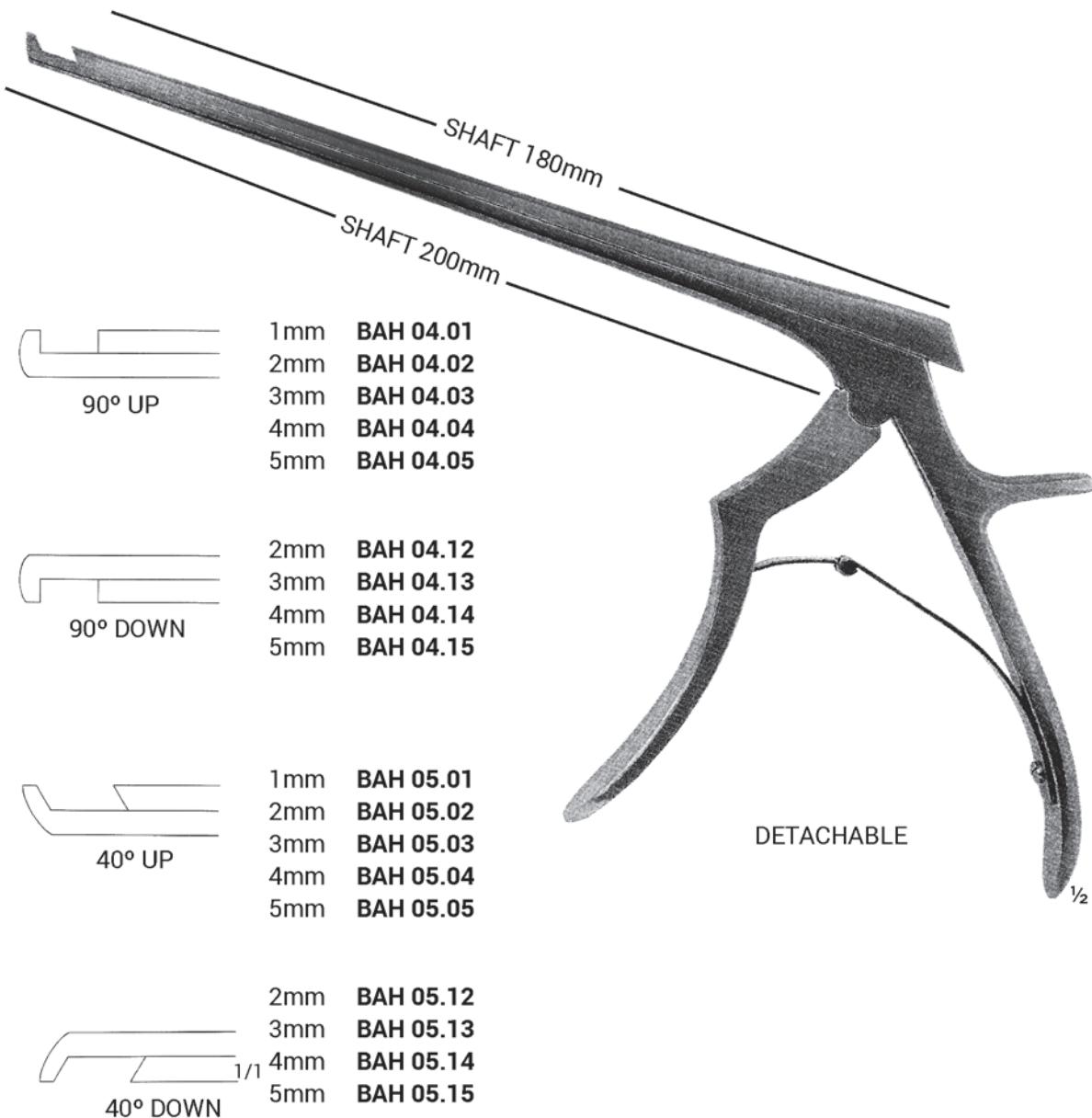
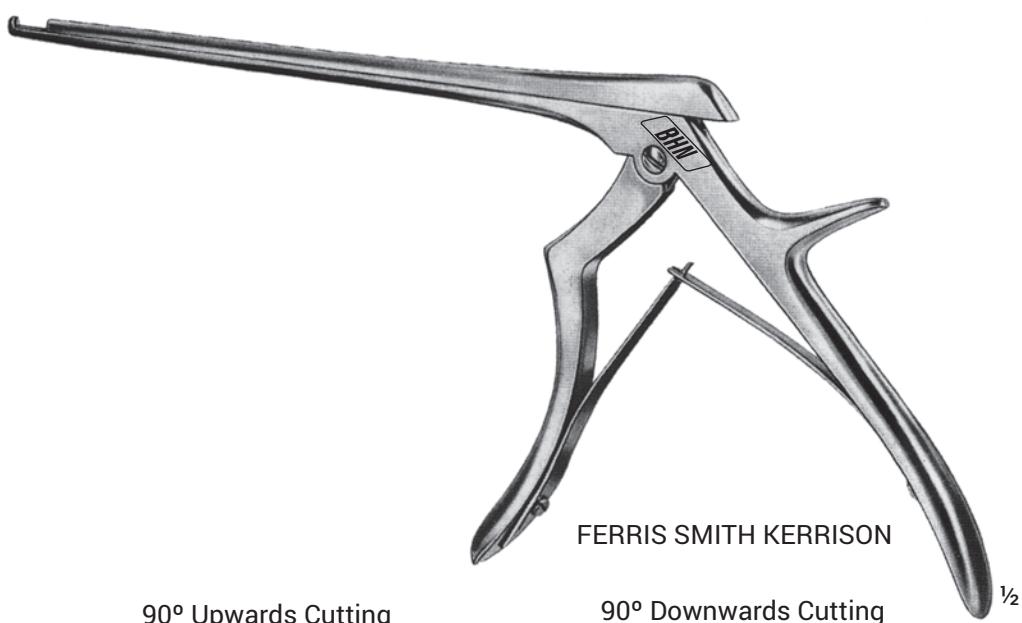


**BHN SURGICALS Pvt.Ltd**  
Manufacturing - Technology - Marketing

## **Neurosurgery**

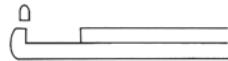






FERRIS SMITH KERRISON

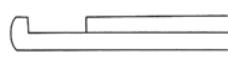
90° Upwards Cutting



BAH 03.01



1 mm



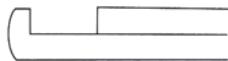
BAH 03.02

2 mm



BAH 03.03

3 mm



BAH 03.04

4 mm



BAH 03.05

5 mm



BAH 03.06

6 mm

90° Downwards Cutting



BAH 03.11



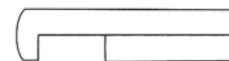
BAH 03.12

2 mm



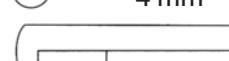
BAH 03.13

3 mm



BAH 03.14

4 mm



BAH 03.15

5 mm

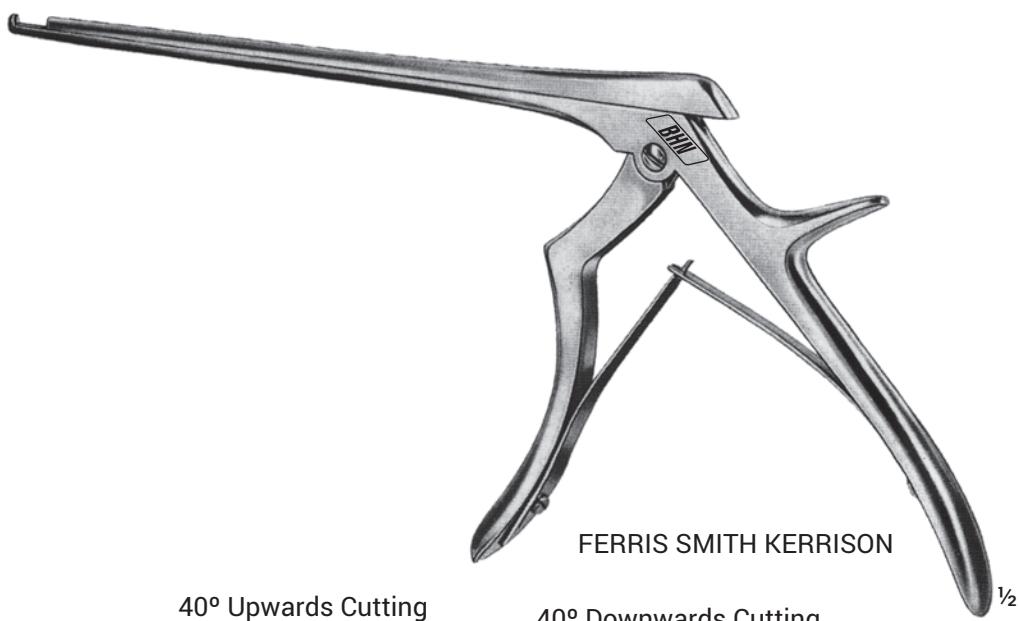


BAH 03.16

6 mm

½

1/1



FERRIS SMITH KERRISON

40° Upwards Cutting



BAH 03.21

1mm



BAH 03.22

2 mm



BAH 03.23

3 mm



BAH 03.24

4 mm



BAH 03.25

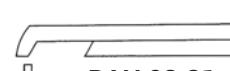
5 mm



BAH 03.26

6 mm

40° Downwards Cutting



BAH 03.31

1mm



BAH 03.32

2 mm



BAH 03.33

3 mm



BAH 03.34

4 mm



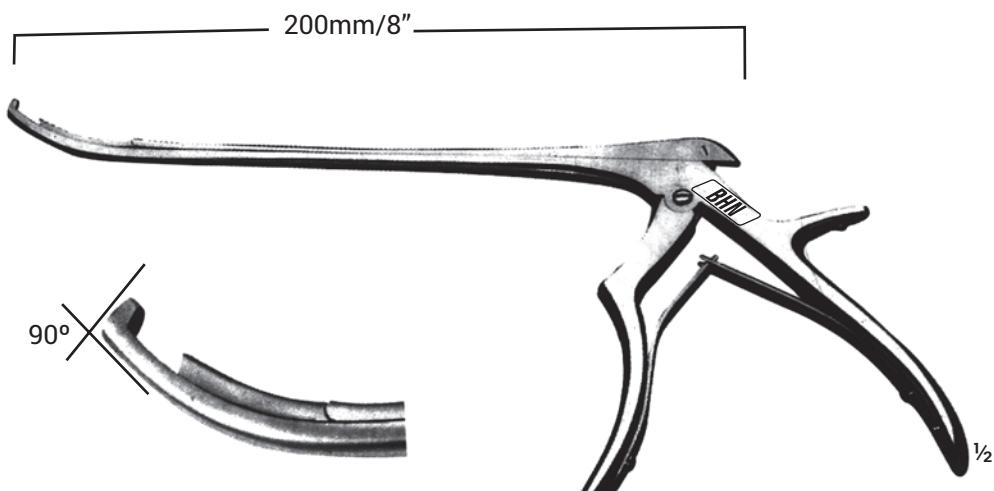
BAH 03.35

5 mm



BAH 03.36

6 mm



BAH 03.17

2mm

BAH 03.18

3 mm

KERRISON PUNCH

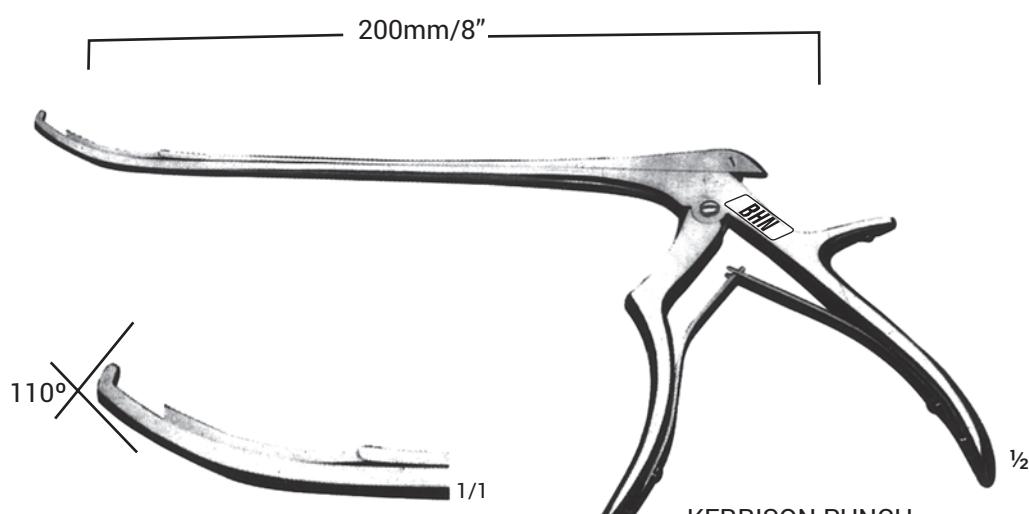
Shaft Curved Upward  
200mm/8"

