

Brain Spatulas



- 42.02.06 6 mm x 19 mm
- 42.02.04 4 mm x 16 mm
- 42.02.03 3 mm x 12 mm
- 42.02.02 2.5mm x 10 mm
- 42.02.01 1.5mm x 6 mm



- 42.03.06 Tapering to 6 mm
- 42.03.04 Tapering to 4 mm
- 42.03.03 Tapering to 3 mm



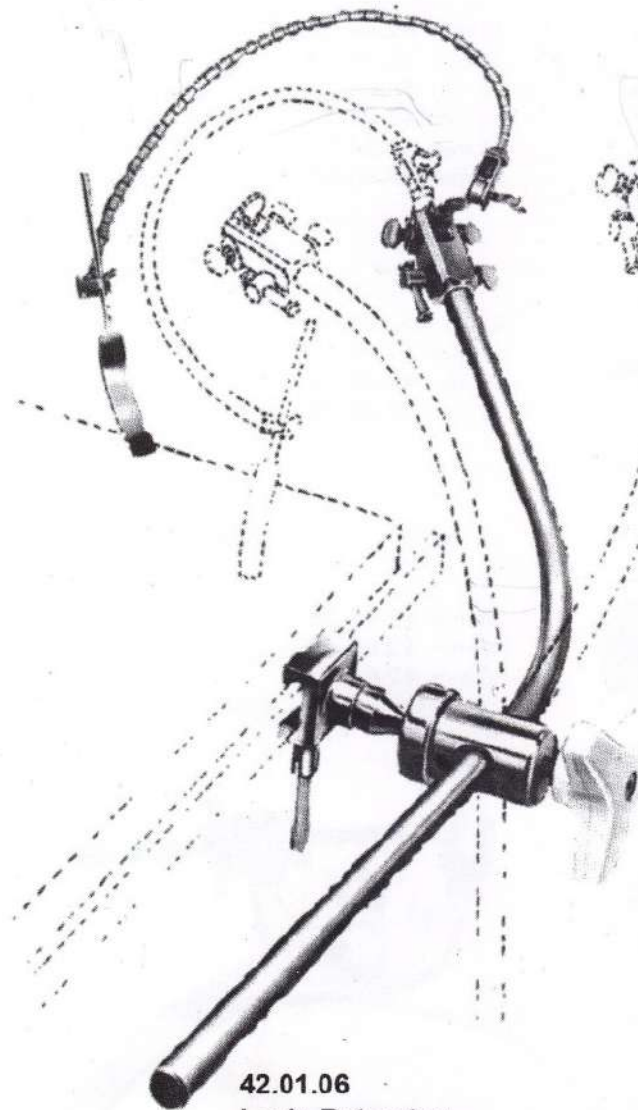
- 42.04.06 Tapering to 6 mm
- 42.04.04 Tapering to 4 mm
- 42.04.03 Tapering to 3 mm



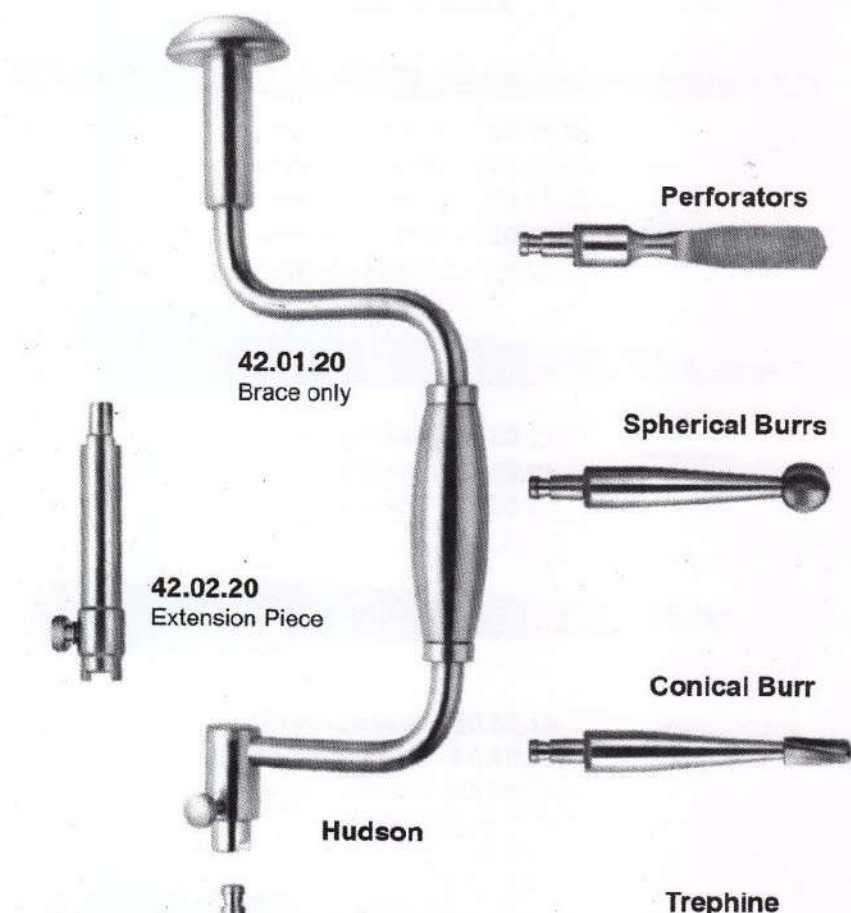
- 42.05.04 4 mm Tapered Tip with 3 Prongs
- 42.05.06 6 mm Tapered Tip with 4 Prongs



- 42.06.08 8 mm width
- 42.06.11 11 mm width
- 42.06.14 14 mm width
- 42.06.17 17 mm width



42.01.06
Leyla Retractor



10 mm **42.03.10**
12 mm **42.03.12**
15 mm **42.03.15**
18 mm **42.03.18**
20 mm **42.03.20**
24 mm **42.03.24**

11 mm **42.04.11**
13 mm **42.04.13**
16 mm **42.04.16**
19 mm **42.04.19**
22 mm **42.04.22**
25 mm **42.04.25**

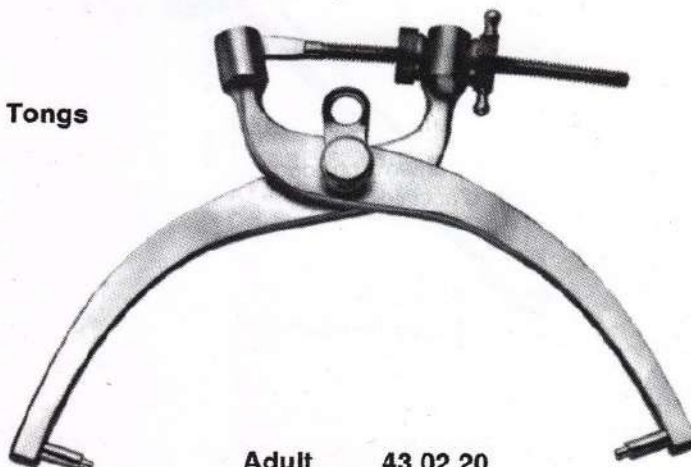
9 mm **42.05.09**
11 mm **42.05.11**
13 mm **42.05.13**
16 mm **42.05.16**



35 mm **42.06.35**
45 mm **42.06.45**
50 mm **42.06.50**



Skull Tongs

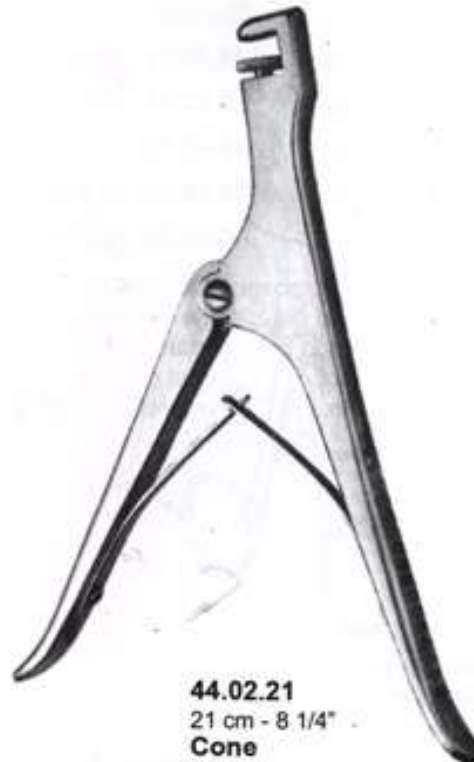


Adult **43.02.20**
Paediatric **43.03.20**
Crutchfield

Skull Chanelling Forceps



Skull Punch



Guide

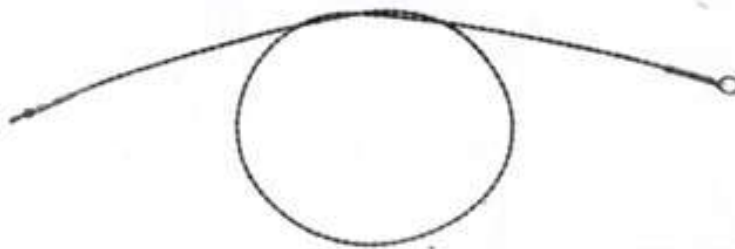
flexible



**De Martel
(Bailey)**

	Adult	Paed.
5 mm	45.02.05	45.03.05
7 mm	45.02.07	

Saw Wire



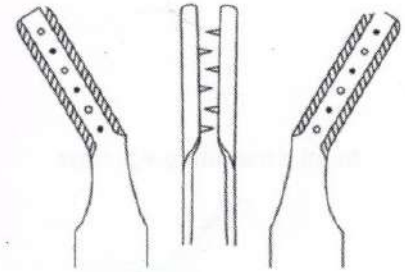
45.01.01
Gigli (Olivecrona)

Saw Wire Handle



45.02.01
Gigli

Galea Hooks

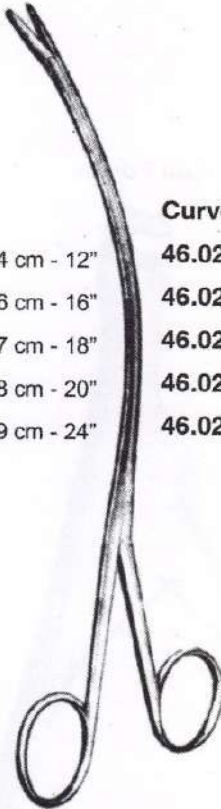
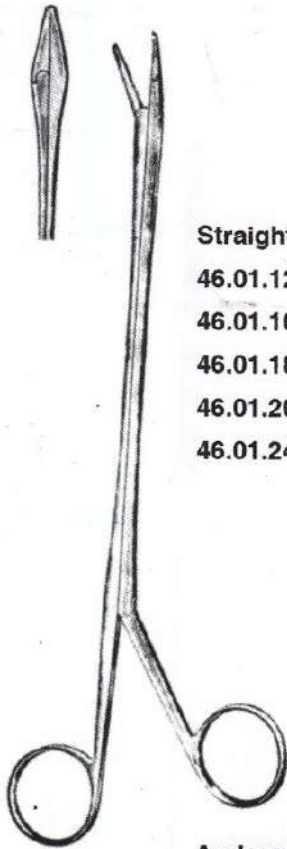


Straight

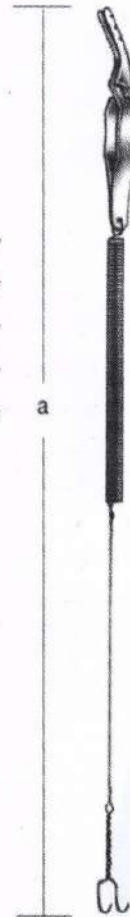
46.01.12 30.4 cm - 12"
46.01.16 40.6 cm - 16"
46.01.18 45.7 cm - 18"
46.01.20 50.8 cm - 20"
46.01.24 60.9 cm - 24"

Curved

46.02.12 30.4 cm - 12"
46.02.16 40.6 cm - 16"
46.02.18 45.7 cm - 18"
46.02.20 50.8 cm - 20"
46.02.24 60.9 cm - 24"



**Anderson - Brand
Shunt Tunneler**



Yasargil

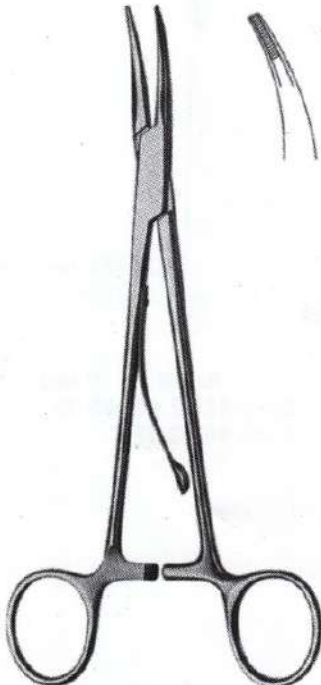


47.01.31
a = 31 cm - 12 1/8"

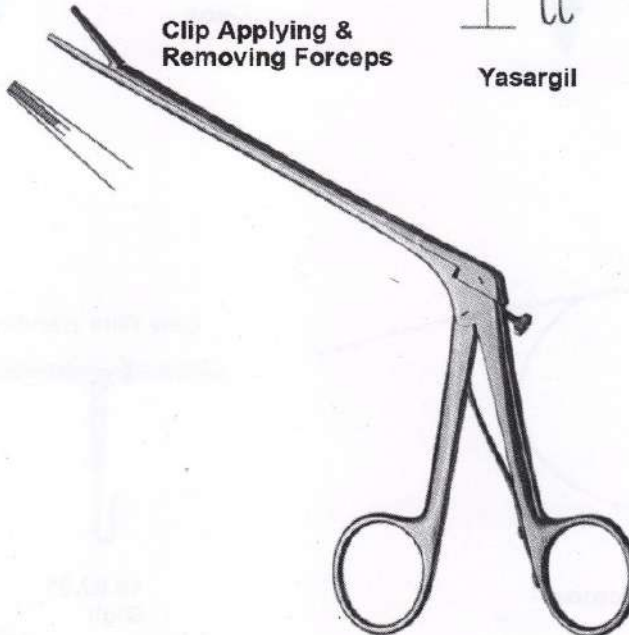


47.01.41
a = 41 cm - 16"

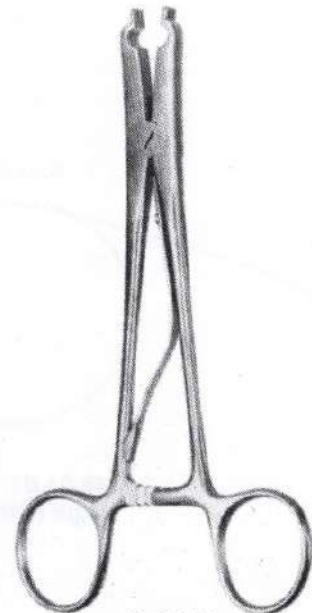
**Clip Applying &
Removing Forceps**



48.01.15 15 cm - 6"
48.01.18 18 cm - 7"
McKenzie

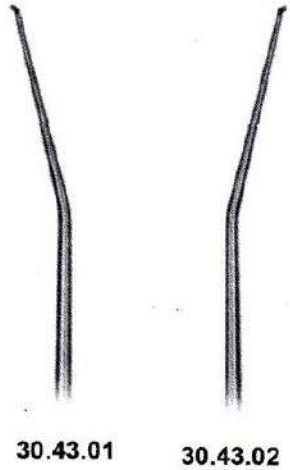


48.02.14 14 cm - 5 1/2"
48.02.20 20 cm - 8"
Scoville



48.03.16
16 cm - 6 1/4"
Raney

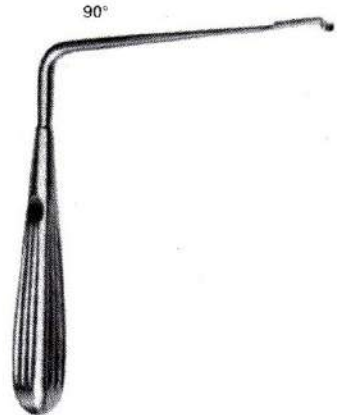
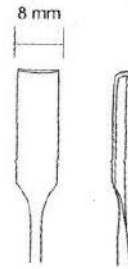
Nerve Root Retractors



