

inside  ed

NEURO & ORTHO INSTRUMENTS

Instruments - for Bone & Neuro Surgery



OP



Dressings

OB



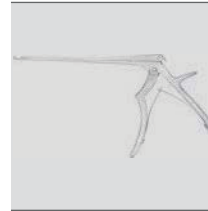
Bone Surgery

OC



Bone Surgery

NU



Neuro Surgery



OP

OB

OC

NU

Bandage Scissors



LORENZ
OP155.23
24 cm/9½"



BRUNS
24 cm/9½"
One tooth Edge Smooth
OP223.24
OP223.26



BRUNS
OP297.24
23.5 cm/9½"



BERGMANN
OP195.23
23 cm/9"

Bandage Scissors



ESMARCH
OP205.20
20 cm/8"



OP160.14
14.5 cm/5¾"



LISTER
11.0 cm/4½"
14.5 cm/5¾"
18.5 cm/7¼"
20.0 cm/8"
GS1000.16
OP165.14
OP165.18
OP165.20

Bandage Scissors



LISTER
OP291.18
18 cm/7"

Bandage Scissors



UNIVERSAL
15.5 cm/6" **OP209.15**
19.0 cm/7½" **OP209.18**

Plaster Shears



STILLE-MARTIN
23 cm/9" **OP275.23**
27 cm/10¾" **OP275.26**
38 cm/15" **OP275.37**

Plaster Spreaders



HENNIG
OP520.28
28 cm/11"



QUATTRO
OP522.23
23 cm/9"

Plaster Breakers



WOLFF
17.5 cm/7" **OP541.18**
26.5 cm/10½" **OP545.24**

Plaster Knives



HOPKINS
OP401.20
20 cm/8"



ESMARCH
OP420.18
18 cm/7½"



REINER
OP425.18
18 cm/7½"

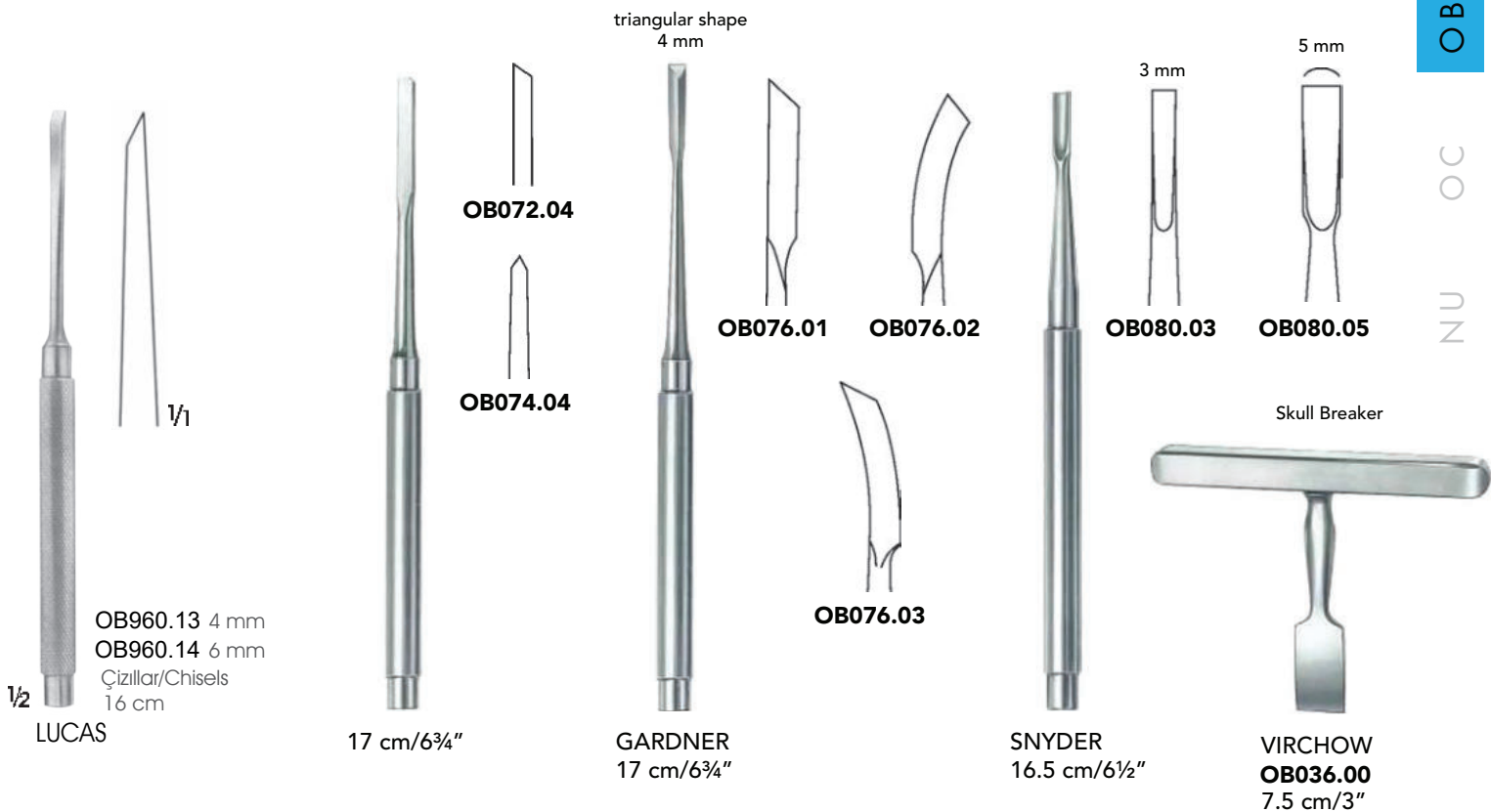


OP

OB

OC

NU



13.5 cm/5 1/4"

4 mm	OB100.04		
6 mm	OB100.06		
8 mm	OB100.08	OB101.08	OB102.08
10 mm	OB100.10	OB101.10	OB102.10
12 mm	OB100.12	OB101.12	OB102.12
14 mm	OB100.14	OB101.14	OB102.14
16 mm	OB100.16	OB101.16	OB102.16



PARTSCH

13.5 cm/5 1/4"

2 mm
3 mm
4 mm
5 mm
6 mm

OB105.02
OB105.03
OB105.04
OB105.05
OB105.06



PARTSCH

17 cm/6 3/4"

OB106.02
OB106.03
OB106.04
OB106.05
OB106.06



PARTSCH

13.5 cm/5 1/4"

OB109.02
OB109.03
OB109.04
OB109.05
OB109.06



PARTSCH

16.5 cm/6 1/2"

OB110.02
OB110.03
OB110.04
OB110.05
OB110.06



4 mm	OB118.04	OB119.04
6 mm	OB118.06	OB119.06
8 mm	OB118.08	OB119.08
10 mm	OB118.10	OB119.10
12 mm	OB118.12	OB119.12
14 mm	OB118.14	OB119.14

STILLE
OB960.48 10 mm
OB960.49 12 mm
OB960.50 15 mm
OB960.51 20 mm
OB960.52 25 mm
 20.5 cm

8 mm	OB123.08	OB124.08	OB125.08	OB127.08
10 mm	OB123.10	OB124.10	OB125.10	OB127.10
12 mm	OB123.12	OB124.12	OB125.12	OB127.12
15 mm	OB123.15	OB124.15	OB125.15	OB127.15
20 mm	OB123.20	OB124.20	OB125.20	OB127.20
25 mm	OB123.25	OB124.25	OB125.25	OB127.25

LAMBOTTE-MINI
12.5 cm/5"

2 mm	OB136.02
3 mm	OB136.03
4 mm	OB136.04
6 mm	OB136.06
8 mm	OB136.08
10 mm	OB136.10
12 mm	OB136.12
15 mm	OB136.15

LAMBOTTE-MINI
17.5 cm/7"

3 mm	OB136.53
4 mm	OB136.54
6 mm	OB136.56
8 mm	OB136.58
10 mm	OB136.60
12 mm	OB136.62
15 mm	OB136.65

LAMBOTTE
24 cm/9½"

4 mm	OB138.04
6 mm	OB138.06
8 mm	OB138.08
10 mm	OB138.10
13 mm	OB138.13
15 mm	OB138.15
18 mm	OB138.18
20 mm	OB138.20
25 mm	OB138.25
30 mm	OB138.30
38 mm	OB138.38
44 mm	OB138.44
50 mm	OB138.50

LAMBOTTE
24 cm/9½"

4 mm	OB139.04
6 mm	OB139.06
8 mm	OB139.08
10 mm	OB139.10
13 mm	OB139.13
15 mm	OB139.15
18 mm	OB139.18
20 mm	OB139.20
25 mm	OB139.25
30 mm	OB139.30
38 mm	OB139.38
44 mm	OB139.44
50 mm	OB139.50

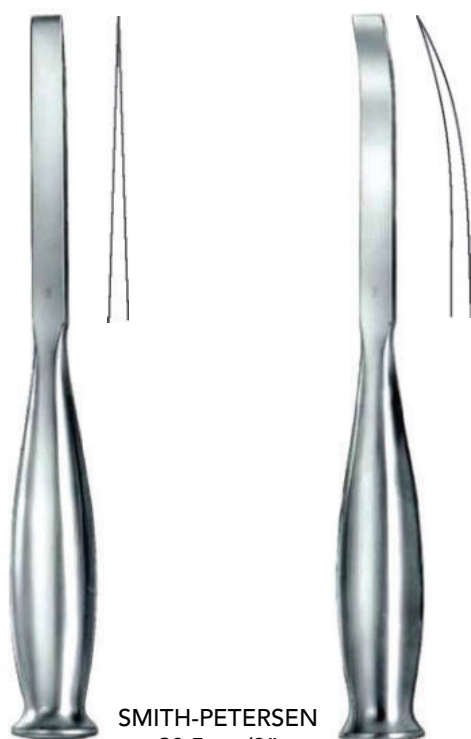


OP

OB

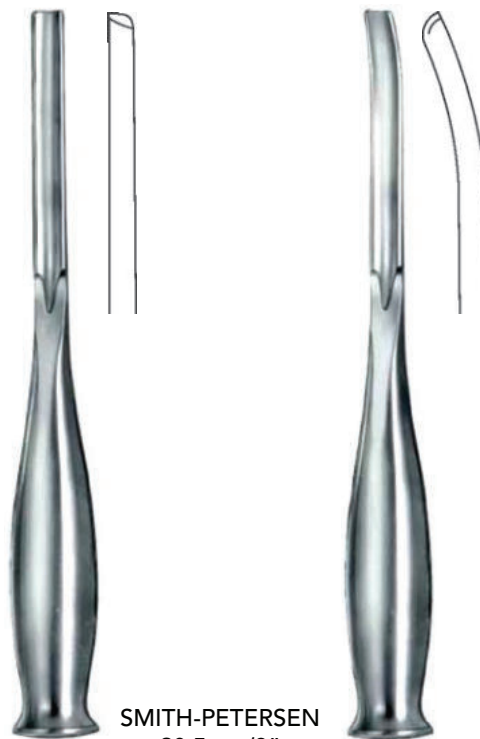
OC

NU



SMITH-PETERSEN
20.5 cm/8"

6 mm	OB154.06	OB155.06
9 mm	OB154.09	OB155.09
13 mm	OB154.13	OB155.13
16 mm	OB154.16	OB155.16
19 mm	OB154.19	OB155.19
25 mm	OB154.25	OB155.25
32 mm	OB154.32	OB155.32



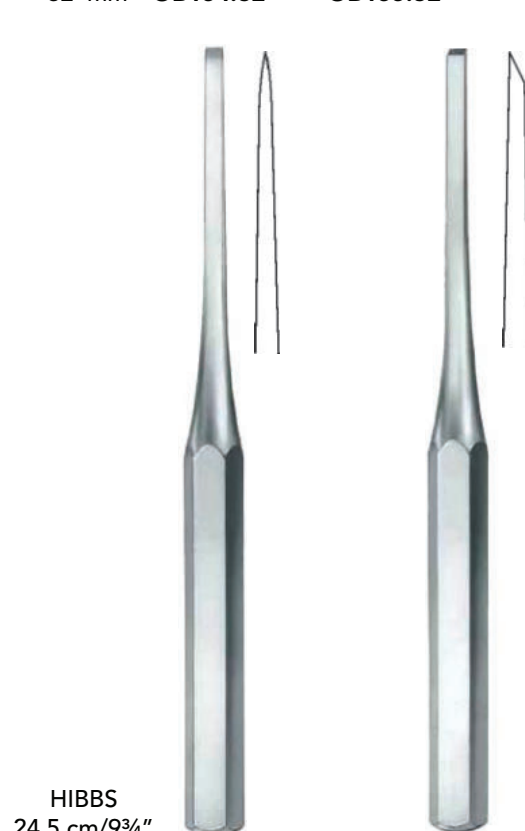
SMITH-PETERSEN
20.5 cm/8"

9 mm	OB156.09	OB157.09
14 mm	OB156.16	OB157.16
19 mm	OB156.19	OB157.19
25 mm	OB156.25	OB157.25



HOKE
17 cm/6 3/4"

3 mm	OB162.03
5 mm	OB162.05
6 mm	OB162.06
8 mm	OB162.08
9 mm	OB162.09



HIBBS
24.5 cm/9 3/4"

6 mm	OB170.06	OB172.06
13 mm	OB170.13	OB172.13
19 mm	OB170.19	OB172.19
25 mm	OB170.25	OB172.25
32 mm	OB170.32	OB172.32



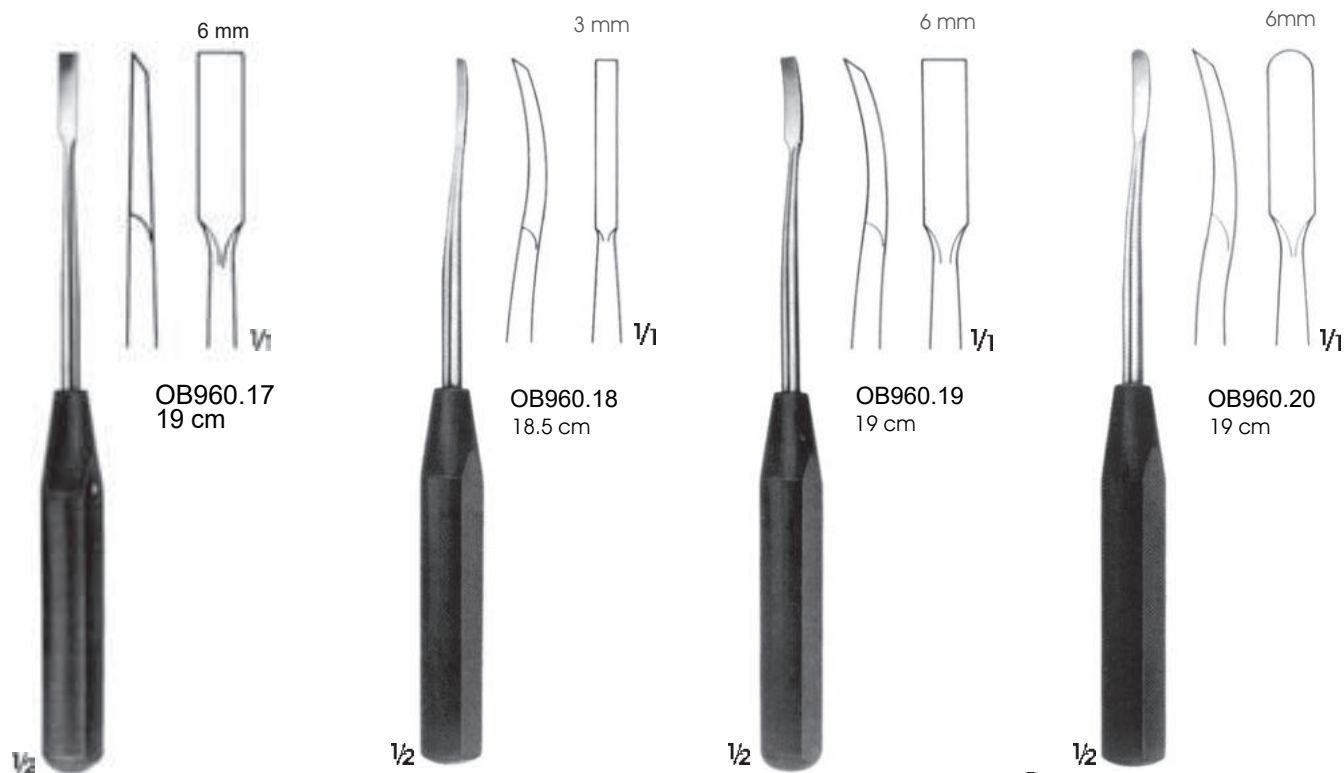
OB173.06
OB173.13
OB173.19
OB173.25
OB173.32



