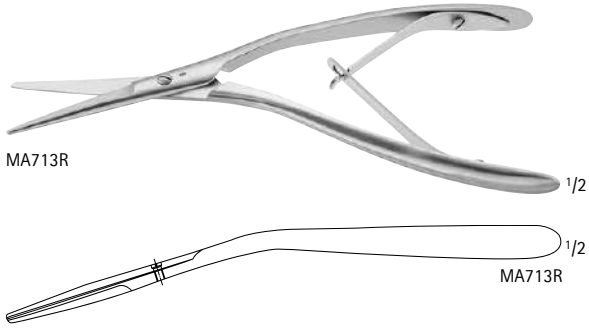
GOLDMAN SEPTUM SCISSORS

Catalog Number	Blade	Length (in.)
MA453R	STR, SERR	5 3/4



COTTLE SEPTUM SCISSORS

Catalog Number	Blade	Length (in.)
MA713R	HEAVY, ANG	7 1/2

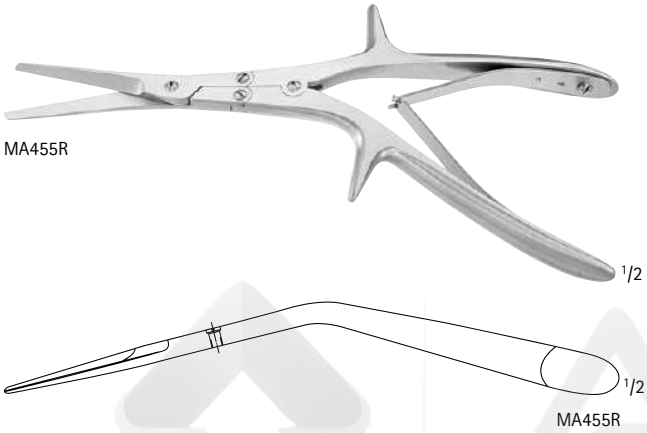


ENT-NASAL

Scissors

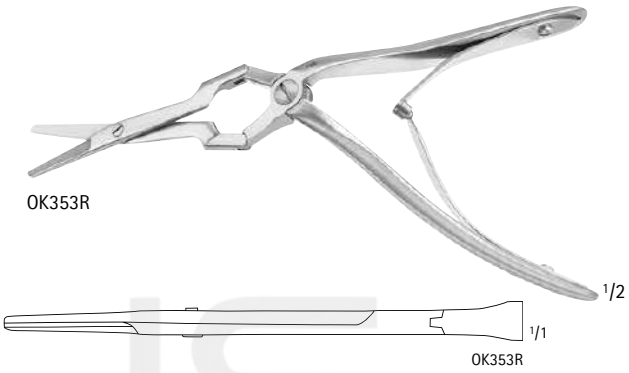
GORNEY TURBINATE SCISSORS, DOUBLE ACTION

Catalog Number	Jaw	Length (in.)
MA455R	SERR	8



BECKER SEPTUM SCISSORS, DOUBLE JOINT

Catalog Number	Blade	Length (in.)
OK353R	SERR	7



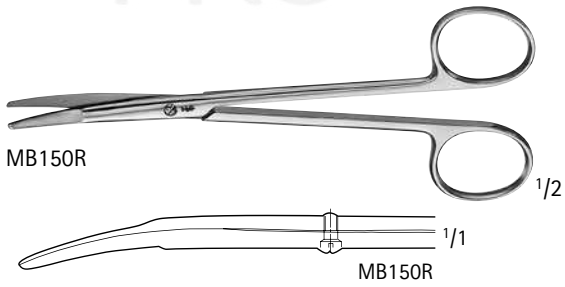
MARTIN CARTILAGE SCISSORS

Catalog Number	Blade	Length (in.)
MB147R	CVD, SERR	8



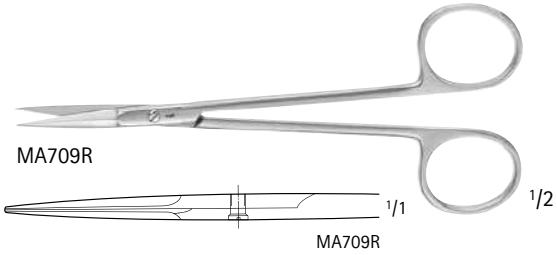
METZENBAUM-LIPSETT SCISSORS

Catalog Number	Tip	Blade	Length (in.)
MB150R	B/B	CVD	5 1/2



PECK-JOSEPH SCISSORS

Catalog Number	Blade	Tip Size (mm)	Length (in.)
MA709R	STR, SHARP	42	5 3/4

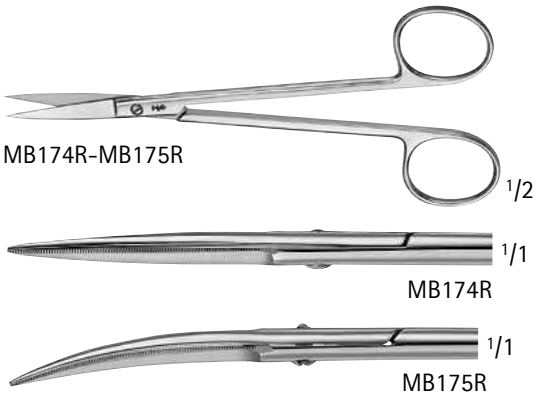


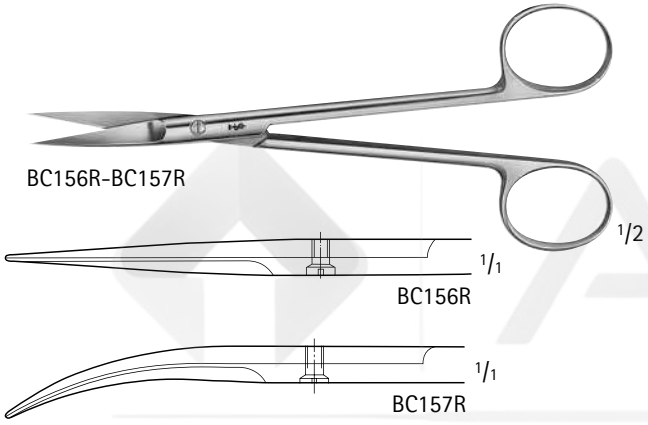
ENT-NASAL

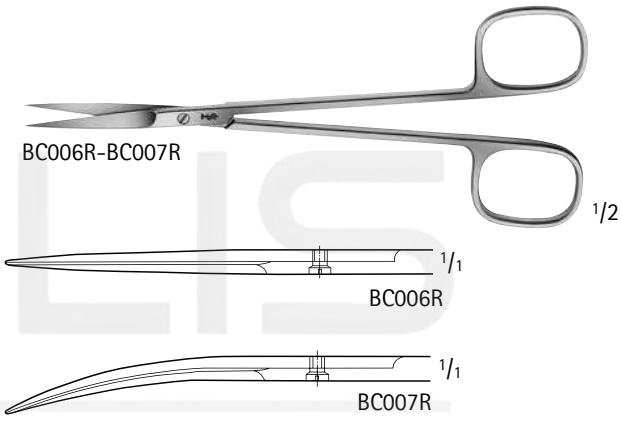
Scissors

JOSEPH SCISSORS, DELICATE

Catalog Number	Tip	Blade	Handle	Length (in.)
MB174R	S/S	STR, SERR	ROUND	5 1/2
MB175R	S/S	CVD, SERR	ROUND	5 1/2
BC156R	S/S	STR	ROUND	6
BC157R	S/S	CVD	ROUND	6
BC006R	S/S	STR	SQUARE	6
BC007R	S/S	CVD	SQUARE	6

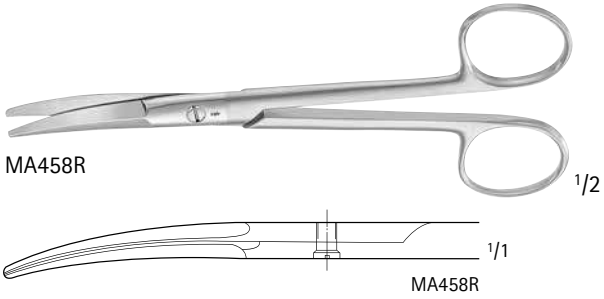


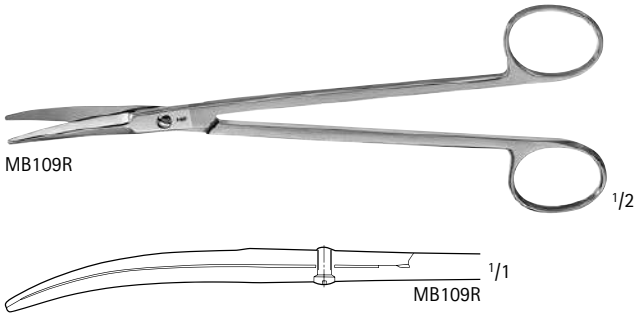




KAYE FACELIFT SCISSORS

Catalog Number	Tip	Blade	Length (in.)
MA458R	SEMI-SHARP	CVD, SERR	6
MB109R	SEMI-SHARP	CVD, SERR	7 1/2





ENT-NASAL

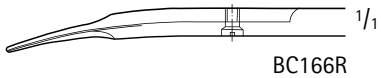
Scissors

KILNER SCISSORS

Catalog Number	Tip	Blade	Length (in.)
BC166R	FLAT	CVD	5
BC168R	FLAT	CVD	6

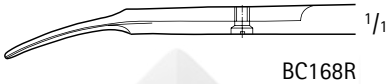


BC166R-BC168R 1/2



1/1

BC166R

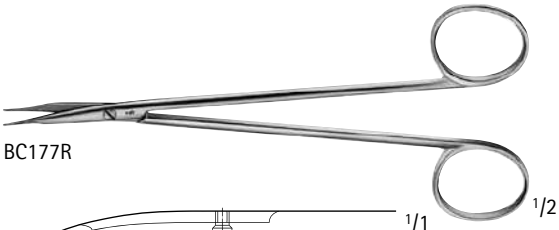


1/1

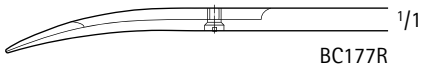
BC168R

JAMESON TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
BC177R	B/B	CVD	6



BC177R 1/2

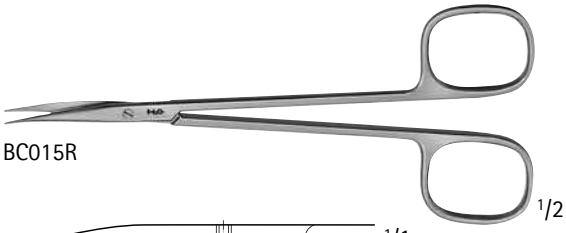


1/1

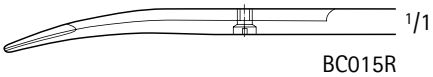
BC177R

REYNOLDS-JAMESON TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Handle	Length (in.)
BC015R	B/B	CVD	SQUARE	5 1/2



BC015R 1/2



1/1

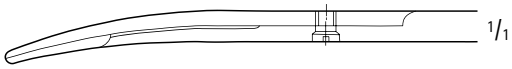
BC015R

REYNOLDS TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
BC180R	B/B	CVD	5 3/4
BC181R	B/B	CVD	6 7/8

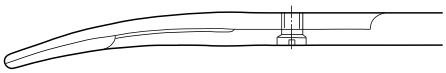


BC180R-BC181R



1/1

BC180R



1/1

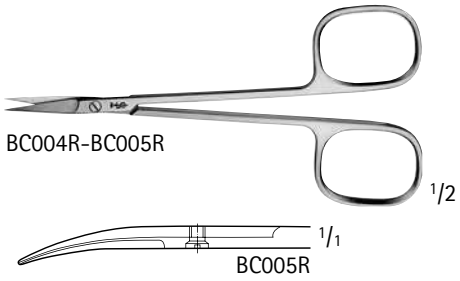
BC181R

ENT-NASAL

Scissors

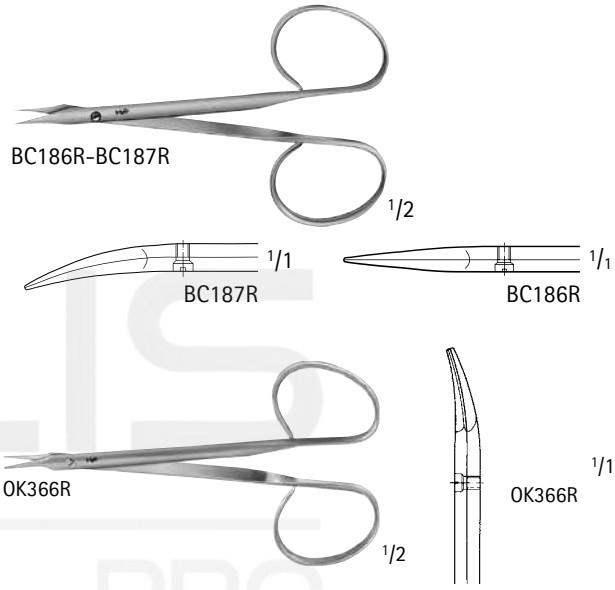
IRIS SCISSORS, DELICATE

Catalog Number	Tip	Blade	Handle	Length (in.)
BC004R	S/S	STR	SQUARE	4 1/2
BC005R	S/S	CVD	SQUARE	4 1/2

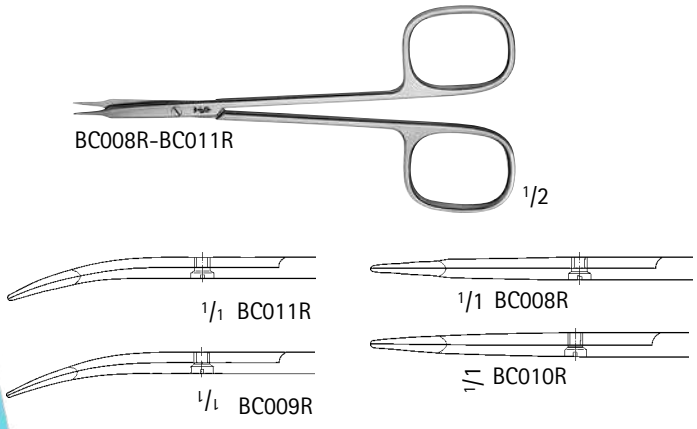


STEVENS TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Handle	Length (in.)
BC186R	S/S	STR	RIBBON	4
BC187R	S/S	CVD	RIBBON	4
OK366R	B/B	CVD	RIBBON	4 1/4



STEVENS TENOTOMY SCISSORS, DELICATE



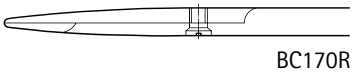
ENT-NASAL

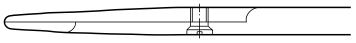
Scissors

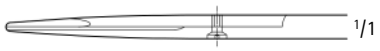
STEVENS TENOTOMY SCISSORS

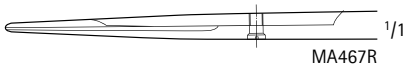
Catalog Number	Tip	Blade	Handle	Length (in.)
BC170R	S/S	STR	ROUND	4 1/4
BC172R	B/B	STR	ROUND	4 1/4
BC194R	B/B	STR	ROUND	5
MA467R	B/B	STR	ROUND	5 3/4
BC171R	S/S	CVD	ROUND	4 1/4
BC173R	B/B	CVD	ROUND	4 1/4
BC195R	B/B	CVD	ROUND	5
MA466R	B/B	CVD	ROUND	5 3/4


BC170R-MA467R

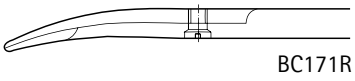

1/1 BC170R

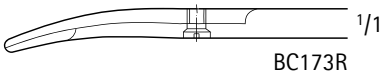

1/1 BC172R

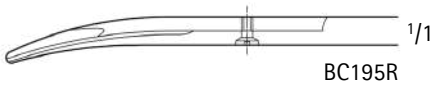

1/1 BC194R

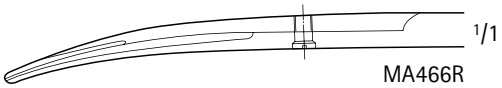

1/1 MA467R


BC171R-MA466R


1/1 BC171R


1/1 BC173R

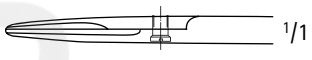

1/1 BC195R


1/1 MA466R

STEVENS TENOTOMY SCISSORS

Catalog Number	Tip	Blade	Handle	Weight	Length (in.)
MA470R	B/B	STR	RIBBON	LIGHT	3 3/4
MA468R	B/B	STR	RIBBON	HEAVY	3 7/8
MA469R	B/B	CVD	RIBBON	HEAVY	3 3/4


MA470R 1/2


1/1 MA470R


MA468R 1/2

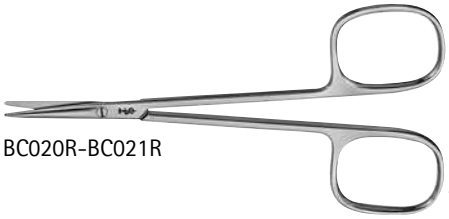

1/1 MA468R


MA469R 1/2

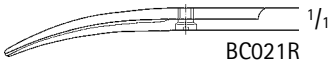

1/1 MA469R

STRABISMUS SCISSORS, DELICATE

Catalog Number	Tip	Blade	Handle	Length (in.)
BC020R	B/B	STR	SQUARE	4 1/2
BC021R	B/B	CVD	SQUARE	4 1/2


BC020R-BC021R 1/2


1/1 BC020R

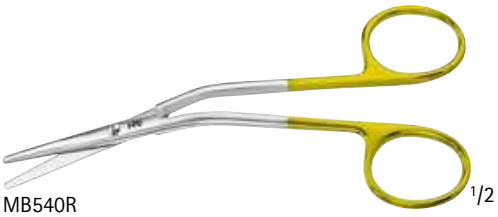

1/1 BC021R

ENT-NASAL

DUROTIP™ TC Scissors

DUROTIP TC FOMON DORSAL SCISSORS

Catalog Number	Tip	Blade Angle	Length (in.)
MB540R	B/B	30°	5 1/4

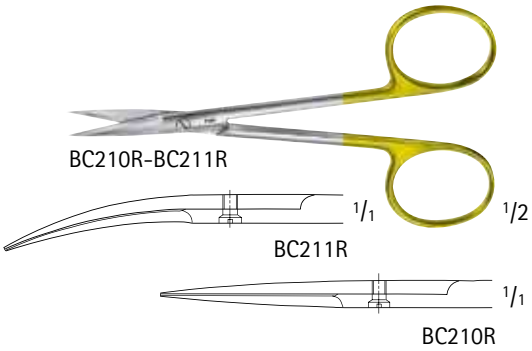




Wavecut Wavecut scissors have one serrated cutting edge to prevent tissue from slipping. The W after the catalog number indicates the scissors are the wavecut style, e.g. BC211W.

