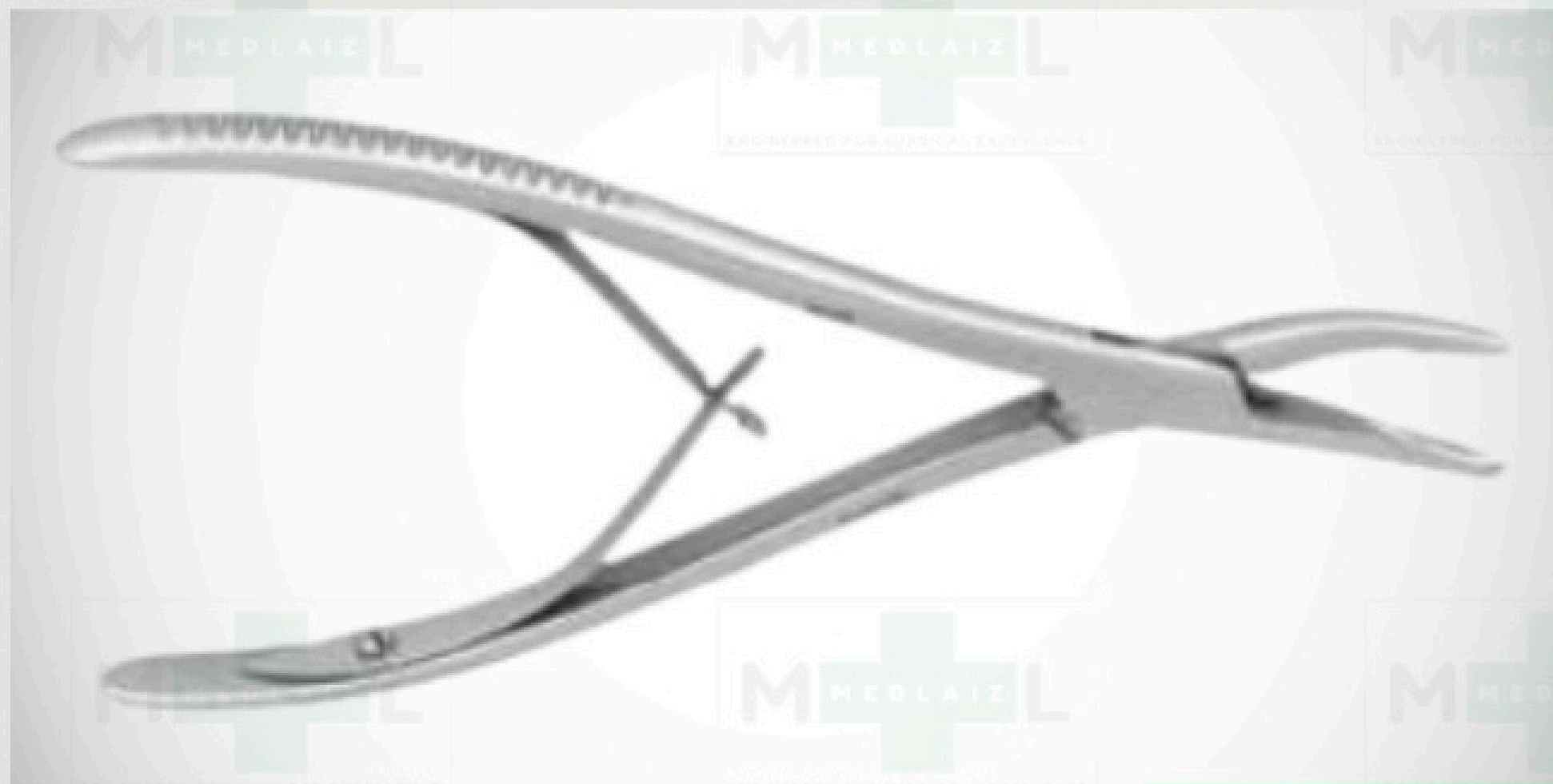


# RONGEURS

Rongeurs are used for trimming, shaping, and removing small pieces of bone or soft tissue in orthopedic procedures. Featuring sharp, scoop-shaped jaws, they provide precise cutting action with minimal effort. Made from high-quality surgical stainless steel, our Rongeurs offer smooth operation, durability, and a firm grip for controlled and efficient performance in delicate surgical areas.



# SINGLE ACTION DESIGN

## SYNOVECTOMY RONGEURS

2 x 5 mm bite, extremely delicate



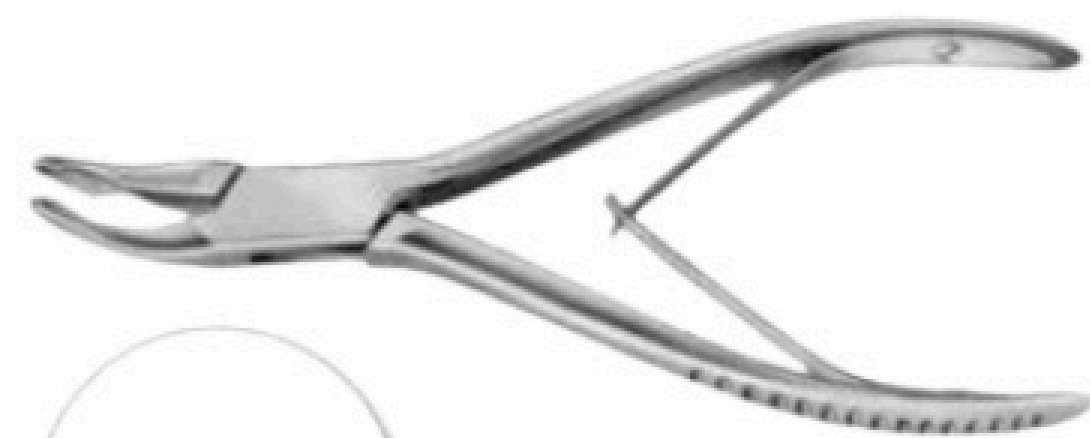
CODE #	DESCRIPTION
ML47252	Slightly curved, 6-7/8" (17.5 cm)
ML47253	Strongly curved, 6-3/4" (17 cm)

## RONGEUR #4A



CODE #	DESCRIPTION
ML47275	Curved, 4 x 7 mm bite, 6-1/2" (16.5 cm)

## RONGEUR #4



CODE #	DESCRIPTION
ML47274	Curved, 4 x 9 mm bite, 5-1/2" (14 cm)

## MICRO FRIEDMAN RONGEURS

1.5 x 5 mm bite. For soft tissue and cancellous bone only. Extremely delicate.



CODE #	DESCRIPTION
ML47240	Straight, 5-3/4" (14.5 cm)
ML47242	30 degree angled, 5-1/2" (14 cm)
ML47244	90 degree angled, 5-1/2" (14 cm)

## MINI FREIDMAN FONGEURS

Delicate, 2 x 8 mm bite, 6" (15 cm)



CODE #	DESCRIPTION
ML47263	Straight
ML47264	Curved

## KLEINERT-KUTZ SYNOVECTOMY RONGEUR



CODE #	DESCRIPTION
065202	25 degrees strongly curved, 5-1/4" (13.5 cm)

## FRIEDMAN RONGEUR



CODE #	DESCRIPTION
ML47262	Curved, delicate, 4 x 11 mm bite, 5-3/4" (14.5 cm)

## BACON RONGEUR



CODE #	DESCRIPTION
ML47308	Curved on side, 5 x 15 mm bite, 8" (20.5 cm)

## BANE RONGEUR

Curved, 3 x 16 mm bite, 7" (18 cm)



CODE #	DESCRIPTION
ML47310	25 degrees strongly curved, 5-1/4" (13.5 cm)

## CHICHIRELLI (BLUMENTHAL) RONGEUR



CODE #	DESCRIPTION
ML47267	Curved 45 degrees, 4 x 13 mm bite, 6" (15 cm)

## DEAN RONGEUR



CODE #	DESCRIPTION
ML47286	Curved, 3 mm bite, 5-3/4" (14.5 cm)

## LEMPERT RONGEURS

Delicate, 3 x 7 mm bite



CODE #	DESCRIPTION
ML47258	Straight, 6" (15 cm)
ML47260	Curved, 6" (15 cm)
ML47254	Straight, 7-1/2" (19 cm)
ML47256	Curved, 7-1/2" (19 cm)

## BEYER BONE BITING RONGEUR



CODE #	DESCRIPTION
028120	Curved jaw, 16 x 3 mm cup, 6-3/4" (17 cm)

## MEAD RONGEUR



CODE #	DESCRIPTION
ML47276	Curved, 5 x 13 mm bite, 6-1/2" (16.5 cm)

## HARTMANN RONGEUR



CODE #	DESCRIPTION
ML47285	Curved, 4 x 14 mm bite, 7-1/4" (18.5 cm)

## ADSON RONGEURS

7 x 15 mm bite, 8" (20.5 cm).



