

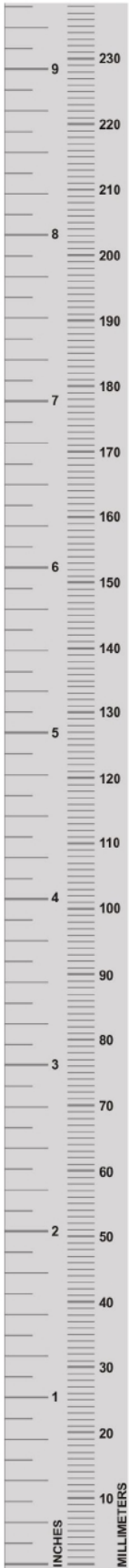
# NEUROSURGERY INSTRUMENTS CATALOG



Dental | Beauty | Veterinary



 **VOLGO CARE**



### Yasargil (Leyla) Brain Retractor Single Arm Complete

Catalog #	Size
NS-010-01	N/A



### Yasargil (Leyla) Brain Double Retractor Arm Complete

Catalog #	Size
NS-010-02	N/A



### Yasargil (Leyla) Flexible Arm

Catalog #	Size
NS-010-10	N/A



### Yasargil (Leyla) Flexible Base

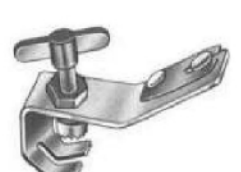
Catalog #	Size
NS-010-21	N/A
NS-010-22	N/A
NS-010-30	N/A



NS-010-21



NS-010-22



NS-010-30

### Yasargil (Leyla) Support for Round Spatulas

Catalog #	Size
NS-010-40	N/A

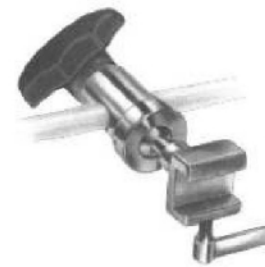


### Yasargil (Leyla) Support for Flat Spatulas



Catalog #	Size
NS-010-45	N/A

### Yasargil (Leyla) Ball and Socket Joint



Catalog #	Size
NS-012-09	9 x 32 mm
NS-012-10	10 x 25 mm

### Yasargil (Leyla) Holding Rod



Catalog #	Size
NS-012-20	N/A

### Yasargil (Leyla) Coupling Head



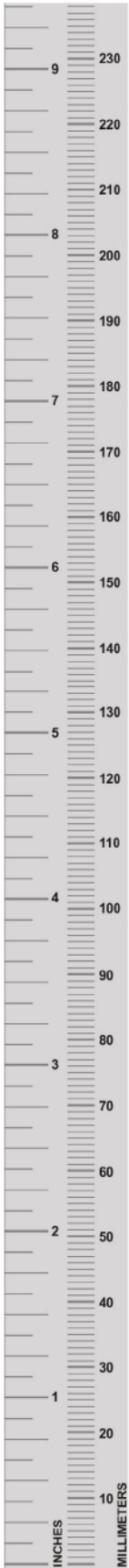
Catalog #	Size
NS-012-25	N/A
NS-012-40	N/A

### Caspar Vertebral Distractor

Right



Catalog #	Size
NS-020-01	N/A



### Caspar Drill Guide

Right

Catalog #	Size
NS-020-02	N/A



### Casper Vertebral Distractor

Left

Catalog #	Size
NS-022-01	N/A



### Caspar Drill Guide

Left

Catalog #	Size
NS-022-02	N/A



### Caspar Twist Drill

Catalog #	Size
NS-024-00	14.5 cm (5 1/2")



### Caspar Distraction Screw

Catalog #	Working End
NS-026-14	14 mm
NS-026-16	16 mm
NS-026-18	18 mm



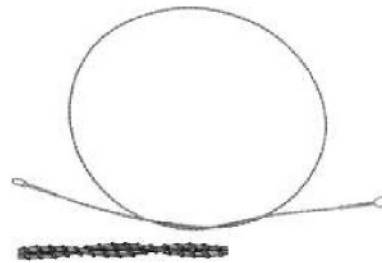
### Casper Screw Driver



Catalog #	Size
NS-028-20	20 cm (8")

### Gigli Wire Saw

Catalog #	Size
NS-050-30	30 cm (11 3/4")
NS-050-40	40 cm (11 3/4")
NS-050-50	50 cm (11 3/4")
NS-050-60	60 cm (11 3/4")
NS-050-70	70 cm (11 3/4")

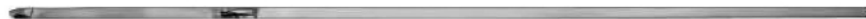


### Gigli Wire Saw Handle

Catalog #	Size
NS-055-00	N/A



### De Martel Wire Saw Guide



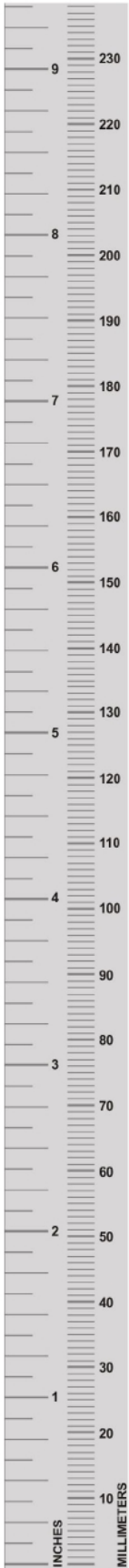
Catalog #	Size
NS-058-00	33 cm (13")

### Crutchfield Skull Traction Tongs

Small Pattern

Catalog #	Size
NS-061-01	N/A





### Crutchfield Skull Traction Tongs

Medium Pattern



Catalog #	Size
NS-061-02	N/A

### Crutchfield Drill Point



Catalog #	Size, Diameter
NS-065-35	7 cm (2 ¾"), Ø 3.5 mm
NS-065-50	7 cm (2 ¾"), Ø 5.0 mm

### Skull Traction Tongs

Large Pattern



Catalog #	Size
NS-071-00	N/A

### Spare Pin



Catalog #	Size
NS-075-01	N/A

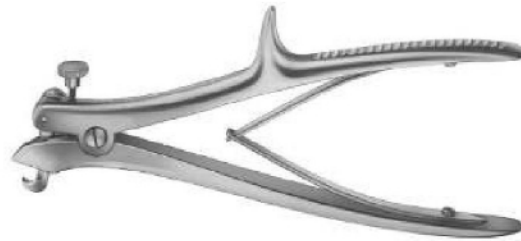
### Wrench



Catalog #	Size
NS-075-02	N/A

### Dahlgren Cranial Rongeur

Catalog #	Size
NS-091-20	20 cm (8")



### De Vilbiss Cranial Rongeur

Catalog #	Size
NS-093-21	20.5 cm (8")



### Cone Cranial Punch

Catalog #	Size
NS-095-22	22.5 cm (8 3/4")



### Raney Scalp Clip

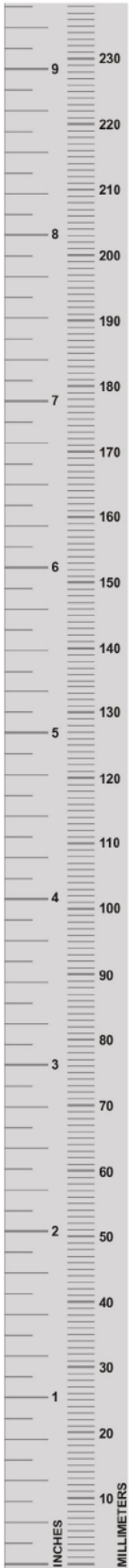
Catalog #	Size
NS-100-00	N/A



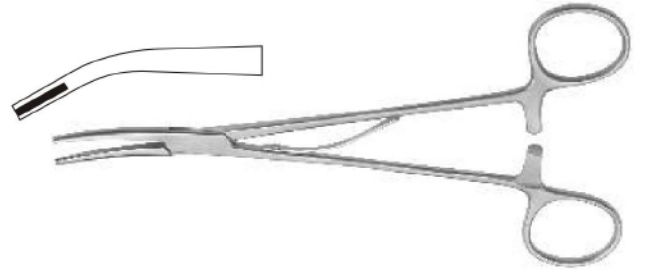
### Raney Applying - Removal Forcep

Catalog #	Size
NS-102-00	15.5 cm (6")





**McKenzie Clip Applying Forcep**



Catalog #	Size
NS-112-19	18.5 cm (7 3/4")

**Olivecrona-Toennis Clip Applying Forcep**



Catalog #	Size, Shaft Length
NS-115-14	N/A, 140 mm

**Silver Brain Clip**

Pack of 100



Catalog #	Size
NS-118-00	N/A

**Yasargil Galea Hook**



Catalog #	Size
NS-120-01	N/A
NS-120-02	N/A

**Davis Dura Dissector**



Catalog #	Size
NS-151-21	21.5 cm (8 1/2")

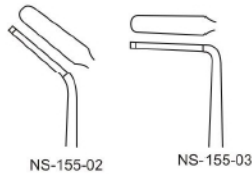


**Davis Dura Dissector**


Catalog #	Size
NS-153-24	24.5 cm (9 3/4")

**Frazier Dura Dissector**


Catalog #	Size
NS-155-01	15 cm (6")

**Hoehn Dura Dissector**


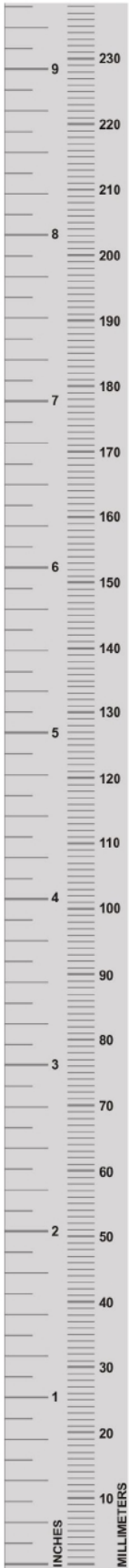
Catalog #	Size
NS-155-02	15 cm (6")
NS-155-03	15 cm (6")


**Love-Adson Dura Dissector**


Catalog #	Size
NS-157-16	16 cm (6 1/2")

**Toennis Dura Dissector**


Catalog #	Size
NS-159-26	26 cm (10 1/4")



**Olivecrona Dura Dissector**



**Catalog #**      **Size**  
 NS-161-01      24 cm (9 1/2")

**Olivecrona Dura Dissector**



**Catalog #**      **Size**  
 NS-161-02      18 cm (7")

**Olivecrona Dura Dissector**



**Catalog #**      **Size**  
 NS-161-03      24 cm (9 1/2")

**Olivecrona Dura Dissector**



**Catalog #**      **Size**  
 NS-161-04      20 cm (8")

**Sachs Dura Dissector**

Sharp



**Catalog #**      **Size**  
 NS-163-21      20 cm (8")

**Milligan Dura Dissector**



Catalog #	Size
NS-165-21	21.5 cm (8 1/2")