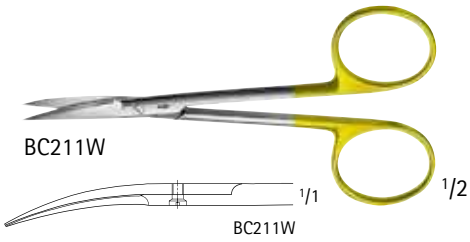
DUROTIP TC IRIS SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
BC210R	S/S	STR	4 1/4
BC211R	S/S	CVD	4 1/4



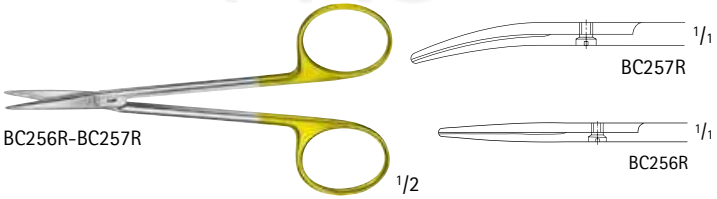
DUROTIP TC IRIS SCISSORS, WAVECUT

Catalog Number	Tip	Blade	Length (in.)
BC211W	S/S	CVD	4 1/4



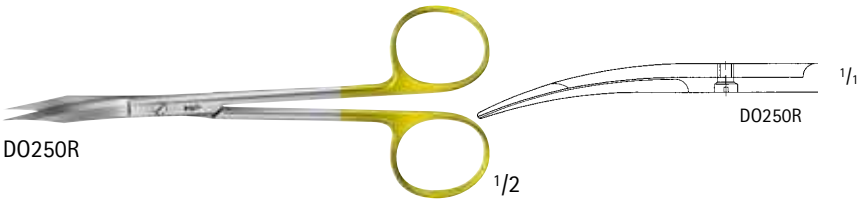
DUROTIP TC STRABISMUS SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
BC256R	B/B	STR	4 1/2
BC257R	B/B	CVD	4 1/2



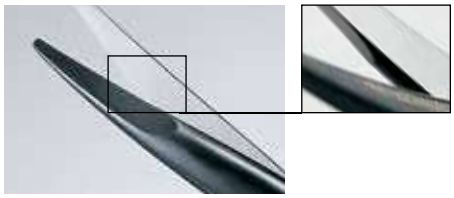
DUROTIP TC GOLDMAN-FOX TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
DO250R	S/S	CVD, 1/SERR	5 1/8

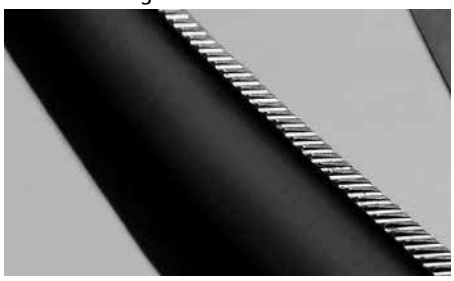


ENT-NASAL

NOIR™ Supreme Cut Scissors



Microtome Edge



Wavecut

Noir Supreme Cut Scissors

- Noir

The combination of the renowned Aesculap Tungsten Carbide technology with the Aesculap Noir coating results in an extremely high surface hardness and therefore high wear resistance in daily hospital use.

- Microtome edge

The extremely sharp cutting edge of the scissors blade facilitates gentle cutting of tissue with minimal use of force.

- Wavecut helps prevent tissue from slipping out during the cutting process.
- The WB after the catalog number indicates the Noir scissors are the wavecut style, e.g.

For more information about Noir Supreme Cut Scissors see our brochure number **DOC637**.

DUROTIP TC GOLDMAN-FOX TENOTOMY SCISSORS, DELICATE

Catalog Number	Tip	Blade	Length (in.)
BC259B	B/B	CVD	5 3/4
BC259WB	B/B	CVD	5 3/4



BC259B-BC259WB

1/2

1/1

BC259B-BC259WB

NOIR STRABISMUS DISSECTING SCISSORS

Catalog Number	Tip	Blade	Length (in.)
BC257B	B/B	CVD	4 1/2
BC257WB	B/B	CVD	4 1/2



BC257B-BC257WB

1/2

1/1

BC257B-BC257WB

ENT-NASAL

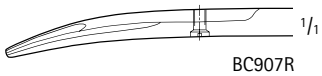
SuperCut Scissors

STEVENS SUPERCUT SCISSORS

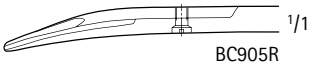
Catalog Number	Tip	Tip Size (mm)	Blade	Length (in.)
BC904R	B/B	12	STR	4 1/8
BC906R	B/B	13	STR	4 1/4
BC905R	B/B	12	CVD	4 1/8
BC907R	B/B	13	CVD	4 1/4

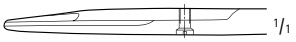

BC905R, BC907R


BC904R, BC906R


1/1 BC907R


1/1 BC904R


1/1 BC905R


1/1 BC906R

FOMON SUPERCUT SCISSORS

Catalog Number	Tip	Blade	Length (in.)
BC939R	B/B	CVD	4 1/2


BC939R 1/2


1/1 BC939R

ENT-NASAL

Trocars and Needles

SEPTUM NEEDLE

Catalog Number	Tip	Size	Length (in.)
MA601R	ANG	22	5 3/8


MA601R 1/2

SEPTUM NEEDLE W/ LUER LOCK, ATTACHMENT

Catalog Number	Tip Size (mm)	Length (in.)
SF812R	DIAM. 0.8	3 1/2

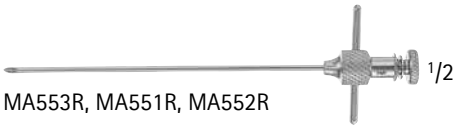

SF812R 1/2

ENT-NASAL

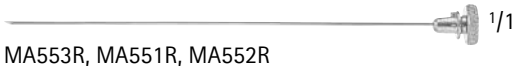
Trocars and Needles

ANTRUM TROCAR NEEDLE

Catalog Number	Tip	Size	Length (in.)
MA553R	BEVELED STYLET	14 GA	4 1/4
MA551R	BEVELED STYLET	16 GA	4 1/4
MA552R	BEVELED STYLET	18 GA	4 1/4



MA553R, MA551R, MA552R 1/2



MA553R, MA551R, MA552R 1/1

COAKLEY ANTRUM TROCAR, WITH IRRIGATION EXTENSION

Catalog Number	Length (in.)
MA554R	6 1/4



MA554R 1/2



MA554R 1/1

OCHSNER TROCAR

Catalog Number	Tip Size (FR)	Length (in.)
MG100R	10	6
MG101R	12	6
MG102R	14	6
MG103R	16	6
MG104R	18	6
MG105R	20	6
MG106R	22	6
MG107R	24	6
MG108R	26	6
MG109R	27	6
MG110R	28	6



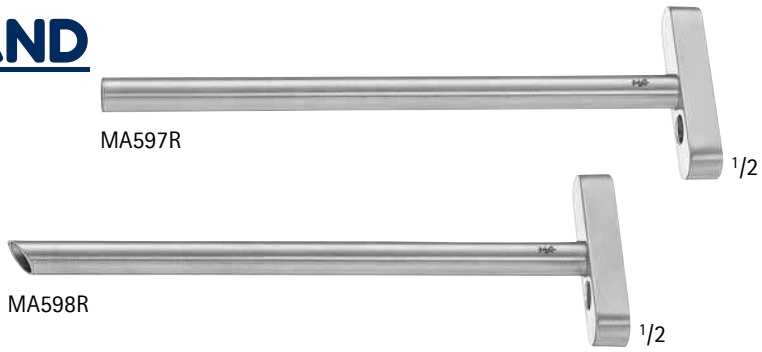
MG100R-MG110R 1/2

ENT-NASAL

Trocars and Needles

SINOSCOPY TROCAR AND CANNULA

Catalog Number	Tip Size (mm)	Length (in.)
MA597R	4	6 1/2
MA598R	5	6 1/2

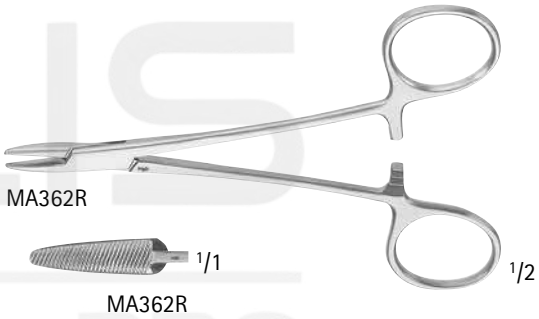


ENT-NASAL

Needle Holders

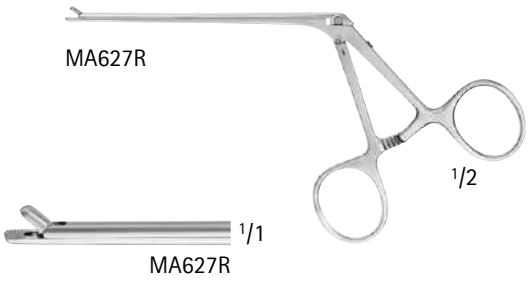
BROWN NEEDLE HOLDER, HEAVY

Catalog Number	Tip Size (mm)	Jaw	Length (in.)
MA362R	13	SERR	5 1/4



SOFFERMAN NEEDLE HOLDER

Catalog Number	Tip Size (mm)	Jaw	Working Length (in.)
MA627R	5	STR, SERR	3 5/8



ENT-NASAL

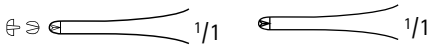
Forceps- Tissue/Dressing/ Sponge

CALLISON-ADSON TISSUE FORCEPS, W/ PLATFORM

Catalog Number	Teeth	Length (in.)
MA537R	1 x 2	5



MA537R



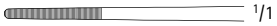
MA537R

JANSEN BAYONET FORCEPS

Catalog Number	Tip	Length (in.)
BD880R	SERR	6 1/4
MB236	SERR	6 1/2



BD880R, MB236



BD880R



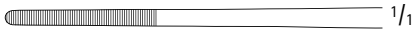
MB236

GRUENWALD BAYONET FORCEPS

Catalog Number	Tip	Length (in.)
BD883R	SERR	7 7/8



BD883R



BD883R

LUCAE BAYONET FORCEPS

Catalog Number	Tip	Teeth	Length (in.)
BD879R	SMOOTH	1 x 2	5 1/2
BD878R	SERR	-	5 1/2
MA331R	SERR	-	6 3/8
MA070R	DEL, SERR	-	5 3/4



BD879R-BD878R



MA070R



BD879R



BD878R



MA331R



MA331R



MA070R

JACOBSON FORCEPS

Catalog Number	Tip	Length (in.)
MA615R	SMOOTH, SHARP	6 1/4



MA615R



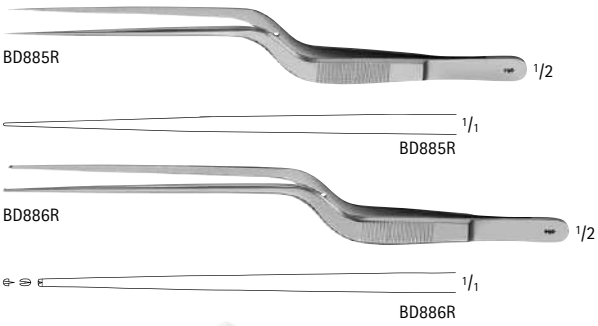
MA615R

ENT-NASAL

Forceps- Tissue/Dressing/ Sponge

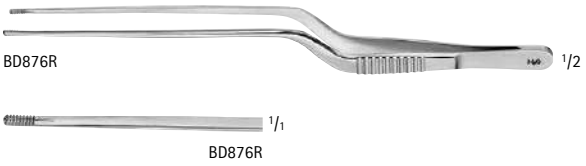
BAYONET FORCEPS

Catalog Number	Tip	Teeth	Length (in.)
BD885R	SMOOTH	-	7 1/4
BD886R	SMOOTH	1 x 2	7 7/8



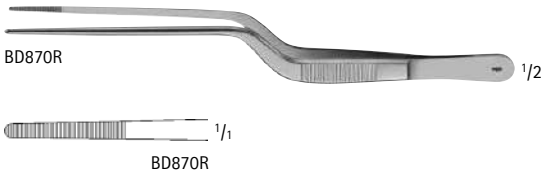
BROWN-BAHNSON BAYONET FORCEPS

Catalog Number	Tip	Length (in.)
BD876R	SERR	6 1/8



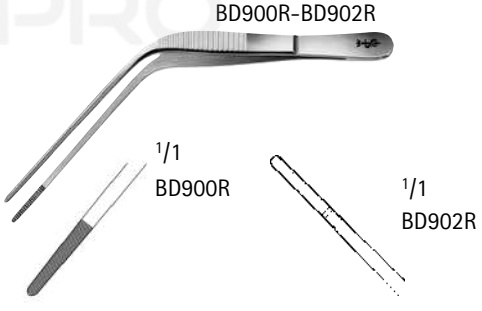
ADSON BAYONET FORCEPS

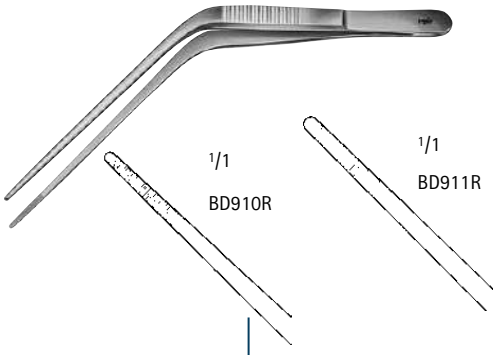
Catalog Number	Tip	Length (in.)
BD870R	SERR	6 7/8



TROELTSCH BAYONET FORCEPS

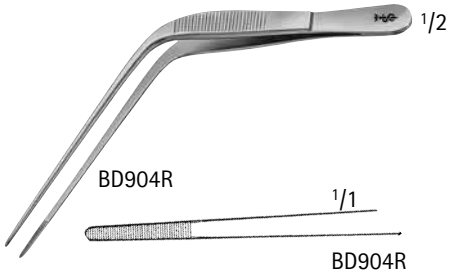
Catalog Number	Tip	Length (in.)
BD900R	ANG/SERR	4
BD902R	ANG/SERR	4 1/2
BD910R	ANG/SERR	5 1/2
BD911R	ANG/SERR	6 3/4





WILDE FORCEPS

Catalog Number	Tip	Length (in.)
BD904R	ANG/SERR	4 1/2



ENT-NASAL

Forceps- Tissue/Dressing/ Sponge

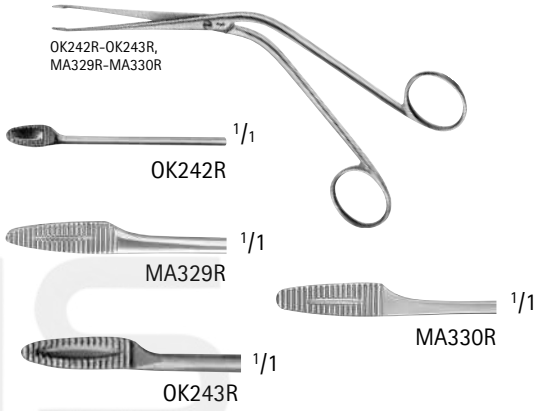
HARTMANN ALLIGATOR FORCEPS

Catalog Number	Tip	Length (in.)
OK245R	ANG/SERR	7 1/2



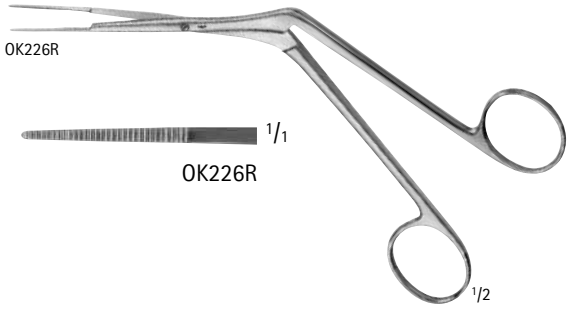
HARTMANN NASAL DRESSING FORCEPS

Catalog Number	Length (in.)
OK242R	6 7/8
MA329R	7
OK243R	7 7/8
MA330R	8 1/2



WEST NASAL DRESSING FORCEPS

Catalog Number	Tip	Length (in.)
OK226R	SERR	7 7/8



COTTLE COLUMELLA CLAMP, W/ FIXATION SCREW

Catalog Number	Length (in.)
OL010R	4



FERRIS-SMITH FRAGMENT FORCEPS

Catalog Number	Tip Size (mm)	Working Length (in.)	Length (in.)
MA671R	8.2 x 6	4 1/4	7 7/8



ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

OSTRUM ANTRUM BACKBITING PUNCH FORCEPS

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)	Length (in.)
MA555R	3 x 7	STR	4 1/4	7 3/4
MA556R	3 x 7	ANG-LEFT	4 1/4	7 3/4
MA557R	3 x 7	ANG-RIGHT	4 1/4	7 3/4





MA556R



MA557R



MA555R

BRUENINGS SEPTUM FORCEPS

Catalog Number	Size	Length (in.)
OK440R	SMALL	7 1/2
OK441R	MEDIUM	7 1/2
OK442R	LARGE	7 1/2
OK443R	X-LARGE	7 1/2





OK440R



OK442R



OK441R

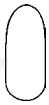


OK443R

HEYMANN-KNIGHT SEPTUM FORCEPS

Catalog Number	Jaw	Length (in.)
OK422R	OVAL	7 1/2





OK422R

GRUENWALD NASAL FORCEPS

Catalog Number	Tip Size (mm)	Tip Size (#)	Working Length (in.)	Length (in.)
MA325R	2.5 x 9	1	4	7 1/4
MA326R	3 x 10	2	4	7 1/4
MA327R	3.5 x 11	3	4	7 1/4
MA328R	3.5 x 10	3	4	7 1/4





MA325R



MA327R



MA326R



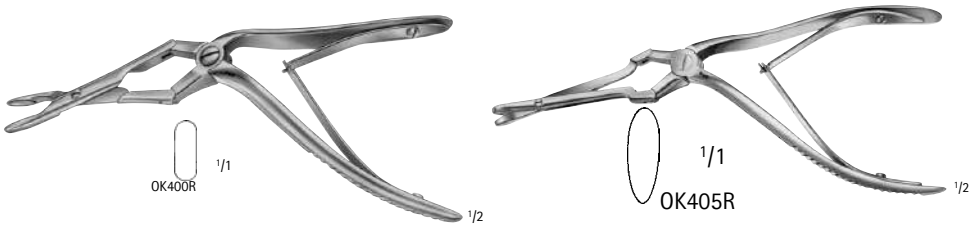
MA328R

ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

JANSEN-MIDDLETON SEPTUM FORCEPS

Catalog Number	Jaw	Length (in.)
OK400R	SPOON	7 7/8
OK405R	THRU-CUT	8 1/4



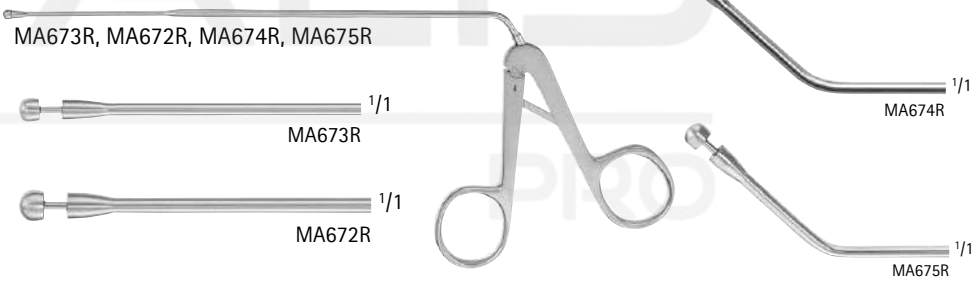
GRUENWALD-HENKE NASAL THRU-CUT RONGEUR

Catalog Number	Jaw	Working Length (in.)
OK612R	SMALL	4 3/4
OK613R	LARGE	4 3/4



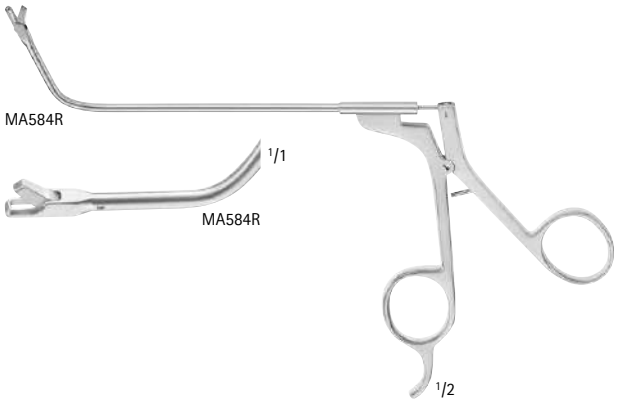
STAMMBERGER CIRCULAR PUNCH FORCEPS

Catalog Number	Tip	Tip Size (mm)	Working Length (in.)	Length (in.)
MA673R	STR	3.5	7 1/2	9 3/4
MA672R	STR	4.5	7 1/2	9 3/4
MA674R	70° UP	3.5	7 1/4	9 5/8
MA675R	70° UP	4.5	7 1/4	10 1/4



