

Neurochirurgie und Laminektomie

Neurosurgery and Laminectomy

Neurochirurgie et Laminectomie

NE

Clip Applying Forceps



Mckenzie

NE-0101-15 15 cm/6"
NE-0101-19 19 cm/7.6"



Mckenzie

NE-0103-15 15 cm/6"
NE-0103-19 19 cm/7.6"



Smithwick

NE-0105-23 23 cm/9.2"
NE-0105-26 26 cm/10.4"

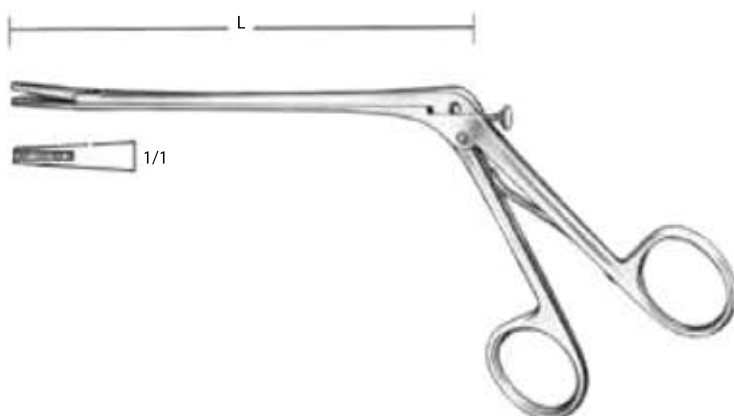


Sweet

NE-0107-23 23 cm/9.2"
NE-0107-26 26 cm/10.4"

Clip Bending and Cutting Forceps

Clip Applying Forceps



Olivercona - Toennis

NE-0109-14 14 cm/5.6"
NE-0109-20 20 cm/8"



McKenzie

18 cm/7.2"
NE-0110-18N

Applyin and removing forceps



Raney

15,5 cm/6.2"
NE-0208-00

scalp clips



Raney

NE-0207-00



Kolner

NE-0210-00

Silver Wires



Mckenzie
NE-0110-25N

Clip Carrier



Mckenzie
148x40x6 mm NE-0200-00
One clip holding



Mckenzie
190x48x13 mm NE-0200-02
Two clips holding

Silver clips



NE-0201-00
contains 100 pieces



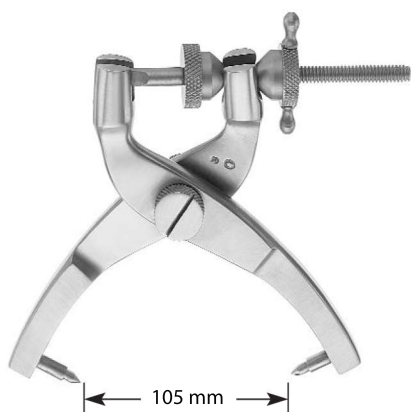
Skull Traction Tongs



NE-0204-00



NE-0204-10
spare pin



NE-0205-01



NE-0205-02



NE-0206-35
7 cm/2.8"
ø 3,5 mm



NE-0206-50
7 cm/2.8"
ø 5,0 mm
Drill point

Galea Hooks



Yasargil

31 cm/12.4"
NE-0490-31



Yasargil

41 cm/16.4"
NE-0490-41

Dura Protecting Forceps



Adson

15 cm/16"
NE-0495-15

Wire Saw Guide



1/2

DeMartel (Bailey)

33 cm/13.2"

NE-0900-33

Flexible

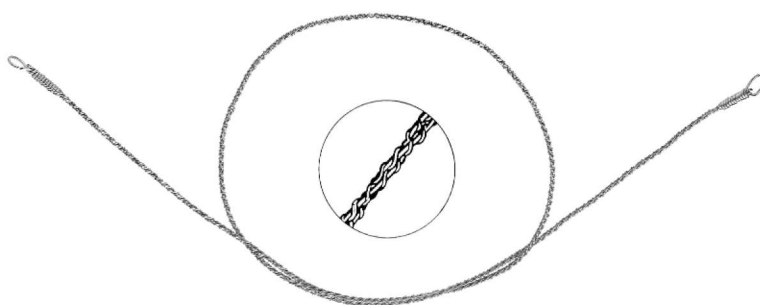


Lebsche

25 cm/10"

NE-0901-25

Wire Saw



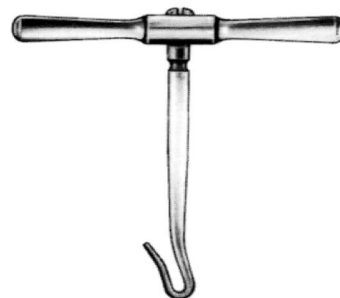
cm	inch.	soldered	coarse	fine
30	12	NE-0902-30	NE-0901-30	NE-0904-30
40	16	NE-0902-40	NE-0901-40	NE-0904-40
50	20	NE-0902-50	NE-0901-50	NE-0904-50
60	24	NE-0902-60	NE-0901-60	NE-0904-60
70	28	NE-0902-70	NE-0901-70	NE-0904-70

Olivecrona

Gigli

Olivecrona-Gigli

Wire Handles



Gigli

NE-0904-00



Gigli

NE-0905-00

Bore hole protection forceps



NE-0905-20
20 cm/8"

Skull punches



Devilbiss
21 cm/8.4"
NE-0906-21

Skull punches



Dahlgren
20 cm/8"
NE-0907-20



Cone
NE-0908-20 20 cm/8"
NE-0908-23 23 cm/8"



1/2 left

Dandy
20 cm/8"
NE-0501-20



1/2

Dandy
20 cm/8"
NE-0700-29



1/2 right

Dandy
20 cm/8"
NE-0503-20



1/2

Crile
20 cm/8"



1/1
NE-0504-01

Fig. 1



NE-0504-02

Fig. 2



1/2

Cushing



1/1

Fig. 1 19 cm/7.6"

NE-0506-19



1/1

Fig. 2

NE-0508-19

28 cm/11.2"

NE-0506-28

NE-0508-28



1/2

Graham
16,5 cm/6.6"
NE-0601-16



1/1

1/2

Sachs
18,5 cm/7.4"
NE-0604-18

Mucosa Hooks



sharp

Freer

15 cm/6"

SE-2108-15

Dura Hooks



sharp

Cairns

13 cm/5.2"

SE-2006-13



Lahey

13 cm/5.2"

NE-0602-13



1/1

1/2

Cushing

14,5 cm/5.8"

NE-0606-14

Nerve Hooks



Hone

23 cm/9.2"

NE-0600-23



1/1

sharp

1/2

Adson

20 cm/8"

NE-0608-20



1/1

blunt

1/2

Adson

20 cm/8"

NE-0609-20



NE-0608-26

NE-0609-26

Groningen

Nerve Hooks



Smithwick



NE-0700-17
17 cm/6.8"



NE-0700-21
21 cm/8.4"



Smithwick
29 cm/11.6"
NE-0700-29

Nerve Dissectors



Scoville
30 cm/12"
NE-0700-30



Scoville
30 cm/12"
NE-0701-30

Nerve Root Retractors



Scoville
23 cm/9.2"
NE-0404-23



8 mm



Holscher
24 cm/9.6"
NE-0405-24



7 mm



O'Connell
22 cm/8.8"
NE-0406-22



NE-0409-21
21 cm/8.4"



Love
21 cm/8.4"
NE-0701-21



Caspar
24 cm/9.6"
6 mm NE-0702-06
8 mm NE-0702-08
10 mm NE-0702-10



Hess
17,5 cm/7"



Love
19 cm/7.6"
NE-0800-19



Love
19 cm/7.6"
NE-0801-19



Love
19 cm/7.6"
NE-0803-19



Scoville
20 cm/8"
NE-0807-20



Olivecrona

19,5 cm/7.8" 24 cm/9.6"
NE-1391-19 NE-1391-24



Olivecrona

18,5 cm/7.4" 24 cm/9.6"
NE-1393-18 NE-1393-24



Toennis

25 cm/10"



Fig. 1

NE-1401-25



Fig. 2

NE-1402-25



Sachs

21 cm/8.4"
NE-1403-21



Sachs

21 cm/8.4"
NE-1405-21



Milligan

22 cm/8.8"
NE-1407-21



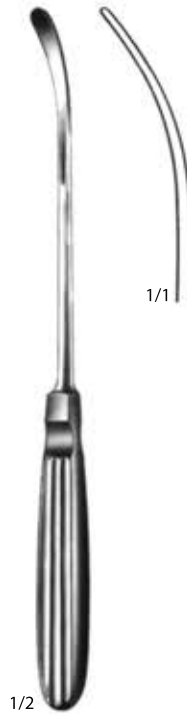
Pennybaker

23 cm/9.2"
NE-1409-22

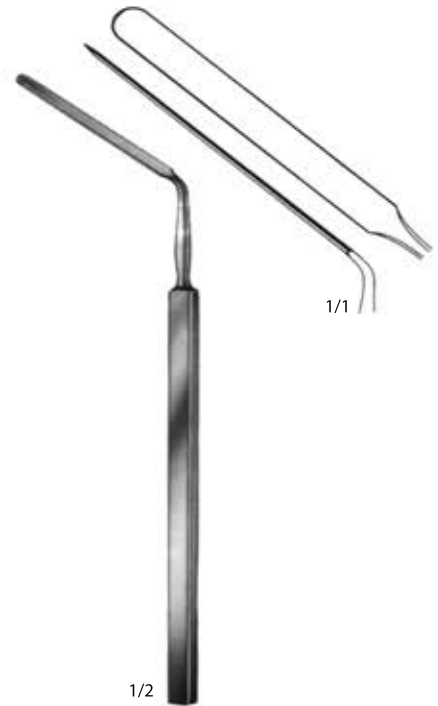
Dura Dissectors



Davis
24,5 cm/9.8"
NE-1501-24



Sachs
21 cm/8.4"
NE-1503-21



Horsley
20 cm/8"
NE-1505-20



Yasargil
19,5 cm/7.8"
for Children NE-1507-19 4 mm
for Adults NE-1509-19 7 mm
with flexible shaft



Frazier
15 cm/6"
NE-1711-15

Dura Separators



Hoehn
15 cm/6"
NE-1713-15



Hoehn
15 cm/6"
NE-1715-15



Cairns
17 cm/6.8"
NE-1002-17N



Partsch
15 cm/6"



NE-1302-01N



NE-1302-02N



Lange
14,5 cm/5.8"
NE-1302-14



4 mm



Lempert
16,5 cm/6.6"
NE-1303-16N



3.2 mm

blunt



Lempert
18,5 cm/7.4"
NE-1304-18N

6.3 mm



semi sharp



St. Clair Thompson
16 cm/6.4"
sharp NE-1306-16N
blunt NE-1308-16N

4 mm



Halle
16 cm/6.4"
NE-1309-16N

3.5 mm



3 mm



Sunday
23 cm/9.2"
blunt NE-1400-23N

Aneurysm Needle



Adson
22 cm/8.8"
NE-0708-22



25x75 mm

Hibbs
24 cm/9.6"
NE-0810-23

Cordotome



Frazier
18 cm/7.2"
NE-1607-18

Trigeminal Knives



NE-1607-23
23 cm/9.2"



^{1/2}
Olivecrona
19 cm/7.6"
NE-1607-19



Toennis



NE-1700-13
13 cm/5.2"



NE-1700-19
19 cm/7.6"