**Dura Dissector**



Catalog #	Size
NS-167-22	22 cm (8 3/4")

**Penfield Dura Dissector**



Catalog #	Size, Profile
NS-171-01	17.5 cm (7"), Fig. 1

**Penfield Dura Dissector**

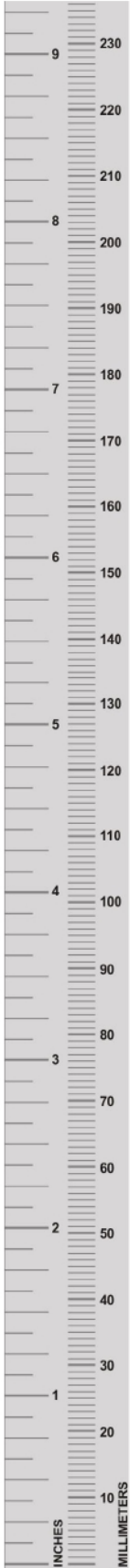


Catalog #	Size, Profile
NS-171-02	19.5 cm (7 3/4"), Fig. 2

**Penfield Dura Dissector**



Catalog #	Size, Profile
NS-171-03	19.5 cm (7 3/4"), Fig. 3



**Penfield Dura Dissector**



Catalog #	Size, Profile
NS-171-04	20.5 cm (8"), Fig. 4

**Penfield Dura Dissector**



Catalog #	Size, Profile
NS-171-05	18 cm (7"), Fig. 5

**Horsley Dura Elevator**



Catalog #	Size
NS-181-20	20 cm (8")

**Sachs Dura Elevator**



Catalog #	Size
NS-183-21	21 cm (8 1/4")

**Love Nerve Root Retractor**

Straight



Catalog #	Size
NS-190-21	21.5 cm (8 1/2")

**Love Nerve Root Retractor**

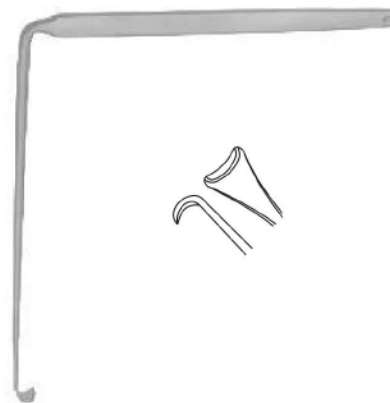
Angled 45°

Catalog #	Size
NS-191-18	17.5 cm (7")


**Love Nerve Root Retractor**

Angled 90°

Catalog #	Size
NS-193-11	11 cm (4 3/4")


**Love Nerve Root Retractor**

Catalog #	Size
NS-195-21	22 cm (8 3/4")

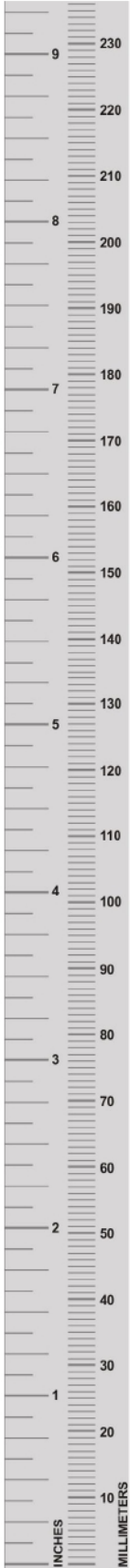

**Hess Nerve Root Retractor**

Catalog #	Size, Width
NS-197-03	17.5 cm (7"), 3 mm
NS-197-05	17.5 cm (7"), 5 mm
NS-197-07	17.5 cm (7"), 7 mm


**Scoville Nerve Root Retractor**

Catalog #	Size
NS-200-23	23.5 cm (9 1/4")





### Holsher Nerve Root Retractor



Catalog #	Size
NS-201-24	23.5 cm (9 1/4")

### Scoville Nerve Root Retractor



Catalog #	Size
NS-203-19	16.5 cm (6 1/2")

### Cushing Brain Spatulas



Catalog #	Size, Blade Size
NS-210-07	18 cm (7"), 7 + 9 mm
NS-210-11	18 cm (7"), 11 + 13 mm
NS-210-15	18 cm (7"), 15 + 18 mm
NS-210-18	18 cm (7"), 18 + 22 mm

### Olivecrona Brain Spatulas

Concave



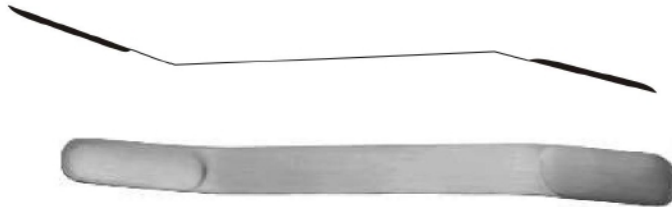
Catalog #	Size, Blade Size
NS-213-07	18 cm (7"), 7 + 9 mm
NS-213-11	18 cm (7"), 11 + 13 mm
NS-213-15	18 cm (7"), 15 + 18 mm
NS-213-18	18 cm (7"), 18 + 22 mm



### Olivecrona Brain Spatulas

Convex

Catalog #	Size, Blade Size
NS-215-07	18 cm (7"), 7 + 9 mm
NS-215-11	18 cm (7"), 11 + 13 mm
NS-215-15	18 cm (7"), 15 + 18 mm
NS-215-18	18 cm (7"), 18 + 22 mm



### Heifetz Brain Spatulas

Catalog #	Size, Blade Size
NS-218-07	20 cm (8"), 7 + 8 mm
NS-218-10	20 cm (8"), 10 + 11 mm
NS-218-13	20 cm (8"), 13 + 14 mm
NS-218-15	20 cm (8"), 15 + 17 mm
NS-218-19	20 cm (8"), 19 + 20 mm
NS-218-22	20 cm (8"), 22 + 22 mm



### Heifetz Brain Spatulas

Round Handle

Catalog #	Size, Blade Size
NS-221-08	20 cm (8"), 8 mm
NS-221-11	20 cm (8"), 11 mm
NS-221-14	20 cm (8"), 14 mm
NS-221-17	20 cm (8"), 17 mm
NS-221-20	20 cm (8"), 20 mm

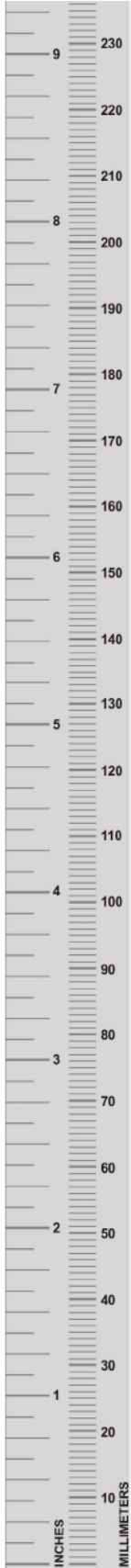


### Brain Spatulas

Malleable

Catalog #	Size
NS-224-12	20 cm (8"), 12 mm
NS-224-17	20 cm (8"), 17 mm





### Smithwick Nerve Hook



Catalog #	Size
NS-231-17	17 cm (6 ¾")

### Smithwick Nerve Hook



Catalog #	Size
NS-233-21	21 cm (8 ¼")

### Adson Dura Hook



Catalog #	Size
NS-235-20	20 cm (8")

### Graham Dura Hook

Blunt



Catalog #	Size
NS-237-16	16.5 cm (6 ½")

### Sachs Dura Hook

Sharp



Catalog #	Size
NS-239-18	18 cm (7")



### Frazier Dura Hook

Sharp



Catalog #	Size
NS-241-18	18 cm (7")

### Hoehn Nerve Retractor



Catalog #	Size
NS-245-22	22 cm (8 3/4")

### Dandy Nerve Retractor



NS-251-01



NS-251-02



NS-251-03

Catalog #	Size
NS-251-01	20 cm (8")
NS-251-02	20 cm (8")
NS-251-03	20 cm (8")

### Smithwick Nerve Retractor

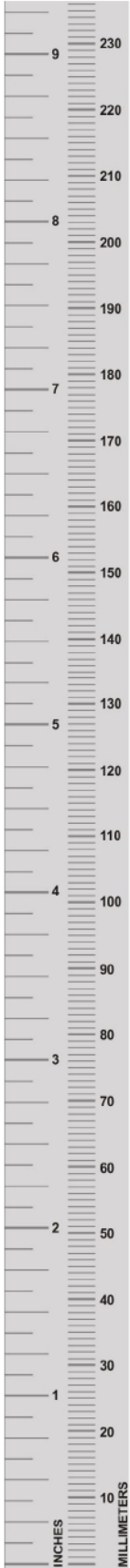


Catalog #	Size
NS-253-29	29 cm (11 1/2")

### Toennis Nerve Retractor



Catalog #	Size
NS-261-15	15 cm (6")



### Toennis Brain Knife



Catalog #	Size
NS-280-18	18 cm (7")

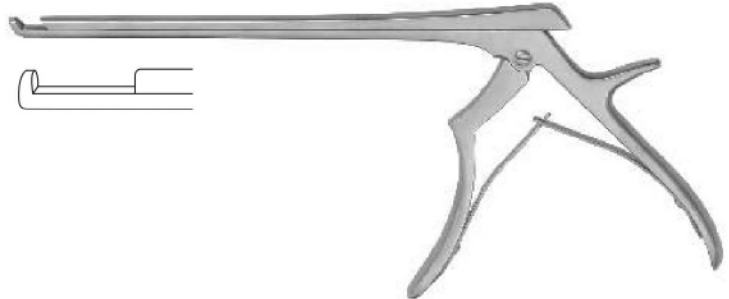
### Halle Brain Knife



Catalog #	Size
NS-282-20	20 cm (8")

### Ferris-Smith Kerrison Rongeur

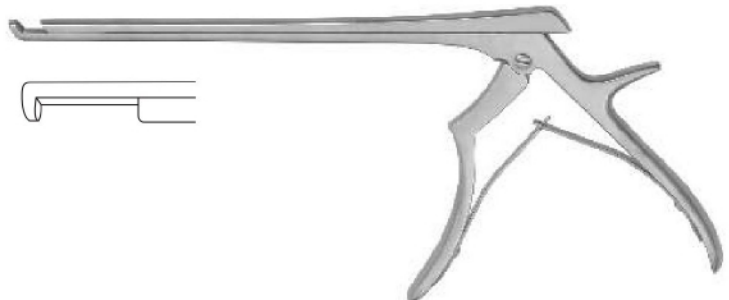
Up Cutting



Catalog #	Size, Bite Size
NS-300-01	15 cm (6"), 1 mm
NS-300-02	15 cm (6"), 2 mm
NS-300-03	15 cm (6"), 3 mm
NS-300-04	15 cm (6"), 4 mm
NS-300-05	15 cm (6"), 5 mm

