

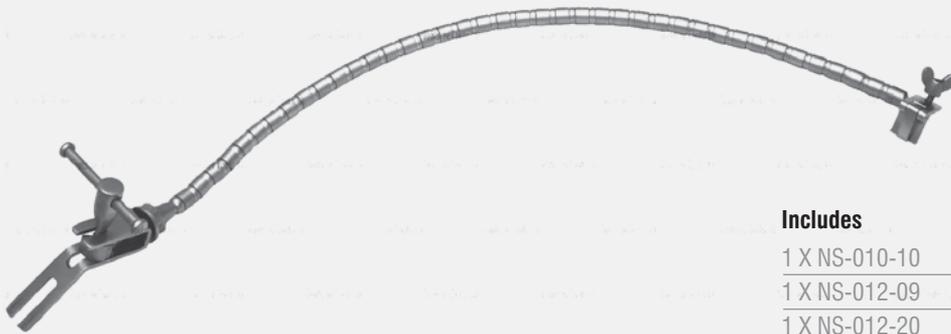
SURGICAL REGION

Manufacture & Exporters



NeuroSurgical Instruments

Self-Retaining Retractors, for Skull Mounting
 Retraktoren zur Fixation am Schädel
 Separadores para la fijación del cráneo
 Ecarteurs autofixant au crâne
 Autofissator per retrattori, per il supporto del cranio



NS-010-01
Yasargil (Leyla) Brain Single Arm Retractor
 Complete

Includes

- 1 X NS-010-10
- 1 X NS-012-09
- 1 X NS-012-20
- 1 X NS-012-40
- 1 X NS-010-45



NS-010-02
Yasargil (Leyla) Brain Double Arm Retractor
 Complete

Includes

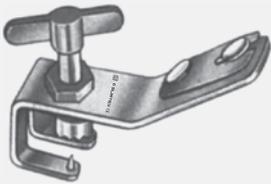
- 1 X NS-010-10
- 1 X NS-012-09
- 1 X NS-012-20
- 1 X NS-012-25
- 1 X NS-010-45



NS-010-10
Yasargil (Leyla) Flexible Arm
 Complete



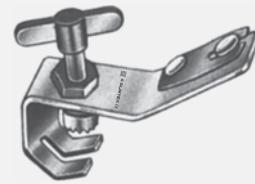
Self-Retaining Retractors, for Skull Mounting
 Retraktoren zur Fixation am Schädel
 Separadores para la fijación del cráneo
 Ecarteurs autofixant au crâne
 Autofissator per retrattori, per il supporto del cranio



NS-010-21
 Yasargil (Leyla) Fixation Base



NS-010-22
 Yasargil (Leyla) Fixation Base



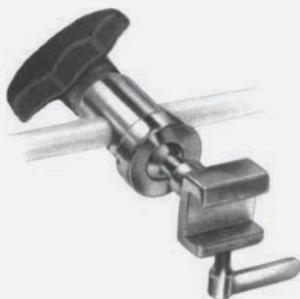
NS-010-30
 Yasargil (Leyla) Fixation Base



NS-010-40
 Yasargil (Leyla) Support For Round Spatulas



NS-010-45
 Yasargil (Leyla) Support For Flat Spatulas



NS-012-09
 9 x 32 mm

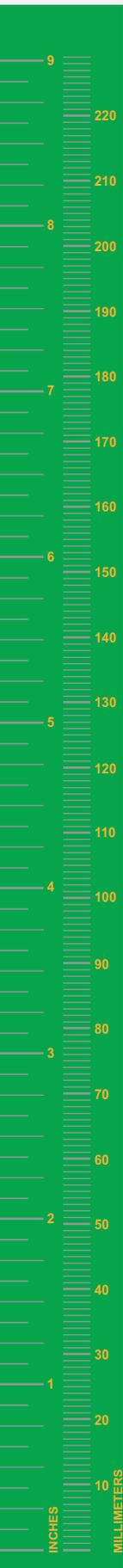
NS-012-10
 10 x 25 mm

Yasargil (Leyla) Ball and Socket Joint



NS-012-20
 Yasargil (Leyla) Holding Rod

Vertebral Distractor
 Wirbeldistraktor
 Distractor vertebral
 Distracteur vertébral
 Distrattore vertebrale



NS-012-25
 Yasargil (Leyla) Coupling Head



NS-012-40
 Yasargil (Leyla) Coupling Head



NS-016-01
 Caspar Vertebral Distractor
 Right, 80 mm



NS-020-02
 Caspar Drill Guide
 Right



NS-022-01
 Caspar Vertebral Distractor
 Left, 80 mm



NS-022-02
 Caspar Drill Guide
 Left

Vertebral Distractor
 Wirbeldistraktor
 Distractor vertebral
 Distracteur vertébral
 Distrattore vertebrale



NS-024-00
Caspas Twist Drill
 Ø 1.7 mm
 Overall Length 14.5 cm (5 ½")

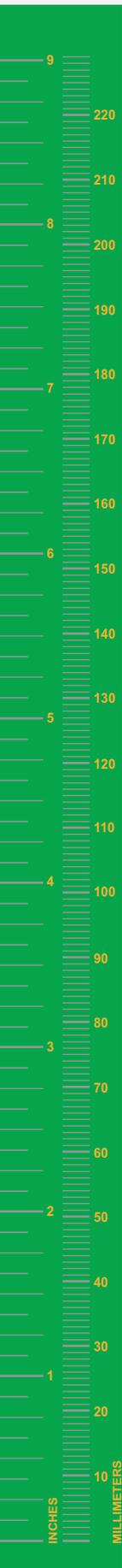


NS-026-12
 12.0 mm
NS-026-14
 14.0 mm
NS-026-16
 16.0 mm
NS-026-18
 18.0 mm
Caspas Distraction Screw



NS-028-20
Caspas Screw Driver
 Overall Length 20 cm (8")

Vertebral Body Dissector, Laminectomy Retractors, Self-Retaining
 Dissektor für Wirbelkörper, Laminektomie-Retraktoren, selbsthaltend
 Disector de cuerpo vertebral, Separadores de laminectomía, autoestáticos
 Dissecteur du corps vertébral, Écarteurs de laminectomie, autostatiques
 Dissettore del corpo vertebrale, Divaricatori per laminectomia, autostatici



Caspar Vertebral Body Dissector
 Overall Length 20.5 cm (8")



NS-029-01
 Flat Tip



NS-029-02
 Bevelled Tip



Meyerding Hemi-Laminectomy Retractor
 Overall Length 20 cm (8")

NS-031-32
 32 x 25 mm

NS-031-44
 44 x 25 mm

NS-031-54
 54 x 25 mm

NS-031-60
 60 x 25 mm

Laminectomy Retractors, Self-Retaining
 Laminektomie-Reraktoren, selbsthaltend
 Separadores de laminectomia, autoestáticos
 Écarteurs de laminectomie, autostatiques
 Divaricatori per laminectomia, autostatici



- NS-033-40**
40 x 25 mm
- NS-033-50**
50 x 25 mm
- NS-033-60**
60 x 25 mm



- NS-035-40**
40 x 25 mm
- NS-035-50**
50 x 25 mm
- NS-035-60**
60 x 25 mm

Markham-Meyerdig Hemi-Laminectomy Retractor

Right Solid Blade
 Overall Length 20 cm (8")

Markham-Meyerdig Hemi-Laminectomy Retractor

Left Solid Blade
 Overall Length 20 cm (8")

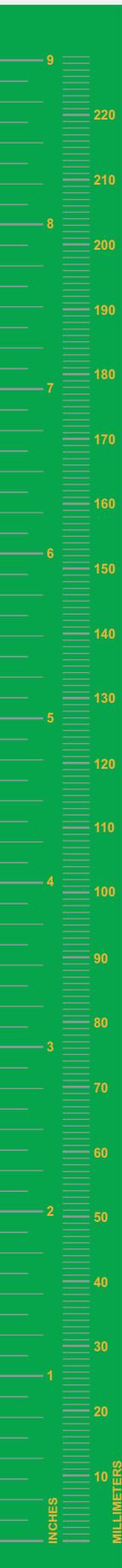


- NS-037-01**
10 x 50 mm
Left Solid Blade
- NS-037-02**
10 x 60 mm
Left Solid Blade
- NS-037-03**
10 x 70 mm
Left Solid Blade
- NS-037-04**
20 x 50 mm
Left Solid Blade
- NS-037-05**
20 x 60 mm
Left Solid Blade
- NS-037-06**
20 x 70 mm
Left Solid Blade

- NS-039-01**
10 x 50 mm
Right Solid Blade
- NS-039-02**
10 x 60 mm
Right Solid Blade
- NS-039-03**
10 x 70 mm
Right Solid Blade
- NS-039-04**
20 x 50 mm
Right Solid Blade
- NS-039-05**
20 x 60 mm
Right Solid Blade
- NS-039-06**
20 x 70 mm
Right Solid Blade

Williams Dissectomy Retractor
 Overall Length 17 cm (6 3/4")

Wire Saws, Skull Traction Tongs
 Drahtsägen, Schädelhalter
 Sierras de hilo, Estribos de tracción craneal
 Fils-scies, Pinces de traction crânienne
 Fili sega, Pinze per trazione craniale



Gigli Wire Saw

NS-050-30
 30 cm (11 3/4")

NS-050-40
 40 cm (15 3/4")

NS-050-50
 50 cm (19 3/4")

NS-050-60
 60 cm (23 1/2")

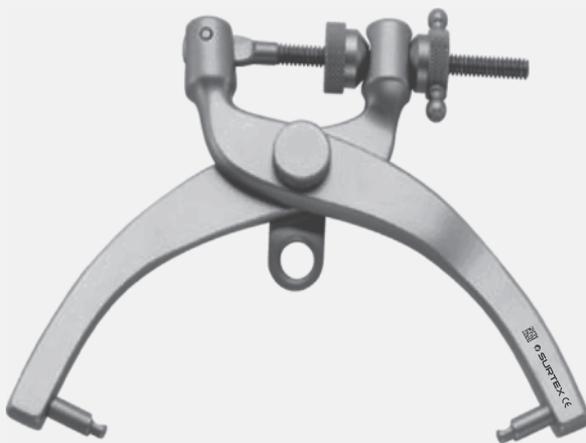
NS-050-70
 70 cm (27 1/2")