CODE #	DESCRIPTION
ML47302	Straight
ML47306	Curved

## DEAN (BLUMENTHAL) RONGEURS

4 x 11 mm, 6" (15 cm).



CODE #	DESCRIPTION
ML47266	Curved 30 degrees
ML47268	Curved 90 degrees

## LEUR RONGEURS

8 x 12 mm bite, 7-1/8" (18 cm).



CODE #	DESCRIPTION
ML47278	Straight
ML47284	Curved

## ADSON RAT TOOTH RONGEUR

Teeth facilitate easier bone excision.



CODE #	DESCRIPTION
ML47285	Straight with teeth, 8 x 15 mm bite, 8" (20.5 cm)

## KLEINERT-KUTZ SYNOVECTOMY RONGEUR



CODE #	DESCRIPTION
ML47558	Fully curved, delicate, 3 mm bite, 6-1/8" (15.5 cm)

## DOUBLE ACTION DESIGN

## KLEINERT-KUTZ SYNOVECTOMY RONGEUR



CODE #	DESCRIPTION
ML47553	Curved on side, delicate, 2 x 10 mm bite, 6" (15 cm)

## KLEINERT-KUTZ DOUBLE ACTION RONGEUR



CODE #	DESCRIPTION
065212	10 degrees lightly curved, 18.5 x 5 mm cup, 7-1/4" (18.5 cm)

## BEYER RONGEURS

Curved, 7" (18 cm).



CODE #	DESCRIPTION
ML47520	3 x 14 mm bite
ML47522	4 x 15 mm bite

## KLEINERT-KUTZ SYNOVECTOMY RONGEURS

Delicate, 6-1/8" (15.5 cm).



CODE #	DESCRIPTION
ML47560	Curved, 2 mm bite
ML47562	Curved, 3 mm bite

## RUSKIN RONGEURS

6" (15.5 cm).



CODE #	DESCRIPTION
ML47523	Straight, 2 x 14 mm bite
ML47532	Straight, 3 x 15 mm bite
ML47533	Curved, 2 x 15 mm bite
ML47534	Curved, 3 x 15 mm bite

## RUSKIN RONGEUR

7-1/4" (18.5 cm).



CODE #	DESCRIPTION
ML47526	Straight, 4 x 16 mm bite
ML47528	Straight, 6 x 16 mm bite
ML47531	Curved, 6 x 16 mm bite

## RUSKIN RONGEUR



CODE #	DESCRIPTION
ML47525	Curved, 5 x 10 mm bite, 7-1/4" (18.5 cm)

## RUSKIN RONGEUR



CODE #	DESCRIPTION
341836	Double action, curved, 4 mm bite, 6-1/8" (15.5 cm)

## ZAUFAL-JANSEN RONGEUR



CODE #	DESCRIPTION
ML47524	Curved, 5 x 15 mm bite, 7" (18 cm)

## SMITH-PETERSON LAMINECTOMY RONGEURS

3 x 16 mm bite, 9-1/2" (24 cm).



CODE #	DESCRIPTION
ML47474	Straight
ML47476	Curved
ML47478	Full curved

## SMITH-PETERSON LAMINECTOMY RONGEUR



CODE #	DESCRIPTION
ML47525	Double action, curved 15 degrees, 7-1/2" (19 cm)

## STILLE-LUER ECHLIN DUCKBILL RONGEURS

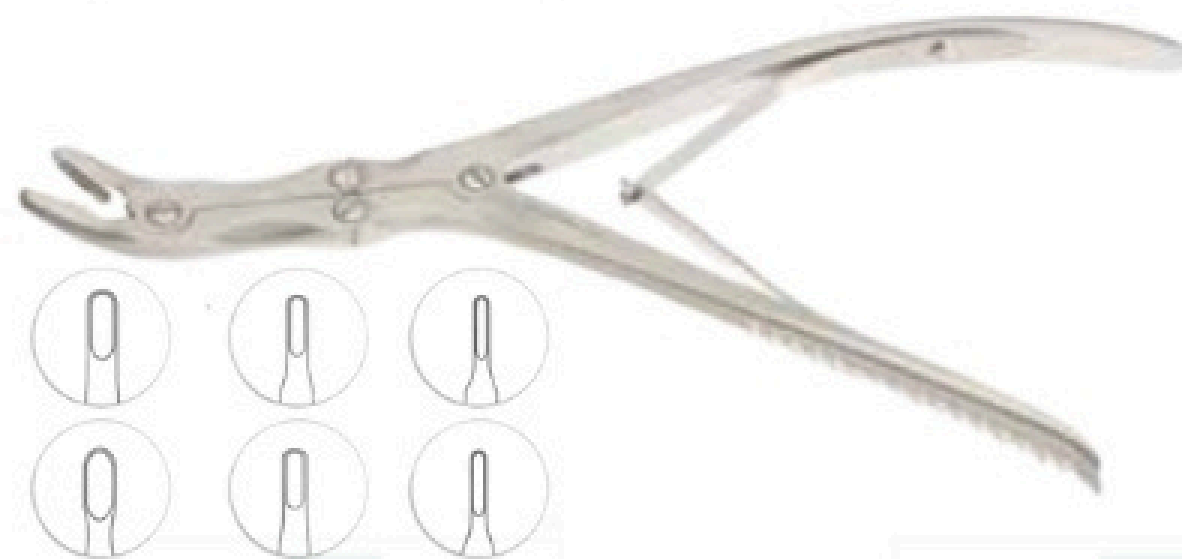
Curved on side, 9" (23 cm)



CODE #	DESCRIPTION
ML47472	6 x 13 mm bite
ML47473	6 x 15 mm bite

## LEKSELL RONGEURS

Curved 50 degrees, 9-1/2" (24 cm).



CODE #	DESCRIPTION
ML47494	3 x 13 mm bite
ML47495	4 x 13 mm bite
ML47497	5 x 13 mm bite
ML47498	6 x 13 mm bite
ML47499	7 x 13 mm bite
ML47496	8 x 16 mm bite

## LEKSELL RONGEURS

Curved 15 degrees, 9" (23 cm)



CODE #	DESCRIPTION
ML47492	3 x 16 mm bite
ML47486	4.5 x 16 mm bite
ML47487	5 x 16 mm bite
ML47488	6 x 16 mm bite
ML47489	7 x 16 mm bite
ML47490	8 x 16 mm bite

## STILLE-LEUR RONGEURS



CODE #	DESCRIPTION
ML47458	Straight, 10 x 18 mm, 8-1/2" (21.5 cm)
ML47462	Straight, 10 x 18 mm, 10-1/2" (26.5 cm)
ML47460	Curved, 10 x 18 mm, 8-3/8" (21 cm)
ML47464	Curved, 10 x 18 mm, 10-1/2" (26.5 cm)
ML47461	Curved on side, 10 x 16 mm, 8-1/2" (21.5 cm)

# ECHLIN DUCKBILL RONGEURS

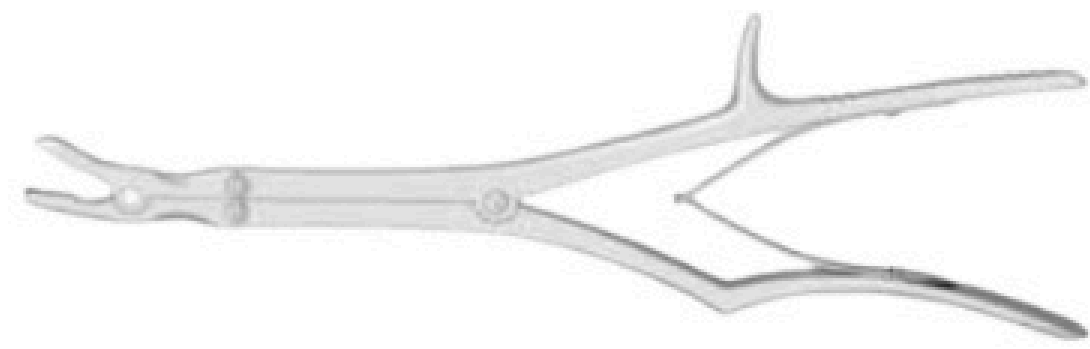
Curved on side, 9" (23 cm)



