
WUNDHAKEN
RETRACTORS
SEPARADORES
ECARTEURS
DIVARICATORI

AK

nopa[®] instruments



AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
 Delicate Hooks
 Ganchos
 Crochets très fins
 Divaricatori sottili



GILLIES
 AK 020/01
 18,0 cm/7"



GILLIES
 AK 020/02
 18,0 cm/7"



KILNER
 AK 022/15
 15,0 cm/6"



FRAZIER
 AK 024/13
 13,0 cm/5"



AK 026/01



KLEINERT-KUTZ
 AK 026/02
 16,0 cm/6¹/₄"

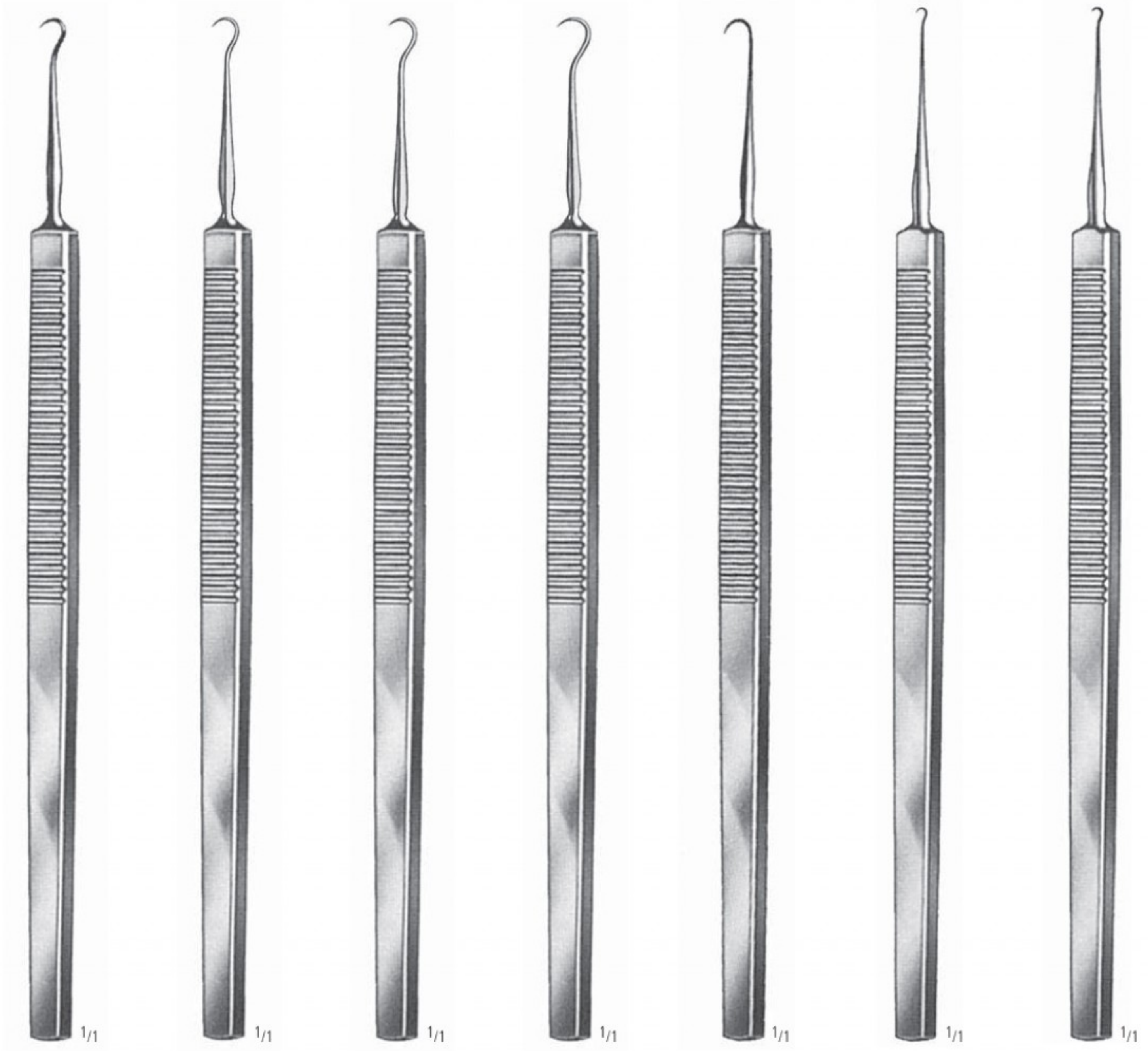


AK 026/03

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili

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AK 028/01
16,0 cm/6¹/₄"

AK 028/02
16,0 cm/6¹/₄"

AK 028/03