GIRA E THRU-CUT SINUS FORCEPS

Catalog Number	Jaw	Cup Size (mm)	Working Length (in.)
MA584R	ANG 70° VERTICAL CUTTING	3 x 6	4 3/4

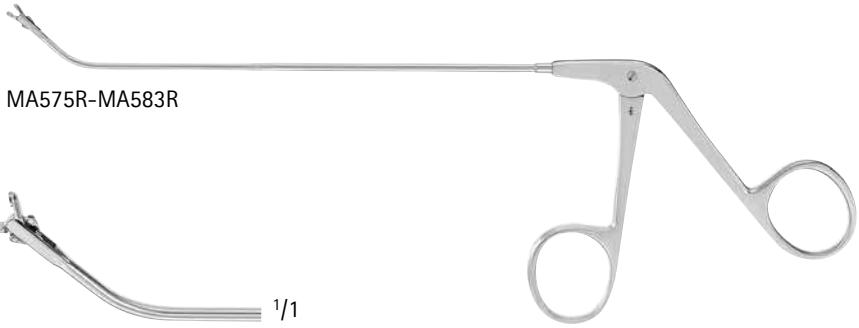


ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

GIRA E FRONTAL SINUS FORCEPS

Catalog Number	Jaw	Cup Size (mm)	Working Length (in.)	Length (in.)
MA575R	ANG 45° VERTICAL CUTTING	2	5 1/2	8 7/8
MA576R	ANG 45° HORIZONTAL CUTTING	2	5 1/2	8 7/8
MA577R	ANG 90° VERTICAL CUTTING	2	5 1/8	8 3/8
MA578R	ANG 90° HORIZONTAL CUTTING	2	5 1/8	8 3/8
MA579R	ANG 45° VERTICAL CUTTING	3	5 1/2	8 7/8
MA581R	ANG 70° VERTICAL CUTTING DOUBLE ACTION	3	5 1/8	8 1/4
MA580R	ANG 90° HORIZONTAL CUTTING	3	5 1/2	8 7/8
MA582R	ANG 70° HORIZONTAL CUTTING DOUBLE ACTION	4	5 1/8	8 1/4
MA583R	ANG 100° HORIZONTAL CUTTING DOUBLE ACTION	4	4 5/8	8 1/4


MA575R-MA583R

1/1

MA575R, MA577R


1/1

MA576R, MA580R


1/1

MA582R


1/1

MA578R


1/1

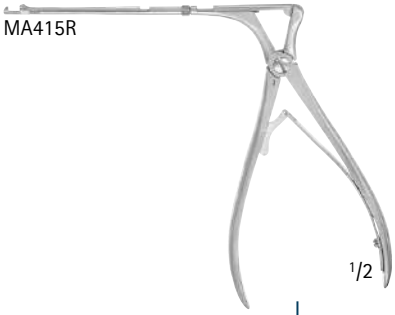
MA579R


1/1

MA581R, MA583R

MCKENTY SPHENOID PUNCH FORCEPS, ROTATABLE

Catalog Number	Jaw	Working Length (in.)	Length (in.)
MA415R	1.5 x 4	5 3/4	7


MA415R

1/2


1/1

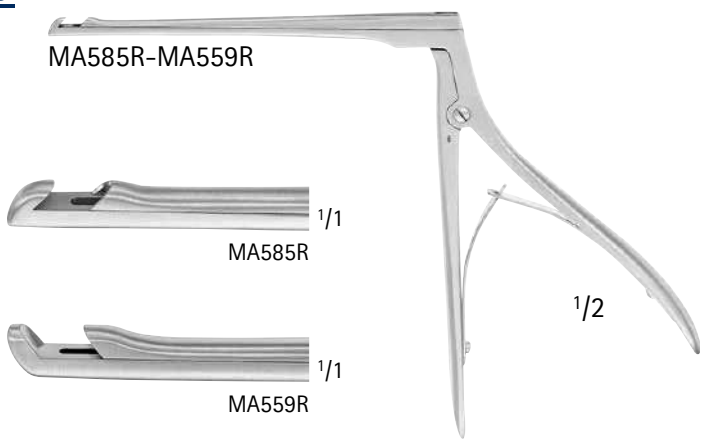
MA415R

ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

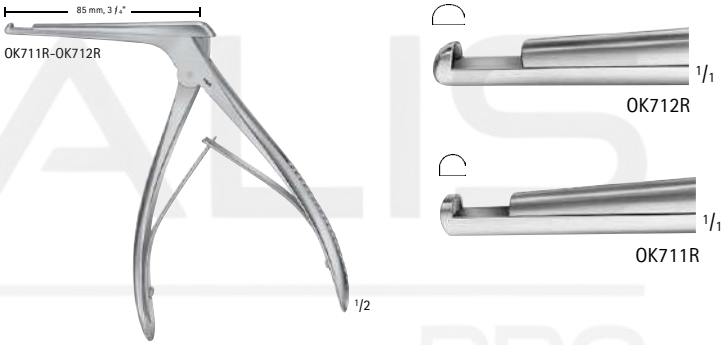
ANTRUM PUNCH FORCEPS

Catalog Number	Jaw	Tip	Cup Size (mm)	Working Length (in.)	Length (in.)
MA585R	ANG 45° BACK-WARD 3 MM	3	4 x 5	5 1/2	8 1/4
MA559R	45° FOR-WARD 3 MM	3	4 x 5	5 1/2	8 1/4



KERRISON NASAL RONGEUR

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
OK711R	4.0	90° UP	3 1/4
OK712R	5.0	90° UP	3 3/8



HAJEK-KOFLER PUNCH

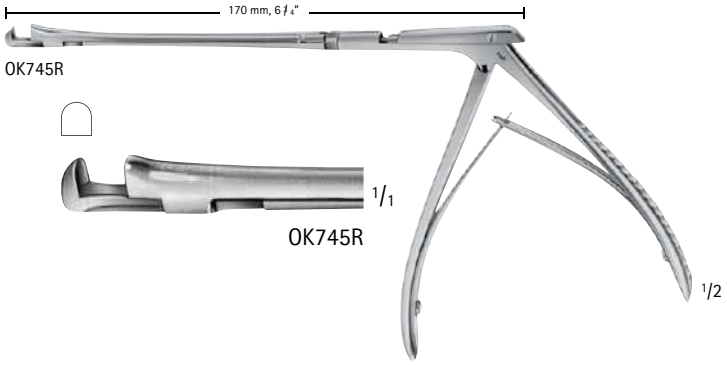
Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
OK740R	3.3	90° UP	5 1/2
OK741R	3.3	90° DOWN	5 1/2
OK742R	4.0	90° UP	5 1/2



Forceps- Nasal/Polyp/Bone Cutting

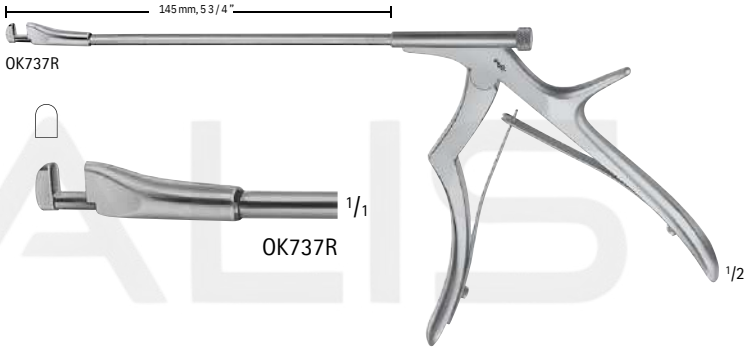
HAJEK-KOFLER ROTATABLE PUNCH, (CONTINUED)

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
OK745R	4.0	90° UP	6 3/4



KOFLER SINUS PUNCH, ROTATABLE

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
OK737R	3.0	90° UP	5 3/4



TAKAHASHI NASAL FORCEPS

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MA342R	2.5	STR	4 3/8
OK525R	3.0	STR	4 3/4
MA340R	3.0	STR	6 3/8
MA343R	4.0	STR	4 3/8
MA341R	4.0	STR	6 3/8
OK526R	3.0	45° UP	4 3/4



LOVE-GRUENWALD RONGEUR

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF799R	2 x 10	STR	5 1/4
FF800R	3 x 10	STR	5 1/4

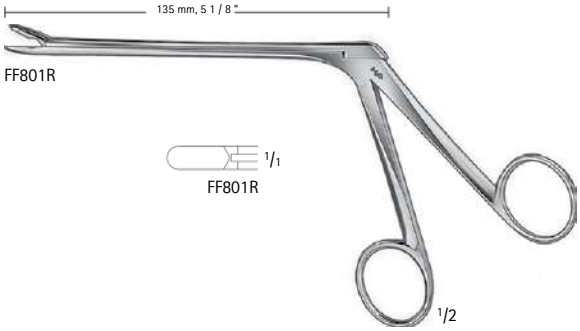


ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

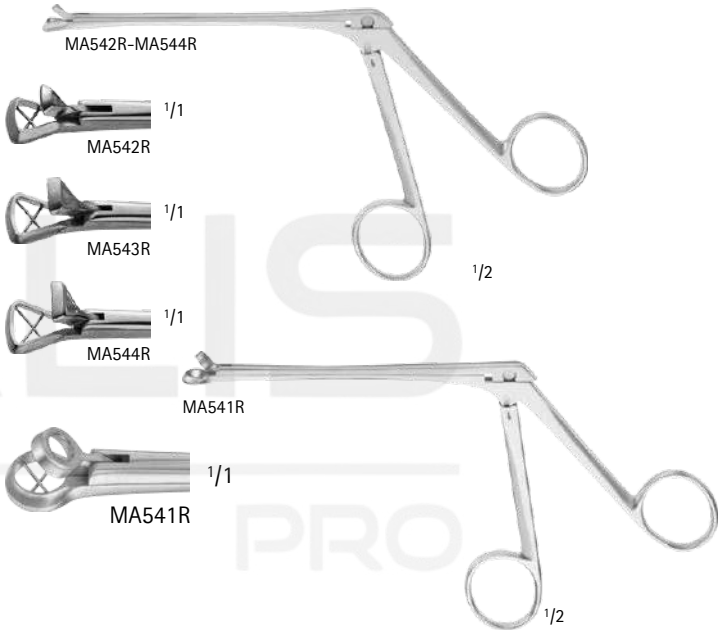
SPURLING RONGEUR

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF801R	4 x 10	STR	5 1/8



MELTZER ADENOID PUNCH FORCEPS

Catalog Number	Tip Size (mm)	Size (#)	Jaw	Working Length (in.)	Length (in.)
MA542R	5 MM BOTTOM BASKET, 4 MM UPPER JAW	0	TRIANGULAR	4 1/2	7 1/4
MA543R	7 MM BOTTOM BASKET, 3 MM UPPER JAW	1	TRIANGULAR	4 1/2	7 1/4
MA544R	9 MM BOTTOM BASKET, 8 MM UPPER JAW	2	TRIANGULAR	4 1/2	7 1/4
MA541R	6 MM BOTTOM BASKET, 5 MM UPPER BITE	1	ROUND	4 1/2	7 1/4



PEDIATRIC OSTRUM ANTRUM PUNCH FORCEPS

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)	Length (in.)
MA570R	1.5 x 4	STR BACK BITE	4 1/2	8
MA571R	1.5 x 4	RIGHT SIDE BITE	4 1/2	8
MA572R	1.5 x 4	LEFT SIDE BITE	4 1/2	8

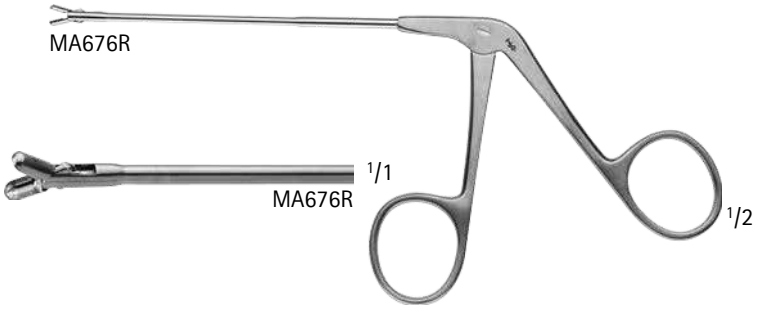


ENT-NASAL

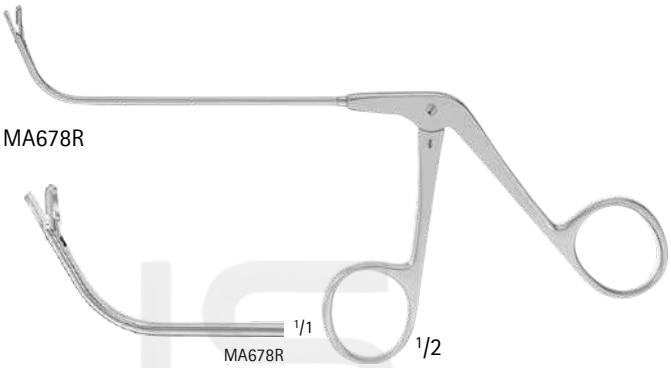
Forceps- Nasal/Polyp/Bone Cutting

NASAL BIOPSY FORCEPS

Catalog Number	Cup Size (mm)	Tip	Working Length (in.)	Length (in.)
MA676R	2.5 x 4	STR	5	7
MA680R	2.5 x 5	70° UP	4	7
MA678R	2.5 x 6	70° UP	3 1/2	7 1/4

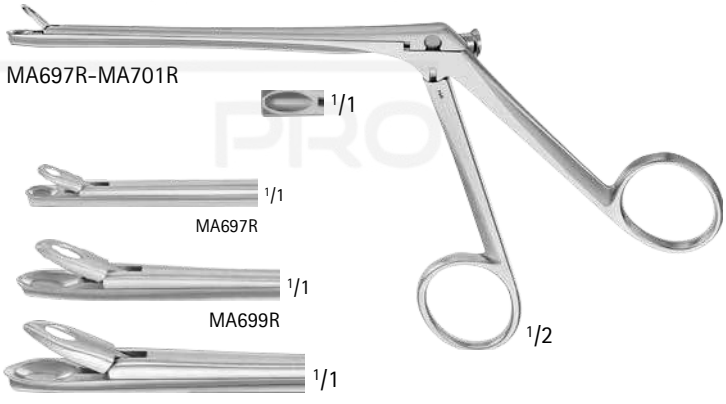


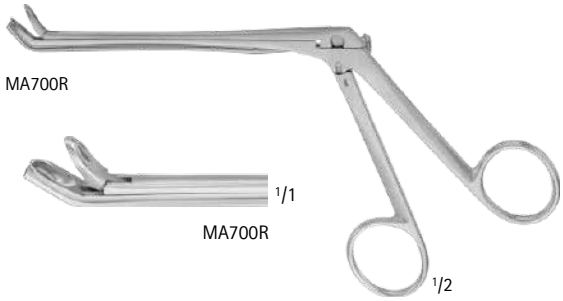


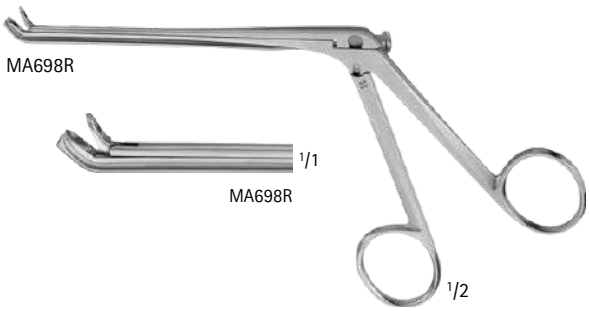


NASAL SUCTION FORCEPS

Catalog Number	Jaw Length (mm)	Tip	Tip Size (#)	Working Length (in.)	Length (in.)
MA697R	2.5	STR	00	4	7 1/4
MA699R	3.5	STR	0	4	7 1/4
MA701R	4.5	STR	1	4	7 1/4
MA698R	2.5	45° ANG-UP	00	4 3/4	7 1/4
MA700R	3.5	45° ANG-UP	0	4 1/2	7 3/4





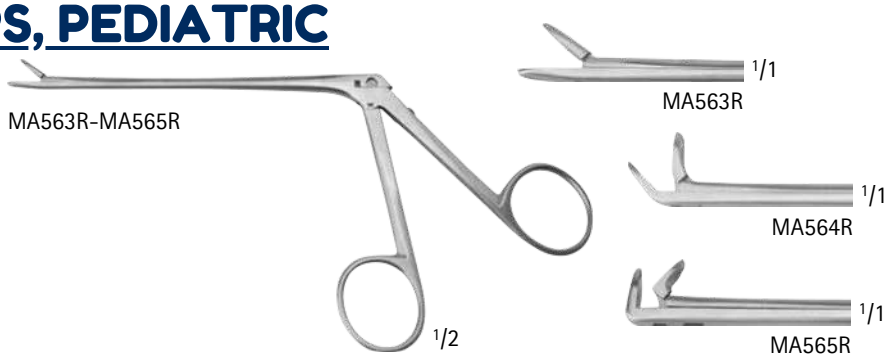


ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

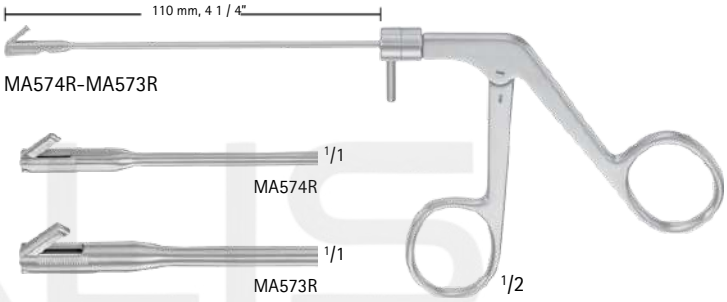
ETHMOID FORCEPS, PEDIATRIC

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)	Length (in.)
MA563R	3 x 5	STR	4	6 1/8
MA564R	3 x 5	ANG UP 45°	4	6 1/8
MA565R	3 x 5	ANG UP 90°	3 3/4	6 1/8