NS-055-00
Gigli Wire Saw Handle
 Pair



NS-058-00
De Martel Wire Saw Guide
 Overall Length 33 cm (13")



NS-061-01
Crutchfield Skull Traction Tongs
 Small Pattern



NS-061-02
Crutchfield Skull Traction Tongs
 Medium Pattern

Skull Traction Tongs
 Schädelhalter
 Estribos de tracción craneal
 Pinces de traction crânienne
 Pinze per trazione craniale



NS-065-35
3.5 mm

NS-065-50
5.0 mm

Crutchfield Drill Point
Overall Length 7 cm (2 ¾")



NS-071-00
Skull Traction Tongs
Large Pattern



NS-075-01
Spare Pin



NS-075-02
Wrench

Cranial Rongeurs
 Schädelzangen
 Pinzas sacabocados craneales
 Pincas emporte-pièces crâniennes
 Pinze per craniectomia



NS-081-15
Adson Drill Guide & Dura Protector
 Overall Length 15 cm (6")



NS-083-21
Bacon Cranial Rongeur
 Overall Length 21 cm (8 1/4")



NS-086-20
 Straight



NS-087-20
 Curved



NS-093-21
De Vilbiss Cranial Rongeur
 Overall Length 20.5 cm (8")

NS-091-20
Dahlgren Cranial Rongeur
 Overall Length 20 cm (8")

NS-091-20
Dahlgren Cranial Rongeur
 Overall Length 20 cm (8")



Clips and Applying Forceps
 Clips und Anlegezangen
 Grapas y pinzas aplicadoras
 Clips et pinces pour appliquer
 Agrafes e pinze per applicare



NS-095-22
Cone Cranial Punch
 Overall Length 22.5 cm (8 ¾")



NS-097-21
Dura Strip Dissection Forcep
 Angled
 Overall Length 21.5 cm (8 ½")



NS-100-00
Raney Scalp Clip
 Pack of 10

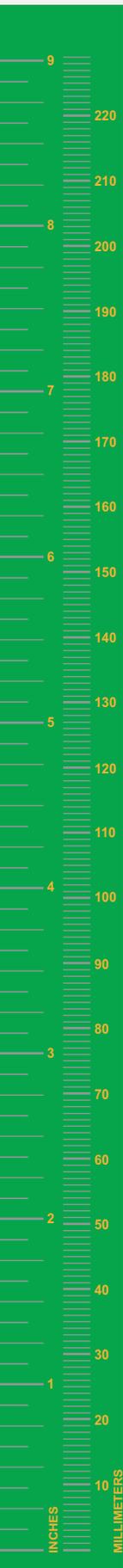


NS-102-00
Raney Applying-Removal Forcep
 Overall Length 15.5 cm (6")



NS-112-19
McKenzie Clip Applying Forcep
 Overall Length 18.5 cm (7 ¼")

Clips and Applying Forceps
 Clips und Anlegezangen
 Grapas y pinzas aplicadoras
 Clips et pinces pour appliquer
 Agrafes e pinze per applicare



NS-115-14
Olivecrona-Toennis Clip Applying Forcep
 Shaft Length 140 mm



NS-118-00
Silver Brain Clip
 Pack of 100



NS-120-01
 Ø 7.0 mm
 31 cm (12 1/8")

NS-120-02
 Ø 9.0 mm
 41 cm (16")

Yasargil Galea Hook
 Spring

Dissectors
Dissektoren
Disecadores
Dissecteurs
Dissettori



NS-151-21
Davis Dura Dissector
5.5 mm
Overall Length 21.5 cm (8 ½")



NS-153-24
Davis Dura Dissector
6.0 mm / 6.0 mm
Double Ended
Overall Length
24.5 cm (9 ¾")



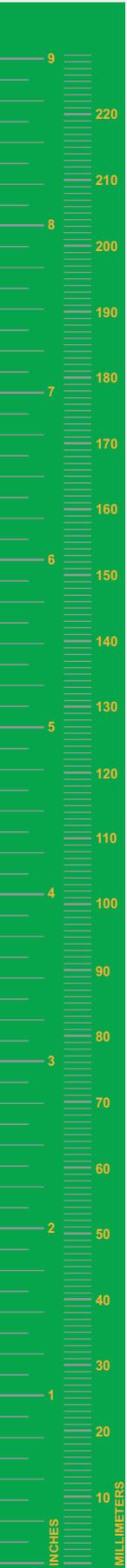
NS-155-01
Frazier Dura Dissector
5 x 19 mm
Overall Length 15 cm (6")



NS-155-02
Angled 45°
Fig. 2

NS-155-03
Angled 90°
Fig. 3

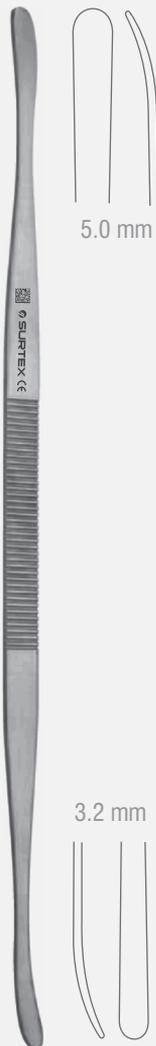
Hoen Dura Dissector
3.5 x 15 mm
Overall Length 15 cm (6")



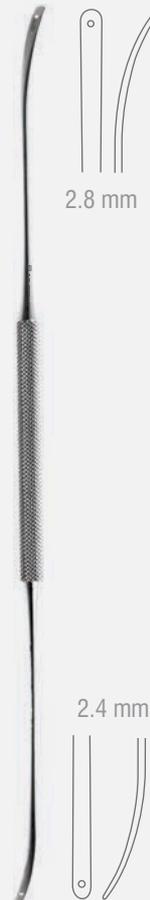
Dissectors
Dissektoren
Disecadores
Dissecteurs
Dissettori



NS-157-16
Love-Adson Dura Dissector
5.5 mm
Overall Length 16 cm (6 1/2")



NS-159-26
Toennis Dura Dissector
Overall Length 26 cm (10 1/4")



NS-161-01
Olivecrona Dura Dissector
Overall Length 24 cm (9 1/2")



NS-161-02
Olivecrona Dura Dissector
Overall Length 18 cm (7")

Dissectors
Dissektoren
Disecadores
Dissecteurs
Dissettori

NS

NEUROSURGERY INSTRUMENTS



NS-161-03
Olivecrona Dura Dissector
Overall Length 24 cm (9 1/2")



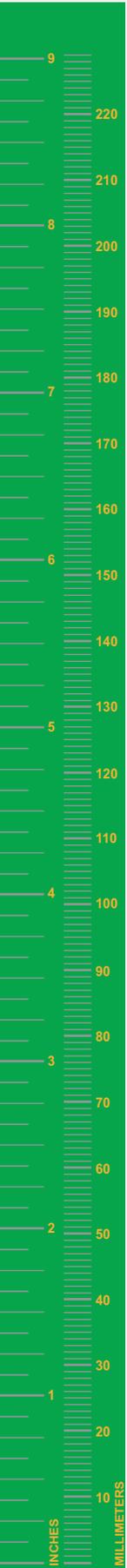
NS-161-04
Olivecrona Dura Dissector
Overall Length 20.5 cm (8")



NS-163-21
Sachs Dura Dissector
3.5 mm, Sharp
Overall Length 20.5 cm (8")



NS-165-21
Milligan Dura Dissector
Overall Length 21.5 cm (8 1/2")



Dissectors
Dissektoren
Disecadores
Dissecteurs
Dissettori



NS-167-22
Dura Dissector
Overall Length 22 cm (8 3/4")



NS-171-01
Penfield Dura Dissector
Fig. 1
Overall Length 17.5 cm (7")



NS-171-02
Penfield Dura Dissector
Fig. 2
Overall Length 19.5 cm (7 3/4")



NS-171-03
Penfield Dura Dissector
Fig. 3
Overall Length 19.5 cm (7 3/4")

Dissectors
 Dissektoren
 Disecadores
 Dissecteurs
 Dissettori



NS-171-04
Penfield Dura Dissector
 3.2 mm
 Fig. 4
 Overall Length 20.5 cm (8")



NS-171-05
Penfield Dura Dissector
 6.4 mm / 7.3 mm
 Fig. 5
 Overall Length 18 cm (7")



NS-181-20
Horsley Dura Elevator
 5.0 mm x 47 mm
 Overall Length 20 cm (8")



NS-183-21
Sachs Dura Elevator
 6.0 mm
 Overall Length 21 cm (8 1/4")

Nerve Root Retractors
 Nervwurzelhaken
 Separadores para la raíz de nervio
 Retracteurs pour racines nerveuses
 Uncini per le radici die nervi



NS-190-21
Love Nerve Root Retractor
 7.0 mm
 Straight
 Overall Length 21.5 cm (8 1/2")



NS-191-18
Love Nerve Root Retractor
 7.0 mm
 Angled 45°
 Overall Length 17.5 cm (7")



NS-193-11
Love Nerve Root Retractor
 7.0 mm
 Angled 90°
 Overall Length 11 cm (4 1/4")

Nerve Root Retractors
 Nervwurzelhaken
 Separadores para la raíz de nervio
 Retracteurs pour racines nerveuses
 Uncini per le radici die nervi



NS-195-21
Love Nerve Root Retractor
 4.0 mm
 Overall Length 22 cm (8 3/4")



Caspar Nerve Root Retractor
 Overall Length 24 cm (9 1/2")

- NS-196-04**
4.0 mm
- NS-196-06**
6.0 mm
- NS-196-08**
8.0 mm
- NS-196-10**
10.0 mm



Hess Nerve Root Retractor
 Overall Length 17.5 cm (7")

- NS-197-03**
3.0 mm
- NS-197-05**
5.0 mm
- NS-197-07**
7.0 mm

Nerve Root Retractors
 Nervwurzelhaken
 Separadores para la raíz de nervio
 Retracteurs pour racines nerveuses
 Uncini per le radici die nervi



NS-200-23
Scoville Nerve Root Retractor
 8.0 mm
 Overall Length 23.5 cm (9 1/4")



NS-201-24
Holsher Nerve Root Retractor
 8.0 mm
 Overall Length 23.5 cm (9 1/4")