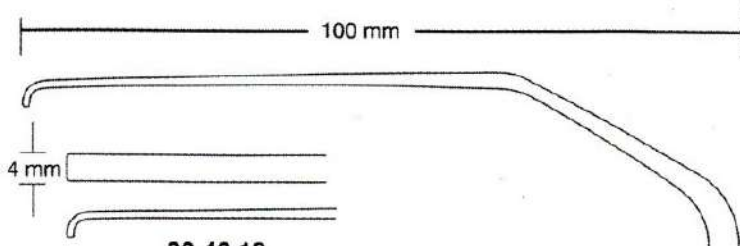
30.43.03
21 cm - 8 1/4"
Dandy



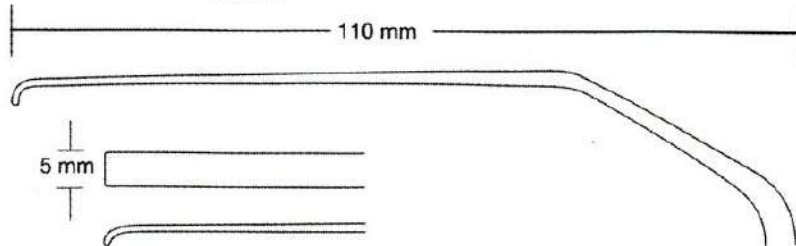
30.44.26
26 cm - 10 1/4"
Scoville



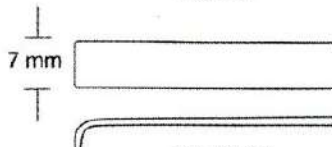
30.45.26
26 cm - 10 1/4"
Scoville



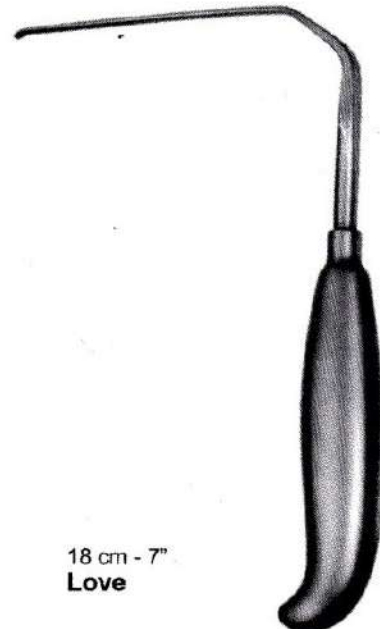
30.46.18
100 mm



30.47.18
110 mm



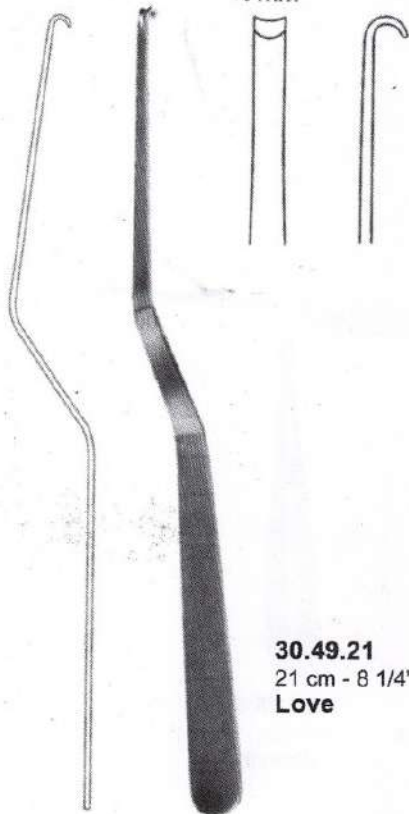
30.48.18
110 mm



18 cm - 7"
Love

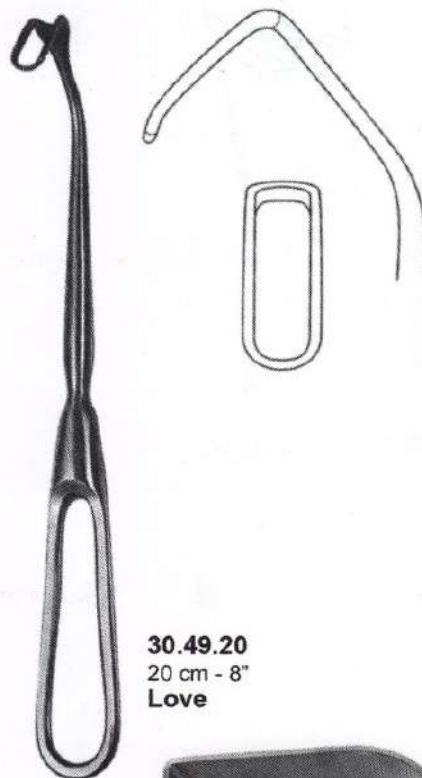
Nerve Root Retractors

4 mm



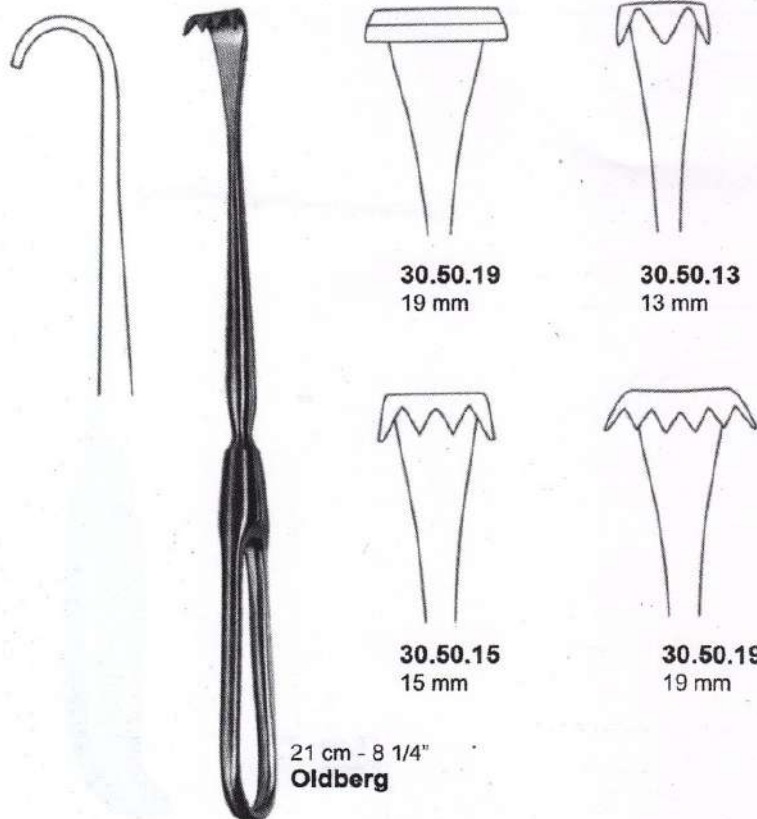
30.49.21
21 cm - 8 1/4"
Love

Decompression Hook



30.49.20
20 cm - 8"
Love

Decompression Hook



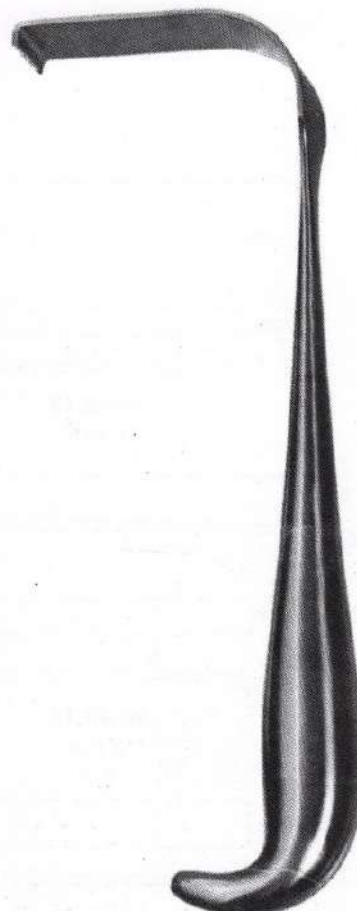
30.50.19
19 mm

30.50.13
13 mm

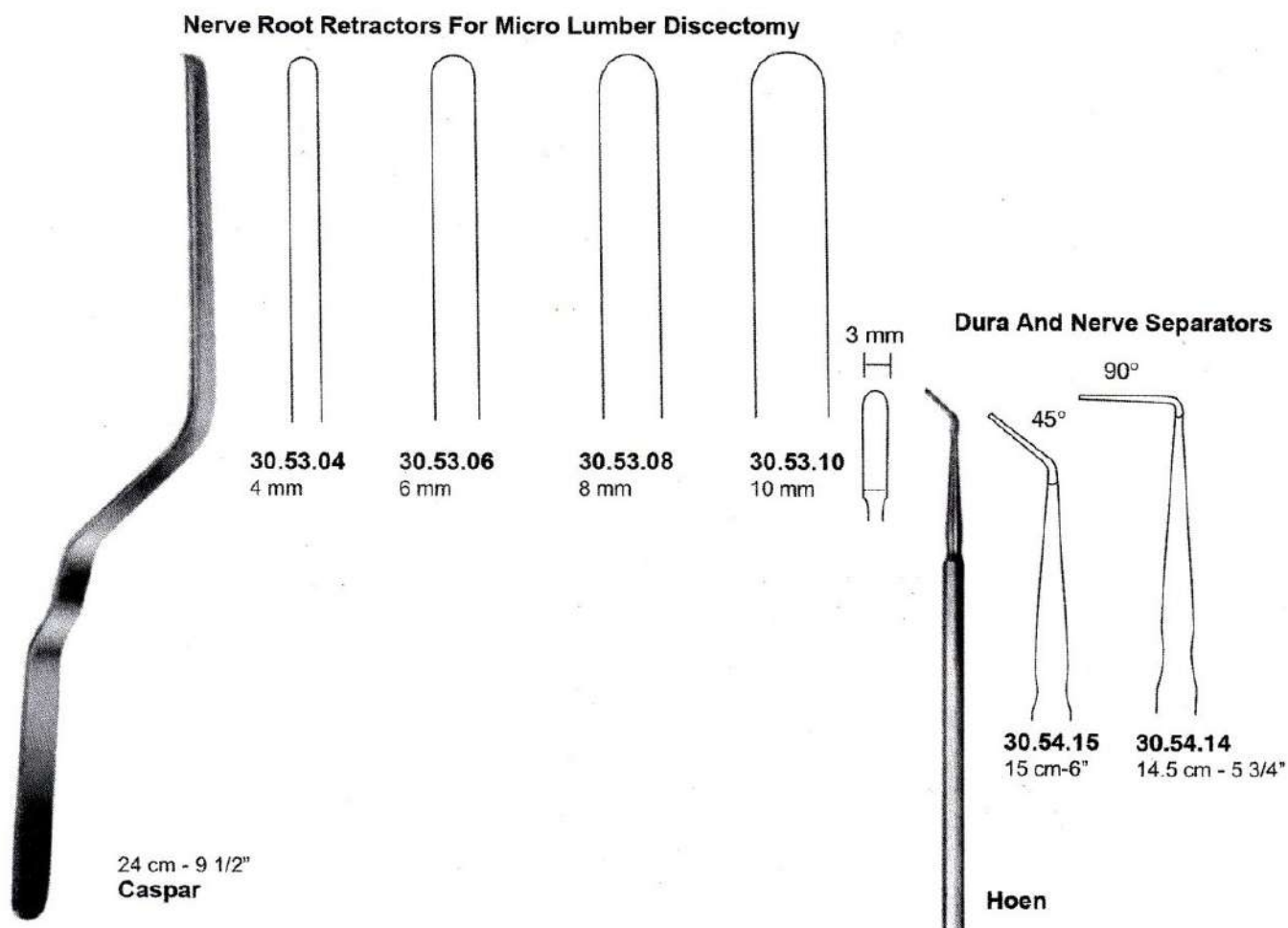
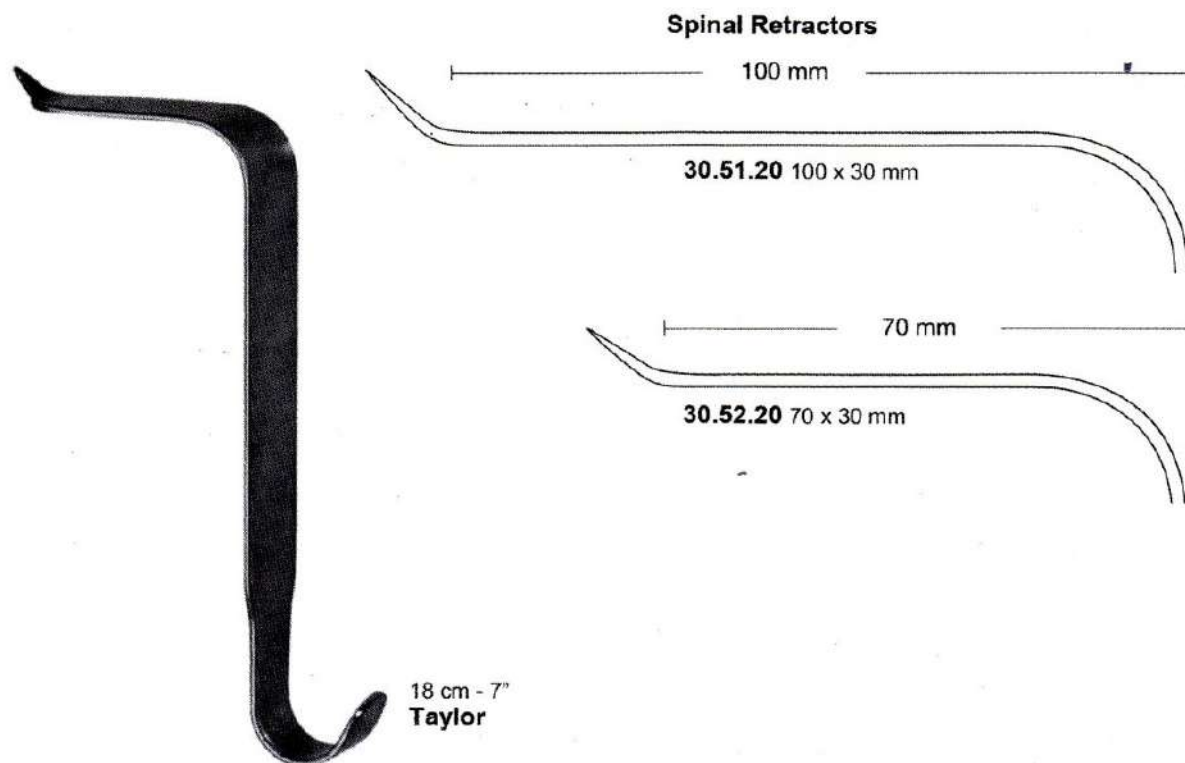
30.50.15
15 mm