BAH 03.19

4 mm

BAH 03.20

5mm



BAH 03.27

2mm

BAH 03.28

3 mm

BAH 03.29

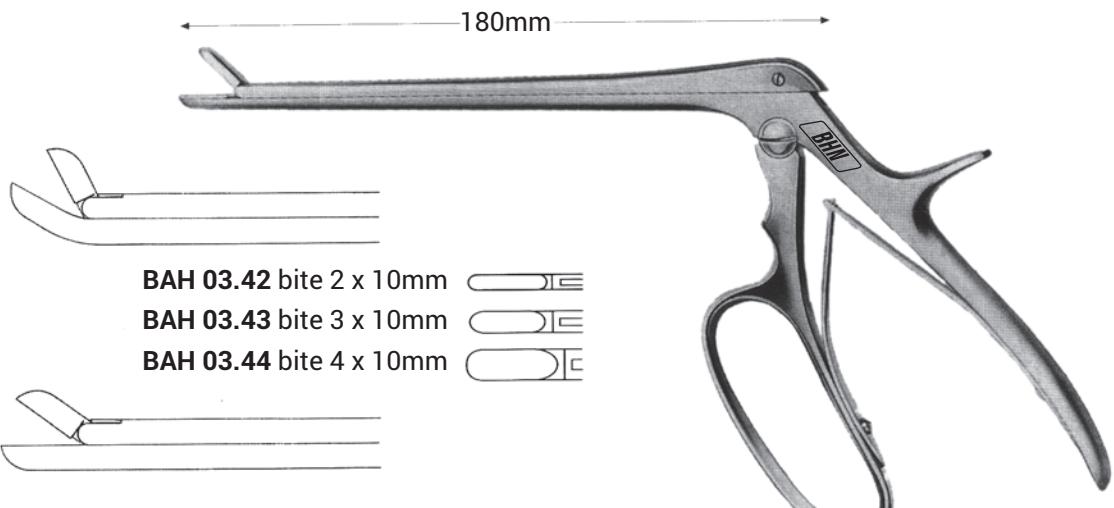
4 mm

BAH 03.30

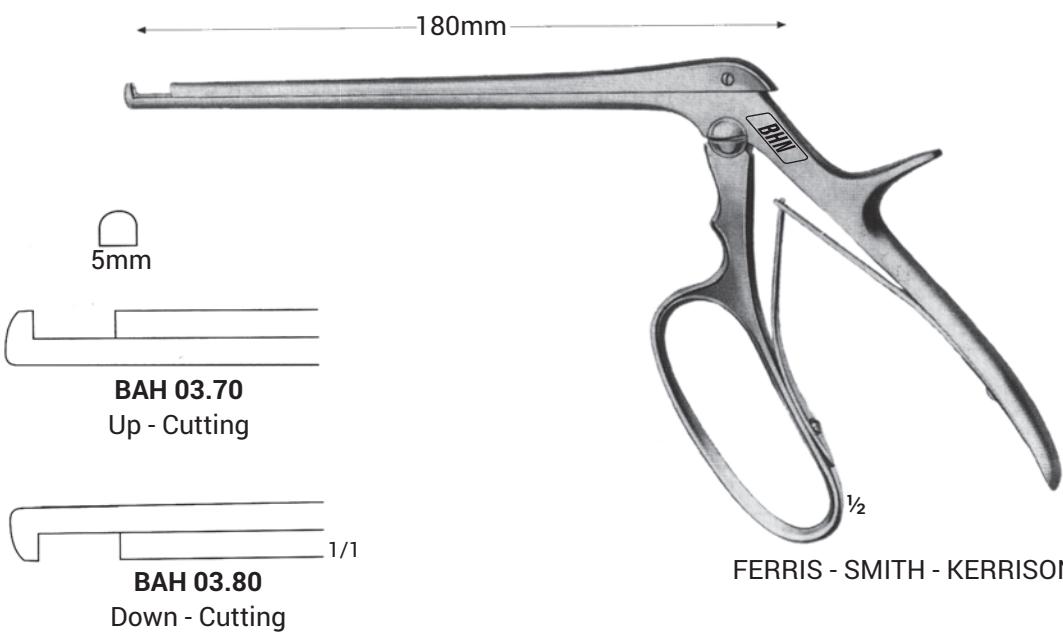
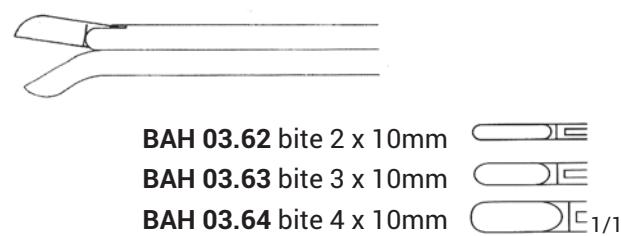
5mm

KERRISON PUNCH

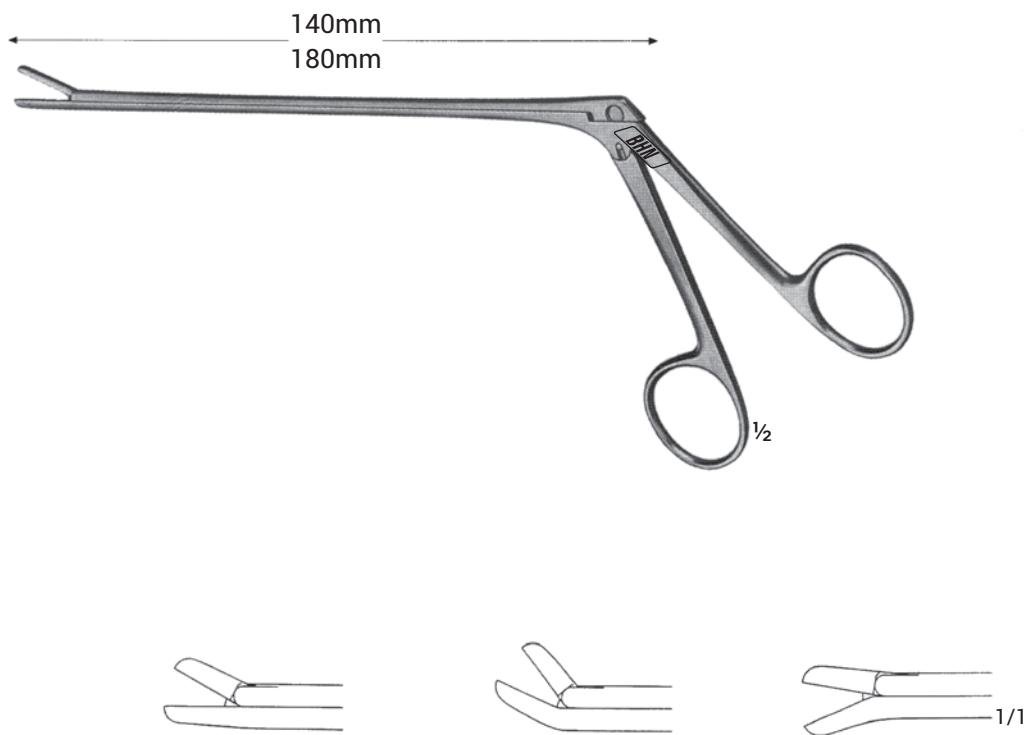
Shaft Curved Upward  
200mm/8"



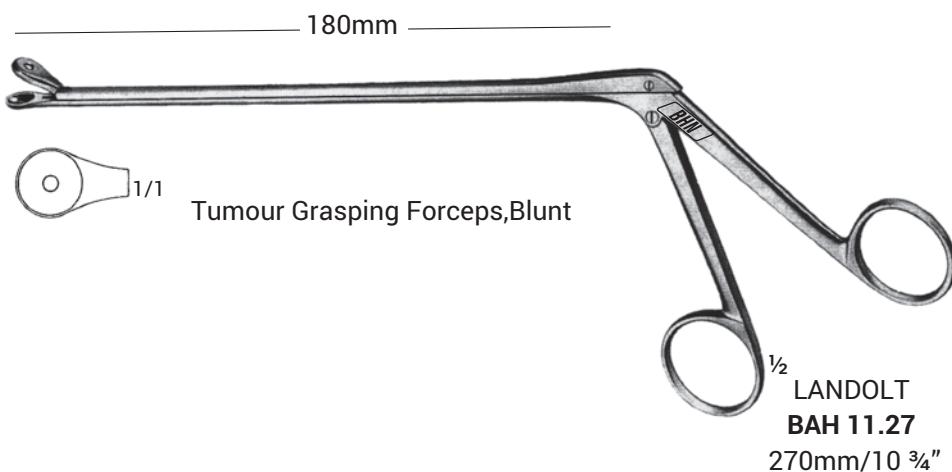
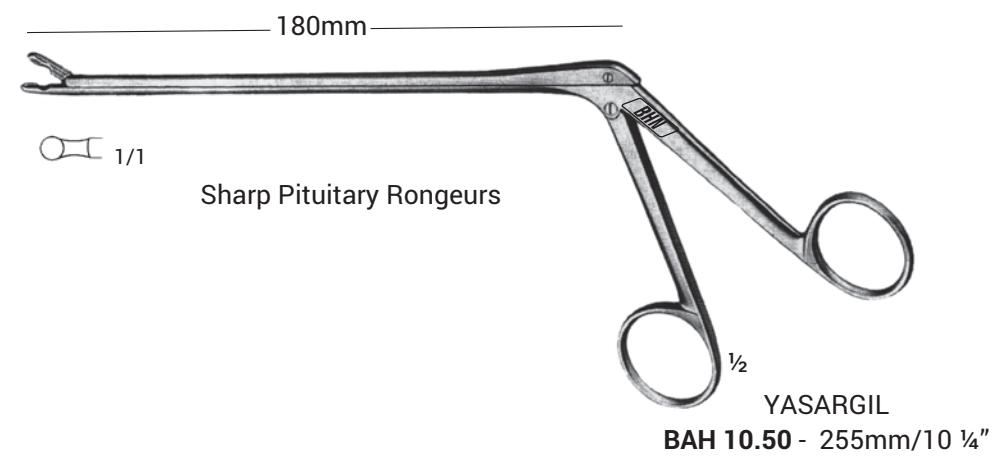
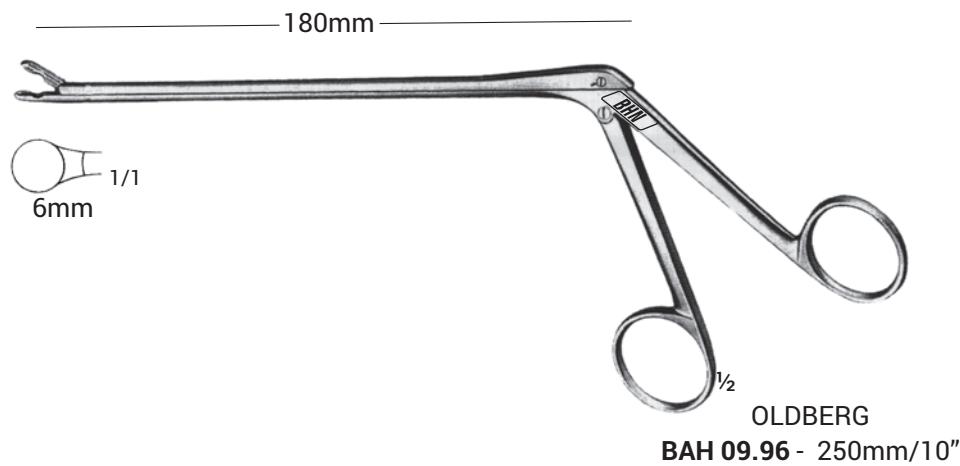
FERRIS - SMITH - CUSHING

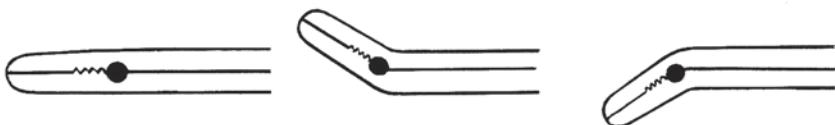
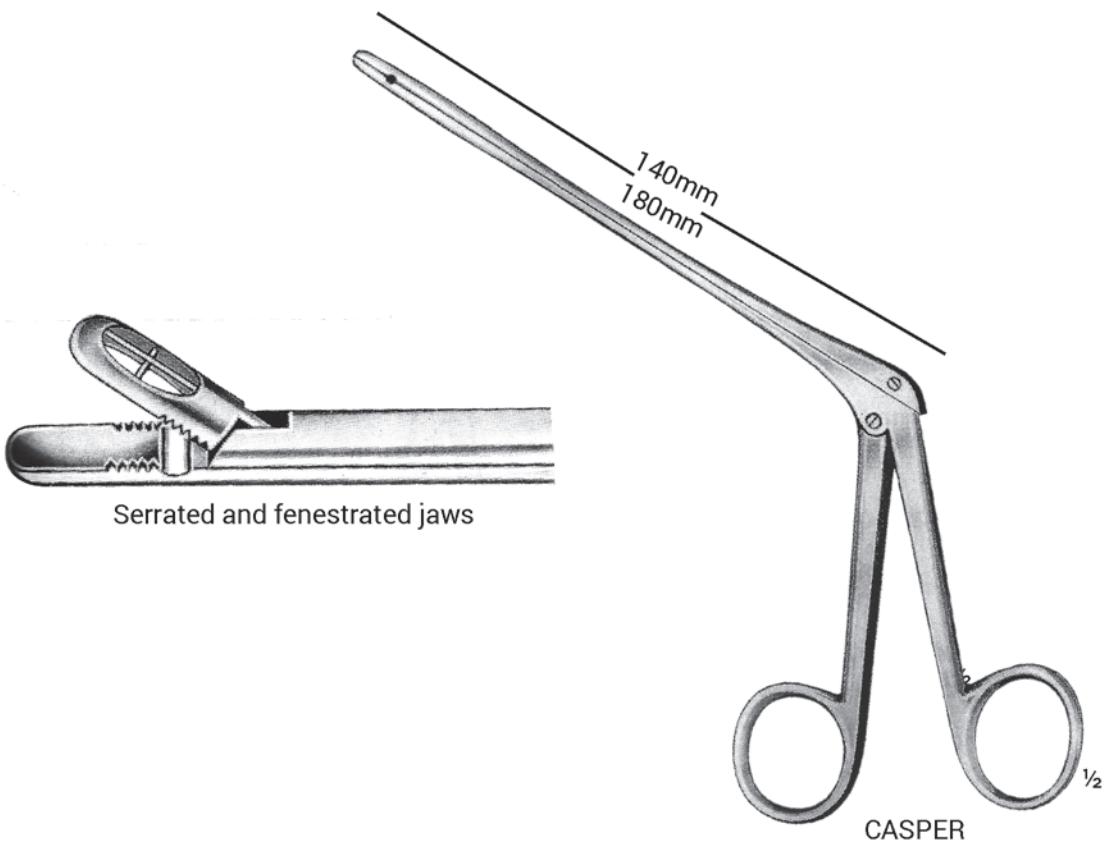