### Ferris-Smith Kerrison Rongeur

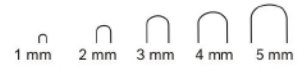
Down Cutting



Catalog #	Size, Bite Size
NS-301-01	15 cm (6"), 1 mm
NS-301-02	15 cm (6"), 2 mm
NS-301-03	15 cm (6"), 3 mm
NS-301-04	15 cm (6"), 4 mm
NS-301-05	15 cm (6"), 5 mm

**Ferris-Smith Kerrison Rongeur**

40° Forward Up Cutting



Catalog #	Size, Bite Size
NS-302-01	15 cm (6"), 1 mm
NS-302-02	15 cm (6"), 2 mm
NS-302-03	15 cm (6"), 3 mm
NS-302-04	15 cm (6"), 4 mm
NS-302-05	15 cm (6"), 5 mm



**Ferris-Smith Kerrison Rongeur**

40° Forward Down Cutting

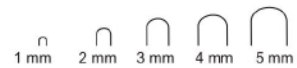


Catalog #	Size, Bite Size
NS-303-01	15 cm (6"), 1 mm
NS-303-02	15 cm (6"), 2 mm
NS-303-03	15 cm (6"), 3 mm
NS-303-04	15 cm (6"), 4 mm
NS-303-05	15 cm (6"), 5 mm



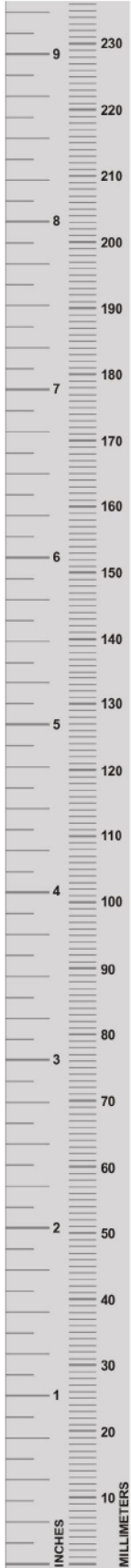
**Ferris-Smith Kerrison Rongeur**

Up Cutting



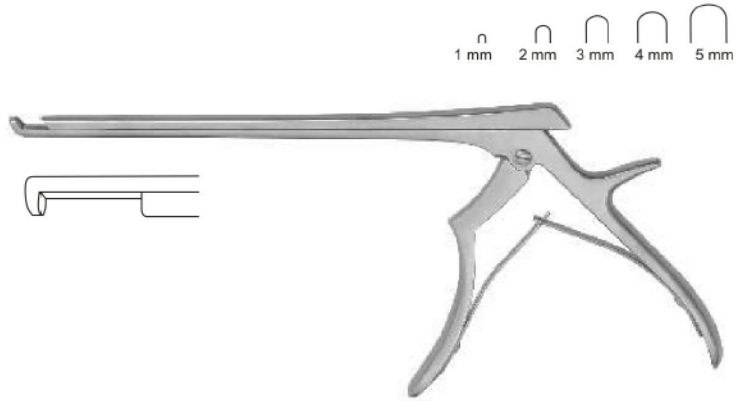
Catalog #	Size, Bite Size
NS-304-01	18 cm (7"), 1 mm
NS-304-02	18 cm (7"), 2 mm
NS-304-03	18 cm (7"), 3 mm
NS-304-04	18 cm (7"), 4 mm
NS-304-05	18 cm (7"), 5 mm





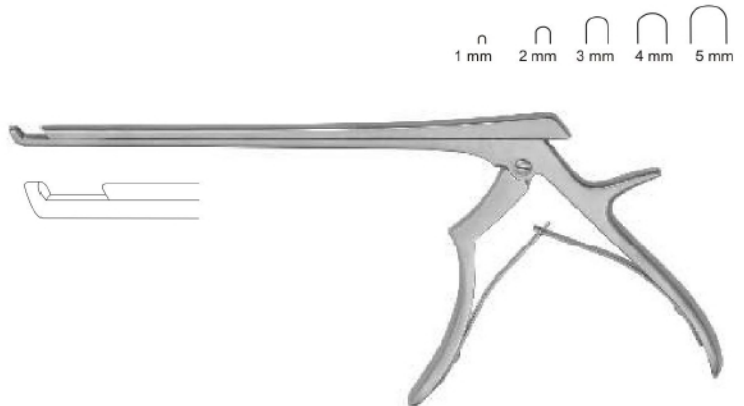
**Ferris-Smith Kerrison Rongeur**  
Down Cutting

Catalog #	Size, Bite Size
NS-305-01	18 cm (7"), 1 mm
NS-305-02	18 cm (7"), 2 mm
NS-305-03	18 cm (7"), 3 mm
NS-305-04	18 cm (7"), 4 mm
NS-305-05	18 cm (7"), 5 mm



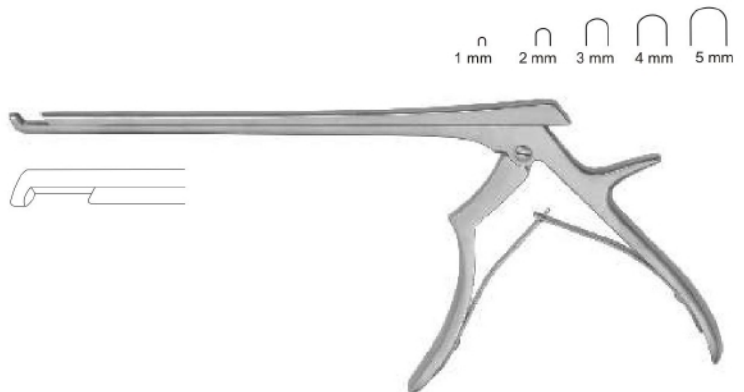
**Ferris-Smith Kerrison Rongeur**  
40° Forward Up Cutting

Catalog #	Size, Bite Size
NS-306-01	18 cm (7"), 1 mm
NS-306-02	18 cm (7"), 2 mm
NS-306-03	18 cm (7"), 3 mm
NS-306-04	18 cm (7"), 4 mm
NS-306-05	18 cm (7"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
40° Forward Down Cutting

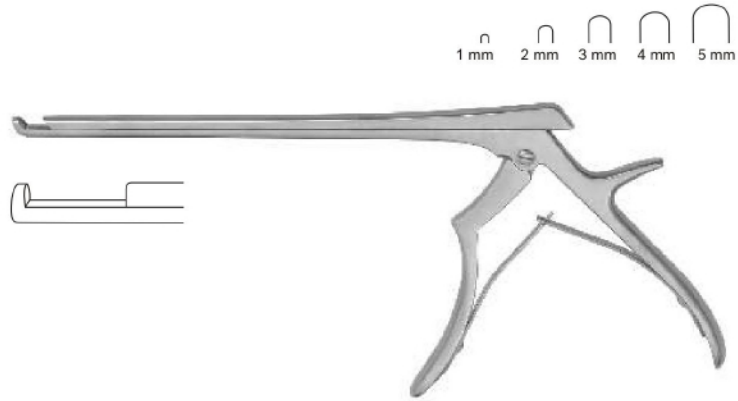
Catalog #	Size, Bite Size
NS-307-01	18 cm (7"), 1 mm
NS-307-02	18 cm (7"), 2 mm
NS-307-03	18 cm (7"), 3 mm
NS-307-04	18 cm (7"), 4 mm
NS-307-05	18 cm (7"), 5 mm



**Ferris-Smith Kerrison Rongeur**

Up Cutting

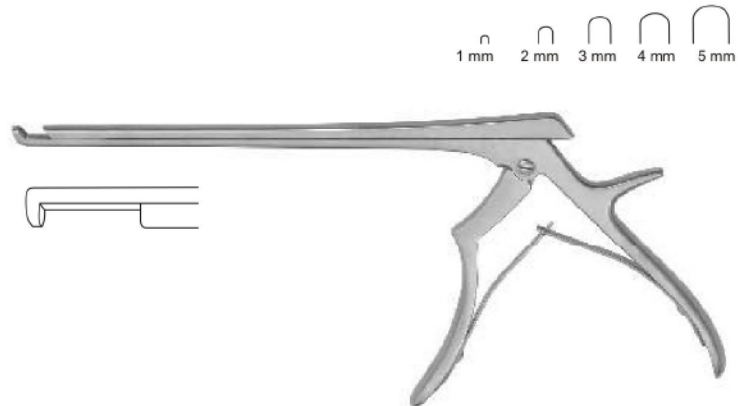
Catalog #	Size, Bite Size
NS-308-01	20 cm (8"), 1 mm
NS-308-02	20 cm (8"), 2 mm
NS-308-03	20 cm (8"), 3 mm
NS-308-04	20 cm (8"), 4 mm
NS-308-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**

Down Cutting

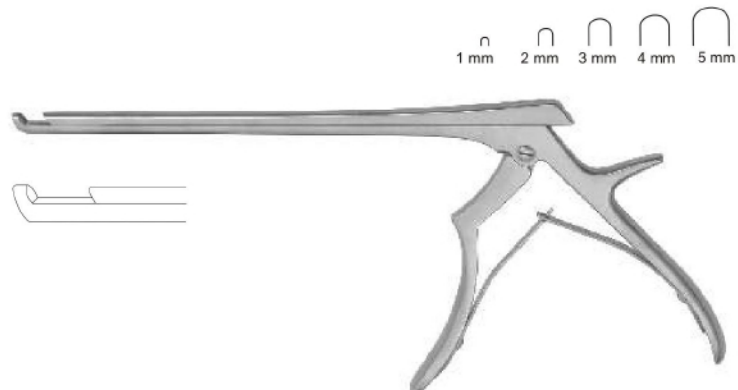
Catalog #	Size, Bite Size
NS-309-01	20 cm (8"), 1 mm
NS-309-02	20 cm (8"), 2 mm
NS-309-03	20 cm (8"), 3 mm
NS-309-04	20 cm (8"), 4 mm
NS-309-05	20 cm (8"), 5 mm