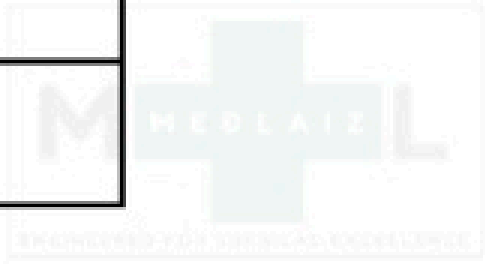
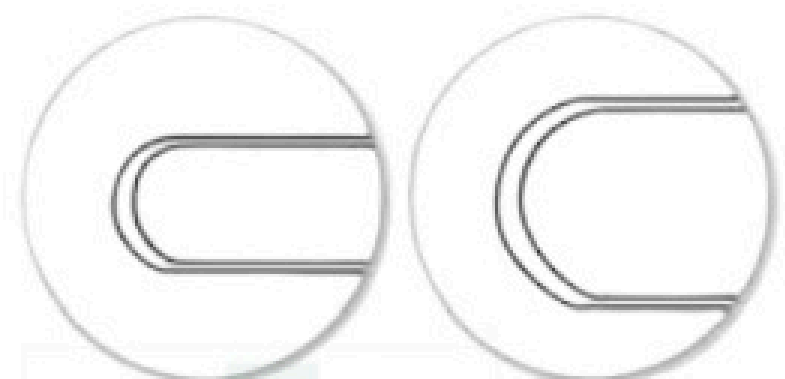
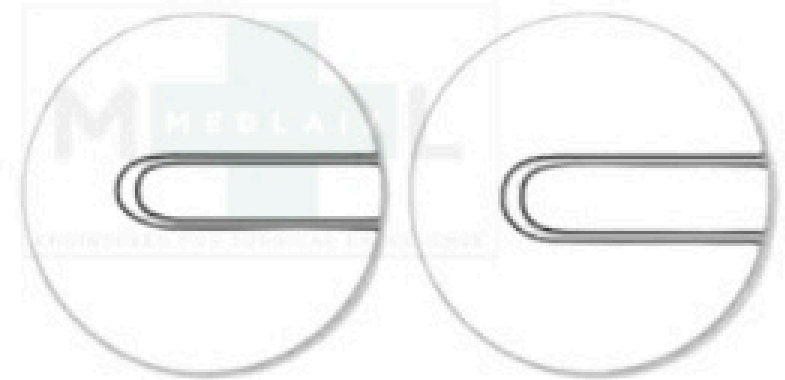
CODE #	DESCRIPTION
ML47480	2 x 12 mm bite
ML47482	3 x 12 mm bite
ML47484	4 x 12 mm bite

# SYPERT RONGEURS

14" (35.5 cm).



CODE #	DESCRIPTION
ML47380	4 x 16 mm
ML47382	5 x 16 mm
ML47384	8 x 16 mm
ML47386	12 x 16 mm



# SPINAL RONGEURS AND PUNCHES

## HANDLE STYLES



STYLE I  
Ring Handle  
Handle Height 4"



STYLE II  
Kerrison Handle  
Handle Height 6-1/4"



STYLE III  
Love-Kerrison Handle  
(Cherry)  
Handle Height 6"



STYLE IV  
Large Kerrison Handle  
Handle Height 6-1/4"



STYLE V  
Small Kerrison Handle  
Handle Height 5"



STYLE VI  
Ferris-Smith  
Kerrison Ring Handle  
Handle Height 5"



STYLE VII  
Spurling Kerrison Handle  
Handle Height 4-3/4"  
Wider grip improves  
comfort and control.



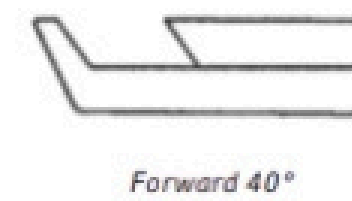
STYLE VIII  
Medium Kerrison Handle  
Handle Height 5-1/4"



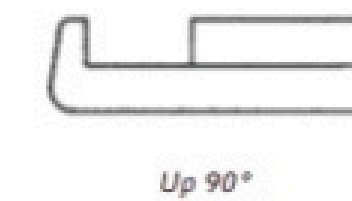
SHAFT LENGTH measured in closed position

## IDENTIFICATION CHART

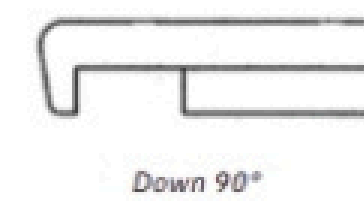
BITE STYLES *punch jaws, thin footplate*



Forward 40°

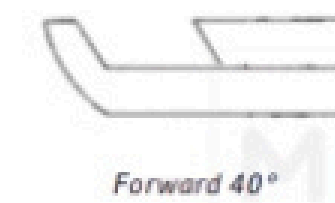


Up 90°

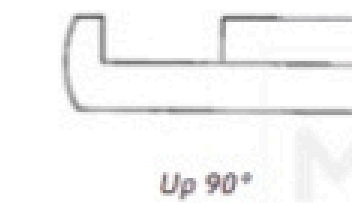


Down 90°

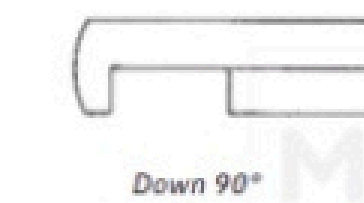
BITE STYLES *punch jaws, regular footplate*



Forward 40°



Up 90°

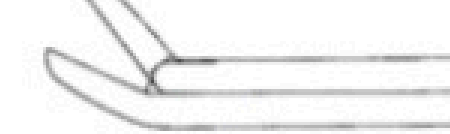


Down 90°

BITE STYLES *cup jaws*



Straight

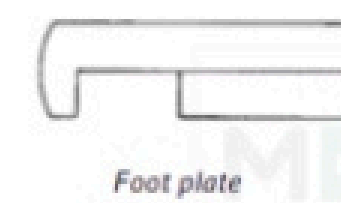


Up



Down

PUNCH JAWS



Foot plate



Bite opening

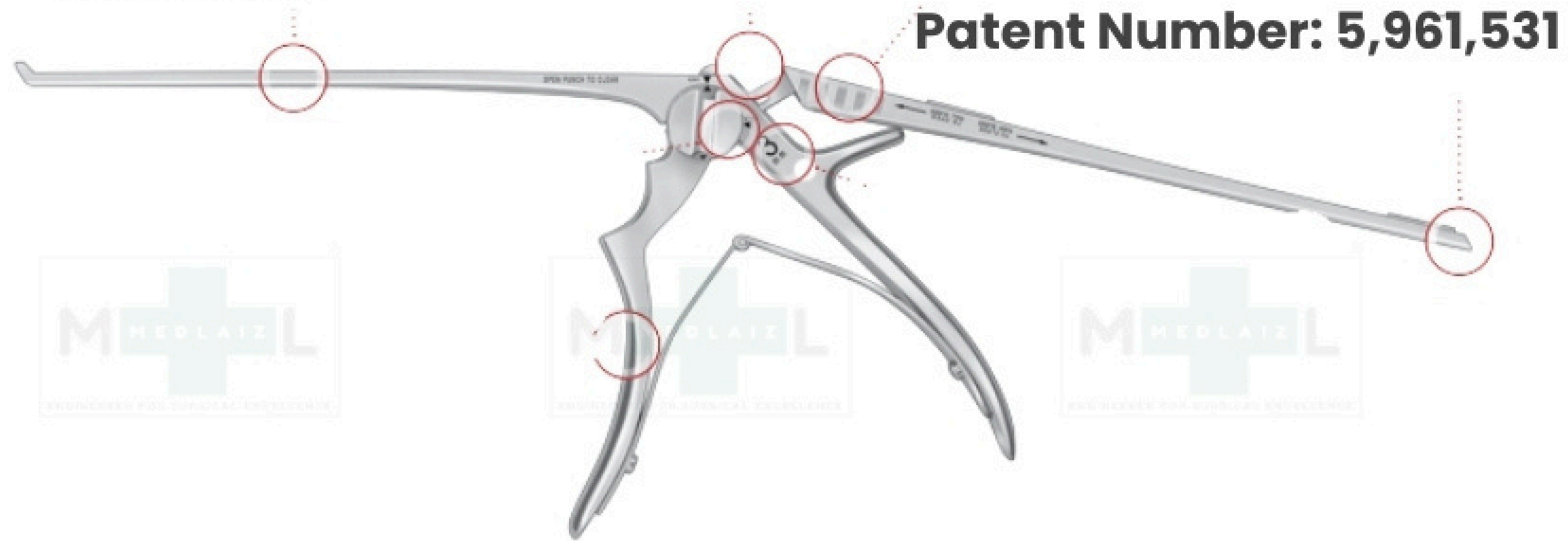
Bite size



Bite size is etched on  
handles of spinal  
rongeurs and punches

# CLEANPUNCH RONGEURS

- The first Kerrison that can be completely cleaned—eliminating all debris between shafts
- Precise cutting action— surgery proceeds smoothly
- Easily disassembles and reassembles— all parts remain connected



## HANDLING THE CLEANPUNCH RONGEUR

### TO OPEN:

1. Hold punch in left hand. Turn knob to “open” position (align arrows).
2. Push knob up with left thumb. Grip top slider on serrations with right hand and pull back.
3. Clean interior surfaces.