FERRIS - SMITH - KERRISON

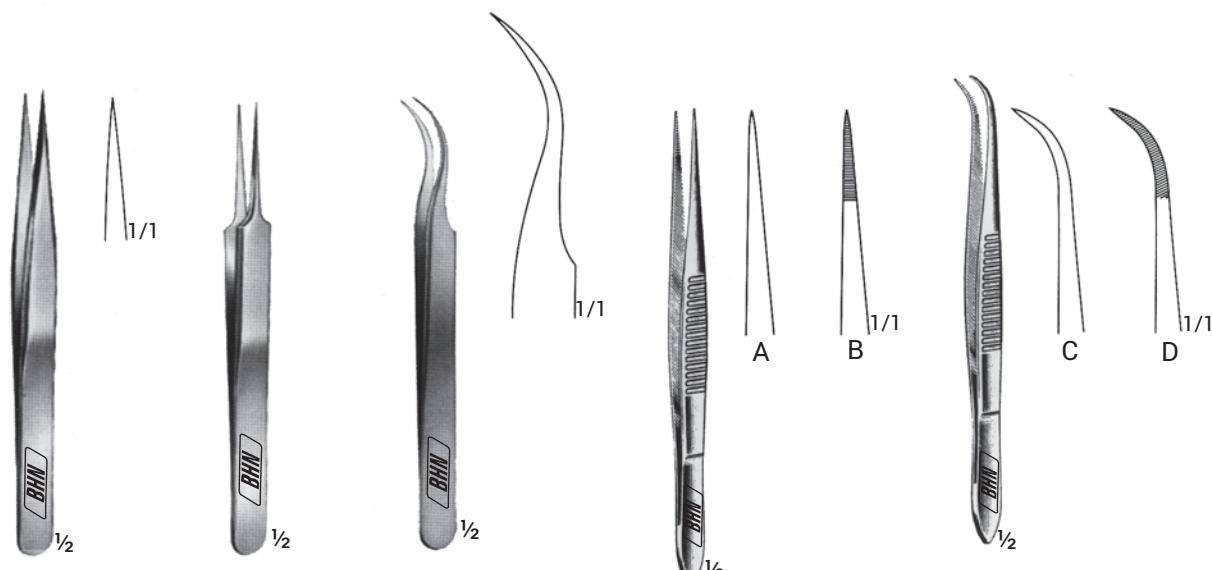


	Shaft Size	Straight	Upward	Downwards
CUSHING 2 x 10 mm	130mm/5 $\frac{1}{2}$ " 180mm 7"	<b>BAH 04.22</b> <b>BAH 04.51</b>	<b>BAH 04.32</b> <b>BAH 04.52</b>	<b>BAH 04.42</b> <b>BAH 04.53</b>
LOVE GRUENWALD 3 x 10 mm	130mm/5 $\frac{1}{2}$ " 180mm/7"	<b>BAH 08.02</b> <b>BAH 08.22</b>	<b>BAH 08.03</b> <b>BAH 08.23</b>	<b>BAH 08.04</b> <b>BAH 08.24</b>
SPURLING 4 x 10 mm	130mm/5 $\frac{1}{2}$ " 180mm/7"	<b>BAH 09.02</b> <b>BAH 09.33</b>	<b>BAH 09.03</b> <b>BAH 09.34</b>	<b>BAH 09.04</b> <b>BAH 09.35</b>





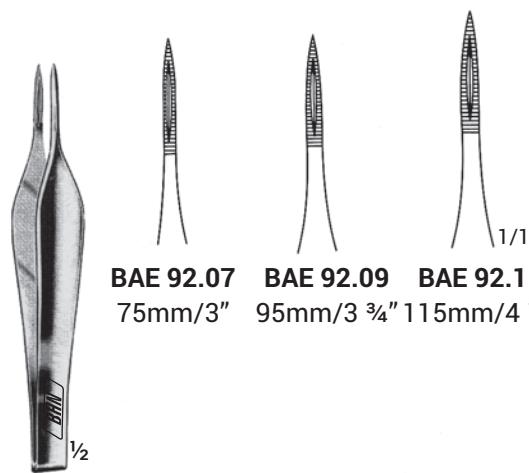
width of Jaw	Length of shaft	BAH 04.16	BAH 04.45	BAH 04.75
2 x 10mm	140mm / 5 ½"	<b>BAH 08.15</b>	<b>BAH 08.45</b>	<b>BAH 08.75</b>
	180mm / 7"	<b>BAH 09.15</b>	<b>BAH 09.45</b>	<b>BAH 09.75</b>
3 x 10mm	140mm / 5 ½"	<b>BAH 10.15</b>	<b>BAH 10.45</b>	<b>BAH 10.75</b>
	180mm / 7"	<b>BAH 11.15</b>	<b>BAH 11.45</b>	<b>BAH 11.75</b>
4 x 10mm	140mm / 5 ½"	<b>BAH 12.15</b>	<b>BAH 12.45</b>	<b>BAH 12.75</b>
	180mm / 7"	<b>BAH 13.15</b>	<b>BAH 13.45</b>	<b>BAH 13.75</b>
5 x 10mm	140mm / 5 ½"	<b>BAH 14.15</b>	<b>BAH 14.45</b>	<b>BAH 14.75</b>
	180mm / 7"	<b>BAH 15.15</b>	<b>BAH 15.45</b>	<b>BAH 15.75</b>
6 x 10mm	140mm / 5 ½"	<b>BAH 16.15</b>	<b>BAH 16.45</b>	<b>BAH 16.75</b>



## JEWELLER STYLE

BAE 79.03	BAE 81.05	BAE 82.07
No.3	No.5	No.7
115mm/4 1/2"	115mm/4 1/2"	115mm/4 1/2"

A	B	C	D
BAE 90.09	BAE 90.19	90mm/3 1/2"	BAE 91.09
BAE 90.11	BAE 90.21	110mm/4 1/2"	BAE 91.11
BAE 90.12	BAE 90.22	125mm/5"	BAE 91.12



FEILCHENFELD

HUNTER  
110mm/4 1/2"



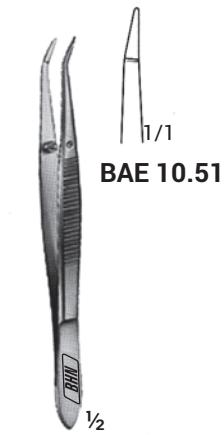
DOUGLAS  
90mm/3 ½"



DOUGLAS  
90mm/3 ½"



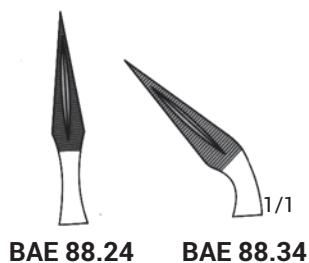
BAE 10.29



BAE 10.51  
BARRAQUER  
105mm/4 ¼"

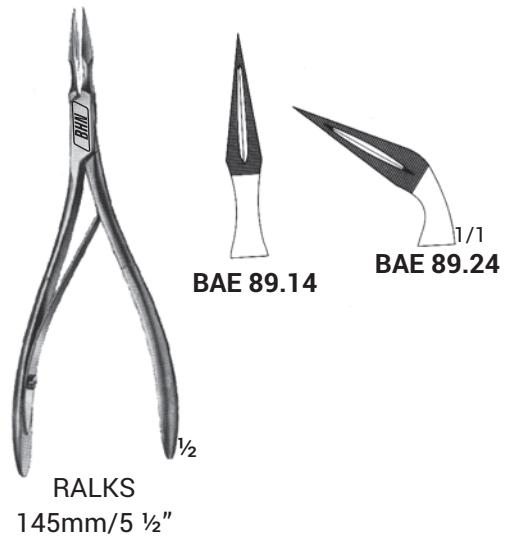


STEIGLITZ  
140mm/5 ½"

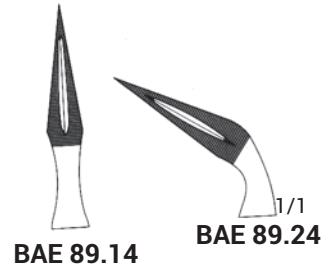


BAE 88.24

BAE 88.34



RALKS  
145mm/5 ½"



BAE 89.14

BAE 89.24



**DESMARRES**  
**BAE 58.37 - BAE 58.39**  
95mm/3 3/4"



MICHEL  
**BSA 10.12**  
125mm/5"



HEGENBARTH  
**BSA 13.12**  
120mm/4 ¾"



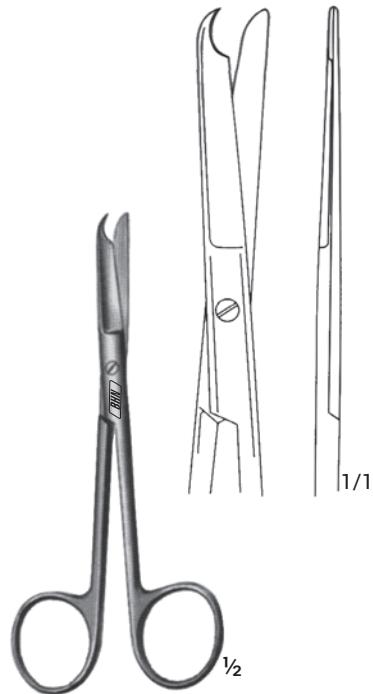
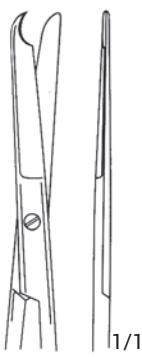
MICHEL  
**BSA 10.13**  
120mm/4 ¾"



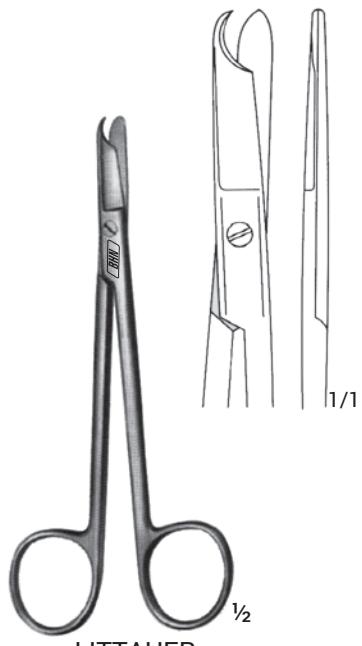
COLLIN  
**BSA 17.13**  
130mm/5"



SPENCER  
**BSA 19.09**  
90mm/3 ½"



SPENCER  
**BSA 20.10 - 105mm/4"**  
**BSA 20.12 - 120mm/4 ¾"**  
**BSA 20.14 - 140mm/5 ¾"**

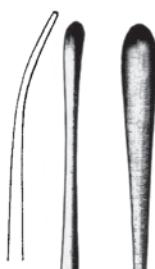


LITTAUER  
**BSA 21.13 - 130mm/5"**



21mm

CUSHING

**BAH 15.17** - 170mm/6 ¾"**BAH 15.18** - 200mm/8"Concave  
(Malleable)OILVECRONA  
180mm 7/ 1/8"**BAH 16.09** - 7 + 9mm  
**BAH 16.11** - 11 + 13mm  
**BAH 16.13** - 15 + 18mm  
**BAH 16.14** - 18 + 22mmConvex  
(Malleable)OILVECRONA  
180mm 7/ 1/8"**BAH 17.39** - 7 + 9mm  
**BAH 17.43** - 11 + 13mm  
**BAH 17.48** - 15 + 18mm  
**BAH 17.52** - 18 + 22mm

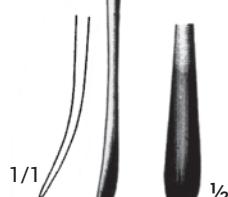
FRAZIER

**BAH 18.01**  
150mm/6"

HOEN

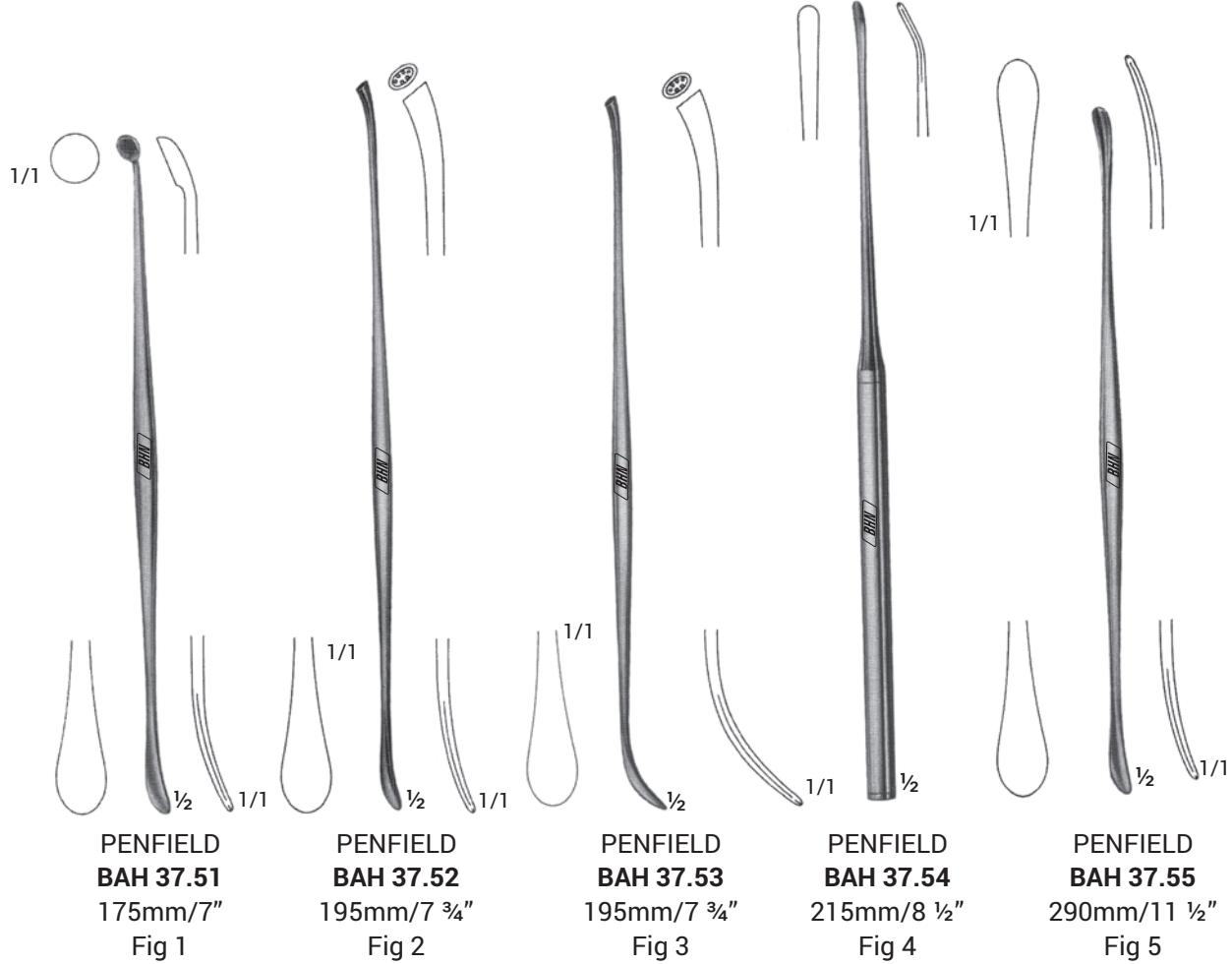
**BAH 18.02**  
150mm/6"