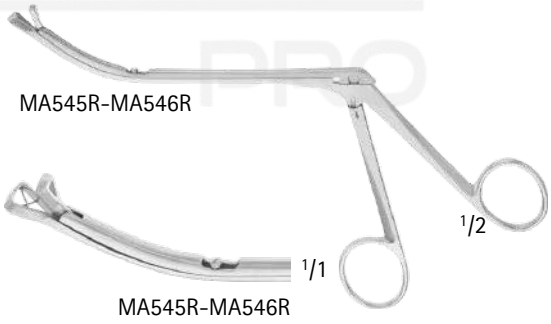
ROTATING OSTRUM ANTRUM PUNCH FORCEPS, BACKBITING

Catalog Number	Jaw Size (mm)	Size	Jaw	Working Length (in.)	Length (in.)
MA574R	1.5 x 4	Pediatric	ROTATING 360°	4 1/4	8 1/4
MA573R	3 x 7	Adult	ROTATING 360°	4 1/4	8 1/4



RONIS ADENOID NASAL FORCEPS

Catalog Number	Tip Size (mm)	Tip Size (#)	Jaw	Working Length (in.)	Length (in.)
MA545R	7 MM BASKET	1	TRIANGULAR	5 3/8	8 1/8
MA546R	8 MM BASKET	2	TRIANGULAR	5 3/8	8 1/8



STAMMBERGER SIDECUTTING ANTRUM PUNCH FORCEPS

Catalog Number	Jaw	Length (in.)
MA568R	LEFT CUT	8 5/8
MA569R	RIGHT CUT	8 5/8

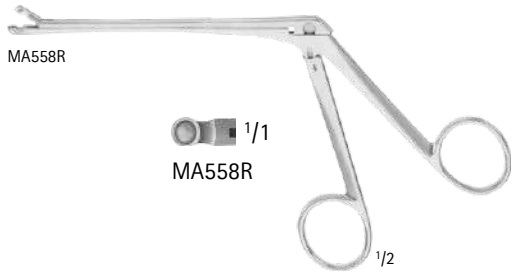


ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

SINUS CUP FORCEPS

Catalog Number	Cup Size (mm)	Working Length (in.)	Length (in.)
MA558R	3	4 1/2	7



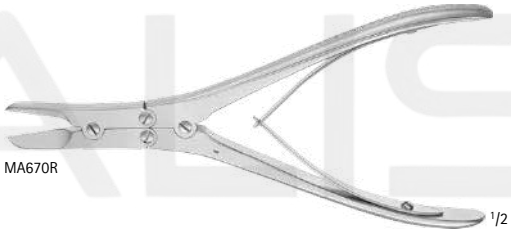
COTTLE BITING FORCEPS

Catalog Number	Jaw Length (mm)	Jaw	Length (in.)
MA669R	30	ANG	7



ROWLAND BONE CUTTING FORCEPS, DOUBLE ACTION

Catalog Number	Jaw Length (mm)	Length (in.)
MA670R	25	7 1/4



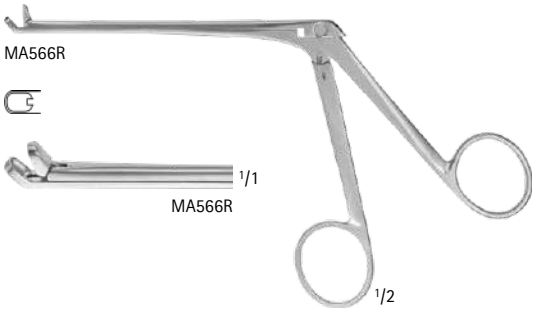
STAMM BONE CUTTING RONGUER

Catalog Number	Length (in.)
FO604R	6



STUEMPEL-VOSS NASAL FORCEPS

Catalog Number	Cup (mm)	Tip	Working Length (in.)	Length (in.)
MA566R	3 x 5	ANG UP	4 1/4	6 7/8

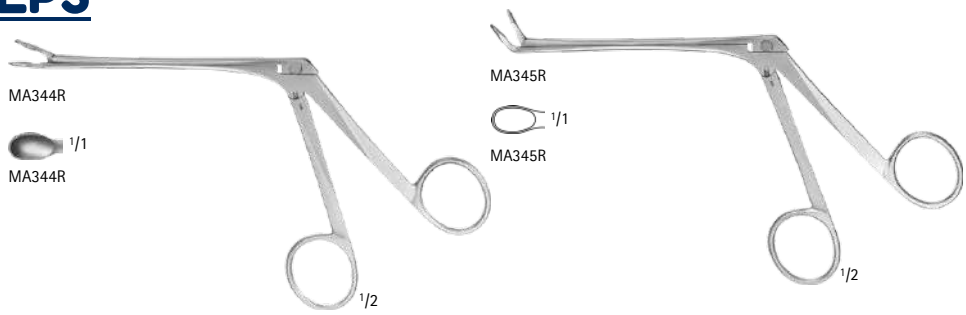


ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

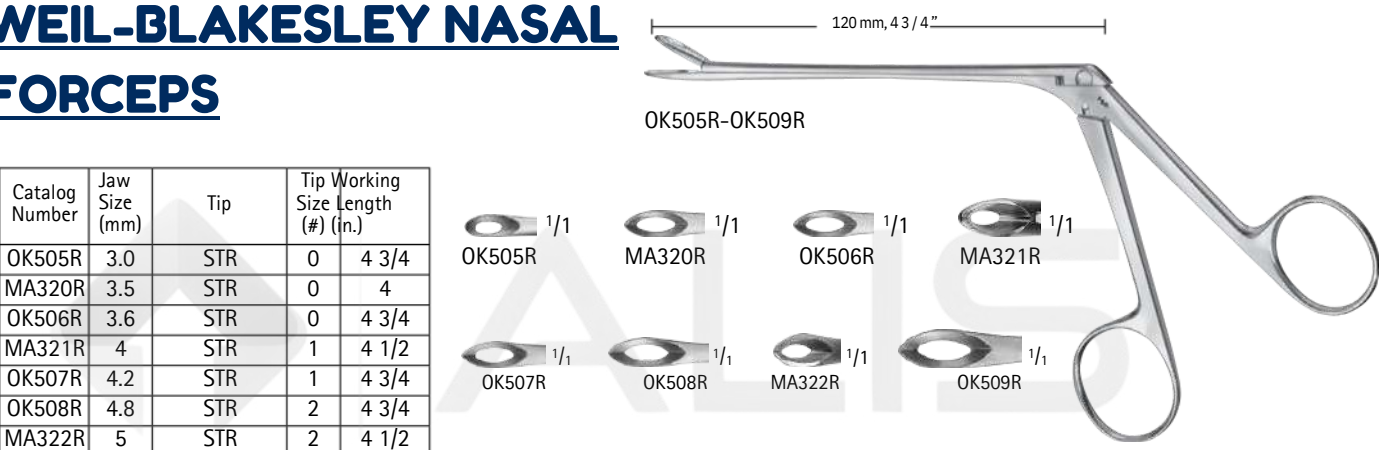
WEIL NASAL FORCEPS

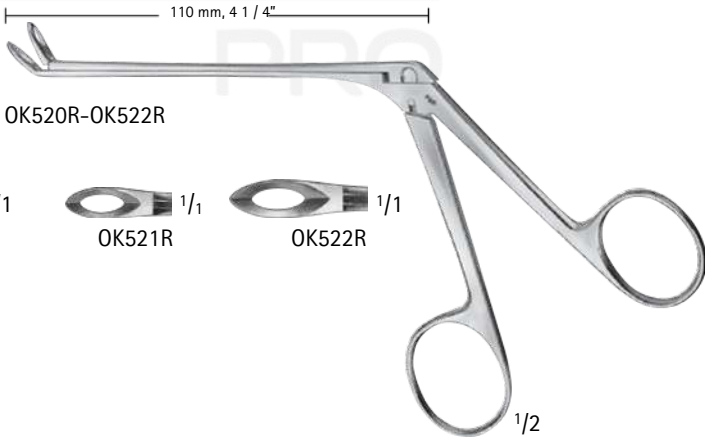
Catalog Number	Cup (mm)	Tip	Working Length (in.)	Length (in.)
MA344R	5 x 8	STR	4	7 1/8
MA345R	5 x 8	ANG UP	4	7 1/8

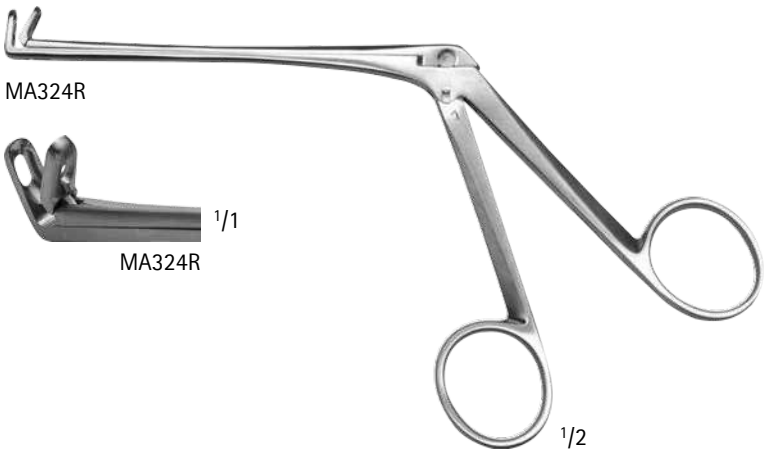


WEIL-BLAKESLEY NASAL FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Tip Working Size Length (#) (in.)	
OK505R	3.0	STR	0	4 3/4
MA320R	3.5	STR	0	4
OK506R	3.6	STR	0	4 3/4
MA321R	4	STR	1	4 1/2
OK507R	4.2	STR	1	4 3/4
OK508R	4.8	STR	2	4 3/4
MA322R	5	STR	2	4 1/2
OK509R	5.6	STR	3	4 3/4
OK520R	3.6	ANG 45° UP	0	4 1/2
MA323R	4	ANG 45° UP	1	4 1/8
OK521R	4.2	ANG 45° UP	1	4 1/2
OK522R	4.8	ANG 45° UP	2	4 1/2
MA324R	4	ANG 90° UP	1	4





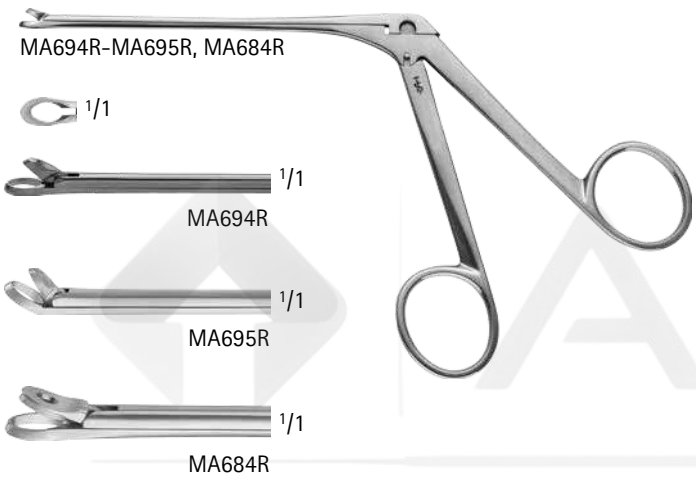


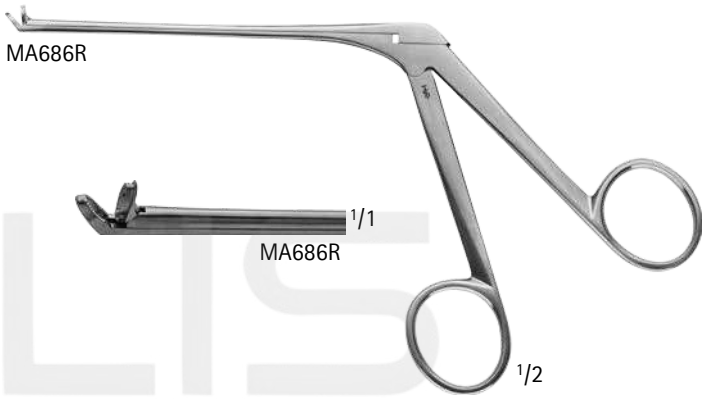
ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

BLAKESLEY THRU-CUT FORCEPS

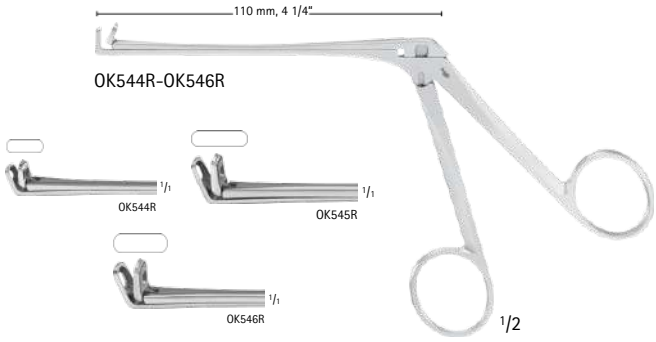
Catalog Number	Size	Jaw Size (mm)	Tip	Jaw Size (#)	Working Length (in.)	Length (in.)
MA694R	PEDIATRIC	2.5	STR	00	4 1/4	7
MA695R	PEDIATRIC	2.5	ANG	00	4 1/4	7
MA684R	-	3.5	STR	0	4 1/2	7 3/4
MA686R	-	2.5	ANG UP	00	4 3/8	7 1/4





BLAKESLEY-WILDE NASAL FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Working Length (in.)
OK544R	10 x 3.5	ANG 90° UP	4 1/4
OK545R	13.5 x 3.8	ANG 90° UP	4 1/4
OK546R	14.3 x 5	ANG 90° UP	4 1/4



ENT-NASAL

Forceps- Nasal/Polyp/Bone Cutting

WILDE ETHMOID NASAL FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Jaw Size (#)	Working Length (in.)
MA567R	3.5 x 12	ANG UP 45°	0	4 3/8



WATSON-WILLIAMS ETHMOID FORCEPS

Catalog Number	Jaw	Tip	Working Length (in.)
MA560R	3 MM THRU CUT JAWS W/ BASKET, ANG UP	ANG UP	5 3/8
OK530R	STR, SERR	STR	4 3/4



WATSON-WILLIAMS ETHMOID FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Size	Working Length (in.)
OK527R	5.0	STR	SMALL	4 3/4
OK529R	7.0	STR	MEDIUM	4 3/4
OK531R	9.0	STR	LARGE	4 3/4



WILDE NASAL FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Working Length (in.)	Length (in.)
MA561R	5 x 10	STR	4 1/2	7 1/4
MA562R	5 x 10	ANG UP	4 1/2	7 1/4

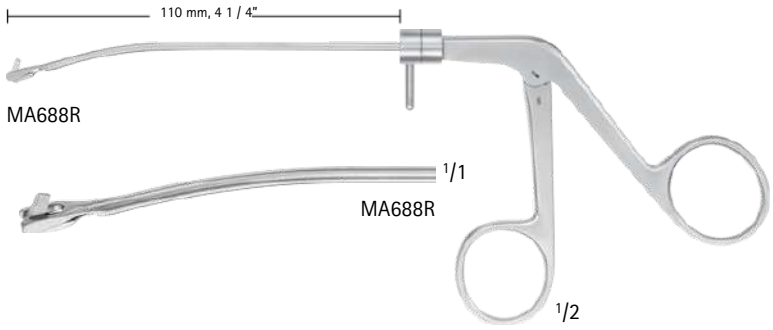


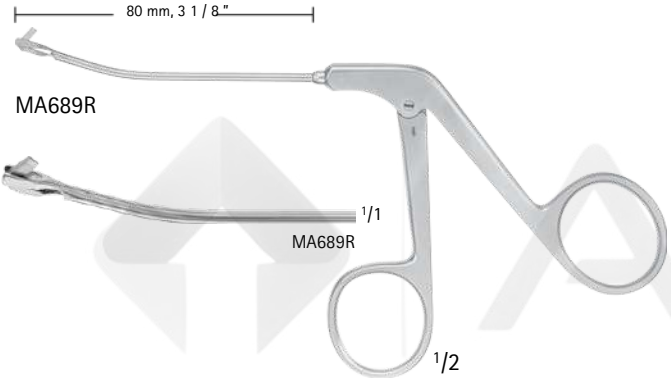
ENT-NASAL

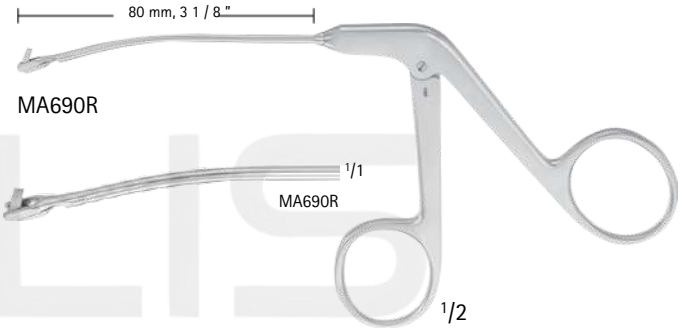
Forceps- Nasal/Polyp/Bone Cutting

WILDE-TYPE BACKBITER FORCEPS

Catalog Number	Jaw Size (mm)	Tip	Working Length (in.)	Length (in.)
MA688R	2	STR, ROTATING 360°	4 1/4	8 3/4
MA689R	2	CVD UP	3 1/8	6 7/8
MA690R	2	CVD DOWN	3 1/8	6 7/8