Dura Knives



Halle
20 cm/8"
NE-1700-20



Ball-and Socket Joint,
NE-2200-01



Holding Rod, head
NE-2200-02



Coupling Head
NE-2200-03



NE-2200-05

Fixation Base, for skull mounting,
holding 1 flexible arm



NE-2200-06

Fixation Base, for skull mounting,
holding 2 flexible arms



NE-2200-07

Fixation Base, for mounting to bars up to,
16 mm diam., holding 1 flexible arm



Flexible arm only
NE-2200-08



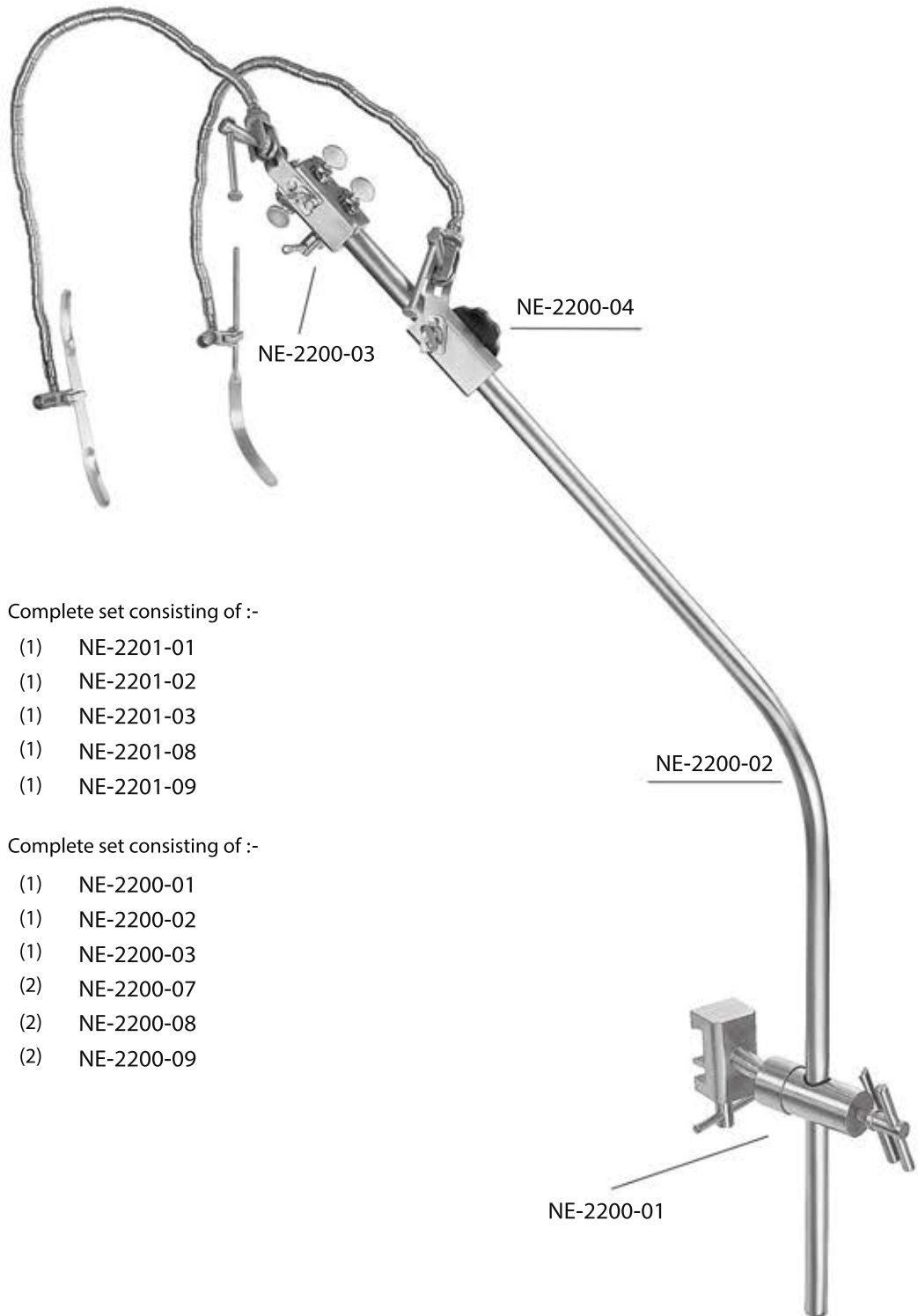
Support for flat brain spatula
NE-2200-09



Support for brain spatula with round shaft
NE-2200-10



Holder for ear spatula
NE-2200-12



Sets

NE-2201-01 Complete set consisting of :-

- (1) NE-2201-01
- (1) NE-2201-02
- (1) NE-2201-03
- (1) NE-2201-08
- (1) NE-2201-09

NE-2202-02 Complete set consisting of :-

- (1) NE-2200-01
- (1) NE-2200-02
- (1) NE-2200-03
- (2) NE-2200-07
- (2) NE-2200-08
- (2) NE-2200-09

NE-2201-00

Complete brain retractor set with (1) arm consisting of :-

- (1) NE-2200-05
- (1) NE-2200-08
- (1) NE-2200-09



NE-2201-00

NE-2202-02

Complete brain retractor set with (2) arms consisting of :-

- (1) NE-2200-06
- (2) NE-2200-08
- (1) NE-2200-09



NE-2202-02

malleable



Cushing

width 18 cm/7.2"

7/9 mm	NE-2500-07
11/13 mm	NE-2500-11
15/18 mm	NE-2500-15
18/22 mm	NE-2500-18



Olivecrona

width 18 cm/7.2"

7/9 mm	NE-2502-07
11/13 mm	NE-2502-11
15/18 mm	NE-2502-15
18/22 mm	NE-2502-18



Olivecrona (Concave)

width 18 cm/7.2"

7/9 mm	NE-2503-07
11/13 mm	NE-2503-11
15/18 mm	NE-2503-15
18/22 mm	NE-2503-18



Scoville

width 20 cm/8"

10/13 mm	NE-2504-10
16/19 mm	NE-2500-16



AAchen

width 20 cm/8"

7/8 mm	NE-2506-07
10/11 mm	NE-2500-10
13/14 mm	NE-2500-13
16/17 mm	NE-2500-16
19/20 mm	NE-2500-19
22/25 mm	NE-2500-20



width length

9 mm	200 mm	NE-2507-01
12 mm	200 mm	NE-2507-02
12 mm	250 mm	NE-2507-03

malleable



Carins (Davis)

width	20 cm/8"
6 mm	NE-2508-06
8 mm	NE-2508-08
10 mm	NE-2508-10
11 mm	NE-2508-11
13 mm	NE-2508-13
16 mm	NE-2508-16
19 mm	NE-2508-19
25 mm	NE-2508-25



Ribbon

width	20 cm/8"
6 mm	NE-1608-06
7 mm	NE-1608-07
9 mm	NE-1608-09
12 mm	NE-1608-12
17 mm	NE-1608-17
20 mm	NE-1608-20
25 mm	NE-1608-25



Heifetz

width	15.5 cm/6.2"
8 mm	NE-2509-08
11 mm	NE-2509-11
14 mm	NE-2509-14
17 mm	NE-2509-17



Ribbon

width	33 cm/13.2"
13 mm	NE-1700-13
19 mm	NE-1700-19
25 mm	NE-1700-25
30 mm	NE-1700-30
32 mm	NE-1700-32
40 mm	NE-1700-40



Heifetz

width	20 cm/8"
8 mm	NE-2600-08
11 mm	NE-2600-11
14 mm	NE-2600-14
17 mm	NE-2600-17
20 mm	NE-2600-20



Martin

width	20 cm/8"
6.5 mm	NE-1703-06
9.5 mm	NE-1703-09
13 mm	NE-1703-13
16 mm	NE-1703-16
19 mm	NE-1703-19
25 mm	NE-1703-25



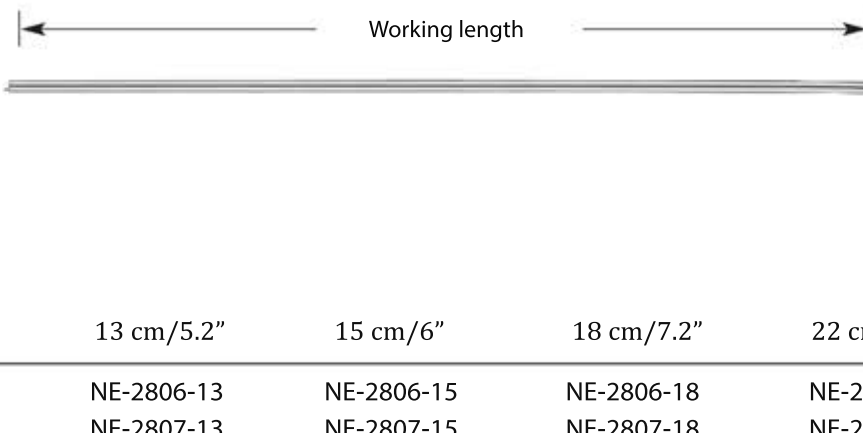
Fergusson

Ø mm	11 cm/4.4"	13 cm/5.2"	16 cm/6.4"	20 cm/8"
1.5	NE-2700-15	NE-2701-15	NE-2702-15	NE-2703-15
2.0	NE-2700-20	NE-2701-20	NE-2702-20	NE-2703-20
2.5	NE-2700-25	NE-2701-25	NE-2702-25	NE-2703-25
3.0	NE-2700-30	NE-2701-30	NE-2702-30	NE-2703-30
4.0	NE-2700-40	NE-2701-40	NE-2702-40	NE-2703-40
5.0	NE-2700-50	NE-2701-50	NE-2702-50	NE-2703-50



Lempert

Ø mm	20 cm/8"
2	NE-2803-02
3	NE-2803-03



Yarargil

Ø mm	13 cm/5.2"	15 cm/6"	18 cm/7.2"	22 cm/8.8"
1.5	NE-2806-13	NE-2806-15	NE-2806-18	NE-2806-22
2.0	NE-2807-13	NE-2807-15	NE-2807-18	NE-2807-22
2.5	NE-2808-13	NE-2808-15	NE-2808-18	NE-2808-22
3.5	NE-2809-13	NE-2809-15	NE-2809-18	NE-2809-22



Poppen

charr	19 cm/7.6"
6	NE-2809-06
8	NE-2809-08
10	NE-2809-10
12	NE-2809-12



Adson

Ø mm	21 cm/8.4"
4	NE-2810-04N



Adson

Ø mm	14 cm/5.6"	21 cm/8.4"
3	NE-2900-14	
4		NE-2900-21



Frazier

Ø mm	24 cm/9.6"
3.3	NE-2900-24



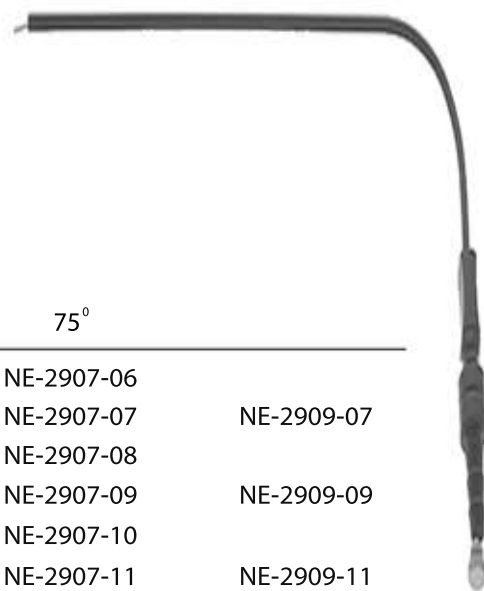
4 mm

Fergusson
18 cm/7.2"
NE-2901-04

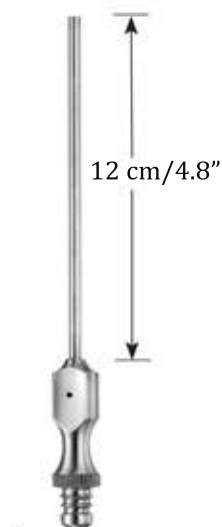


Frazier
19 cm/7.6"

charr.	30°	75°	
6	NE-2905-06	NE-2907-06	
7	NE-2905-07	NE-2907-07	NE-2909-07
8	NE-2905-08	NE-2907-08	
9	NE-2905-09	NE-2907-09	NE-2909-09
10	NE-2905-10	NE-2907-10	
11	NE-2905-11	NE-2907-11	NE-2909-11
12	NE-2905-12	NE-2907-12	
15	NE-2905-15	NE-2907-15	