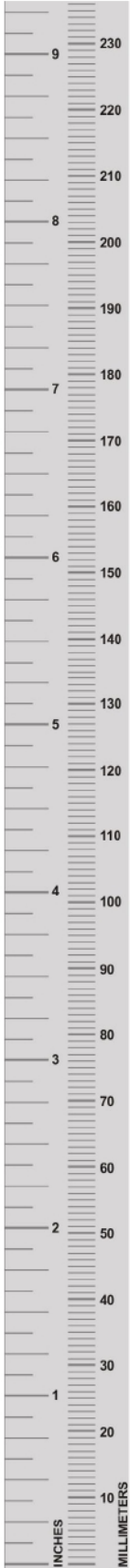


**Ferris-Smith Kerrison Rongeur**

40° Forward Up Cutting

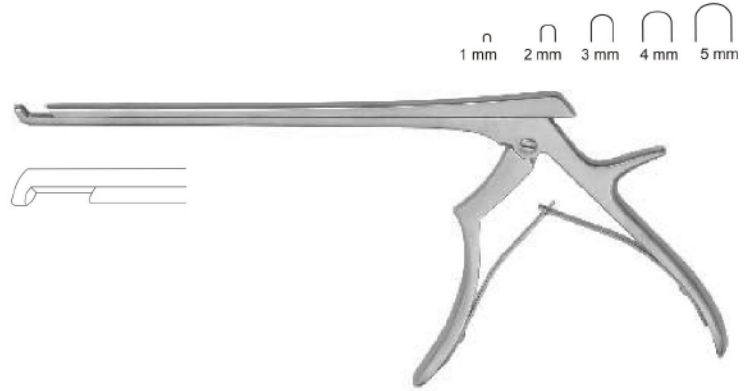
Catalog #	Size, Bite Size
NS-310-01	20 cm (8"), 1 mm
NS-310-02	20 cm (8"), 2 mm
NS-310-03	20 cm (8"), 3 mm
NS-310-04	20 cm (8"), 4 mm
NS-310-05	20 cm (8"), 5 mm





**Ferris-Smith Kerrison Rongeur**  
40° Forward Down Cutting

Catalog #	Size, Bite Size
NS-311-01	20 cm (8"), 1 mm
NS-311-02	20 cm (8"), 2 mm
NS-311-03	20 cm (8"), 3 mm
NS-311-04	20 cm (8"), 4 mm
NS-311-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
Detachable Model, Up Cutting

Catalog #	Size, Bite Size
NS-320-01	18 cm (7"), 1 mm
NS-320-02	18 cm (7"), 2 mm
NS-320-03	18 cm (7"), 3 mm
NS-320-04	18 cm (7"), 4 mm
NS-320-05	18 cm (7"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
Detachable Model, Down Cutting

Catalog #	Size, Bite Size
NS-321-01	18 cm (7"), 1 mm
NS-321-02	18 cm (7"), 2 mm
NS-321-03	18 cm (7"), 3 mm
NS-321-04	18 cm (7"), 4 mm
NS-321-05	18 cm (7"), 5 mm



**Ferris-Smith Kerrison Rongeur**

Detachable Model, 40° Forward Up Cutting

Catalog #	Size, Bite Size
NS-322-01	18 cm (7"), 1 mm
NS-322-02	18 cm (7"), 2 mm
NS-322-03	18 cm (7"), 3 mm
NS-322-04	18 cm (7"), 4 mm
NS-322-05	18 cm (7"), 5 mm


**Ferris-Smith Kerrison Rongeur**

Detachable Model, 40° Forward Down Cutting

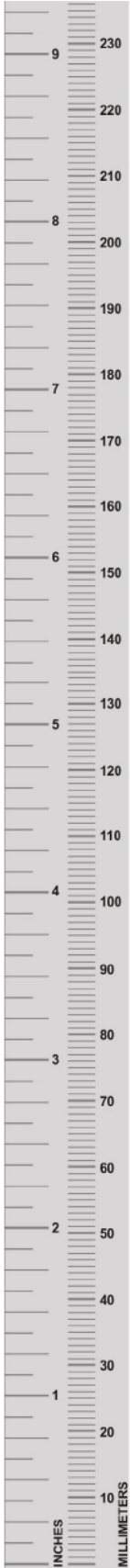
Catalog #	Size, Bite Size
NS-323-01	18 cm (7"), 1 mm
NS-323-02	18 cm (7"), 2 mm
NS-323-03	18 cm (7"), 3 mm
NS-323-04	18 cm (7"), 4 mm
NS-323-05	18 cm (7"), 5 mm


**Ferris-Smith Kerrison Rongeur**

Detachable Model, Up Cutting

Catalog #	Size, Bite Size
NS-324-01	20 cm (8"), 1 mm
NS-324-02	20 cm (8"), 2 mm
NS-324-03	20 cm (8"), 3 mm
NS-324-04	20 cm (8"), 4 mm
NS-324-05	20 cm (8"), 5 mm





**Ferris-Smith Kerrison Rongeur**  
Detachable Model, Down Cutting

Catalog #	Size, Bite Size
NS-325-01	20 cm (8"), 1 mm
NS-325-02	20 cm (8"), 2 mm
NS-325-03	20 cm (8"), 3 mm
NS-325-04	20 cm (8"), 4 mm
NS-325-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
Detachable Model, 40° Up Cutting

Catalog #	Size, Bite Size
NS-326-01	20 cm (8"), 1 mm
NS-326-02	20 cm (8"), 2 mm
NS-326-03	20 cm (8"), 3 mm
NS-326-04	20 cm (8"), 4 mm
NS-326-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
Detachable Model, 40° Down Cutting

Catalog #	Size, Bite Size
NS-327-01	20 cm (8"), 1 mm
NS-327-02	20 cm (8"), 2 mm
NS-327-03	20 cm (8"), 3 mm
NS-327-04	20 cm (8"), 4 mm
NS-327-05	20 cm (8"), 5 mm

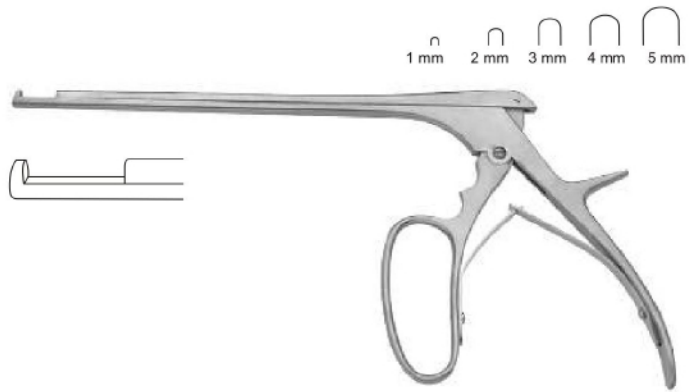




**Ferris-Smith Kerrison Rongeur**

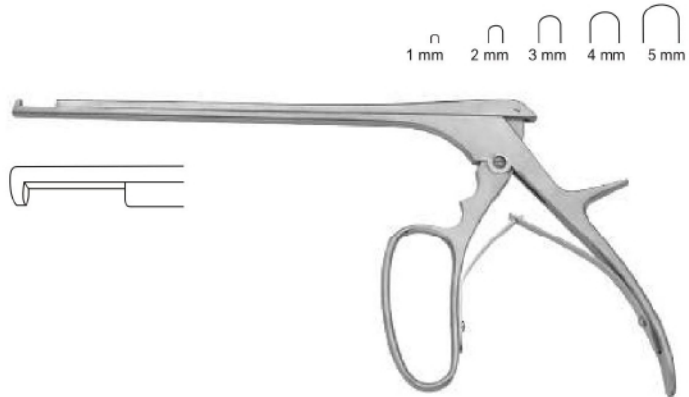
Up Cutting

Catalog #	Size, Bite Size
NS-330-01	18 cm (7"), 1 mm
NS-330-02	18 cm (7"), 2 mm
NS-330-03	18 cm (7"), 3 mm
NS-330-04	18 cm (7"), 4 mm
NS-330-05	18 cm (7"), 5 mm


**Ferris-Smith Kerrison Rongeur**

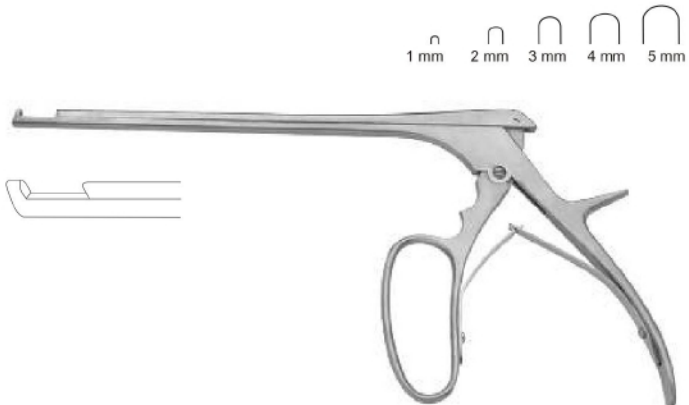
Down Cutting

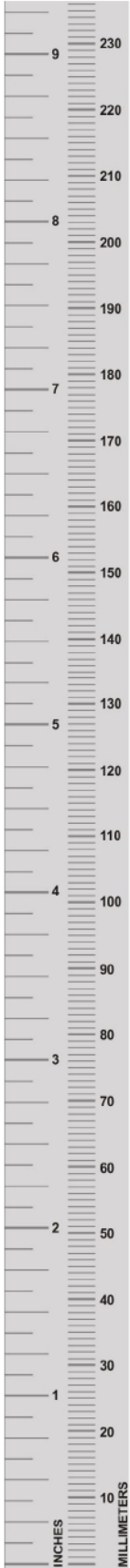
Catalog #	Size, Bite Size
NS-331-01	18 cm (7"), 1 mm
NS-331-02	18 cm (7"), 2 mm
NS-331-03	18 cm (7"), 3 mm
NS-331-04	18 cm (7"), 4 mm
NS-331-05	18 cm (7"), 5 mm


**Ferris-Smith Kerrison Rongeur**

40° Forward Up Cutting

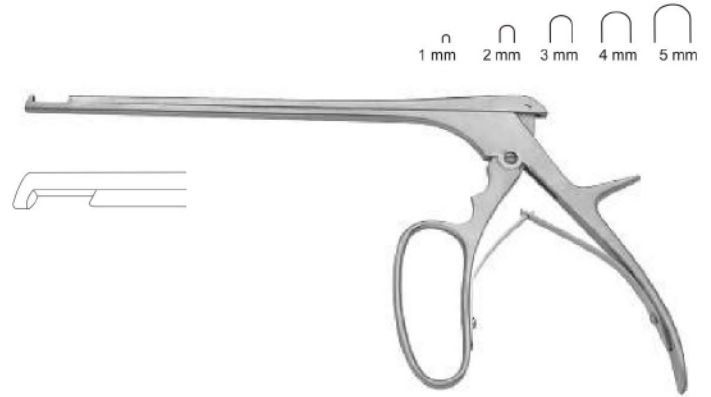
Catalog #	Size, Bite Size
NS-332-01	18 cm (7"), 1 mm
NS-332-02	18 cm (7"), 2 mm
NS-332-03	18 cm (7"), 3 mm
NS-332-04	18 cm (7"), 4 mm
NS-332-05	18 cm (7"), 5 mm