NS-203-19
Scoville Nerve Root Retractor
 8.0 mm
 Overall Length 16.5 cm (6 1/2")

Nerve Root Retractors, Brain Spatulas
 Nervwurzelhaken, Hirnspatel
 Separadores para la raíz de nervio, Espátulas cerebrales
 Retracteurs pour racines nerveuses, Spatules cérébrales
 Uncini per le radici die nervi, Spatole cerebrali

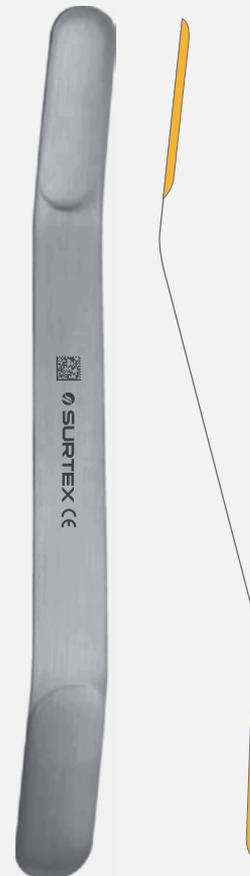


NS-205-21
Campbell Nerve Root Retractor
 10.0 mm
 Malleable
 Overall Length 21.5 cm (8 1/2")



- NS-210-07**
7 + 9 mm
- NS-210-11**
11 + 13 mm
- NS-210-15**
15 + 18 mm
- NS-210-18**
18 + 22 mm

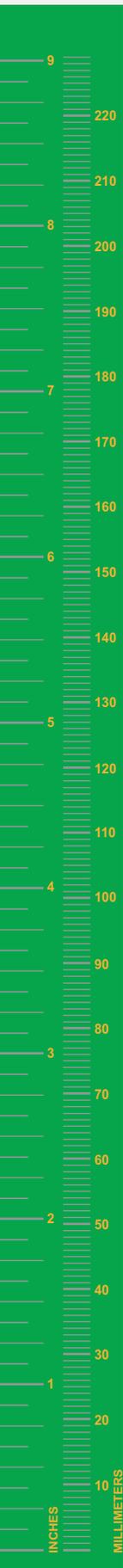
Cushing Brain Spatulas
 Overall Length 18 cm (7")



- NS-213-07**
7 + 9 mm
- NS-213-11**
11 + 13 mm
- NS-213-15**
15 + 18 mm
- NS-213-18**
18 + 22 mm

Olivecrona Brain Spatulas
 Convex
 Overall Length 18 cm (7")

Brain Spatulas
Hirnspatel
Espátulas cerebrales
Spatules cérébrales
Spatole cerebrali



- NS-215-07**
7 + 9 mm
- NS-215-11**
11 + 13 mm
- NS-215-15**
15 + 18 mm
- NS-215-18**
18 + 22 mm

Olivecrona Brain Spatulas
Convex
Overall Length 18 cm (7")



- NS-218-07**
7 + 8 mm
- NS-218-10**
10 + 11 mm
- NS-218-13**
13 + 14 mm
- NS-218-15**
15 + 17 mm
- NS-218-19**
19 + 20 mm
- NS-218-22**
22 + 25 mm

Heifetz Brain Spatulas
Overall Length 20 cm (8")



- NS-221-08**
8.0 mm
- NS-221-11**
11.0 mm
- NS-221-14**
14.0 mm
- NS-221-17**
17.0 mm
- NS-221-20**
20.0 mm

Heifetz Brain Spatulas
Round Handle
Overall Length 20 cm (8")



- NS-224-12**
12.0 mm
- NS-224-17**
17.0 mm

Brain Spatulas
Malleable
Overall Length 20 cm (8")



- NS-226-13**
6/13 mm
- NS-226-17**
9/17 mm

Brain Spatulas Conical
Malleable
Overall Length 20 cm (8")

Nerve Hooks
Nervhaken
Ganchos para nervios
Crochets à nerfs
Uncini per nervi



NS-231-17
17 cm (6 3/4")

NS-233-21
21 cm (8 1/4")

Smithwick Nerve Hook



NS-234-20
4.0 mm
Sharp

NS-235-20
4.0 mm
Blunt

Adson Dura Hook
Overall Length 20 cm (8")



NS-236-01
3.0 mm
Sharp

NS-236-02
3.0 mm
Blunt

Cairns Dura Hook
Overall Length 12.5 cm (5")



NS-237-16
Graham Dura Hook
Blunt
Overall Length 16.5 cm (6 1/2")



NS-239-18
Sachs Dura Hook
Sharp
Overall Length 18 cm (7")

Nerve Hooks
 Nervhaken
 Ganchos para nervios
 Crochets à nerfs
 Uncini per nervi



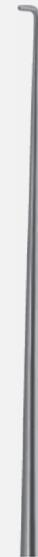
NS-241-18
Frazier Dura Hook
 Sharp
 Overall Length 18 cm (7")



NS-245-22
Hoerl Nerve Retractor
 6.0 mm
 Overall Length 22 cm (8 3/4")



NS-251-01
 5.0 mm
 Straight



NS-251-02
 5.0 mm
 Right



NS-251-03
 5.0 mm
 Left

Dandy Nerve Retractor
 Overall Length 20 cm (8")

Dura Knives
 Duramesser
 Bisturis para duramadre
 Bistouries pour duremère
 Bisturi per duramadre

NS

NEUROSURGERY INSTRUMENTS



NS-253-29
Smithwick Nerve Retractor
 1.0 mm x 10.0 mm / 5.0 mm
 Semi Sharp
 Overall Length 29 cm (11 1/2")



NS-261-15
Toennis Nerve Retractor
 Overall Length 15 cm (6")



NS-280-18
Toennis Brain Knife
 Overall Length 18 cm (7")



NS-282-20
Halle Brain Knife
 Overall Length 20 cm (8")

Laminectomy Punches
Laminektomiestanzen
Pinzas cortantes para laminectomia
Pinces emporte-pièces à laminectomie
Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
Shaft Length 15 cm (6")

Up Cutting		Down Cutting		40° Forward Up Cutting (40°/ 130°)		40° Forward Down Cutting	
NS-300-01 1.0 mm Regular	NS-300-01 T 1.0 mm Thin Footplate	NS-301-01 1.0 mm Regular	NS-301-01 T 1.0 mm Thin Footplate	NS-302-01 1.0 mm Regular	NS-302-01 T 1.0 mm Thin Footplate	NS-303-01 1.0 mm Regular	NS-303-01 T 1.0 mm Thin Footplate
NS-300-02 2.0 mm Regular	NS-300-02 T 2.0 mm Thin Footplate	NS-301-02 2.0 mm Regular	NS-301-02 T 2.0 mm Thin Footplate	NS-302-02 2.0 mm Regular	NS-302-02 T 2.0 mm Thin Footplate	NS-303-02 2.0 mm Regular	NS-303-02 T 2.0 mm Thin Footplate
NS-300-03 3.0 mm Regular	NS-300-03 T 3.0 mm Thin Footplate	NS-301-03 3.0 mm Regular	NS-301-03 T 3.0 mm Thin Footplate	NS-302-03 3.0 mm Regular	NS-302-03 T 3.0 mm Thin Footplate	NS-303-03 3.0 mm Regular	NS-303-03 T 3.0 mm Thin Footplate
NS-300-04 4.0 mm Regular	NS-300-04 T 4.0 mm Thin Footplate	NS-301-04 4.0 mm Regular	NS-301-04 T 4.0 mm Thin Footplate	NS-302-04 4.0 mm Regular	NS-302-04 T 4.0 mm Thin Footplate	NS-303-04 4.0 mm Regular	NS-303-04 T 4.0 mm Thin Footplate
NS-300-05 5.0 mm Regular	NS-300-05 T 5.0 mm Thin Footplate	NS-301-05 5.0 mm Regular	NS-301-05 T 5.0 mm Thin Footplate	NS-302-05 5.0 mm Regular	NS-302-05 T 5.0 mm Thin Footplate	NS-303-05 5.0 mm Regular	NS-303-05 T 5.0 mm Thin Footplate

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomía
 Pinces emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 Shaft Length 18 cm (7")

Up Cutting		Down Cutting		40° Forward Up Cutting (40°/ 130°)		40° Forward Down Cutting	
NS-304-01 1.0 mm Regular	NS-304-01 T 1.0 mm Thin Footplate	NS-305-01 1.0 mm Regular	NS-305-01 T 1.0 mm Thin Footplate	NS-306-01 1.0 mm Regular	NS-306-01 T 1.0 mm Thin Footplate	NS-307-01 1.0 mm Regular	NS-307-01 T 1.0 mm Thin Footplate
NS-304-02 2.0 mm Regular	NS-304-02 T 2.0 mm Thin Footplate	NS-305-02 2.0 mm Regular	NS-305-02 T 2.0 mm Thin Footplate	NS-306-02 2.0 mm Regular	NS-306-02 T 2.0 mm Thin Footplate	NS-307-02 2.0 mm Regular	NS-307-02 T 2.0 mm Thin Footplate
NS-304-03 3.0 mm Regular	NS-304-03 T 3.0 mm Thin Footplate	NS-305-03 3.0 mm Regular	NS-305-03 T 3.0 mm Thin Footplate	NS-306-03 3.0 mm Regular	NS-306-03 T 3.0 mm Thin Footplate	NS-307-03 3.0 mm Regular	NS-307-03 T 3.0 mm Thin Footplate
NS-304-04 4.0 mm Regular	NS-304-04 T 4.0 mm Thin Footplate	NS-305-04 4.0 mm Regular	NS-305-04 T 4.0 mm Thin Footplate	NS-306-04 4.0 mm Regular	NS-306-04 T 4.0 mm Thin Footplate	NS-307-04 4.0 mm Regular	NS-307-04 T 4.0 mm Thin Footplate
NS-304-05 5.0 mm Regular	NS-304-05 T 5.0 mm Thin Footplate	NS-305-05 5.0 mm Regular	NS-305-05 T 5.0 mm Thin Footplate	NS-306-05 5.0 mm Regular	NS-306-05 T 5.0 mm Thin Footplate	NS-307-05 5.0 mm Regular	NS-307-05 T 5.0 mm Thin Footplate

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pinces emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 Shaft Length 20 cm (8")