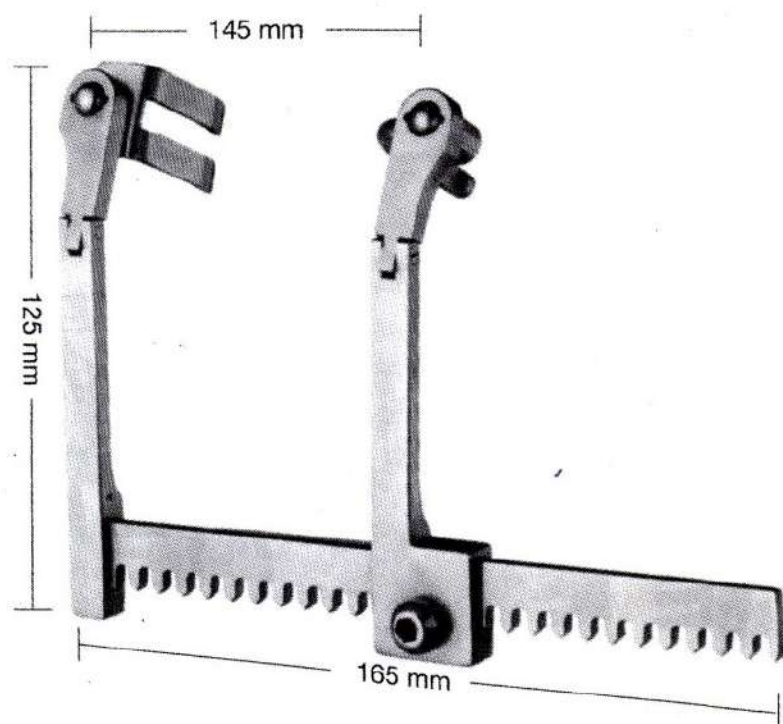
30.50.19
19 mm

21 cm - 8 1/4"
Oldberg



30.51.01
Meyerding





31.70.01
Caspar



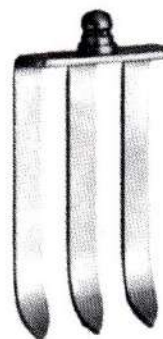
Hock only

- 31.70.03** 38 mm
31.70.04 58 mm

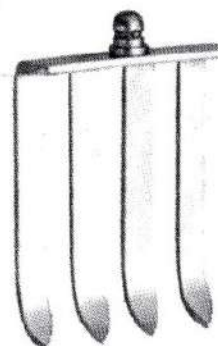


Blade only

- 31.70.05** 32 x 22 mm
31.70.06 37 x 22 mm
31.70.07 42 x 22 mm
31.70.08 47 x 22 mm
31.70.09 52 x 22 mm
31.70.10 57 x 22 mm
31.70.11 62 x 22 mm
31.70.12 67 x 22 mm



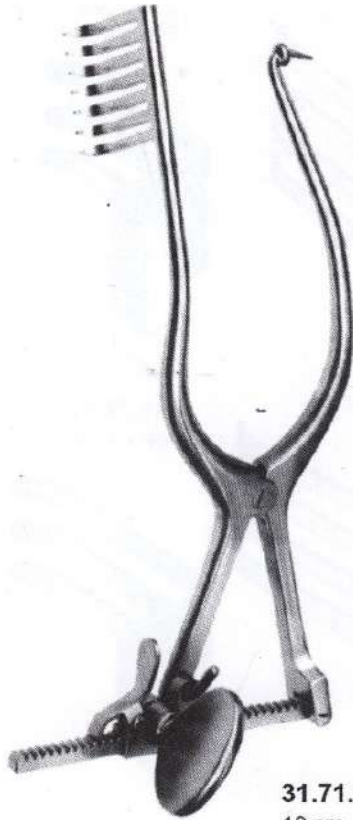
- 31.70.13** 32 x 37 mm
31.70.14 37 x 37 mm
31.70.15 42 x 37 mm
31.70.16 47 x 37 mm
31.70.17 52 x 37 mm
31.70.18 57 x 37 mm
31.70.19 62 x 37 mm
31.70.20 67 x 37 mm



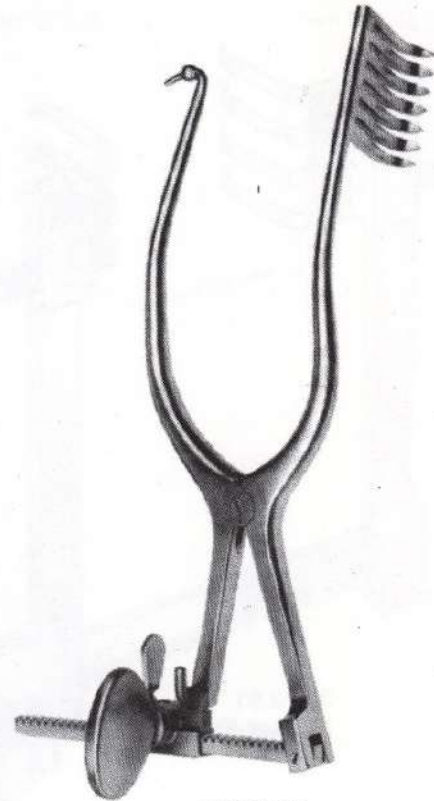
- 31.70.21** 32 x 52 mm
31.70.22 37 x 52 mm
31.70.23 42 x 52 mm
31.70.24 47 x 52 mm
31.70.25 52 x 52 mm
31.70.26 57 x 52 mm
31.70.27 62 x 52 mm
31.70.28 67 x 52 mm



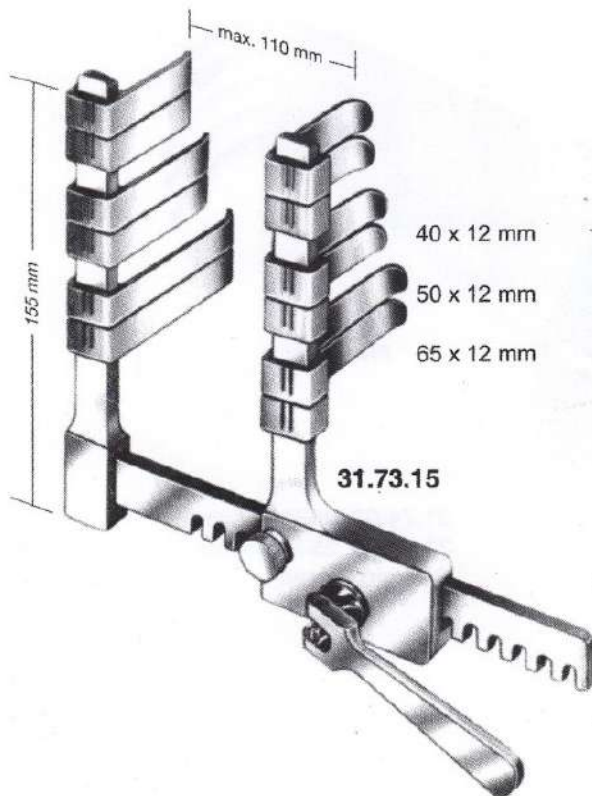
31.70.02
Key only

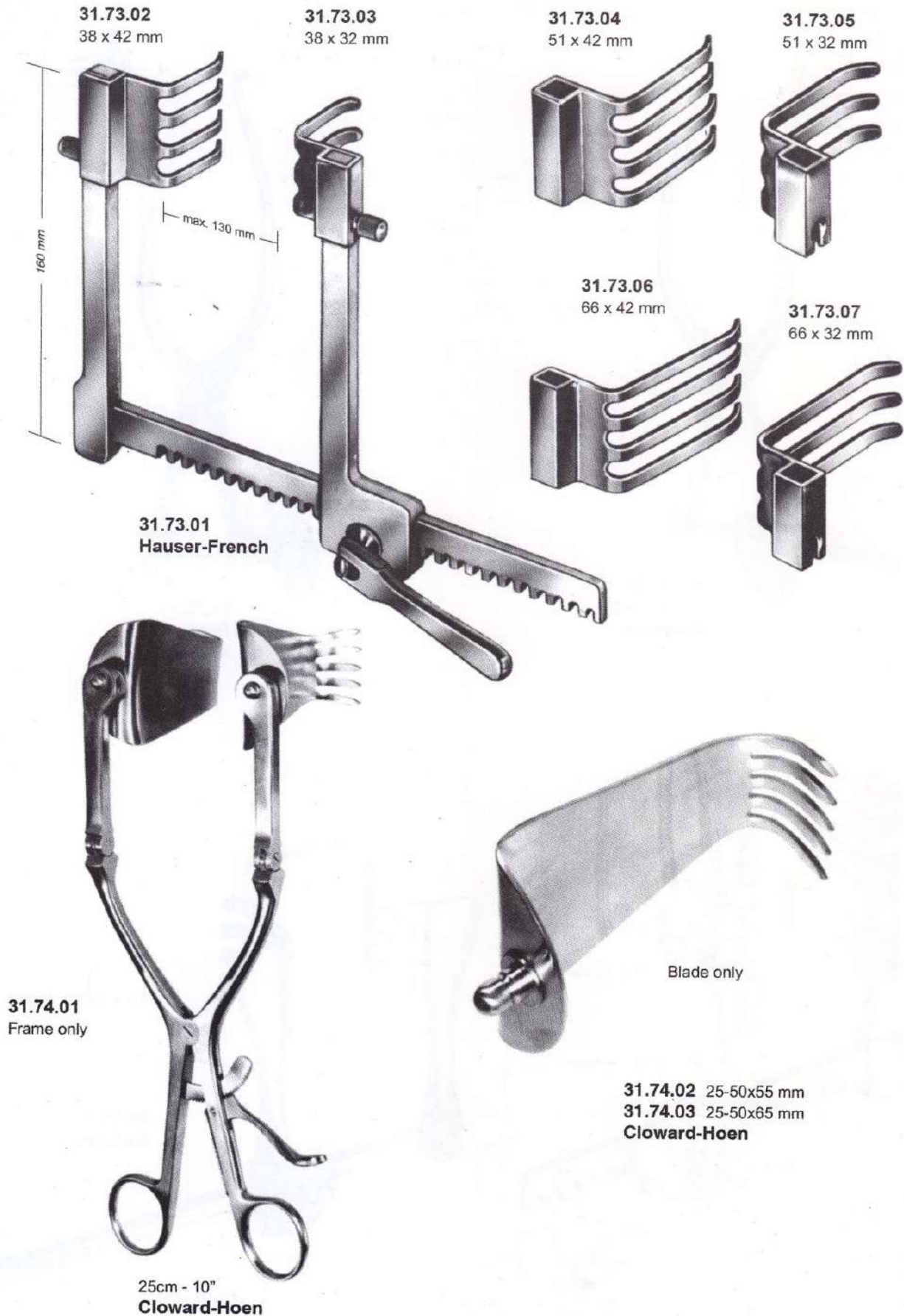


31.71.19
19 cm - 7 1/2"
Knighton



31.72.19
19 cm - 7 1/2"
Knighton







31.75.01
Scoville



31.75.02
Scoville-Haverfiels



31.75.03 50 mm
31.75.04 75 mm



31.75.05 50 mm
31.75.06 75 mm



31.75.07
44 x 38 mm
Taylor



31.75.08
67 x 47 mm
Taylor



31.75.09 65 x 25 mm
31.75.10 90 x 25 mm
31.75.11 65 x 30 mm
31.75.12 65 x 50 mm
Scoville



31.75.13 65 x 25 mm
31.75.14 75 x 25 mm
31.75.15 90 x 50 mm
Meyerdig-Scoville

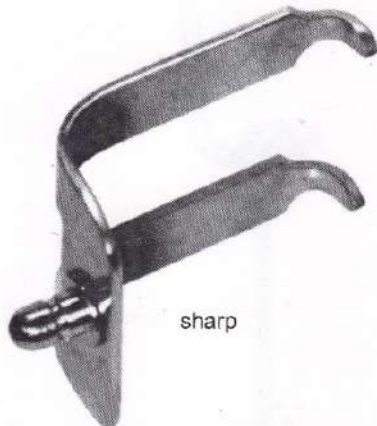


31.75.16 75 x 32 mm
31.75.17 100 x 42 mm
Taylor

max.spread 65 mm



31.76.01
27 cm - 10 3/4"
Hoehn



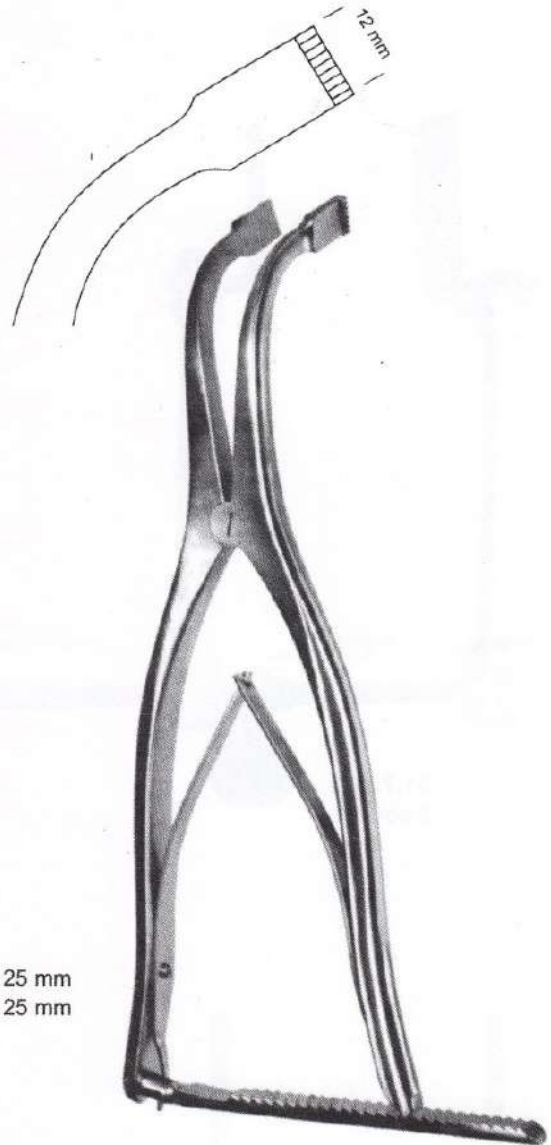
sharp

31.76.02 45 x 35 mm
31.76.03 45 x 45 mm
Hoehn

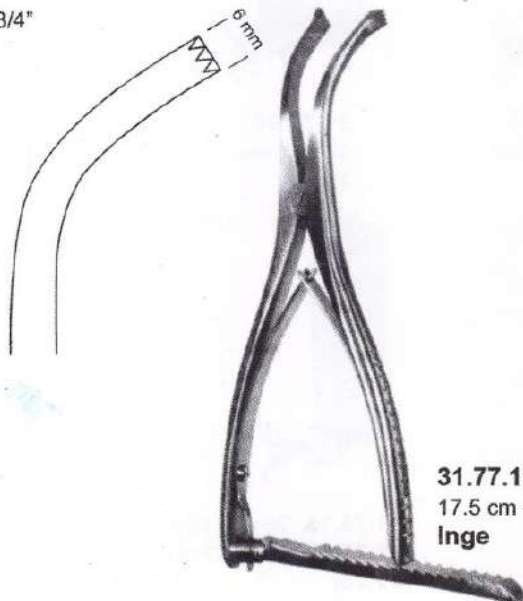


blunt

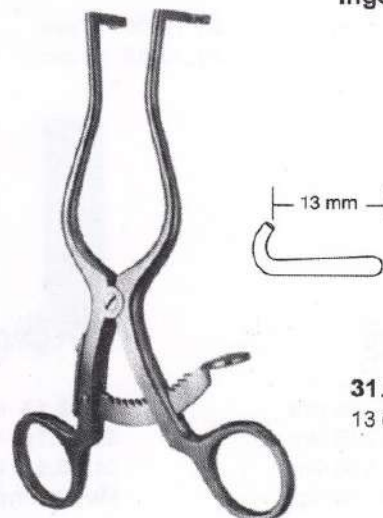
31.76.04 35 x 25 mm
31.76.05 45 x 25 mm
Hoehn



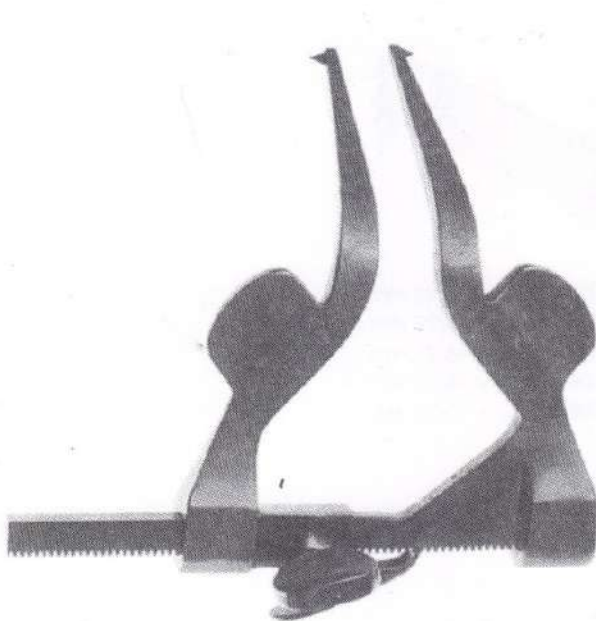
31.77.27
27 cm - 10 3/4"
Inge



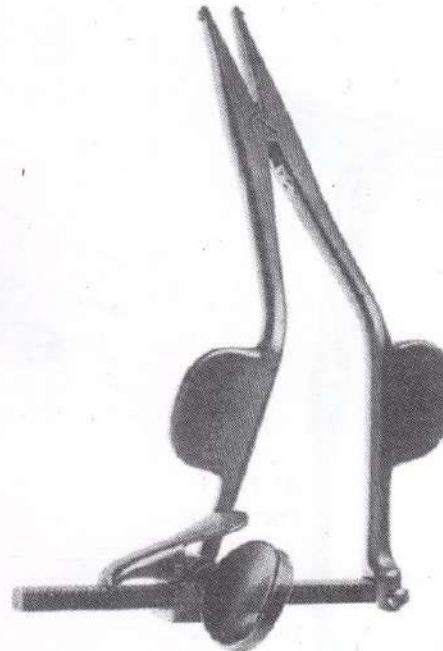
31.77.17
17.5 cm - 7"
Inge



31.77.13
13 cm - 5 1/8"