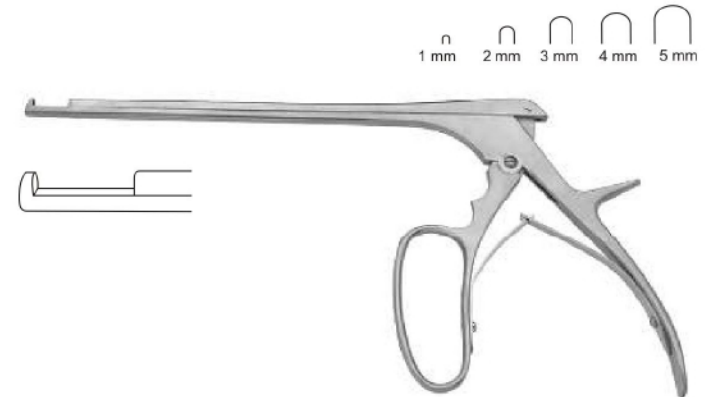
**Ferris-Smith Kerrison Rongeur**  
40° Forward Down Cutting

Catalog #	Size, Bite Size
NS-333-01	18 cm (7"), 1 mm
NS-333-02	18 cm (7"), 2 mm
NS-333-03	18 cm (7"), 3 mm
NS-333-04	18 cm (7"), 4 mm
NS-333-05	18 cm (7"), 5 mm



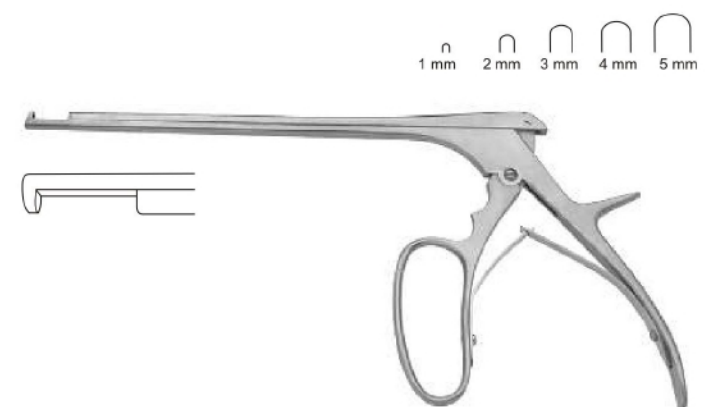
**Ferris-Smith Kerrison Rongeur**  
Up Cutting

Catalog #	Size, Bite Size
NS-334-01	20 cm (8"), 1 mm
NS-334-02	20 cm (8"), 2 mm
NS-334-03	20 cm (8"), 3 mm
NS-334-04	20 cm (8"), 4 mm
NS-334-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**  
Down Cutting

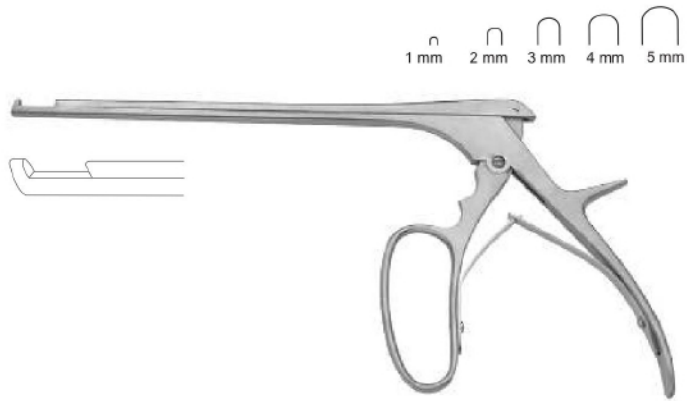
Catalog #	Size, Bite Size
NS-335-01	20 cm (8"), 1 mm
NS-335-02	20 cm (8"), 2 mm
NS-335-03	20 cm (8"), 3 mm
NS-335-04	20 cm (8"), 4 mm
NS-335-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**

40° Forward Up Cutting

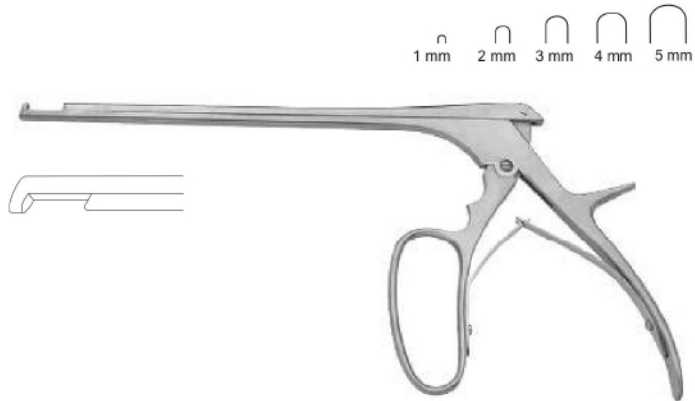
Catalog #	Size, Bite Size
NS-336-01	20 cm (8"), 1 mm
NS-336-02	20 cm (8"), 2 mm
NS-336-03	20 cm (8"), 3 mm
NS-336-04	20 cm (8"), 4 mm
NS-336-05	20 cm (8"), 5 mm



**Ferris-Smith Kerrison Rongeur**

40° Forward Down Cutting

Catalog #	Size, Bite Size
NS-337-01	20 cm (8"), 1 mm
NS-337-02	20 cm (8"), 2 mm
NS-337-03	20 cm (8"), 3 mm
NS-337-04	20 cm (8"), 4 mm
NS-337-05	20 cm (8"), 5 mm



**Cushing Leminectomy Rongeur**

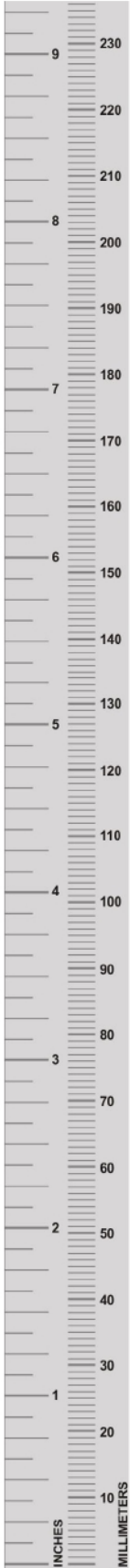
Catalog #	Size, Bite Size, Profile
NS-400-01	13 cm (5"), 2 x 10 mm, Straight
NS-400-02	13 cm (5"), 2 x 10 mm, Up
NS-400-03	13 cm (5"), 2 x 10 mm, Down



**Cushing Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-401-01	15 cm (6"), 2 x 10 mm, Straight
NS-401-02	15 cm (6"), 2 x 10 mm, Up
NS-401-03	15 cm (6"), 2 x 10 mm, Down





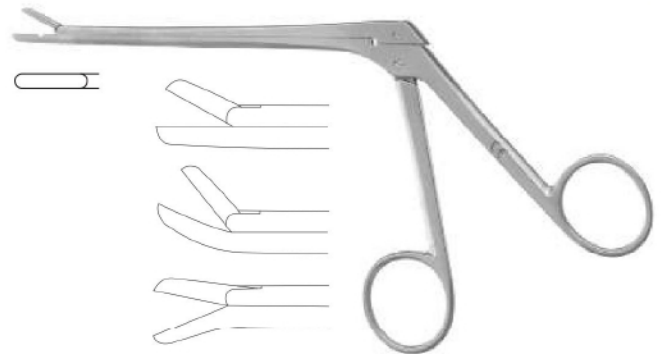
### Cushing Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-402-01	18 cm (7"), 2 x 10 mm, Straight
NS-402-02	18 cm (7"), 2 x 10 mm, Up
NS-402-03	18 cm (7"), 2 x 10 mm, Down



### Cushing Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-403-01	20 cm (8"), 2 x 10 mm, Straight
NS-403-02	20 cm (8"), 2 x 10 mm, Up
NS-403-03	20 cm (8"), 2 x 10 mm, Down



### Love-Gruenwald Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-404-01	13 cm (5"), 3 x 10 mm, Straight
NS-404-02	13 cm (5"), 3 x 10 mm, Up
NS-404-03	13 cm (5"), 3 x 10 mm, Down



### Love-Gruenwald Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-405-01	15 cm (6"), 3 x 10 mm, Straight
NS-405-02	15 cm (6"), 3 x 10 mm, up
NS-405-03	15 cm (6"), 3 x 10 mm, Down



**Love-Gruenwald Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-406-01	18 cm (7"), 3 x 10 mm, Straight
NS-406-02	18 cm (7"), 3 x 10 mm, Up
NS-406-03	18 cm (7"), 3 x 10 mm, Down


**Love-Gruenwald Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-407-01	20 cm (8"), 3 x 10 mm, Straight
NS-407-02	20 cm (8"), 3 x 10 mm, Up
NS-407-03	20 cm (8"), 3 x 10 mm, Down

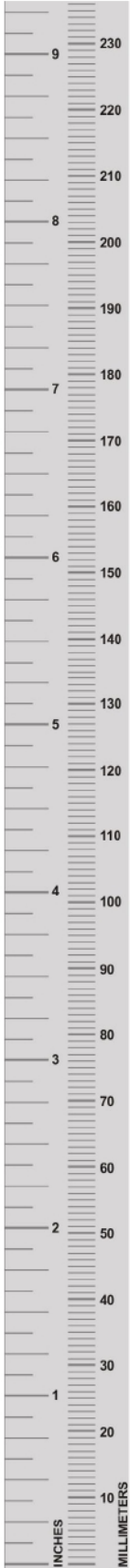

**Spurling Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-408-01	13 cm (5"), 4 x 10 mm, Straight
NS-408-02	13 cm (5"), 4 x 10 mm, Up
NS-408-03	13 cm (5"), 4 x 10 mm, Down


**Spurling Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-409-01	15 cm (6"), 4 x 10 mm, Straight
NS-409-02	15 cm (6"), 4 x 10 mm, Up
NS-409-03	15 cm (6"), 4 x 10 mm, Down





### Spurling Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-410-01	18 cm (7"), 4 x 10 mm, Straight
NS-410-02	18 cm (7"), 4 x 10 mm, Up
NS-410-03	18 cm (7"), 4 x 10 mm, Down