 Up Cutting		 Down Cutting		 40° Forward Up Cutting (40°/ 130°)		 40° Forward Down Cutting	
NS-308-01 1.0 mm Regular	NS-308-01 T 1.0 mm Thin Footplate	NS-309-01 1.0 mm Regular	NS-309-01 T 1.0 mm Thin Footplate	NS-310-01 1.0 mm Regular	NS-310-01 T 1.0 mm Thin Footplate	NS-311-01 1.0 mm Regular	NS-311-01 T 1.0 mm Thin Footplate
NS-308-02 2.0 mm Regular	NS-308-02 T 2.0 mm Thin Footplate	NS-309-02 2.0 mm Regular	NS-309-02 T 2.0 mm Thin Footplate	NS-310-02 2.0 mm Regular	NS-310-02 T 2.0 mm Thin Footplate	NS-311-02 2.0 mm Regular	NS-311-02 T 2.0 mm Thin Footplate
NS-308-03 3.0 mm Regular	NS-308-03 T 3.0 mm Thin Footplate	NS-309-03 3.0 mm Regular	NS-309-03 T 3.0 mm Thin Footplate	NS-310-03 3.0 mm Regular	NS-310-03 T 3.0 mm Thin Footplate	NS-311-03 3.0 mm Regular	NS-311-03 T 3.0 mm Thin Footplate
NS-308-04 4.0 mm Regular	NS-308-04 T 4.0 mm Thin Footplate	NS-309-04 4.0 mm Regular	NS-309-04 T 4.0 mm Thin Footplate	NS-310-04 4.0 mm Regular	NS-310-04 T 4.0 mm Thin Footplate	NS-311-04 4.0 mm Regular	NS-311-04 T 4.0 mm Thin Footplate
NS-308-05 5.0 mm Regular	NS-308-05 T 5.0 mm Thin Footplate	NS-309-05 5.0 mm Regular	NS-309-05 T 5.0 mm Thin Footplate	NS-310-05 5.0 mm Regular	NS-310-05 T 5.0 mm Thin Footplate	NS-311-05 5.0 mm Regular	NS-311-05 T 5.0 mm Thin Footplate

Laminectomy Punches
Laminektomiestanzen
Pinzas cortantes para laminectomía
Pinces emporte-pièces à laminectomie
Pinze taglienti per laminectomia

NS

NEUROSURGERY INSTRUMENTS



Ferris-Smith Kerrison Punch

Detachable Model
Shaft Length 18 cm (7")



Up Cutting



Down Cutting



40° Forward
Up Cutting (40°/ 130°)



40° Forward
Down Cutting

NS-320-01

1.0 mm

NS-320-02

2.0 mm

NS-320-03

3.0 mm

NS-320-04

4.0 mm

NS-320-05

5.0 mm

NS-321-01

1.0 mm

NS-321-02

2.0 mm

NS-321-03

3.0 mm

NS-321-04

4.0 mm

NS-321-05

5.0 mm

NS-322-01

1.0 mm

NS-322-02

2.0 mm

NS-322-03

3.0 mm

NS-322-04

4.0 mm

NS-322-05

5.0 mm

NS-323-01

1.0 mm

NS-323-02

2.0 mm

NS-323-03

3.0 mm

NS-323-04

4.0 mm

NS-323-05

5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pincas emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 Thin Footplate, Detachable Model
 Shaft Length 18 cm (7")



Up Cutting



Down Cutting



40° Forward
 Up Cutting (40°/ 130°)



40° Forward
 Down Cutting

NS-320-01 T
 1.0 mm

NS-320-02 T
 2.0 mm

NS-320-03 T
 3.0 mm

NS-320-04 T
 4.0 mm

NS-320-05 T
 5.0 mm

NS-321-01 T
 1.0 mm

NS-321-02 T
 2.0 mm

NS-321-03 T
 3.0 mm

NS-321-04 T
 4.0 mm

NS-321-05 T
 5.0 mm

NS-322-01 T
 1.0 mm

NS-322-02 T
 2.0 mm

NS-322-03 T
 3.0 mm

NS-322-04 T
 4.0 mm

NS-322-05 T
 5.0 mm

NS-323-01 T
 1.0 mm

NS-323-02 T
 2.0 mm

NS-323-03 T
 3.0 mm

NS-323-04 T
 4.0 mm

NS-323-05 T
 5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pinces emporte-pièces à laminectomie
 Pinze taglienti per laminectomia

NS

NEUROSURGERY INSTRUMENTS



Ferris-Smith Kerrison Punch
 With Ejector, Detachable Model
 Shaft Length 18 cm (7")



Up Cutting

NS-320-03 E
 3.0 mm

NS-320-04 E
 4.0 mm

NS-320-05 E
 5.0 mm



Down Cutting

NS-321-03 E
 3.0 mm

NS-321-04 E
 4.0 mm

NS-321-05 E
 5.0 mm



40° Forward
 Up Cutting (40°/ 130°)

NS-322-03 E
 3.0 mm

NS-322-04 E
 4.0 mm

NS-322-05 E
 5.0 mm



40° Forward
 Down Cutting

NS-323-03 E
 3.0 mm

NS-323-04 E
 4.0 mm

NS-323-05 E
 5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pincas emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 Thin Footplate With Ejector, Detachable Model
 Shaft Length 18 cm (7")



Up Cutting

NS-320-03 TE
 3.0 mm

NS-320-04 TE
 4.0 mm

NS-320-05 TE
 5.0 mm



Down Cutting

NS-321-03 TE
 3.0 mm

NS-321-04 TE
 4.0 mm

NS-321-05 TE
 5.0 mm



40° Forward
 Up Cutting (40°/ 130°)

NS-322-03 TE
 3.0 mm

NS-322-04 TE
 4.0 mm

NS-322-05 TE
 5.0 mm



40° Forward
 Down Cutting

NS-323-03 TE
 3.0 mm

NS-323-04 TE
 4.0 mm

NS-323-05 TE
 5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pinces emporte-pièces à laminectomie
 Pinze taglienti per laminectomia

NS

NEUROSURGERY INSTRUMENTS



Ferris-Smith Kerrison Punch

Detachable Model
 Shaft Length 20 cm (8")



Up Cutting



Down Cutting



40° Forward
 Up Cutting (40°/ 130°)



40° Forward
 Down Cutting

NS-324-01
 1.0 mm

NS-324-02
 2.0 mm

NS-324-03
 3.0 mm

NS-324-04
 4.0 mm

NS-324-05
 5.0 mm

NS-325-01
 1.0 mm

NS-325-02
 2.0 mm

NS-325-03
 3.0 mm

NS-325-04
 4.0 mm

NS-325-05
 5.0 mm

NS-326-01
 1.0 mm

NS-326-02
 2.0 mm

NS-326-03
 3.0 mm

NS-326-04
 4.0 mm

NS-326-05
 5.0 mm

NS-327-01
 1.0 mm

NS-327-02
 2.0 mm

NS-327-03
 3.0 mm

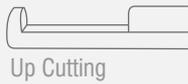
NS-327-04
 4.0 mm

NS-327-05
 5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pincas emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 With Ejector, Detachable Model
 Shaft Length 20 cm (8")



Up Cutting

NS-324-03 E

3.0 mm

NS-324-04 E

4.0 mm

NS-324-05 E

5.0 mm



Down Cutting

NS-325-03 E

3.0 mm

NS-325-04 E

4.0 mm

NS-325-05 E

5.0 mm



40° Forward
 Up Cutting (40°/ 130°)

NS-326-03 E

3.0 mm

NS-326-04 E

4.0 mm

NS-326-05 E

5.0 mm



40° Forward
 Down Cutting

NS-327-03 E

3.0 mm

NS-327-04 E

4.0 mm

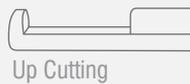
NS-327-05 E

5.0 mm

Laminectomy Punches
Laminektomiestanzen
Pinzas cortantes para laminectomia
Pinces emporte-pièces à laminectomie
Pinze taglienti per laminectomia



Ferris-Smith Kerrison Punch
Thin Footplate, Detachable Model
Shaft Length 20 cm (8")



NS-324-01 T
1.0 mm

NS-324-02 T
2.0 mm

NS-324-03 T
3.0 mm

NS-324-04 T
4.0 mm

NS-324-05 T
5.0 mm



NS-325-01 T
1.0 mm

NS-325-02 T
2.0 mm

NS-325-03 T
3.0 mm

NS-325-04 T
4.0 mm

NS-325-05 T
5.0 mm



NS-326-01 T
1.0 mm

NS-326-02 T
2.0 mm

NS-326-03 T
3.0 mm

NS-326-04 T
4.0 mm

NS-326-05 T
5.0 mm



NS-327-01 T
1.0 mm

NS-327-02 T
2.0 mm

NS-327-03 T
3.0 mm

NS-327-04 T
4.0 mm

NS-327-05 T
5.0 mm

Laminectomy Punches
 Laminektomiestanzen
 Pinzas cortantes para laminectomia
 Pincas emporte-pièces à laminectomie
 Pinze taglianti per laminectomia



Ferris-Smith Kerrison Punch
 Thin Footplate With Ejector, Detachable Model
 Shaft Length 20 cm (8")



Up Cutting

NS-324-03 TE
 3.0 mm

NS-324-04 TE
 4.0 mm

NS-324-05 TE
 5.0 mm



Down Cutting

NS-325-03 TE
 3.0 mm

NS-325-04 TE
 4.0 mm

NS-325-05 TE
 5.0 mm



40° Forward
 Up Cutting (40°/ 130°)

NS-326-03 TE
 3.0 mm

NS-326-04 TE
 4.0 mm

NS-326-05 TE
 5.0 mm



40° Forward
 Down Cutting

NS-327-03 TE
 3.0 mm

NS-327-04 TE
 4.0 mm

NS-327-05 TE
 5.0 mm



Rongeurs
 Rongeur
 Pinzas cortantes
 Rongeurs
 Pinze per afferrare



Cushing Laminectomy Rongeur



NS-400-01
 Straight
 2 x 10 mm

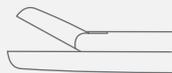


NS-400-02
 Up
 2 x 10 mm



NS-400-03
 Down
 2 x 10 mm

Shaft Length 13 cm (5")