31.78.12
Cloward
Vertebral Spreader - Lumbar



31.78.13
Cloward
Vertebral Spreader - Cervical



Left 31.81.01
Right 31.81.02
Caspar
Vertebral Body Distractor



31.81.03
Drill Guide



31.81.04 14 mm
31.81.05 16 mm
31.81.06 18 mm
Distraction Screw



31.81.07
Screw Driver



31.78.01
Frame only

25 cm - 10"
Cloward



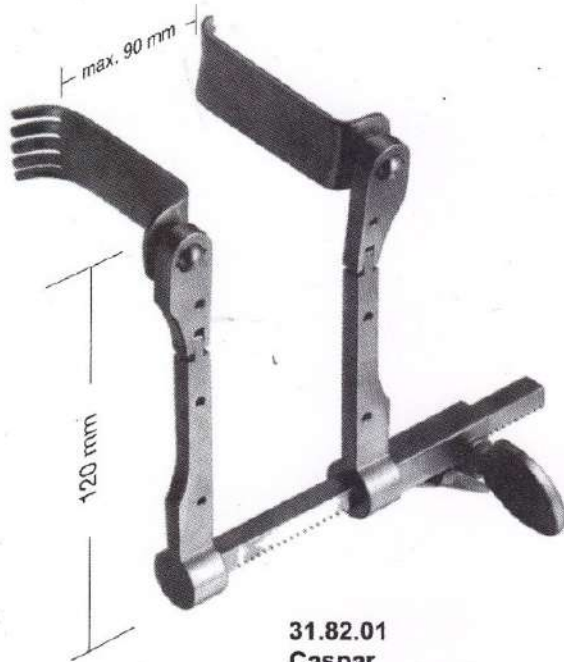
- 31.79.07** 40 x 15/23 mm
- 31.79.08** 45 x 15/23 mm
- 31.79.09** 45 x 15/23 mm
- 31.79.10** 55 x 15/23 mm
- 31.79.11** 60 x 15/23 mm



31.79.01
13 cm - 5 1/8"
Cloward



- 31.79.02** 40 x 15/23 mm
- 31.79.03** 45 x 15/23 mm
- 31.79.04** 50 x 15/23 mm
- 31.79.05** 55 x 15/23 mm
- 31.79.06** 60 x 15/23 mm



31.82.01
Caspar
Spreader without blades

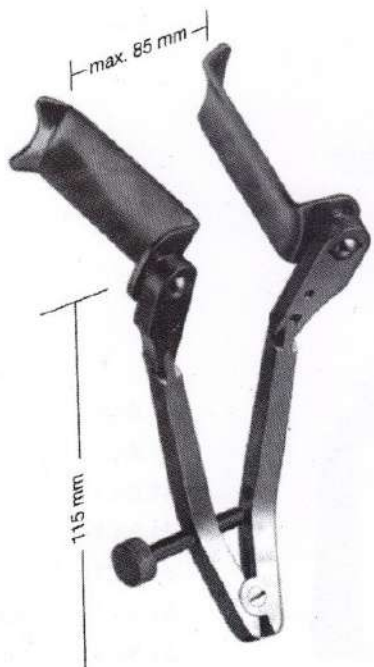


- 31.82.04** 40 x 23 mm
- 31.82.05** 45 x 23 mm
- 31.82.06** 50 x 23 mm
- 31.82.07** 55 x 23 mm
- 31.82.08** 60 x 23 mm



Lateral blades

- 31.82.09** 40 x 23 mm
- 31.82.10** 45 x 23 mm
- 31.82.11** 50 x 23 mm
- 31.82.12** 55 x 23 mm
- 31.82.13** 60 x 23 mm



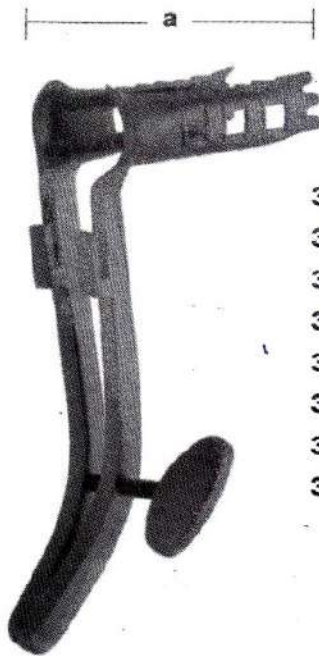
31.82.02
Caspar
Spreader without blades



31.82.03
Caspar
Spreader without blades

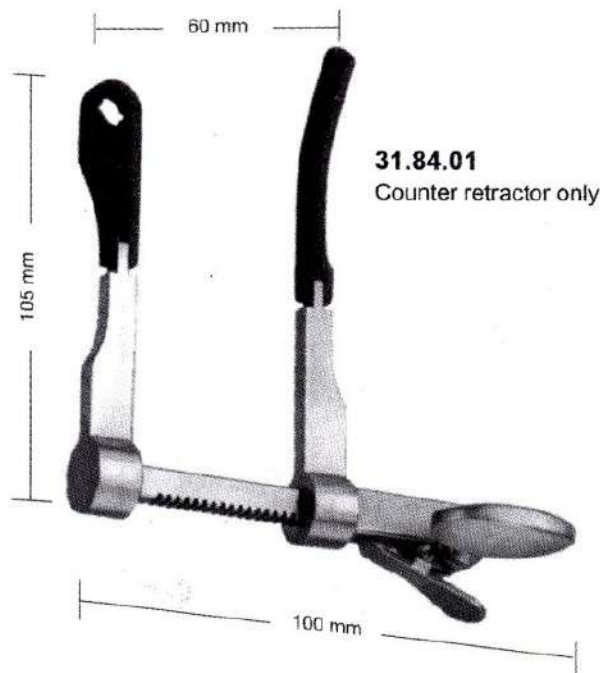


- 31.82.14** 40 x 23 mm
- 31.82.15** 45 x 23 mm
- 31.82.16** 50 x 23 mm
- 31.82.17** 55 x 23 mm
- 31.82.18** 60 x 23 mm



Caspar

- 31.83.40** 40 mm
- 31.83.45** 45 mm
- 31.83.50** 50 mm
- 31.83.55** 55 mm
- 31.83.60** 60 mm
- 31.83.65** 65 mm
- 31.83.75** 75 mm
- 31.83.85** 85 mm



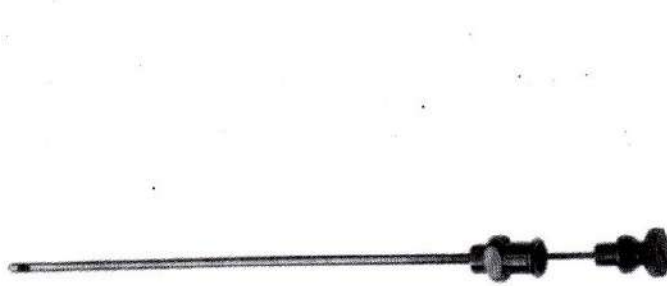
31.84.01
Counter retractor only



- 31.84.02** 35 mm
- 31.84.03** 40 mm
- 31.84.04** 45 mm
- 31.84.05** 50 mm
- 31.84.06** 55 mm
- 31.84.07** 60 mm
- 31.84.08** 65 mm
- 31.84.09** 75 mm
- 31.84.10** 85 mm



- 31.84.11** 35 mm
- 31.84.12** 40 mm
- 31.84.13** 45 mm
- 31.84.14** 50 mm
- 31.84.15** 55 mm
- 31.84.16** 60 mm
- 31.84.17** 65 mm



57.28.12 12 G 90mm - 3 1/2"
57.28.14 14 G 90mm - 3 1/2"
57.28.16 16 G 90mm - 3 1/2"

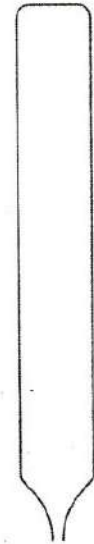
Cones

Ventricular Drainage Cannula
With Stilltte. Graduated



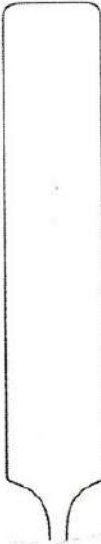
22 cm - 8 3/4"
Scoville

10 mm



57.27.10

13 mm



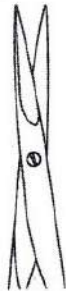
57.27.13

Brain Spatula Forceps

Micro Scissors



19.5 cm - 7 3/4"
Yasargil



13.50.20



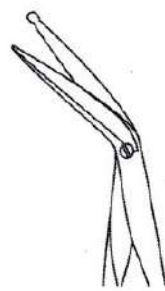
13.50.21



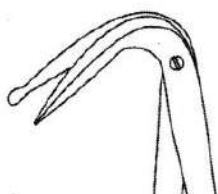
13.50.22



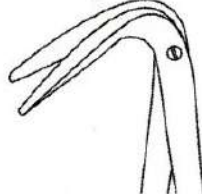
13.50.23



13.50.24



13.50.25
Circumflex 125



13.50.26
Circumflex 125

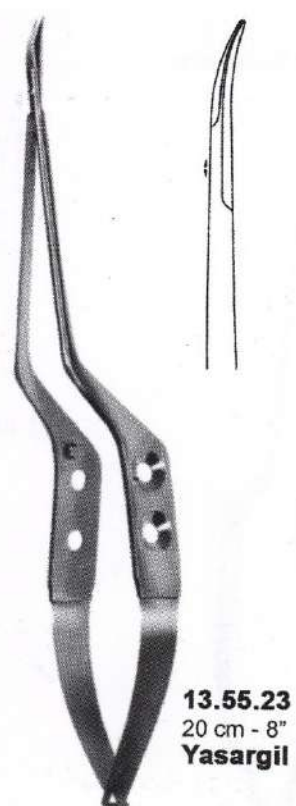
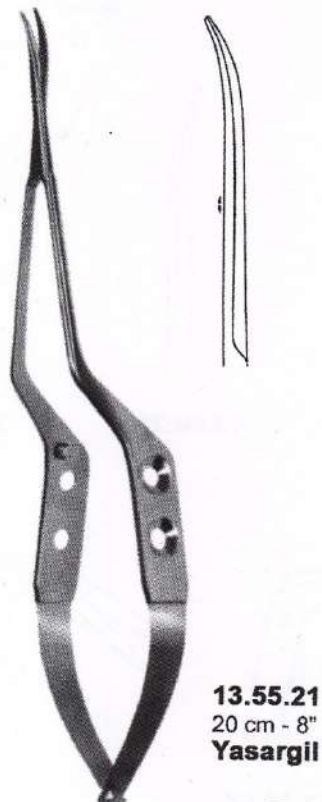
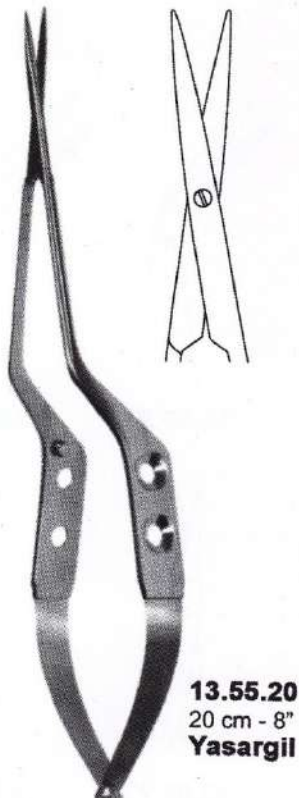
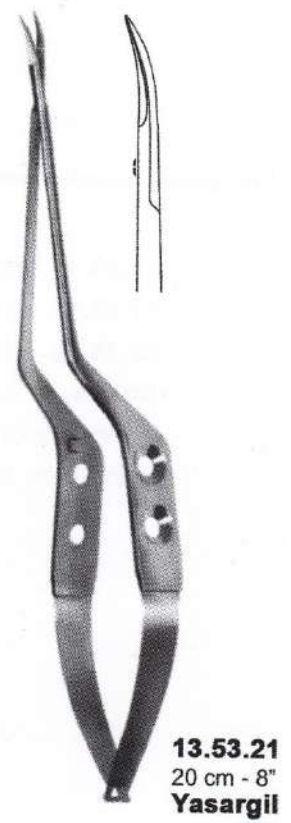
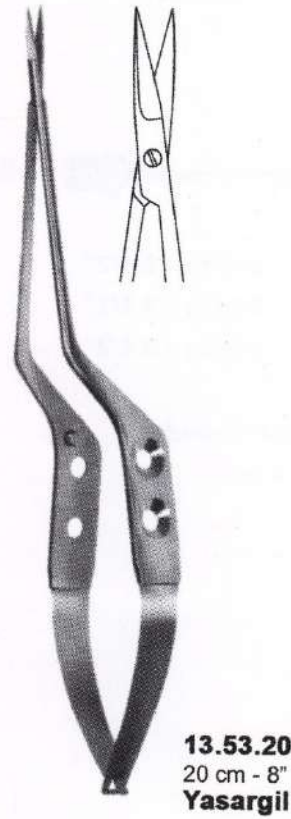
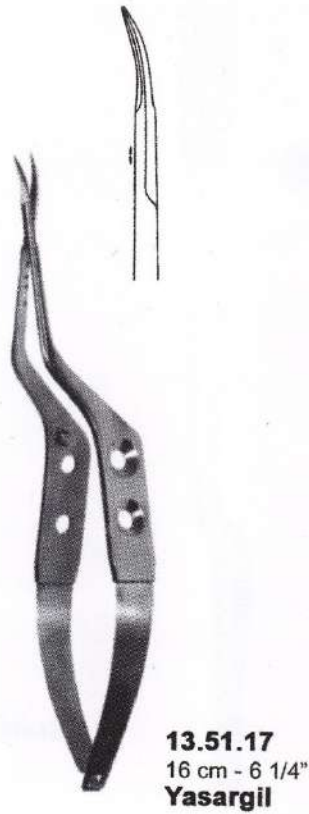
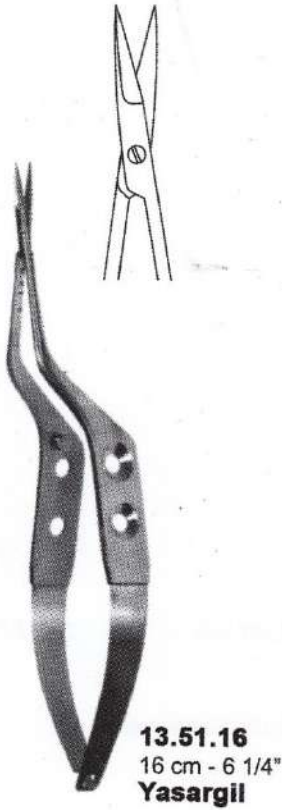