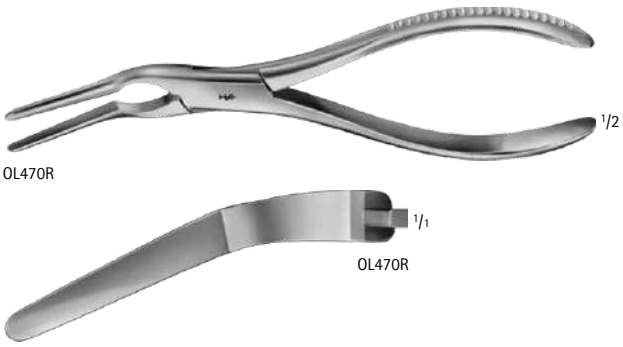


ENT-NASAL

Forceps- Cartilage/Morselizing/ Straightening

ASH SEPTUM FORCEPS

Catalog Number	Tip	Length (in.)
OL470R	ANG	8 3/4



ENT-NASAL

Forceps- Cartilage/Morselizing/ Straightening

COTTLE-WALSHAM SEPTUM FORCEPS

Catalog Number	Tip	Length (in.)
OL473R	STR	8 3/4



OL473R 1/2



1/1

OL473R

WALSHAM SEPTUM FORCEPS

Catalog Number	Tip	Length (in.)
OL472R	LEFT	8 3/4
OL471R	RIGHT	8 3/4



OL472R-OL471R 1/2



1/1

OL472R



1/1

OL471R

SEPTUM MORSELIZER FORCEPS, W/ REMOVABLE GUARD

Catalog Number	Length (in.)
OL474R	7 7/8



OL474R 1/2

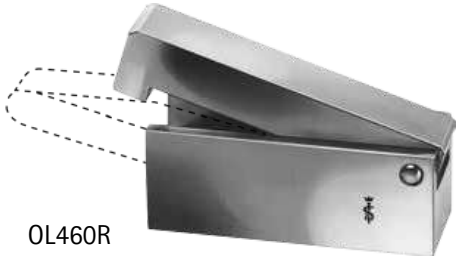


1/1

OL474R

BONE AND CARTILAGE CRUSHER, W/ CLAMP

Catalog Number
OL460R



OL460R

ENT-NASAL

Nasal Snares and Wires

KRAUSE NASAL POLYP SNARE, KNEE- SHAPE

Catalog Number	Length (in.)
OK260R	9 3/4



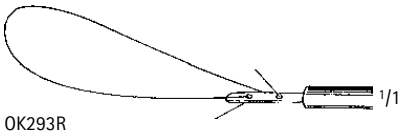
WILDE NASAL POLYP SNARE

Catalog Number	Tip	Length (in.)
OK270R	BAYO	9 3/4



NASAL SNARE WIRE

Catalog Number	Diameter (mm)	Packaging
OK293R	0.3	100/BOX





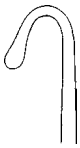
ENT-NASAL

Hooks

LANGE FISTUAL HOOK



OL201R



Catalog Number	Tip	Length (in.)
OL201R	BLUNT	9 1/4

CONVERSE SKIN HOOKS



MA178R-MA179R



MA178R



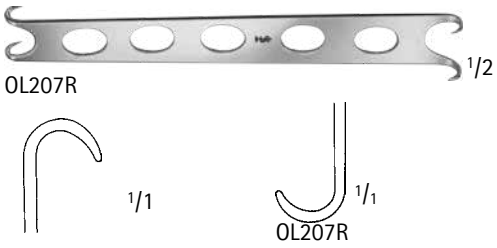
MA179R

Catalog Number	Size	Length (in.)
MA178R	SMALL	7 1/8
MA179R	LARGE	7 1/8

ENT-NASAL

Hooks

CONVERSE DOUBLE HOOK



Catalog Number	Blade Size (mm)	Length (in.)
OL207R	7 x 12 / 8 x 12	4 3/4

MILLARD DOUBLE HOOK W/ THIMBLE MOUNT

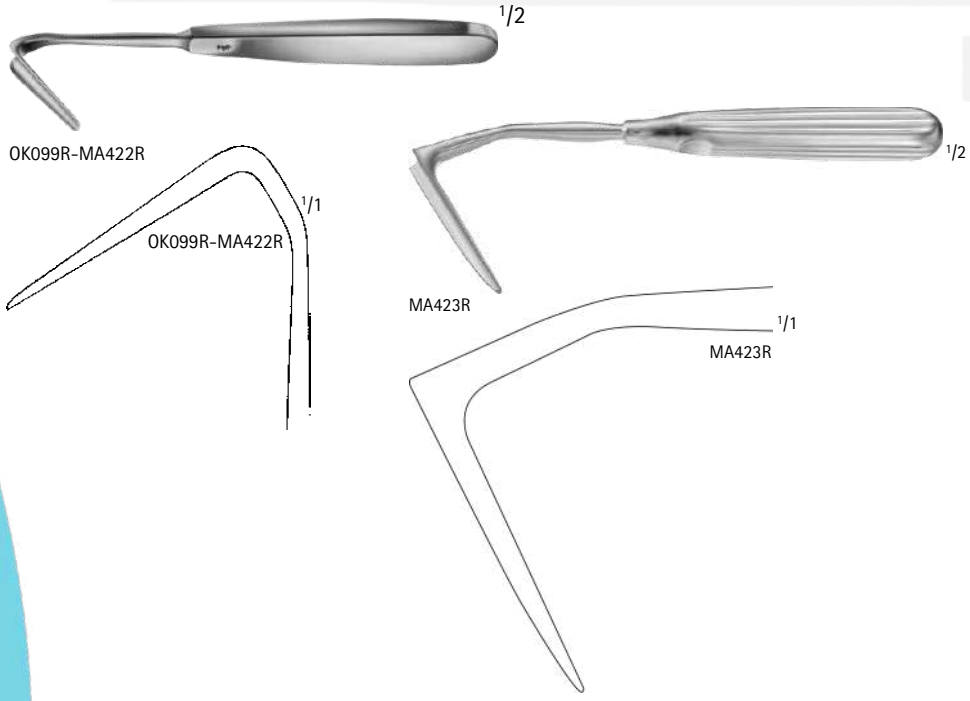


Catalog Number	Length (in.)
MA186R	3 1/4

ENT-NASAL

Retractors

AUFRICHT NASAL RETRACTOR



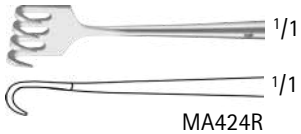
Catalog Number	Blade Size (mm)	Length (in.)
OK099R	10 x 45	6 7/8
MA422R	10 x 45	7 3/8
MA423R	11 x 60	7 3/8

ENT-NASAL
Retractors

BLAIR RETRACTOR



MA424R



MA424R

Catalog Number	Tip	Blade End	Tip Size (mm)	Length (in.)
MA424R	SHARP	4 PRONGS	7	5 1/4

CONVERSE NASAL RETRACTOR



MA425R



MA426R



MB107R



MA427R



MA428R

Catalog Number	Blade Size (mm)	Length (in.)
MA425R	9 x 18	3 1/4
MA426R	12 x 21	3 1/4
MA427R	12 x 38	3 1/4
MA428R	12 x 53	3 1/4
MB107R	44 x 11	4 1/2

COTTLE NASAL RETRACTOR



MA430R



MA430R

Catalog Number	Tip	Blade End	Tip Size (mm)	Length (in.)
MA430R	BLUNT	4 PRONGS	10	5 1/8

COTTLE NASAL RETRACTOR, DOUBLE ENDED



OL214R





OL214R

Catalog Number	Blade Size (mm)	Tip	Length (in.)
OL214R	12 x 5 / 4 x 4.5	BALL END/ BLUNT	7 7/8

COTTLE RETRACTOR



OL203R-OL204R



Catalog Number	Tip	Length (in.)
OL203R	BLUNT/RIGHT SHARP	5 3/4
OL204R	LEFT SHARP/BLUNT	5 3/4

ENT-NASAL

Retractors

COTTLE ALAR (MASING) RETRACTOR



Catalog Number	Blade Size (mm)	Length (in.)
OL211R	6 x 12	5 1/2
OL212R	10 x 12	5 1/2

FOMON RETRACTOR



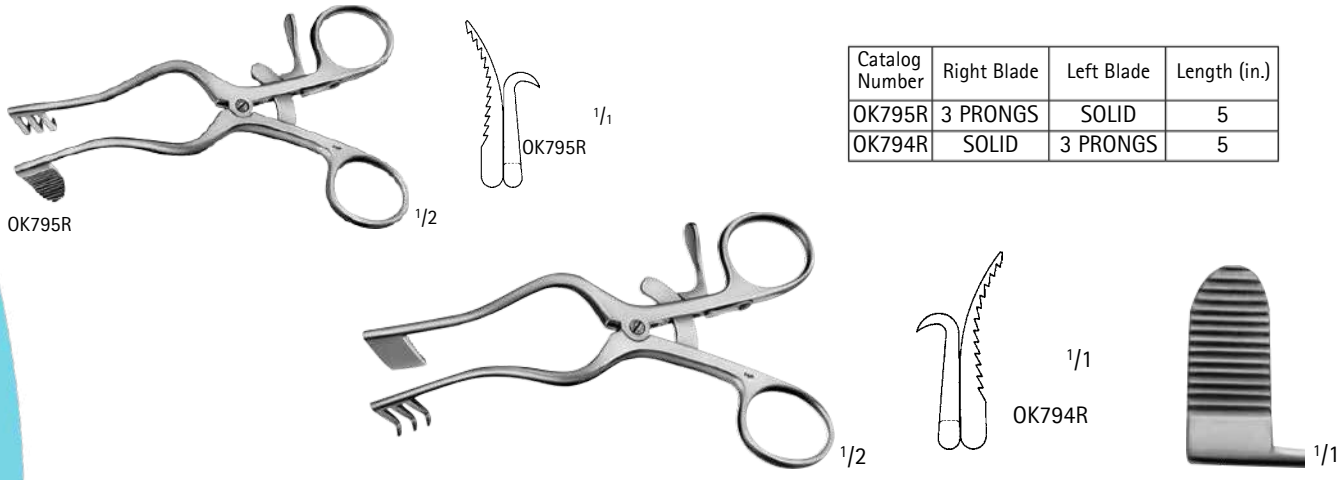
Catalog Number	Tip Size (mm)	Tip	Blade End	Length (in.)
OL202R	12	BLUNT	2 PRONGS	5 3/4
MA431R	13	BALL END	2 PRONGS	6 1/4

GILLIES BONE AND ZYGOMA HOOK



Catalog Number	Tip Size (mm)	Length (in.)
MG473R	9	7 1/4

PERKINS ANTRUM RETRACTOR



Catalog Number	Right Blade	Left Blade	Length (in.)
OK795R	3 PRONGS	SOLID	5
OK794R	SOLID	3 PRONGS	5

ENT-NASAL
Retractors

BABY WEITLANER RETRACTOR



MA438R

Catalog Number	Tip	Blade End	Length (in.)
MA438R	BLUNT	3 x 3 PRONGS	4 1/4

WULLSTEIN RETRACTOR



MB054R

Catalog Number	Tip	Blade End	Length (in.)
MB054R	BLUNT3	x 3 PRONGS	4 1/4

JANSEN RETRACTOR



BV030R



BV032R



BV033R

Catalog Number	Tip	Blade End	Length (in.)
BV030R	SHARP	3 x 3 PRONGS	4
BV032R	BLUNT	3 x 3 PRONGS	4
BV033R	BLUNT	3 x 4 PRONGS	4

ENT-NASAL

Elevators and Dissectors

BOIES NASAL FRACTURE ELEVATOR



Catalog Number	Tip	Length (in.)
OL477R	BLUNT	7

GOLDMANN SEPTUM DISPLACER



Catalog Number	Tip	Length (in.)
OL479R	STR	7 7/8

CUSHING ELEVATOR, NARROW



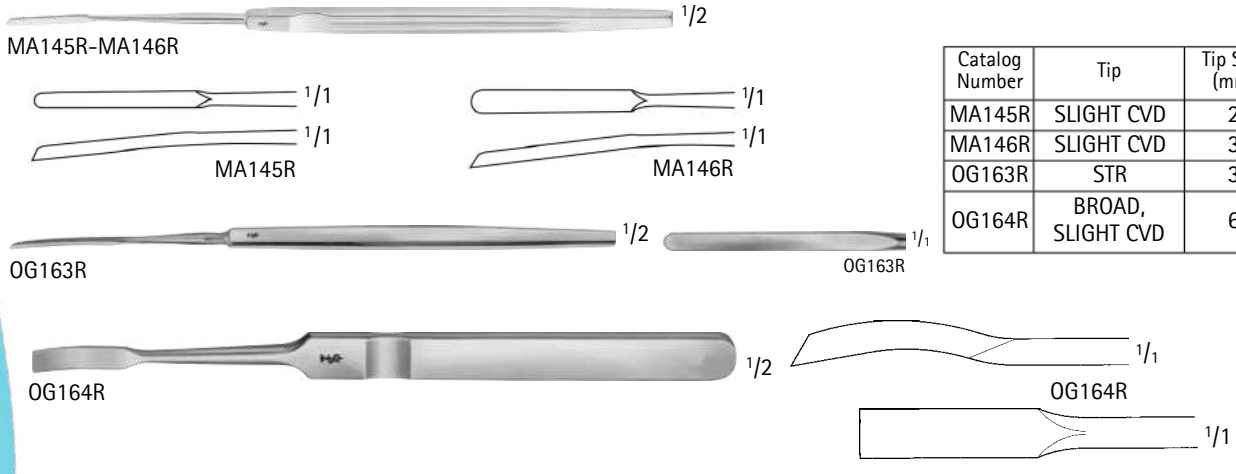
Catalog Number	Tip Size (mm)	Tip	Length (in.)
MB190R	8	SHARP	7 3/4

LEMPERT ELEVATOR



Catalog Number	Tip Size (mm)	Blade	Length (in.)
MA147R	7	CVD	7 1/4

LEMPERT ELEVATOR

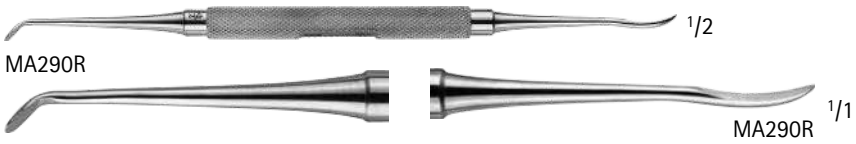


Catalog Number	Tip	Tip Size (mm)	Length (in.)
MA145R	SLIGHT CVD	2	6 3/4
MA146R	SLIGHT CVD	3	6 3/4
OG163R	STR	3	7 1/2
OG164R	BROAD, SLIGHT CVD	6	7 1/4

ENT-NASAL

Elevators and Dissectors

KLEINERT-KUTZ ELEVATOR AND DISSECTOR, DOUBLE ENDED



Catalog Number	Tip Size (mm)	Length (in.)
MA290R	2/4	7

MCKENTY PERIOSTEAL ELEVATOR



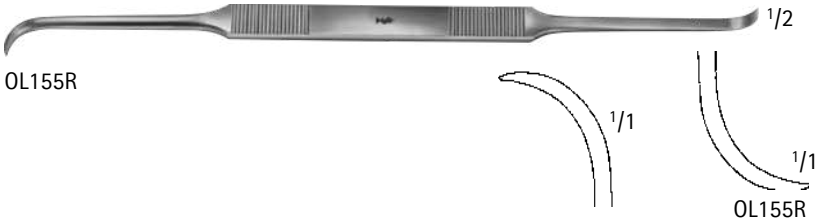
Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL192R	CVD, SHARP	4.0	6

BALL END ELEVATOR, DOUBLE ENDED



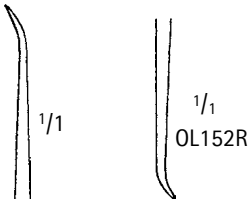
Catalog Number	Blade Shape	Length (in.)
MA139R	ANG	7 1/2

COTTLE ELEVATOR, DOUBLE ENDED





Catalog Number	Blade	Length (in.)
OL155R	-	7 7/8
OL152R	GRADUATED	7 7/8



COTTLE PERIOSTEAL ELEVATOR



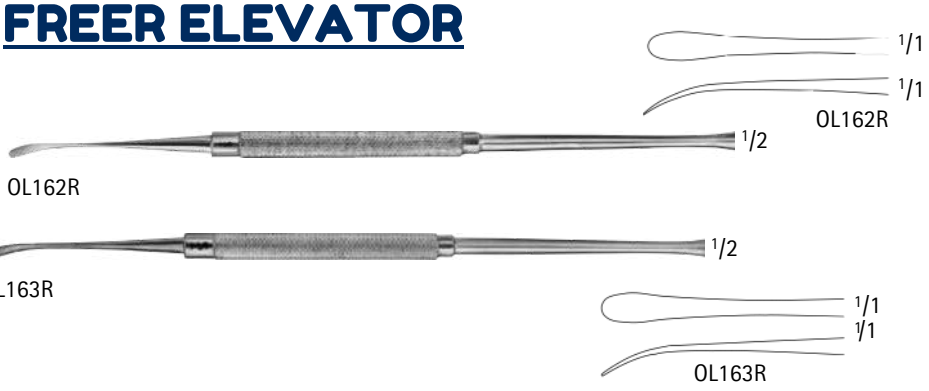


Catalog Number	Tip	Width (mm)	Length (in.)
FK310R	SLIGHTLY CVD	4	7
OL157R	CVD, SHARP	8	7 3/4

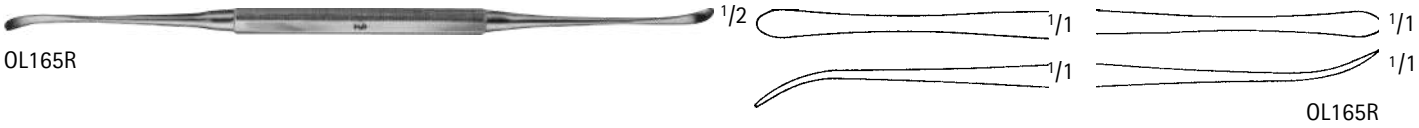
ENT-NASAL

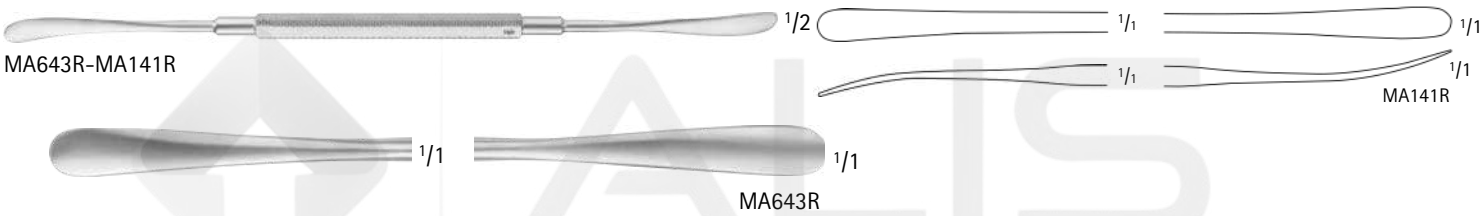
Elevators and Dissectors

FREER ELEVATOR

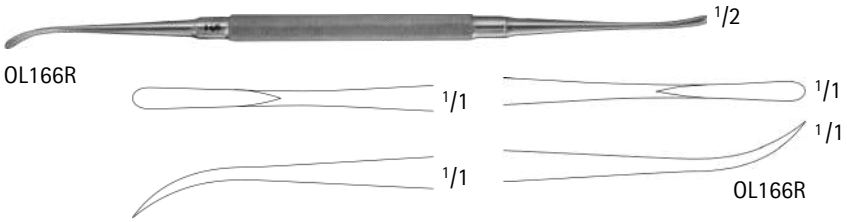


Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL162R	SINGLE ENDED SHARP	4	7 1/2
OL163R	SINGLE ENDED BLUNT	4	7 1/2
OL165R	SHARP/BLUNT	4 / 4	7 1/4
MA643R	SHARP/BLUNT	4.5 / 4.5	7 1/2
MA141R	SHARP/BLUNT	6.5	7 1/2



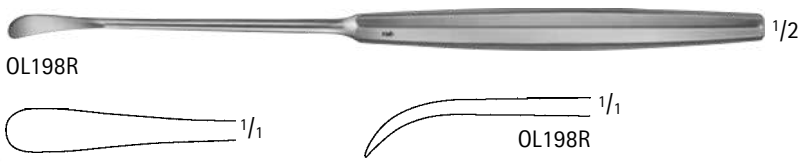


FREER-YASARGIL ELEVATOR



Catalog Number	Tip	Length (in.)
OL166R	SHARP/SHARP	7 1/4

SEWALL ANTRUM ELEVATOR



Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL198R	BLUNT	5.9	7 7/8

ENT-NASAL

Elevators and Dissectors

HAJEK-BALLENGER SEPTUM ELEVATOR AND DISSECTOR, DOUBLE ENDED



Catalog Number	Tip	Length (in.)
MB297R	SHARP/BLUNT	7 1/2

COTTLE (MASING) ELEVATOR, GRADUATED



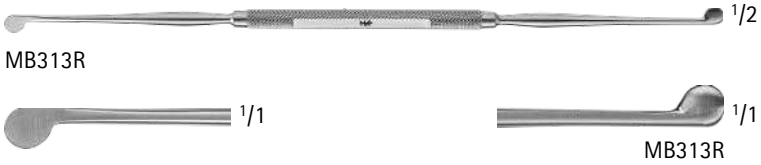
Catalog Number	Blade	Length (in.)
OL153R	DBL ENDED	7 7/8