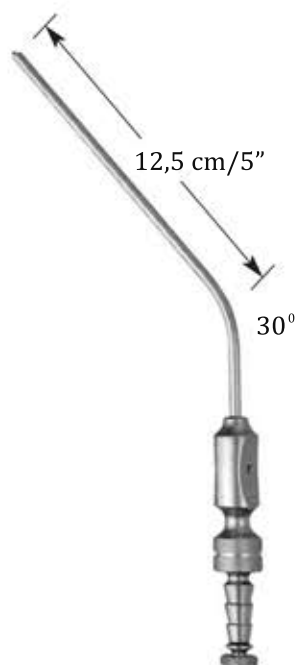


Frazier
19 cm/7.6"
Insulated



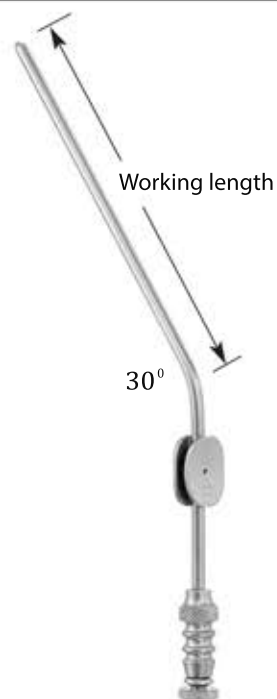
Frazier

charr	mm	
6	2.0	NE-2902-06N
8	2.7	NE-2902-08N
9	2.9	
10	3.3	NE-2902-10N
12	4.0	NE-2902-12N



Frazier

NE-2903-06N
NE-2903-08N
NE-2903-09N
NE-2903-10N
NE-2903-12N



12,5 cm/5" 18 cm/7.2"

NE-2906-06N	NE-2906-16N
NE-2906-08N	NE-2906-18N
NE-2906-10N	NE-2906-30N
NE-2906-12N	NE-2906-32N



18 cm/7.2"

NE-2904-05N



Luer

mm	
4.5	NE-3007-45N
5.5	NE-3007-55N



Yankauer

mm	
2.0	AN-1409-27
4.8	AN-1408-27



Magill

mm	
3.0	AN-1505-30
3.5	AN-1505-35
4.0	AN-1505-40



Frazier

ϕ mm	12 cm/4.8"
2.0	NE-2908-08
2.5	NE-2908-10
3.0	NE-2908-12



ϕ mm 7 cm/2.8"

2.0	NE-3000-20
2.5	NE-3000-25



Jefferson

L	ϕ 1.7 mm
8 cm/3.2"	NE-3001-08
10 cm/4"	NE-3001-10



Cone

charr.	9 cm/3.6"
12	NE-3002-12
13	NE-3002-13
14	NE-3002-14
15	NE-3002-15
16	NE-3002-16
17	NE-3002-17
18	NE-3002-18



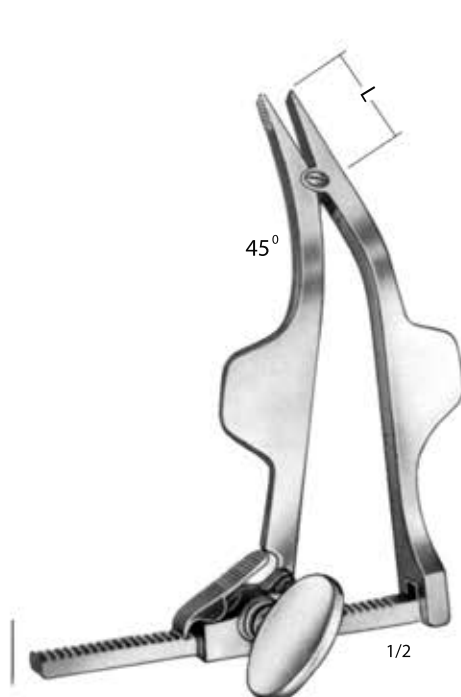
Dandy

ϕ mm	9,5 cm/3.8"
2	NE-3003-20

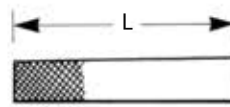


Cushing-Carins

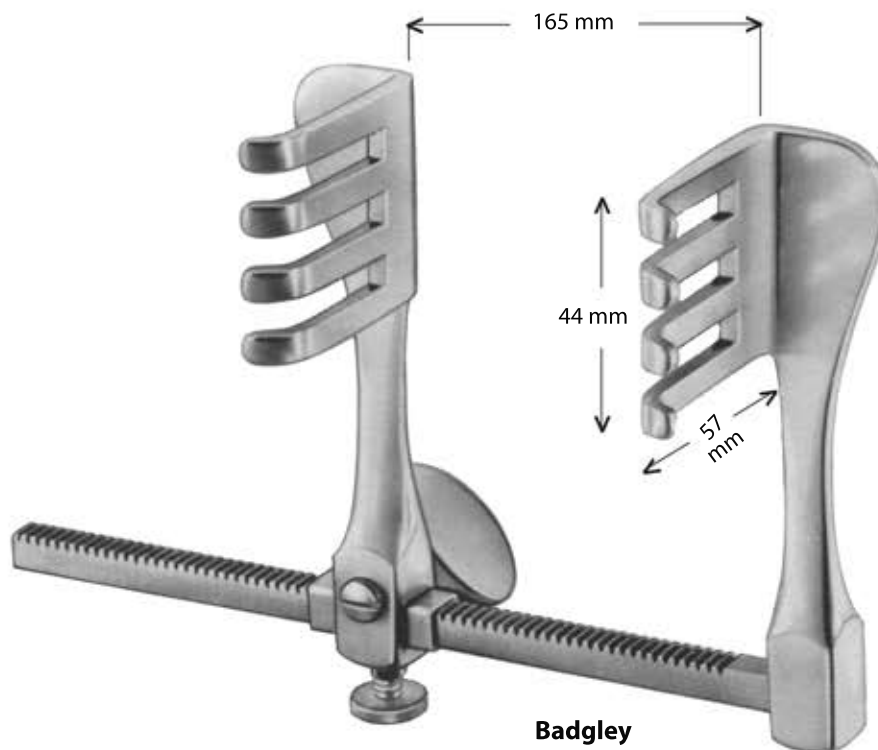
ϕ mm	9,5 cm/3.8"
2.3	NE-3004-23
2.6	NE-3004-26



Cloward
15 cm/6"
NE-4002-15



Cloward
17 cm/6.8"
NE-4001-16



Badgley
16 cm/6.4"
TX-2602-16



2/3

Inge (Baby-Inge)

16 cm/6.4"

NE-4005-17

Blade opening 38 mm/1 1/2"

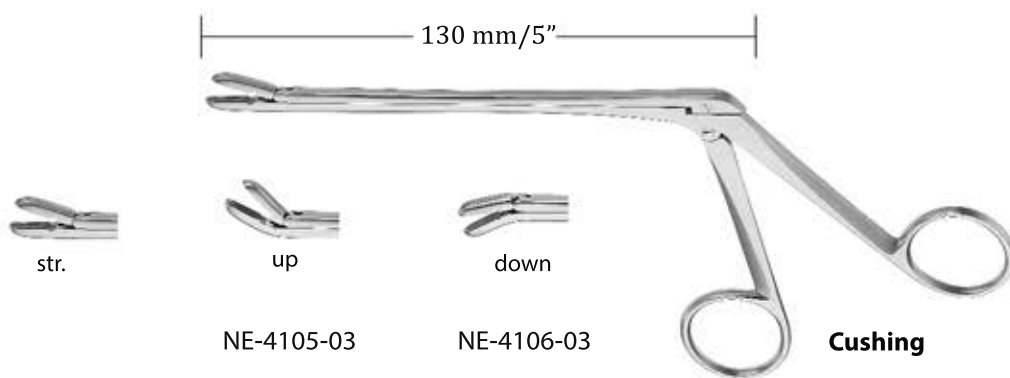
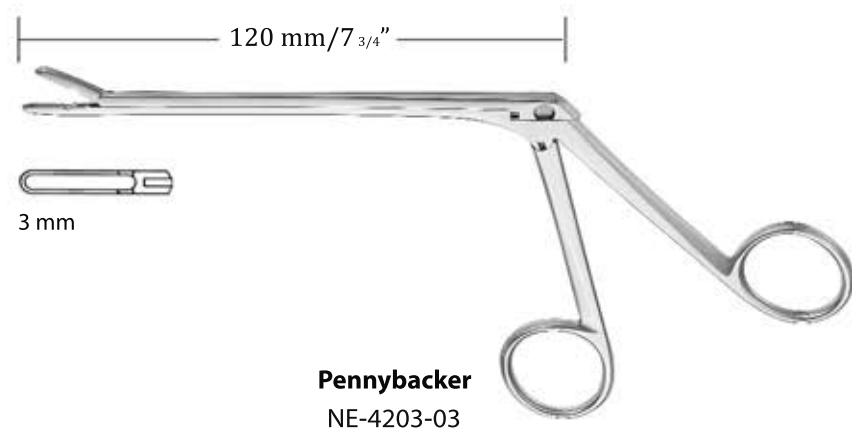
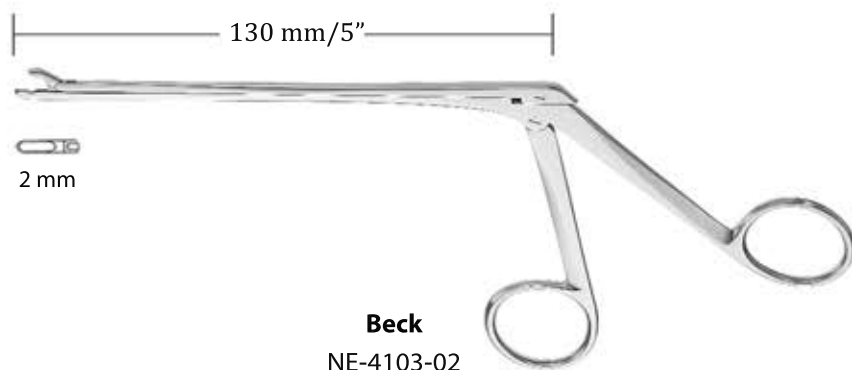


1/2

28 cm/11.2"

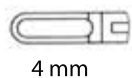
NE-4005-27

Blade opening 75 mm/3"



NE-4105-03

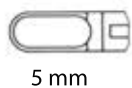
NE-4106-03



NE-4104-04

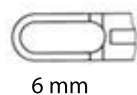
NE-4105-04

NE-4106-04



NE-4104-05

NE-4105-05



NE-4104-06



Cushing



2.0 mm

12 cm/4.8"