NS-401-01
 Straight
 2 x 10 mm

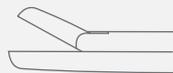


NS-401-02
 Up
 2 x 10 mm



NS-401-03
 Down
 2 x 10 mm

Shaft Length 15 cm (6")



NS-402-01
 Straight
 2 x 10 mm

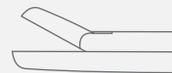


NS-402-02
 Up
 2 x 10 mm



NS-402-03
 Down
 2 x 10 mm

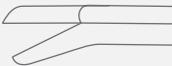
Shaft Length 18 cm (7")



NS-403-01
 Straight
 2 x 10 mm



NS-403-02
 Up
 2 x 10 mm



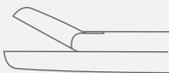
NS-403-03
 Down
 2 x 10 mm

Shaft Length 20 cm (8")

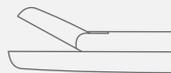
Rongeurs
 Rongeur
 Pinzas cortantes
 Rongeurs
 Pinze per afferrare



Love-Gruenwald Laminectomy Rongeur



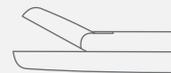
NS-404-01
 Straight
 3 x 10 mm



NS-405-01
 Straight
 3 x 10 mm



NS-406-01
 Straight
 3 x 10 mm



NS-407-01
 Straight
 3 x 10 mm



NS-404-02
 Up
 3 x 10 mm



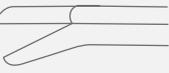
NS-405-02
 Up
 3 x 10 mm



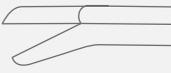
NS-406-02
 Up
 3 x 10 mm



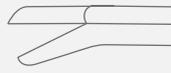
NS-407-02
 Up
 3 x 10 mm



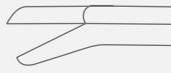
NS-404-03
 Down
 3 x 10 mm



NS-405-03
 Down
 3 x 10 mm



NS-406-03
 Down
 3 x 10 mm



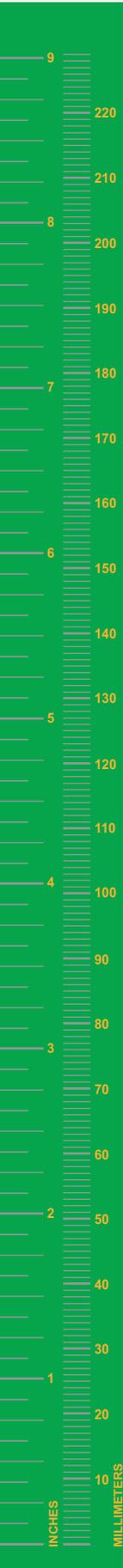
NS-407-03
 Down
 3 x 10 mm

Shaft Length 13 cm (5")

Shaft Length 15 cm (6")

Shaft Length 18 cm (7")

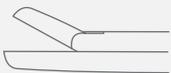
Shaft Length 20 cm (8")



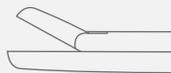
Rongeurs
 Rongeur
 Pinzas cortantes
 Rongeurs
 Pinze per afferrare



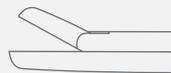
Spurling Laminectomy Rongeur



NS-408-01
 Straight
 4 x 10 mm



NS-409-01
 Straight
 4 x 10 mm



NS-410-01
 Straight
 4 x 10 mm



NS-411-01
 Straight
 4 x 10 mm



NS-408-02
 Up
 4 x 10 mm



NS-409-02
 Up
 4 x 10 mm



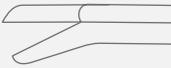
NS-410-02
 Up
 4 x 10 mm



NS-411-02
 Up
 4 x 10 mm



NS-408-03
 Down
 4 x 10 mm



NS-409-03
 Down
 4 x 10 mm



NS-410-03
 Down
 4 x 10 mm



NS-411-03
 Down
 4 x 10 mm

Shaft Length 13 cm (5")

Shaft Length 15 cm (6")

Shaft Length 18 cm (7")

Shaft Length 20 cm (8")

Rongeurs
 Rongeur
 Pinzas cortantes
 Rongeurs
 Pinze per afferrare



Caspar Laminectomy Rongeur
 Fenestrated and Serrated Jaws
 Shaft Length 18 cm (7")



NS-440-01
 Straight
 2 x 12 mm



NS-441-01
 Straight
 3 x 12 mm



NS-442-01
 Straight
 4 x 14 mm



NS-443-01
 Straight
 5 x 14 mm



NS-444-01
 Straight
 6 x 14 mm



NS-440-02
 Up
 2 x 12 mm



NS-441-02
 Up
 3 x 12 mm



NS-442-02
 Up
 4 x 14 mm



NS-443-02
 Up
 5 x 14 mm



NS-444-02
 Up
 6 x 14 mm



NS-440-03
 Down
 2 x 12 mm



NS-441-03
 Down
 3 x 12 mm



NS-442-03
 Down
 4 x 14 mm



NS-443-03
 Down
 5 x 14 mm



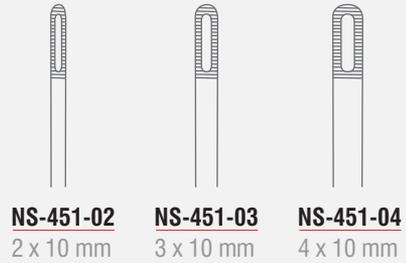
NS-444-03
 Down
 6 x 14 mm

Laminektomieezangen
Laminectomy Rongeurs
Pinzas para laminectomía
Pinces pour laminectomie
Pinze per laminectomia



Schlesinger Laminectomy Rongeur

Serrated Jaws
Shaft Length 13 cm (5")



NS-451-02
2 x 10 mm

NS-451-03
3 x 10 mm

NS-451-04
4 x 10 mm



NS-461-22
Ø 2.2 mm

NS-461-35
Ø 3.5 mm

NS-461-50
Ø 5.0 mm

Yasargil Tumor Grasping Forcep

Shaft Length 20 cm (8")



NS-463-60
Oldberg Tumor Grasping Forcep
Ø 6.5 mm
Shaft Length 18 cm (7")

Laminektomieezangen
Laminectomy Rongeurs
Pinzas para laminectomia
Pinces pour laminectomie
Pinze per laminectomia



NS-465-90
Landolt Tumor Grasping Forcep
Ø 9.0 mm
Shaft Length 21 cm (8 ¼")



NS-480-03
3.0 mm

NS-480-04
4.0 mm

Caspar Laminectomy Rongeur
Straight
Shaft Length 17 cm (6 ¾")

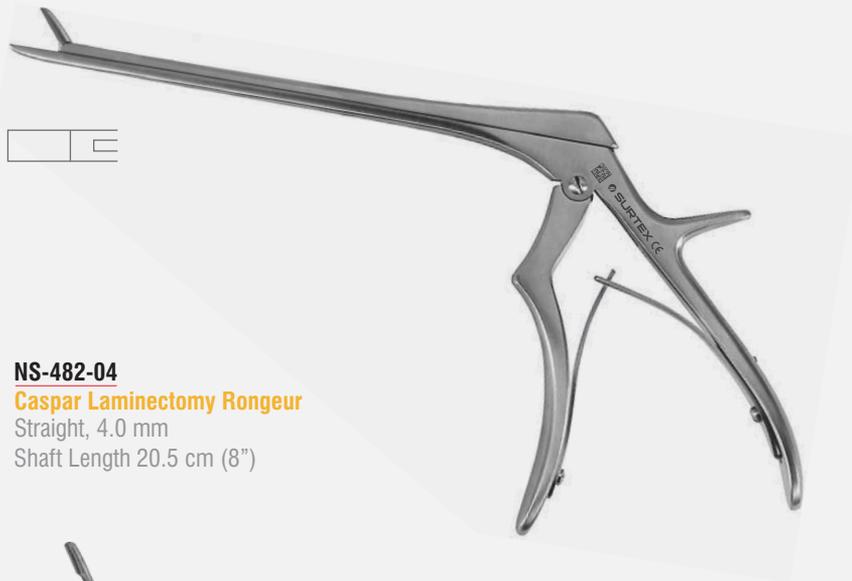


NS-481-01 T
Straight
8.0 mm

NS-481-02 T
Curved Upwards
8.0 mm

Anterior Disc Rongeur
With Teeth
Shaft Length 35 cm (13 ¾")

Laminektomiezanzen
 Laminectomy Rongeurs
 Pinzas para laminectomía
 Pinces pour laminectomie
 Pinze per laminectomia



NS-482-04
Caspar Laminectomy Rongeur
 Straight, 4.0 mm
 Shaft Length 20.5 cm (8")



NS-484-05
Wagner Laminectomy Rongeur
 Straight, 5.5 mm
 Shaft Length 19.5 cm (8")



NS-488-05
Wagner Laminectomy Rongeur
 Straight, 5.5 mm
 Shaft Length 20.5 cm (8")

Rongeurs
Rongeur
Pinzas cortantes
Rongeurs
Pinze per afferrare



NS-492-02
Sypert Laminectomy Rongeur
Curved Upwards, 5.8 mm
Shaft Length 25 cm (10")

Microdissectomy Curettes
Mikrodissektomie-Küretten
Curetas para microdissectomía
Curettes de microdissectomie
Curette per microdissectomia



Cervical Microdissectomy Curette
Overall Length 24 cm (9 ½")