16,0 cm/6¹/₄"

AK 028/04
16,0 cm/6¹/₄"

O' CONNOR
AK 030/16
16,0 cm/6¹/₄"

GRAEFE
AK 032/01
16,0 cm/6¹/₄"

GRAEFE
AK 032/02
16,0 cm/6¹/₄"

AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
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CUSHING
28,0 cm/11"



AK 034/01



AK 034/02



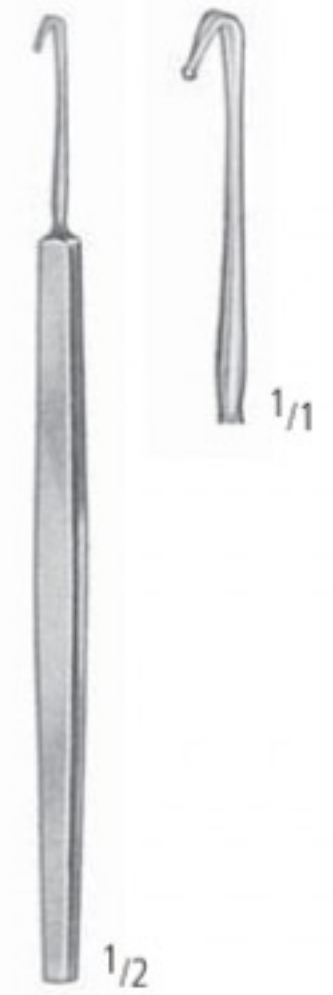
CUSHING
19,0 cm/7¹/₂"



AK 036/01



AK 036/02



MOLDESTAD
AK 038/13
13,0 cm/5"



AK 040/05
5 mm



AK 040/07
7 mm

17,0 cm/6³/₄"



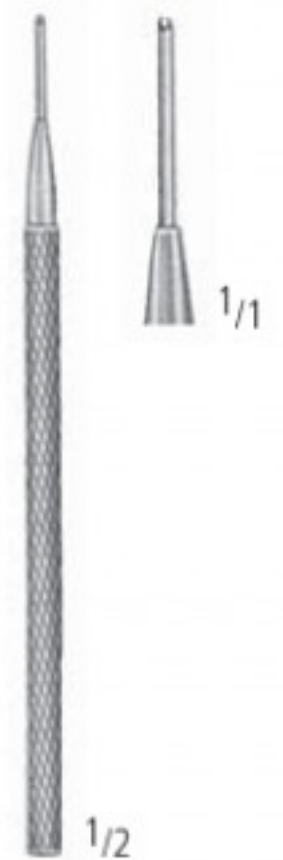
AK 042/10
Ø 1,0 mm



AK 042/12
Ø 1,2 mm



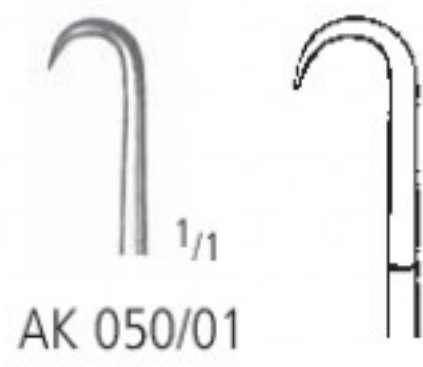
18,5 cm/7¹/₃"