15 cm/6"

18 cm/7.2"



NE-4200-01

NE-4201-01

NE-4202-01



NE-4200-02

NE-4201-02

NE-4202-02



NE-4200-03

NE-4201-03

NE-4202-03

Love-Greunwald



3.0 mm

12 cm/4.8"

15 cm/6"

18 cm/7.2"



NE-4300-01

NE-4301-01

NE-4302-01



NE-4300-02

NE-4301-02

NE-4302-02



NE-4300-03

NE-4301-03

NE-4302-03

Spurling



4.0 mm

12 cm/4.8"

15 cm/6"

18 cm/7.2"



NE-4400-01

NE-4401-01

NE-4402-01



NE-4400-02

NE-4401-02

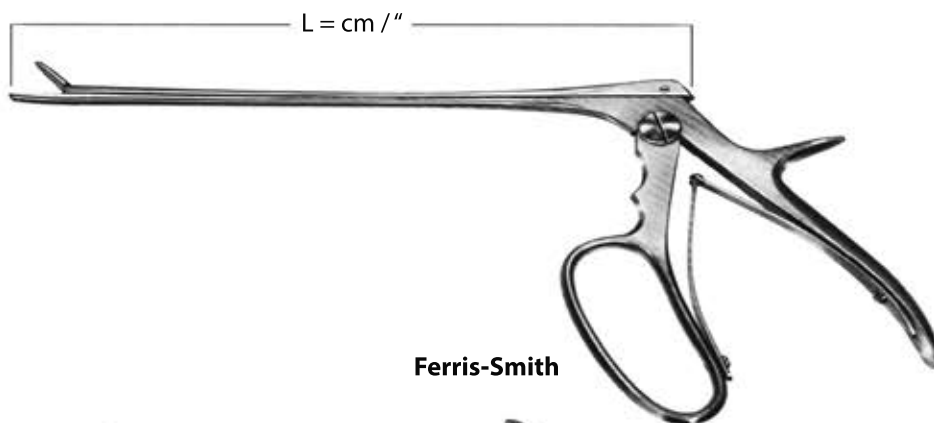
NE-4402-02



NE-4400-03

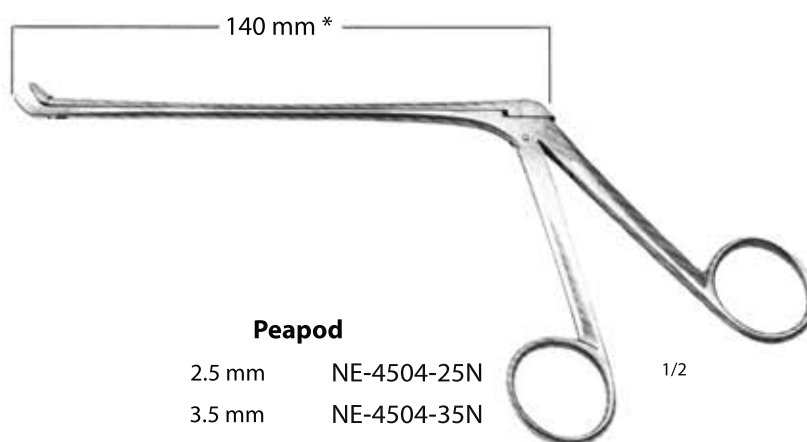
NE-4401-03

NE-4402-03



Ferris-Smith

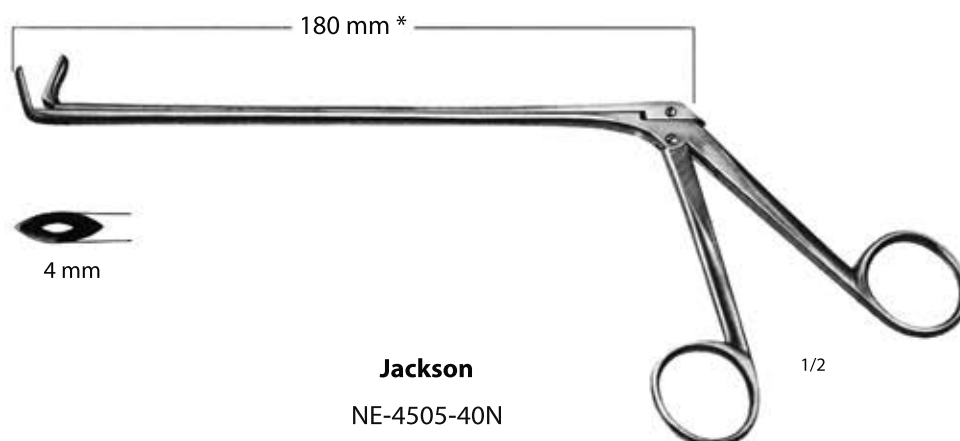
						
Jaw width	16 cm/6.4"	18 cm/7.2"	16 cm/6.4"	18 cm/7.2"	16 cm/6.4"	18 cm/7.2"
2 mm		NE-4501-01		NE-4501-02		NE-4501-03
3 mm	NE-4500-01	NE-4502-01	NE-4500-02	NE-4502-02	NE-4500-03	NE-4502-03
4mm		NE-4503-01		NE-4503-02		NE-4503-03



Peapod

2.5 mm NE-4504-25N
3.5 mm NE-4504-35N

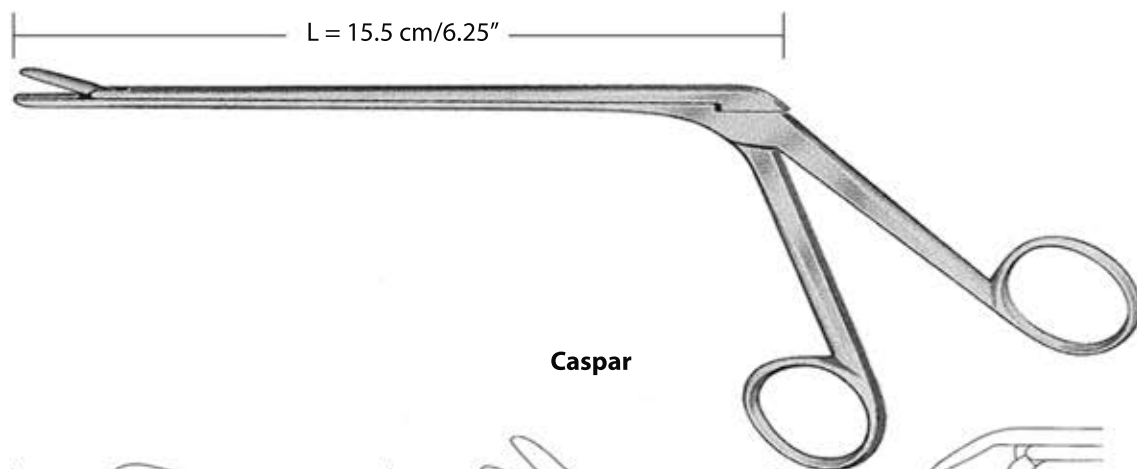
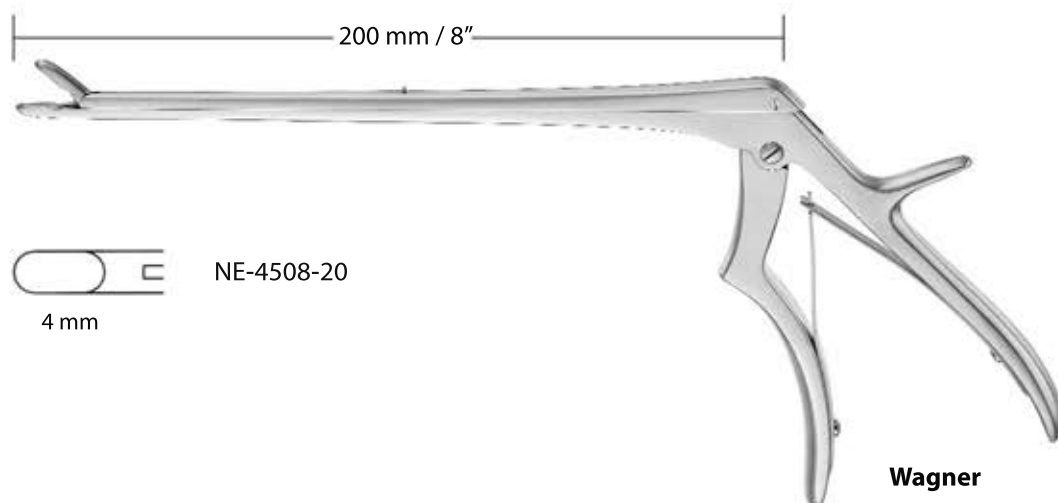
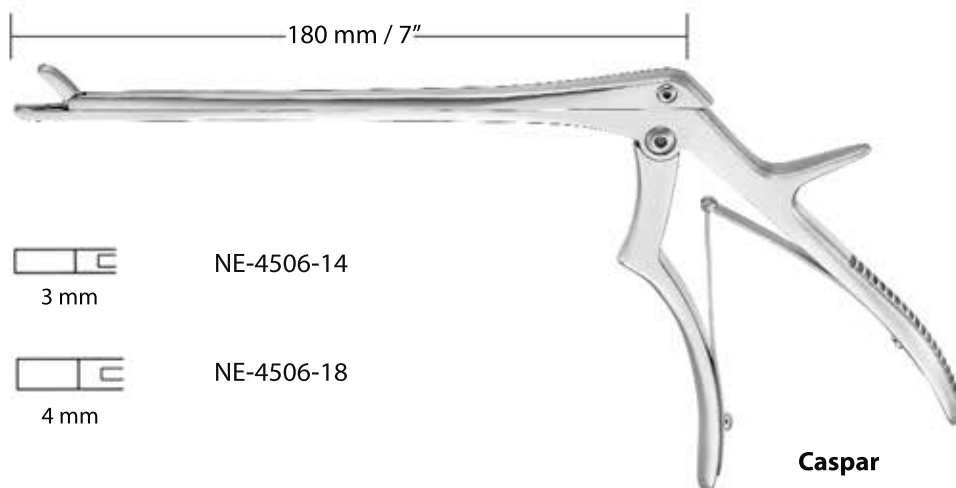
1/2