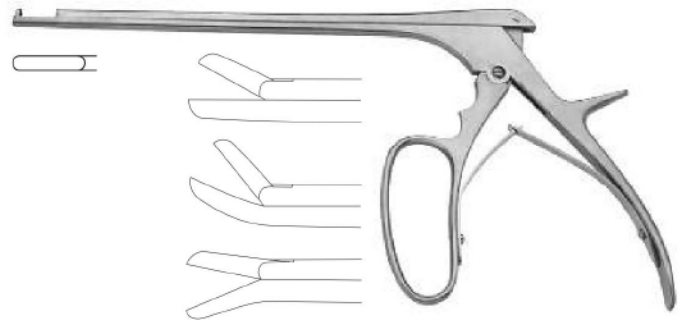
### Spurling Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-411-01	20 cm (8"), 4 x 10 mm, Straight
NS-411-02	20 cm (8"), 4 x 10 mm, Up
NS-411-03	20 cm (8"), 4 x 10 mm, Down



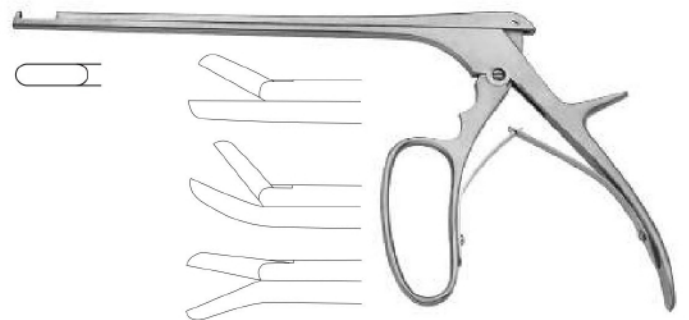
### Ferris-Smith Leminectomy Rongeur Straight

Catalog #	Size, Bite Size, Profile
NS-430-01	15.5 cm (6"), 2 mm, Straight
NS-430-02	15.5 cm (6"), 2 mm, Up
NS-430-03	15.5 cm (6"), 2 mm, Down



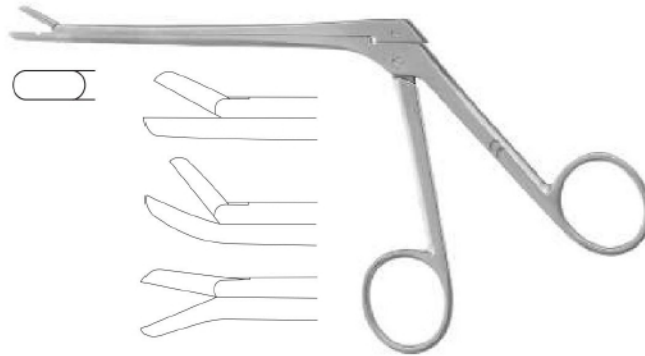
### Ferris-Smith Leminectomy Rongeur

Catalog #	Size, Bite Size, Profile
NS-431-01	15.5 cm (6"), 3 mm, Straight
NS-431-02	15.5 cm (6"), 3 mm, Up
NS-431-03	15.5 cm (6"), 3 mm, Down

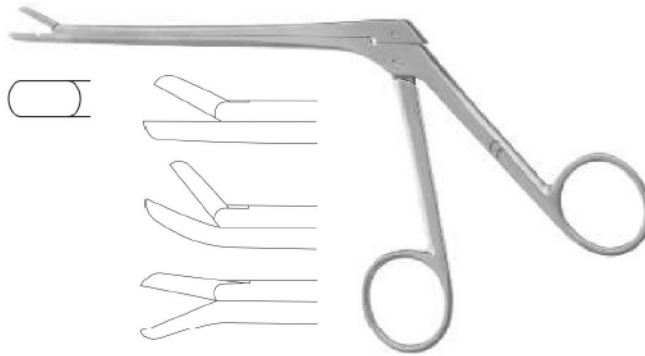


**Ferris-Smith Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-432-01	15.5 cm (6"), 4 mm, Straight
NS-432-02	15.5 cm (6"), 4 mm, Up
NS-432-03	15.5 cm (6"), 4 mm, Down


**Ferris-Smith Leminectomy Rongeur**

Catalog #	Size, Bite Size, Profile
NS-433-01	15.5 cm (6"), 5 mm, Straight
NS-433-02	15.5 cm (6"), 5 mm, Up
NS-433-03	15.5 cm (6"), 5 mm, Down

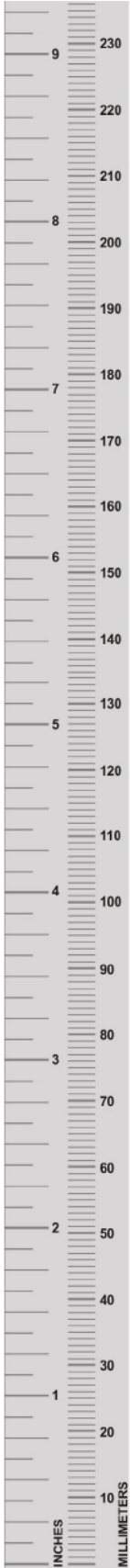

**Leminectomy Rongeur**  
 Fenestrated and Serrated Jaws

Catalog #	Size, Bite Size, Profile
NS-440-01	15.5 cm (6"), 2 x 12 mm, Straight
NS-440-02	15.5 cm (6"), 2 x 12 mm, Up
NS-440-03	15.5 cm (6"), 2 x 12 mm, Down


**Leminectomy Rongeur**  
 Fenestrated and Serrated Jaws

Catalog #	Size, Bite Size, Profile
NS-441-01	15.5 cm (6"), 3 x 12 mm, Straight
NS-441-02	15.5 cm (6"), 3 x 12 mm, Up
NS-441-03	15.5 cm (6"), 3 x 12 mm, Down





### Leminectomy Rongeur

Straight, Fenestrated and Serrated Jaws

Catalog #	Size, Bite Size, Profile
NS-442-01	15.5 cm (6"), 4 x 14 mm, Straight
NS-442-02	15.5 cm (6"), 4 x 14 mm, Up
NS-442-03	15.5 cm (6"), 4 x 14 mm, Down



### Leminectomy Rongeur

Fenestrated and Serrated Jaws

Catalog #	Size, Bite Size, Profile
NS-443-01	15.5 cm (6"), 5 x 14 mm, Straight
NS-443-02	15.5 cm (6"), 5 x 14 mm, Up
NS-443-03	15.5 cm (6"), 5 x 14 mm, Down



### Leminectomy Rongeur

Fenestrated and Serrated Jaws

Catalog #	Size, Bite Size, Profile
NS-444-01	15.5 cm (6"), 6 x 14 mm, Straight
NS-444-02	15.5 cm (6"), 6 x 14 mm, Up
NS-444-03	15.5 cm (6"), 6 x 14 mm, Down



### Schlesinger Leminectomy Rongeur

Serrated Jaws

Catalog #	Size, Bite Size
NS-451-02	13 cm (5"), 2 x 10 mm
NS-451-03	13 cm (5"), 3 x 10 mm
NS-451-04	13 cm (5"), 4 x 10 mm





**Yasargil Tumor Grasping Forcep**



Catalog #	Size, Bite Size
NS-461-35	20 cm (8"), Ø 3.5 mm

**Oldberg Tumor Grasping Forcep**



Catalog #	Size, Bite Size
NS-463-60	18 cm (7"), Ø 6.5 mm

**Jacobson Micro Knife**

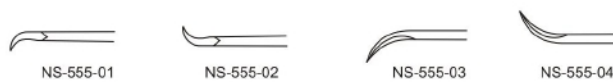
Straight



Catalog #	Size
NS-550-18	18.5 cm (7 1/4")

**Koos Micro Knife**

Bayonet Shaped

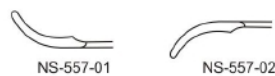


Catalog #	Size, Bite Size
NS-555-01	18.5 cm (7 1/4")
NS-555-02	18.5 cm (7 1/4")
NS-555-03	18.5 cm (7 1/4")
NS-555-04	18.5 cm (7 1/4")



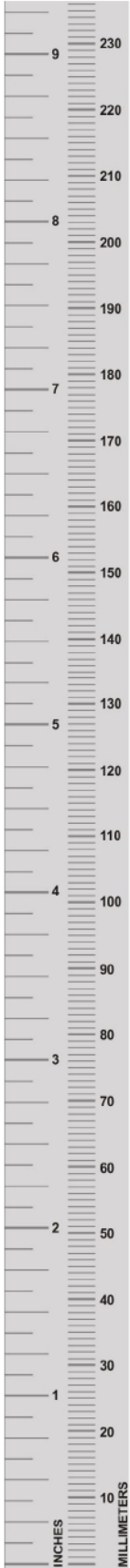
**Koos Micro Knife**

Bayonet Shaped



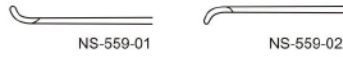
Catalog #	Size
NS-557-01	18.5 cm (7 1/4")
NS-557-02	18.5 cm (7 1/4")





### Yasargil Micro Knife

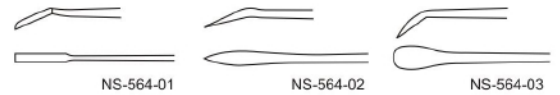
Bayonet Shaped



Catalog #	Size
NS-559-01	18.5 cm (7 3/4")
NS-559-02	18.5 cm (7 3/4")

### Yasargil Micro Respiratory

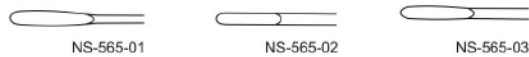
Straight



Catalog #	Size
NS-564-01	18.5 cm (7 3/4")
NS-564-02	18.5 cm (7 3/4")
NS-564-03	18.5 cm (7 3/4")
NS-564-04	18.5 cm (7 3/4")
NS-564-05	18.5 cm (7 3/4")

### Yasargil Micro Respiratory

Bayonet Shaped



Catalog #	Size
NS-565-01	18.5 cm (7 3/4")
NS-565-02	18.5 cm (7 3/4")
NS-565-03	18.5 cm (7 3/4")

### Yasargil Micro Curette

Bayonet Shaped



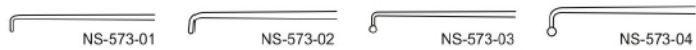
Catalog #	Size
NS-567-18	18.5 cm (7 3/4")

### Micro Nerve & Vessel Hook



Catalog #	Size, Tip Length
NS-571-01	18.5 cm (7 1/4"), 3.0 mm
NS-571-02	18.5 cm (7 1/4"), 5.0 mm