AK 044/11
11,0 cm/4¹/₃"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

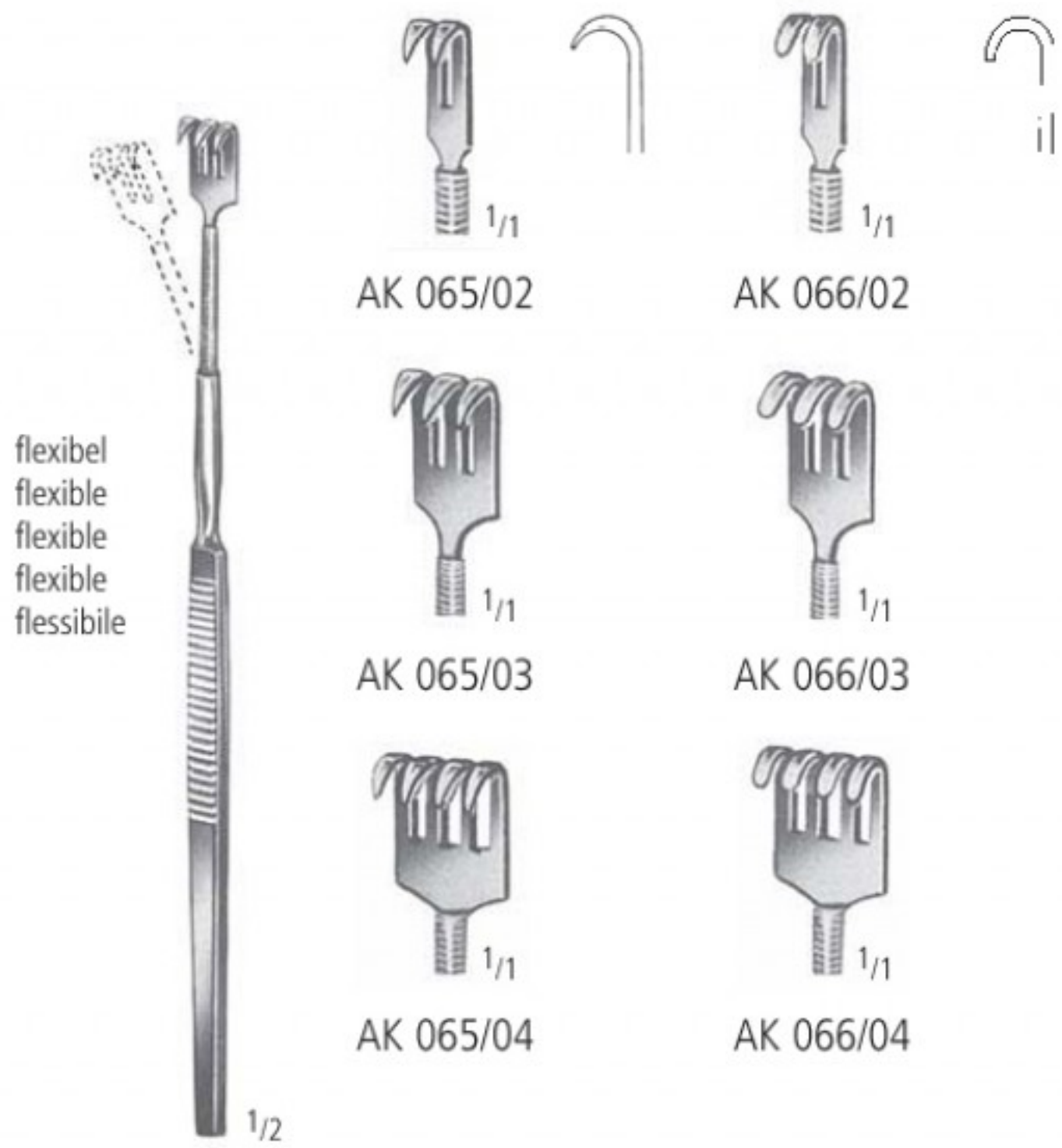
Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