OB176.06
OB176.13
OB176.19
OB176.25
OB176.32



OB177.06
OB177.13
OB177.19
OB177.25
OB177.32


 ZIELKE
 23 cm/9"

 5.5 mm **OB112.05**
 9 mm **OB112.09**

 LEXER
 24.5 cm/9 3/4"

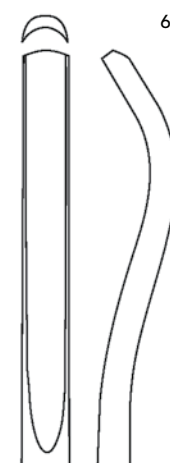
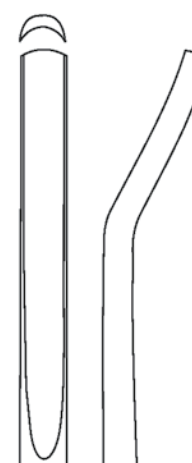
 5 mm **OB131.05**
 10 mm **OB131.10**
 15 mm **OB131.15**

 LEXER
 24.5 cm/9 3/4"

 5 mm **OB131.55**
 10 mm **OB131.60**
 15 mm **OB131.65**

 COBB
 28 cm/11"

OB160.01

OB160.02

OB160.03

OB160.04



OP

OB

OC

NU



LEXER
22 cm/8¾"

5 mm	OB134.05
7 mm	OB134.07
10 mm	OB134.10
15 mm	OB134.15
20 mm	OB134.25
25 mm	OB134.20
30 mm	OB134.30



LEXER
22 cm/8¾"

5 mm	OB135.05
7 mm	OB135.07
10 mm	OB135.10
15 mm	OB135.15
20 mm	OB135.25
25 mm	OB135.20
30 mm	OB135.30



LEXER-MINI
18 cm/7"

4 mm	OB132.04
6 mm	OB132.06
8 mm	OB132.08
10 mm	OB132.10
12 mm	OB132.12



LEXER-MINI
18 cm/7"

4 mm	OB133.04
8 mm	OB133.06
8 mm	OB133.08
10 mm	OB133.10
12 mm	OB133.12



VOLKMANN

Fig.	17 cm/7"	27 cm/10¾"
0000	OB280.40	
000	OB280.30	
00	OB280.20	
0	OB280.10	OB282.10
1	OB280.01	OB282.01
2	OB280.02	OB282.02
3	OB280.03	OB282.03
4	OB280.04	OB282.04
5	OB280.05	
6	OB280.06	



CASPER
22 cm/8¾"

Ø 3 mm	OB197.03
Ø 5 mm	OB197.05
Ø 7 mm	OB197.07
Ø 8 mm	OB197.08
Ø 9 mm	OB197.09



20 cm/8"

Ø 12 mm	OB199.12
Ø 14 mm	OB199.14
Ø 16 mm	OB199.16



OB960.81
3.5 mm

OB960.82
2.5 mm

PASSOW
OB960.81-82
12 cm



15.5 cm/6"

Ø 2 mm	OB198.02
Ø 3 mm	OB198.03
Ø 4 mm	OB198.04
Ø 5 mm	OB198.05
Ø 6 mm	OB198.06
Ø 7 mm	OB198.06
Ø 8 mm	OB198.08
Ø 9 mm	OB198.08
Ø 10 mm	OB198.10



WILLIGER
24 cm/9½"

Ø 26 mm 275g **OB200.01**
Ø 28 mm 320g **OB200.02**
Ø 30 mm 340g **OB200.03**



DOYEN
20.5 cm/8¼"

Ø 25 mm 120g **OB204.01**
Ø 30 mm 170g **OB204.02**
Ø 35 mm 260g **OB204.03**



220g
Ø 30 mm

COLLIN
OB208.20
20 cm/7¾"



LUCAE
19.5 cm/7¾"

Ø 19 mm 230g **OB214.01**
Ø 25 mm 260g **OB214.02**



300g
Ø 30 mm

COTTLE
OB215.19
19 cm/7½"



Ø 40 mm
520 gr

1/2
OMBREDANNE
OB960.56
24 cm



140g
Ø 20 mm

WILLIGER
OB216.01
16.5 cm/6½"



450g
Ø 30 mm

MEAD
OB220.17
19 cm/7½"



OB221.00

Spare facing pair



175g
Ø 27 mm

PARTSCH
OB224.18 175 gr. 19 cm/7½"
OB1000.56 150 gr. 18 cm/7"



Ø 27 mm

1/2
HAJEK
OB960.21
135 gr.
22 cm



Ø 22

1/2
OB960.22
155 gr
19 cm



Ø 30 mm

Ø 42 mm
285 gr

1/2
OB960.43
24 cm



OP

OB

OC

NU





SCHEDE

Fig.	17 cm/7"
000	OB300.30
00	OB320.20
0	OB300.10
1	OB333.01
2	OB333.02
3	OB333.03
4	OB333.04



VOLKMANN

Fig.	17 cm/7"
0000	OB304.40
000	OB304.30
00	OB304.20
0	OB304.10
1	OB305.01
2	OB305.02
3	OB305.03
4	OB305.04
5	OB305.05
6	OB305.06



BRUNS

Fig.	17 cm/7"
0000	OB308.40
000	OB308.30
00	OB308.20
0	OB308.10
1	OB339.01
2	OB339.02
3	OB339.03
4	OB339.04
5	OB339.05
6	OB339.06



BRUNS

Fig.	17 cm/7"
000	OB960.65
00	OB960.66
0	OB960.67
1	OB960.68
2	OB960.69
3	OB960.70
4	OB960.71



SPRATT

Fig.	20 cm
0000	OB312.40
000	OB312.30
00	OB312.20
0	OB312.10
1	OB313.01
2	OB313.02
3	OB313.03
4	OB313.04
5	OB313.05



SPRATT

Fig.	20 cm
0000	OB960.72
000	OB960.73
00	OB960.74
0	OB960.75
1	OB960.76
2	OB960.77
3	OB960.78
4	OB960.79
5	OB960.80



DAUBENSPECK

Fig.	17 cm/7"
0000	OB306.40
000	OB306.30
00	OB306.20
0	OB306.10



MODELL USA

Fig.	16.5 cm/6½"
1	OB.344.01
2	OB.344.02
3	OB.344.03
4	OB.344.04
5	OB.344.05
6	OB.344.06



MODELL USA

Fig.	16.5 cm/6½"
1	OB.345.01
2	OB.345.02
3	OB.345.03
4	OB.345.04
5	OB.345.05
6	OB.345.06



MODELL USA

Fig.	16.5 cm/6½"
1	OB.347.01
2	OB.347.02
3	OB.347.03
4	OB.347.04
5	OB.347.05
6	OB.347.06

HALLE

Fig.	25 cm/9¾"
1	OB.350.01
2	OB.350.02
3	OB.350.03





15 cm/6"
Fig. WILLIGER
00/00 **OB359.00**
0/0 **OB359.10**
1/1 **OB359.12**



JACOBSEN
OB351.14
14 cm/5½"



VOLKMANN
12.5 cm/4¾" **OB352.13**
14.5 cm/5¾" **OB352.14**
17.0 cm/6¾" **OB352.17**



VOLKMANN
13 cm/5" **OB354.13**
16 cm/6¼" **OB354.16**
20 cm/8" **OB354.20**



14 cm/5½"
Fig. WILLIGER
00/0 **OB358.00**
0/1 **OB358.01**
1/2 **OB358.12**



MOLT
OB395.24
19 cm/7½" 3 mm **OB348.03**
4 mm **OB348.04**
5 mm **OB348.05**



BUSHE
25 cm/9¾" **OB348.03**



OB356.21
21 cm/8¼"



SCOVILLE
25 cm/9¾" **OB336.25**
OB337.25
OB339.25



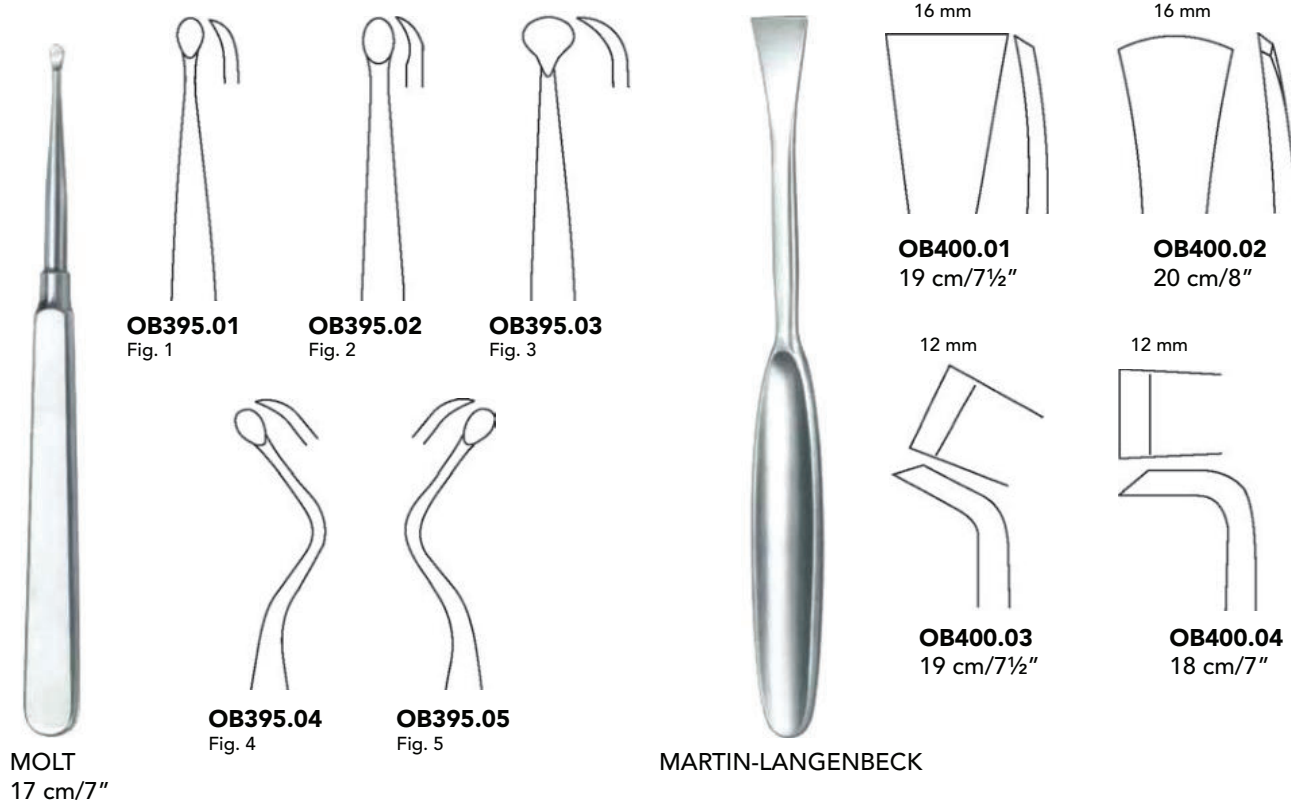
SIMON
Fig. 22.5 cm/8¾"
1 **OB340.01**
2 **OB340.02**
3 **OB340.03**
4 **OB340.04**
5 **OB340.05**
6 **OB340.06**



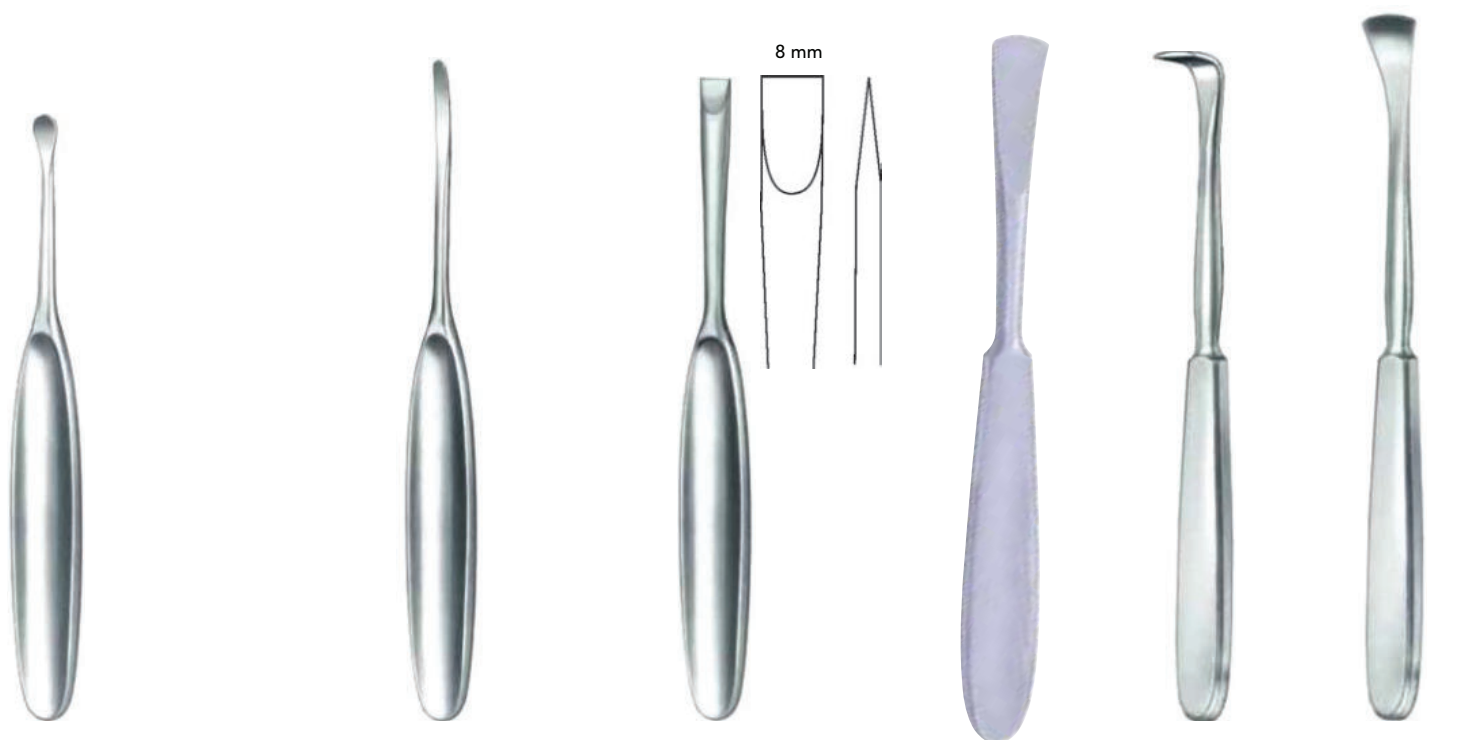
Fig. 25 cm/9¾"
000 **OB342.30**
00 **OB342.20**
0 **OB342.10**
1 **OB342.01**



BRUNS
Fig. 23 cm/9"
000 **OB334.30**
00 **OB334.20**
0 **OB334.10**
1 **OB335.01**
2 **OB335.02**
3 **OB335.03**
4 **OB335.04**
5 **OB335.05**
6 **OB335.06**



Periosteal Elevators



19 cm/6¼" 7 mm **OB400.10**
 18.5 cm/7¼" 15 mm **OB400.11**
 19 cm/7½" 20 mm **OB400.12**

17.5 cm/6¾" 4 mm **OB400.20**
 17.5 cm/6¾" 6 mm **OB400.21**
 19.5 cm/7¾" 5 mm **OB400.25**
 19.5 cm/7¾" 7 mm **OB400.26**