HOEN

**BAH 18.03**  
150mm/6"

DAVIS

**BAH 41.24**  
245mm/9 ¾"





**BKK 59.01**  
185mm/7 1/4"

**BKK 59.02**  
185mm/7 1/4"

**BKK 59.03**  
185mm/7 1/4"

**BKK 59.04**  
185mm/7 1/4"

**BKK 59.05**  
185mm/7 1/4"

1/1



**Yasargil**  
185mm/7 1/4"

**BKK 59.22**  
185mm/7 1/4"

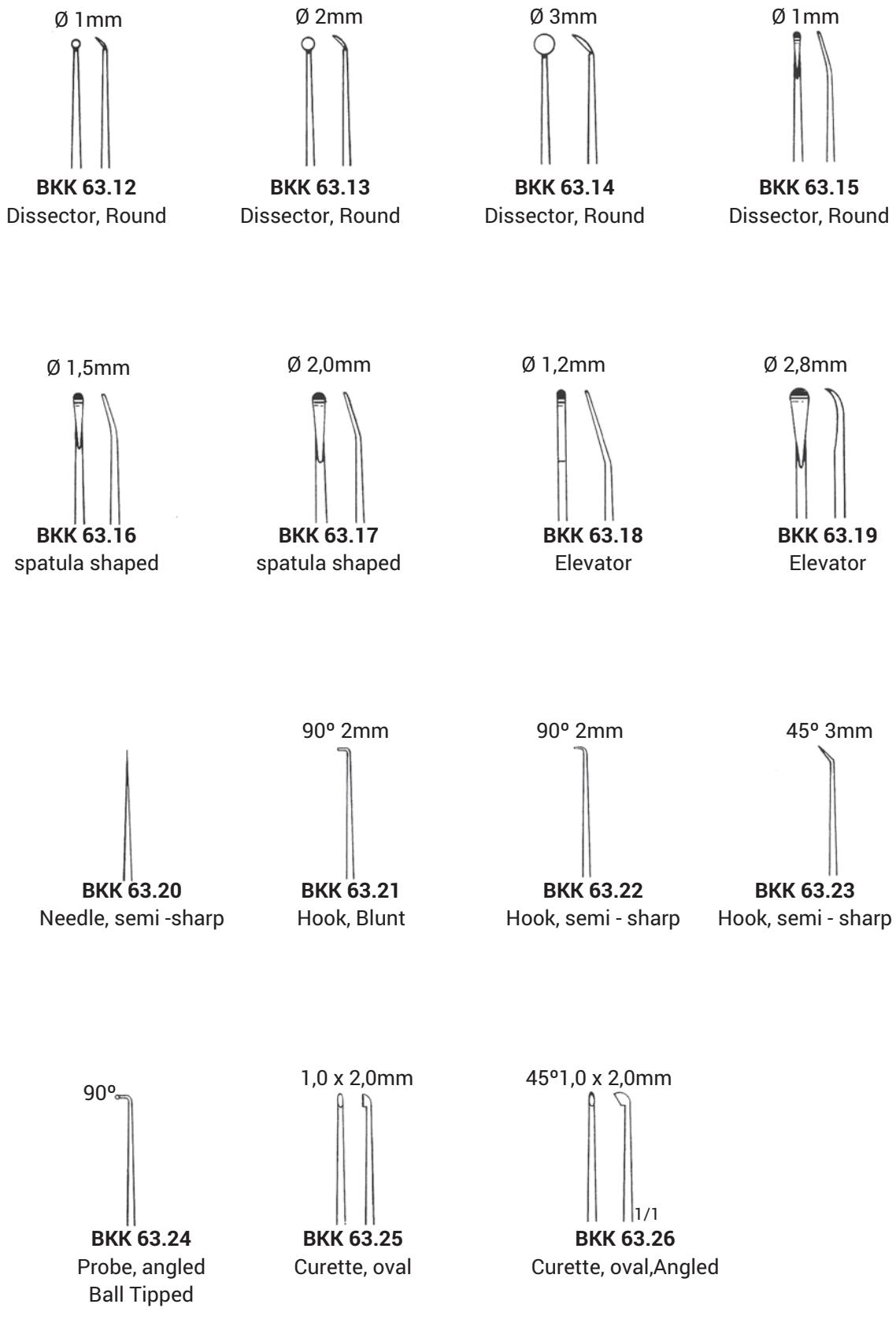
**BKK 59.23**  
185mm/7 1/4"

**BKK 59.24**  
185mm/7 1/4"

**BKK 59.25**  
185mm/7 1/4"

1/1







1/1  
Okonex  
230mm/9"



BKK 60.03



BKK 60.04



1/1  
Okonex  
190mm/7 1/2"



BKK 60.05



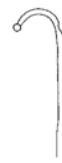
BKK 60.08



BKK 65.01



BKK 65.02



BKK 65.03



1/1  
BKK 65.04



Jacobson  
190mm/7 1/2"



Jacobson  
185mm/7 1/4"



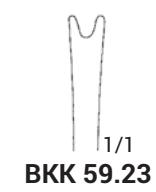
Casper  
230mm/9"



BKK 58.01

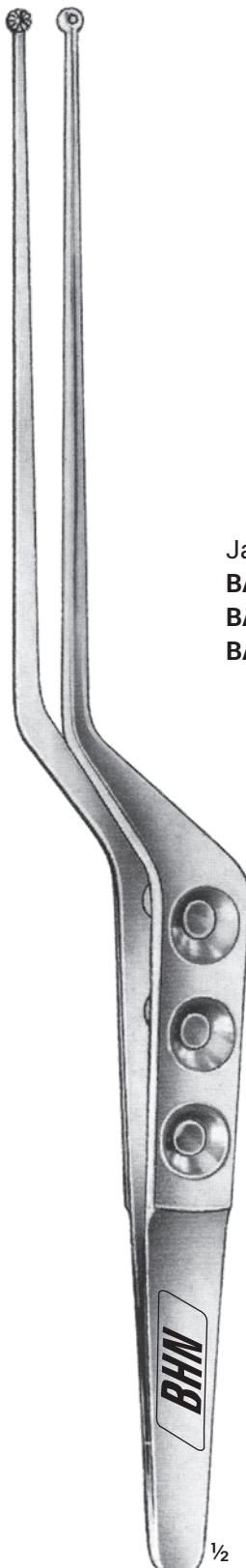
BKK 58.02

BKK 58.03



1/1

BKK 59.23

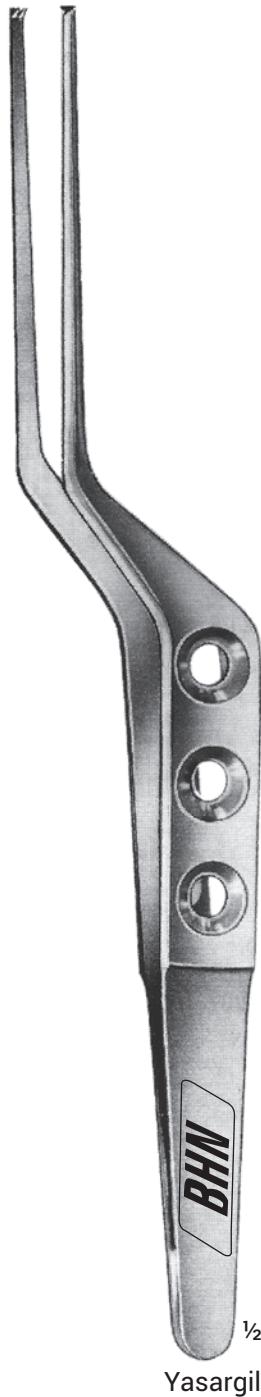


Jaw spoon shaped  
**BAH 13.02** - 2mm  
**BAH 13.03** - 3mm  
**BAH 13.04** - 5mm

Jaw Flat, Serrated  
**BAH 13.05** - 2mm  
**BAH 13.06** - 3mm  
**BAH 13.07** - 5mm

Curette Jaw, Toothed  
**BAH 13.08** - 2mm  
**BAH 13.09** - 3mm  
**BAH 13.10** - 5mm

Yasargil  
240mm/9 1/2"



Yasargil

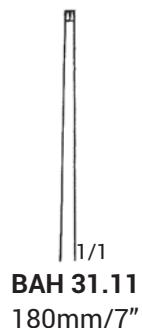
160mm/6 ¼"  
180mm/7"  
200mm/8"  
220mm/8 ¾"  
240mm/9 ½"

**BAH 30.06**  
**BAH 30.07**  
**BAH 30.08**  
**BAH 30.09**  
**BAH 30.10**

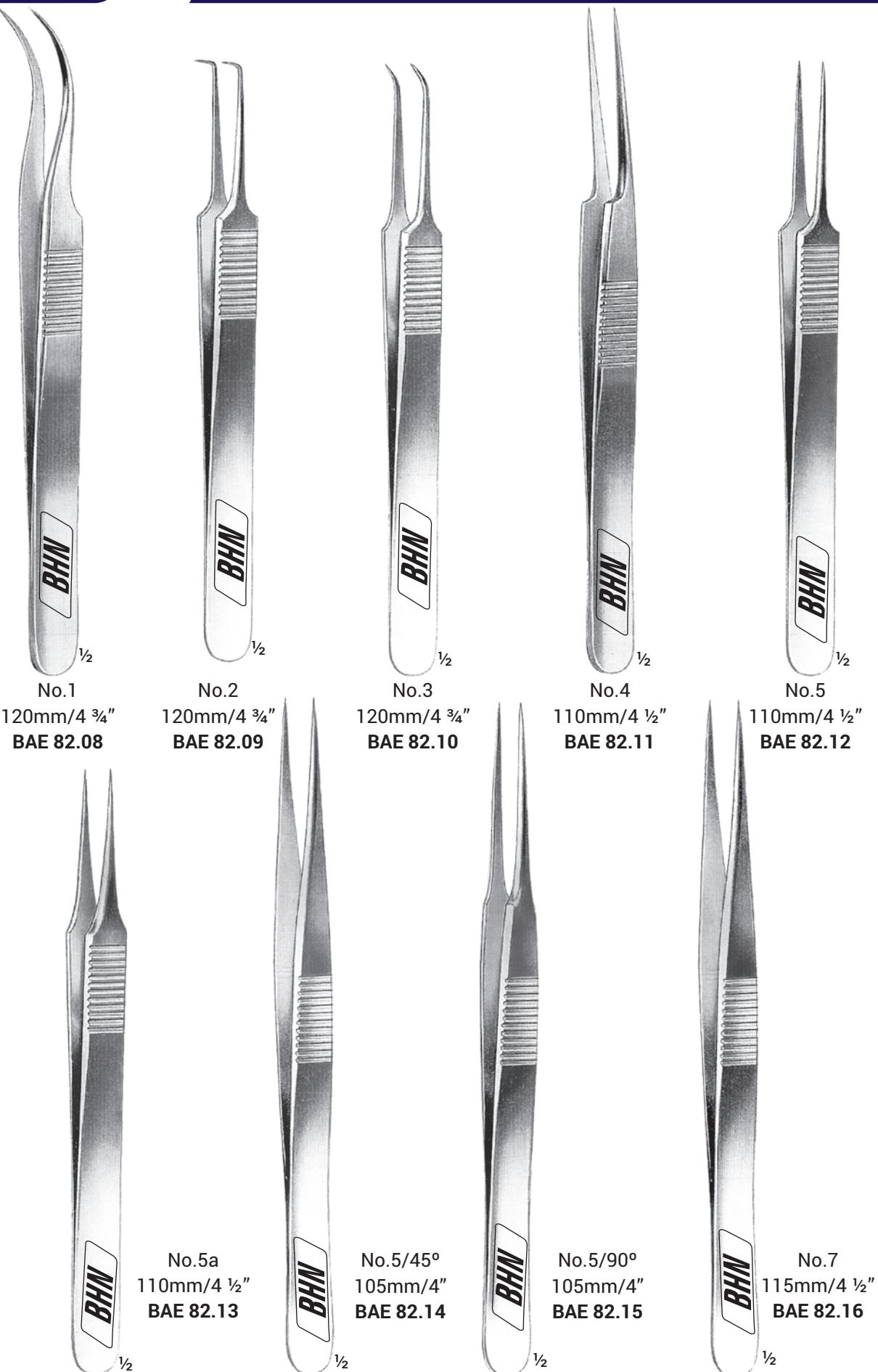
0,6mm

**BAH 31.06**  
**BAH 31.07**  
**BAH 31.08**  
**BAH 31.09**  
**BAH 31.10**

0,9mm



**BAH 31.11**  
180mm/7"



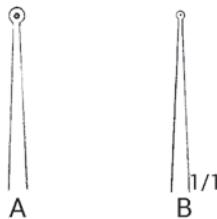
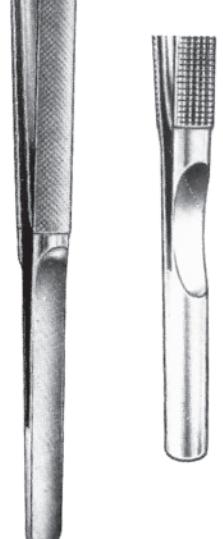
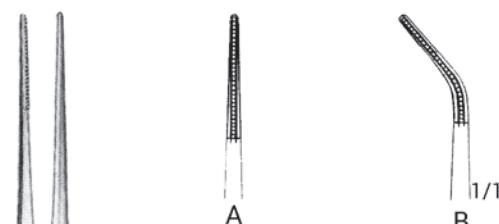


Fig	Length (mm)	Ring Ø (mm)
A	150	<b>BAH 01.51</b> 1,5 x 2,0
A	180	<b>BAH 01.80</b> 1,5 x 2,0
A	210	<b>BAH 02.10</b> 1,5 x 2,0
B	150	<b>BAH 02.51</b> 0,5 x 1,0
B	180	<b>BAH 02.80</b> 0,5 x 1,0
B	210	<b>BAH 02.11</b> 0,5 x 1,0