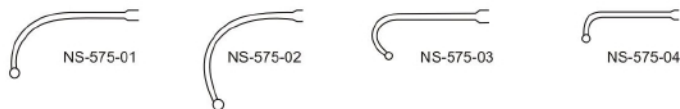
### Krayenbuhl Micro Nerve & Vessel Hook



Catalog #	Size, Profile
NS-573-01	18.5 cm (7 1/4"), Fig. 1
NS-573-02	18.5 cm (7 1/4"), Fig. 2
NS-573-03	18.5 cm (7 1/4"), Fig. 3
NS-573-04	18.5 cm (7 1/4"), Fig. 4



### Yasargil Ligature Guide



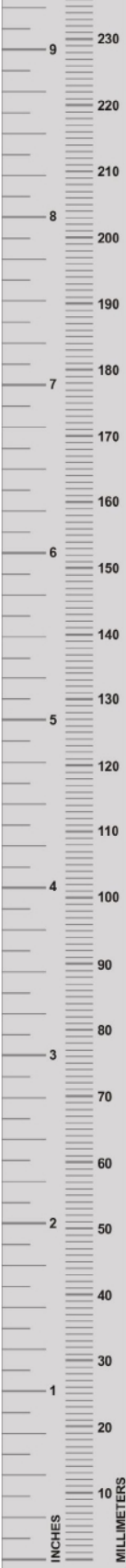
Catalog #	Size, Profile
NS-575-01	18.5 cm (7 1/4"), Fig. 1
NS-575-02	18.5 cm (7 1/4"), Fig. 2
NS-575-03	18.5 cm (7 1/4"), Fig. 3
NS-575-04	18.5 cm (7 1/4"), Fig. 4



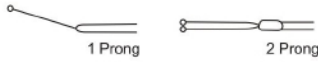
### Micro Vessel Dilator



Catalog #	Size, Diameter, Profile
NS-577-01	12.5 cm (5"), Ø 0.5 mm, Fig. 1
NS-577-02	12.5 cm (5"), Ø 1.0 mm, Fig. 2
NS-577-3	12.5 cm (5"), Ø 1.5 mm, Fig. 3



### Jacobson Micro Vessel Probe



Catalog #	Size, Profile
NS-579-01	18.5 cm (7 3/4"), 1 Prong
NS-579-02	18.5 cm (7 3/4"), 2 Prong

### Jacobson Micro Suture Pusher



Catalog #	Size
NS-579-03	18.5 cm (7 3/4")

### Rhoton Micro Dissector

Set of 15 Ref: NS-591-01 up to NS-591-15



Catalog #	Size
NS-590-00	N/A

### Rhoton Micro Dissector

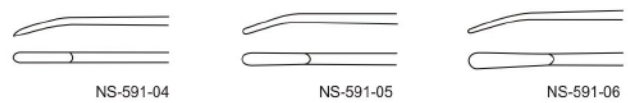
Round Shaped



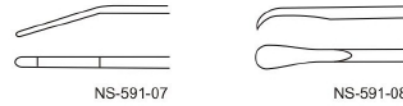
Catalog #	Size, Diameter
NS-591-01	18.5 cm (7 3/4"), Ø 1.0 mm
NS-591-02	18.5 cm (7 3/4"), Ø 2.0 mm
NS-591-03	18.5 cm (7 3/4"), Ø 3.0 mm

### Rhoton Micro Dissector

Spatula Shaped



Catalog #	Size, Tip Size
NS-591-04	18.5 cm (7 3/4"), 1.0 mm
NS-591-05	18.5 cm (7 3/4"), 1.5 mm
NS-591-06	18.5 cm (7 3/4"), 2.0 mm

**Rhoton Micro Elevator**


NS-591-07

NS-591-08

Catalog #	Size, Tip Size
NS-591-07	18.5 cm (7 1/4"), 1.2 mm
NS-591-08	18.5 cm (7 1/4"), 2.8 mm

**Rhoton Micro Needle**

Semi, Sharp



Catalog #	Size
NS-591-09	18.5 cm (7 1/4")

**Rhoton Micro Hook**

Angled 90°, Blunt



Catalog #	Size, Tip Size
NS-591-10	18.5 cm (7 1/4"), 2 mm

**Rhoton Micro Hook**

Angled 90°, Semi Sharp



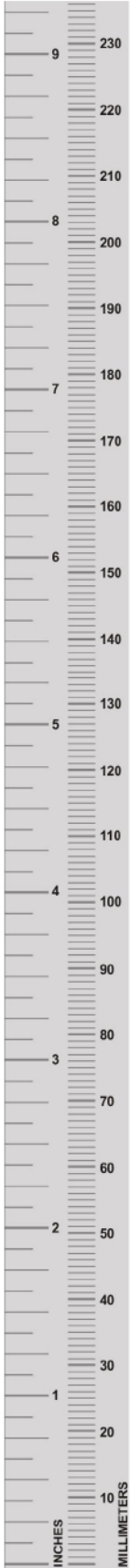
Catalog #	Size, Tip Size
NS-591-11	18.5 cm (7 1/4"), 2 mm

**Rhoton Micro Hook**

Angled 45°, Semi Sharp



Catalog #	Size, Tip Size
NS-591-12	18.5 cm (7 1/4"), 3 mm



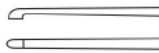
**Rhoton Micro Hook**

Angled 90°



Catalog #	Size
NS-591-13	18.5 cm (7 1/4")

**Rhoton Micro Curette**



Catalog #	Size, Tip Size
NS-591-14	18.5 cm (7 1/4"), 1.0 x 2.0 mm

**Rhoton Micro Curette**

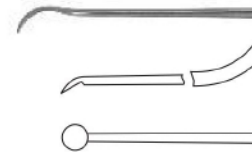
Angled 45°



Catalog #	Size, Tip Size
NS-591-15	18.5 cm (7 1/4"), 1.0 x 2.0 mm

**Yasargil Micro Elevator**

Bayonet Shaped



Catalog #	Size
NS-607-24	24 cm (9 1/2")

**Yasargil Micro Elevator**

Bayonet Shaped



Catalog #	Size
NS-611-24	24 cm (9 1/2")

**Yasargil Micro Raspatory**

Bayonet Shaped



Catalog #	Size
NS-613-24	24 cm (9 1/2")

**Yasargil Micro Dissector**

Bayonet Shaped



Catalog #	Size
NS-615-01	24 cm (9 1/2")
NS-615-02	24 cm (9 1/2")

**Yasargil Micro Needle**

Bayonet Shaped, Semi Sharp



Catalog #	Size
NS-618-24	24 cm (9 1/2")

**Yasargil Micro Curette**

Straight



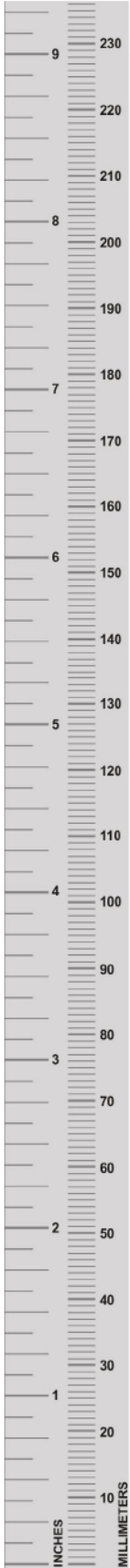
Catalog #	Size
NS-631-01	24 cm (9 1/2")

**Yasargil Micro Curette**

Angled



Catalog #	Size
NS-633-01	24 cm (9 1/2")



### Yasargil Micro Curette

Bayonet Shaped



Catalog #	Size
NS-635-01	24 cm (9 1/2")

### Hardy Micro Sickle Dissector

Bayonet Shaped, Blunt



Catalog #	Size
NS-651-01	24 cm (9 1/2")
NS-651-02	24 cm (9 1/2")

### Hardy Micro Sickle Dissector

Bayonet Shaped, Sharp



Catalog #	Size
NS-651-03	24 cm (9 1/2")
NS-651-04	24 cm (9 1/2")

### Hardy Implant Fork

Bayonet Shaped



Catalog #	Size
NS-655-24	24 cm (9 1/2")

### Hardy-Fahlbusch Micro Dissector

Bayonet Shaped Sharp



Catalog #	Size
NS-659-01	24 cm (9 1/2")
NS-659-02	24 cm (9 1/2")



**Casper Micro Dissector**

Set of 6 Ref: NS-671-10 up to NS-675-10



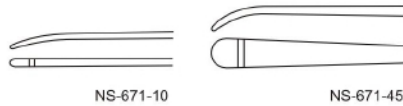
Catalog #	Size
NS-670-00	N/A

**Casper Micro Dissector**

Straight



Catalog #	Size, Tip Size
NS-671-10	24 cm (9 1/2"), 1.0 mm
NS-671-45	24 cm (9 1/2"), 4.5 mm



NS-671-10

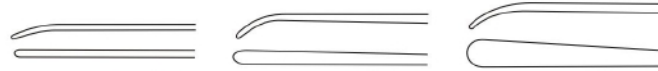
NS-671-45

**Casper Micro Dissector**

Bayonet Shaped, Curved Down



Catalog #	Size, Tip Size
NS-673-10	24 cm (9 1/2"), 1.0 mm
NS-673-20	24 cm (9 1/2"), 2.0 mm
NS-673-45	24 cm (9 1/2"), 4.5 mm



NS-673-10

NS-673-20

NS-673-45

**Casper Micro Dissector**

Bayonet Shaped, Curved Up



Catalog #	Size, Tip Size
NS-675-10	24 cm (9 1/2"), 1.0 mm

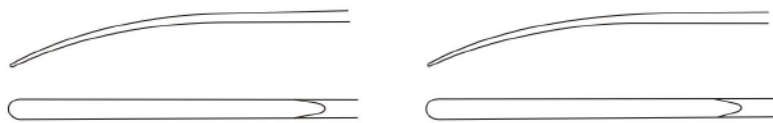


**Micro Dissector**

Straight

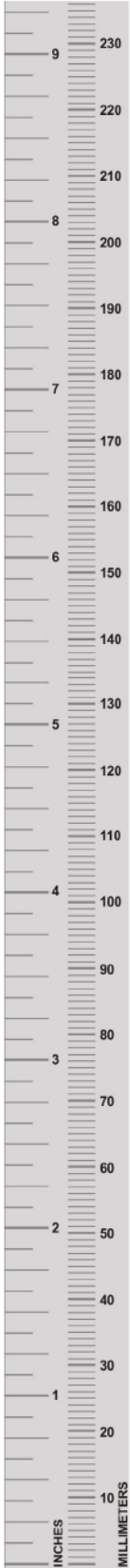


Catalog #	Size
NS-679-10	19 cm (7 1/2")
NS-679-22	21.5 cm (8 1/2")