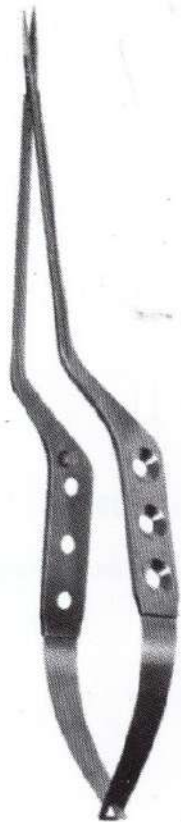
13.50.27



13.50.28

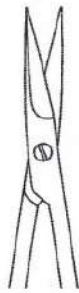
Micro Scissors





13.57.23

23 cm - 9"
Yasargil



13.57.24



13.59.23

23 cm - 9"
Yasargil



13.59.24



13.61.23

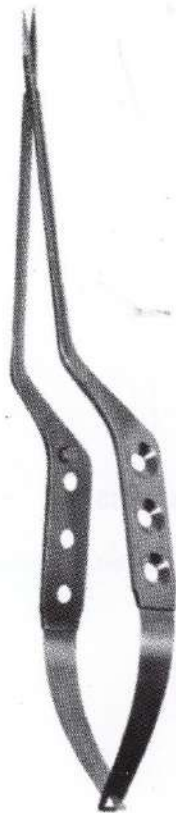
23 cm - 9"
Yasargil



13.61.24

23 cm - 9"
Yasargil





13.57.23

23 cm - 9"
Yasargil



13.57.24



13.59.23

23 cm - 9"
Yasargil

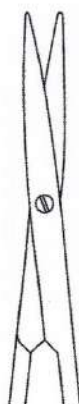


13.59.24



13.61.23

23 cm - 9"
Yasargil



13.61.24

23 cm - 9"
Yasargil



Micro Forceps

0.6 mm

0.9 mm

0.6 mm

0.9 mm

0.6 mm

0.9 mm



14.24.09

14.24.10

14.24.11

14.24.12

14.24.13

14.24.14



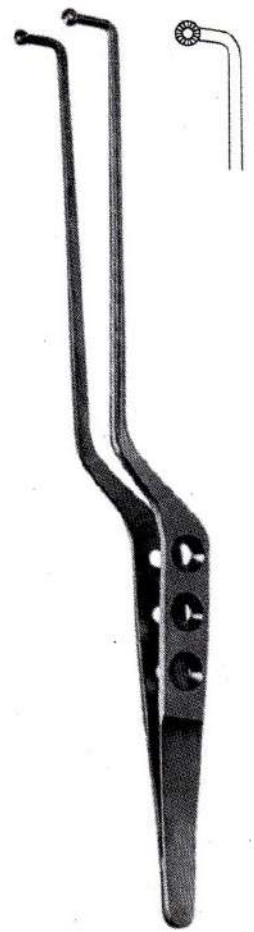
22 cm - 8 3/4"
Yasargil



23 cm - 9"
Yasargil

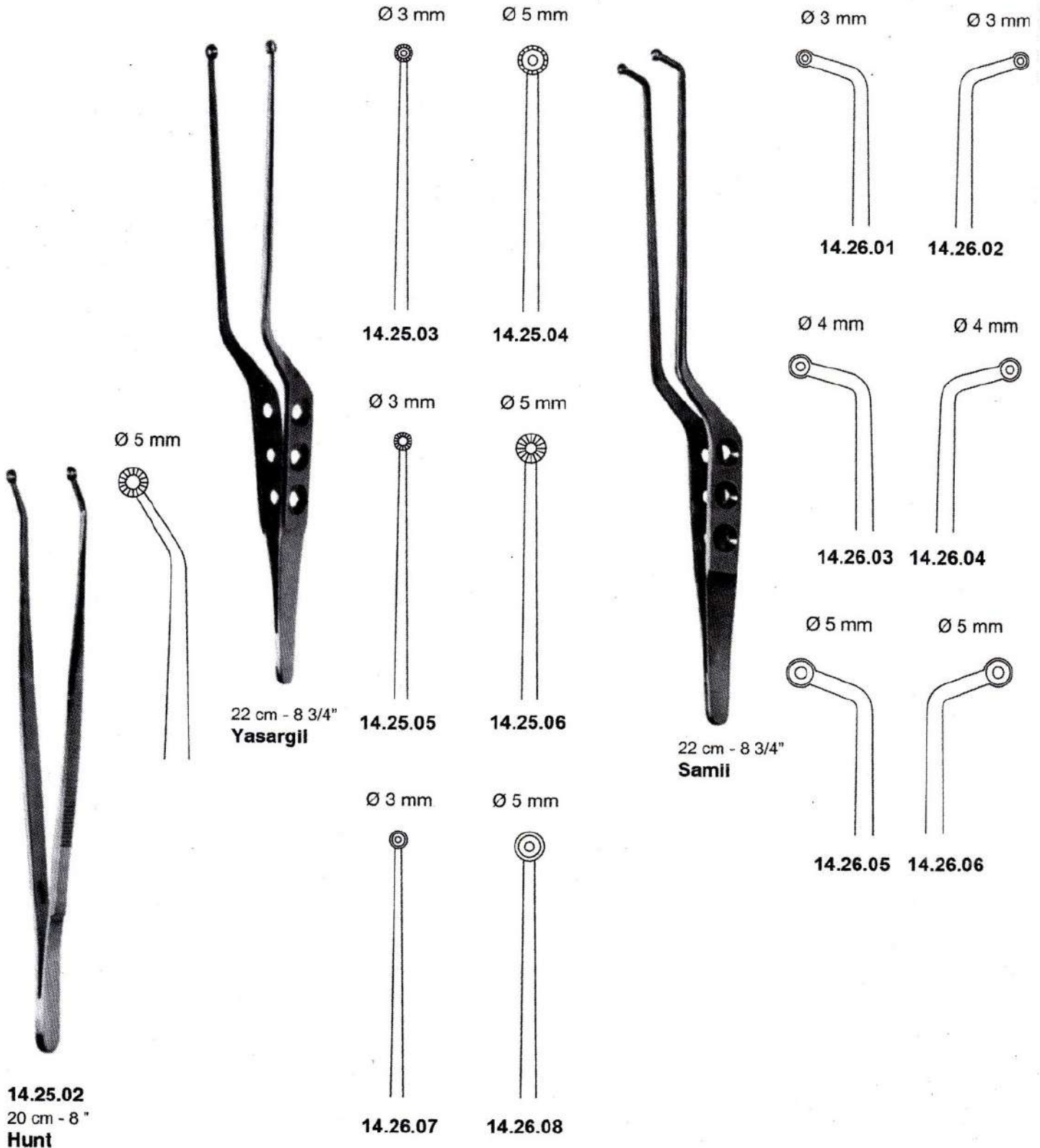


24 cm - 9 1/2"
Yasargil

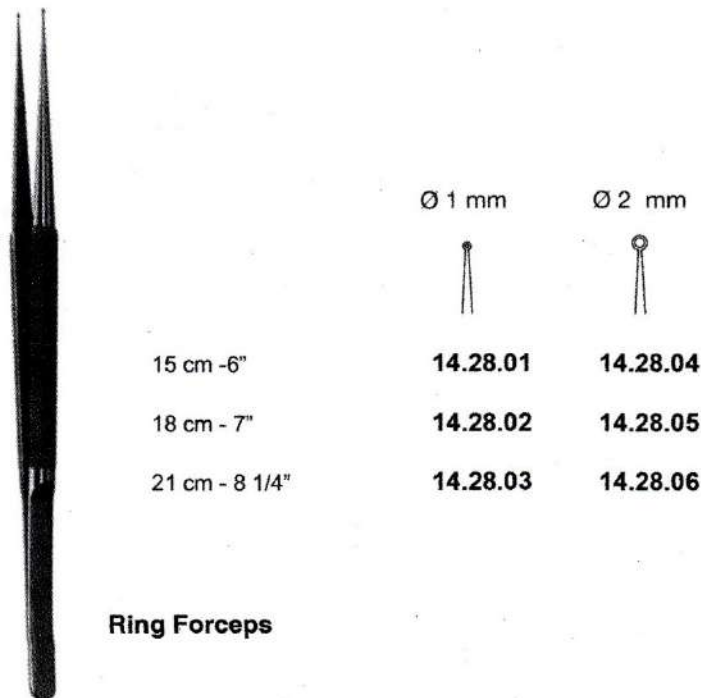
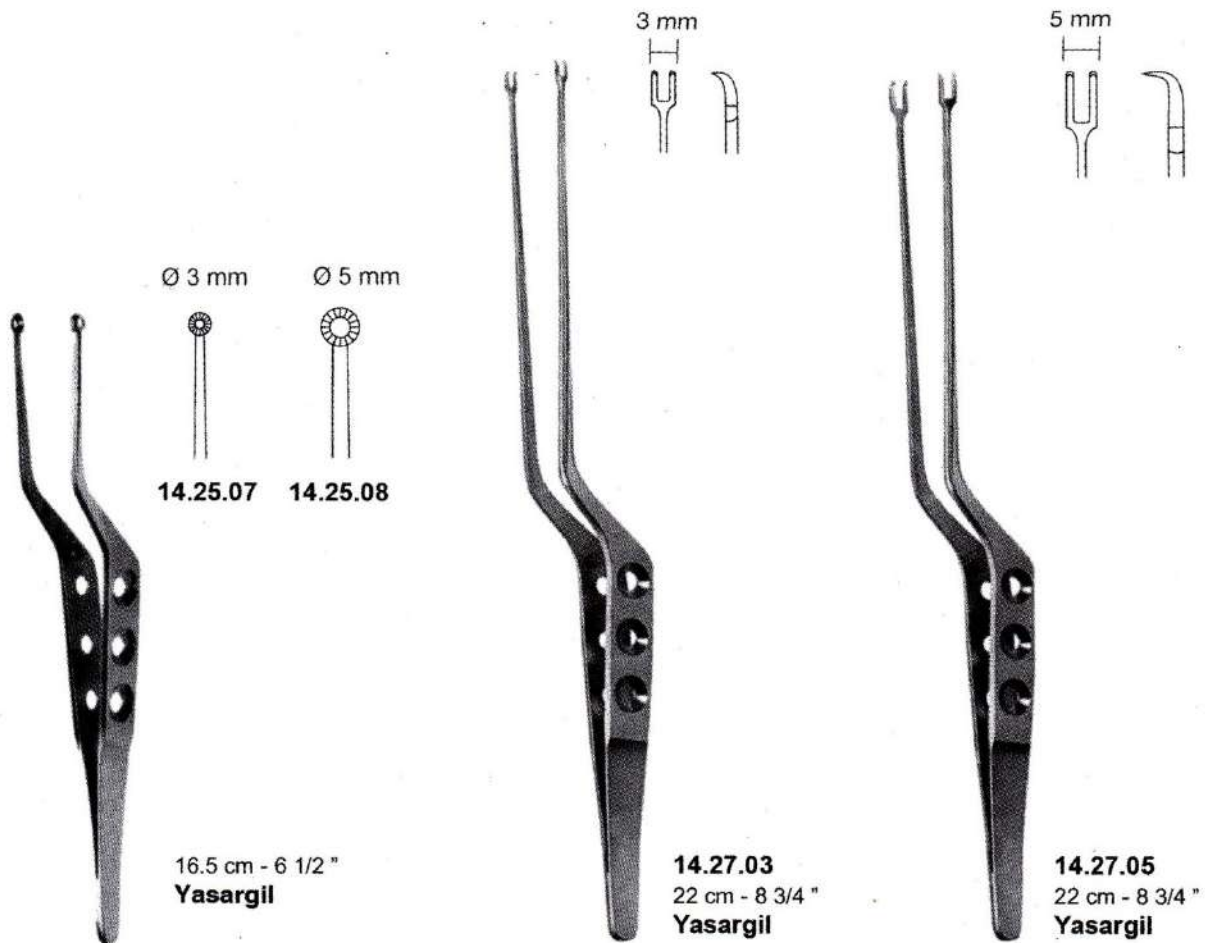


14.25.01
22 cm - 8 3/4"
Yasargil

Tumor Grasping Forceps

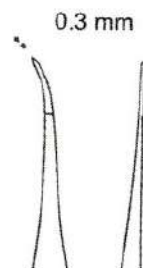
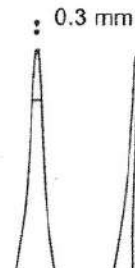
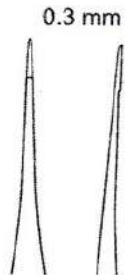


Tumor Grasping Forceps



Ring Forceps

Micro Suture Tying Forceps



12 cm - 4 3/4"

14.29.01

14.29.04

14.29.07

14.29.10

15 cm - 6"

14.29.02

14.29.05

14.29.08

14.29.11

18 cm - 7"

14.29.03

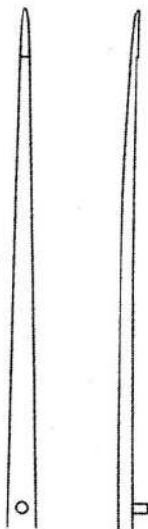
14.29.06

14.29.09

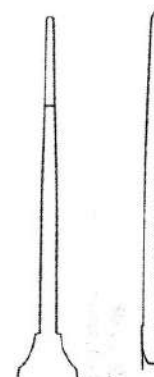
14.29.12

1 x 2 Teeth

0.6 mm



0.8 mm



14.30.01
23 cm - 9"