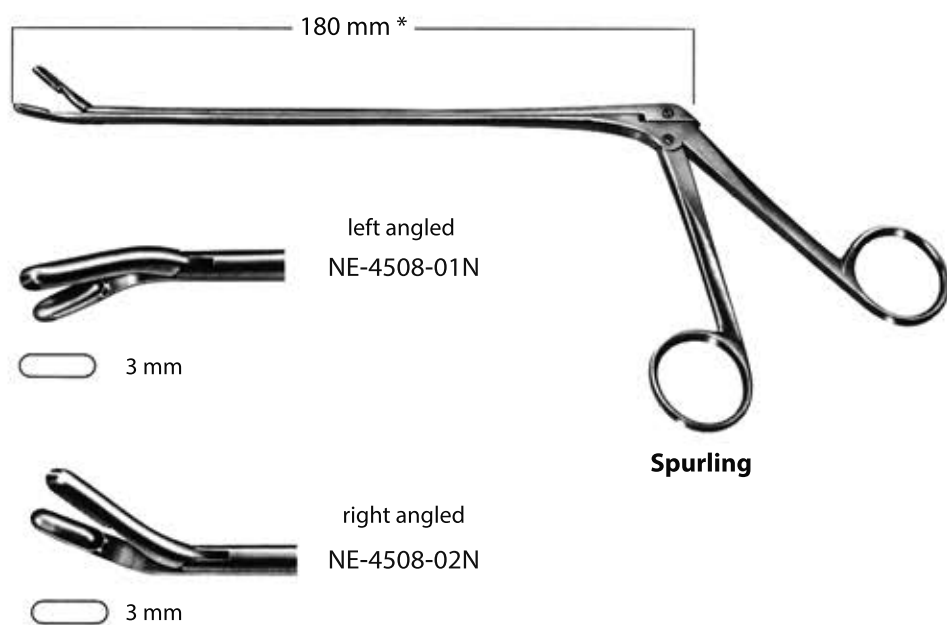
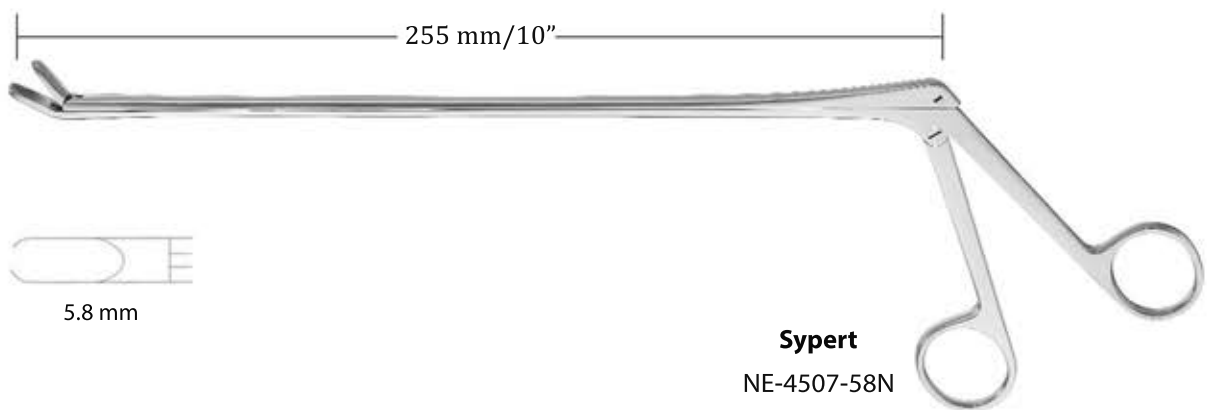
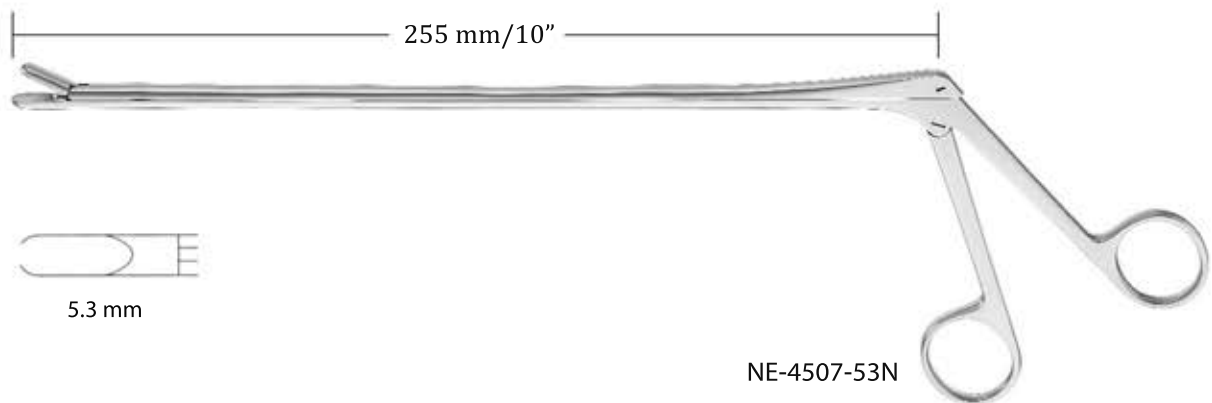
Jackson

NE-4505-40N

1/2

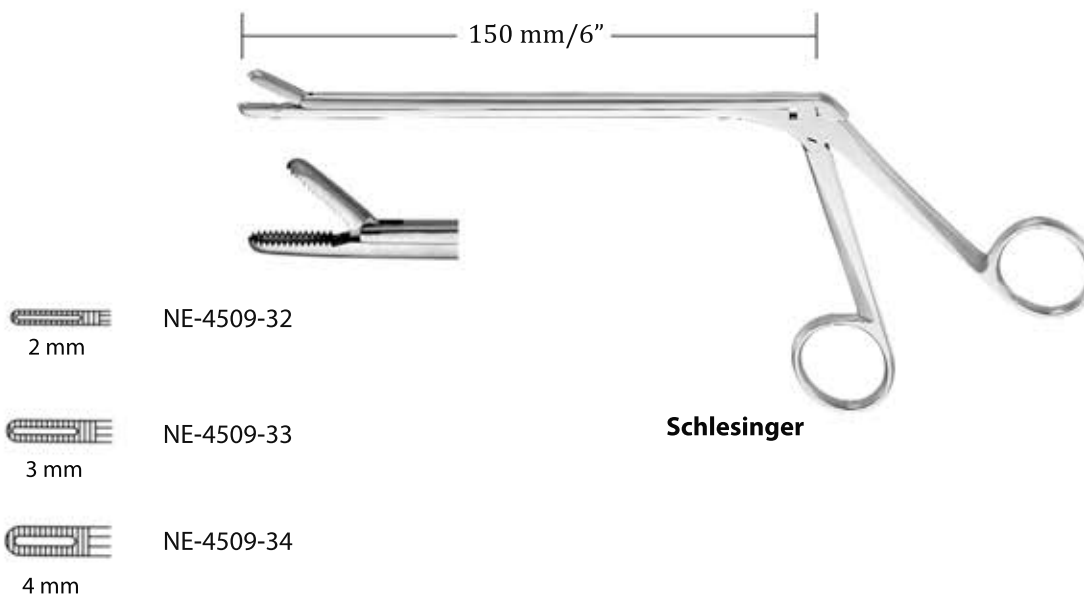
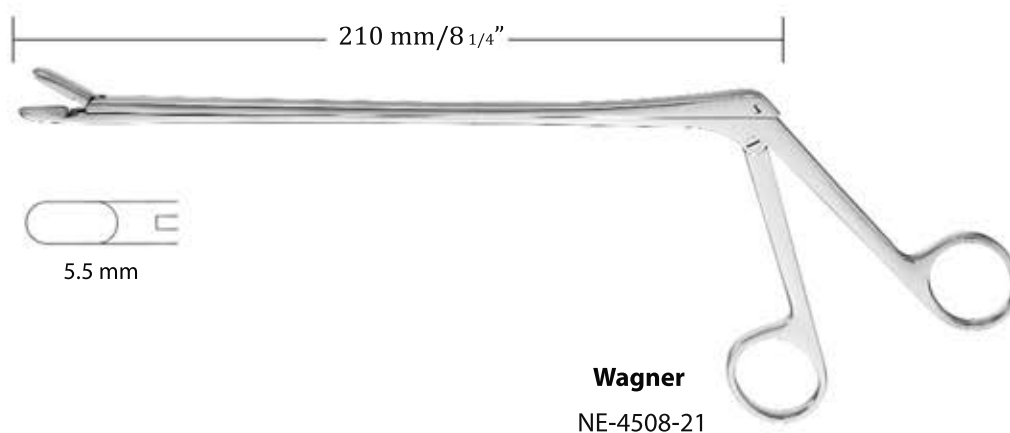


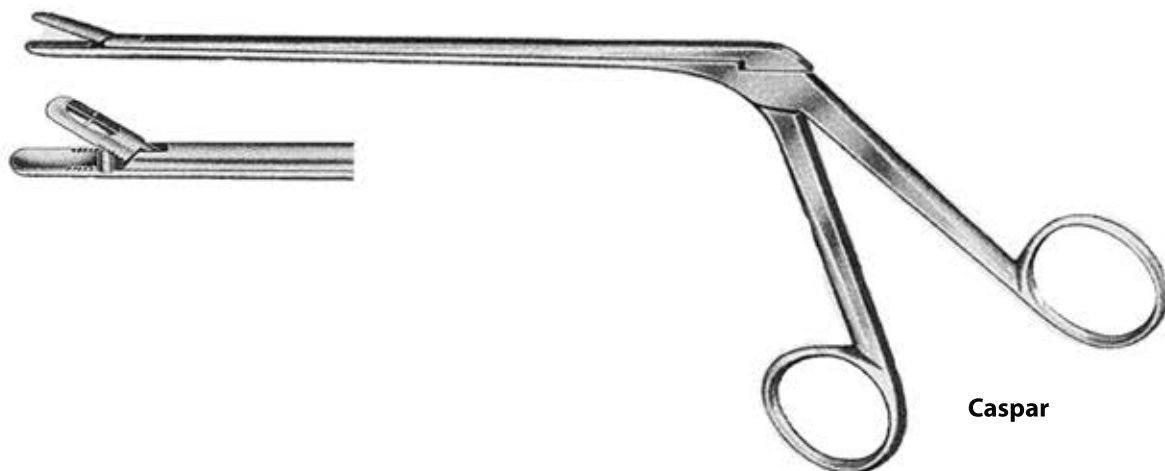
Jaw width			
2 mm	NE-4700-02	NE-4701-02	NE-4703-02
3 mm	NE-4700-03	NE-4701-03	NE-4703-03
4 mm	NE-4700-04	NE-4701-04	NE-4703-04
5 mm	NE-4700-05		





Oldberg	NE-4405-70		7 mm, 180 mm long
Yasargil	NE-4407-22		2.2 mm, 190 mm long
Yasargil	NE-4407-35		3.5 mm, 190 mm long
Landolt	NE-4408-90		9 mm, 200 mm long





Caspar



2x12 mm

14 cm/5.6"

NE-4600-20

NE-4601-20

NE-4603-20

16 cm/6.4"

NE-4604-20

NE-4605-20

NE-4607-20

18,5 cm/7.4"

NE-4608-20



3x12 mm

14 cm/5.6"

NE-4600-30

NE-4601-30

NE-4603-30

16 cm/6.4"

NE-4604-30

NE-4605-30

NE-4607-30

18,5 cm/7.4"

NE-4608-30

NE-4609-30

NE-4615-30



4x14 mm

14 cm/5.6"

NE-4600-40

NE-4601-40

NE-4603-40

16 cm/6.4"

NE-4604-40

NE-4605-40

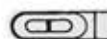
NE-4607-40

18,5 cm/7.4"

NE-4608-40

NE-4609-40

NE-4615-40



5x16 mm

14 cm/5.6"

NE-4600-50

NE-4601-50

16 cm/6.4"

NE-4604-50

NE-4605-50

NE-4607-50

18,5 cm/7.4"

NE-4608-50

NE-4609-50

NE-4615-50



6x16 mm

14 cm/5.6"

NE-4600-60

16 cm/6.4"

NE-4604-60

18,5 cm/7.4"