MARTIN-CUSHING
OB400.30
 17 cm/6¾"

CUSHING
 20,5 cm
 6 mm **NU1000.72**

LANGENBECK
OB401.18
 18 cm/7"

LANGENBECK
OB402.19
 19 cm/7½"



OP

OB

OC

NU

4.5 mm



LANDOLT
OB404.18
17.5 cm/6¾"

15 mm



JANSEN
OB405.17
16.5 cm/6½"

5 mm



KOENIG
OB406.16
15.5 cm/6"

8 mm



TRELAT
OB407.15
15 cm/6"

13 mm



SCHNEIDER
OB408.18
17.5 cm/6¾"

13 mm



SCHNEIDER-
SAUERBRUCH
OB409.14
19 cm/7½"

delicate, angled, solid



16 cm/6¼"
5 mm **OB411.05**
6 mm **OB411.06**
7 mm **OB411.07**

9 mm



COTTLE
OB412.20
19 cm/7½"

6 mm



SEWALL
OB413.20
20 cm/8"

18 mm



SEDILLOT
OB414.19
18.5 cm/7¼"

11 mm



FARABEUF-COLLIN
15.5 cm/6¼"
Straight **OB416.11**
Curved **OB417.11**

12.5 mm

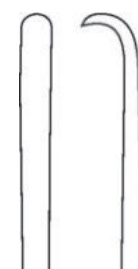


FARABEUF
15.5 cm/6¼"
Straight **OB418.15**
Curved **OB419.15**

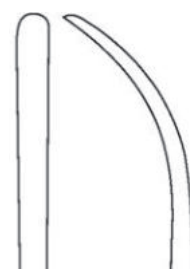
4 mm



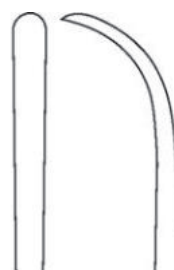
MÜHLING
17 cm/6¾"



OB421.01



OB421.02



OB421.03



OB421.04



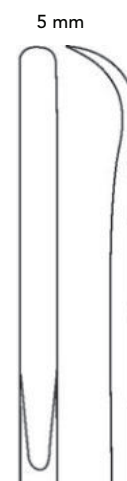
KEY

18 cm/7¼"	3 mm	OB423.01
18 cm/7¼"	6 mm	OB423.02
19 cm/7½"	10 mm	OB423.03
19 cm/7½"	13 mm	OB423.04
20 cm/8"	16 mm	OB423.05
20 cm/8"	19 mm	OB423.06
21 cm/8¼"	25 mm	OB423.07



COBB

	23 cm/9"	28 cm/11"
6 mm	OB.426.06	OB425.06
10 mm	OB.426.10	OB425.10
13 mm	OB.426.13	OB425.13
19 mm	OB.426.19	OB425.19
25 mm	OB.426.25	OB425.25

SEDILLOT
OB427.21
23 cm/9"KAHRE-WILLIGER
16.5 cm/6½"**OB436.04****OB436.05**

7 mm

WILLIGER
OB436.07
16 cm/6¼"

6 mm

WILLIGER
OB434.13
12.5 cm/5"

5 mm

WILLIGER
OB436.16
16 cm/6¼"17 cm/7"
3 mm **OB438.03**
6 mm **OB438.06**17 cm/7"
6 mm **OB439.06**
8 mm **OB439.08**



OP

OB

OC

NU



DOYEN

Right Curved



OB441.17
17 cm/6¾"

Left Curved



OB443.17
17 cm/6¾"

Right Curved



OB445.17
18 cm/7"

Left Curved



OB447.17
18 cm/7"

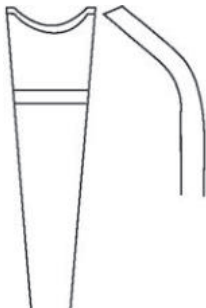


ALEXANDER
OB448.21
21 cm/8¼"



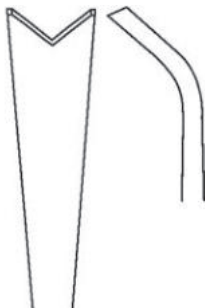
SEMB

12 mm



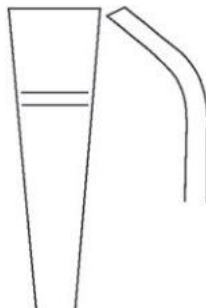
OB450.01
19 cm/7½"
Fig. 1

12 mm



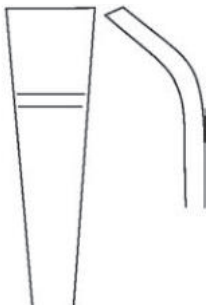
OB450.02
22 cm/8¾"
Fig. 2

13 mm



OB450.03
19 cm/7½"
Fig. 3

13 mm



OB450.04
22 cm/8¾"
Fig. 4

15 mm



OB450.05
23 cm/9"
Fig. 5

LAMBOTTE
21.5 cm/8½"

5 mm **OB461.05**
10 mm **OB461.10**
15 mm **OB461.15**
20 mm **OB461.20**
25 mm **OB461.25**




OB479.28
 28 cm/11"

OB481.24
 25 cm/9¾"

 flat solid
OB482.22
 22 cm/8¾"

 PUTTI
OB181.30
 30 cm/11¾"

 PUTTI
OB183.27
 27 cm/10½"

 ADSON
 17.5 cm/7"

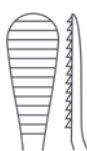
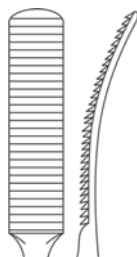
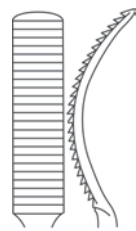
OB484.17

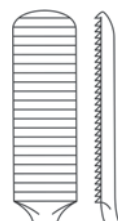
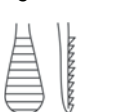
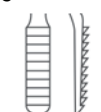
OB485.17

OB486.17

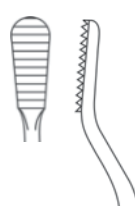
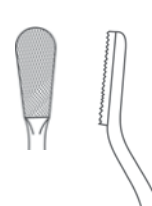
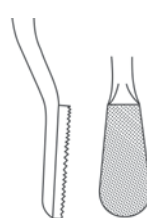
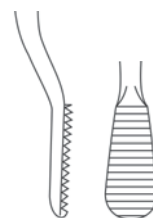
OB487.17

downwards cutting

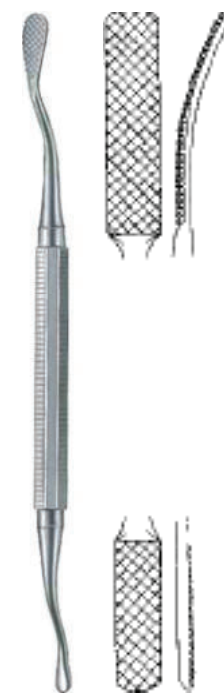

 MILLER-COLBURN
 18 cm/7"

OB490.01
 Fig. 1

OB490.02
 Fig. 2

OB490.03
 Fig. 3

OB490.04
 Fig. 4

OB490.05
 Fig. 5


TC Jaws


 MILLER
 19 cm/7½"

OB492.01

OB493.03


cross cutting



MILLER-COLBURN

Fig.	18 cm/7"
1	OB491.01
2	OB491.02
3	OB491.03
4	OB491.04



OP

OB

OC

NU



LANGENBECK

19.5 cm/7¾" 7 mm **OB495.20**
19.5 cm/7¾" 10 mm **OB497.20**
23 cm/9" 11 mm **OB498.23**



WILLIGER
OB510.17
17 cm/7"



WILLIGER
OB513.16
16 cm/6¼"



SEBILEAU
OB516.18
17.5 cm/7"



QUERVAIN
OB517.20
19.5 cm/7¾"



ALDERDYCE
OB525.21
21 cm/8¼"



MCDONALD
OB527.19
18.5 cm/7¼"

2.8 mm



OB960.63
14 cm



BUCK-GRAMCKO
OB960.62
15 cm

2 mm



OB537.06
15 cm/6"



HOHMANN, MINI
16 cm/6¾"
6 mm **OB539.06**
8 mm **OB539.08**

15 mm



OB539.15
16 cm/6¾"
OB539.16
12 cm 15 mm



BENNETT
24 cm/9½" 43 mm **OB559.24**
23.5 cm/9¼" 60 mm **OB561.24**

Knee Retractors

39 mm



BLOUNT
OB563.26
26.5 cm/10½"

47 mm



BLOUNT
OB565.26
26.5 cm/10½"

8 mm



HOHMANN
OB541.08
21.5 cm/8¾"

18 mm



HOHMANN
OB541.18
23.5 cm/9½"

43 mm



HOHMANN
OB541.43
23.5 cm/9½"

70 mm



HOHMANN
OB541.70
25 cm/9¾"

43 mm



HOHMANN
OB543.43
23.5 cm/9½"

22 mm



HOHMANN
OB545.22
25.5 cm/10¼"

35 mm



HOHMANN
OB545.35
29 cm/11½"

24 mm



HOHMANN
OB547.24
27.5 cm/10¾"

22 mm



LANGE-HOHMANN
OB549.22
25 cm/9¾"



OP

OB

OC

NU

C
OB960.32
Ø 2 mm

C
OB960.33
Ø 3 mm

C
OB960.34
Ø 4 mm

C 1/1
OB960.35
Ø 6 mm



BUNNELL
13.5 cm



OB960.37
Ø 4 mm

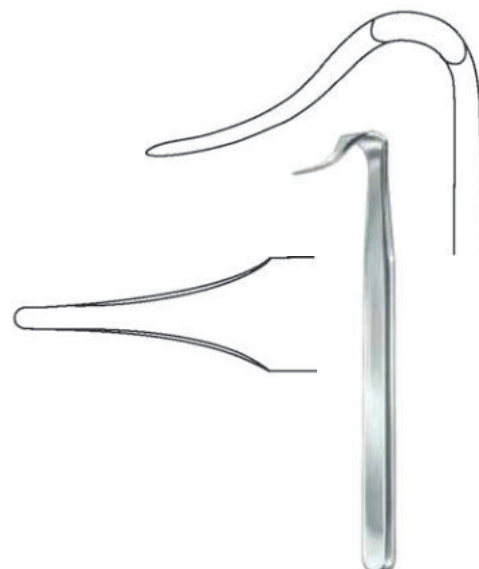
OB960.38
Ø 4.5 mm

C 1/1
OB960.39
Ø 5.5 mm

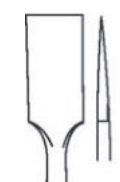
Esnek shaft/Flexible shaft
23 cm



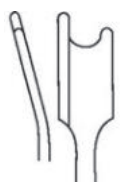
TAYLOR
16 cm/6 1/4"
95 x 30 mm **OB571.16**
115 x 30 mm **OB573.16**



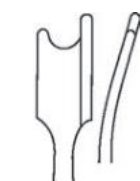
BLOUNT
OB567.17
17.5 cm/6 3/4"



OB630.17
Fig. 1



OB631.17
Fig. 2



OB633.17
Fig. 3



17.5 cm/7"



NEFF
22 cm/8 3/4"



SALENIUS
21.5 cm/8 1/2"



FISCHER
OB660.31
31 cm/12 1/4"



OB662.29
28.5 cm/11 1/4"

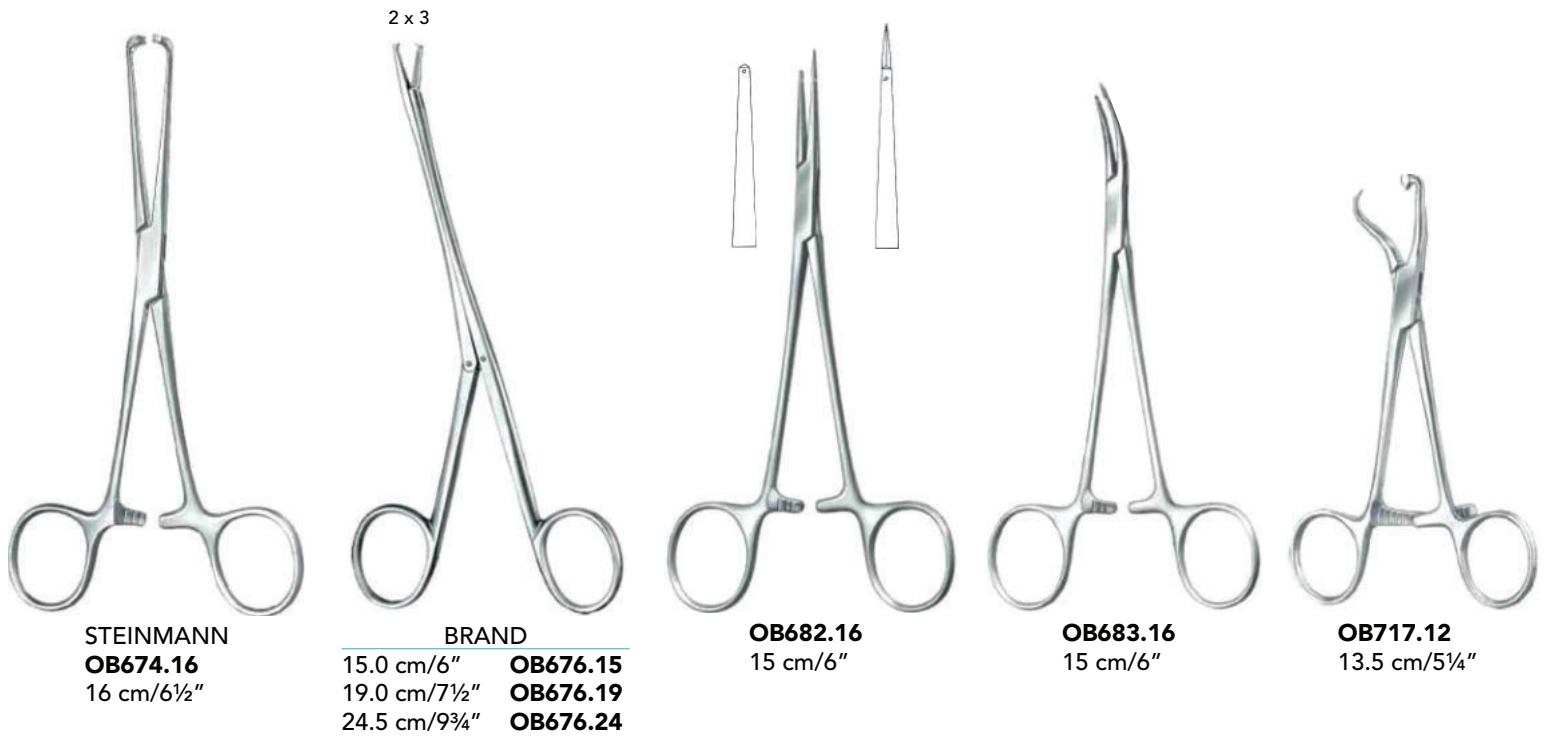
Tendon Passer



BUNNELL
OB664.23
23 cm/9"

Fig. 1 Left **OB643.22**
Fig. 2 Right **OB645.22**

Fig. 1 Left **OB650.22**
Fig. 2 Right **OB651.22**



Bone holding forceps





OP

OB

OC

NU



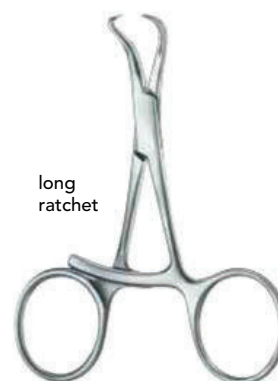
2:3
21.0 cm/8¼"
Straight Curved
OB678.00 **OB678.01**



LEWIN
OB718.17
18 cm/7"