14.31.01
18 cm - 7"
Austin



18.15.01



18.15.02

18.5 cm - 7 1/4"
Yasargil

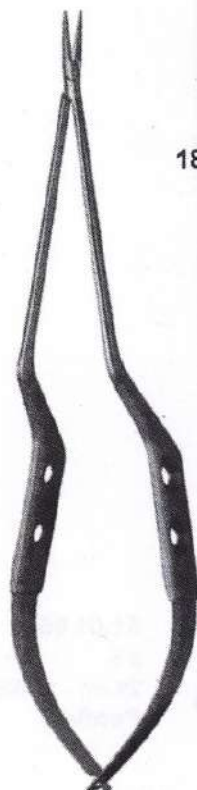


18.16.03



18.16.04

23 cm - 9"
Yasargil

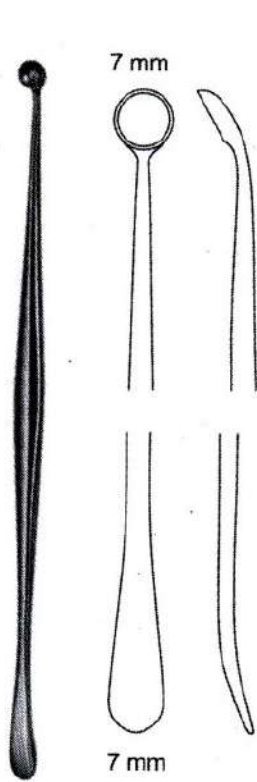


18.17.01

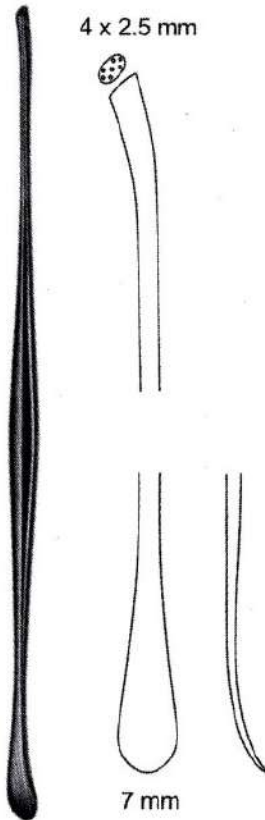


18.17.02

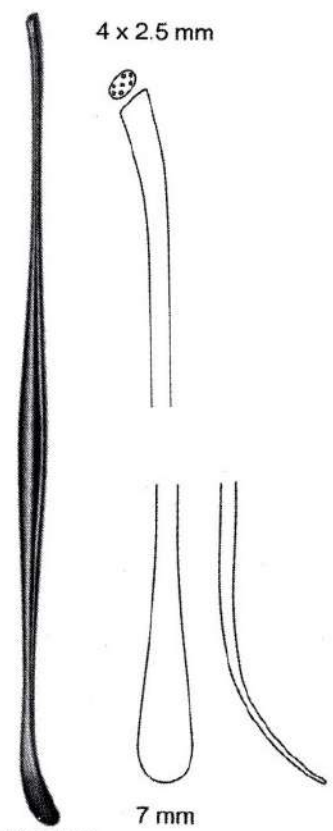
20 cm - 8"
Yasargil



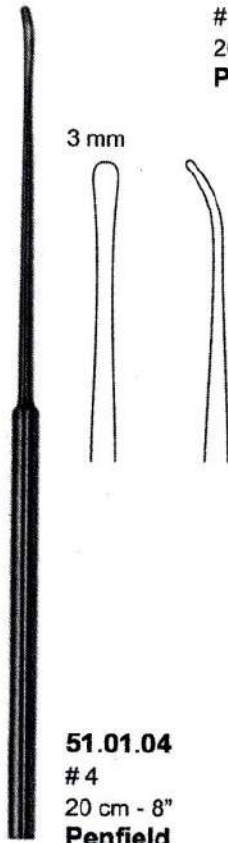
51.01.01
1
18 cm - 7"
Penfield



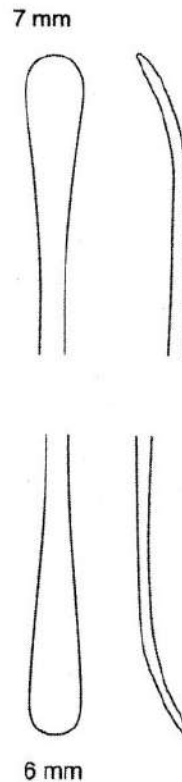
51.01.02
2
20 cm - 8"
Penfield



51.01.03
3
20 cm - 8"
Penfield

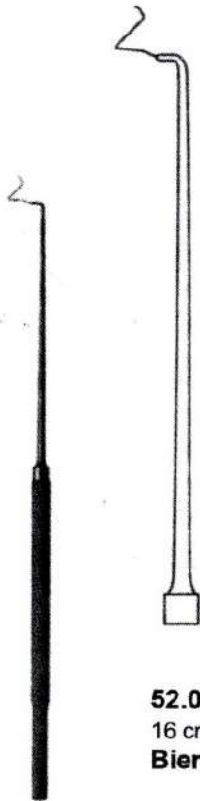


51.01.04
4
20 cm - 8"
Penfield



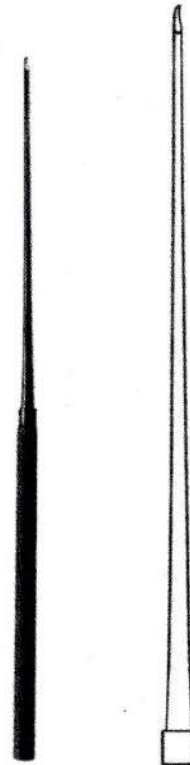
51.01.05
5
29 cm - 11 3/8"
Penfield

Vessel spreader



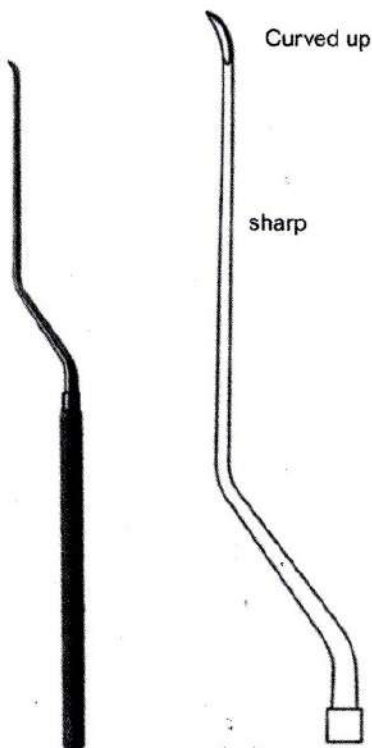
52.01.01
16 cm - 6 1/4"
Biemer

Vessel knife



52.02.01
18.5 cm - 7 1/4"
Jacobson

Vessel knife



Koos
18.5 cm - 7 1/4"

Curved up

sharp

52.02.03

blunt

52.02.04

Curved down

sharp

52.02.05

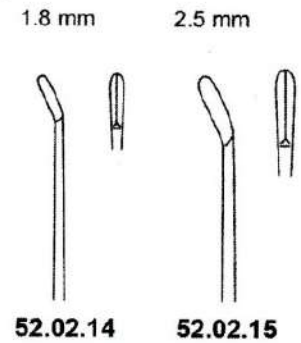
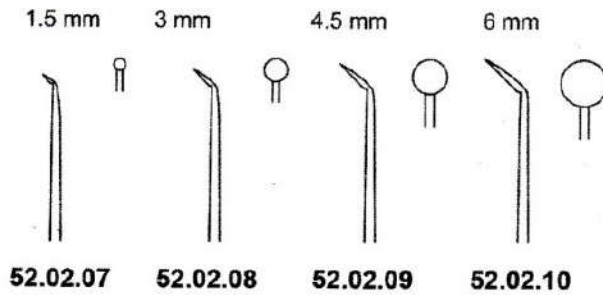
blunt

52.02.06

Tumor Knives



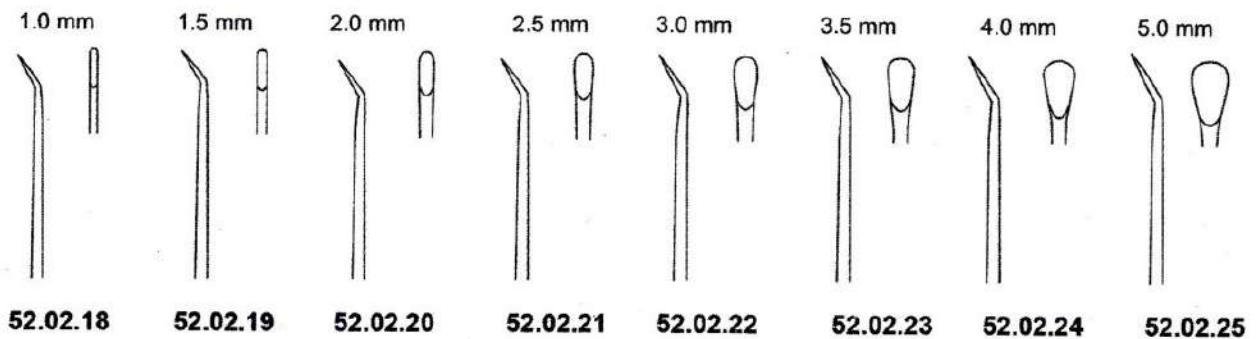
23 cm - 9"
Samii

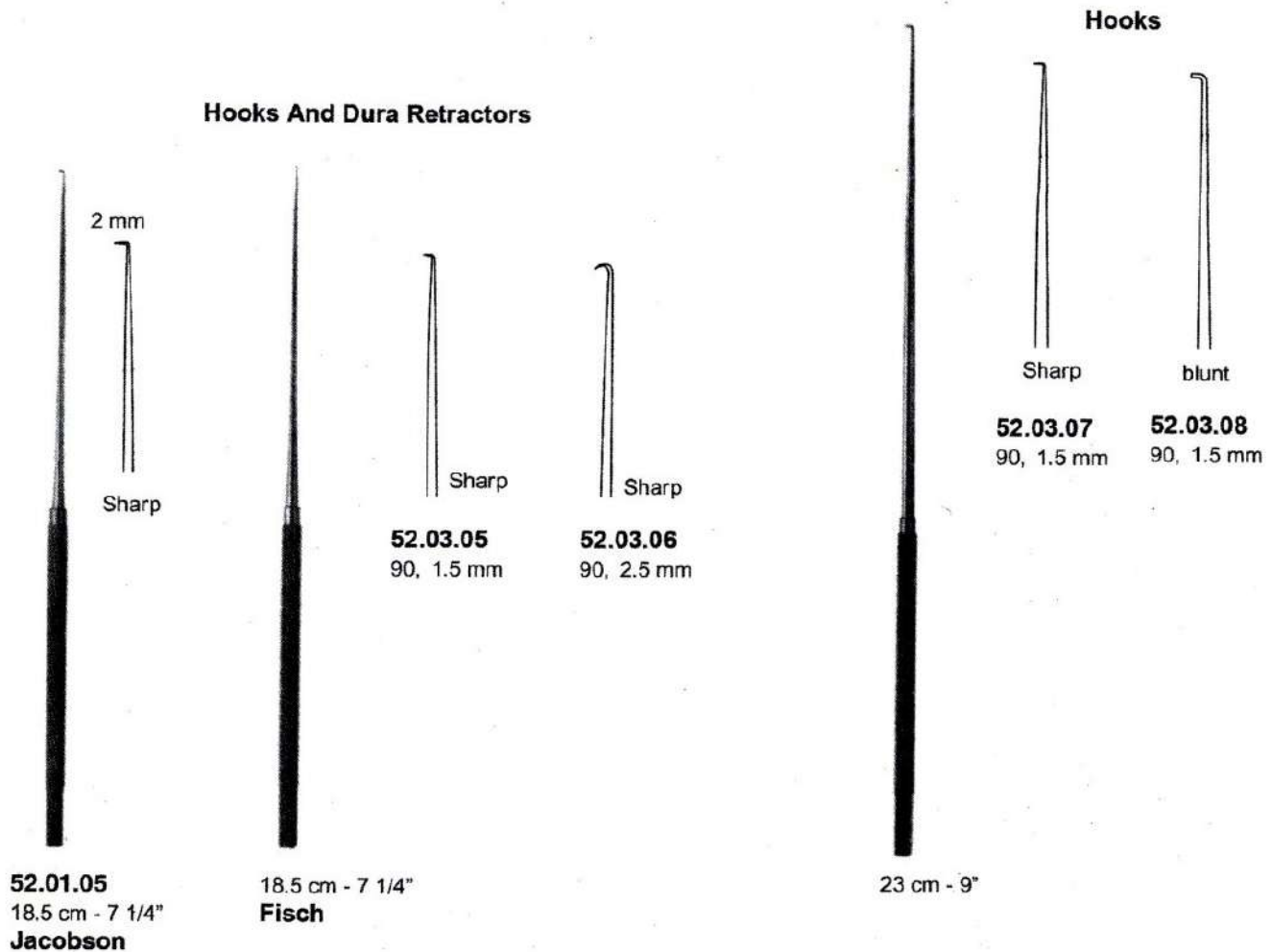
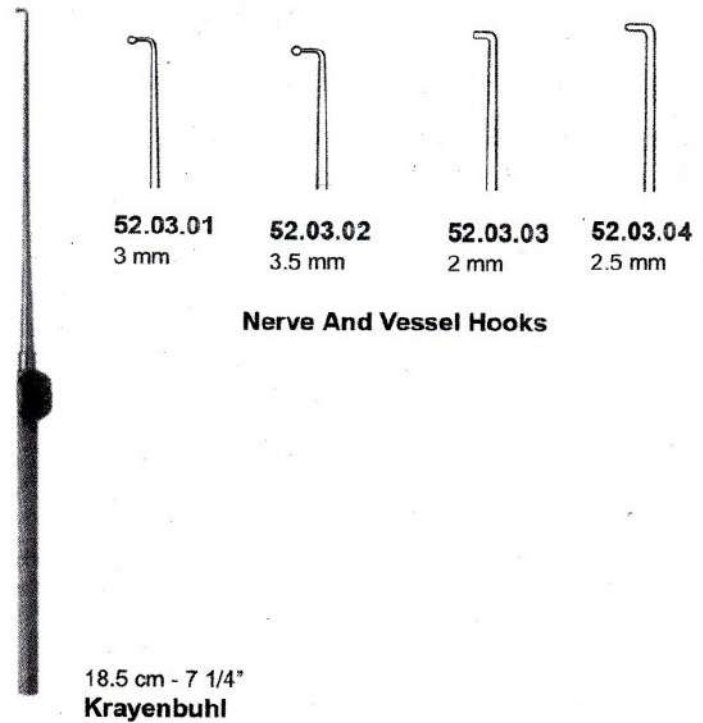
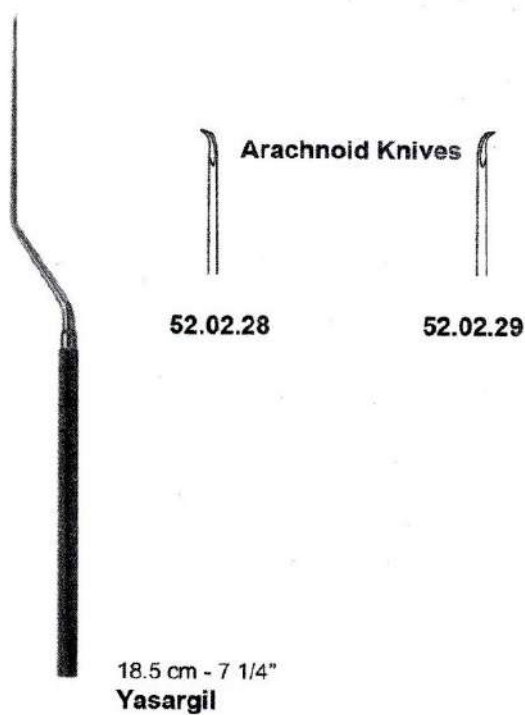


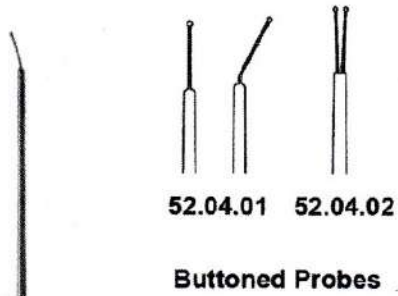
23 cm - 9"
Samii



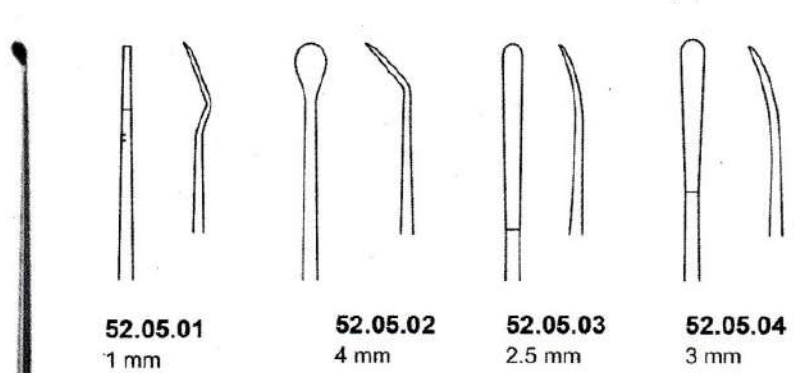
23 cm - 9"
Samii



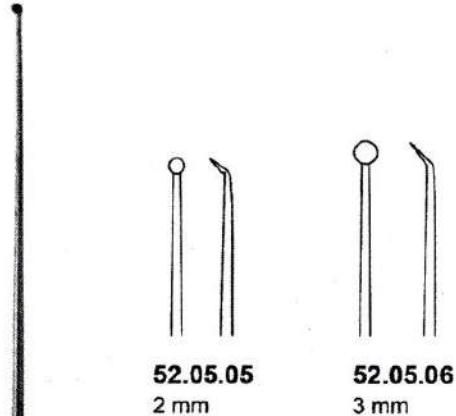




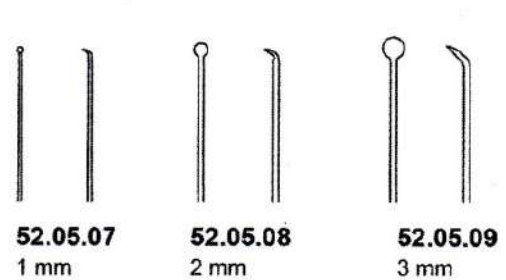
18.5 cm - 7 1/4"
Jacobson



18.5 cm - 7 1/4"
Yasargil



23 cm - 9"