PENNINGTON ELEVATOR



Catalog Number	Tip	Length (in.)
OL151R	SHARP/SHARP	8 1/4

PIERCE SUBMUCOUS DISSECTOR



Catalog Number	Length (in.)
MB313R	7 1/2

ROGERS SUBMUCOUS DISSECTOR

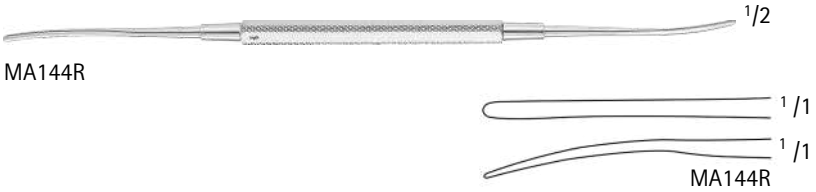


Catalog Number	Length (in.)
MB312R	8 3/4

ENT-NASAL

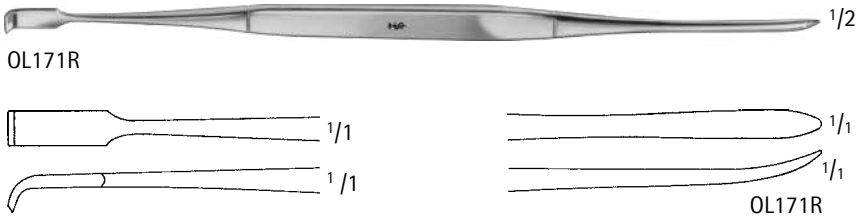
Elevators and Dissectors

HENNER ELEVATOR, DOUBLE ENDED



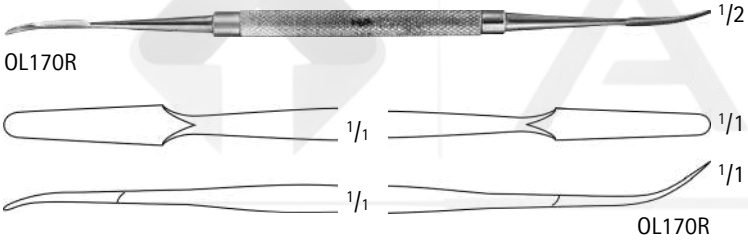
Catalog Number	Tip Size (mm)	Length (in.)
MA144R	2/2	8 1/2

HOWARTH ELEVATOR, DOUBLE ENDED



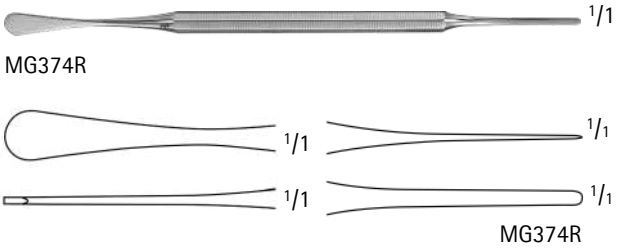
Catalog Number	Tip	Length (in.)
OL171R	SHARP/BLUNT	8 1/2

KILLIAN ELEVATOR, DOUBLE ENDED



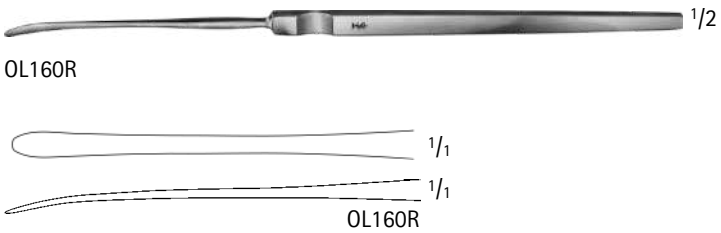
Catalog Number	Tip	Length (in.)
OL170R	SHARP/BLUNT	7 1/4

SPATULA AND PACKER, DOUBLE ENDED



Catalog Number	Length (in.)
MG374R	5 3/4

HALLE ELEVATOR



Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL160R	BLUNT	3.3	7

ENT-NASAL

Elevators and Dissectors

KOENIG ELEVATOR



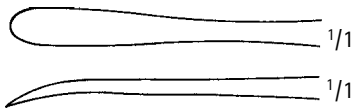
OM307, OM309R, OM308R

Catalog Number	Tip	Tip Size (mm)	Length (in.)
OM307R	SLIGHTLY CVD	4.5	6 1/8
OM309R	SLIGHTLY CVD	4.5	6 1/8
OM308R	STRONGLY CVD	4.5	6 1/8

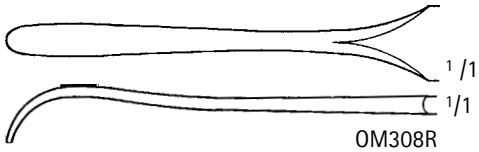




OM307R



OM309R



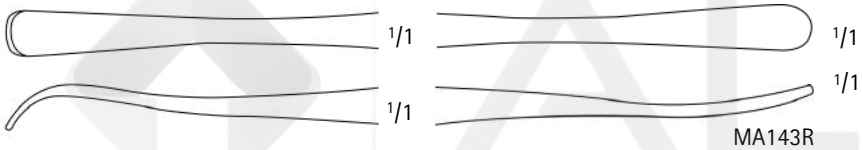
OM308R

OBWEGESER-FREER ELEVATOR



MA143R

Catalog Number	Tip	Tip Size (mm)	Blade Shape	Length (in.)
MA143R	BLUNT	6	DBL ENDED	8 1/2



MA143R

ENT-NASAL

Specula

COTTLE SEPTUM SPECULUM



OK085R

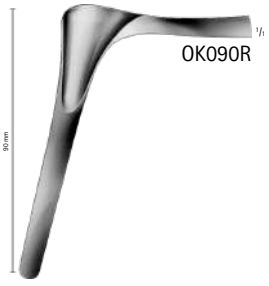


Catalog Number	Blade Size (mm)	Blade Shape	W/ Set Screw	Length (in.)
OK085R	50 x 6	TAPERED	NO	5 1/4
OK089R	76 x 7	THIN	YES	5 1/4
OK090R	90 x 7	THIN	YES	5 1/4



OK089R-OK090R





ENT-NASAL

Specula

COTTLE NASAL SPECULUM



OK105R-OK108R

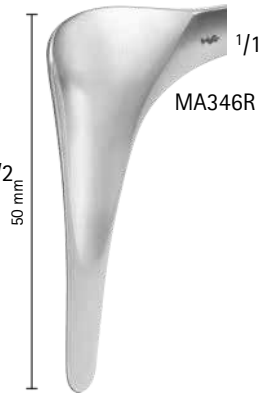
Catalog Number	Blade Size (mm)	Blade Shape	Size (#)	Length (in.)
OK105R	20	Xtra Thin	1	5 1/4
OK106R	38	Xtra Thin	2	5 1/4
OK107R	41	Xtra Thin	3	5 1/4
OK108R	60	Xtra Thin	4	5 1/4



COTTLE SEPTUM SPECULUM (CONTINUED)



MA346R



Catalog Number	Blade Size (mm)	Blade Shape	Length (in.)
MA346R	50	THIN	5 5/8

ENT-NASAL

Specula

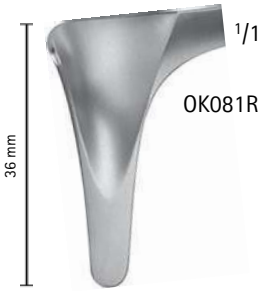
KILLIAN SEPTUM SPECULUM, ASEPTIC



1/2

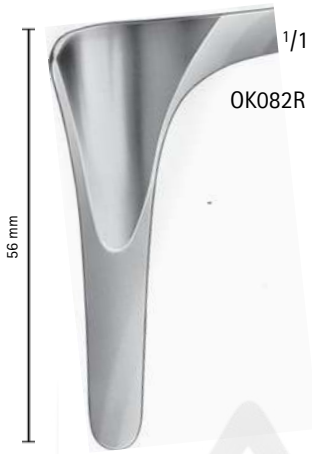
OK081R-OK084R

Catalog Number	Blade Size (mm)	Length (in.)
OK081R	36 x 7	5 1/2
OK082R	56 x 7	5 1/2
OK083R	75 x 7	5 1/2
OK084R	90 x 7	5 1/2



1/1

OK081R



1/1

OK082R



1/1

OK083R



1/1

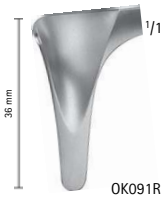
OK084R

KILLIAN SEPTUM SPECULUM W/ SCREW JOINT



OK091R-OK094R

Catalog Number	Blade Size (mm)	Length (in.)
OK091R	36 x 7	5 3/4
OK092R	56 x 7	5 3/4
OK093R	75 x 7	5 3/4
OK094R	90 x 7	5 3/4



1/1

OK091R



1/1

OK092R



1/1

OK093R



1/1

OK094R

ENT-NASAL

Specula

VIENNA NASAL SPECULUM



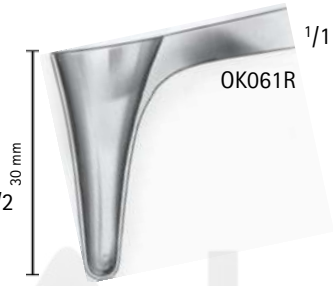
OK060R 1/2



Catalog Number	Blade Size	Length (in.)
OK060R	SMALL	5 1/2
OK061R	MEDIUM	5 1/2
OK062R	LARGE	5 1/2



OK061R 1/2





OK062R 1/2



VIENNA NASAL SPECULUM (CONTINUED)

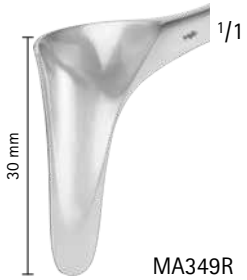


MA348R-MA350R 1/2

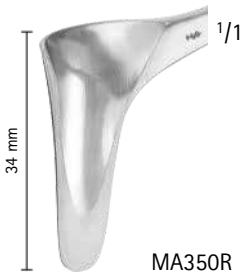
Catalog Number	Blade Size (mm)	Tip Size (mm)	Length (in.)
MA348R	24	1	5 1/4
MA349R	30	3	5 1/4
MA350R	34	4	5 1/4



MA348R



MA349R



MA350R

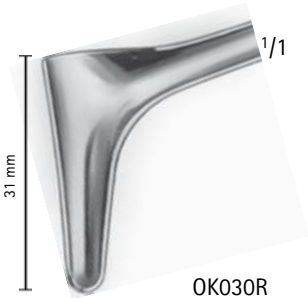
ENT-NASAL

Specula

HARTMANN NASAL SPECULUM



OK030R



OK030R

Catalog Number	Blade Size	Length (in.)
OK030R	LIGHT	5 3/4
OK041R	SMALL	6 1/4
OK042R	MEDIUM	6 1/4
OK043R	LARGE	6 1/4



OK041R-OK043R



OK041R



OK042R



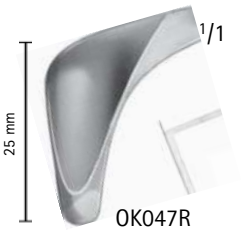
OK043R

HARTMANN-HALLE NASAL SPECULUM W/ SCREW JOINT

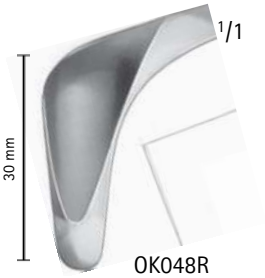


OK047R-OK049R

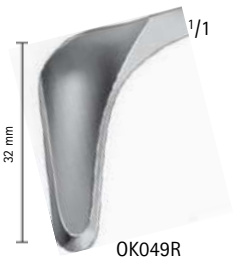
Catalog Number	Blade Size	Length (in.)
OK047R	SMALL	6 1/8
OK048R	MEDIUM	6 1/8
OK049R	LARGE	6 1/8



OK047R



OK048R



OK049R

ENT-NASAL

Specula

TIECK-HALLE NASAL SPECULUM W/ SCREW JOINT, PEDIATRIC

Catalog Number	Blade Size	Length (in.)
OK051R	SMALL	5 1/4
OK052R	LARGE	5 1/4

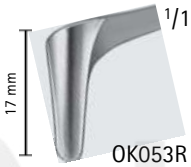






BECKMANN NASAL SPECULUM W/ SCREW JOINT, PEDIATRIC





Catalog Number	Blade Size	Blade Shape	Length (in.)
OK053R	SMALL	LAT-CVD	5 1/2
OK058R	MEDIUM	LAT-CVD	6





SONNENSCHEIN NASAL SPECULUM





Catalog Number	Blade Size	Length (in.)
MB318R	MEDIUM	6

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

ENT-NASAL

Specula

PAPAVERO-HARTMANN (CASPAR) TRANSSPHENOIDAL SPECULUM, SLIM, W/ KEY



FF589R-FF591R

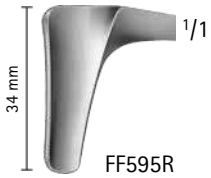


TE749R 1/2

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



FF595R 1/2



FF595R 1/1

ENT-NASAL

Rasps, Files and Saws

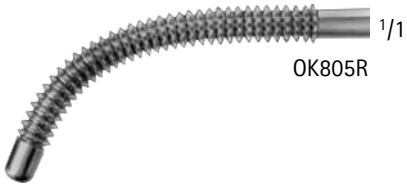
ANTRUM RASP



OK804R-OK805R 1/2



OK804R 1/1



OK805R 1/1

Catalog Number	Tip	Length (in.)
OK804R	SHARP	7
OK805R	BLUNT	7

WEINER ANTRUM RASP TROCAR



MA421R 1/2

Catalog Number	Tip	Length (in.)
MA421R	EXTRA SMALL, TROCAR	7 3/8

ENT-NASAL

Rasps, Files and Saws

AUFRICHT NASAL RASP



OL411R-OL410R 1/2



1/1



1/1

OL411R



1/1



1/1

OL410R

Catalog Number	Tip Size (mm)	Tip	Length (in.)
OL411R	9	DOWN-CUT	8 3/4
OL410R	9	UP-CUT	8 3/4

COTTLE RASP



MA706R 1/2



1/1

MA706R

Catalog Number	Tip	Length (in.)
MA706R	DOWN CUTTING	8 1/4

DIAMOND DUST RASP



MA417R-MA416R 1/2



1/1

MA417R



1/1

MA416R

Catalog Number	Tip	Length (in.)
MA417R	STR	7 3/8
MA416R	CVD	7 3/8

GALLAHER FILE RASP, COARSE



OL412R 1/2



1/1

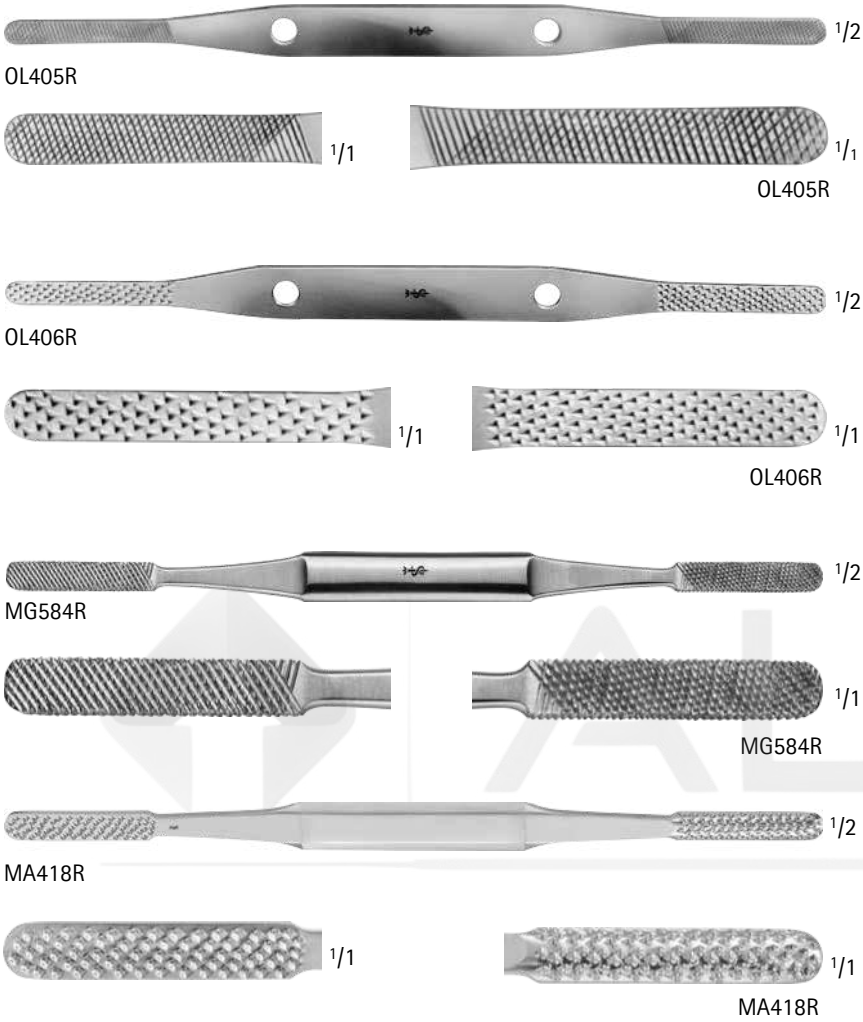
OL412R

Catalog Number	Tip Size (mm)	Length (in.)
OL412R	6.5	7 1/2

ENT-NASAL

Rasps, Files and Saws

FOMON BONE RASP, DOUBLE ENDED



Catalog Number	Tip Size (mm)	Tip	Length (in.)
OL405R	6.5 / 7.5	X-SERR Fine/Coarse	8 1/2
OL406R	6.5 / 7.5	Fine/Coarse	8 1/2
MG584R	8/8	FLAT, CONVEX FINE, COARSE	8 1/2
MA418R	7.5 / 7.5	Coarse/ Xtra-Coarse	8 3/8

JOSEPH NASAL SAW, BAYONET



Catalog Number	Blade Shape	Length (in.)
OL448R	STR	7 3/4
OL451R	CVD RIGHT	7 3/4
OL452R	CVD LEFT	7 3/4

ENT-NASAL

Rasps, Files and Saws

JOSEPH NASAL SAW



OL401R-OL403R



Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL401R	FINE-SERR	7.5	6 1/2
OL403R	COARSE-SERR	9	6 1/2

LEWIS BONE RASP



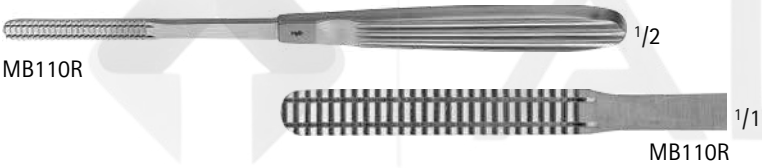
OL408R-OL409R



OL408R OL409R

Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL408R	FINE-SERR DOWN-STROKE	8	6 7/8
OL409R	COARSE-SERR DOWN-STROKE	8	6 7/8