### TO CLOSE:

1. Put knob in “open” position.
2. Align guides on top slider.
3. Push top slider forward until it clicks into place.
4. Turn knob to “close” position.
5. Test for proper functioning

## FEATURES AND BENEFITS:

Patented design enables the instrument to be completely cleaned, eliminating the “buildup” of bone, tissue and fluids that cause sticking and resistance to action.

Provides a consistently smooth cutting action.

Eliminates distractions that interrupt a surgeon’s concentration required in delicate spinal procedures.

Instant identification enables surgeons to quickly locate the right bite size. Large, legible mm sizes are etched on handles, as well as color coded.

## COLOR-CODED FOR INSTANT BITE SIZE RECOGNITION

- 1 mm – Red
- 2 mm – Blue
- 3 mm – Yellow
- 4 mm – Black
- 5 mm – Green
- 6 mm – White

# KERRISON RONGEURS — CLEANPUNCH 2

## KERRISON CLEANPUNCH 2 LAMINECTOMY RONGEURS

Handle style VII, thin footplate, 7" (18 cm)



CODE #	BITE	SIZE
ML59300	Forward	1 mm
ML59303	Forward	2 mm
ML59306	Forward	3 mm
ML59309	Forward	4 mm
ML59312	Forward	5 mm

## KERRISON CLEANPUNCH 2 LAMINECTOMY RONGEURS

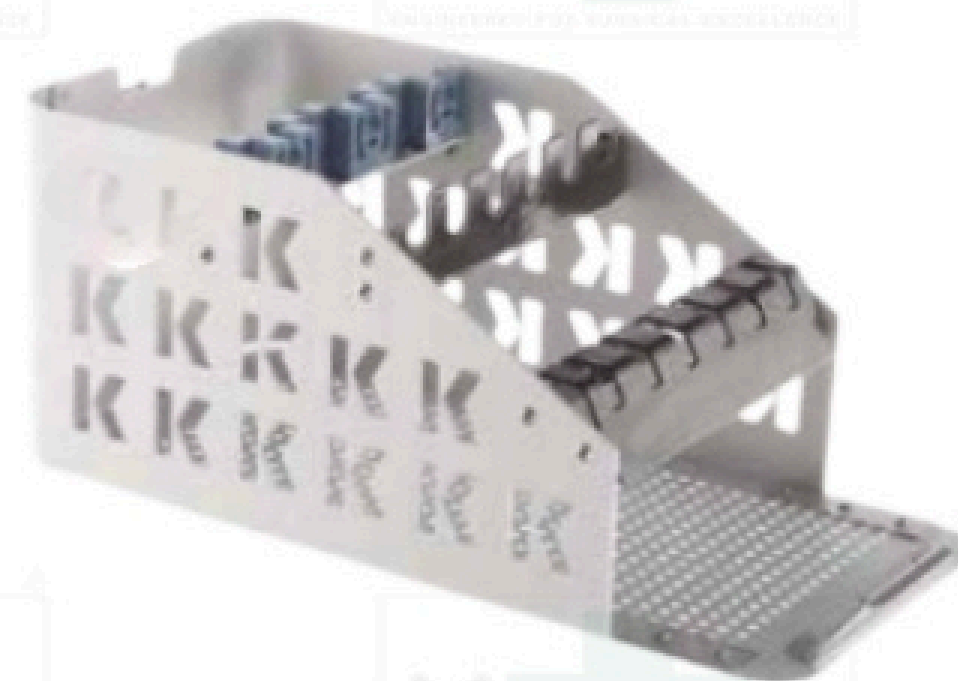
Handle style VII, thin footplate, 8" (20.5 cm).



CODE #	BITE	SIZE
ML59313	Forward	1 mm
ML59315	Forward	2 mm
ML59316	Forward	3 mm
ML59321	Forward	4 mm
ML59322	Forward	5 mm

## CLEANPUNCH CLEANING SYSTEM

Holds six CleanPunches in open position for maximum exposure during cleaning.  
 Lightweight anodized aluminum construction.  
 Minimize footprint – compact design has removable lid that fits under rack.  
 When open, instrument handles are exposed for quick identification and easy access in the OR.  
 Silicone-coated brackets prevent metal to metal contact.  
 Protects sharp cutting edge during cleaning.  
 Fits inside a standard container or can be wrapped separately



CODE #	DESCRIPTION
ML47525	Approximately 13-1/2" x 7" x 6"

# KERRISON RONGEURS — THIN FOOTPLATE DESIGN

## CERVICAL KERRISON THIN FOOTPLATE RONGEURS

Thin footplate designed specifically for small bone in the cervical area.

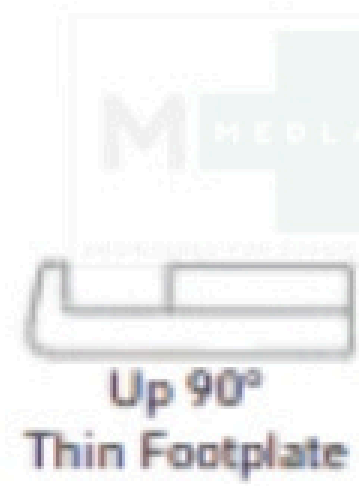
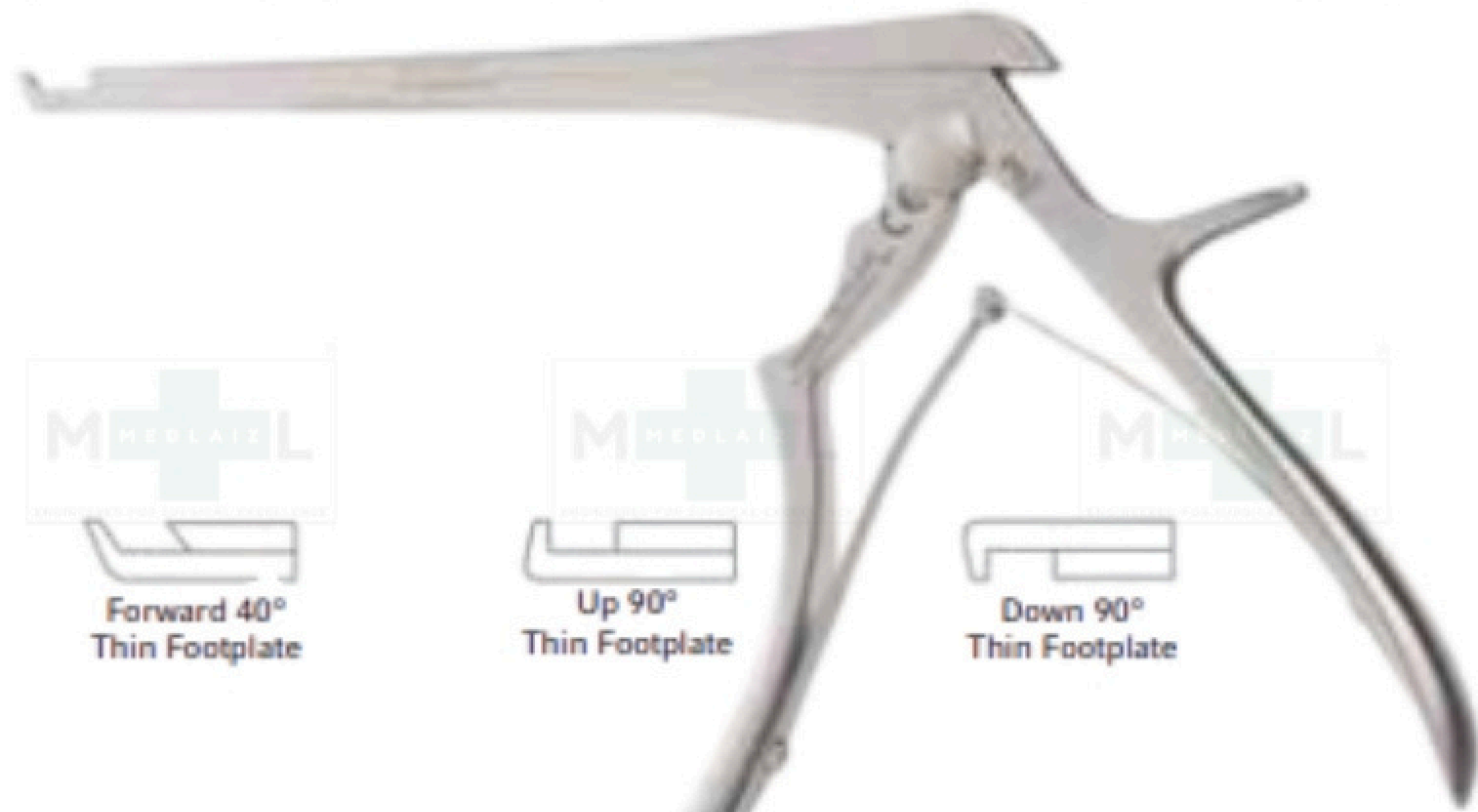
Gold hexagonal screw denotes thin footplate.