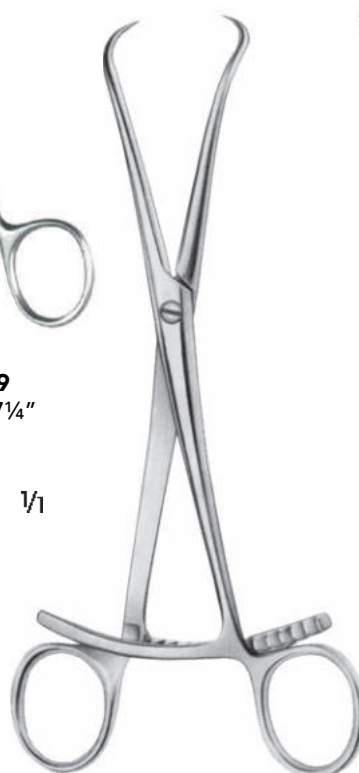


MARTIN
OB716.19
18.5 cm/7¼"



long
ratchet

OB721.09
14 cm/5½"



1/1

OB960.28
Pozisyon pensi
Reposition forceps
20.5 cm



DINGMANN
OB715.19
18.5 cm/7¼"

Bone holding forceps



long ratchet

OB721.14
14 cm/5½"



delicate

OB716.14
14 cm/5½"



CARROLL
OB679.11
11.5 cm/4½"



LANGENBECK
OB722.21
 21 cm/8¼"



FERGUSSON
OB724.21
 21 cm/8¼"



FROSCH
OB726.18
 18 cm/7"



OB727.20
 20 cm/8"



OB729.16
 17.5 cm/7"



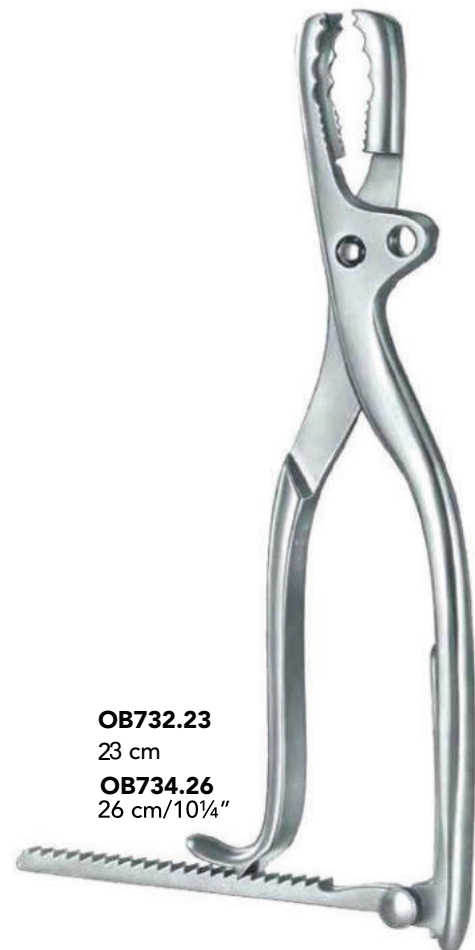
OB729.24
 17.5 cm/7"



KERN
 17.0 cm/6¾" **OB730.17**
 24.5 cm/9¾" **OB730.21**



SEMB
OB731.19
 19.5 cm/7¾"



OB732.23
 23 cm
OB734.26
 26 cm/10¼"



OP

OB

OC

NU



ULRICH

	Straight	Angled
23 cm/9"	OB746.23	OB747.23
25 cm/10"	OB746.25	OB747.25
28 cm/11"	OB746.28	OB747.28



angled



1/2

VERBRUGGE
OB960.61
17.5 cm



VERBRUGGE

25 cm/10"	OB755.01
26 cm/10 1/4"	OB755.02
27.5 cm/10 3/4"	OB755.03

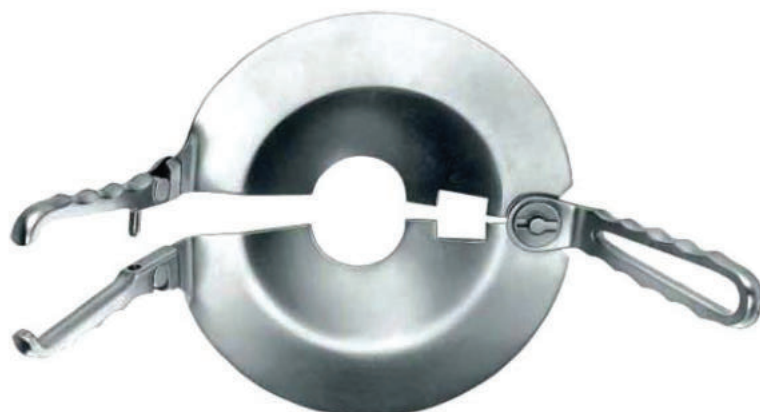


LANE
33 cm/13"

With Ratchet
OB750.33

Without Ratchet
OB752.33

detachable, Amputation Retractor



PERCEY
OB762.30



LOWMAN

16 cm	OB960.29
18 cm	OB960.30
20 cm	OB960.31



STELLBRINK

**OB777.01**
17.0 cm/7"**OB777.02**
16.5 cm/6½"**FRIEDMANN**
OB799.12
12.5 cm/4¾"**FRIEDMANN**
OB801.14
13.5 cm/5¼"**FRIEDMANN**
OB803.14
13.5 cm/5¼"**CLEVELAND**
OB805.14
13.5 cm/5¼"**CLEVELAND**
OB807.17
16.5 cm/6½"**MEAD**
OB815.16
16.5 cm/6½"**MEAD**
OB816.16
16.5 cm/6½"**HARTMANN**
OB819.18
17.5 cm/7"**LUER**
18.0 cm/7"
Straight **OB846.17**
Curved **OB847.17**



JANSEN



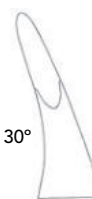
OB826.18
18 cm/7"



OB829.18
18.0 cm/7"



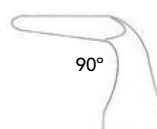
BLUMENTHAL
16.0 cm/7"



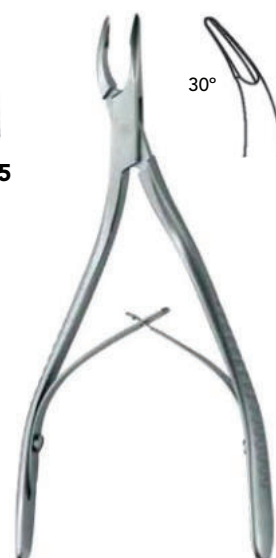
OB835.15



OB837.15



OB839.15



OB835.30
15.5 cm/6"



OB836.00
15.5 cm/6"



OB836.30
15.5 cm/6"



OB836.90
14.5 cm/5¾"



ZAUFAL-JANSEN
OB881.30
18 cm/7"



BEYER
OB879.18
18 cm/7"



MAYFIELD
OB883.17
18 cm/7"



MARQUARD
OB885.20
20.5 cm/8"



RUSKIN
OB887.18
19 cm/7½"



LEMPERT
19 cm/7½"
Straight **OB832.19** Curved **OB833.19**



LUER
14.5 cm/5¾"



OB853.15

OB864.15



BOEHLER
15 cm/6"
Straight **OB876.15** Curved **OB877.15**



OLIVECRONA
OB960.54
20.5 cm



OP

OB

OC

NU



SEMB
OB895.22
23.5 cm/9¼"



FRYKHOLM
OB909.24
24.5 cm/9½"



LEKSELL-STILLE
24.5 cm/9½"



4 mm
OB811.22



8 mm
OB810.22



ECHLIN
23 cm/9"



2 mm
OB899.02



3 mm
OB899.03



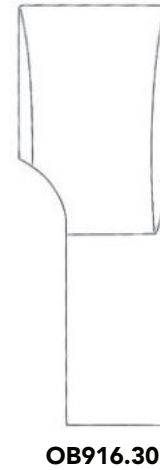
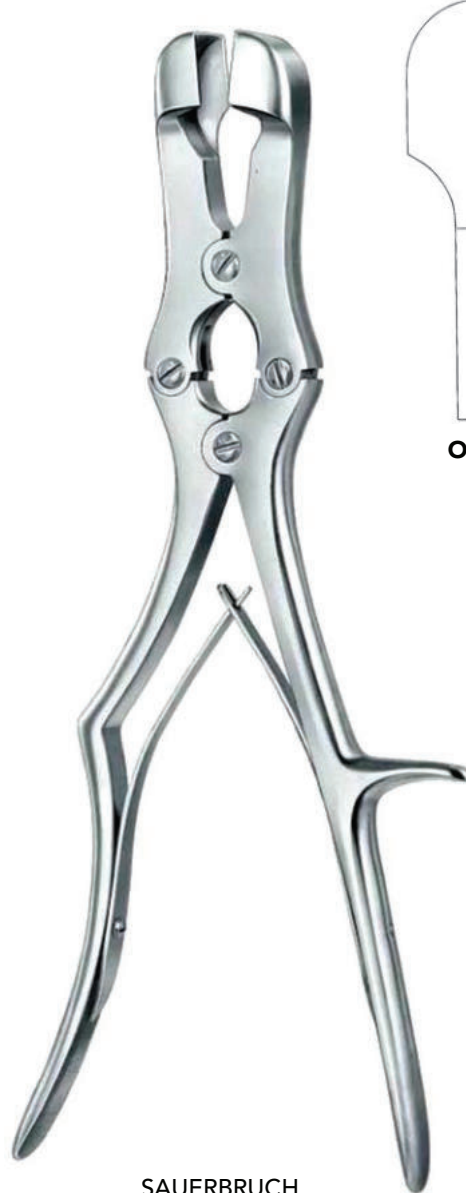
4 mm
OB899.04



STILLE-RUSKIN
OB901.23
23.5 cm/9¼"



RUSKIN
OB893.23
24 cm/9½"





OP

OB

OC

NU



COTTLE-KAZANJIAN
OB930.19
19 cm/7½"

Straight



LISTON
14 cm/5½" **OB934.14**
17 cm/6¾" **OB934.17**
20 cm/8" **OB934.19**
22 cm/8¾" **OB934.22**

Curved



LISTON
14 cm/5½" **OB935.14**
17 cm/6¾" **OB935.17**
20 cm/8" **OB935.19**
22 cm/8¾" **OB935.22**



CLEVELAND
OB939.17
17 cm/7"



CLEVELAND
OB941.15
14.5 cm/5¾"

Straight



BOEHLER
OB944.15
14.5 cm/5¾"

Curved



BOEHLER
OB946.15
14.5 cm/5¾"



CLEVELAND
OB947.16
17 cm/7"



OB950.18



OB951.18



RUSKIN-LISTON
17 cm/7"



SEMB
OB959.24
24.5 cm/9 $\frac{3}{4}$ "



STILLE-LISTON
OB952.27
27 cm



STILLE-LISTON
23.5 cm/10 $\frac{3}{4}$ " **OB955.23**
28 cm/11" **OB955.27**



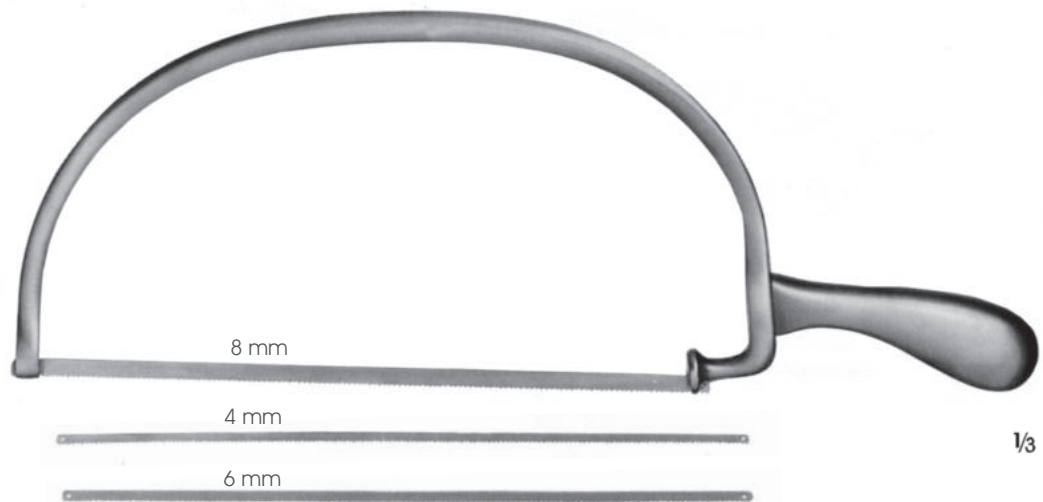
STILLE-LISTON
OB954.27
28 cm/11"



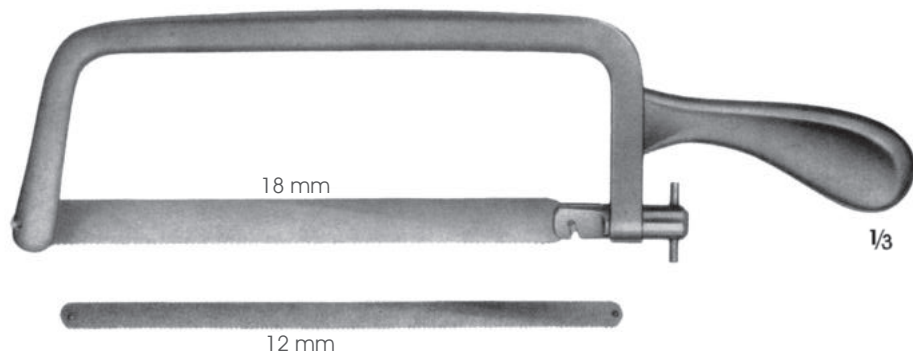
LISTON-KEY
OB957.27
26 cm/10 $\frac{1}{4}$ "



BIER
OB960.23 Komple/Complete
42 cm
Length blade
Bleyd uzunluđu
27 cm



CHARRIERE
OB960.24 Komple/Complete
35 cm



CHARRIERE
OB960.25 27 cm
OB960.26 34 cm



SATTERLEE
OB960.27
29 cm



**OB960.57**Tırtıllı ağız
With serrated jawsTel bükücü, düz burunlu
wire twister, flat nosed
17 cm**OB960.41**Boylamasına ve
çapraz kanallı
With longitudinal
and transversal
grooves**OB960.42**Tel tutma pensi, düz burunlu
Wire holding forceps, flat nosed
19 cm

MARBURG MODELL

OB960.64Tel tutma pensi,
Düz burunlu, tırtıllı ağız
Wire holding forceps,
Flat nosed, with serrated jaws
14 cm**OB960.53**Çıkartıcı/Extractor
25 cm**OB961.53**Çıkartıcı/Extractor
27 cm**OB960.56A**Parmak yüzük testere
Finger ring saw
15 cm**OB960.56B**Yedek bleyd
Spare blade**OB960.55**STAPLER SÖKÜCÜ
STAPLER REMOVER
9 cm



OP

OB

OC

NU

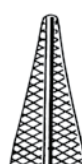


Flat nose pliers

OC505.17
17 cm/6¾"



OC507.18
18 cm/7"



Flat nose plier



Hackstock
OC518.16
16 cm/6¼"



Wire nipper

MARTIN-Diamant
OC522.16
16 cm/6¼"

Extracting forceps



OC511.01
18 cm/7"



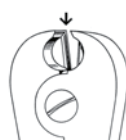
TC Jaws

Side-cutting plier

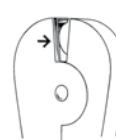


OC523.22
22 cm/8¾"

Combination cutting plier



OC526.18
22 cm/8¾"



TC Jaws

Wire twisting forceps



OC500.20
20 cm/8"

TC Jaws



OC1000.01
Yanal kesme
Lateral cutting
23.5 cm



OC1000.02
22 cm



REILL
OC1000.04
17.5 cm



KIRSCHNER
OC1000.06
32 cm



OC1000.05
Ø 6 mm kadar tel, vida, çivi vs. kesmek için
For cutting off wires, screws, pins, etc. up to Ø 6 mm
47 cm



Bending press

OC229.30

Plate cutter



OC528.55
55 cm/22"

Plate bending plier



OC229.20

Bending pliers for small plates



OC229.22
22 cm/8¾"

Plate bending plier



OI124.16
16 cm/6¼"

Depth gauge, large



OC219.05
22 cm/8¾"

Depth gauge, small



OC219.04
16 cm/6¼"