NE-4608-60



Kerrison

Up 90



		mm
18 cm/7.2"	NE-5100-01	1
20 cm/8"	NE-5110-01	1
23 cm/9.2"	NE-5120-01	1
25 cm/10"	NE-5130-01	1
27 cm/10.8"	NE-5140-01	1

		mm
18 cm/7.2"	NE-5100-02	2
20 cm/8"	NE-5110-02	2
23 cm/9.2"	NE-5120-02	2
25 cm/10"	NE-5130-02	2
27 cm/10.8"	NE-5140-02	2

		mm
18 cm/7.2"	NE-5100-03	3
20 cm/8"	NE-5110-03	3
23 cm/9.2"	NE-5120-03	3
25 cm/10"	NE-5130-03	3
27 cm/10.8"	NE-5140-03	3

		mm
18 cm/7.2"	NE-5100-04	4
20 cm/8"	NE-5110-04	4
23 cm/9.2"	NE-5120-04	4
25 cm/10"	NE-5130-04	4
27 cm/10.8"	NE-5140-04	4

		mm
18 cm/7.2"	NE-5100-05	5
20 cm/8"	NE-5110-05	5
23 cm/9.2"	NE-5120-05	5
25 cm/10"	NE-5130-05	5
27 cm/10.8"	NE-5150-05	5

		mm
18 cm/7.2"	NE-5100-06	6
20 cm/8"	NE-5110-06	6
23 cm/9.2"	NE-5120-06	6
25 cm/10"	NE-5130-06	6
27 cm/10.8"	NE-5160-06	6

Down 90



		mm
18 cm/7.2"	NE-5101-01	1
20 cm/8"	NE-5111-01	1
23 cm/9.2"	NE-5121-01	1
25 cm/10"	NE-5131-01	1
27 cm/10.8"	NE-5141-01	1

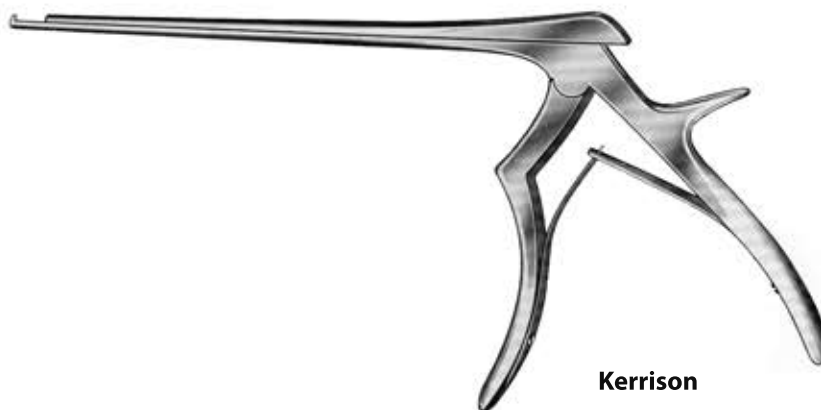
		mm
18 cm/7.2"	NE-5101-02	2
20 cm/8"	NE-5111-02	2
23 cm/9.2"	NE-5121-02	2
25 cm/10"	NE-5131-02	2
27 cm/10.8"	NE-5141-02	2

		mm
18 cm/7.2"	NE-5101-03	3
20 cm/8"	NE-5111-03	3
23 cm/9.2"	NE-5121-03	3
25 cm/10"	NE-5131-03	3
27 cm/10.8"	NE-5141-03	3

		mm
18 cm/7.2"	NE-5101-04	4
20 cm/8"	NE-5111-04	4
23 cm/9.2"	NE-5121-04	4
25 cm/10"	NE-5131-04	4
27 cm/10.8"	NE-5141-04	4

		mm
18 cm/7.2"	NE-5101-05	5
20 cm/8"	NE-5111-05	5
23 cm/9.2"	NE-5121-05	5
25 cm/10"	NE-5131-05	5
27 cm/10.8"	NE-5141-05	5

		mm
18 cm/7.2"	NE-5101-06	6
20 cm/8"	NE-5111-06	6
23 cm/9.2"	NE-5121-06	6
25 cm/10"	NE-5131-06	6
27 cm/10.8"	NE-5141-06	6



Kerrison

Up 40



		mm
18 cm/7.2"	NE-5102-01	1
20 cm/8"	NE-5112-01	1
23 cm/9.2"	NE-5122-01	1
25 cm/10"	NE-5132-01	1
27 cm/10.8"	NE-5142-01	1



		mm
18 cm/7.2"	NE-5102-02	2
20 cm/8"	NE-5112-02	2
23 cm/9.2"	NE-5122-02	2
25 cm/10"	NE-5132-02	2
27 cm/10.8"	NE-5142-02	2



		mm
18 cm/7.2"	NE-5102-03	3
20 cm/8"	NE-5112-03	3
23 cm/9.2"	NE-5122-03	3
25 cm/10"	NE-5132-03	3
27 cm/10.8"	NE-5142-03	3

		mm
18 cm/7.2"	NE-5102-04	4
20 cm/8"	NE-5112-04	4
23 cm/9.2"	NE-5122-04	4
25 cm/10"	NE-5132-04	4
27 cm/10.8"	NE-5142-04	4

		mm
18 cm/7.2"	NE-5102-05	5
20 cm/8"	NE-5112-05	5
23 cm/9.2"	NE-5122-05	5
25 cm/10"	NE-5132-05	5
27 cm/10.8"	NE-5152-05	5

		mm
18 cm/7.2"	NE-5102-06	6
20 cm/8"	NE-5112-06	6
23 cm/9.2"	NE-5122-06	6
25 cm/10"	NE-5132-06	6
27 cm/10.8"	NE-5162-06	6

Down 40



		mm
18 cm/7.2"	NE-5103-01	1
20 cm/8"	NE-5113-01	1
23 cm/9.2"	NE-5123-01	1
25 cm/10"	NE-5133-01	1
27 cm/10.8"	NE-5143-01	1



		mm
18 cm/7.2"	NE-5103-02	2
20 cm/8"	NE-5113-02	2
23 cm/9.2"	NE-5123-02	2
25 cm/10"	NE-5133-02	2
27 cm/10.8"	NE-5143-02	2

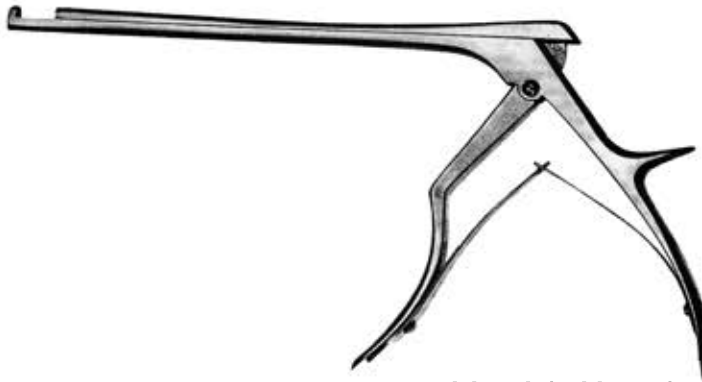


		mm
18 cm/7.2"	NE-5103-03	3
20 cm/8"	NE-5113-03	3
23 cm/9.2"	NE-5123-03	3
25 cm/10"	NE-5133-03	3
27 cm/10.8"	NE-5143-03	3

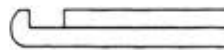
		mm
18 cm/7.2"	NE-5103-04	4
20 cm/8"	NE-5113-04	4
23 cm/9.2"	NE-5123-04	4
25 cm/10"	NE-5133-04	4
27 cm/10.8"	NE-5143-04	4

		mm
18 cm/7.2"	NE-5103-05	5
20 cm/8"	NE-5113-05	5
23 cm/9.2"	NE-5123-05	5
25 cm/10"	NE-5133-05	5
27 cm/10.8"	NE-5143-05	5

		mm
18 cm/7.2"	NE-5103-06	6
20 cm/8"	NE-5113-06	6
23 cm/9.2"	NE-5123-06	6
25 cm/10"	NE-5133-06	6
27 cm/10.8"	NE-5143-06	6



Calclough (Schlesing)



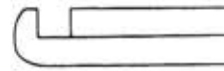
3 mm

15 cm/6"

NE-5200-03

20 cm/8"

NE-5202-03



5 mm

NE-5200-05

NE-5202-05



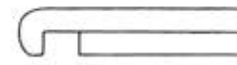
3 mm

15 cm/6"

NE-5204-03

20 cm/8"

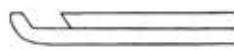
NE-5206-03



5 mm

NE-5204-05

NE-5206-05



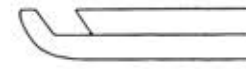
3 mm

15 cm/6"

NE-5207-03

20 cm/8"

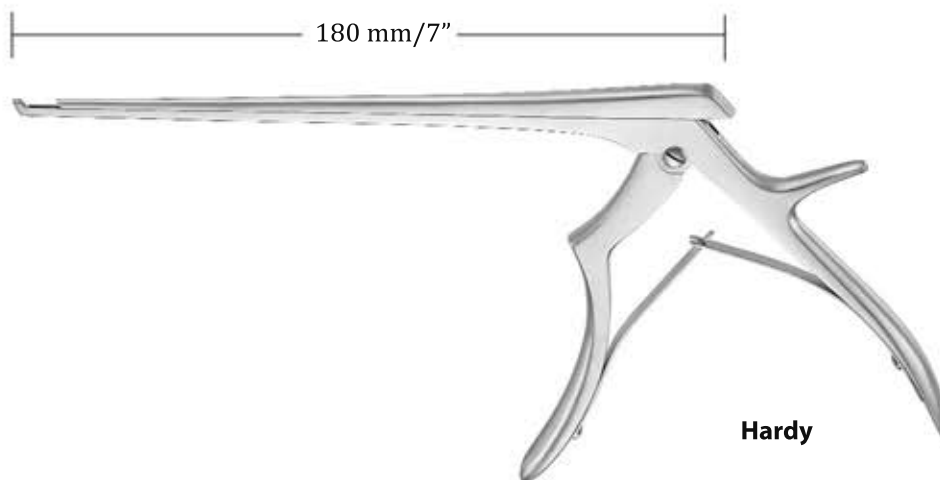
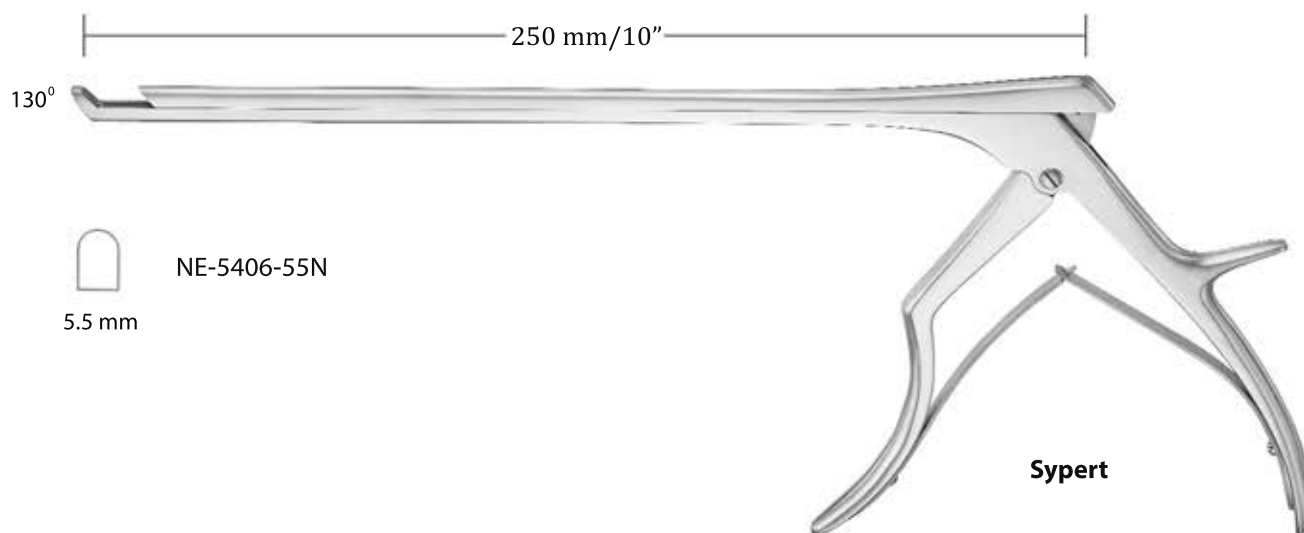
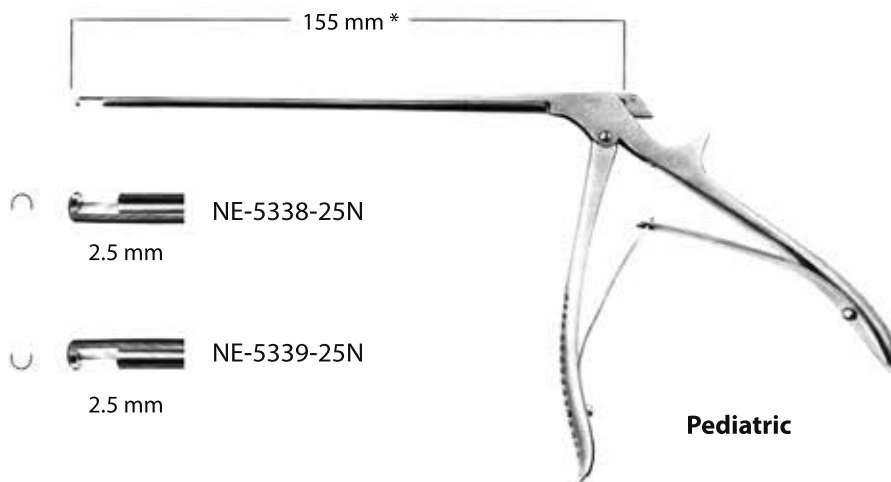
NE-5209-03