MALTZ-ANDERSON NASAL RASP



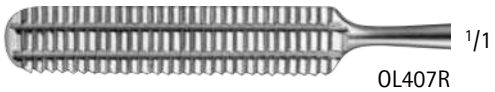
MB110R MB110R

Catalog Number	Tip Size (mm)	Length (in.)
MB110R	5.7	6 1/2

MALTZ BONE RASP



OL407R



OL407R

Catalog Number	Tip Size (mm)	Tip	Length (in.)
OL407R	9	DOWN-STROKE	6 1/2
MA419R	33	DOWN-STROKE	6 1/2
MA420R	33	UP STROKE	6 1/2



MA419R



MA419R



MA420R



MA420R

ENT-NASAL

Rasps, Files and Saws

PARKES NASAL RASP



MB330R



MB330R

Catalog Number	Tip Size (mm)	Length (in.)
MB330R	8	7 7/8

ENT-NASAL

Chisels and Gouges

BALLENGER CHISEL, V-SHAPED



MA013R-MA016R



MA013R-MA016R

Catalog Number	Tip Size (mm)	Length (in.)
MA013R	2	5 7/8
MA014R	4	5 7/8
MA016R	8	5 7/8

BALLENGER SEPTUM GOUGE



OL318R



OL318R

Catalog Number	Tip Size (mm)	Length (in.)
OL318R	6	6

CONVERSE GUARDED CHISEL



MA017R



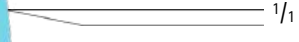
MA018R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
MA017R	6	CVD RIGHT	7 1/2
MA018R	6	CVD LEFT	7 1/2

COTTLE CHISEL W/ DEPTH MARKS



OL301R-OL304R



OL301R-OL304R

Catalog Number	Tip Size (mm)	Length (in.)
OL301R	4	7
OL302R	7	7
OL303R	9	7
OL304R	12	7

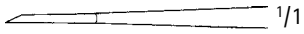
ENT-NASAL

Chisels and Gouges

FREER CHISEL



OL311R



OL311R



OL314R



OL314R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
OL311R	4	STR	6 1/4
OL314R	4	CVD	6 1/4

PAPAVERO BAYONET CHISEL



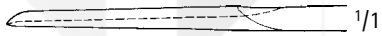
FF610R

Catalog Number	Tip Size (mm)	Length (in.)
FF610R	4	8 3/4

FREER SEPTUM GOUGE



OL316R



OL316R

Catalog Number	Tip Size (mm)	Length (in.)
OL316R	4	6

KILLIAN SEPTUM GOUGE, BAYONET



OL336R



OL336R

Catalog Number	Tip Size (mm)	Length (in.)
OL336R	6	6 3/4

PARKES HUMP GOUGE, DOUBLE GUARD



MB108R, MA629R



MB108R, MA629R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
MB108R	10	STR	7
MA629R	6	STR	7

ENT-NASAL

Osteotomes

ANDERSON-NEIVERT OSTEOTOME



1/2

MA382R



1/2

MA381R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
MA382R	5	CVD RIGHT	8
MA381R	5	CVD LEFT	8

CHERRY OSTEOTOME



1/2

MB590R-MB594R



1/1

MB590R-MB594R

Catalog Number	Tip Size (mm)	Length (in.)
MB590R	3	8
MB591R	4	8
MB592R	5	8
MB593R	6	8
MB594R	7	8

CINELLI OSTEOTOME, DOUBLE GUARD



1/2

MA369R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
MA369R	10	CVD	6 1/8

CINELLI OSTEOTOME, DOUBLE GUARD



1/2

OL326R-OL329R



1/1

OL326R



1/1

OL327R



1/1

OL328R



1/1

OL329R

Catalog Number	Tip Size (mm)	Blade	Length (in.)
OL326R	10	STR	6 1/4
OL327R	12	STR	6 1/4
OL328R	14	STR	6 1/4
OL329R	16	STR	6 1/4

ENT-NASAL

Osteotomes

CONVERSE OSTEOTOME



1/2

MB398R-MB403R



1/1

MB398R-MB403R

Catalog Number	Tip Size (mm)	Length (in.)
MB398R	2	7
MB399R	4	7
MB400R	6	7
MB401R	8	7
MB402R	10	7
MB403R	12	7

COTTLE OSTEOTOME, W/ DEPTH MARK



1/2

OL294R-OL300R



1/1

OL294R-OL300R

Catalog Number	Tip Size (mm)	Length (in.)
OL294R	4	7
OL296R	6	7
OL298R	8	7
OL299R	10	7
OL300R	12	7

COTTLE OSTEOTOME, CURVED



1/2

OL305R

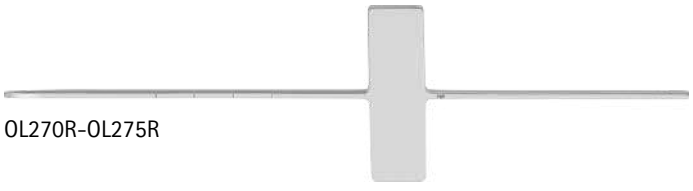


1/1

OL305R

Catalog Number	Tip Size (mm)	Length (in.)
OL305R	6	7

COTTLE OSTEOTOME W/ CROSS BAR



1/2

OL270R-OL275R



1/1

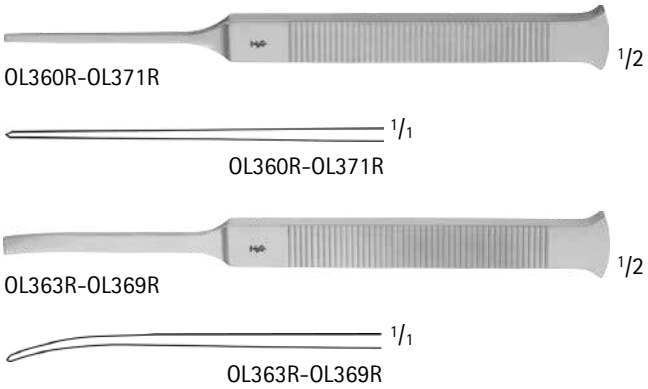
OL270R-OL275R

Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
OL270R	2	STR	7
OL271R	4	STR	7
OL272R	6	STR	7
OL273R	7	STR	7
OL274R	9	STR	7
OL275R	12	STR	7

ENT-NASAL

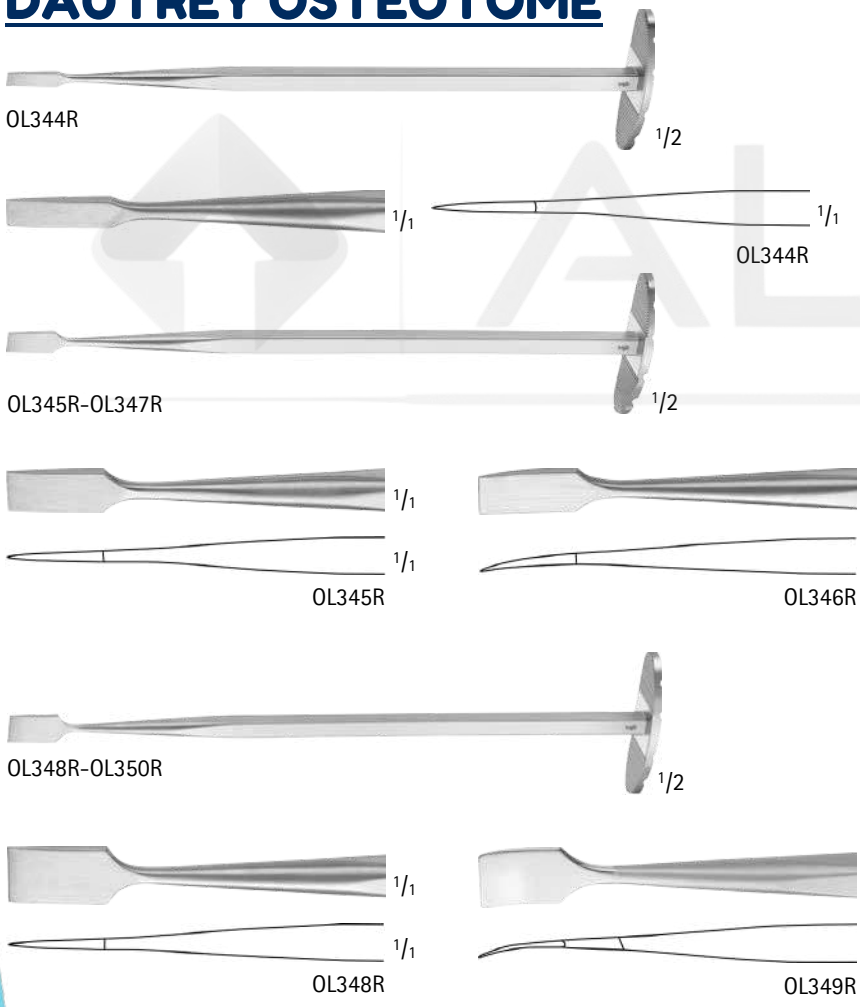
Osteotomes

TESSIER OSTEOTOME



Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
OL360R	2.5	STR	6 1/4
OL361R	3.5	STR	6 1/4
OL362R	5	STR	6 1/4
OL366R	7	STR	6 1/4
OL368R	10	STR	6 1/4
OL370R	14	STR	6 1/4
OL371R	18	STR	6 1/4
OL363R	5	CVD	6 1/4
OL367R	7	CVD	6 1/4
OL369R	10	CVD	6 1/4

DAUTREY OSTEOTOME



Catalog Number	Tip Size (mm)	Blade Shape	Length (in.)
OL344R	4	STR	6 3/4
OL345R	6	STR	6 3/4
OL346R	6	SLIGHTLY CVD	6 3/4
OL347R	6	STRONGLY CVD	6 3/4
OL348R	8	STR	6 3/4
OL349R	8	SLIGHTLY CVD	6 3/4
OL350R	8	STRONGLY CVD	6 3/4

ENT-NASAL

Osteotomes

FOMON OSTEOTOME, SINGLE GUARD



OL338R-OL339R

1/2



OL338R

1/1



OL339R

1/1

Catalog Number	Tip Size (mm)	Length (in.)
OL338R	5	6 3/4
OL339R	8	6 3/4

MASING OSTEOTOME, SINGLE GUARD



OL323R

1/2



OL321R

1/2



OL322R

1/2

Catalog Number	Blade	Length (in.)
OL323R	STR	6 7/8
OL321R	LEFT-CVD	6 7/8
OL322R	RIGHT-CVD	6 7/8

OBEWESGESER NASAL OSTEOTOME



MA332R

1/2



MA333R

1/2



MA334R

1/2

Catalog Number	Tip Size (mm)	Length (in.)
MA332R	6	7 1/4
MA333R	8	7 1/4
MA334R	4	7 1/2

OSTEOTOME W/ HEXAGONAL HANDLE



MB404R-MB373R

1/2



MB404R-MB373R

1/1

Catalog Number	Tip Size (mm)	Length (in.)
MB404R	2	6 1/4
MB405R	3	6 1/4
MB406R	4	6 1/4
MB407R	5	6 1/4
MB408R	6	6 1/4
MB409R	7	6 1/4
MB410R	8	6 1/4
MB411R	9	6 1/4
MB412R	10	6 1/4
MB413R	11	6 1/4
MB373R	12	6 1/4

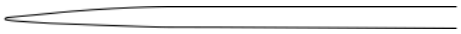
ENT-NASAL

Osteotomes

RUBIN OSTEOTOME, W/ FINGER GRIP



MA384R



MA384R



MB388R



MB389R

Catalog Number	Tip Size (mm)	Length (in.)
MA384R	14	6 1/4
MB388R	10	6 1/2
MB389R	14	6 1/2

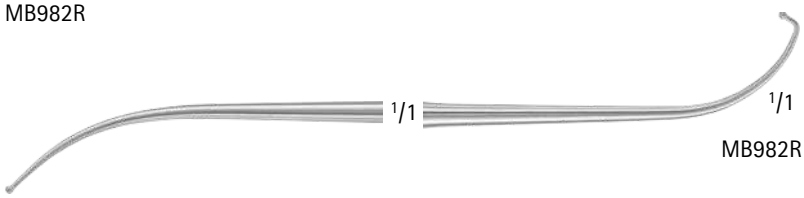
ENT-NASAL

Applicators and Probes

FRONTAL OSTIUM SEEKER PROBE, DOUBLE ENDED



MB982R



MB982R

Catalog Number	Tip	Length (in.)
MB982R	CVD RIGHT, ANG	8 1/4

MAXILLARY SINUS SEEKER PROBE, DOUBLE ENDED



MA642R

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MA642R	BALL	1.5 / 2	7 1/2

SKILLERN SINUS PROBE



MA408R

Catalog Number	Tip	Length (in.)
MA408R	MALLEABLE W/ BEADS AT 50, 70, AND 90 MM	6 3/4

ENT-NASAL

Knives

BALLENGER SWIVEL KNIFE, BAYONET



OL354R-OL356R

1/2

Catalog Number	Blade Size (mm)	Length (in.)
OL354R	4 x 3	8 1/4
OL355R	5 x 4	8 1/4
OL356R	6 x 5	8 1/4



1/1

OL354R



1/1

OL355R



1/1

OL356R

BALLENGER SWIVEL KNIFE, STRAIGHT



1/2

MA205R-MA207R



1/1

MA205R-MA207R

Catalog Number	Blade Width (mm)	Length (in.)
MA205R	3	7 1/2
MB119R	3	7 3/4
MB118R	4	7 3/4
MA207R	5	7 1/2



1/2

MB119R-MB118R



1/1

MB119R



1/1

MB118R

CONVERSE SEPTUM KNIFE, BUTTON END



1/2

OL109R



1/1

OL109R

Catalog Number	Blade	Length (in.)
OL109R	CVD	6

COTTLE SEPTUM KNIFE, ROUND END



1/2

OL113R



1/1

OL113R

Catalog Number	Blade	Length (in.)
OL113R	STR	5 1/2

ENT-NASAL

Knives

FREER SEPTUM KNIFE







Catalog Number	Blade Shape	Blade Size (mm)	Length (in.)
OL120R	"D" SHAPED	3	6
MA212R	"D" SHAPED	3	6 1/8
MA211R	ANG	5 x 8	7

JOSEPH KNIFE, BUTTON END





Catalog Number	Tip	Length (in.)
OL111R	STR	5 1/2
OL107R	CVD	6 7/8

JOSEPH KNIFE, DOUBLE EDGE





Catalog Number	Blade	Blade Size (mm)	Length (in.)
OL102R	STR	5 x 23	5 3/4
OL104R	CVD	5 x 23	5 3/4

ENT-NASAL

Suction and Irrigation

SUCTION TUBE, ANGLED

Catalog Number	Tip	Tip Size (Gauge)	Length (in.)
MA010R	ANG	13	3



MA010R

NASAL SUCTION TUBE W/ LUER HUB, TAPERED

Catalog Number	Tip Size (mm)	Length (in.)
GF919R	5	7



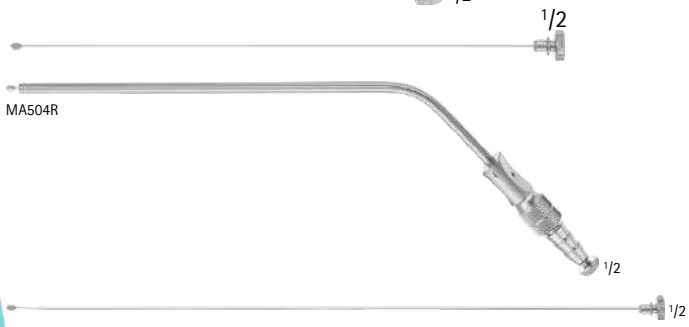
GF919R

FERGUSON-FRAZIER SUCTION TUBE

Catalog Number	Tip	Tip Size (FR)	Working Length (in.)	Length (in.)
MA505R	ANG	8	7 7/8	10 1/4
MA506R	ANG	10	7 7/8	10 1/4
MA508R	ANG	14	4	6 1/2
MA504R	ANG	14	5 7/8	8



MA505R-MA508R



MA504R

FRAZIER SUCTION TUBE, STRAIGHT

Catalog Number	Tip	Working Length (in.)	Length (in.)
MA500R	STR	5 1/2	6 7/8



MA500R

FRAZIER SUCTION TUBE W/ LUER HUB

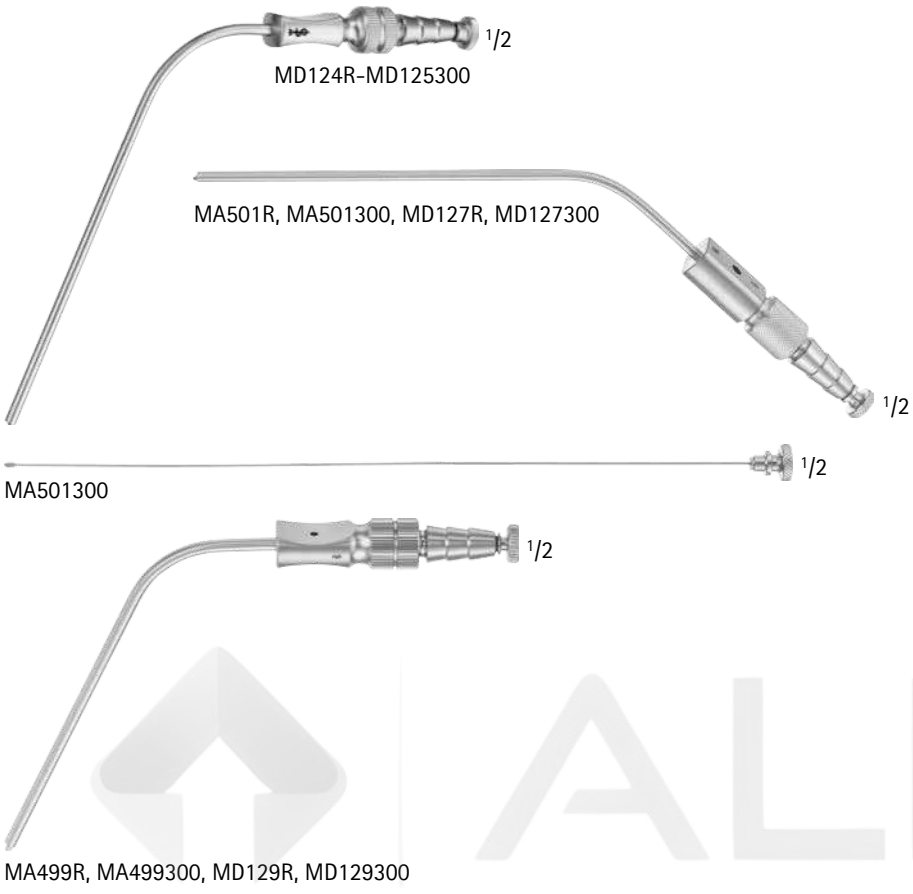
Catalog Number	Tip Size (FR)	Length (in.)
GF923R	9	7
GF925R	15	7