Bending iron for small plates



OC229.04
14.5 cm/5¾"



OC229.05
14.5 cm/5¾"

measuring sleeve



OC228.05
15.5 cm/6"

measuring sleeve



OC238.05
20.5 cm/8"

Sharp hook



OC219.39
15.5 cm/6"

Drill bit guides

for compression hole

sleeve & drill bit guide



OC212.27
10.5 cm/4"



OC222.21
12 cm/4¾"



OC222.32
14 cm/5½"



OC222.43
18 cm/7"



OC222.44
16.5 cm/6½"

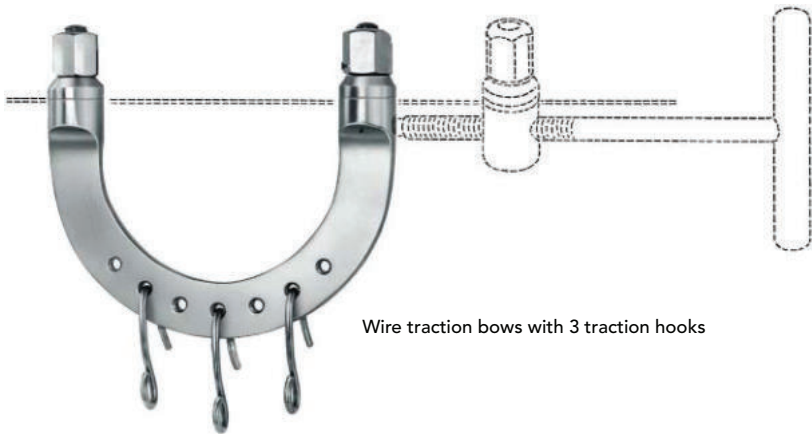


OP

OB

OC

NU



Wire traction bows with 3 traction hooks

KIRSCHNER	
95 x 70 mm	OC581.01
105 x 105 mm	OC581.02
120 x 120 mm	OC581.03
155 x 155 mm	OC581.04



Wire strainer

OC586.18
18.5 cm/7¼"

Traction hook for extension bows



OC603.06
18.5 cm/7¼"



with 3 traction hooks

KIRSCHNER	
18.5 cm/7¼"	OC585.01
26.5 cm/10¼"	OC585.02

Wrench



OC587.20
20 cm/8"



180 x 100 mm	OC589.18
270 x 160 mm	OC589.27

Ø 4 mm



Steinmann Pins, with trocar tip

14 cm/5½"

OC562.14

16 cm/6¼"

OC562.16

18 cm/7"

OC562.18

20 cm/8"

OC562.20

Wire traction bows

BOEHLER

210 x 150 mm

OC565.15

160 x 90 mm

OC565.16

210 x 110 mm

OC565.21

with three jaw chuck, longitudinal bore

**BUNNEL**
OC606.00with three jaw chuck
and pin key

Wrench

**OC620.99**

with three jaw chuck

**RALK**
OC611.01**OC.620.05**Handle with three
jaw chuck, with keyAyarlı sap
Adjustable handle**OC1000.03**El matkabı/Hand drill only
28 cm

Anahtar/Key



OP

OB

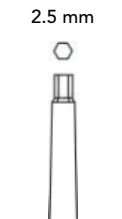
OC

NJ

OC1000.11
Oyucu (Biz)
Reamer (Awl)
18 cm



OC1000.12
Oyucu (Biz)
Reamer (Awl)
21.5 cm



OC368.21
21 cm/8¼"



OC369.21
21 cm/8¼"



OC369.25
25 cm/10"



6 mm



OC372.17
17 cm/6¾"



6 mm



LANE
OC372.25
25 cm/10"



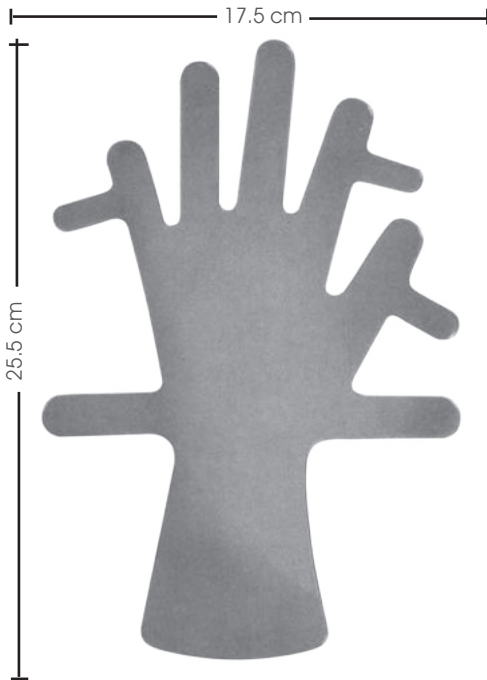
6 mm



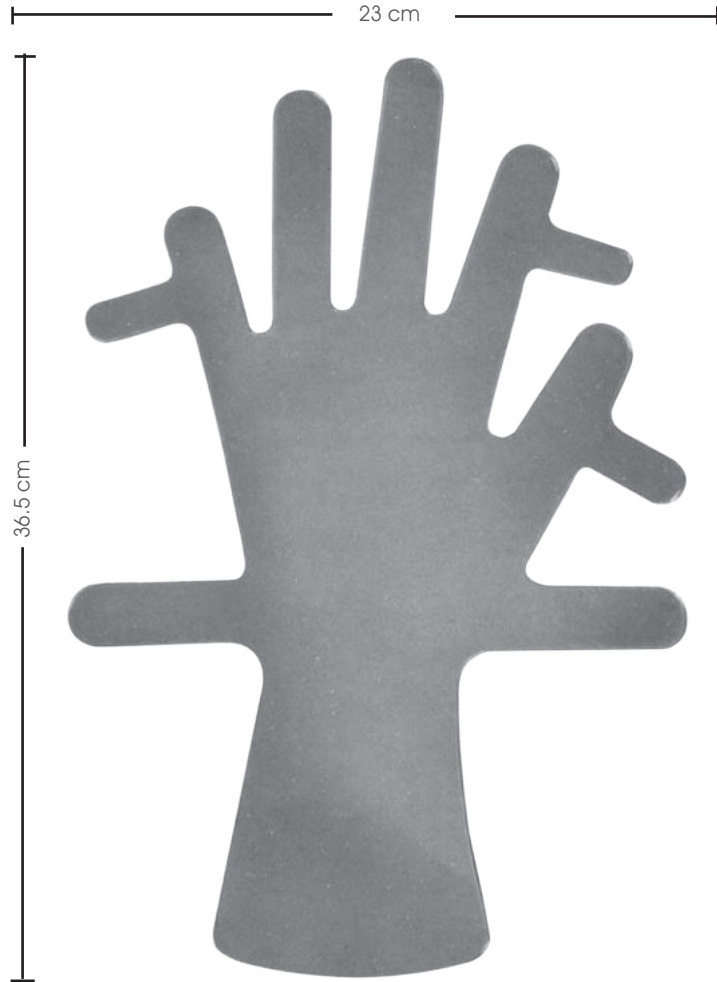
PHILIPS
OC380.25
25 cm/10"



OC378.25
25 cm/10"

**OC960.58**

Çocuklar için el sabitleyici, yumuşak
Children's hand control, soft

**OC960.59**

Yetişkinler için el sabitleyici, yumuşak
Used stabilizer for adults, soft

**OC960.60**

inside  ed



 NEURO
INSTRUMENTS



Wire saws



GIGLI

30 cm/11" **NU600.30**
 40 cm/16" **NU600.40**
 50 cm/20" **NU600.50**
 60 cm/24" **NU600.60**
 70 cm/28" **NU600.70**
 40 cm/16" **NU1000.67** (5 in pack)

STRULLY GIGLI
pair / çift
NU1000.63

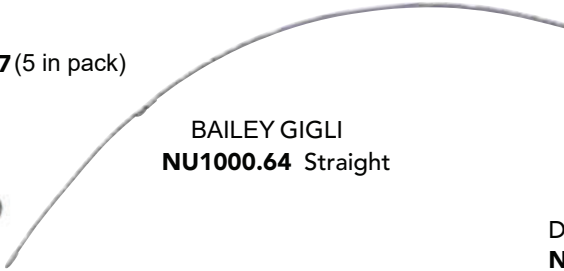
Wire saw guide



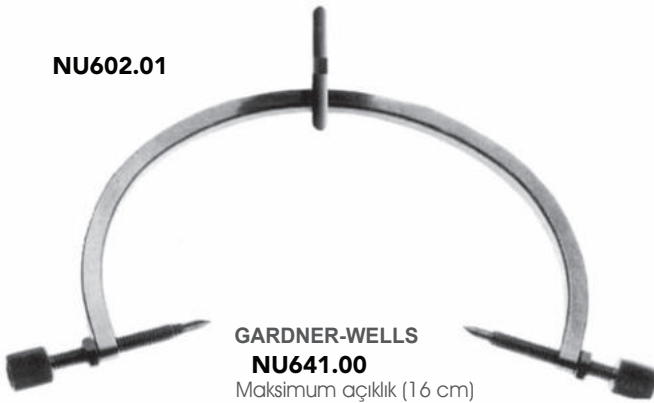
Medium pattern

**CRUTCHFIELD**
NU641.02

Wire saw handle

BAILEY GIGLI
NU1000.64 StraightDE MARTEL
NU618.33
33 cm/13"**NU643.01**
Large pattern**NU643.10**
Spare pin for
32-7643-01Drill point
Ø 3.5 mm**NU641.04**
7 cm/2¾"

Ø 5 mm

**NU641.05**
7 cm/2¾"**NU602.01****GARDNER-WELLS**
NU641.00

Maksimum açıklık (16 cm)
 Maximum opening (16 cm)

NU641.01
Small pattern**CRUTCHFIELD**



OP

OB

OC

NU

with 3 hooks



DAHLGREN
NU654.20
19.5 cm/7¾"

with 2 hooks



DE VILBISS
NU658.21
21 cm/8¼"

Cranial Punch



CONE
NU659.22
22.5 cm/8¾"

Clip Applying Forceps



MCKENZIE
NU663.19
18.5 cm/7¼"



RANEY
NU676.00
15.5 cm/6"

Clip Applying Forceps



OLIVECRONA-TOENNIS
NU661.14

Galea hook



YASARGIL

26cm **NU678.01S**
28cm **NU678.02S**
30 cm/11" **NU678.01**
41 cm/16¼" **NU678.02**



NU500.45



NU500.44



NU500.46



TOENNIS
NU680.25
24 cm/9½"



OLIVECRONA
NU681.24
24 cm/9½"



OLIVECRONA
NU682.18
18 cm/7"



OLIVECRONA
NU683.24
24 cm/9½"



ADSON
NU1000.73



OLIVECRONA
NU684.19
20 cm/8"



SACHS
NU685.21
20.5 cm/8¼"



MILLIGAN
NU686.21
22 cm/8¾"



Fig. 1

PENFIELD
NU690.01
17.5 cm/7"



Fig. 2

PENFIELD
NU690.02
19.5 cm/7¾"



Fig. 3

PENFIELD
NU690.03
19.5 cm/7¾"



Fig. 4

PENFIELD
NU690.04
20.5 cm/8"



Fig. 5



PENFIELD
NU690.05
18.5 cm/7¼"



NU688.22
22 cm/8¾"

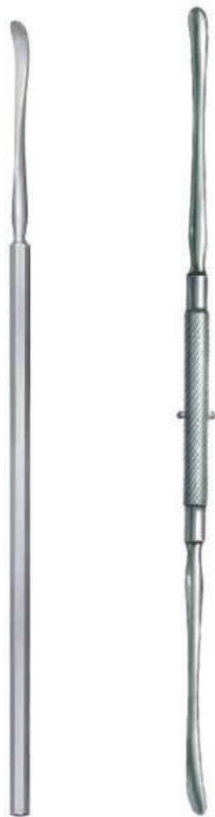


OP

OB

OC

UN



DAVIS
NU687.21
21.5 cm/8½"



DAVIS
NU691.24
24.5 cm/9¾"



CUSHING
NU742.19
19 cm/7½"



Fig. 1
NU742.19
Fig. 2
NU742.28
28 cm/11"



FRAZIER
NU530.38
Dissektor/Dissector
15 cm

HOEN
NU530.39

HOEN
NU530.40



ADSON
NU823.20
20 cm/8"



blunt
NU823.20



sharp
NU824.20



GRAHAM
NU825.16
16.5 cm/6½"



SACHS
NU827.18
17 cm/6¾"



GRONINGEN
NU738.26
26.5 cm/10½"



GRONINGEN
NU740.26
26.5 cm/10½"



SMITHWICK
NU748.17
16.5 cm/6½"



WOODSON
NU1000.91
18 cm/7"



NU1000.74
18.5 cm/7¼"



NU830.19



NU831.19

19 cm/7½"



FRAZIER
NU835.13
13 cm/5"

Tumor fork

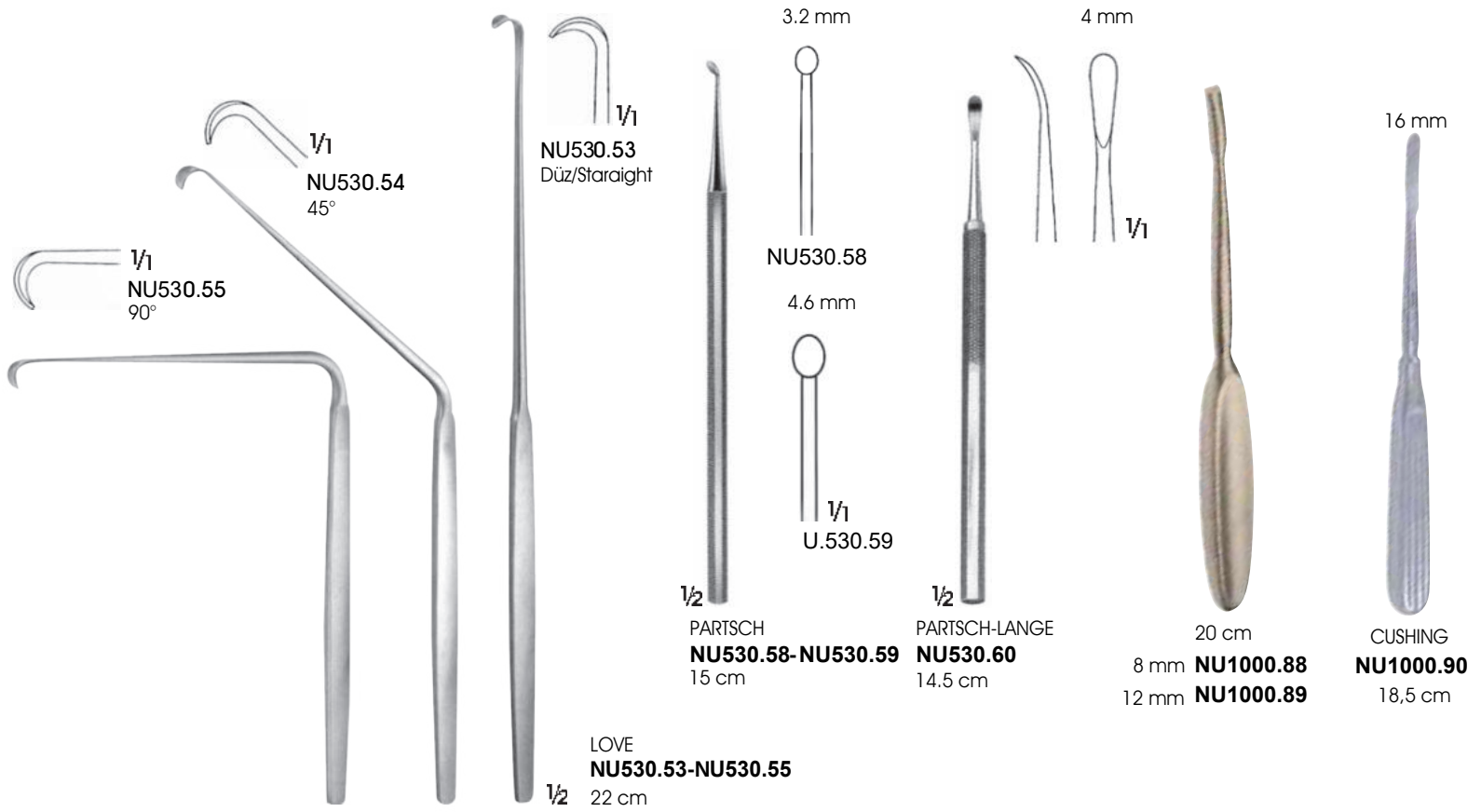


NU853.01
8 mm



NU853.02
5 mm

YASARGIL
NU853.18
20 cm/8"