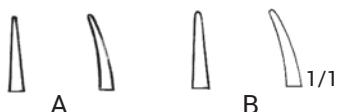


DeBakey  
Micro Tissue Forceps

Fig	Length (mm)	Maul Jaw
A	150	<b>BAH 03.50</b> 1,0
B	150	<b>BAH 03.81</b> 1,0
A	180	<b>BAH 04.10</b> 1,0
B	180	<b>BAH 04.50</b> 1,0
A	210	<b>BAH 05.80</b> 1,0
B	210	<b>BAH 05.07</b> 1,0



Micro Needle Holder  
without catch

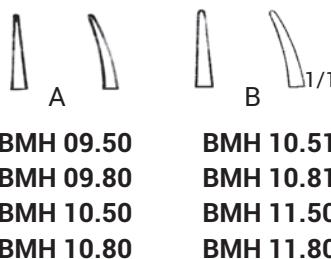


**BMH 05.50      BMH 07.50**  
**BMH 05.80      BMH 07.80**  
**BMH 06.50      BMH 08.50**  
**BMH 06.80      BMH 08.80**

Fig	Length (mm)
A	150mm/6"
B	150mm/6"
A	180mm/7"
B	180mm/7"
A	210mm/8 1/4"
B	210mm/8 1/4"
A	230mm/9"
B	230mm/9"

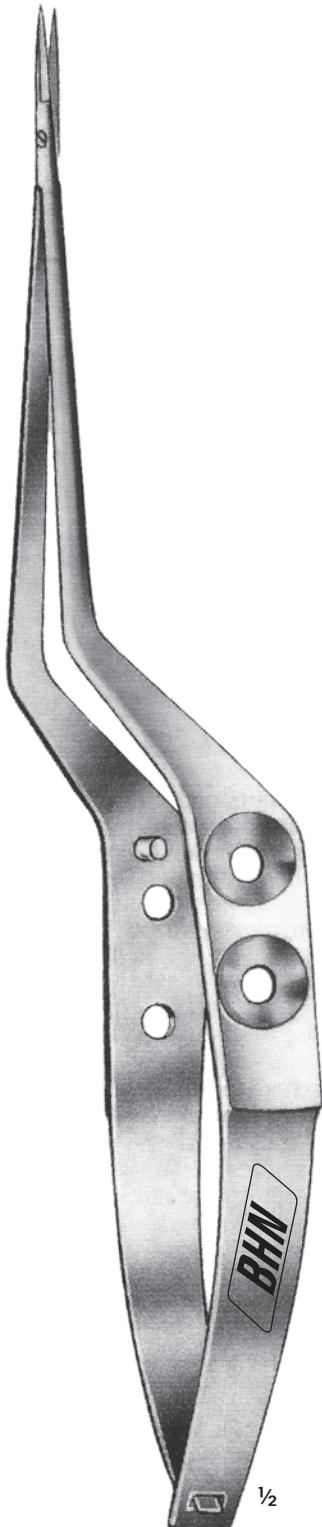


Micro Needle Holder  
with catch



**BMH 09.50      BMH 10.51**  
**BMH 09.80      BMH 10.81**  
**BMH 10.50      BMH 11.50**  
**BMH 10.80      BMH 11.80**

Fig	Length (mm)
A	150mm/6"
B	150mm/6"
A	180mm/7"
B	180mm/7"
A	210mm/8 1/4"
B	210mm/8 1/4"
A	230mm/9"
B	230mm/9"



Yasargil

165mm/6 1/4"  
200mm/8"**BSA 16.06**  
**BSA 16.07**

Straight

**BSA 16.08**  
**BSA 16.09**

Curved

200mm/8" **BSA 16.10**

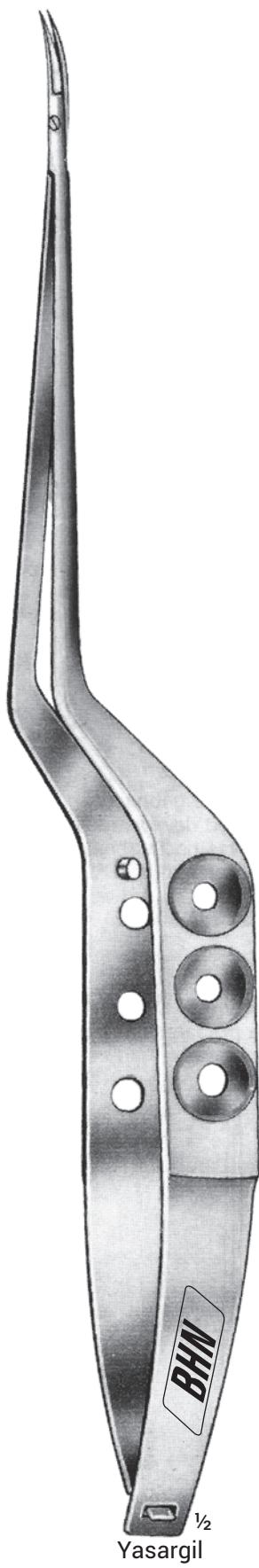
Curved Downwards

200mm/8" **BSA 16.11**

Straight

**BSA 16.17**

Curved



225mm/9"  
245mm/9 ¾"

**BSA 16.13**  
**BSA 16.14**  
Straight



**BSA 16.15**  
**BSA 16.16**  
Curved



225mm/9"    **BSA 16.17**

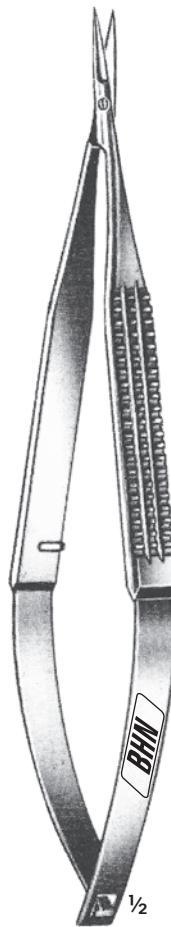
Curved Downwards

225mm/9"    **BSA 16.18**  
Straight

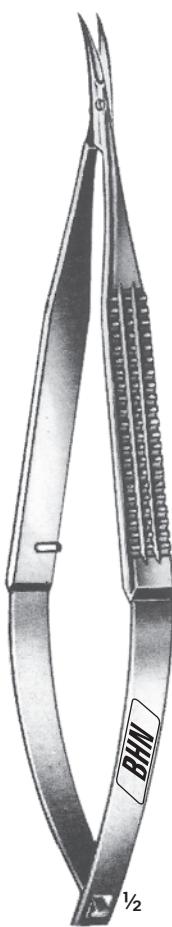


**BSA 16.19**  
Curved

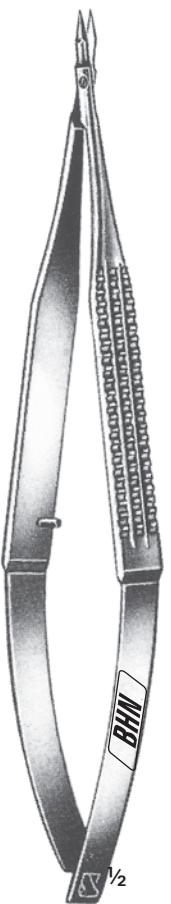
½  
Yasargil



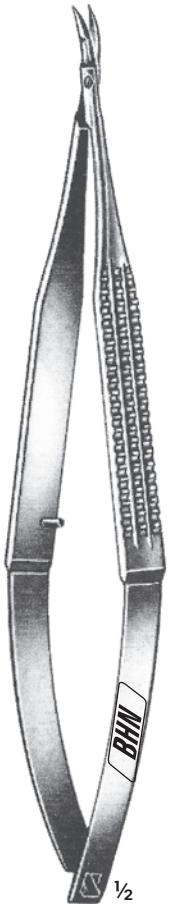
**BSA 11.10**  
Straight  
120mm/4 3/4"



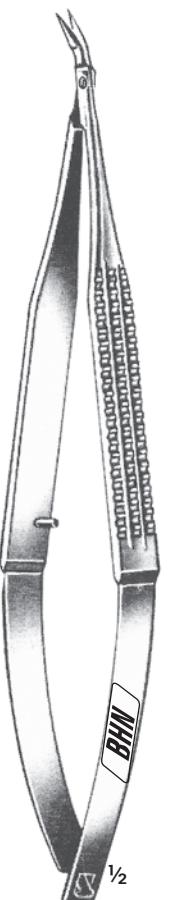
**BSA 11.11**  
Curved  
120mm/4 3/4"



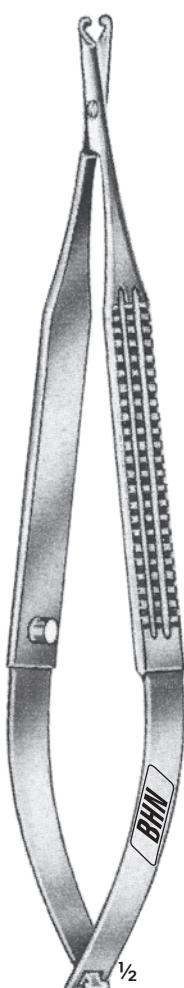
**BSA 11.12**  
Straight  
120mm/4 3/4"



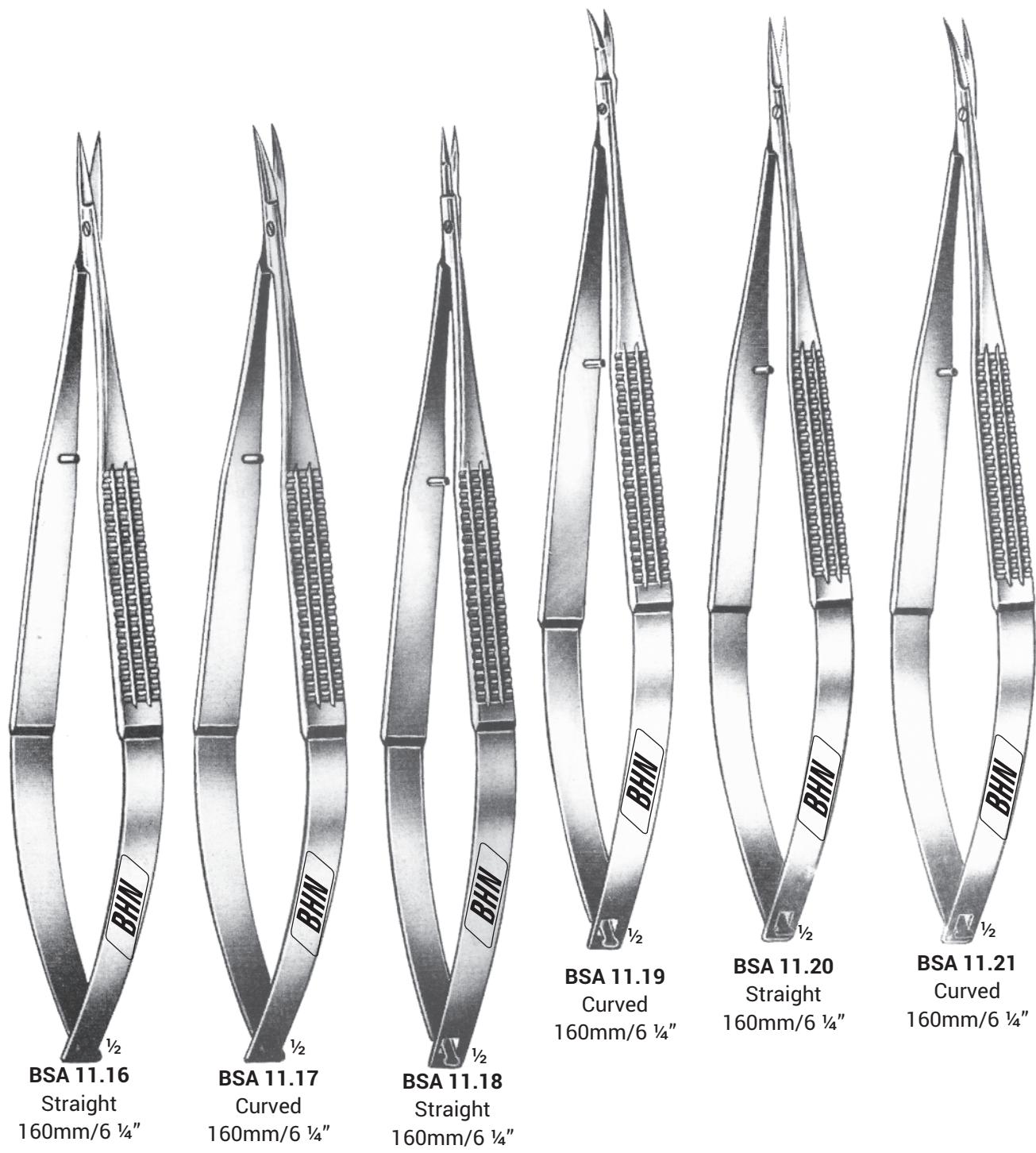
**BSA 11.13**  
Curved  
120mm/4 3/4"