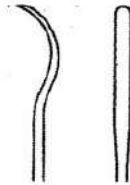
19 cm - 7 1/2"
Rhoton



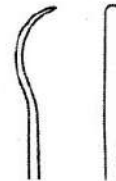
18.5 cm - 7 1/4"
Yasargil



52.05.10
2.5 mm



52.05.11
2 mm



52.05.12
2 mm

Raspatories

Dissectors

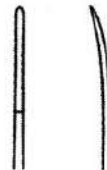


52.05.13
2.5 mm
18.5 cm - 7 1/4"
Yasargil



23 cm

semi-sharp



52.05.14
1.0 mm



52.05.15
1.4 mm



52.05.16
1.8 mm

Dissectors



19 cm - 7 1/2"
Rhoton



52.05.17
1 mm



52.05.18
1.5 mm



52.05.19
2 mm



52.05.20
1.2 mm



52.05.21
2.8 mm



23 cm - 9"
Caspar



52.06.24
2 mm



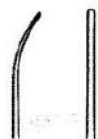
52.06.25
4.5 mm



52.06.26
4.5 mm



20 cm - 8"
Caspar



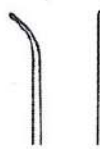
52.05.22
1 mm



21 cm - 8 1/4"
Caspar

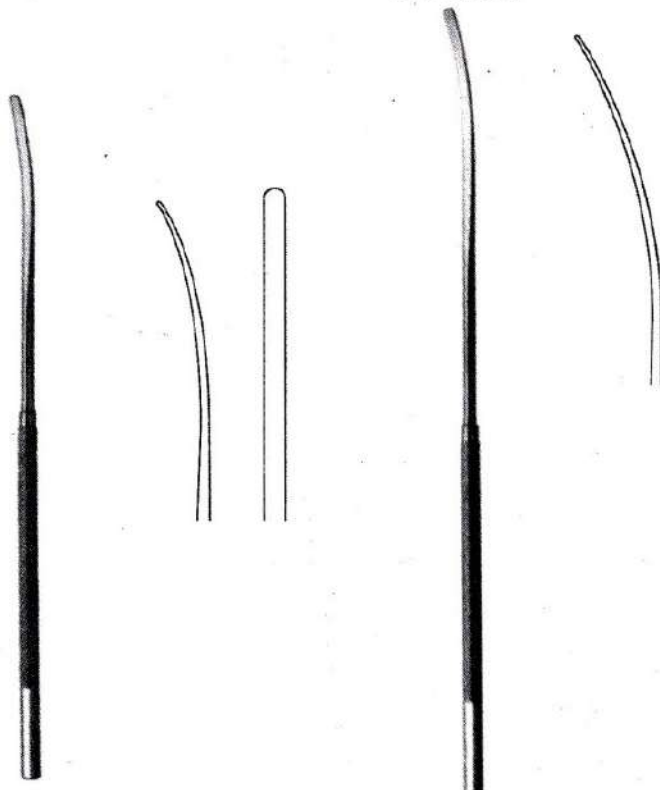


52.05.23
1 mm



52.05.24
1 mm

Dissectors

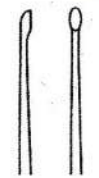


52.05.27
18.5 cm - 7 1/4"

52.05.28
21.5 cm - 8 1/2"

52.06.01
18.5 cm - 7 1/4"

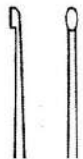
Curettes



sharp

1.5 mm

Curettes

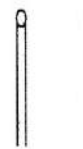


52.06.02
1.5 mm



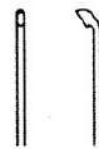
52.06.03
1.5 mm

Curettes



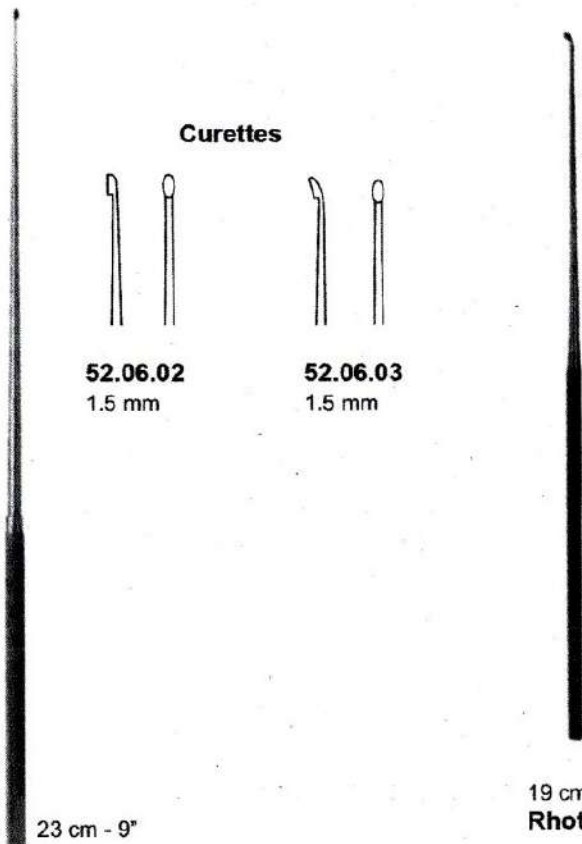
sharp

52.06.04
1.0 x 2.0 mm



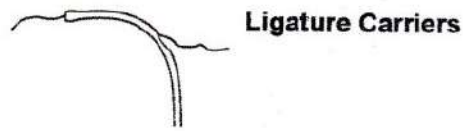
sharp

52.06.05
1.0 x 2.0 mm



23 cm - 9"