5 mm

NE-5207-05

NE-5209-05



	up 40°	up 90°	down 40°	down 90°
1 mm	NE-5504-01N			
2 mm	NE-5500-02N	NE-5501-02N	NE-5503-02N	NE-5502-02N

Buttomed Probes



Jacobson

18,5 cm/7.4"

NE-0606-19N NE-0606-20N

Vessel Spreader



Biemer

NE-0606-10N

Vessel Dilator



12,5 cm/5"

0.5 mm

NE-0606-16N

1 mm

NE-0606-17N

1.5 mm

NE-0606-18N

Vessel Knives



Koss

NE-8412-19N

up ward

NE-8413-19

down ward



Koss

18,5 cm/7.4"

NE-8415-19

up ward

NE-8416-19N

down ward



Koss

NE-0605-51N

up ward

NE-0605-52N

down ward

Arachnoid Knives



Yasargil

NE-8419-19

down ward

NE-8418-19N

up ward

Tumer Knives



1 mm

NE-0705-10N



1.5 mm

NE-0705-11N



2 mm

NE-0705-12N



2.5 mm

NE-0705-13N



3 mm

NE-0705-14N



3.5 mm

NE-0705-15N



4 mm

NE-0705-16N



4.5 mm

NE-0705-18N



1.5 mm

NE-0706-01N



3 mm

NE-0706-02N



4.5 mm

NE-0706-03N



6 mm

NE-0706-04N

Lancet Knives



1.8 mm

NE-0707-18N



2.5 mm

NE-0707-25N

Samii

23 cm/9.2"

Samii

23 cm/9.2"

Tumer Forks



Yasargil
20 cm/8"



5 mm
NE-0709-05N



8 mm
NE-0709-08N



Okonek-Yasargil
23 cm/9.2"



3 mm
NE-1704-03N



4 mm
NE-1704-04N

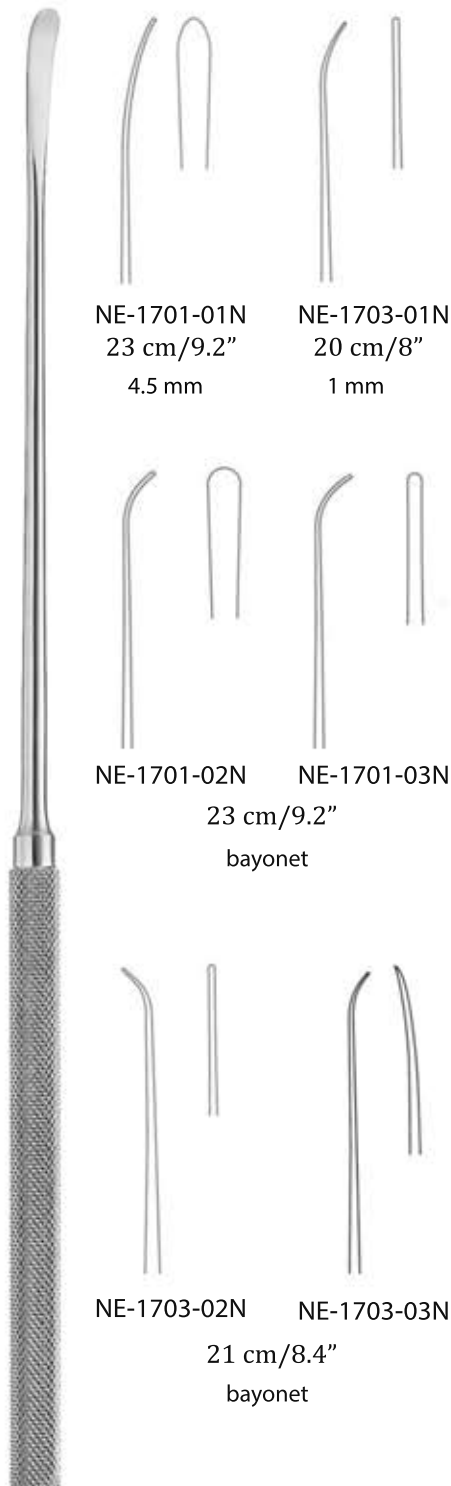


5 mm
NE-1704-05N



8 mm
NE-1708-05N

Dissectors



Caspar

Tissue Claws



18,5 cm/7.4"

Dura Hooks



Knot tier and ligature pusher

interchangeable
vessel knife



Jacobson
9.5 cm/3.8"
NE-1702-01N

interchangeable
hook



NE-1702-02N
9.5 cm/3.8"

NE-1702-10N
10.5 cm/4.2"

Handle with chuck

Jacobson
NE-1702-19N



Caspar
NE-1701-04N



23 cm/9.2"

Ligature guide and carrier



Fig. 1
NE-8371-01



Fig. 2
NE-8371-02



Fig. 3
NE-8371-03



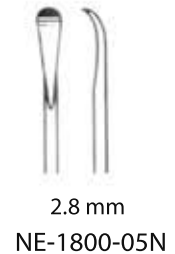
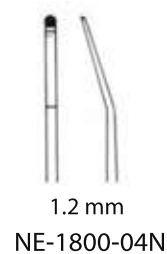
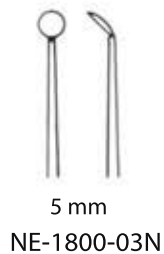
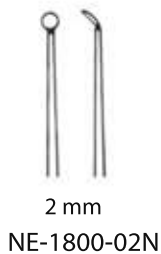
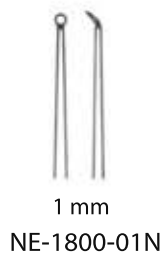
Fig. 4
NE-8371-04



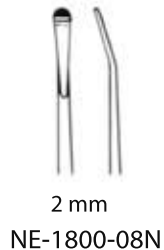
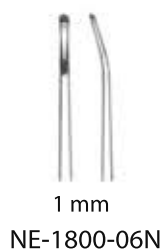
Yasargil
18.5 cm/7.4"

round dissectors

elevators



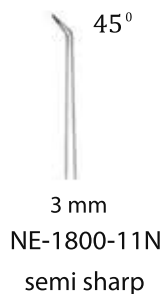
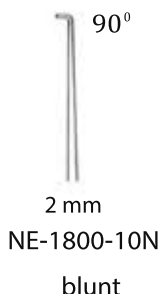
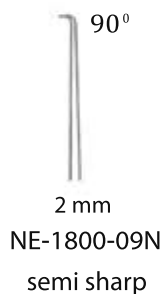
spatula dissectors



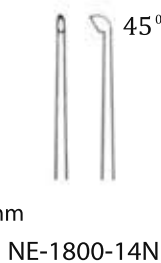
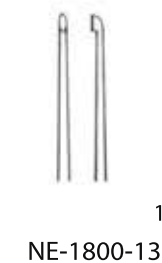
Hooks

Needle

probes



oval curettes



Rhoton
 19 cm/7.6"

Exploration and coagulation hooks



Caspar

24,5 cm/9.8"