	NS-501-01 Angled Forward Straight Tip, Fig. 1 21.5 cm (8 ½")	NS-501-01 L Angled Forward Straight Tip, Fig. 1 24 cm (9 ½")	NS-501-02 Angled Forward Straight Tip, Fig. 2 21.5 cm (8 ½")	NS-501-02 L Angled Forward Straight Tip, Fig. 2 24 cm (9 ½")
	NS-501-03 Angled Forward Straight Tip, Fig. 3 21.5 cm (8 ½")	NS-501-03 L Angled Forward Straight Tip, Fig. 3 24 cm (9 ½")	NS-501-04 Angled Forward Straight Tip, Fig. 4 21.5 cm (8 ½")	NS-501-04 L Angled Forward Straight Tip, Fig. 4 24 cm (9 ½")
	NS-503-01 Angled Forward Curved Tip, Fig. 1 21.5 cm (8 ½")	NS-503-01 L Angled Forward Curved Tip, Fig. 1 24 cm (9 ½")	NS-503-02 Angled Forward Curved Tip, Fig. 2 21.5 cm (8 ½")	NS-503-02 L Angled Forward Curved Tip, Fig. 2 24 cm (9 ½")
	NS-503-03 Angled Forward Curved Tip, Fig. 3 21.5 cm (8 ½")	NS-503-03 L Angled Forward Curved Tip, Fig. 3 24 cm (9 ½")	NS-503-04 Angled Forward Curved Tip, Fig. 4 21.5 cm (8 ½")	NS-503-04 L Angled Forward Curved Tip, Fig. 4 24 cm (9 ½")
	NS-505-01 Angled Backward Straight Tip, Fig. 1 21.5 cm (8 ½")	NS-505-01 L Angled Backward Straight Tip, Fig. 1 24 cm (9 ½")	NS-505-02 Angled Backward Straight Tip, Fig. 2 21.5 cm (8 ½")	NS-505-02 L Angled Backward Straight Tip, Fig. 2 24 cm (9 ½")
	NS-505-03 Angled Backward Straight Tip, Fig. 3 21.5 cm (8 ½")	NS-505-03 L Angled Backward Straight Tip, Fig. 3 24 cm (9 ½")	NS-505-04 Angled Backward Straight Tip, Fig. 4 21.5 cm (8 ½")	NS-505-04 L Angled Backward Straight Tip, Fig. 4 24 cm (9 ½")
	NS-507-01 Angled Backward Curved Tip, Fig. 1 21.5 cm (8 ½")	NS-507-01 L Angled Backward Curved Tip, Fig. 1 24 cm (9 ½")	NS-507-02 Angled Backward Curved Tip, Fig. 2 21.5 cm (8 ½")	NS-507-02 L Angled Backward Curved Tip, Fig. 2 24 cm (9 ½")
	NS-507-03 Angled Backward Curved Tip, Fig. 3 21.5 cm (8 ½")	NS-507-03 L Angled Backward Curved Tip, Fig. 3 24 cm (9 ½")	NS-507-04 Angled Backward Curved Tip, Fig. 4 21.5 cm (8 ½")	NS-507-04 L Angled Backward Curved Tip, Fig. 4 24 cm (9 ½")

Microdissectomy Currettes
 Mikrodissektomie-Küretten
 Curetas para microdissectomía
 Currettes de microdissectomie
 Curette per microdissectomia



Lumbar Microdissectomy Curette
 Overall Length 24 cm (9 1/2")

 NS-509-00 Angled Forward Straight Tip, Fig. 0	 NS-515-00 Angled Backward Straight Tip, Fig. 0
 NS-509-01 Angled Forward Straight Tip, Fig. 1	 NS-515-01 Angled Backward Straight Tip, Fig. 1
 NS-509-02 Angled Forward Straight Tip, Fig. 2	 NS-515-02 Angled Backward Straight Tip, Fig. 2
 NS-511-00 Angled Forward Curved Tip, Fig. 0	 NS-517-00 Angled Backward Curved Tip, Fig. 0
 NS-511-01 Angled Forward Curved Tip, Fig. 1	 NS-517-01 Angled Backward Curved Tip, Fig. 1
 NS-511-02 Angled Forward Curved Tip, Fig. 2	 NS-517-02 Angled Backward Curved Tip, Fig. 2
 NS-513-00 Angled Forward Reverse Curved Tip, Fig. 0	 NS-519-00 Angled Backward Reverse Curved Tip, Fig. 0
 NS-513-01 Angled Forward Reverse Curved Tip, Fig. 1	 NS-519-01 Angled Backward Reverse Curved Tip, Fig. 1
 NS-513-02 Angled Forward Reverse Curved Tip, Fig. 2	 NS-519-02 Angled Backward Reverse Curved Tip, Fig. 2

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



NS-550-18
Jacobson Micro Knife
 Straight
 Overall Length 18.5 cm (7 1/4")

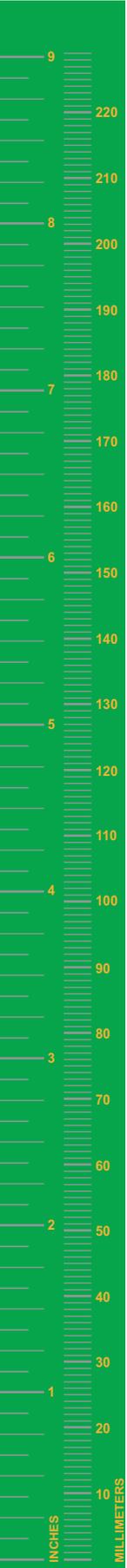


Koos Micro Knife
 Bayonet Shaped
 Overall Length 18.5 cm (7 1/4")



Yasargil Micro Knife
 Bayonet Shaped
 Overall Length 18.5 cm (7 1/4")





Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Yasargil Micro Raspatory
 Overall Length 18.5 cm (7 1/4")



NS-564-01
 1.4 mm



NS-564-02
 2.6 mm



NS-564-03
 4.0 mm



NS-564-04
 3.0 mm



NS-564-05
 2.6 mm



Yasargil Micro Raspatory
 Bayonet Shaped
 Overall Length 18.5 cm (7 1/4")



NS-565-01
 Curved Downwards(Right)
 3.0 mm



NS-565-02
 Curved Downwards(Right)
 3.0 mm



NS-565-03
 Curved Upwards(Left)
 3.0 mm

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



NS-567-18
Yasargil Micro Curette
 Bayonet Shaped, 1.7 mm
 Overall Length 18.5 cm (7 ¼")



NS-571-01
 3.0 mm
NS-571-02
 5.0 mm

Micro Nerve & Vessel Hook
 Overall Length 18.5 cm (7 ¼")



NS-573-01
 Fig. 1
 0.6 mm / 3.2 mm
 Short Ball Tip

NS-573-02
 Fig. 2
 0.8 mm / 3.2 mm
 Long Ball Tip

NS-573-03
 Fig. 3
 Ø 0.6 mm / 3.3 mm
 Short Ball Tip

NS-573-04
 Fig. 4
 Ø 1.1 mm / 4.5 mm
 Long Ball Tip

Krayenbuhl Micro Nerve & Vessel Hook
 Overall Length 18.5 cm (7 ¼")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-575-01

Fig. 1
 Ø 1.5 mm



NS-575-02

Fig. 2
 Ø 1.5 mm



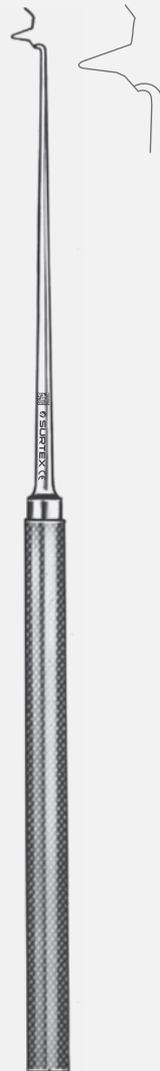
NS-575-03

Fig. 3
 Ø 1.5 mm



NS-575-04

Fig. 4
 Ø 1.5 mm



NS-576-16

Biemer Vessel Spreader
 Overall Length 16 cm (6 1/4")

Yasargil Ligature Guide

Overall Length 18.5 cm (7 1/4")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



NS-577-01
 Fig. 1
 Ø 0.5 mm



NS-577-02
 Fig. 2
 Ø 1.0 mm



NS-577-03
 Fig. 3
 Ø 1.5 mm



NS-579-01
 1 Prong
 Ø 0.8 mm



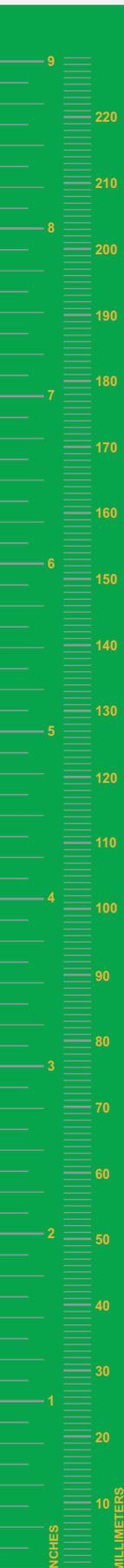
NS-579-02
 2 Prongs
 Ø 0.8 mm



Micro Vessel Dilator
 Overall Length 12.5 cm (5")

Jacobson Micro Vessel Probe
 Overall Length 18.5 cm (7 1/4")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-579-03
Jacobson Micro Suture Probe
 Slightly Curved, 2.0 mm
 Overall Length 18.5 cm (7 1/4")



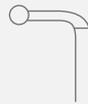
Caspar Exploration Hook
 Overall Length 24.5 cm, (9 1/2")



NS-581-01
 Fig. 1
 Ø 1.8 mm / 5.0 mm



NS-581-02
 Fig. 2
 Ø 2.0 mm / 7.0 mm



NS-581-03
 Fig. 3
 Ø 2.5 mm / 9.0 mm



NS-581-04
 Fig. 4
 Ø 1.8 mm / 11.0 mm

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



NS-590-00
Rhoton Micro Dissector
 Set of 15
 Ref: NS-591-01 up to
 NS-591-15



Rhoton Micro Dissector
 Overall Length 18.5 cm (7 1/4")



NS-591-01
 Ø 1.0 mm



NS-591-02
 Ø 2.0 mm



NS-591-03
 Ø 3.0 mm

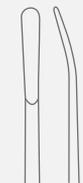
Round Shaped



NS-591-04
 1.0 mm



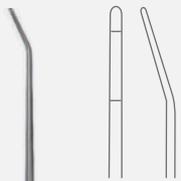
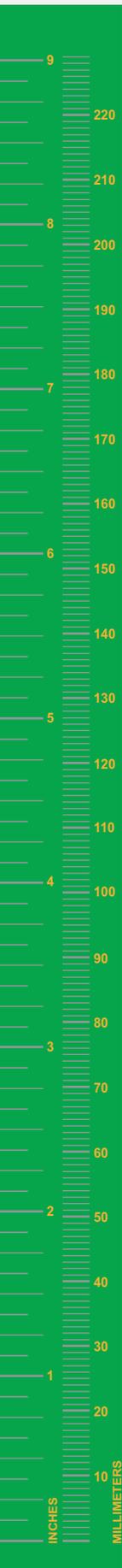
NS-591-05
 1.5 mm