Bite size etched on handle for quick identification.

Care should be taken when using delicate thin footplate punches.

Do not twist or pry instrument while cutting

Do not use on large bones.



See the Instructions For Use for all instructions and contraindications.

Handle style VII, thin footplate.

CODE #	BITE	SIZE	OVERALL LENGTH
ML55891	Forward	1 mm	6" (15 cm)
ML55892	Forward	2 mm	6" (15 cm)
ML55895	Forward	3 mm	6" (15 cm)
ML55898	Forward	4 mm	6" (15 cm)
ML55901	Forward	5 mm	6" (15 cm)
ML55904	Forward	1mm	7" (18 cm)
ML55908	Forward	2mm	7" (18 cm)
ML55911	Forward	3mm	7" (18 cm)
ML55914	Forward	4mm	7" (18 cm)
ML55917	Forward	5mm	7" (18 cm)
ML55925	Forward	1mm	8" (20.5 cm)
ML55926	Forward	2 mm	8" (20.5 cm)
ML55927	Forward	3 mm	8" (20.5 cm)
ML55928	Forward	4 mm	8" (20.5 cm)
ML55929	Forward	5mm	8" (20.5 cm)

CODE #	BITE	SIZE	OVERALL LENGTH
KM55905	Up	1 mm	7" (18 cm)
KM55909	Up	2 mm	7" (18 cm)
KM55912	Up	3 mm	7" (18 cm)
KM55915	Up	4 mm	7" (18 cm)
KM55918	Up	5 mm	7" (18 cm)
KM55906	Down	1mm	7" (18 cm)
KM55910	Down	2mm	7" (18 cm)
KM55913	Down	3mm	7" (18 cm)
KM55916	Down	4mm	7" (18 cm)
KM55919	Down	5mm	7" (18 cm)

# KERRISON RONGEURS — STANDARD DESIGN

## LOVE-KERRISON LAMINECTOMY PUNCHES

Handle style IV, large handle, regular footplate



CODE #	BITE	SIZE	OVERALL LENGTH
ML47676	Forward	2 mm	8" (20.5 cm)
ML47670	Forward	3 mm	6" (15 cm)
ML47671	Forward	3 mm	7" (18 cm)
ML47678	Forward	3 mm	8" (20.5 cm)
ML47680	Forward	4 mm	8" (20.5 cm)
ML47674	Forward	5 mm	6" (15 cm)
ML47682	Forward	5 mm	8" (20.5 cm)
ML47689	Forward	6 mm	11" (28 cm)

## LOVE-KERRISON RONGEURS

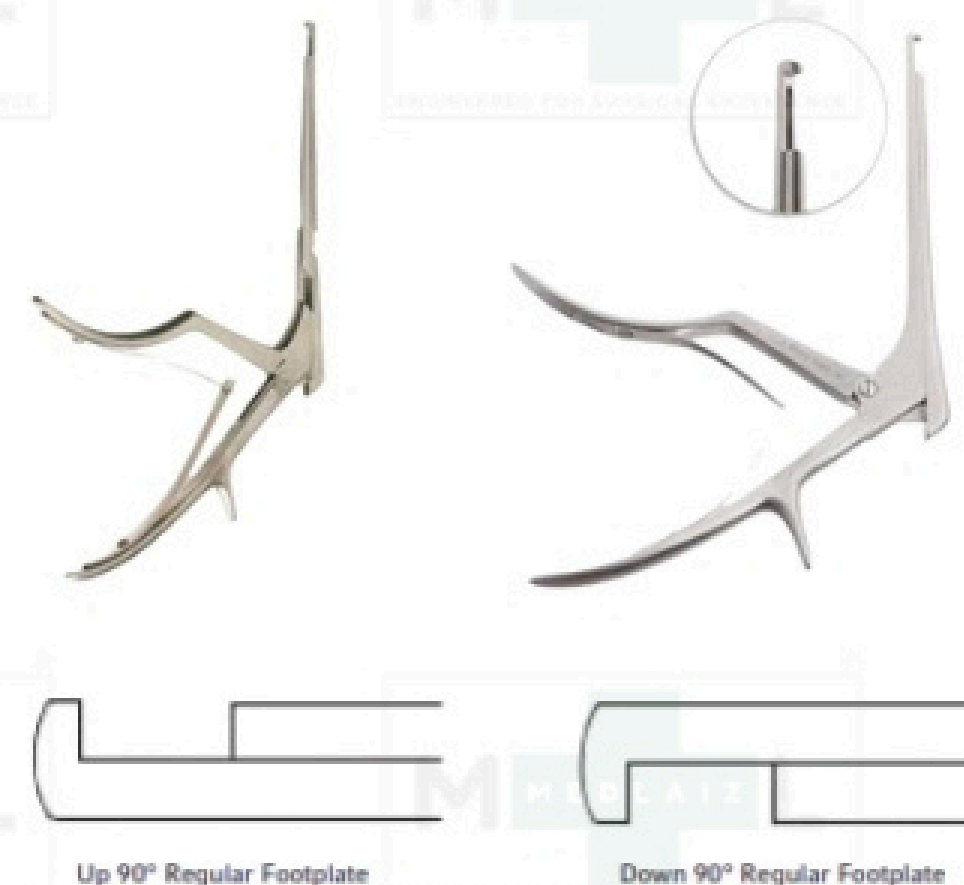
Handle style II, large handle, regular footplate, 8" (20.5 cm).



CODE #	BITE	SIZE
ML47620	Forward	1 mm
ML47621	Forward	2 mm
ML47622	Forward	3 mm
ML47623	Forward	4 mm
ML47624	Forward	5 mm