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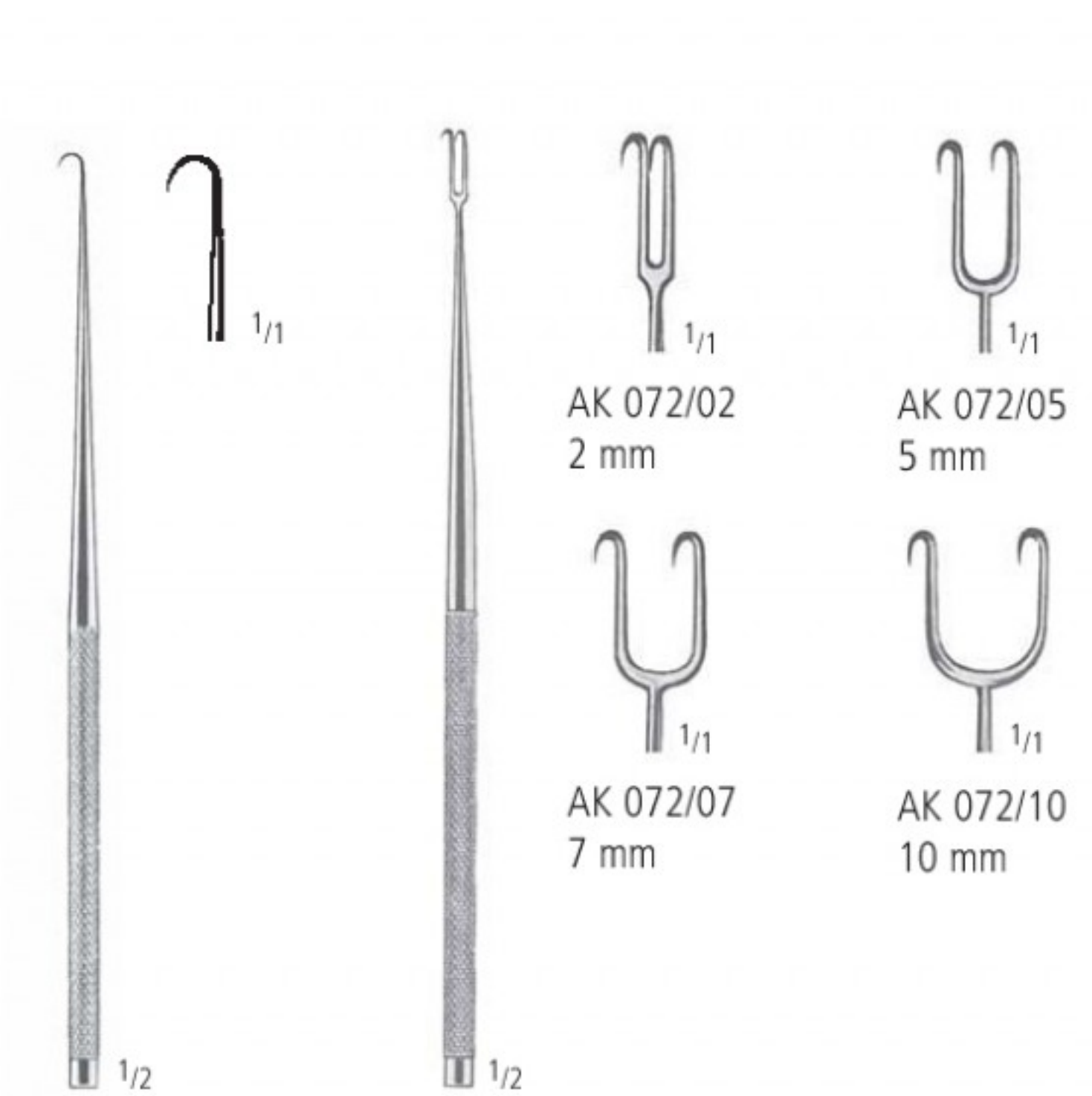
AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