NS-591-06
 2.0 mm

Spatula Shaped

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-591-07
 1.2 mm



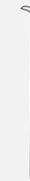
NS-591-08
 2.8 mm



NS-591-09
Rhoton Micro Needle
 Semi, Sharp
 Overall Length 18.5 cm (7 1/4")



NS-591-10
 2.0 mm
 Blunt
 Angled 90°



NS-591-11
 2.0 mm
 Semi Sharp
 Angled 90°



NS-591-12
 3.0 mm
 Semi Sharp
 Angled 45°

Rhoton Micro Elevator
 Overall Length 18.5 cm (7 1/4")

Rhoton Micro Hook
 Overall Length 18.5 cm (7 1/4")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-591-13
Rhoton Micro Probe
 Angled 90°
 Overall Length 18.5 cm (7 1/4")



NS-591-14
 1.0 x 2.0 mm

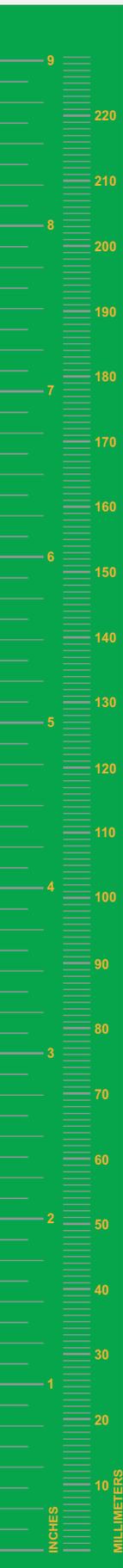
NS-591-15
 Angled 45°
 1.0 x 2.0 mm

Rhoton Micro Curette
 Overall Length 18.5 cm (7 1/4")



NS-601-02
Yasargil Tumor Fork
 Sharp, Curved
 Working End, 3 mm
 Overall Length 23 cm (9")

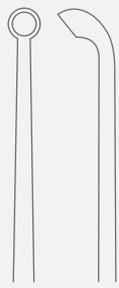
Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



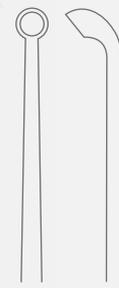
NS-618-24
Yasargil Micro Needle
 Bayonet Shaped, Semi Sharp
 Overall Length 24 cm (9 1/2")



NS-631-01
 Straight
 1.7 mm



NS-633-01
 Angled
 1.7 mm



NS-635-01
Yasargil Micro Curette
 Curved Downwards (Right)
 1.7 mm, Bayonet Shaped
 Overall Length 24 cm (9 1/2")



Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Hardy Micro Sickle Dissector
 Bayonet Shaped
 Overall Length 24 cm (9 1/2")



NS-651-01
 Curved Downwards(Right)
 Blunt Tip



NS-651-02
 Curved Upwards(Left)
 Blunt Tip



NS-651-03
 Downwards(Right)
 Sharp Tip



NS-651-04
 Upwards(Left)
 Sharp Tip



NS-651-11
 Curved Downwards(Right)
 Blunt Tip



NS-651-12
 Curved Upwards(Left)
 Blunt Tip



NS-651-13
 Downwards(Right)
 Sharp Tip



NS-651-14
 Upwards(Left)
 Sharp Tip



NS-655-24
Hardy Implant Fork
 Bayonet Shaped
 Overall Length 24 cm (9 1/2")



Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Hardy-Fahlbusch Micro Dissector
 Bayonet Shaped Sharp
 Overall Length 24 cm (9 1/2")



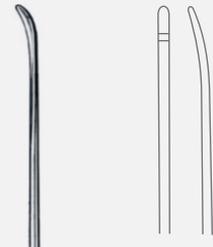
NS-659-01
 Curved
 Downwards(Right) Sharp



NS-659-02
 Curved
 Upwards(Left) Sharp



NS-670-00
Caspar Micro Dissectors
 Set of 6 (NS-671-10, NS-671-45,
 NS-673-10, NS-673-20, NS-673-45,
 NS-675-10)
 Overall Length 24 cm (9 1/2")



NS-671-10
 Straight
 1.0 mm



NS-671-45
 Straight
 4.5 mm



Caspar Micro Dissector
 Overall Length 24 cm (9 1/2")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



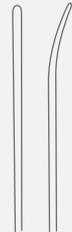
NS-673-10
 Curved Downwards(Right)
 1.0 mm



NS-673-20
 Curved Downwards(Right)
 2.0 mm



NS-673-45
 Curved Downwards(Right)
 4.5 mm



NS-675-10
 Curved Upwards(Left)
 1.0 mm



NS-677-10
 1.0 mm



NS-677-14
 1.4 mm

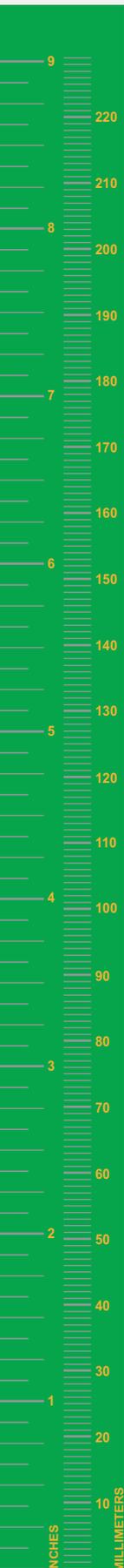


NS-677-18
 1.8 mm

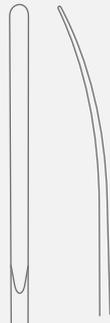
Caspar Micro Dissector
 Bayonet Shaped
 Overall Length 24 cm (9 1/2")

Micro Dissector
 Semi Sharp Straight Handle
 Overall Length 24 cm (9 1/2")

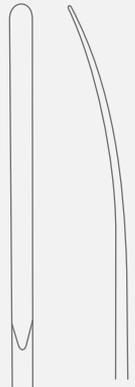
Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Micro Dissector
 Straight



NS-679-19
 19 cm (7 1/2")



NS-679-22
 21.5 cm (8 1/2")



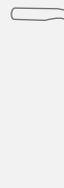
Ray Micro Curette
 Overall Length 19 cm (7 1/2")



NS-680-03
 Angled 45°
 Horizontal
 Ø 0.3 mm



NS-680-04
 Angled 45°
 Horizontal
 Ø 0.4 mm



NS-681-03
 Angled 90°
 Horizontal
 Ø 0.3 mm



NS-682-04
 Angled 45°
 Vertical
 Ø 0.4 mm



NS-683-03
 Angled 90°
 Vertical
 Ø 0.3 mm

Micro Neuro Instruments
Mikro Neuro Instrumente
Micro Neuro Instrumentos
Micro Neuro Instruments
Micro Neuro Strumenti



NS-684-04

Curved Upwards(Left)
Malleable
Ø 4.0 mm
Angled 90°



NS-684-06

Curved Upwards(Left)
Malleable
Ø 6.0 mm
Angled 90°



NS-685-04

Curved Upwards(Left)
Short Neck
Ø 4.0 mm
Angled 90°



NS-685-06

Curved Upwards(Left)
Short Neck
Ø 6.0 mm
Angled 90°



NS-685-14

Curved Upwards(Left)
Long Neck
Ø 4.0 mm
Angled 90°



NS-685-16

Curved Upwards(Left)
Long Neck
Ø 6.0 mm
Angled 90°



NS-686-04

Curved Upwards(Left)
Short Neck
Ø 4.0 mm
Angled 45°
Horizontally



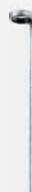
NS-686-14

Curved Downwards(Right)
Short Neck
Ø 4.0 mm
Angled 45°
Horizontally



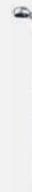
NS-687-04

Curved Downwards(Right)
Short Neck
Ø 4.0 mm
Angled 90°



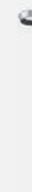
NS-687-06

Curved Downwards(Right)
Short Neck
Ø 6.0 mm
Angled 90°



NS-687-14

Curved Downwards(Right)
Long Neck
Ø 4.0 mm
Angled 90°



NS-687-16

Curved Downwards(Right)
Long Neck
Ø 6.0 mm
Angled 90°

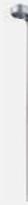
Hardy Micro Curette

Bayonet Shaped
Overall Length 26 cm (10 1/4")

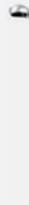
Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Hardy Micro Curette
 Straight, Shaft
 Overall Length 26 cm (10 1/4")



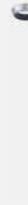
NS-688-01
 Short Neck
 Ø 4.0 mm
 Angled 90°



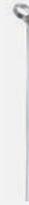
NS-688-02
 Long Neck
 Ø 4.0 mm
 Angled 90°



NS-688-03
 Short Neck
 Ø 6.0 mm
 Angled 90°



NS-688-04
 Long Neck
 Ø 6.0 mm
 Angled 90°

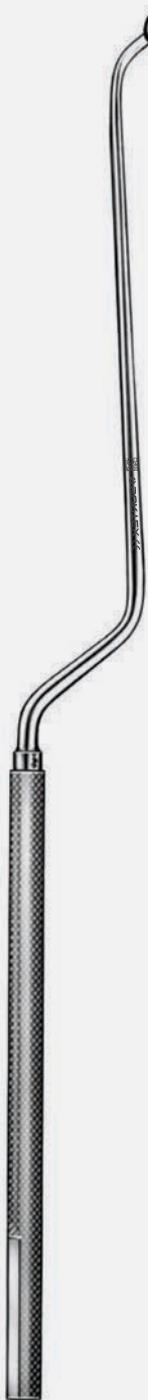


NS-688-09
 Short Neck
 Ø 4.0 mm
 Angled 45°

Micro Neuro Instruments
Mikro Neuro Instrumente
Micro Neuro Instrumentos
Micro Neuro Instruments
Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



Nicola Micro Curette
Bayonet Shaped
Overall Length 26 cm (10 1/4")



NS-689-01
Angled Upwards(Left) Verticle
Cutting on Left
Ø 6.5 mm
Malleable



NS-689-02
Angled Upwards(Left) Verticle
Cutting on Right
Ø 6.5 mm
Malleable



NS-689-03
Angled Upwards(Left), Horizontal
Ø 6.5 mm
Malleable



NS-689-11
Angled Upwards(Left), Verticle
Ø 6.5 mm
Angled 45°



NS-689-12
Angled Upwards(Left), Horizontal
Ø 6.5 mm
Angled 45°



Nicola Micro Curette
Straight, Shaft
Overall Length 26 cm (10 1/4")