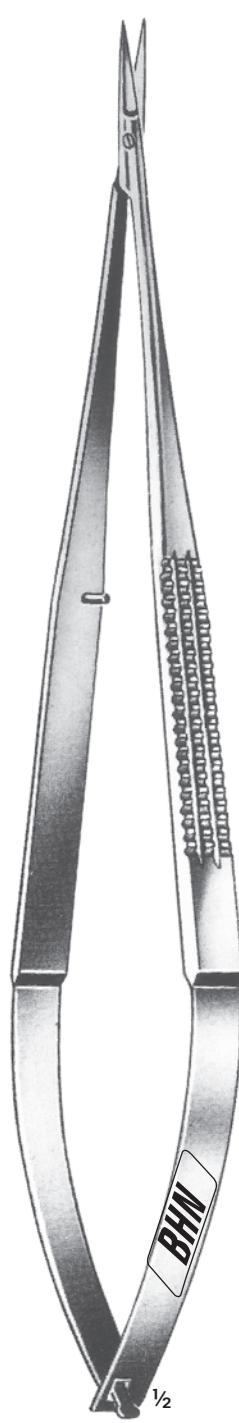


**BSA 11.14**  
Angled up  
120mm/4 3/4"

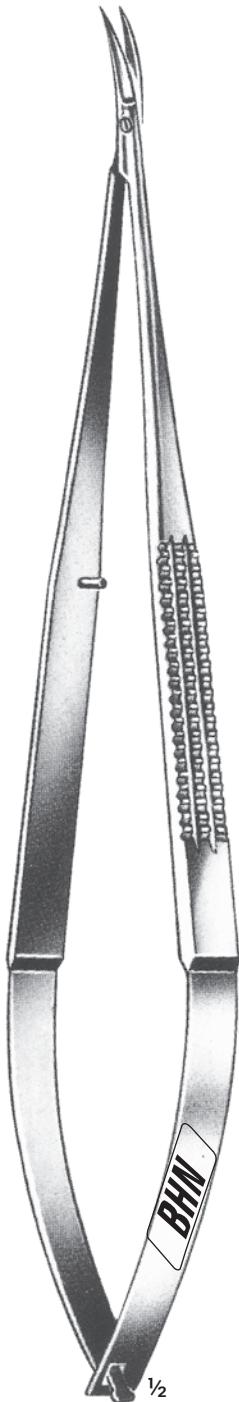


**BSA 11.15**  
Straight  
120mm/4 3/4"

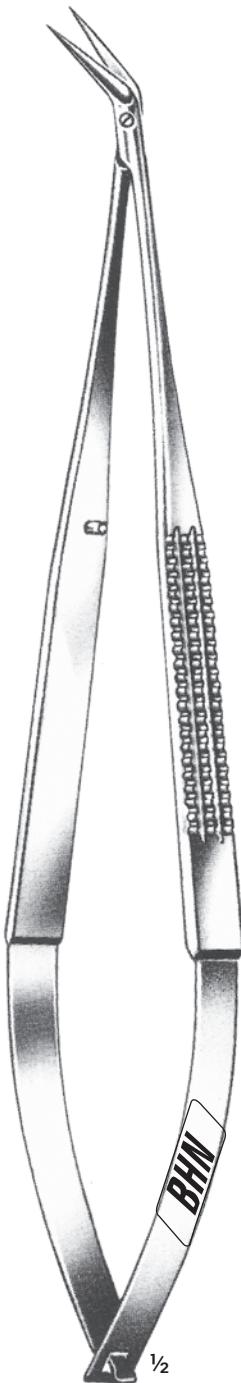




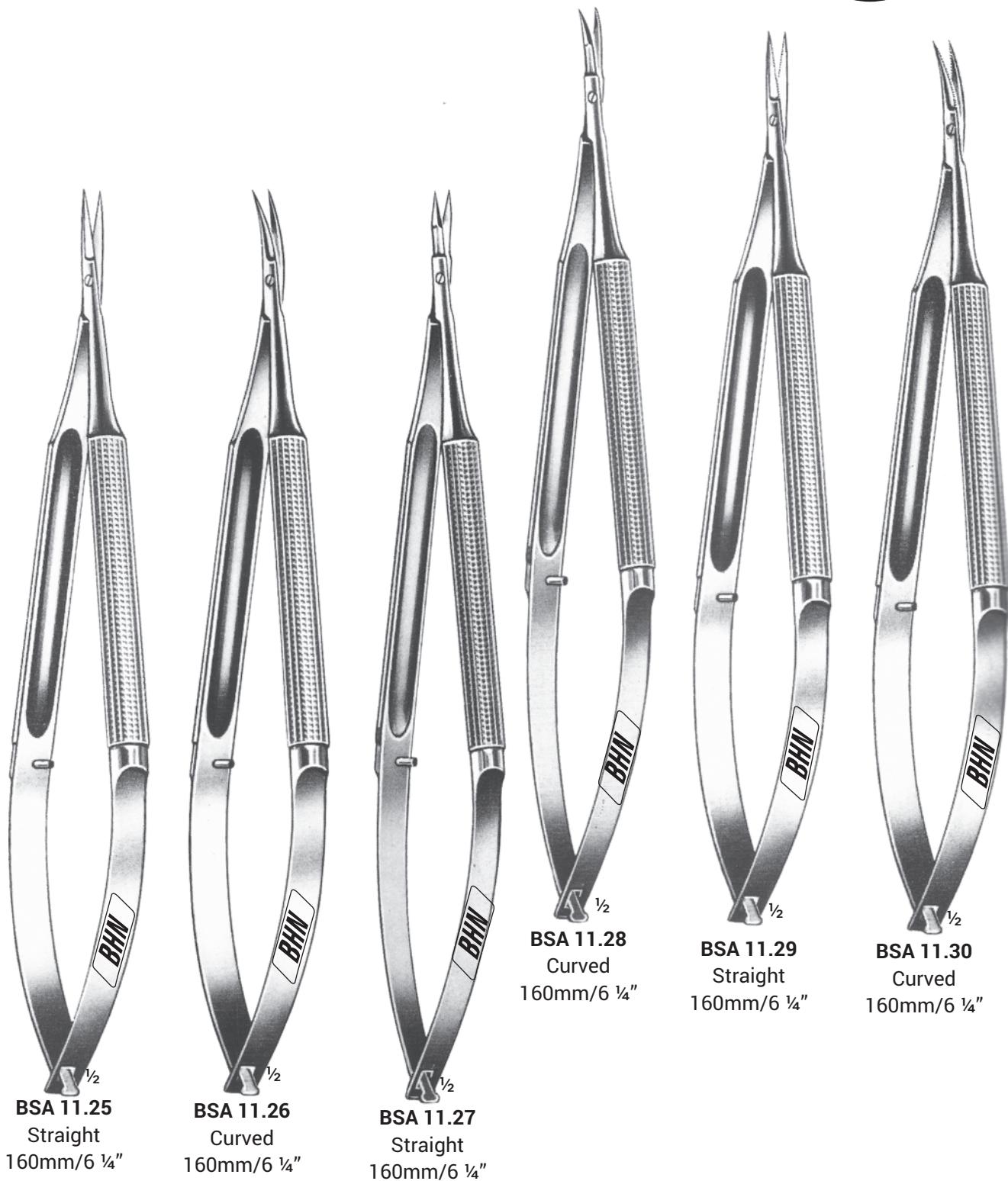
**BSA 11.22**  
Straight  
185mm/7 1/4"

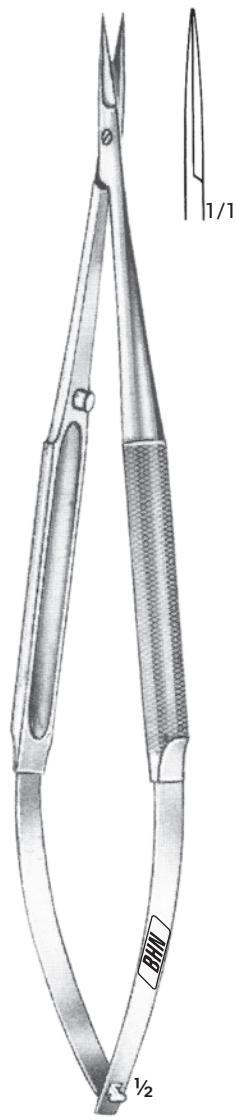


**BSA 11.23**  
Curved  
185mm/7 1/4"

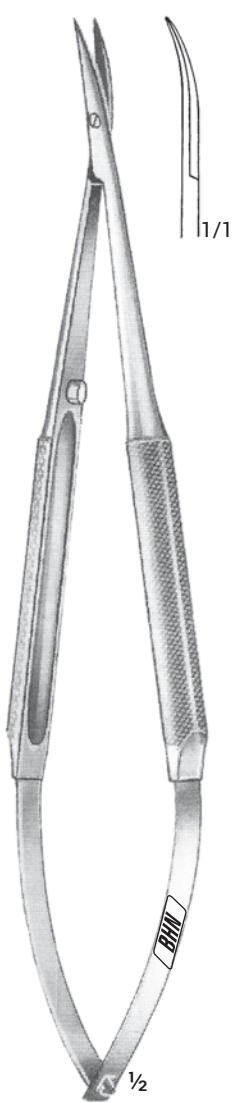


**BSA 11.24**  
Angular  
185mm/7 1/4"

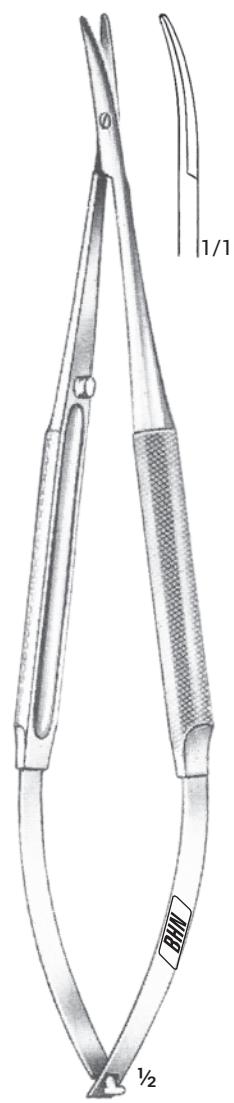




**BSA 11.31**  
Straight  
145mm/5 ¾"



**BSA 11.32**  
Curved  
145mm/5 ¾"



**BSA 11.33**  
Curved  
145mm/5 ¾"



**BSA 11.40**  
180mm/7"



**BSA 11.41**  
180mm/7"



**BSA 11.42**  
180mm/7"

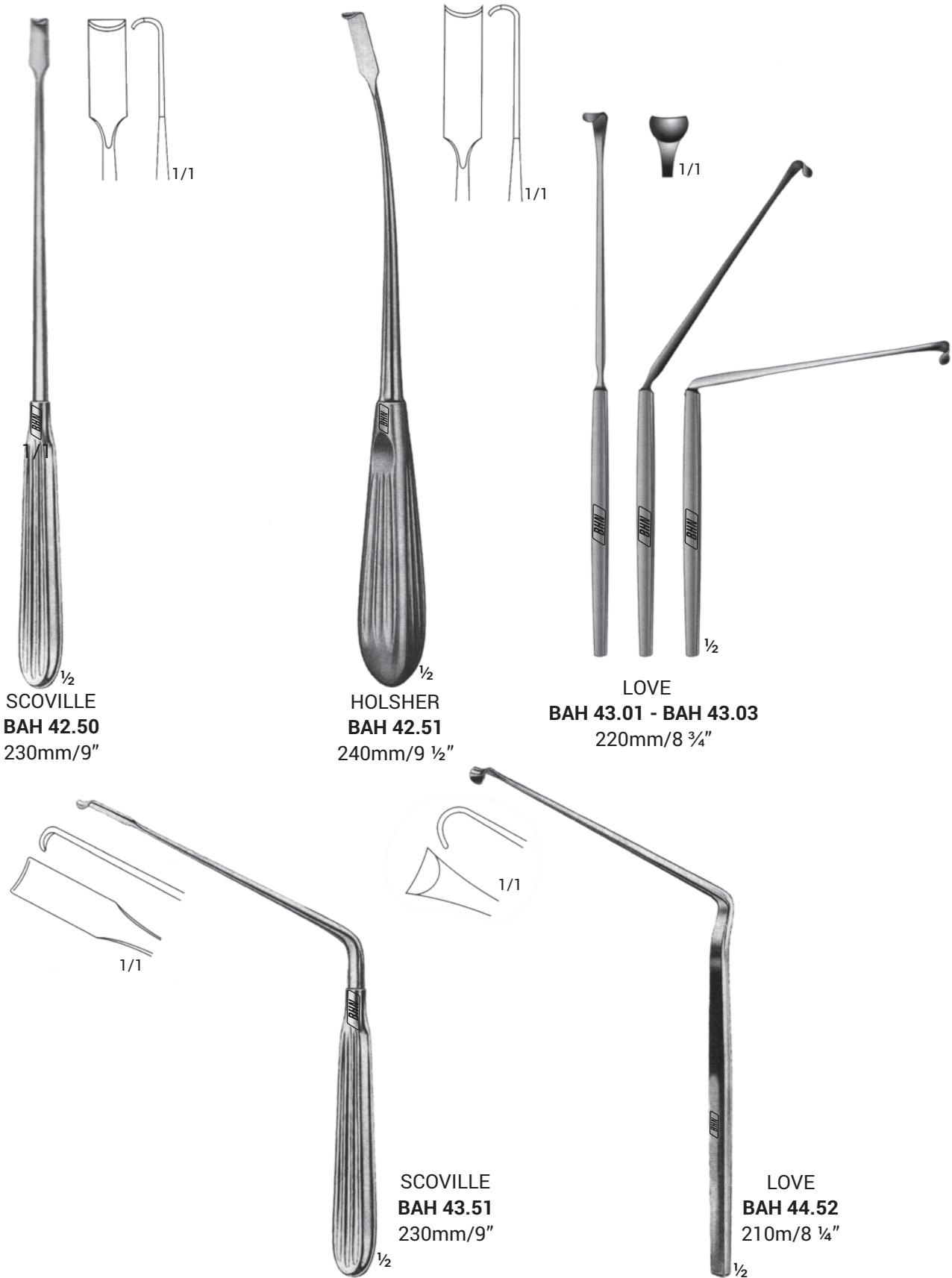


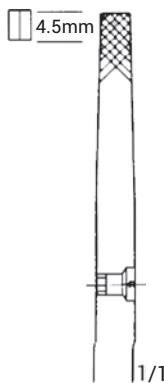
**BSA 11.43**  
180mm/7"



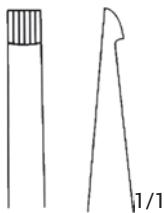
**BSA 11.44**  
180mm/7"