NE-8365-01



NE-8365-02



NE-8365-03



NE-8365-04

Nerve and vessel hooks



NE-8373-01



NE-8373-02



NE-8373-03

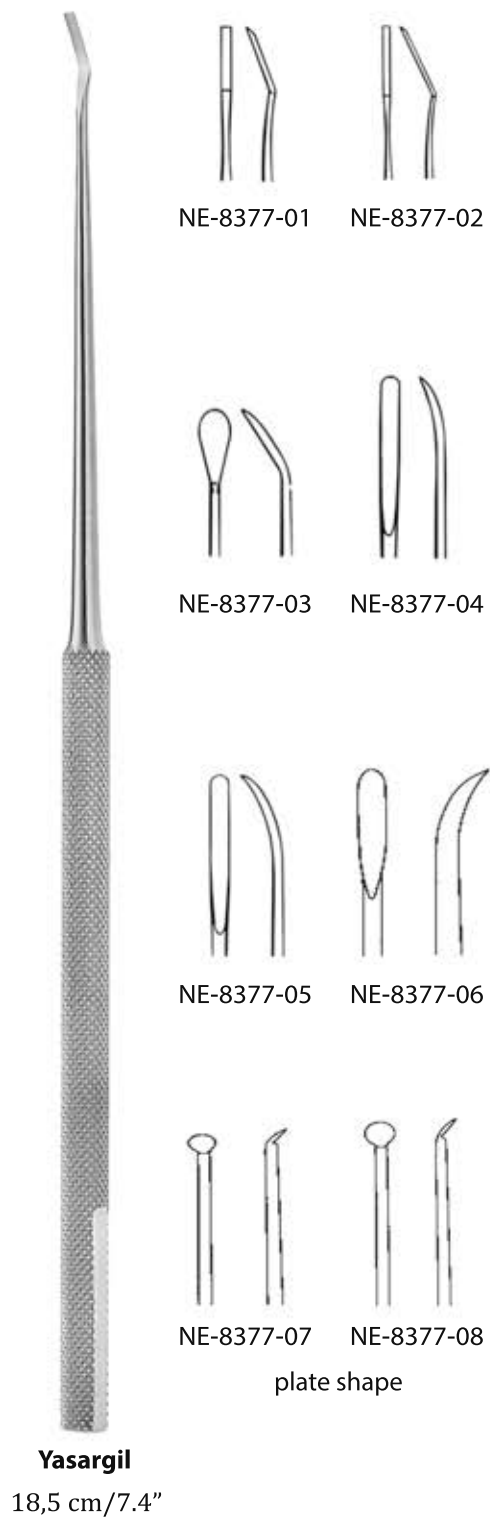
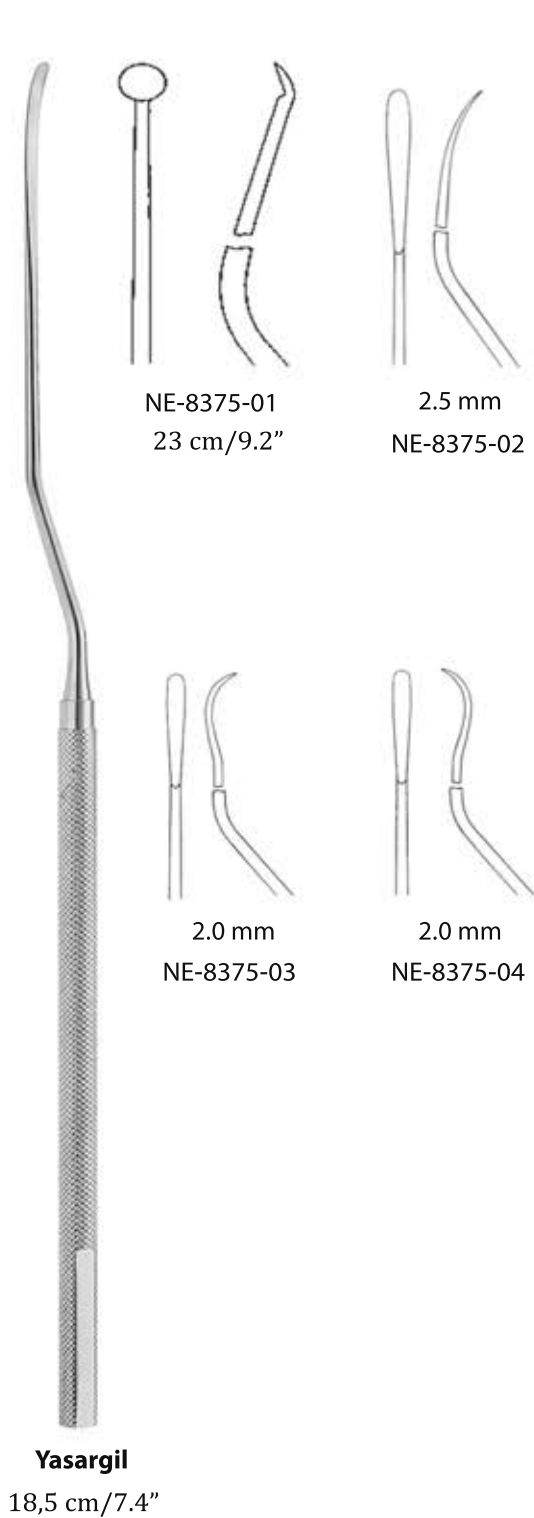


NE-8373-04



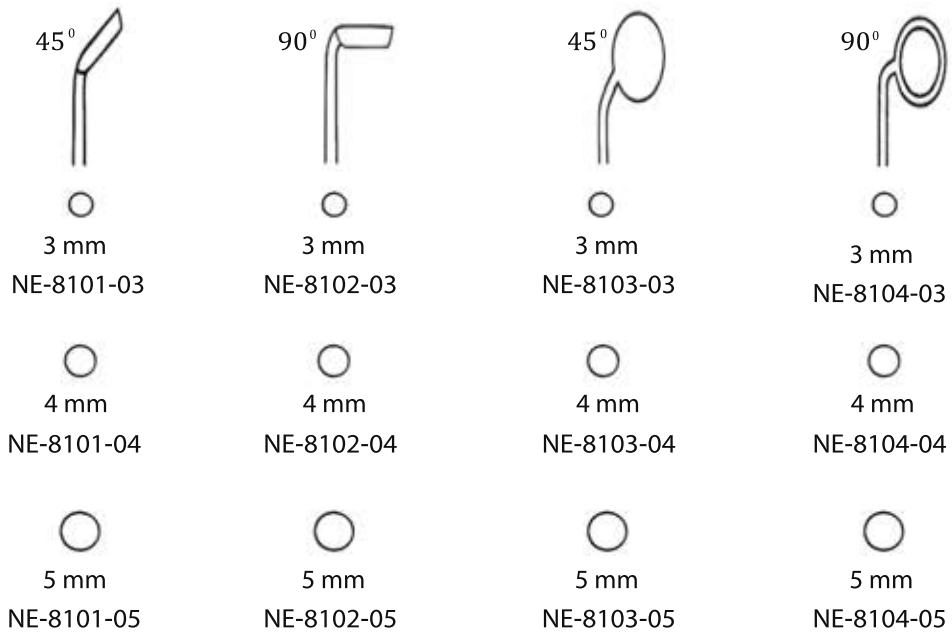
Krayenbuhl

18,5 cm/7.4"

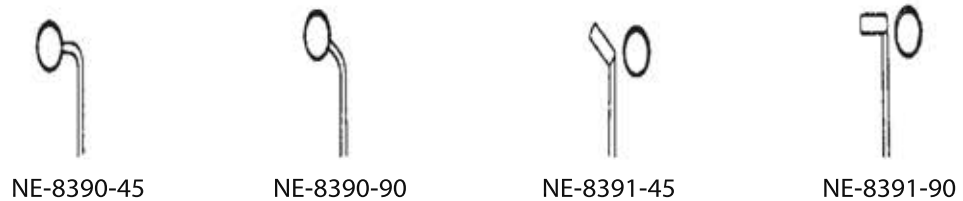




Ray
19 cm/7.6"



Ray
19 cm/7.6"
4 mm



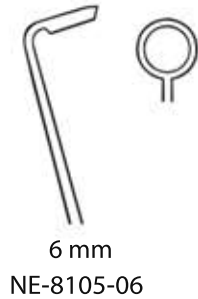
Malleable Curettes



Hardy
26 cm/10.4"



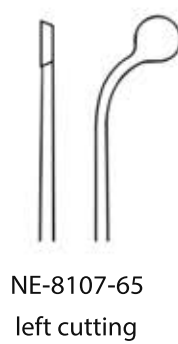
4 mm
NE-8105-04



6 mm
NE-8105-06



Nicola
22 cm/8.8"



NE-8107-65
left cutting



NE-8109-65
right cutting



NE-8201-65



Nicola
21,5 cm/8.6"
NE-8203-00



Cone
23 cm/9.2"



- | | |
|------|------------|
| 3 mm | NE-8204-03 |
| 4 mm | NE-8204-04 |
| 6 mm | NE-8204-06 |
| 7 mm | NE-8204-07 |
| 8 mm | NE-8204-08 |
| 9 mm | NE-8204-09 |

- | | |
|------|------------|
| 3 mm | NE-8205-03 |
| 4 mm | NE-8205-04 |
| 6 mm | NE-8205-06 |
| 7 mm | NE-8205-07 |
| 8 mm | NE-8205-08 |
| 9 mm | NE-8205-09 |



angled up



angled down



45°



90°

Hardy
24 cm/9.6"

right cvd

left cvd

3 mm NE-8500-03

NE-8501-03

NE-8502-03

NE-8503-03

5 mm NE-8500-05

NE-8501-05

NE-8502-05

NE-8503-05



right

NE-8504-05



left

NE-8505-05



Malleable spoon

Hardy

24 cm/9.6"
NE-8506-24

Trans-sphenoidal



Cushing-Landolt

NE-8001-70	70x15 mm
NE-8001-90	90x15 mm
NE-8002-10	110x15 mm



Hardy

NE-8005-70	70 mm
NE-8005-90	80 mm
NE-8005-10	90 mm



Papavero-Caspar

NE-8007-11	80x11 mm
NE-8007-13	90x13 mm
NE-8007-15	100x15 mm

Lamina chisel



Papavero

22 cm/8.8"
NE-8003-22

spreader for specula



Landolt

21 cm/8.4"
NE-8004-21

Enucleators



Hardy
24,5 cm/9.8"



NE-8302-24

blunt



NE-8303-24



NE-8306-24

sharp



NE-8307-24

Implant fork



Hardy
24,5 cm/9.8"



NE-8310-00

Dissector



Hardy-Faheuseh



NE-8320-24



NE-8322-24

Micro Dissectors



NE-8303-02
angled up

Hardy
24 cm/9.6"
2 mm



NE-8304-02
angled down

Micro Mirror



Hardy
23 cm/9.2"
5 mm
NE-8300-00



Yasargil
21 cm/8.4"
6 mm
NE-8601-24

Pituitary curettes



Yasargil
23 cm/9.2"



NE-8385-23

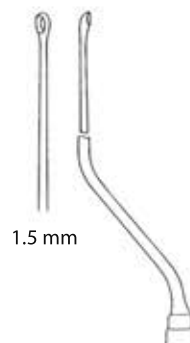


NE-8386-23

sharp



Yasargil
18,5 cm/7.4"
NE-8387-18



1.5 mm

malleable enucleator



NE-8342-26

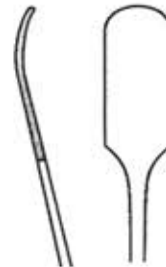
blunt



NE-8343-26

blunt

malleable curette



NE-8346-26

malleable spoon



NE-8347-26

malleable hook



NE-8348-26

blunt

fork spatula



NE-8349-26

blunt



Landolt

26 cm/10.4"

malleable spoon



26 cm/10.4"



2 mm

NE-8350-26

Fahlebusch



2.5 mm

NE-8351-26



2.5 mm

Landolt-Reulen

NE-8355-25

Raspatory



2.2 mm

NE-8353-22

Landolt-Reulen



3.2 mm

NE-8353-32

Blunt Hook

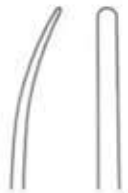


2.2 mm

NE-8359-20

Landolt-Reulen

Dissector



1.7 mm

NE-8357-17

Hypophysectomy Forceps



Adson
23 cm/9.2"
NE-2100-23



Adson
23 cm/9.2"
NE-2101-23



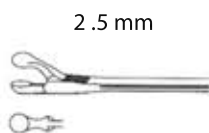
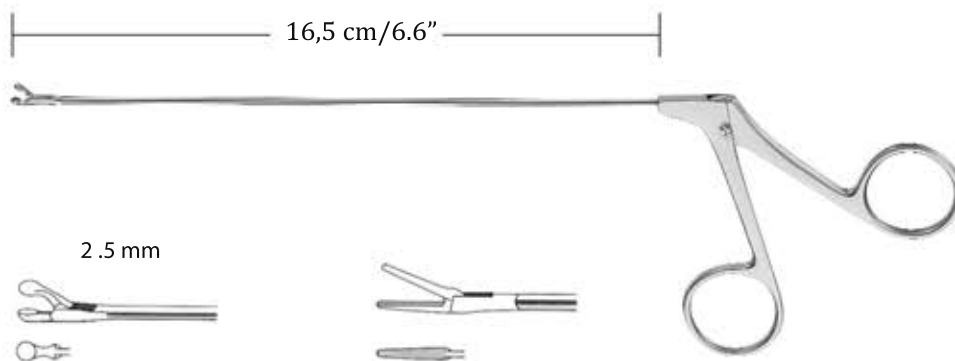
Adson
23 cm/9.2"
NE-2103-23



Landolt
21,5 cm/8.6"
NE-8705-22



Hardy
21cm/8.4"
NE-8706-21



Nicola
NE-8802-16
scoop-shaped



Yasargil-Nicola
NE-8806-16
conical jaws

Hypophysectomy Scissors