NS-679-10

NS-679-22



### Ray Micro Curette

Angled 45°, Horizontal



Catalog #	Size, Diameter
NS-681-01	19 cm (7 1/2"), Ø 4.0 mm

### Ray Micro Curette

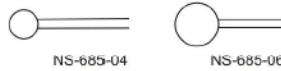
Angled 45°, Vertical



Catalog #	Size, Diameter
NS-681-02	19 cm (7 1/2"), Ø 4.0 mm

### Hardy Micro Curette

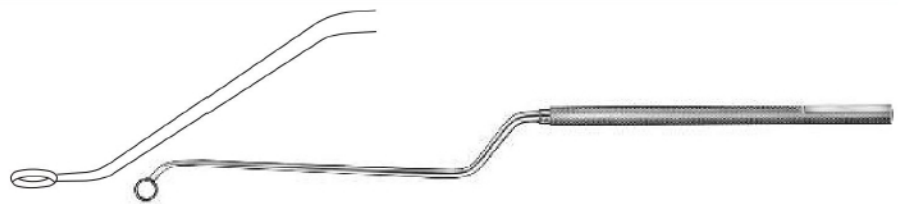
Bayonet Shaped



Catalog #	Size, Diameter
NS-685-04	26 cm (10 1/4"), Ø 4.0 mm
NS-685-06	26 cm (10 1/4"), Ø 6.0 mm

### Nicola Micro Curette

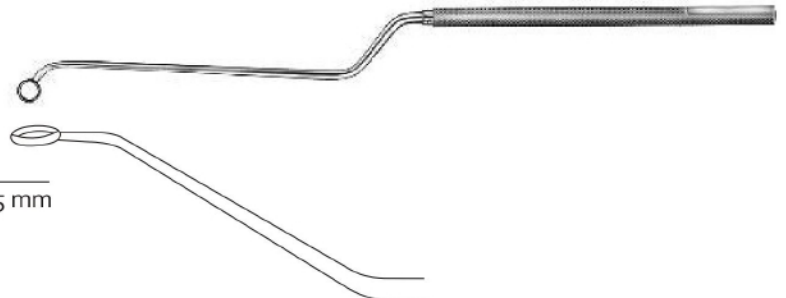
Bayonet Shaped, Left



Catalog #	Size, Diameter
NS-689-01	21.5 cm (8 1/2"), Ø 6.5 mm

### Nicola Micro Curette

Bayonet Shaped, Right



Catalog #	Size, Diameter
NS-689-02	21.5 cm (8 1/2"), Ø 6.5 mm

### Nicola Micro Curette

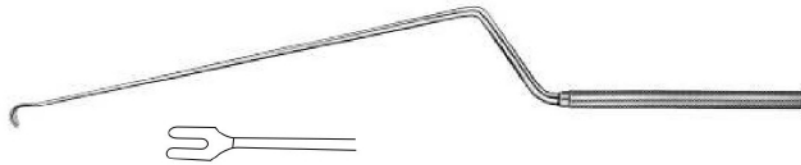
Bayonet Shaped, Angled Up



Catalog #	Size, Diameter
NS-689-03	21.5 cm (8 1/2"), Ø 6.5 mm

### Hosobuchi Fork Spatula

Bayonet Shaped, Rigid



Catalog #	Size
NS-695-26	26 cm (10 1/4")

### Landolt Micro Curette

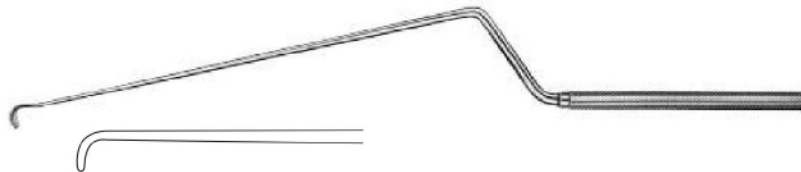
Bayonet Shaped, Malleable



Catalog #	Size
NS-697-26	26 cm (10 1/4")

### Landolt Micro Curette

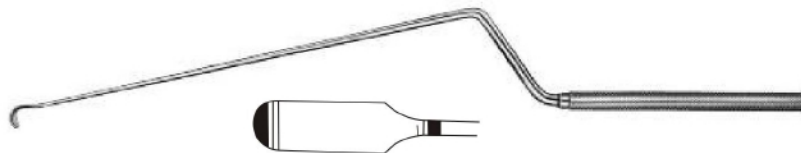
Bayonet Shaped, Blunt, Malleable



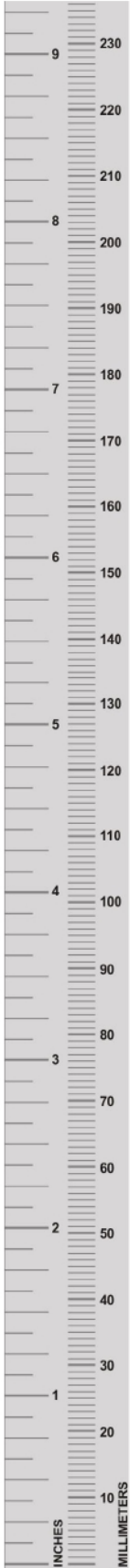
Catalog #	Size
NS-699-26	26 cm (10 1/4")

### Landolt Micro Raspatory

Bayonet Shaped, Malleable



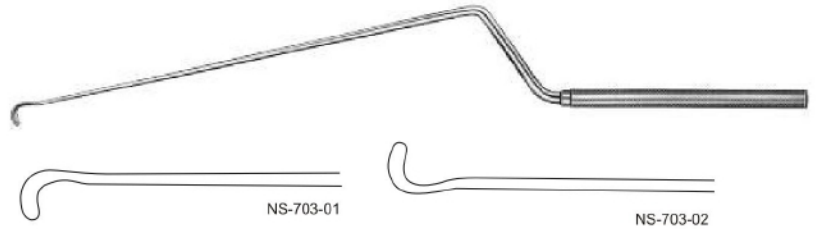
Catalog #	Size
NS-701-26	26 cm (10 1/4")



### Landolt Micro Enucleator

Bayonet Shaped

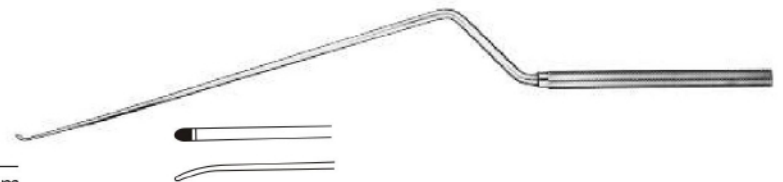
Catalog #	Size
NS-703-01	26 cm (10 1/4")
NS-703-02	26 cm (10 1/4")



### Landolt-Reulen Micro Dissector

Bayonet Shaped, Rigid

Catalog #	Size, Tip Size
NS-711-26	26 cm (10 1/4"), 2.0 mm



### Landolt-Reulen Micro Hook

Bayonet Shaped, Blunt, Rigid

Catalog #	Size, Tip Size
NS-713-26	26 cm (10 1/4"), 1.7 mm



### Landolt-Reulen Micro Curette

Bayonet Shaped, Rigid

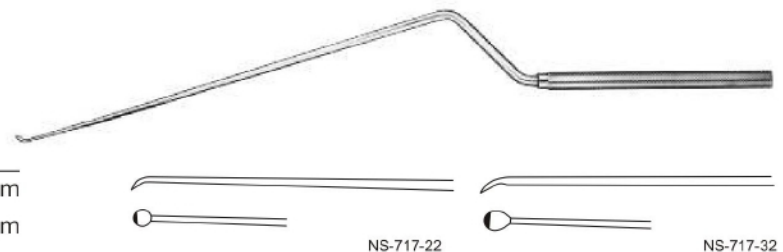
Catalog #	Size, Diameter
NS-715-26	26 cm (10 1/4"), Ø 2.5 mm



### Landolt-Reulen Micro Raspatory

Bayonet Shaped, Rigid

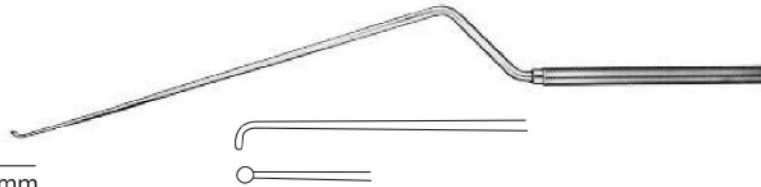
Catalog #	Size, Tip Size
NS-717-22	26 cm (10 1/4"), 2.2 mm
NS-717-32	26 cm (10 1/4"), 2.2 mm



### Fahlbusch Micro Curette

Bayonet Shaped, Malleable

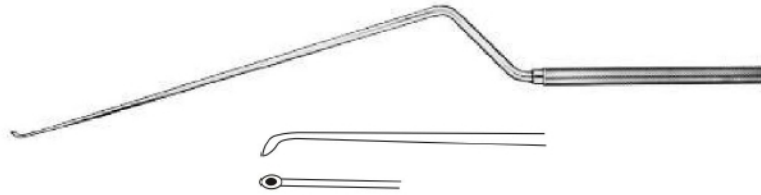
Catalog #	Size, Diameter
NS-719-01	26 cm (10 1/4"), Ø 2.5 mm



### Fahlbusch Micro Scoop

Bayonet Shaped, Malleable

Catalog #	Size
NS-719-02	26 cm (10 1/4")



### Cushing-Landolt Specula

Catalog #	Size, Blade Size
NS-751-01	N/A, 70 x 15 mm
NS-751-02	N/A, 90 x 15 mm
NS-751-03	N/A, 110 x 15 mm



### Landolt Spccla

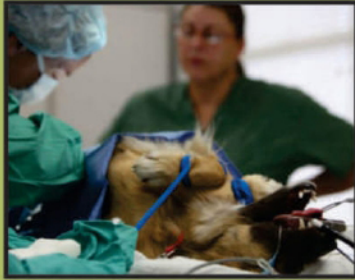
Catalog #	Size
NS-755-21	21.5 cm (8 1/2")



### Mirror

Catalog #	Diameter
NS-790-06	Ø 6.0 mm
NS-790-08	Ø 8.0 mm
NS-790-10	Ø 10.0 mm
NS-790-12	Ø 12.0 mm





Veterinary



Surgical



Beauty Care

## VOLGO CARE INTERNATIONAL

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**CERTIFIED:**

ISO 9001:2015 / ISO13485:2016 