GF923R-GF925R

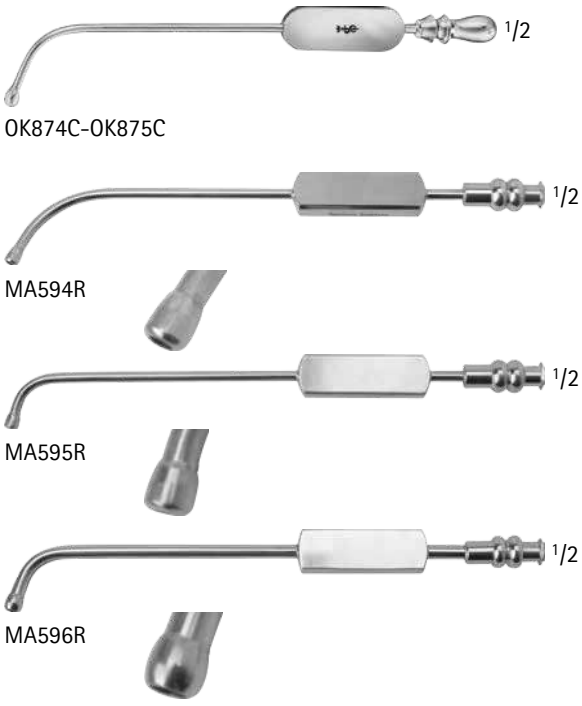
ENT-NASAL

Suction and Irrigation



FRAZIER SUCTION TUBE

Catalog Number	Tip Size (FR)	Description	Working Length (in.)
MD124R	7		4 1/4
MD124300	7	SUCTION STYLET W/ OLIVE TIP FOR MD124R	
MD125R	8		4 1/4
MD125300	8	SUCTION STYLET W/ OLIVE TIP FOR MD125R	
MA501R	9		4 1/4
MA501300		SUCTION STYLET W/ OLIVE TIP FOR MA501R	
MD127R	10		4 1/4
MD127300	10	SUCTION STYLET W/ OLIVE TIP FOR MD127R	
MA499R	11		4 1/4
MA499300	11	SUCTION STYLET W/ OLIVE TIP FOR MA499R	
MD129R	12		4 1/4
MD129300	12	SUCTION STYLET W/ OLIVE TIP FOR MD129R	



EICKEN ANTRUM SUCTION TUBE, BULBOUS

Catalog Number	Tip	Diameter (mm)	Length (in.)
OK874C	SMALL	2.5	5 1/8
OK875C	LARGE	3	5 1/8
MA594R	LONG CURVE	3	5 5/8
MA595R	SHORT CURVE	3	5 5/8
MA596R	SHORT CURVE	4	5 5/8

ENT-NASAL

Suction and Irrigation

KILLIAN ANTRUM CANNULA

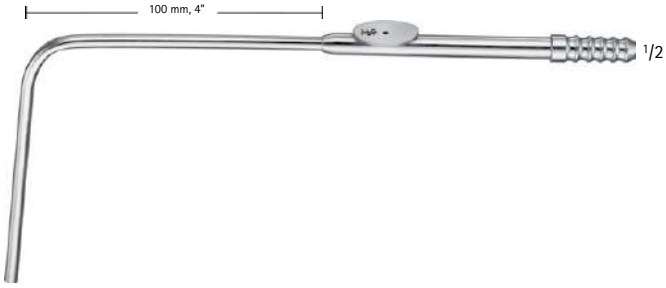
Catalog Number	Tip Size	Tip Size (#)	Length (in.)
MA011R	SMALL	1	5
MA012R	LARGE	2	5



MA011R-MA012R

SACHS SUCTION TUBE

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



MB635R-MB636R

GORNEY SUCTION DISSECTOR, ELEVATOR

Catalog Number	Tip Size (mm)	Length (in.)
OL168R	6-10	7
MA142R	3	8 1/2



OL168R



MA142R

HAJEK IRRIGATING CANNULA

Catalog Number	Diameter (mm)	Length (in.)
OK900	3.5	6 1/2



OK900

HOUSE CUTO ADAPTER

Catalog Number	Tip	Tip Size (mm)
MA607R	TUBING END	4



MA607R

STOPCOCK LUER ADAPTER, FEMALE TO MALE

Catalog Number	Description
MA716R	FEMALE TO MALE LUER LOCK W/ FEMALE RIGHT



MA716R

LUER ADAPTER

Catalog Number	Description
MA715R	MALE LUER LOCK-TO-HOSE



MA715R

info@royalinternational.org | +91 98142 62255 | www.alis.in

ENT-NASAL

Mallets, Hammers and Tamps

COTTLE MALLET, FLAT/ROUND, 235GR

Catalog Number	Diameter (mm)	Length (in.)
FL038R	30	7 1/4



FL038R

MALLET, 155GR

Catalog Number	Diameter (mm)	Length (in.)
DF114R	25	7 1/2



DF114R

CRANE MALLET

Catalog Number	Diameter (mm)	Length (in.)
MB303R	32	6 1/4



MB303R

LEAD MALLET

Catalog Number	Diameter (mm)	Handle	Description	Length (in.)
MA239R	25	LARGE	LEAD FILLED	7 1/16



MA239R

MALLET W/ REMOVABLE NYLON DISCS, 135GR

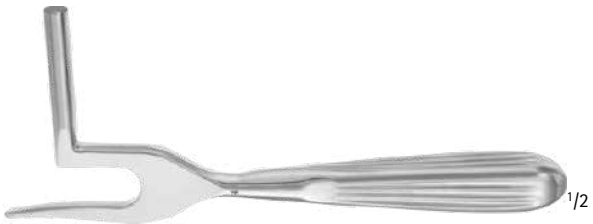
Catalog Number	Description	Diameter (mm)	Length (in.)
FL036R	COMPLETE	25	7 1/4
FL037	NYLON SPARE DISCS, F/FL036R, 2/SET	25	



FL036R-FL037

QUISLING INTRANASAL HAMMER

Catalog Number	Length (in.)
MA338R	6 3/4



MA338R

ENT-NASAL

Mallets, Hammers and Tamps

BONE TAMP

Catalog Number	Diameter (mm)	Length (in.)
FL093R	3	6 1/4
FL094R	5	6 1/4
FL095R	7	6 1/4
FL096R	9	6 1/4



FL093R-FL096R



FL093R FL094R FL095R FL096R

ENT-NASAL

Curettes

ANTRUM CURETTE

Catalog Number	Tip	Tip Size (mm)	Length in.)
MA589R	OBLONG	-	7 1/2
MA588R	OVAL CUP	7 x 11	7 1/2
MA592R	OVAL CUP	8 x 11	7 1/2
MA593R	OVAL CUP	9 x 13	7 1/2
FK651R	OVAL CUP, ANG	9.5 x 4	7 1/2
FK652R	OVAL CUP, ANG	6 x 3	7 1/2
FK653R	55° CVD	6 x 3	7 1/2
FK654R	90° CVD	6 x 3	7 1/2
MA591R	BACKWARD CUTTING	7 x 10	7 1/2
MA590R	FORWARD CUTTTING	7 x 10	7 1/2



MA589R-MA593R



MA589R



MA592R



MA588R



MA593R



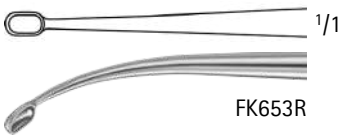
FK651R-FK654R



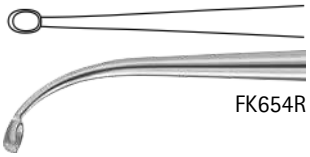
FK651R



FK652R



FK653R



FK654R



MA591R



MA591R



MA590R

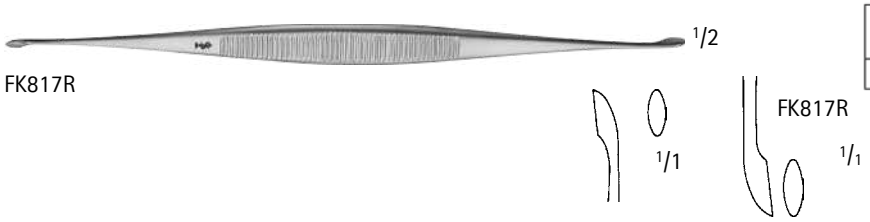


MA590R

ENT-NASAL

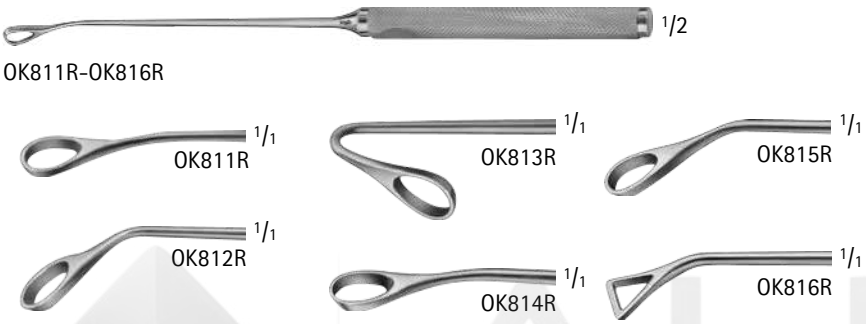
Curettes

BARTH BONE CURETTE, DOUBLE ENDED



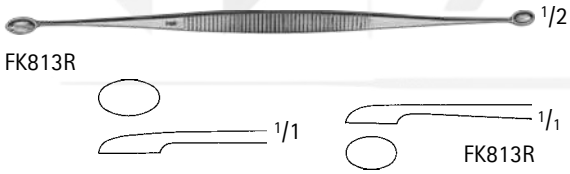
Catalog Number	Tip Size (mm)	Length (in.)
FK817R	2.3 x 6.0 / 2.7 x 7.0	7

COAKLEY ANTRUM CURETTE



Catalog Number	Blade	Size (#)	Length (in.)
MB799R	-	SET OF 6 INCLUDES OK811R-OK816R	-
OK811R	SLIGHT ANG	1	6 3/4
OK812R	45°	2	6 3/4
OK813R	REV ANG	3	6 3/4
OK814R	SLIGHT ANG	4	6 3/4
OK815R	45°	5	6 3/4
OK816R	45°	6	6 3/4

JACOBSON BONE CURETTE, DOUBLE ENDED



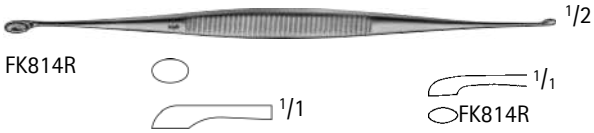
Catalog Number	Tip Size (mm)	Length (in.)
FK813R	4.3 x 6.5 / 4.5 x 8.5	5 1/2

JANSEN BONE CURETTE, DOUBLE ENDED



Catalog Number	Diameter (mm)	Length (in.)
FK803R	4.3 / 3.6	6 1/4

WILLIGER BONE CURETTE, DOUBLE ENDED

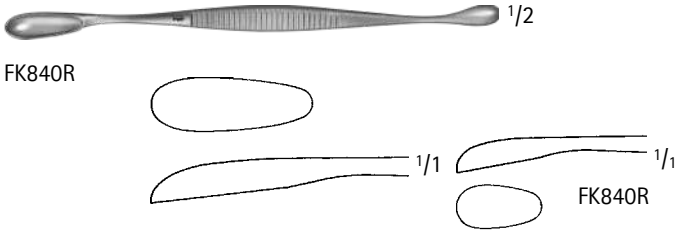


Catalog Number	Tip Size (mm)	Length (in.)
FK814R	2.0 x 3.5 / 3.0 x 4.5	5 3/4

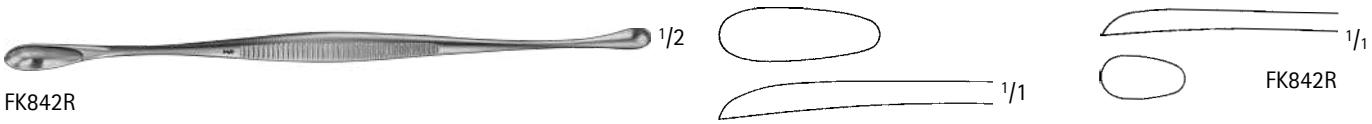
ENT-NASAL

Curettes

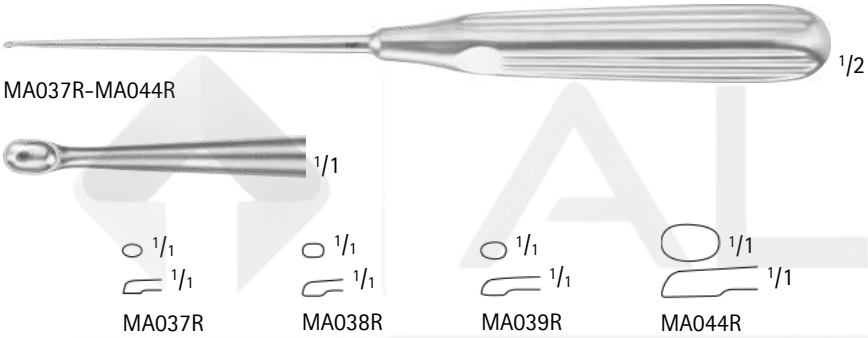
VOLKMANN BONE CURETTE, DOUBLE ENDED



Catalog Number	Tip Size (mm)	Length (in.)
FK840R	7.5 x 21.0 / 6.0 x 11.0	5 1/8
FK842R	7.5 x 21.0 / 6.0 x 11.0	6 3/4

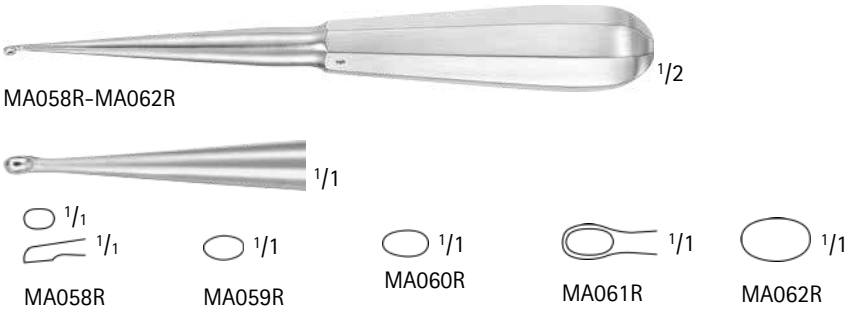


LEMPERT BONE CURETTE



Catalog Number	Size (#)	Length (in.)
MA037R	000000	8
MA038R	00000	8
MA039R	0000	8
MA044R	2	8

SPRATT MASTOID CURETTES



Catalog Number	Tip Size (mm)	Size (#)	Length (in.)
MA058R	2.5 x 4	00	6 1/2
MA059R	3 x 5	0	6 1/2
MA060R	3.5 x 6	1	6 1/2
MA061R	4.5 x 8	3	6 1/2
MA062R	5.5 x 9	4	6 1/2

ENT-NASAL

Rongeurs

ALEXANDER BONE RONGEUR



Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO440R	3.2 x 27	ANG	5 1/2

BANE-HARTMANN BONE RONGEUR



Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO457R	4.0 x 32	CVD	6 7/8

BEYER BONE RONGEUR





Catalog Number	Jaw Size (mm)	Jaw	Handle	Length (in.)
FO453R	3.2 x 32	CVD	Single Action	7
FO514R	4.0 x 30	CVD	Double Action	7

BLUMENTHAL BONE RONGEUR



Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO415R	3.5 x 25	CVD	6 1/8

ENT-NASAL

Rongeurs

BOEHLER BONE RONGEUR, DOUBLE ACTION







Catalog Number	Jaw Size (mm)	Jaw	Jaw End	Length (in.)
FO500R	3.0 x 27	CVD	NARR	6 1/8
FO502R	3.5 x 30	CVD	WIDE	6 1/8

BONE RONGEUR





Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO410R	3.8 x 19	CVD	5 1/2

FRIEDMANN MICRO RONGEUR







Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO406R	1.3 x 19	STR	5 1/2
FO407R	1.3 x 20	CVD	5 1/2

JANSEN BONE RONGEUR

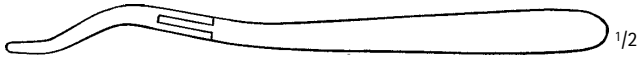






Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO430R	4.2 x 35	STR	6 7/8
FO432R	4.5 x 30	CVD	6 7/8
FO442R	3.8 x 37	ANG	7 1/2



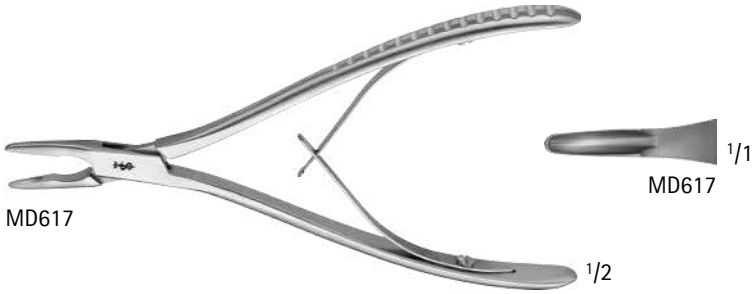




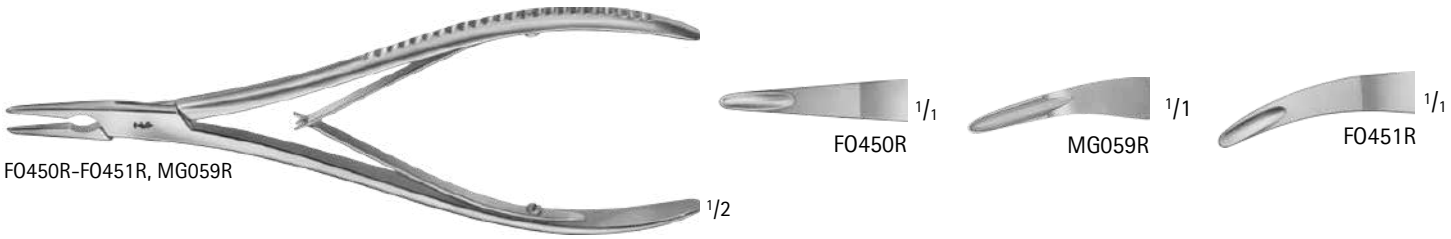
ENT-NASAL

Rongeurs

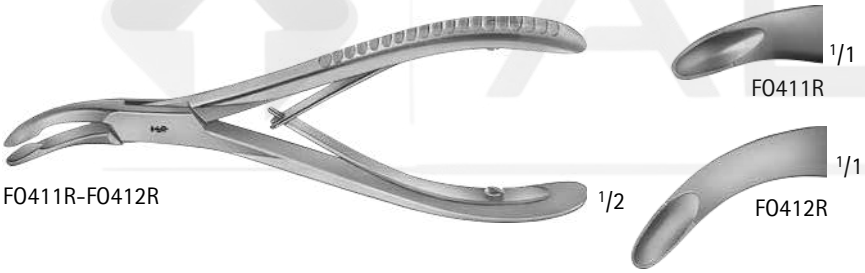
LEMPERT BONE RONGEUR



Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MD617	2.0 x 23	DEL, STR	6 1/2
FO450R	2.2 x 27	STR	7 7/8
MG059R	2.5 x 30	CVD	6 1/4
FO451R	2.2 x 27	CVD	7 7/8



LUER BONE RONGEUR



Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO411R	4.2 x 20	CVD	6
FO412R	4.2 x 26	STRONG CVD	6 1/8

LUER-FRIEDMANN BONE RONGEUR



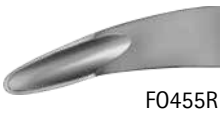
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO409R	2.2 x 22	CVD	5 3/4

Rongeurs

MEAD BONE RONGEUR



FO455R 1/2



FO455R 1/1

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO455R	3.5 x 30	CVD	6 1/2

ZAUFAL-JANSEN BONE RONGEUR, DOUBLE ACTION



FO515R 1/2



FO515R 1/1

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO515R	4.5 x 29	CVD	7