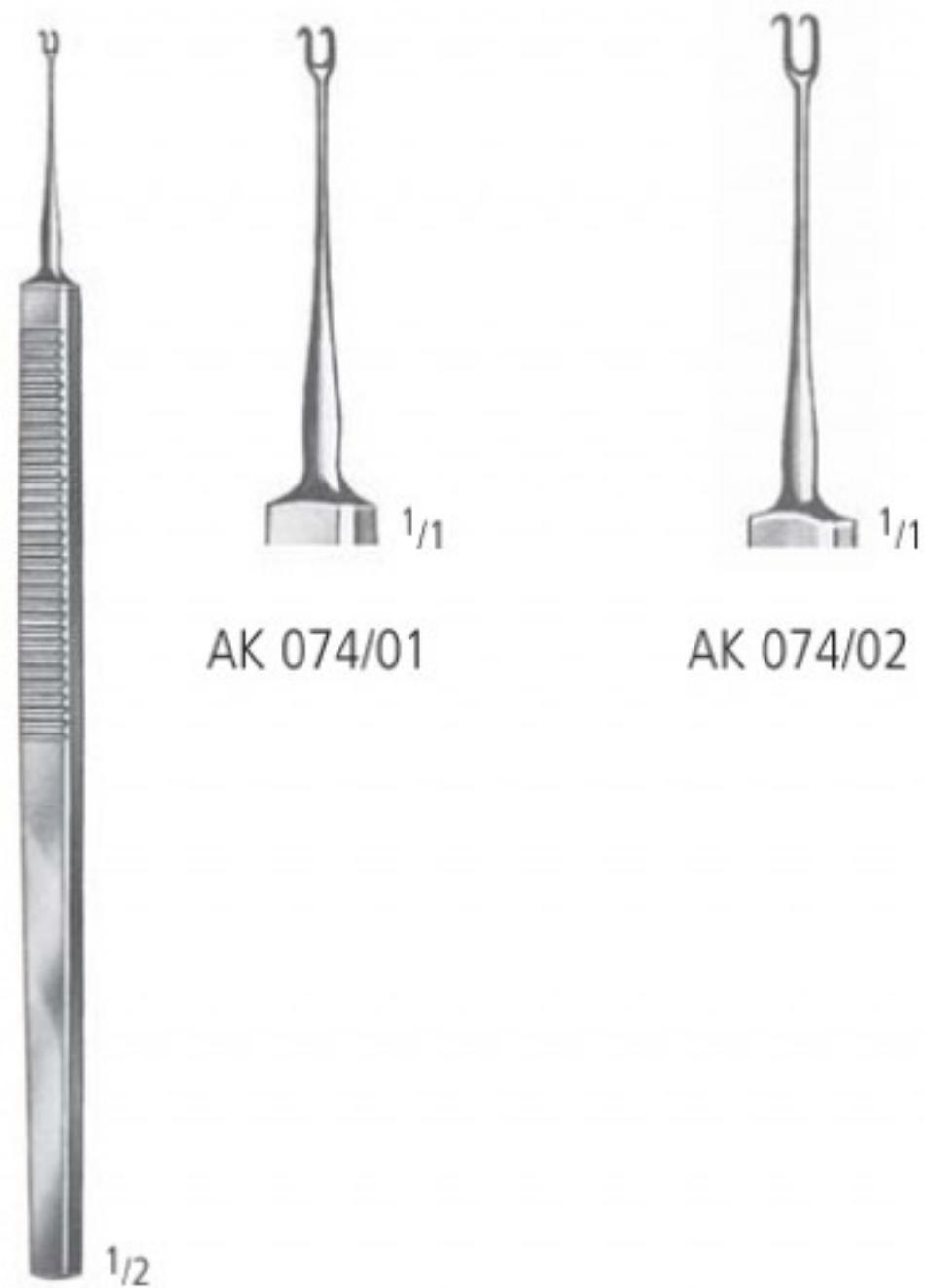
flexibel
flexible
flexible
flexible
flexibile