## LOVE-KERRISON LAMINECTOMY PUNCHES

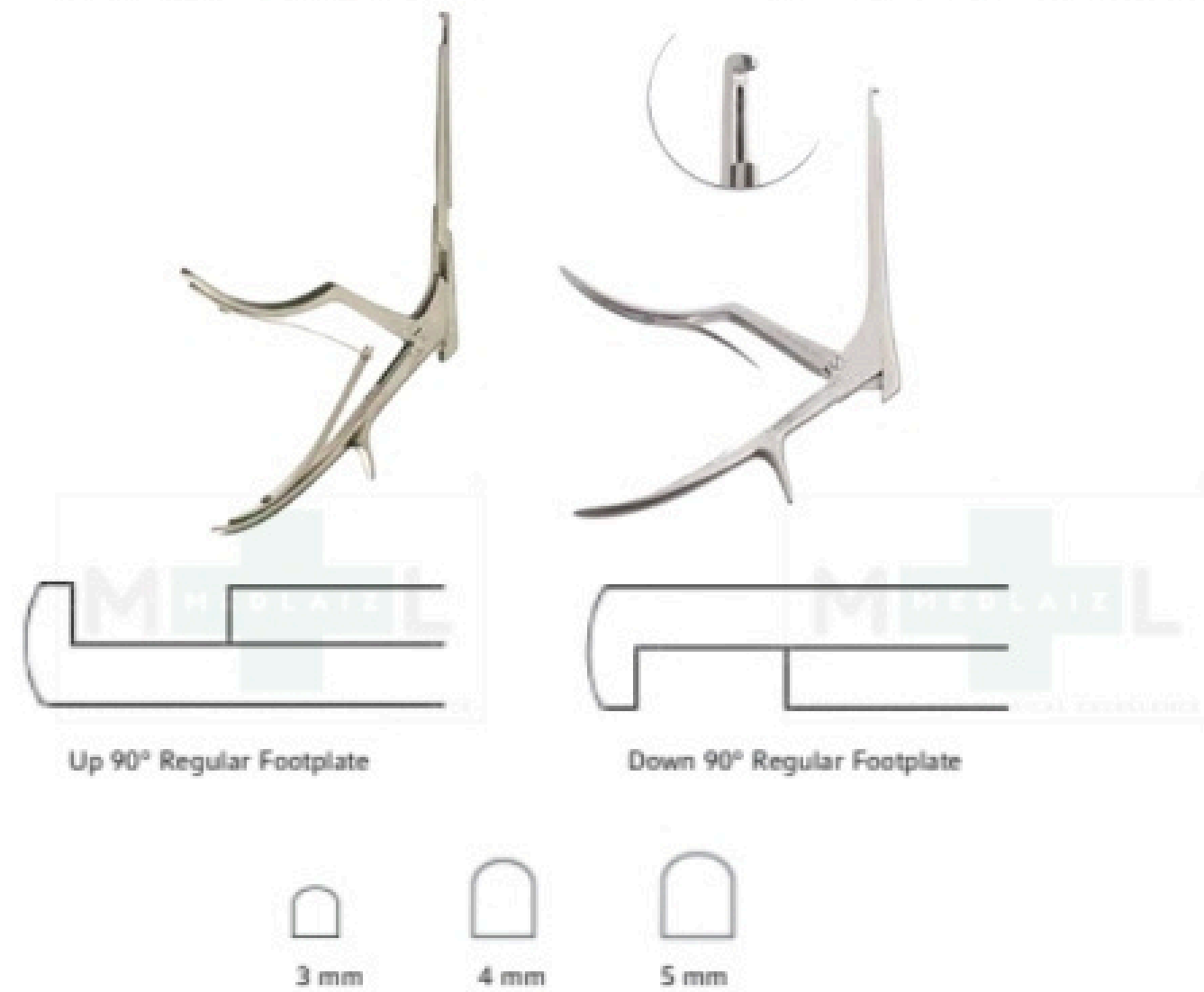
Handle style IV, large handle, regular footplate.



CODE #	BITE	SIZE	OVERALL LENGTH
ML47644	Up	3 mm	6" (15 cm)
ML47645	Up	4 mm	6" (15 cm)
ML47646	Up	5 mm	6" (15 cm)
ML47648	Down	3 mm	6" (15 cm)
ML47649	Down	4 mm	6" (15 cm)
ML47650	Down	5 mm	6" (15 cm)

# LOVE-KERRISON LAMINECTOMY PUNCHES

Handle style IV, large handle, regular footplate.



CODE #	BITE	SIZE	OVERALL LENGTH
KM47644	Up	3 mm	6" (15 cm)
KM47645	Up	4 mm	6" (15 cm)
KM47646	Up	5 mm	6" (15 cm)
KM47648	Down	3 mm	6" (15 cm)
KM47649	Down	4 mm	6" (15 cm)
KM47650	Down	5 mm	6" (15 cm)
KM47652	Up	3 mm	8" (20.5 cm)
KM47853	Up	4 mm	8" (20.5 cm)
KM47654	Up	5 mm	8" (20.5 cm)
KM47656	Down	3 mm	8" (20.5 cm)
KM47657	Down	4 mm	8" (20.5 cm)
KM47658	Down	5 mm	8" (20.5 cm)

# SPURLING-KERRISON PUNCHES

Handle style IV, regular footplate, 8" (20.5 cm).



CODE #	BITE	SIZE
ML55870	Forward	3 mm
ML55871	Forward	4 mm
ML55872	Forward	5 mm

# SCHLESINGER CERVICAL LAMINECTOMY RONGEURS

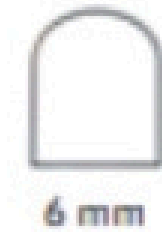
Handle style IV, large handle, regular footplate, 6" (15 cm).



CODE #	BITE	SIZE
ML47610	Up	3 mm
ML47612	Up	5 mm
ML47614	Down	3 mm
ML47616	Down	5 mm

## FERRIS-SMITH KERRISON RONGEURS

Handle style IV, thin footplate, 7" (18 cm).



CODE #	BITE	SIZE
ML48041	Down	6 mm

## FERRIS-SMITH KERRISON RONGEURS

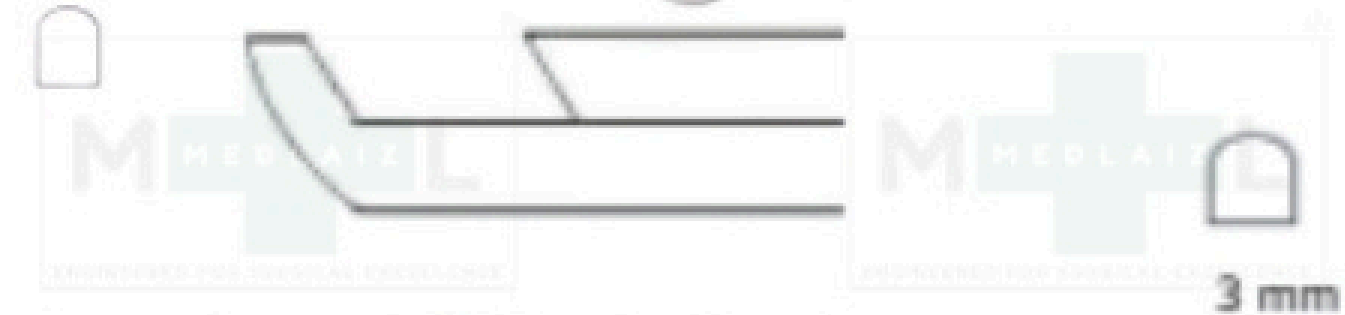
Handle style V, regular footplate



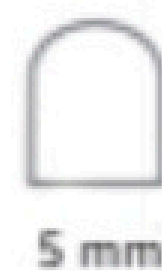
CODE #	BITE	SIZE	OVERALL LENGTH
ML48010	Forward	1 mm	6" (15 cm)
ML47987	Up	6 mm	7" (18 cm)

## FERRIS-SMITH KERRISON PUNCHES

Ring handle (handle style VI), regular footplate.



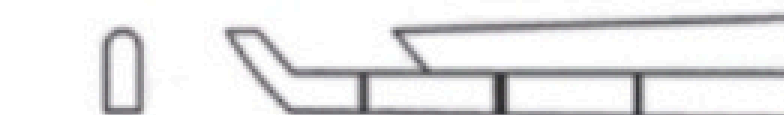
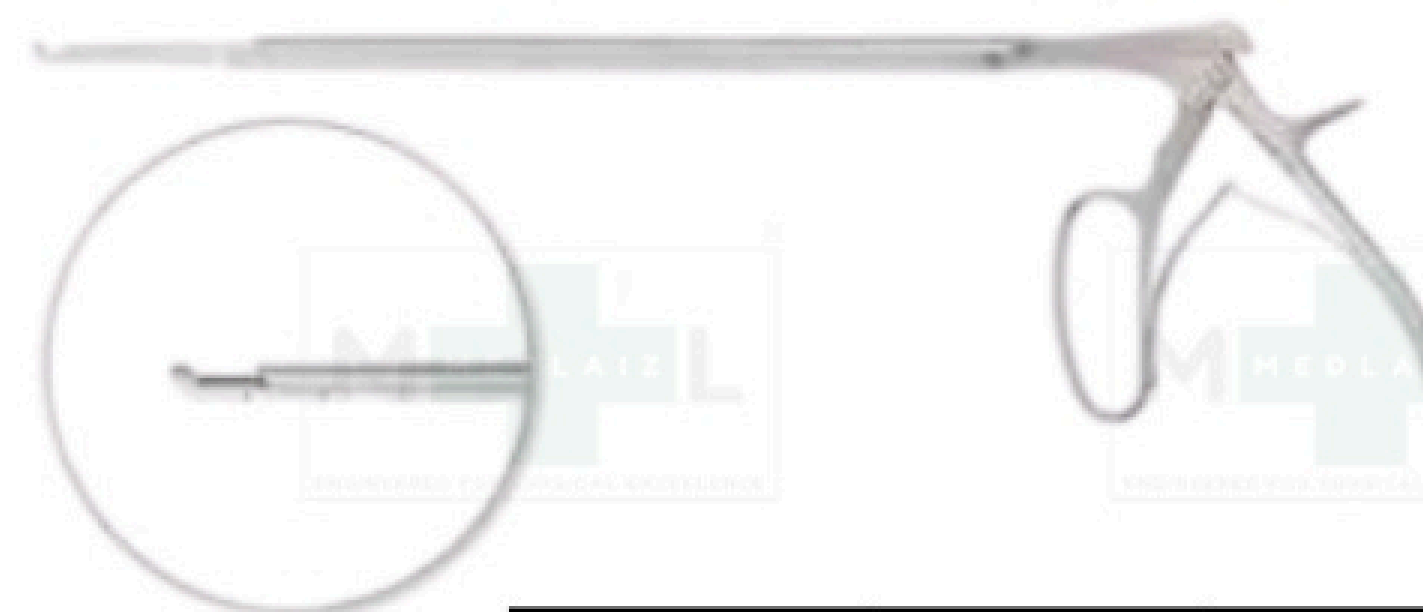
3 mm