CASPAR

NU1000.30

(Komple/Complete) Sağ (Right)

NU1000.31

1 adet distraktör/1 each distractor

NU1000.34

1 adet matkap klavuzu/1 each drill guide

NU1000.36

1 adet matkap/1 each twist drill

NU1000.39

2 adet distraksiyon vidası/2 each distraction screws

NU.1000.37

1 adet tornavida/1 each Screw driver

CASPAR

NU1000.32

(Komple/Complete) Sol (Left)

NU1000.33

1 adet distraktör/1 each distractor

NU1000.35

1 adet matkap klavuzu/1 each drill guide

NU1000.36

1 adet matkap/1 each twist drill

NU1000.39

2 adet distraksiyon vidası/2 each distraction screws

NU1000.37

1 adet tornavida/1 each Screw driver





Tissue claw



NU853.03
18.5 cm/7"

Suture guide



YASARGIL
18.5 cm/7¼"



NU860.01
Fig. 1



NU860.02
Fig. 2



NU860.03
Fig. 3



NU860.04
Fig. 4

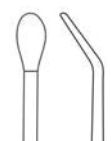
Micro raspatory



YASARGIL



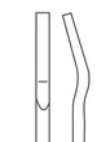
NU862.01
18.5 cm/7¼"



NU862.02
18.5 cm/7¼"



NU862.03
18.5 cm/7¼"



NU862.04
18.5 cm/7¼"



NU862.05
23 cm/9"



NU862.06
23 cm/9"



NU862.07
23 cm/9"

Tumor knife



SAMII
23 cm/9"



1.0 mm	NU854.01	
1.5 mm	NU854.02	NU854.09
2.0 mm	NU854.03	
2.5 mm	NU854.04	
3.0 mm	NU854.05	NU854.10
3.5 mm	NU854.06	
4.0 mm	NU854.07	
4.5 mm		NU854.11
5.0 mm	NU854.08	
6.0 mm		NU854.12



RHOTON
Micro Dissector Set 19pcs
NU1000.71

Micro raspatory bayonet



YASARGIL
18.5 cm/7¼"



NU862.10



NU862.11



NU862.20

Micro dissector straight



YASARGIL



NU863.01
18.5 cm/7¼"



NU863.10
23 cm/9"



NU863.12
23 cm/9"

Micro dissector bayonet



YASARGIL
23 cm/9"



NU863.11



NU863.13

Buttoned probe



JACOBSON
NU864.02
18.5 cm/7¼"

Probe double



JACOBSON
NU864.01
18.5 cm/7¼"

Micro curette



YASARGIL
NU865.01
18.5 cm/7¼"

Micro curette



YASARGIL
23 cm/9"

Dura hook



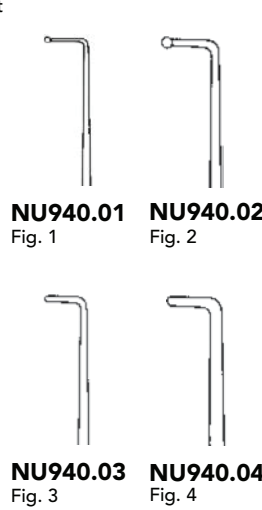
YASARGIL
23 cm/9"

Micro hooklet



KRAYENBUEHL
19 cm/7½"

Micro dissector

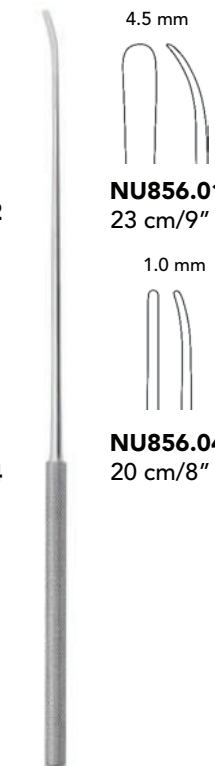


NU940.01
Fig. 1

NU940.02
Fig. 2

NU940.03
Fig. 3

NU940.04
Fig. 4



NU856.01
23 cm/9"

NU856.04
20 cm/8"



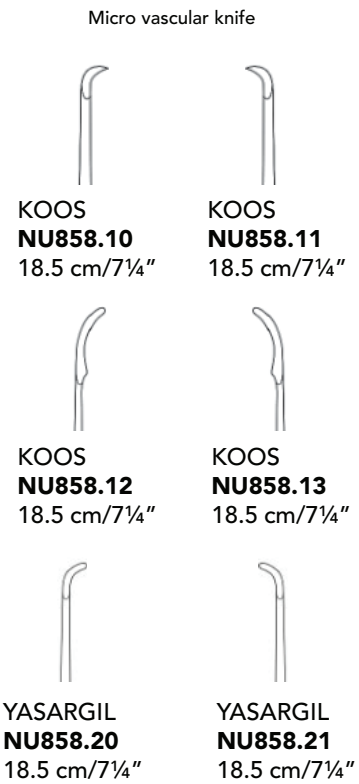
NU858.01
23 cm/9"

JACOBSON
NU858.30



DANDY
22 cm

Bayonet



KOOS
NU858.10
18.5 cm/7¼"

KOOS
NU858.11
18.5 cm/7¼"

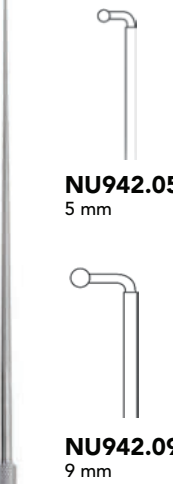
KOOS
NU858.12
18.5 cm/7¼"

KOOS
NU858.13
18.5 cm/7¼"

YASARGIL
NU858.20
18.5 cm/7¼"

YASARGIL
NU858.21
18.5 cm/7¼"

90°



NU942.05
5 mm

NU942.09
9 mm



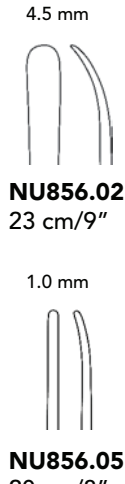
NU942.07
7 mm

NU942.11
11 mm

bayonet

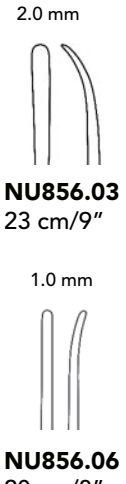


CASPER



NU856.02
23 cm/9"

NU856.05
20 cm/8"



NU856.03
23 cm/9"

NU856.06
20 cm/8"



NU856.10
23 cm/9"



OP

OB

OC

NU



INGE
NU977.27
25.5 cm/10"



CLOWARD
NU973.15

Tam açıklık/Total opening 4.5 cm
13.5 cm



CLOWARD
NU973.16
16 cm/6¼"

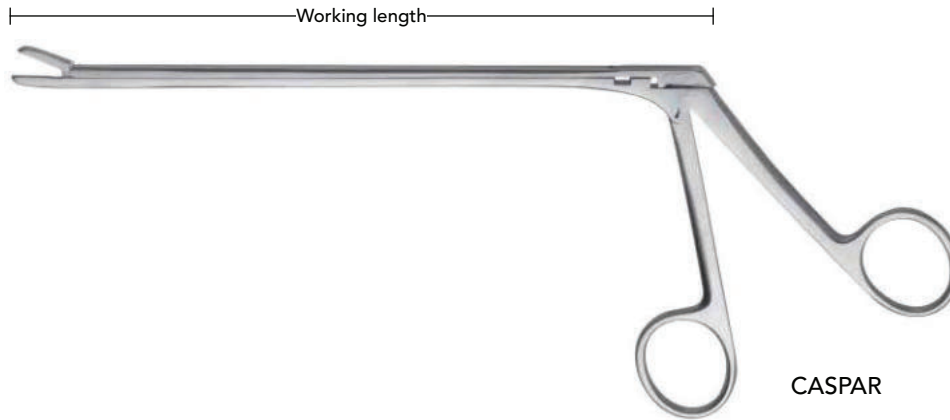


INGE
NU975.17
16 cm/6¼"

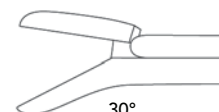
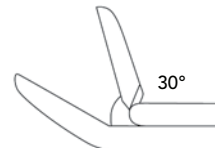
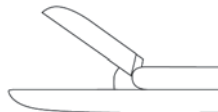


CLOWARD
NU974.17
16 cm/6¼"

Rongeurs



CASPAR

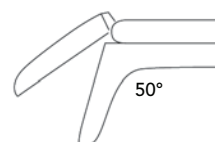
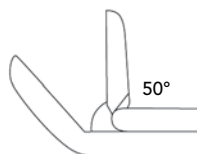


2 mm	Working length						
	15 cm/6"	NU981.05	NU982.05	NU981.25	NU982.25	NU981.45	NU982.45
	18 cm/7"	NU981.09	NU982.09	NU981.29	NU982.29	NU981.49	NU982.49
	20 cm/8"	NU981.13	NU982.13	NU981.33	NU982.33	NU981.53	NU982.53
	30 cm/11¾"	NU981.17	NU982.17	NU981.37	NU982.37	NU981.57	NU982.57

3 mm	Working length						
	15 cm/6"	NU981.06	NU982.06	NU981.26	NU982.26	NU981.46	NU982.46
	18 cm/7"	NU981.10	NU982.10	NU981.30	NU982.30	NU981.50	NU982.50
	20 cm/8"	NU981.14	NU982.14	NU981.34	NU982.34	NU981.54	NU982.54
	30 cm/11¾"	NU981.18	NU982.18	NU981.38	NU982.38	NU981.58	NU982.58

4 mm	Working length						
	15 cm/6"	NU981.07	NU982.07	NU981.27	NU982.27	NU981.47	NU982.47
	18 cm/7"	NU981.11	NU982.11	NU981.31	NU982.31	NU981.51	NU982.51
	20 cm/8"	NU981.15	NU982.15	NU981.35	NU982.35	NU981.55	NU982.55
	30 cm/11¾"	NU981.19	NU982.19	NU981.39	NU982.39	NU981.59	NU982.59

5 mm	Working length						
	15 cm/6"	NU981.08	NU982.08	NU981.28	NU982.28	NU981.48	NU982.48
	18 cm/7"	NU981.12	NU982.12	NU981.32	NU982.32	NU981.52	NU982.52
	20 cm/8"	NU981.16	NU982.16	NU981.36	NU982.36	NU981.56	NU982.56
	30 cm/11¾"	NU981.20	NU982.20	NU981.40	NU982.40	NU981.60	NU982.60



4 mm	Working length			Working length			
	18 cm/7"	NU980.80	NU984.80	18 cm/7"	NU982.80	NU986.80	
	30 cm/11¾"	NU981.81	NU985.81	30 cm/11¾"	NU983.81	NU987.81	

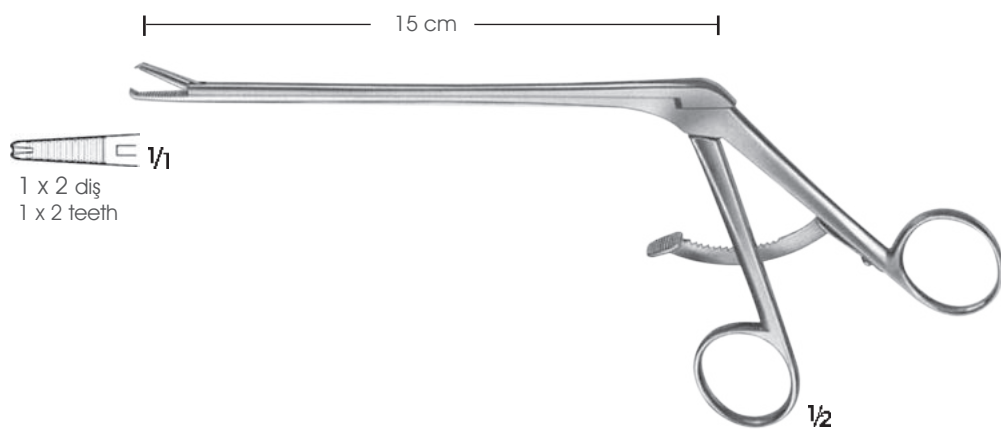
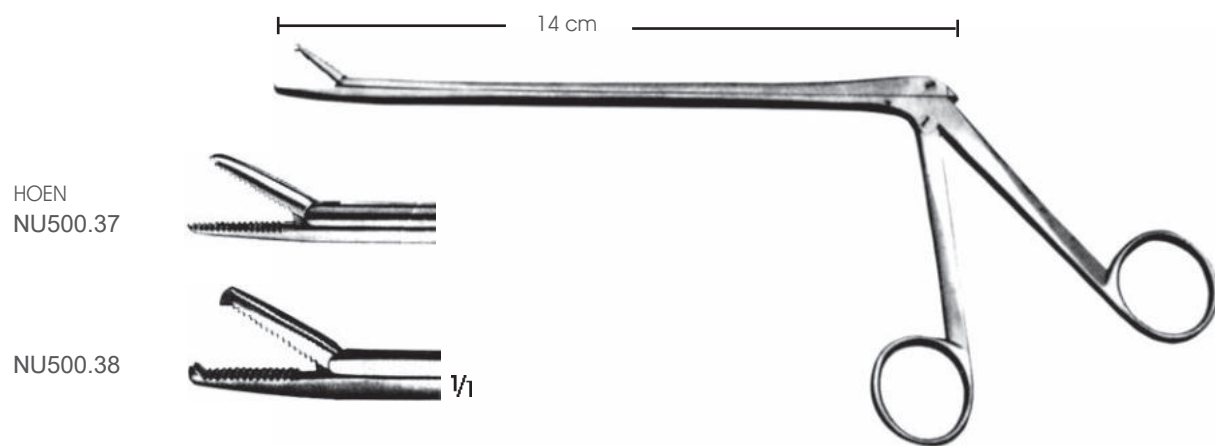
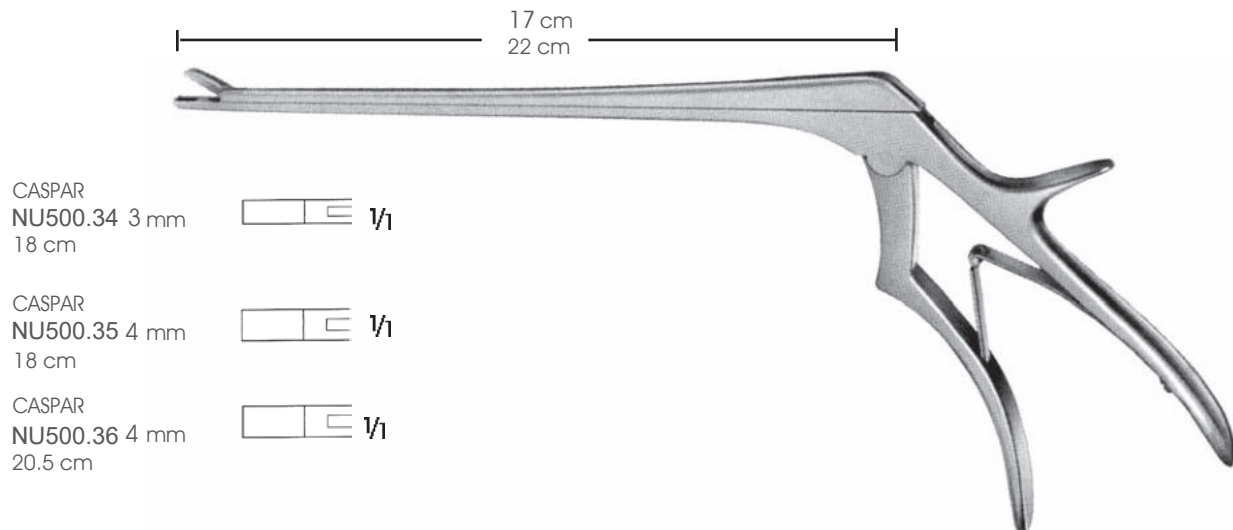