19 cm - 7 1/2"
Rhoton



18.5 cm - 7 1/4"
Yasargil



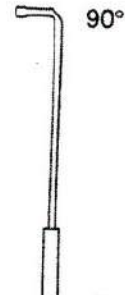
52.07.01



52.07.02



52.07.03



52.07.04



Tumor Forks

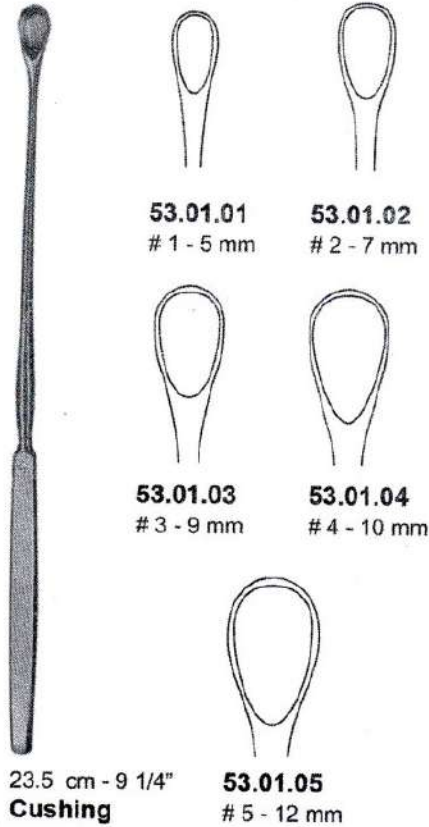


52.08.01
22 cm - 8 3/4"
Yasargil

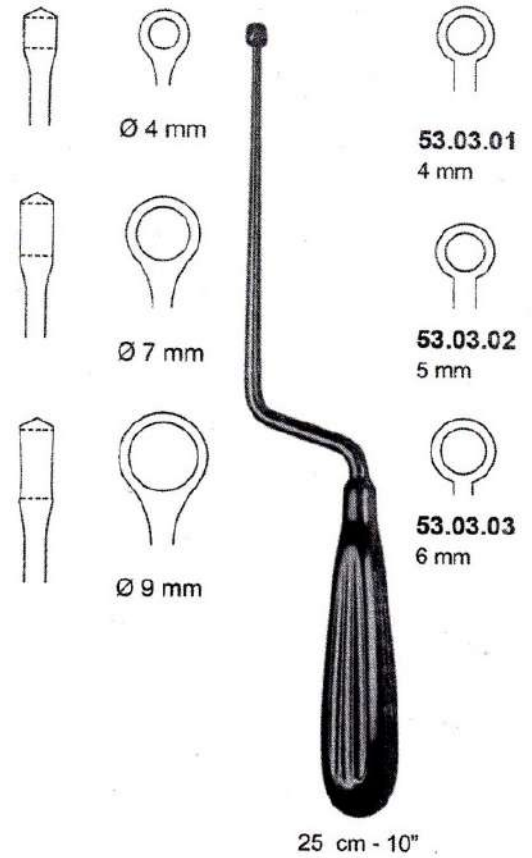


52.08.02
20 cm - 8"
Yasargil

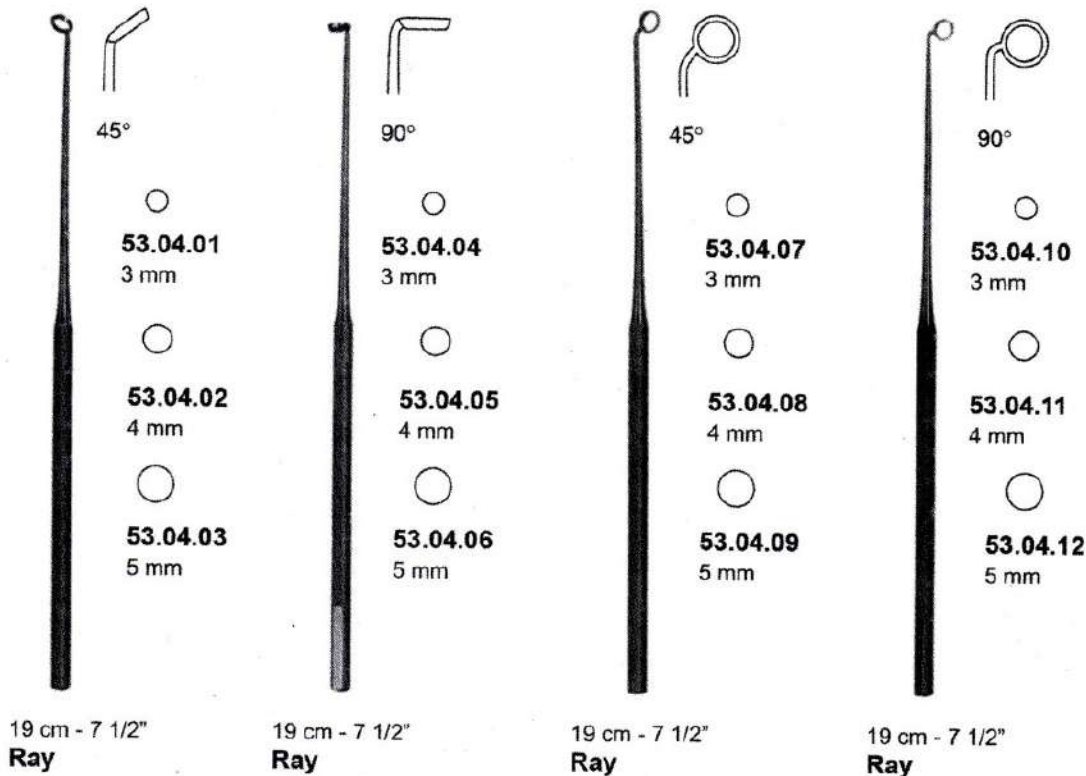
Pituitary Scoop



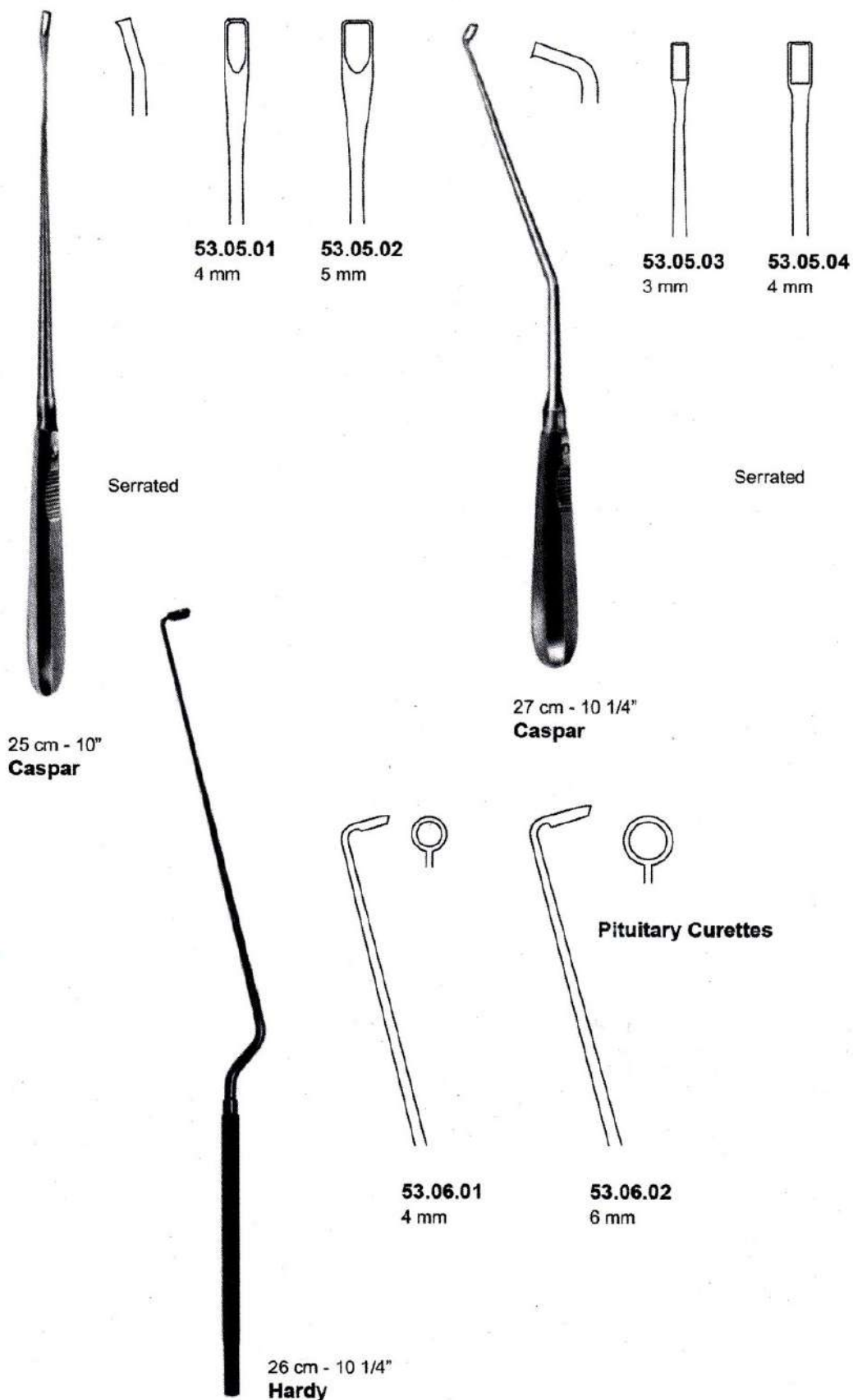
Ring Curettes



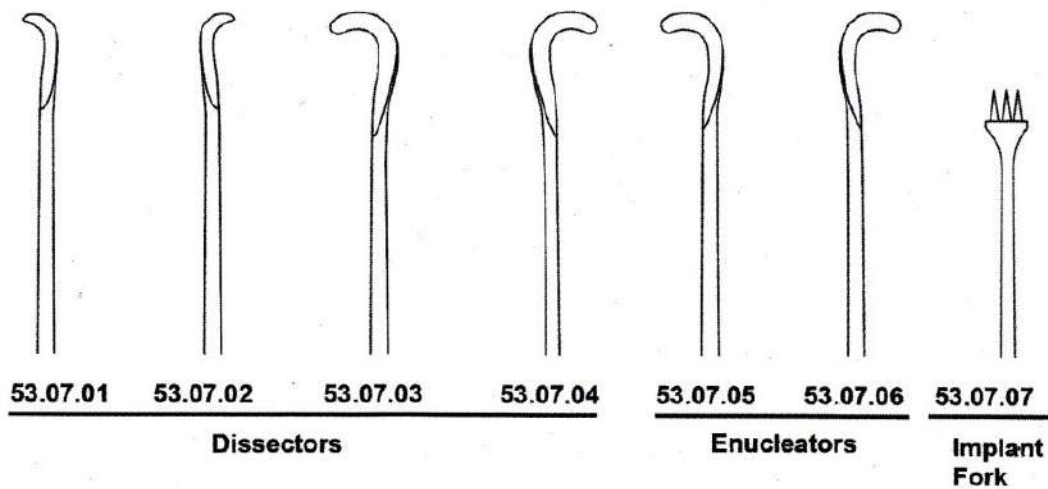
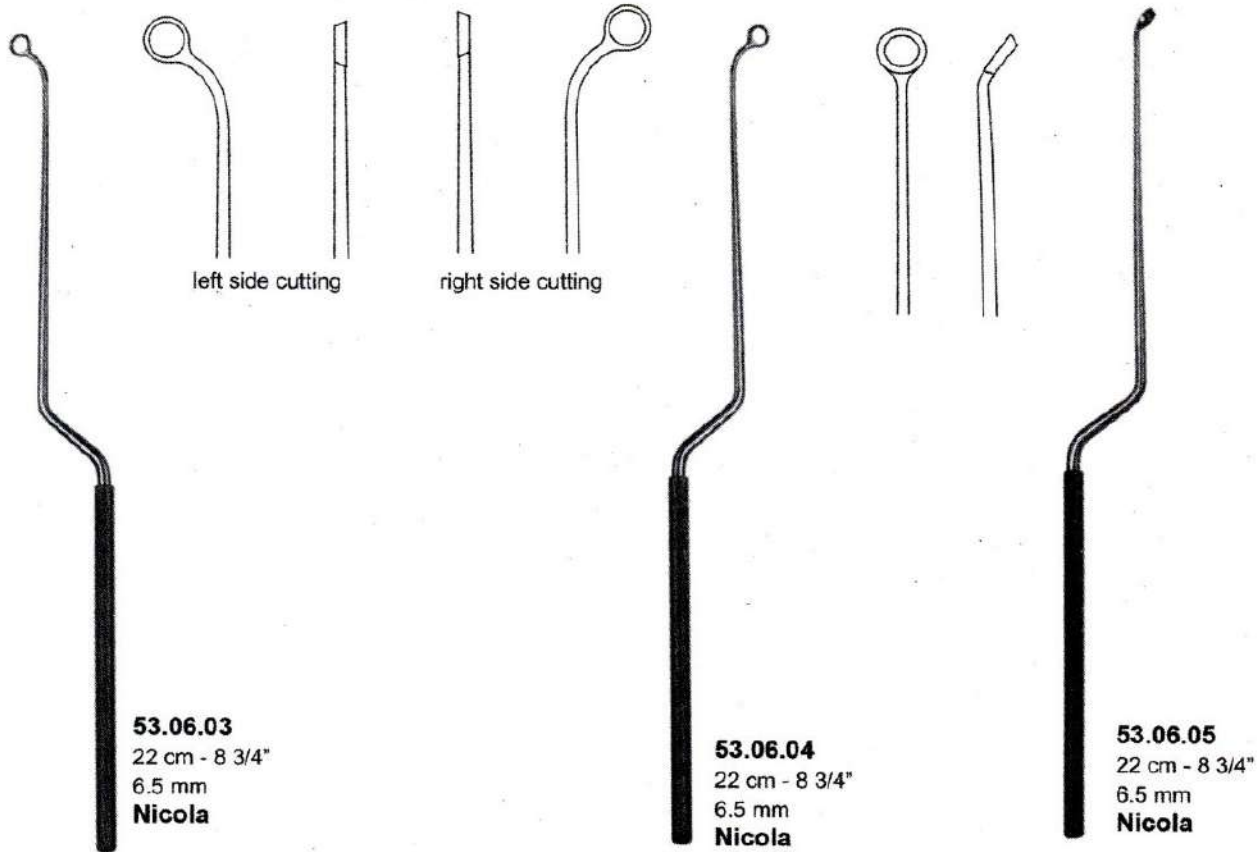
Pituitary Curettes



Curettes

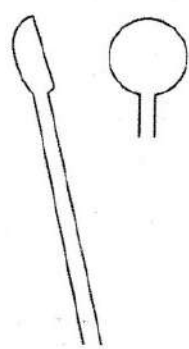


Curettes



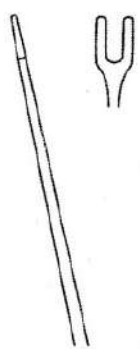


26 cm - 10 3/4"



flexible
Spoon

53.08.01
Landolt



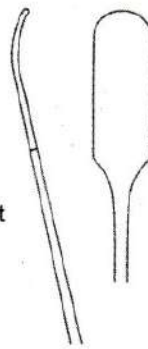
rigid
Blade

53.08.02
Hosobuchi



flexible
Hook

53.08.03
Landolt



Curette

53.08.04
Landolt



Enucleator

53.08.05 **53.08.06**
Landolt **Landolt**

1.7 mm



53.09.01
Landolt-Reulen
Blunt hook

2.0 mm



53.09.02
Landolt-Reulen
Dissector

2.2 mm



53.09.03
Landolt-Reulen
Raspatory

2.5 mm



53.09.04
Landolt-Reulen
Curette

2.5 mm



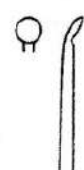
53.09.05
Fahibusch
Spoon, malleable

2.5 mm

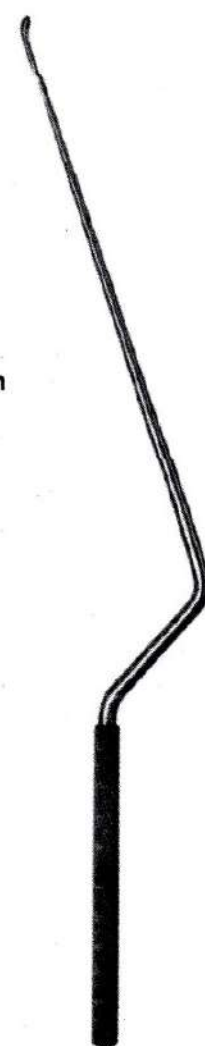


53.09.06
Fahibusch
Curette, malleable

3.2 mm



53.09.07
Landolt-Reulen
Raspatory



26 cm - 10 3/4"

Speculum



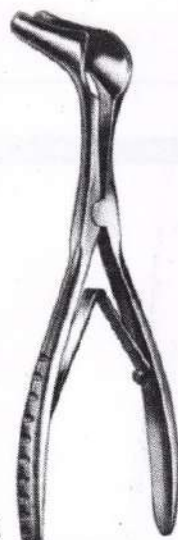
54.01.07 70 mm
54.01.09 90 mm
54.01.11 110 mm
Cushing-Landolt



54.01.05
 21 cm - 8 1/4"
Landolt
Spreader For Speculum

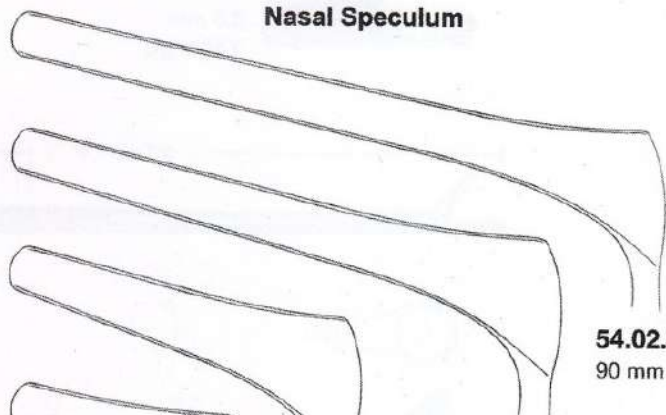


54.02.11 80 x 11 mm
54.02.13 90 x 13 mm
54.02.15 100 x 15 mm
Papavero-Casper



1/2
Killian
 13 cm - 5 1/8"

Nasal Speculum

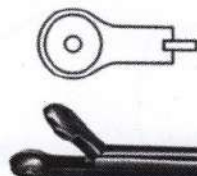
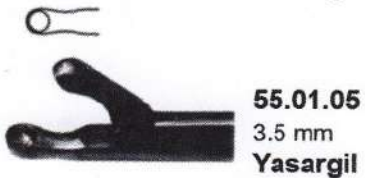
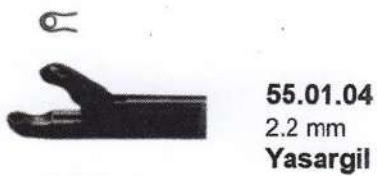
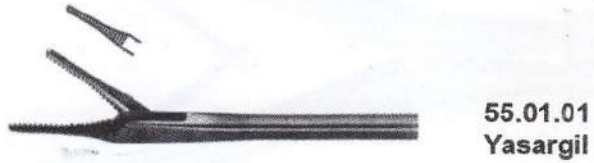


54.02.90
 90 mm

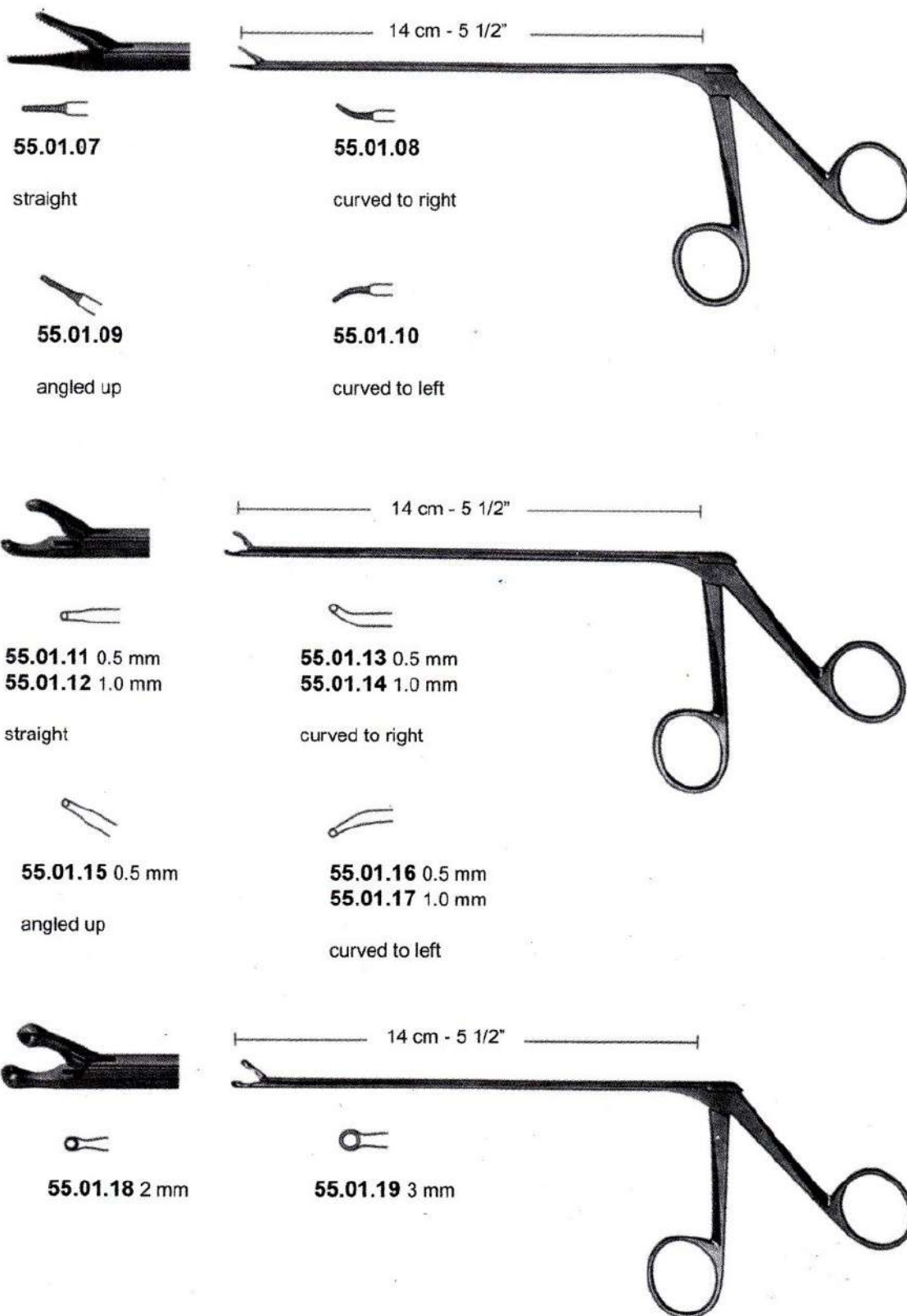
54.02.75
 75 mm

54.02.50
 50 mm

1/1
54.02.35
 35 mm



Micro grasping forceps



Mastoid Rongeurs


64.01.03
0

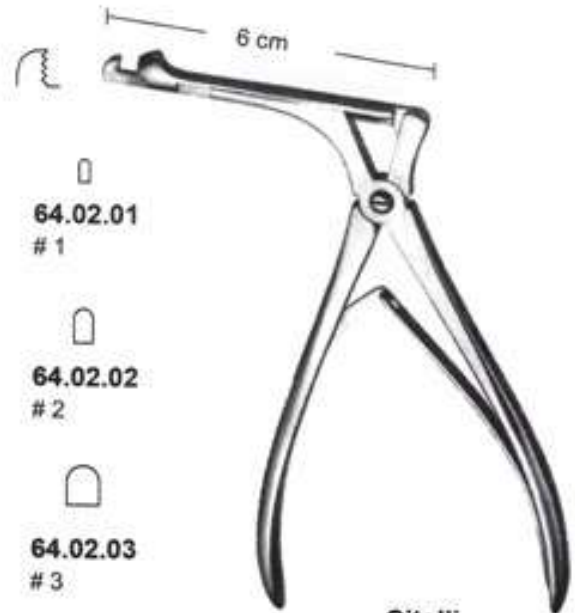

64.01.04
1


64.01.05
2

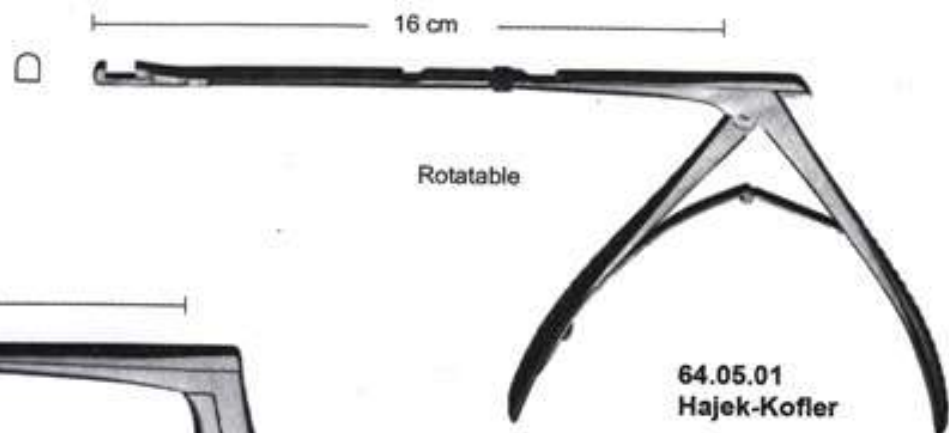

64.01.06
3



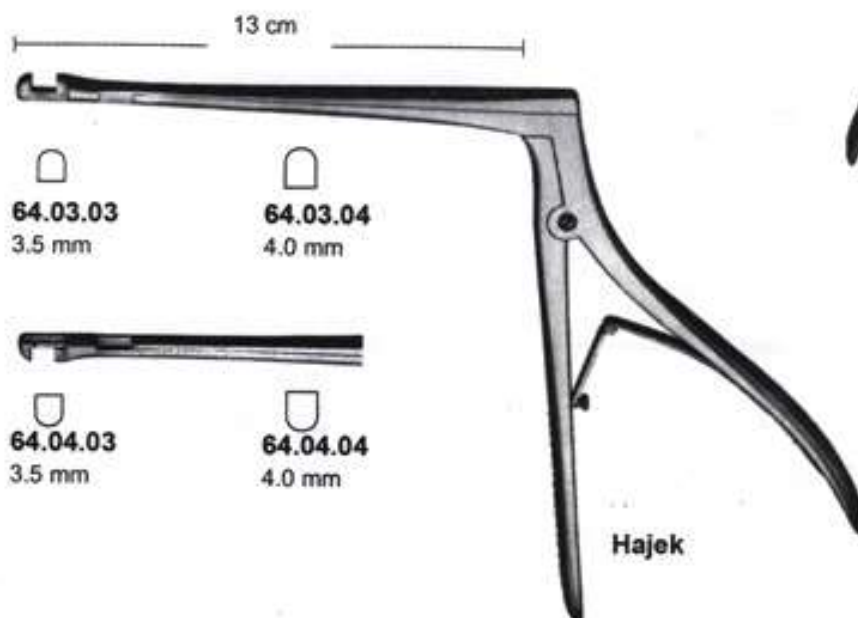
Kerrison



Citelli



64.05.01
Hajek-Kofler



Hajek


64.03.03
3.5 mm


64.03.04
4.0 mm


64.04.03
3.5 mm


64.04.04
4.0 mm