Micro Potts Scissors  
Spring Type, Round Handle

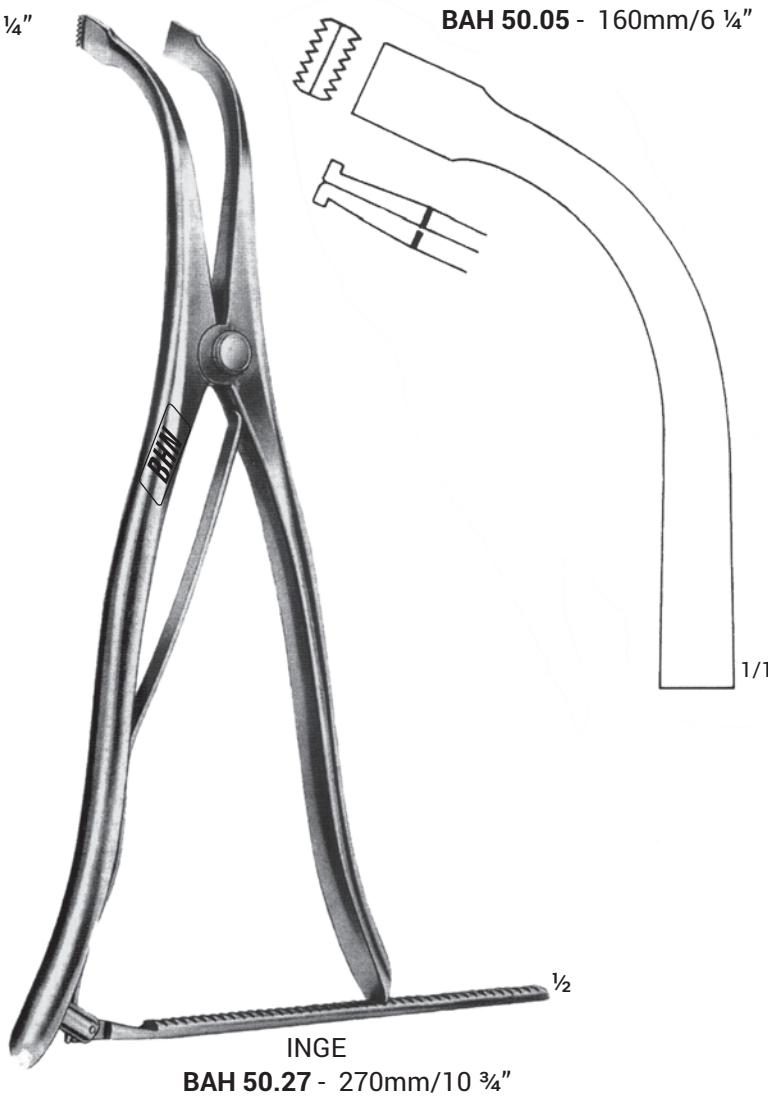
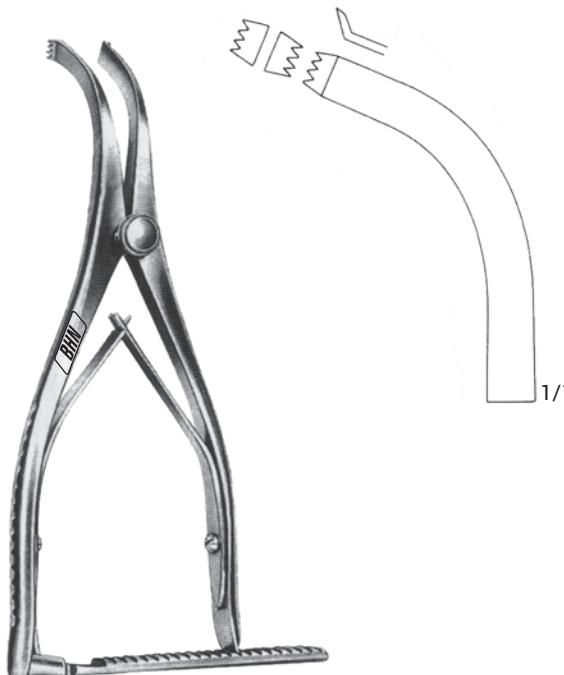
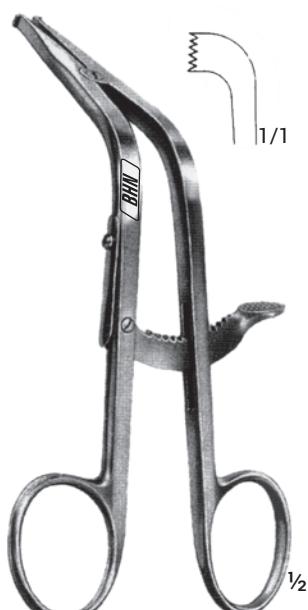




CLOWARD  
LAMINA SPREADER  
MAX.OPEN 20mm  
**BAH 49.25 - 135mm/5 ¼"**

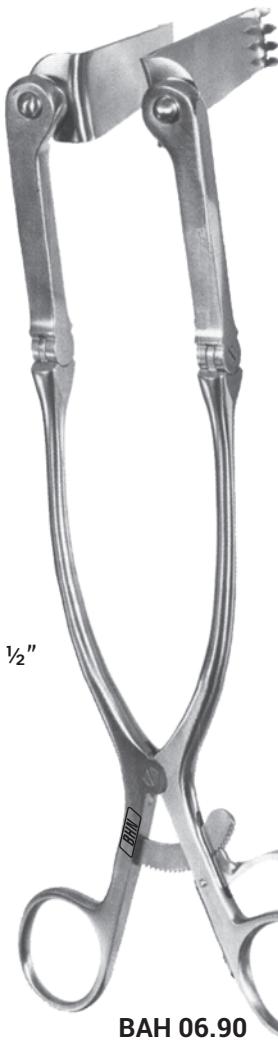


CLOWARD  
CERVICAL VERTEBRA  
SPREADER  
MAX.OPEN 15mm  
**BAH 49.50 - 160mm/6 ¼"**

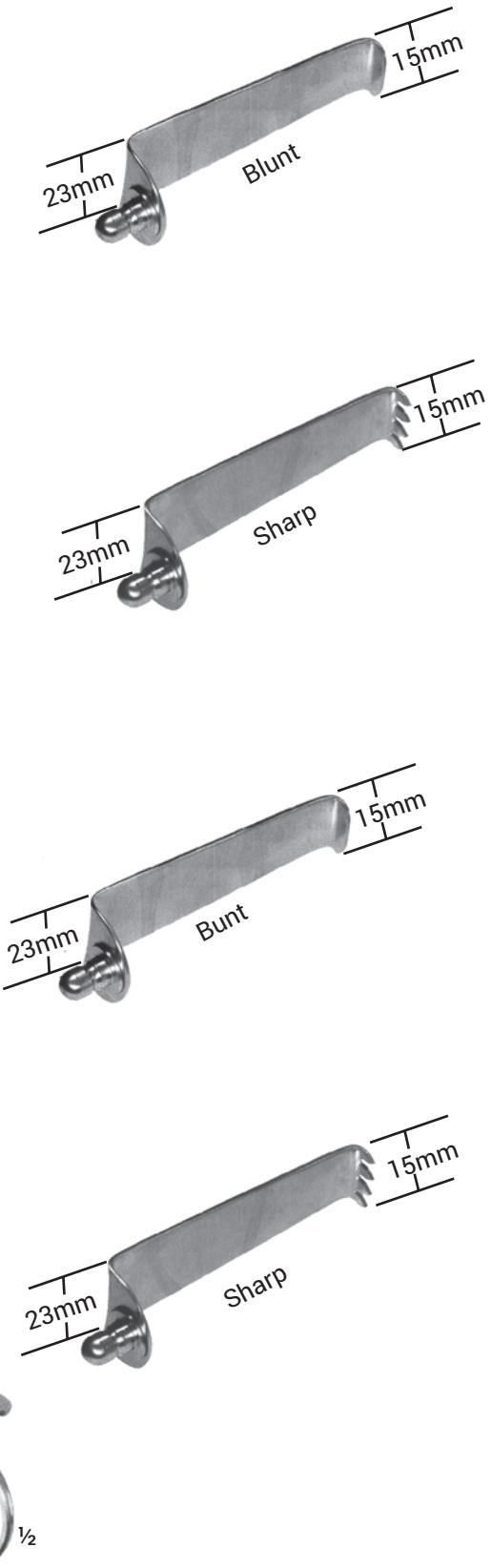


**BAH 06.91**

CLOWARD  
Small Cervical Retractor  
Hinged Arms  
Total Opening 65mm/2  $\frac{1}{2}$ "  
Length 170mm/6  $\frac{3}{4}$ "  
Set of 12 Blades  
35mm,40mm,45mm  
50mm,55mm,60mm  
**BAH 06.91**

**BAH 06.90**

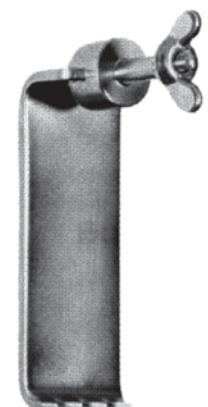
CLOWARD  
Large Cervical Retractor  
Hinged Arms  
Total Opening 115mm/4  $\frac{1}{2}$ "  
Length 255mm/10"  
Set of 10 Blades  
60mm,40mm,45mm  
50mm,55mm,60mm  
**BAH 06.90**





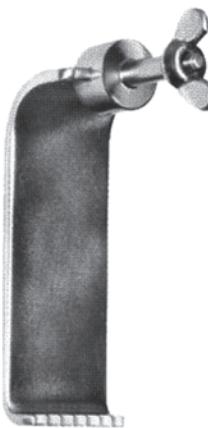
BAH 40.55

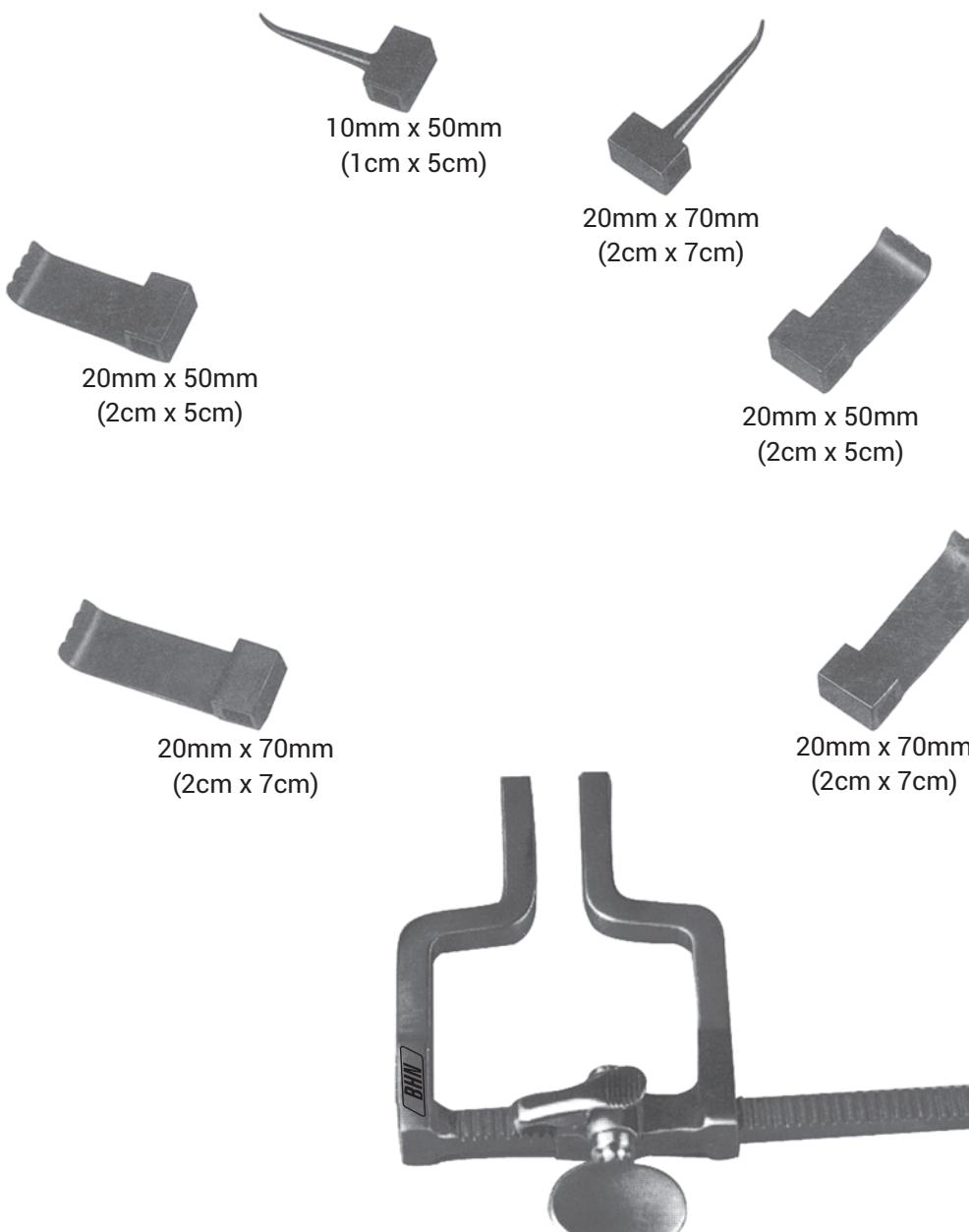
SCOVILLE  
(Hemilaminectomy Retractor)  
Arms Long 5"  
Total Opening 5"  
Hooks 2" & 3"  
Blades  
wide 1", Deep 2 1/2"



BAH 40.56

SCOVILLE  
(Cervical Disc Retractor)  
Arms Long 5"  
Total Opening 5"  
Hooks 1 1/2" & 2 3/4,"  
Meyering Type Blades  
wide 1", Deep 2"  
wide 1", Deep 3 1/4"  
wide 1", Deep 3 1/2"



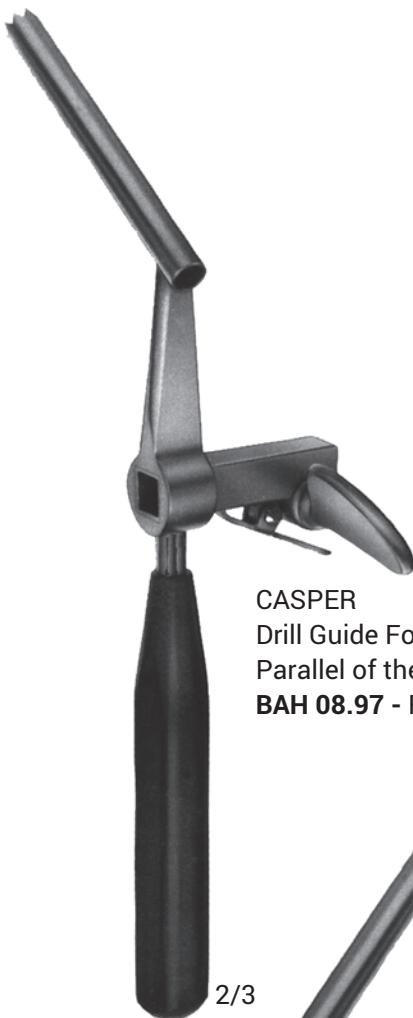


DR.RAMANI'S  
(Modified Micro Lumbar Retractor with Blades)