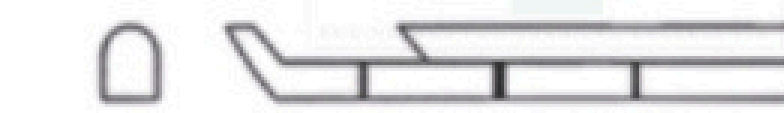
CODE #	BITE	SIZE	OVERALL LENGTH
ML55813	Forward	3 mm	7" (18 cm)
ML55823	Forward	3 mm	8" (20.5 cm)
ML55815	Forward	5 mm	7" (18 cm)
ML55825	Forward	5 mm	8" (20.5 cm)

## FERRIS-SMITH ENDOSCOPIC KERRISON RONGEURS

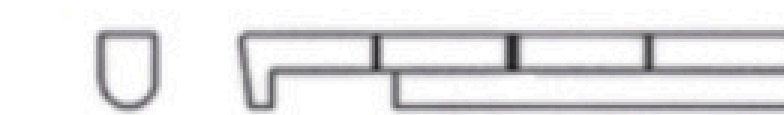
N RONGEURS Graduated tip, ring handle, 3-1/4" tip length, .470" shaft diameter, working length 14" (35.5 cm), overall 20" (51 cm).



2.5 mm



4 mm



4 mm

CODE #	BITE	SIZE
ML55788	Forward	2.5 mm
ML55790	Forward	4 mm
ML55782	Down	4 mm

## KERRISON RONGEUR



CODE #	BITE	SIZE	OVERALL LENGTH
411625	Up	3 mm	3-1/2" (9 cm)

## MOORELAND RONGEUR



CODE #	DESCRIPTION
ML47850	5 x 15 mm, 13-3/4" (35 cm)

## KERRISON MULTI-BITE PUNCHES

Fenestrated upper shaft ejects cut pieces of bone and tissue. Delicate, thin footplate, for cervical use only, 7" (18 cm).



CODE #	BITE	SIZE
ML55980	Up, fenestrated	2 mm
ML55981	Up, fenestrated	3 mm

## FORAMINOTOMY PUNCHES

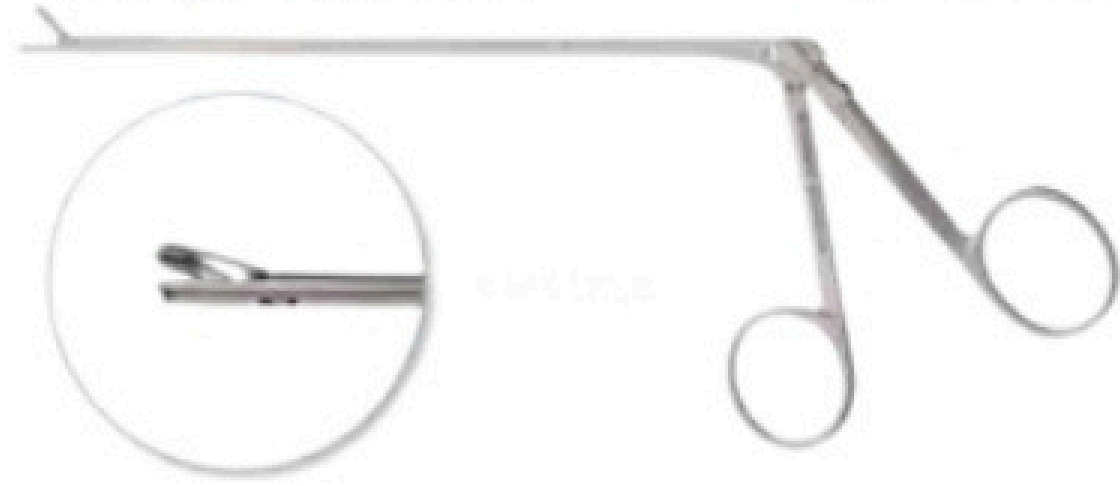
Handle style V, regular footplate, 8" (20.5 cm).



CODE #	BITE	SIZE
ML48030	Curved up	2 mm
ML48033	Curved up	3 mm
ML48032	Curved up	4 mm

# IVD RONGEURS

## DECKER IVD RONGEUR



CODE #	BITE	SIZE	OVERALL LENGTH
ML55858	Straight	2 x 6 mm	6" (15 cm)

## SELVERSTONE IVD RONGEUR



CODE #	BITE	SIZE	OVERALL LENGTH
ML55860	Straight	2 x 6 mm	6" (15 cm)

## PEAPOD IVD RONGEUR



CODE #	BITE	SIZE	OVERALL LENGTH
ML55842	Up angle	2 x 6 mm	5-1/2" (14 cm)

## WILDE IVD RONGEURS

Fenestrated jaws, straight



CODE #	DESCRIPTION	OVERALL LENGTH
ML47707	Small, 4 x 9 mm bite	5" (12.5 cm)
ML47708	Medium, 5 x 10 mm bite	5" (12.5 cm)
ML47709	Large, 6 x 11 mm bite	5" (12.5 cm)

## CUSHING IVD RONGEURS



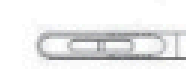
CODE #	BITE	SIZE	OVERALL LENGTH
ML47710	Straight	2 x 10 mm	5" (12.5 cm)
ML47730	Straight	2 x 10 mm	7" (18 cm)
ML47712	Forward	2 x 10 mm	5" (12.5 cm)
ML47732	Forward	2 x 10 mm	7" (18 cm)
ML47714	Down angle	2 x 10 mm	5" (12.5 cm)
ML47734	Down angle	2 x 10 mm	7" (18 cm)

# SPURLING IVD RONGEURS



CODE #	BITE	SIZE	OVERALL LENGTH
ML47800	Straight	4 x 10 mm	5" (12.5 cm)
ML47840	Straight	4 x 10 mm	7" (18 cm)
ML47802	Forward	4 x 10 mm	5" (12.5 cm)
ML47842	Forward	4 x 10 mm	7" (18 cm)
ML47804	Down angle	4 x 10 mm	5" (12.5 cm)
ML47844	Down angle	4 x 10 mm	7" (18 cm)

# CASPAR IVD RONGEURS



2 x 12 mm

bite straight  
KM55935  
KM55960



3 x 12 mm

bite straight  
KM55936  
KM55961



4 x 14 mm

bite straight  
KM55937  
KM55962

bite up angle  
KM55972

bite down angle  
KM55966

bite up angle  
KM55973

bite down angle  
KM55967



5 x 14 mm

bite straight  
KM55938  
KM55963

bite up angle  
KM55974



6 x 16 mm

bite straight  
KM55964

CODE #	BITE	SIZE	OVERALL LENGTH
ML55935	Forward	2 x 12 mm	6" (15 cm)
ML55936	Forward	3 x 12 mm	6" (15 cm)
ML55937	Forward	4 x 14 mm	6" (15 cm)
ML55938	Forward	5 x 14 mm	6" (15 cm)
ML55960	Forward	2 x 12 mm	6" (15 cm)
ML55961	Forward	3 x 12 mm	7" (18 cm)
ML55962	Forward	4 x 14 mm	7" (18 cm)
ML55963	Forward	5 x 14 mm	7" (18 cm)
ML55964	Forward	6 x 16 mm	7" (18 cm)
ML55972	Forward	3 x 12 mm	7" (18 cm)
ML55973	Forward	4 x 14 mm	8" (20.5 cm)
ML55974	Forward	5 x 14 mm	8" (20.5 cm)
ML55966	Forward	3 x 12 mm	8" (20.5 cm)
ML55967	Forward	4 x 14 mm	8" (20.5 cm)