OP

OB

OC

UN



KRAMER
NU500.39 15 cm
Bağ tutucu grasping pens, kilittli
With catch grasping forceps for
ligamentum flavum

			Mil uzunluğu Length of shaft			
Mil uzunluğu Length of shaft 14 cm	Mil uzunluğu Length of shaft 16 cm	Mil uzunluğu Length of shaft 18.5 cm	Çene ölçüleri Size of jaws			
NU500.04	NU500.09	NU500.14	2 x 12 mm		1/1	 CASPAR NU500.04-NU500.18
NU500.05	NU500.10	NU500.15	3 x 12 mm		1/1	
NU500.06	NU500.11	NU500.16	4 x 14 mm		1/1	
NU500.07	NU500.12	NU500.17	5 x 14 mm		1/1	
NU500.08	NU500.13	NU500.18	6 x 16 mm		1/1	

			Mil uzunluğu Length of shaft			
Mil uzunluğu Length of shaft 14 cm	Mil uzunluğu Length of shaft 16 cm	Mil uzunluğu Length of shaft 18.5 cm	Çene Ölçüleri Size of jaws			
NU500.19	NU500.22	NU500.25	3 x 12 mm		1/1	 CASPAR NU500.19-NU500.27
NU500.20	NU500.23	NU500.26	4 x 14 mm		1/1	
NU500.21	NU500.24	NU500.27	5 x 14 mm		1/1	

			Mil uzunluğu Length of shaft			
Mil uzunluğu Length of shaft 14 cm	Mil uzunluğu Length of shaft 16 cm	Mil uzunluğu Length of shaft 18.5 cm	Çene Ölçüleri Size of jaws			
NU500.28	NU500.30	NU500.32	3 x 12 mm		1/1	 CASPAR NU500.28-NU500.33
NU500.29	NU500.31	NU500.33	4 x 14 mm		1/1	



OP

OB

OC

ND

LOVE-GRUENWALD
NU500.01 2 x 10 mm



NU500.02 3 x 10 mm



SPURLING
NU500.03 4 x 10 mm



CUSHING
NU530.34 4 mm



1/1

NU530.35 5 mm

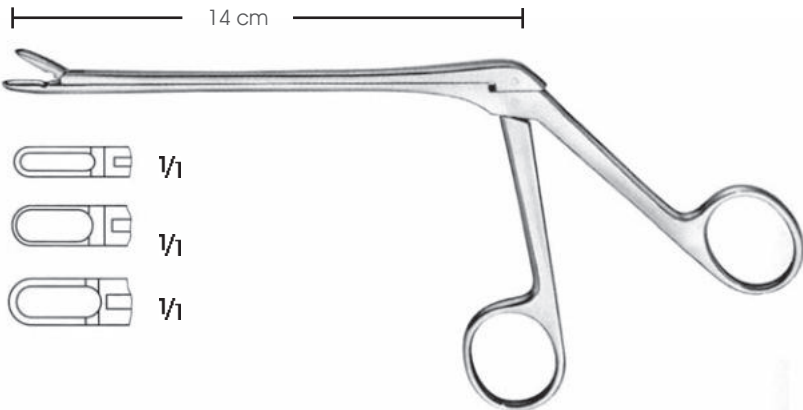


1/1

NU530.36 6 mm



1/1



CUSHING
NU530.41 3 mm



1/1

NU530.42 4 mm



1/1

NU530.43 5 mm



1/1



CUSHING
NU530.44 3 mm



NU530.45 4 mm



1/1



CUSHING

NU1000.87 1,5 x 10 mm

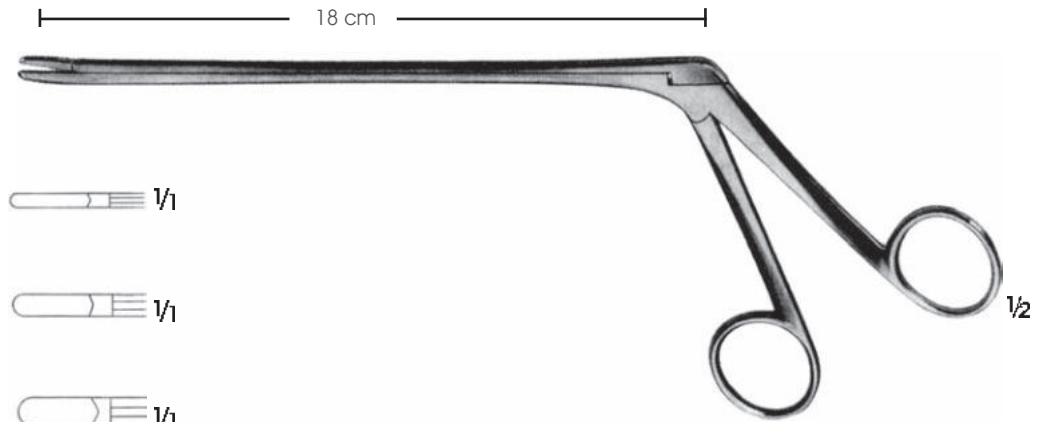
NU530.46 2 x 10 mm

LOVE-GRUENWALD

NU530.47 3 x 10 mm

SPURLING

NU530.48 4 x 10 mm



LOVE-GRUENWALD

NU530.49 3 x 10 mm

SPURLING

NU530.50 4 x 10 mm

CUSHING

NU1000.86 1,5 x 10 mm



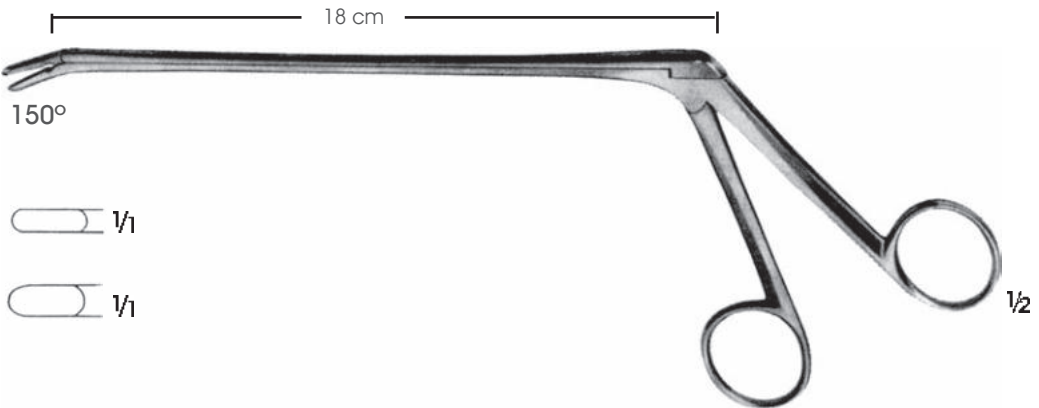
Üst çene hareketli
Upper part of jaw movable

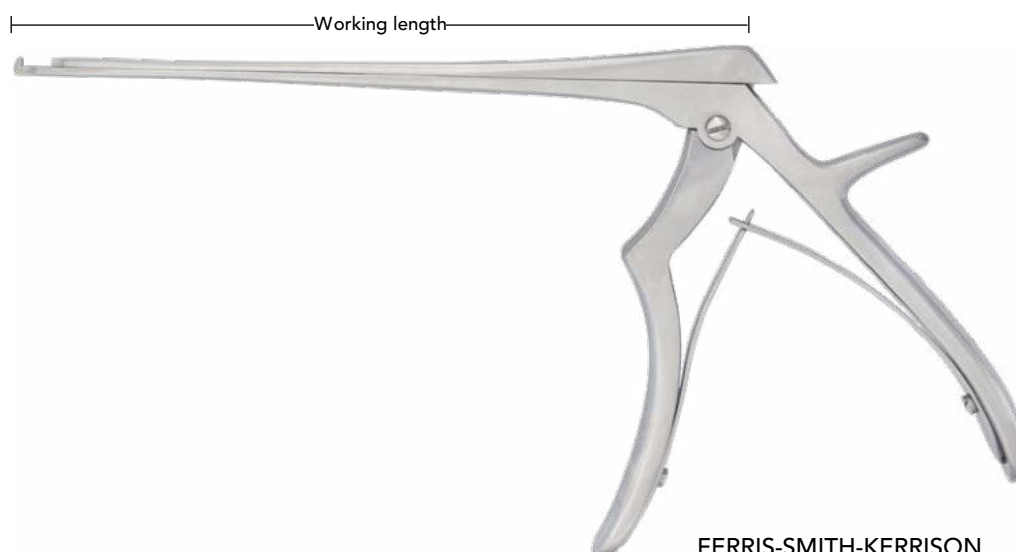
LOVE-GRUENWALD

NU530.51 3 x 10 mm

SPURLING

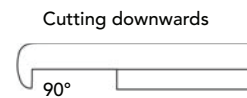
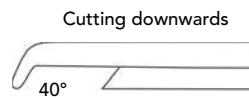
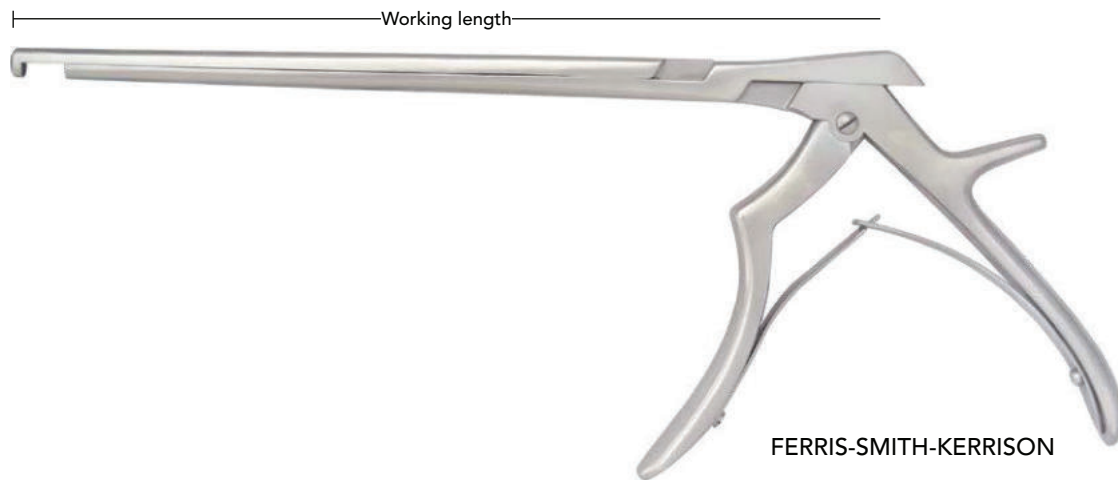
NU530.52 4 x 10 mm





FERRIS-SMITH-KERRISON

Cutting upwards 40°					Cutting upwards 90°				
	Working length	Standard 40°	Detachable / Eject. 40°	TC FINE	Black Coated 40°	Standard 90°	Detachable / Eject. 90°	Black Coated 90°	
1 mm	18 cm/7"	NU978.01	NU978.01DT	NU978.01TC	NU478.01	NU978.02	NU978.02DT	NU478.02	
	20 cm/7¾"	NU978.03	NU978.03DT	NU978.03TC	NU478.03	NU978.04	NU978.04DT	NU478.04	
	23 cm/9"	NU978.05	NU978.05DT		NU478.05	NU978.06	NU978.06DT	NU478.06	
	28 cm/11"	NU978.07	NU978.07DT		NU478.07	NU978.08	NU978.08DT	NU478.08	
2 mm	18 cm/7"	NU978.09	NU978.09DT	NU978.09TC	NU478.09	NU978.10	NU978.10DT	NU478.10	
	20 cm/7¾"	NU978.11	NU978.11DT	NU978.11TC	NU478.11	NU978.12	NU978.12DT	NU478.12	
	23 cm/9"	NU978.13	NU978.13DT	NU978.13TC	NU478.13	NU978.14	NU978.14DT	NU478.14	
	28 cm/11"	NU978.15	NU978.15DT		NU478.15	NU978.16	NU978.16DT	NU478.16	
3 mm	18 cm/7"	NU978.17	NU978.17DTE	NU978.17TC	NU478.17	NU978.18	NU978.18DTE	NU478.18	
	20 cm/7¾"	NU978.19	NU978.19DTE	NU978.19TC	NU478.19	NU978.20	NU978.20DT	NU478.20	
	23 cm/9"	NU978.21	NU978.21DTE	NU978.21TC	NU478.21	NU978.22	NU978.22DTE	NU478.22	
	28 cm/11"	NU978.23	NU978.23DT		NU478.23	NU978.24	NU978.24DT	NU478.24	
4 mm	18 cm/7"	NU978.25	NU978.25DTE	NU978.25TC	NU478.25	NU978.26	NU978.26DTE	NU978.26	
	20 cm/7¾"	NU978.27	NU978.27DTE	NU978.27TC	NU478.27	NU978.28	NU978.28DT	NU978.28	
	23 cm/9"	NU978.29	NU978.29DTE	NU978.29TC	NU478.29	NU978.30	NU978.30DTE	NU978.30	
	28 cm/11"	NU978.31	NU978.31DT		NU478.31	NU978.32	NU978.32DT	NU978.32	
5 mm	18 cm/7"	NU978.33	NU978.33DTE	NU978.33TC	NU478.33	NU978.34	NU978.34DTE	NU478.34	
	20 cm/7¾"	NU978.35	NU978.35DTE	NU978.35TC	NU478.35	NU978.36	NU978.36DT	NU478.36	
	23 cm/9"	NU978.37	NU978.37DTE	NU978.37TC	NU478.37	NU978.38	NU978.38DTE	NU478.38	
	28 cm/11"	NU978.39	NU978.39DT		NU478.39	NU978.40	NU978.40DT	NU478.40	
6 mm	18 cm/7"	NU978.41	NU978.41DTE		NU478.41	NU978.42	NU978.42DTE	NU478.42	
	20 cm/7¾"	NU978.43	NU978.43DTE		NU478.43	NU978.44	NU978.44DT	NU478.44	
	23 cm/9"	NU978.45	NU978.45DT		NU478.45	NU978.46	NU978.46DT	NU478.46	
	28 cm/11"	NU978.47	NU978.47DT		NU478.47	NU978.48	NU978.48DT	NU478.48	