**BAH 24.57**



CASPER  
Vertebral Body Distractor  
**BAH 08.90 - Right**



CASPER  
Drill Guide For  
Parallel of the Distraction  
**BAH 08.97 - Right**



CASPER  
Vertebral Body Distractor  
**BAH 09.00 - Left**



CASPER  
Drill Guide For  
Parallel of the Distraction  
**BAH 09.07 - Left**



CASPER  
Twist Drill Pre-boring holes  
For Distraction  
Depth 8mm, 145mm/5 ¾"  
**BAH 09.11 - Ø 1.7mm**



CASPER  
Distraction Screws  
**BAH 09.12 - Ø 12mm**  
**BAH 09.13 - Ø 14mm**  
**BAH 09.14 - Ø 16mm**  
**BAH 09.16 - Ø 18mm**



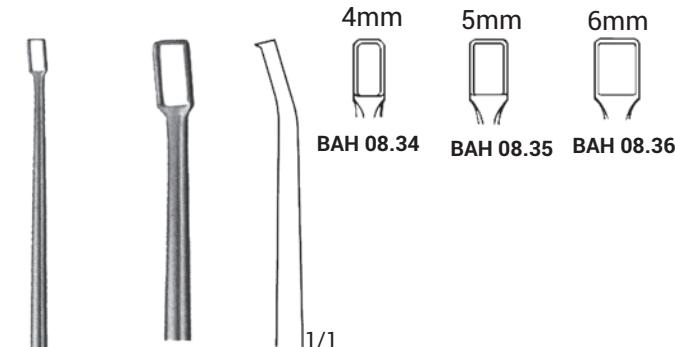
CASPER  
Bone Graft Holder and Impactor  
**BAH 09.22 - 220mm/8 ¼"**



CASPER  
Screw Driver for Distraction Screws  
**BAH 09.17 - 200mm/8"**







CASPER  
Curette Toothed  
220mm/8 ¾"  
**BAH 08.34** - 4mm  
**BAH 08.35** - 5mm  
**BAH 08.36** - 6mm



CASPER  
Scoop  
220mm/8 ¾"

3.6 x 5mm  
**BAH 07.73** - Straight  
**BAH 07.74** - Curved

4.4 x 6.2mm  
**BAH 07.75** - Straight  
**BAH 07.76** - Curved

5.2 x 7.3mm  
**BAH 07.77** - Straight  
**BAH 07.78** - Curved



3.6 x 5mm  
**BAH 07.73**

3.6 x 5mm  
**BAH 07.74**

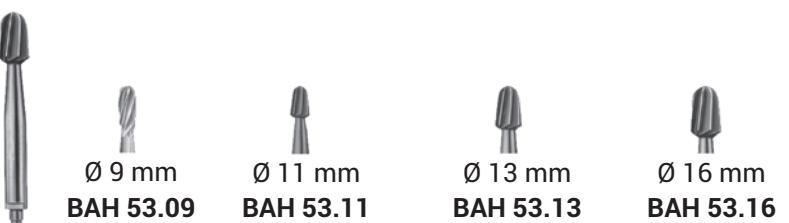
4.4 x 6.2mm  
**BAH 07.75**

4.4 x 6.2mm  
**BAH 07.76**

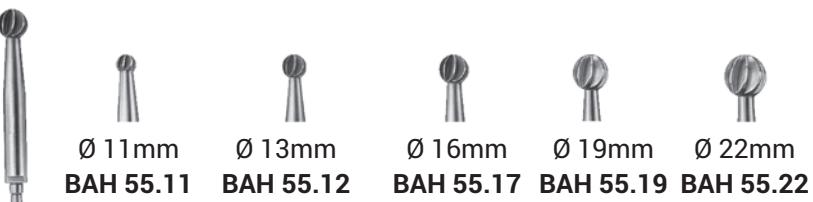
5.2 x 7.3mm  
**BAH 07.77**

5.2 x 7.3mm  
**BAH 07.78**

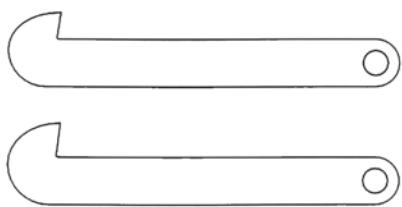
EXTENSION PIECE  
**BAH 53.05**



BRACE ONLY  
**BAH 53.03**



Ø 10mm      Ø 12mm      Ø 15mm      Ø 12mm      Ø 13mm      Ø 15mm  
**BAH 56.10    BAH 56.12    BAH 56.15    BAH 57.12    BAH 57.13    BAH 57.15**



DE VILBISS  
1 small Blade  
1 Large Blade  
210mm/8 1/4"  
**BAH 56.34**



DAHIGREN  
2 spare Blades  
210mm/8"  
**BAH 56.35**



BAH 52.04 Ø 3.5 mm      BAH 52.05 Ø 5 mm



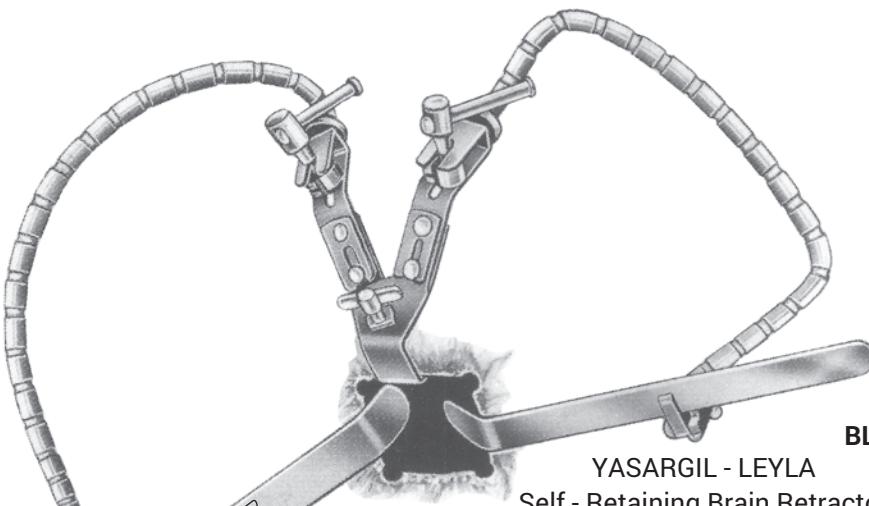
BAH 52.01

CRUTCHFIELD  
Adult with wrench  
BAH 70.74

**BLR 60.01**

YASARGIL - LEYLA  
Self - Retaining Brain Retractor  
with 1 Flexible Single Arm  
Consisting of:

- BLR 60.04** - No. 1
- BLR 60.05** - No. 1
- BLR 60.07** - No. 1
- BLR 60.08** - No. 1
- BLR 60.09** - No. 1
- BLR 60.10** - No. 1

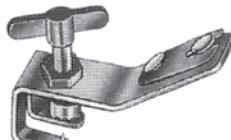
**BLR 60.02**

YASARGIL - LEYLA  
Self - Retaining Brain Retractor  
with 2 Flexible Double Arm  
Consisting of :

- BLR 60.04** - No. 2
- BLR 60.06** - No. 1
- BLR 60.07** - No. 1
- BLR 60.08** - No. 1
- BLR 60.09** - No. 1
- BLR 60.10** - No. 1
- BLR 60.11** - No. 1



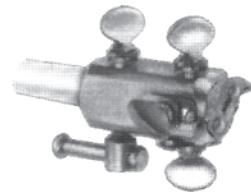
**BLR 60.04**  
Flexible Arm



**BLR 60.05**  
Fixation Base For Single Arm



**BLR 60.06**  
Fixation Base For Double Arm



**BLR 60.07**  
Skull Mount For Double Arm



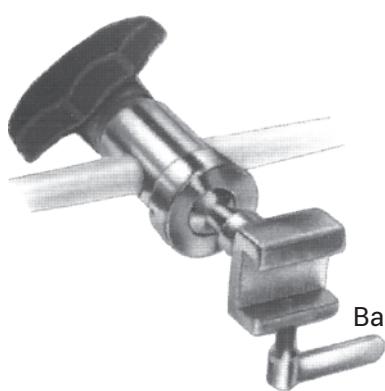
**BLR 60.08**  
Holding Rod



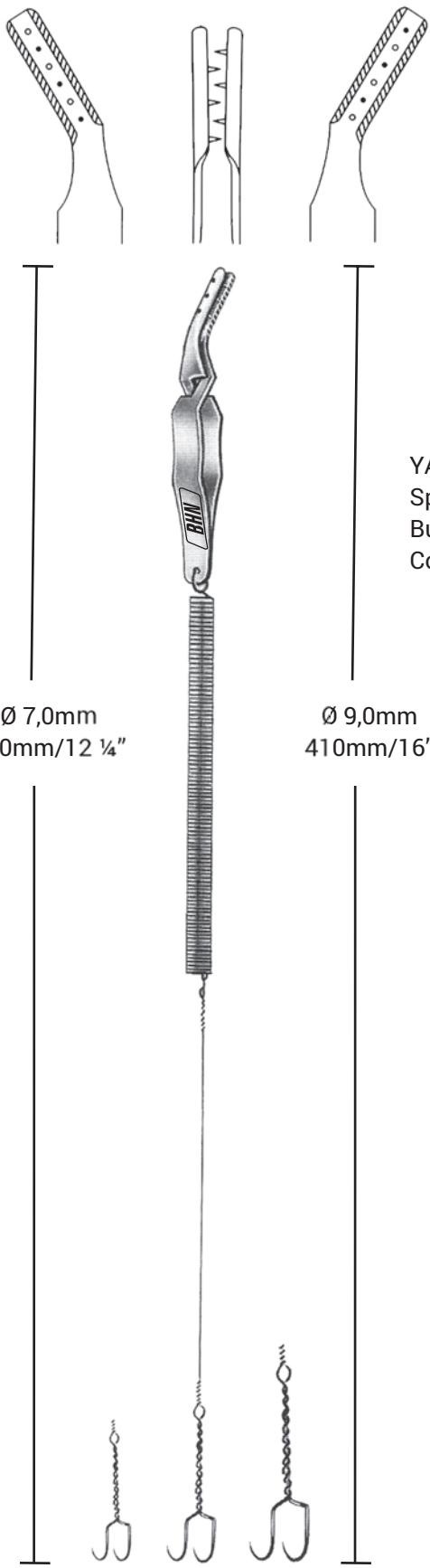
**BLR 60.10**  
Round Shaft Brain Spatulas Support



**BLR 60.11**  
Flat Brain Spatulas Support



**BLR 60.09**  
Ball Joint Socket



Ø 7,0mm  
310mm/12 ¼"

Ø 9,0mm  
410mm/16"

YASARGIL  
Spring Hook for Galae Fixation with  
Bulldog Clamp, Be Fastened to  
Covering Drap

**BAH 61.01 - 310mm/12 ¼"**

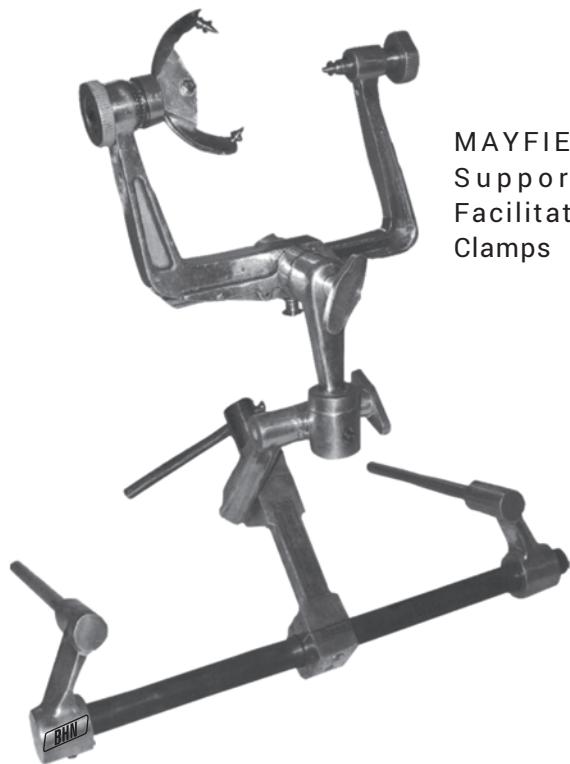
**BAH 61.02 - 410mm/16"**



MAYFIELD SKULL CLAMP  
3 Pin Point Rigid Cranial  
Fixation

- 1) Provide Visual Indication of Clamping Forceps on All 3 Skull Pins
- 2) Adjust Force on All 3 Skull Pins
- 3) Equal of Pins Ensure Firm Skull Positioning and Fixation

**BAH 71.10**



MAYFIELD ULTRA BASE UNIT  
Support / Mounting Device  
Facilitates Attachment of Skull  
Clamps Headrest Systems to the

**BAH 71.12**  
**BAH 71.13**



MAYFIELD ADULT HORSESHOE  
Headrest with Table Attachment

Horseshoe Shaped Headrest  
Provides Cranial Supports in  
the prone OR Supine Position for Adult

**BAH 70.87**



MAYFIELD CHILD HORSESHOE  
Headrest with Table Attachment  
Horseshoe Shaped Headrest  
Provides Cranial Supports in  
the prone OR Supine Position  
for Child

**BAH 70.88**



MAYFIELD INFINITY SKULL CLAMP  
3 Pin Point Rigid Cranial Fixation.

Added Length and Curved  
Contours of the Skull Clamp  
Upright Allow Clamp to Better  
Interface with the Horseshoe  
Headrests of the Infinity Support  
Systems

**BAH 70.89**



MAYFIELD MODIFIED SKULL CLAMP  
3 Pin Point Rigid Cranial Fixation.

- 1) Flexibility and Safety in Positioning of Skull Pins Around Critical Areas.
- 2) Quick - Release Lock Enables Easy Removal

**BAH 70.90**



WILSON FRAME  
For Spine Surgery

BAH 70.80



DOUBLE BALL SOCKET  
Attachment  
Horse - Shoe Type  
**BAH 70.81**



MAYFIELD NEUROGEN ADAPTOR

Support / Mounting Device that Allow Attachment of Base Units  
to the OR Table When Receptacle Hole are Absent OR Inappropriate  
Easy Attaches to OR Table Side Railing

**BAH 70.83**



MAYFIELD HORSESHOE HEADREST  
with Pulley Traction

**BAH 70.82**



MAYFIELD CHILD REUSABLE SKULL PIN  
Fit All Mayfield to Allow Rigid Cranial Fixation  
**BAH 70.85**