# LOVE-GRUENWALD IVD RONGEURS

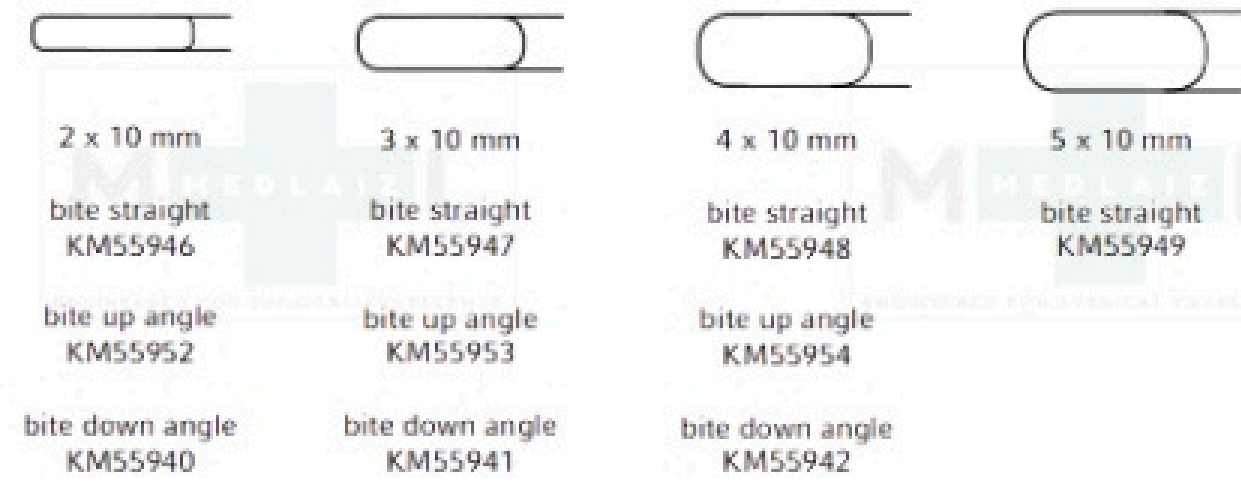
Fenestrated jaw, serrated cup



CODE #	BITE	SIZE	OVERALL LENGTH
	Straight	3 x 10 mm	5" (12.5 cm)
	Straight	3 x 10 mm	7" (18 cm)
	Forward	3 x 10 mm	5" (12.5 cm)
	Forward	3 x 10 mm	7" (18 cm)
	Down angle	3 x 10 mm	5" (12.5 cm)
	Down angle	3 x 10 mm	7" (18 cm)

# CASPAR IVD RONGEURS

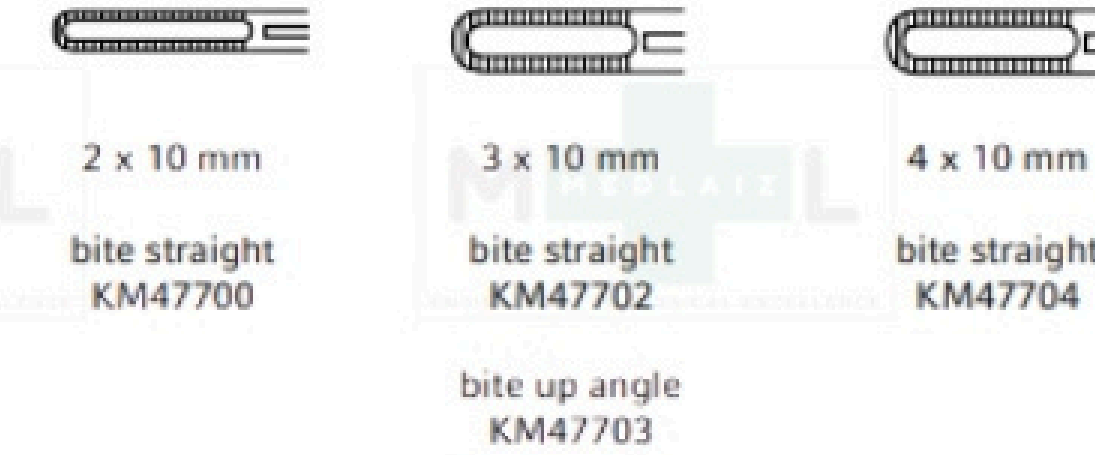
6" (15 cm).



CODE #	BITE	SIZE
ML55946	Straight	2 x 10 mm
ML55947	Straight	3 x 10 mm
ML55948	Straight	4 x 10 mm
ML55949	Straight	5 x 10 mm
ML55952	Up angle	2 x 10 mm
ML55953	Up angle	3 x 10 mm
ML55954	Up angle	4 x 10 mm
ML55940	Down angle	2 x 10 mm
ML55941	Down angle	3 x 10 mm
ML55942	Down angle	4 x 10 mm

# SCHLESINGER IVD RONGEURS

Serrated jaws.



CODE #	BITE	SIZE	OVERALL LENGTH
ML47700	Straight	2 x 10 mm	6" (15 cm)
ML47702	Straight	3 x 10 mm	6" (15 cm)
ML47704	Straight	4 x 10 mm	6" (15 cm)
ML47703	Up angle	3 x 10 mm	6" (15 cm)

# SCHLESINGER IVD RONGEURS

9" (23 cm).



CODE #	BITE	SIZE
ML55690	Straight	3 x 10 mm
ML55691	Straight	5 x 10 mm
ML55693	Up angle	3 x 10 mm
ML55694	Up angle	5 x 10 mm

# OLDBERG IVD RONGEUR



CODE #	BITE	SIZE	OVERALL LENGTH
ML55856	Round	6 mm	7" (18 cm)

# FERRIS-SMITH IVD RONGEURS

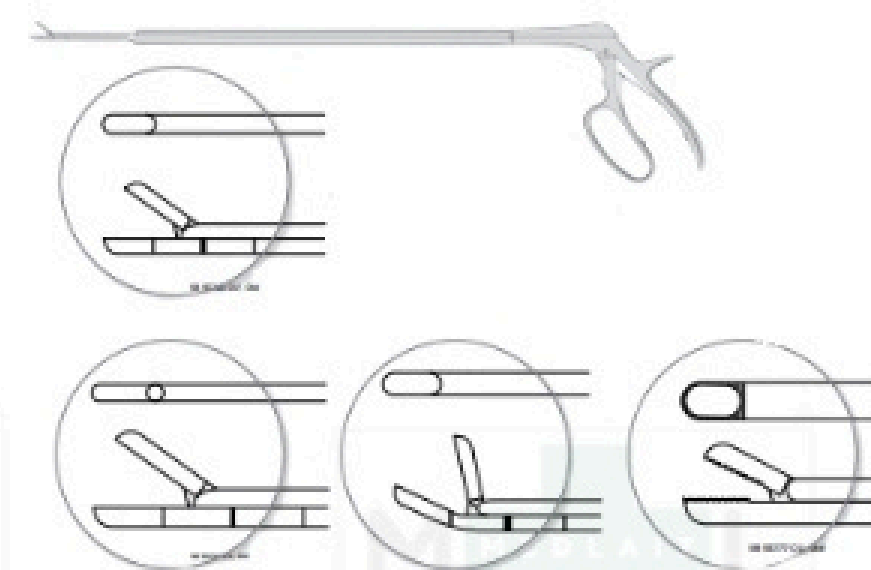
Ring handle lessens chance of slippage. Handle style VI, 7" (18 cm) shaft.



CODE #	BITE	SIZE
ML47858	Straight	2 x 10 mm
ML47864	Straight	3 x 10 mm
ML47870	Straight	4 x 10 mm
ML47878	Straight	6 x 12 mm
ML47860	Up angle	2 x 10 mm
ML47866	Up angle	3 x 10 mm
ML47872	Up angle	4 x 10 mm
ML47873	Up angle	6 x 12 mm
ML47862	Down angle	2 x 10 mm
ML47868	Down angle	3 x 10 mm
ML47874	Down angle	4 x 10 mm
ML47875	Down angle	6 x 12 mm

# FERRIS-SMITH ENDOSCOPIC IVD RONGEURS

Handle style VI, ring handle, 3-1/4" tip length, 0.470" (12 mm) shaft diameter, 10-3/4" shaft length, 6" handle length, 20" (51 cm).



CODE #	BITE	SIZE
ML55762	Straight	2.5 x 10 mm
ML55763	Straight	4 x 10 mm
ML55767	Up angle	4 x 10 mm
ML55777	Straight, serrated	8 x 12 mm