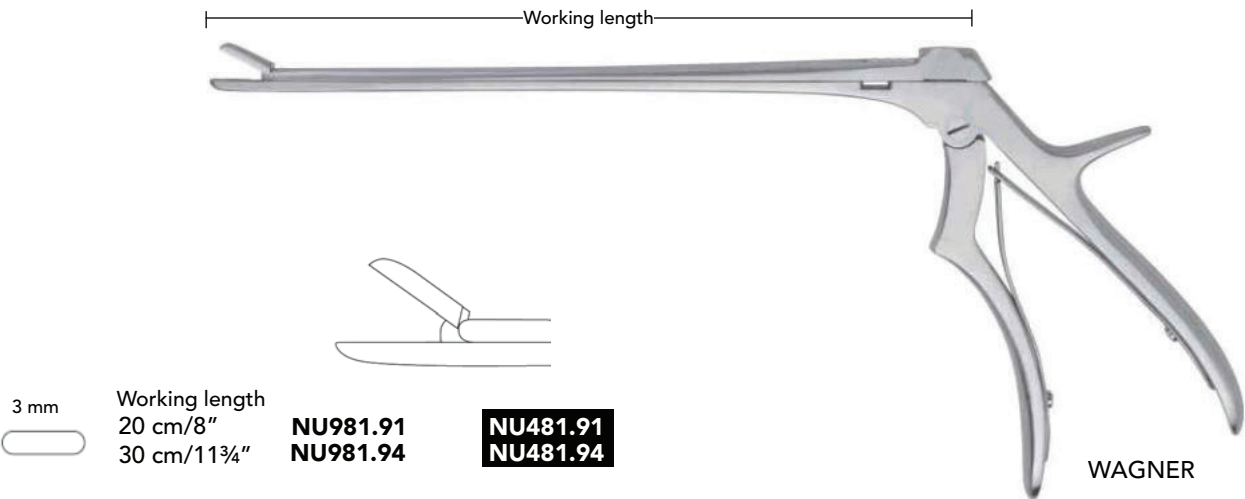


	Working length	40°	40°	90°	90°
1 mm	18 cm/7"	NU.978.50	NU478.50	NU.978.51	NU478.51
	20 cm/7¾"	NU.978.52	NU478.52	NU.978.53	NU478.53
	23 cm/9"	NU.978.54	NU478.54	NU.978.55	NU478.55
2 mm	18 cm/7"	NU978.56	NU478.56	NU978.57	NU478.57
	20 cm/7¾"	NU978.58	NU478.58	NU978.59	NU478.59
	23 cm/9"	NU978.60	NU478.60	NU978.61	NU478.61
3 mm	18 cm/7"	NU978.62	NU478.62	NU978.63	NU478.63
	20 cm/7¾"	NU978.64	NU478.64	NU978.65	NU478.65
	23 cm/9"	NU978.66	NU478.66	NU978.67	NU478.67
4 mm	18 cm/7"	NU978.68	NU478.68	NU978.69	NU478.69
	20 cm/7¾"	NU978.70	NU478.70	NU978.71	NU478.71
	23 cm/9"	NU978.72	NU478.72	NU978.73	NU478.73
5 mm	18 cm/7"	NU978.74	NU478.64	NU978.75	NU478.75
	20 cm/7¾"	NU978.76	NU478.76	NU978.77	NU478.77
	23 cm/9"	NU978.78	NU478.78	NU978.79	NU478.79
6 mm	18 cm/7"	NU978.80	NU478.80	NU978.81	NU478.81
	20 cm/7¾"	NU978.82	NU478.82	NU978.83	NU478.83
	23 cm/9"	NU978.84	NU478.84	NU978.85	NU478.85

Curved upwards



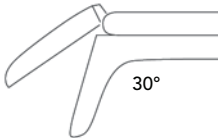
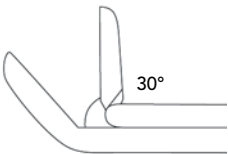
2 mm	20 cm/7¾"	NU1000.84
3 mm	20 cm/7¾"	NU1000.85



3 mm Working length
20 cm/8"
30 cm/11¾" **NU981.91** **NU481.91**
NU981.94 **NU481.94**

4 mm Working length
20 cm/8"
30 cm/11¾" **NU981.92** **NU481.92**
NU981.95 **NU481.95**

5 mm Working length
15 cm/6"
18 cm/7" **NU981.93** **NU481.93**
NU981.96 **NU481.96**

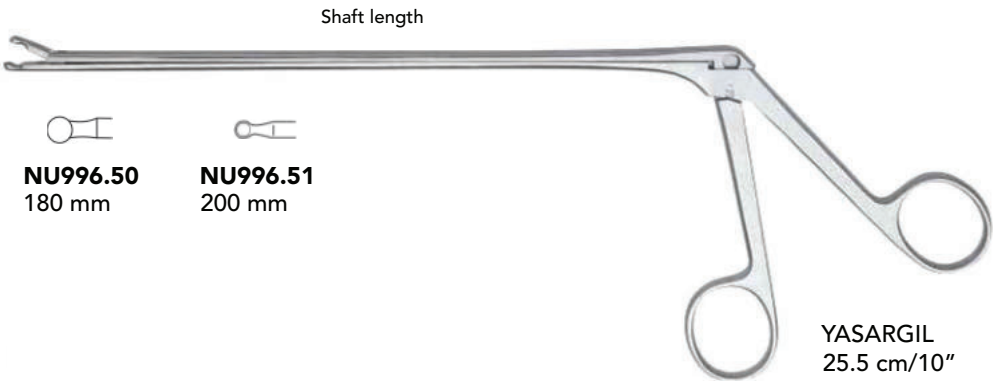


WAGNER

NU981.84 **NU481.84** **NU981.86** **NU481.86**
NU981.85 **NU481.85** **NU981.87** **NU481.87**



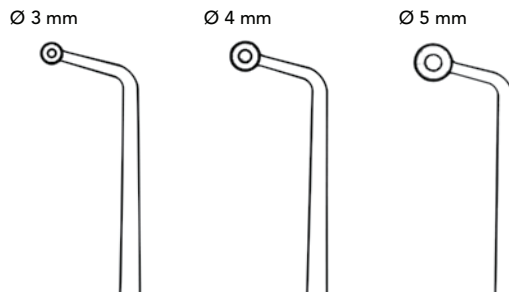
LANDOLT
NU996.27
27 cm/10¾"



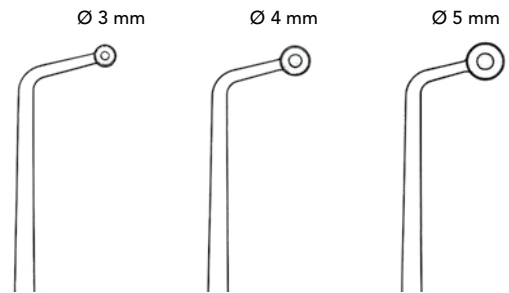
NU996.50 **NU996.51**
180 mm 200 mm

YASARGIL
25.5 cm/10"

Jaw spoon-shaped



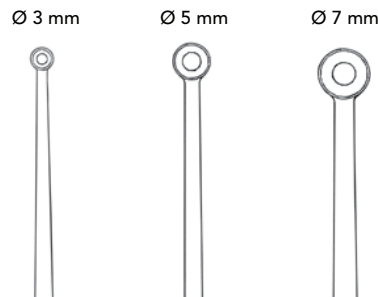
Jaw spoon-shaped



YASARGIL-SAMII

23 cm/9" **MT852.01** **MT852.02** **MT852.03** **MT853.01** **MT853.02** **MT853.03**

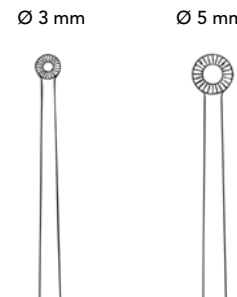
Jaw spoon-shaped



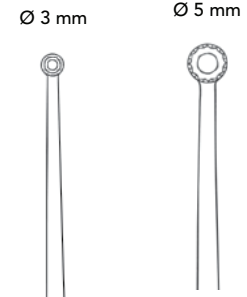
YASARGIL

22 cm/8¾" **MT863.22** **MT865.22** **MT867.22**
24 cm/9½" **MT863.24** **MT865.24** **MT867.24**

Jaw flat, serrated



Curette jaw, toothed



YASARGIL

20 cm/8" **MT871.20** **MT872.20**
22 cm/8¾" **MT871.22** **MT872.22** **MT873.22** **MT875.22**

Ø 0.6 mm

Ø 0.9 mm

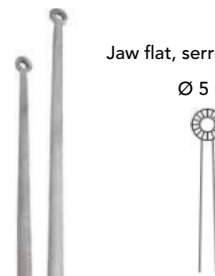


1:2

16 cm/6¼" **MT856.16** **MT859.16**
18 cm/7" **MT856.18** **MT859.18** **MT860.18**
20 cm/8" **MT856.20** **MT859.20**
22 cm/8¾" **MT856.22** **MT859.22**
24 cm/9½" **MT856.24** **MT859.24**

Jaw flat, serrated

Ø 5 mm



MT890.20

Ø 5 mm

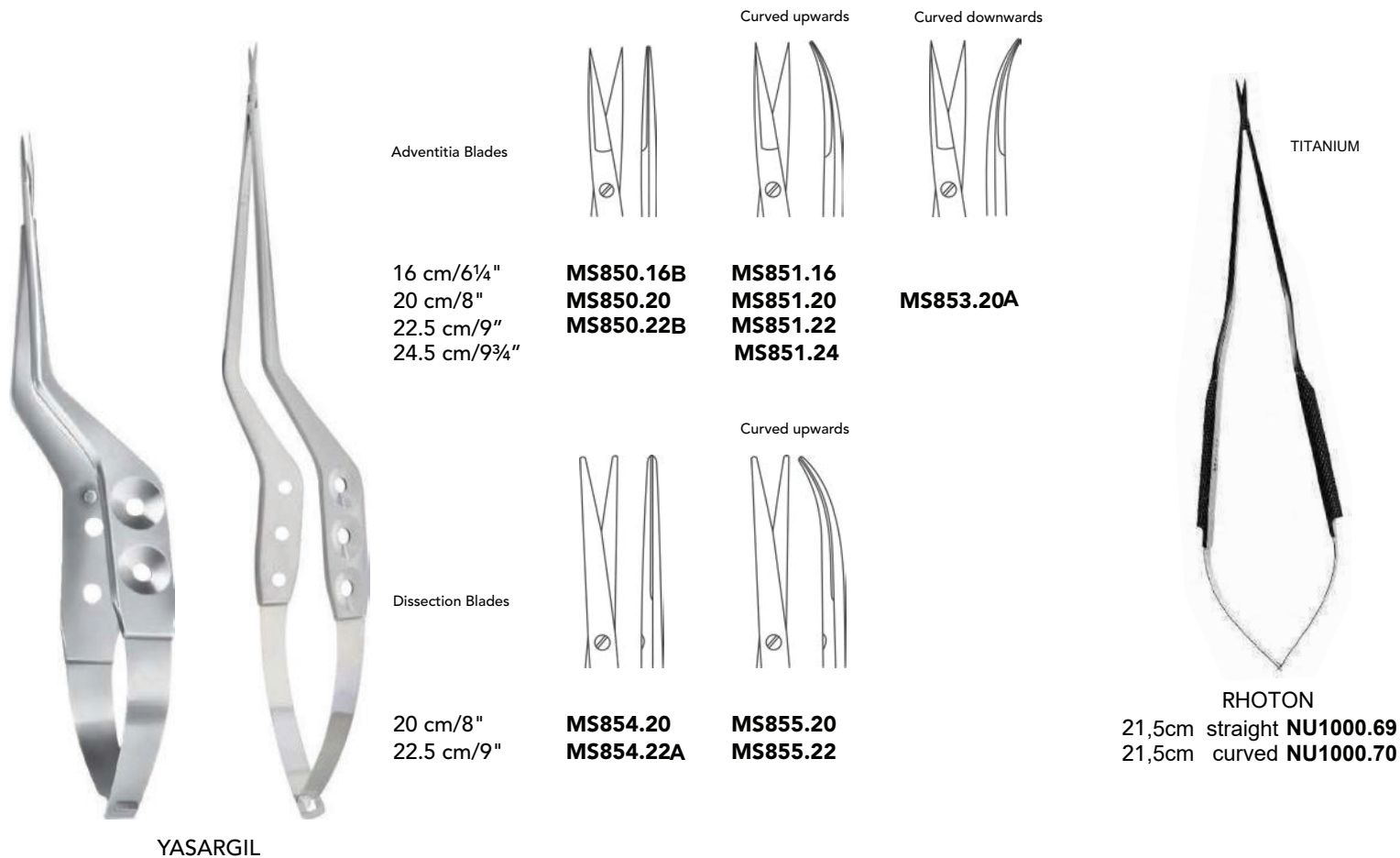
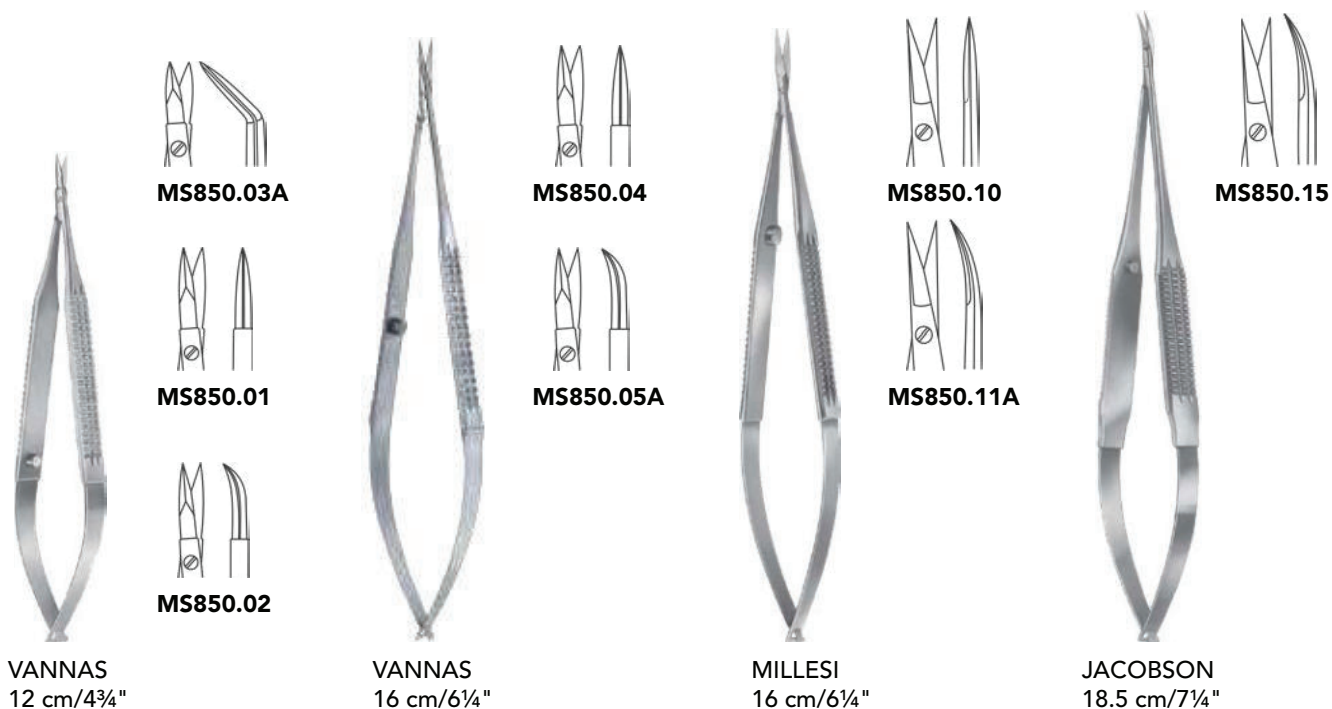


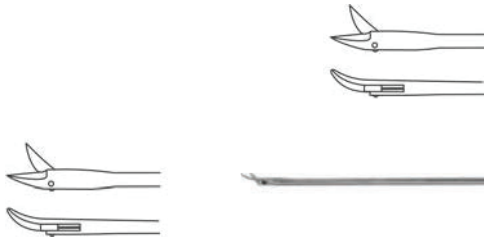
MT891.20

YASARGIL

HUNT
20 cm/8"

VERITY
GT1000.10
Ø 0.5 mm
22 cm/8¾"





CASPAR
NU850.60
11.5 cm/4½"

FAHLBUSCH
NU850.50
16.5 cm/6½"

Micro Needle Holders

Micro Needle Holders

MN850.20A
20 cm/8"

MN851.20A
20 cm/8"

MN850.22
22.5 cm/9"

MN851.22
22.5 cm/9"

MN852.18A
without catch

MN854.18
with catch



YASARGIL



HUDSON Set with tray
OP1000.01



JACOBSON
18 cm/7"



JACOBSON
18 cm/7"



OP1000.02
RANEY



OP546.02
Sadece matkap kolu
Brace only

HUDSON
OP546.00
Komple/Complete
OP546.01, OP546.02, OP546.05,
OP546.06, OP546.07, OP546.08,
OP546.12



HUDSON
OP546.01
Sadece uzatma parçası
Extension piece only



CUSHING
OP546.03
Ø 10 mm



CUSHING
OP546.04
Ø 15 mm



CUSHING
OP546.05
Ø 14 mm



McKENZIE
OP546.06
Ø 13 mm



HUDSON
OP546.07
Ø 14 mm



HUDSON
OP546.08
Ø 16 mm



ADSON
OP546.09
Ø 15 mm



HUDSON
OP546.10
Ø 22 mm



HUDSON
OP546.11
Ø 9 mm



OP546.12
Ø 2 mm