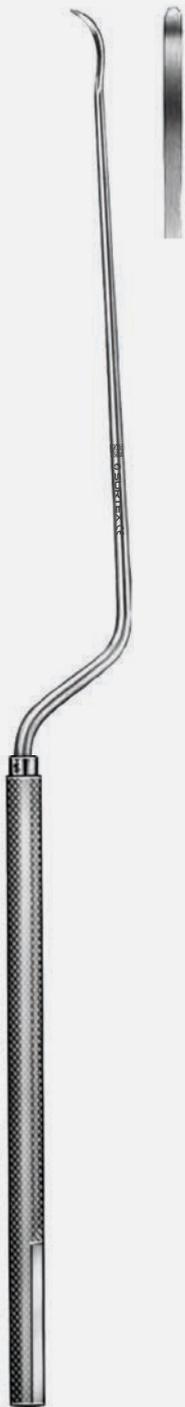
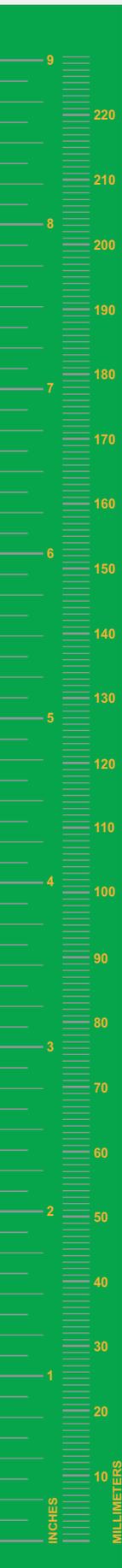


NS-689-13
Angled Vertically
Ø 6.5 mm
Angled 45°



NS-689-14
Angled Horizontally
Ø 6.5 mm
Angled 45°

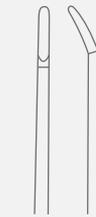
Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



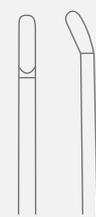
NS-690-21
Nicola Micro Raspatory Curved
 Curved Downwards(Right)
 Bayonet Shaped
 Overall Length 21.5 cm (8 1/2")



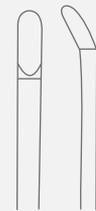
Samii Tumor Knife
 Overall Length 23 cm (9")



NS-691-10
 Oval, 1.0 mm



NS-691-15
 Oval, 1.5 mm



NS-691-20
 Oval, 2.0 mm



NS-691-25
 Oval, 2.5 mm



NS-691-30
 Oval, 3.0 mm



NS-691-35
 Oval, 3.5 mm



NS-691-40
 Oval, 4.0 mm



NS-691-50
 Oval, 5.0 mm

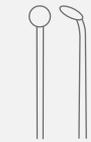
Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

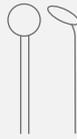
NEUROSURGERY INSTRUMENTS



NS-693-15
 Round, 1.5 mm



NS-693-30
 Round, 3.0 mm



NS-693-45
 Round 4.5 mm



NS-693-60
 Round, 6.0 mm



NS-694-18
 1.8 mm
 23 cm (9")



NS-694-25
 2.5 mm
 23 cm (9")



NS-695-26
Hosobuchi Fork Spatula
 Bayonet Shaped, Rigid
 Overall Length 26 cm (10 1/4")

Samii Tumor Knife
 Overall Length 23 cm (9")

Samii Lancet Knife

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-697-26
Landolt Micro Curette



NS-699-26
Landolt Micro Hook
 Blunt



NS-701-26
Landolt Micro Raspatory
 Bayonet Shaped, Malleable
 Overall Length 26 cm (10 1/4")

Bayonet Shaped, Malleable
 Overall Length 26 cm (10 1/4")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Landolt Micro Enucleator
 Bayonet Shaped, Malleable, Blunt Tip
 Overall Length 26 cm (10 1/4")



NS-703-01
 Blunt, Right
 Curved Downwards



NS-703-02
 Blunt, Left
 Curved Upwards

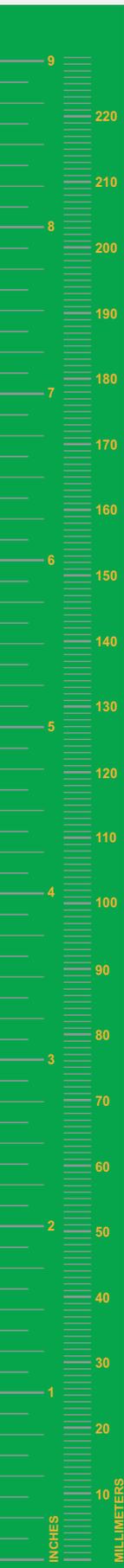


NS-703-03
 Blunt, Right
 Curved Downwards



NS-703-04
 Blunt, Left
 Curved Upwards

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Landolt-Reulen
 Rigid, Bayonet Shaped
 Overall Length 26 cm (10 1/4")



NS-711-26
 Micro Dissector
 Curved Upwards(Left)
 Tip Size Ø 2.0 mm



NS-713-26
 Micro Hook
 Blunt Curved Upwards(Left)
 Tip Size 1.7 mm



NS-715-26
 Micro Curette
 Blunt Curved Upwards(Left)
 Tip Size Ø 2.5 mm



NS-717-22
 Micro Raspatory
 Blunt Curved Upwards(Left)
 Tip Size 2.2 mm



NS-717-32
 Micro Raspatory
 Blunt Curved Upwards(Left)
 Tip Size 3.2 mm

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti

NS

NEUROSURGERY INSTRUMENTS



NS-719-01
 2.5 mm
 Spoon



NS-719-02
 Ø 2.5 mm
 Curette



NS-729-08
Micro Ball Probe
 Bayonet Shaped, Straight Tip
 Ø 0.8 mm
 Overall Length 19.5 cm (7 3/4")



NS-730-23
 Straight Shaft
 Blunt Tip



NS-731-23
 Curved Upwards(Left)
 Blunt Tip



NS-733-23
 Curved Downwards(Right)
 Blunt Tip

Micro Dissector
 Bayonet Shaped
 Overall Length 23 cm (9")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-734-23
Micro Raspatory
 Straight Shaft, Round Tip
 Overall Length 23 cm (9")



NS-735-23
Micro Raspatory
 Curved Upwards(Left), Round Tip
 Bayonet Shaped
 Overall Length 23 cm (9")



NS-737-01
 Straight Shaft
 Semi Sharp Tip

NS-737-02
 Straight Shaft
 Blunt Tip

Micro Hook
 Overall Length 23 cm (9")



NS-739-01
 Straight Shaft

NS-739-02
 Straight Shaft

Micro Dissector
 Overall Length 23 cm (9")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Micro Scoop
 Overall Length 23 cm (9")



NS-740-01
 Straight Shaft
 Straight Tip



NS-740-02
 Straight Shaft
 Angled Tip



NS-741-01
Micro Raspatory
 Straight Shaft Angled Tip
 Overall Length 23 cm (9")



NS-751-01
 70 x 15 mm

NS-751-02
 90 x 15 mm

NS-751-03
 110 x 15 mm

Cushing-Landolt Specula



NS-753-01
 80 x 11 mm

NS-753-02
 90 x 13 mm

NS-753-03
 100 x 15 mm

Papavero-Caspar Specula

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



NS-755-21
Landolt Specula
 Overall Length 21.5 cm (8 1/2")



Mirror

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



NS-792-00
Mirror Handle
 Bayonet Shaped
 Overall Length 15 cm (6")

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Micro Pituitary scissor
 Overall Length 16 cm (6 3/4")

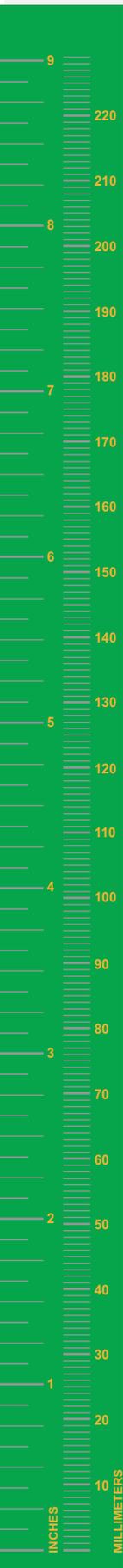
- | | | | |
|--|--|--|---|
| <u>NS-900-01</u>
Straight
Horizontal Blades | <u>NS-900-02</u>
Straight
Vertical Blades | <u>NS-900-03</u>
Curved Right
Vertical Blades | <u>NS-900-04</u>
Curved Left
Vertical Blades |
|--|--|--|---|



Micro Pituitary Forcep
 Overall Length 16 cm (6 3/4")

- | | | | |
|--|--|--|---|
| <u>NS-910-01</u>
Straight
Horizontal
Serrated Jaws | <u>NS-910-02</u>
Straight
Vertical
Serrated Jaws | <u>NS-910-03</u>
Curved Right
Vertical
Serrated Jaws | <u>NS-910-04</u>
Curved Left
Vertical
Serrated Jaws |
|--|--|--|---|

Micro Neuro Instruments
 Mikro Neuro Instrumente
 Micro Neuro Instrumentos
 Micro Neuro Instruments
 Micro Neuro Strumenti



Micro Pituitary Cup Biopsy Forcep

Ø 1.0 mm
 Overall Length 16 cm (6 3/4")

NS-920-01

Straight
 Horizontal
 Cup Shaped Jaws

NS-920-02

Straight
 Vertical
 Cup Shaped Jaws

NS-920-03

Curved Right
 Vertical
 Cup Shaped Jaws

NS-920-04

Curved Left
 Vertical
 Cup Shaped Jaws



Micro Pituitary Cup Biopsy Forcep

Ø 2.0 mm
 Overall Length 16 cm (6 3/4")

NS-922-01

Straight
 Horizontal
 Cup Shaped Jaws

NS-922-02

Straight
 Vertical
 Cup Shaped Jaws

NS-922-03

Curved Right
 Vertical
 Cup Shaped Jaws

NS-922-04

Curved Left
 Vertical
 Cup Shaped Jaws