16,0 cm/6¹/₄"



JOSEPH
AK 070/16
16,0 cm/6¹/₄"

JOSEPH
16,0 cm/6¹/₄"



GUTHRIE
16,0 cm/6¹/₄"



ROLLET
AK 076/13
13,0 cm/5"

KNAPP
13,0 cm/5"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



1/2

MEYERDING
18,0 cm/7"



1/1

AK 080/01
18 x 7 mm



1/1

AK 080/02
16 x 5 mm



1/1

AK 080/03
7 x 4 mm



1/1

AK 080/04
10 x 3 mm



1/1

AK 080/05
7 x 4 mm



1/1

AK 080/06
4 x 10 mm



1/2

SENN-GREEN
15,0 cm/6"



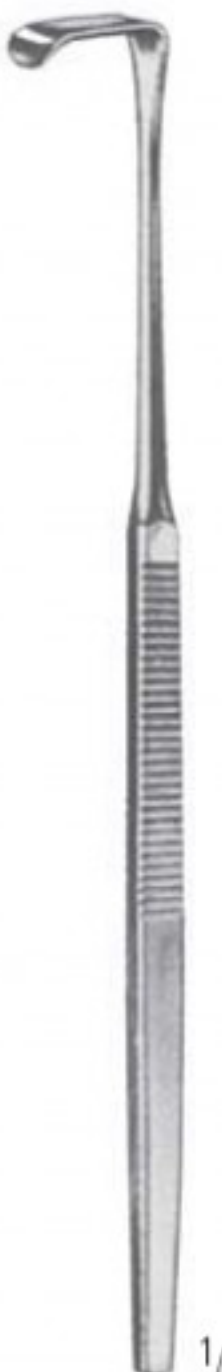
1/1

AK 082/10
10 x 6 mm



1/1

AK 082/20
20 x 6 mm



1/2

MINI-LANGENBECK
16,0 cm/6¹/₄"



1/1

AK 086/10
10 x 6 mm



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AK 086/17
17 x 5 mm



1/1

AK 086/20
20 x 6 mm



1/1

AK 086/22
22 x 8 mm

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



-  $\frac{1}{1}$
AK 090/08
8 mm
-  $\frac{1}{1}$
AK 090/12
12 mm
-  $\frac{1}{1}$
AK 090/16
16 mm

DESMARRES
13,0 cm/5"



-  $\frac{1}{1}$
AK 090/10
10 mm
-  $\frac{1}{1}$
AK 090/14
14 mm
-  $\frac{1}{1}$
AK 090/18
18 mm



-  $\frac{1}{1}$
AK 092/08
8 mm
-  $\frac{1}{1}$
AK 092/12
12 mm
-  $\frac{1}{1}$
AK 092/16
16 mm

DESMARRES
16,0 cm/6 $\frac{1}{4}$ "

-  $\frac{1}{1}$
AK 092/10
10 mm
-  $\frac{1}{1}$
AK 092/14
14 mm
-  $\frac{1}{1}$
AK 092/18
18 mm



-  $\frac{1}{1}$
AK 100/08
8 mm
-  $\frac{1}{1}$
AK 100/12
12 mm
-  $\frac{1}{1}$
AK 100/16
16 mm

CUSHING
20,0 cm/8"

-  $\frac{1}{1}$
AK 100/10
10 mm
-  $\frac{1}{1}$
AK 100/14
14 mm
-  $\frac{1}{1}$
AK 100/18
18 mm



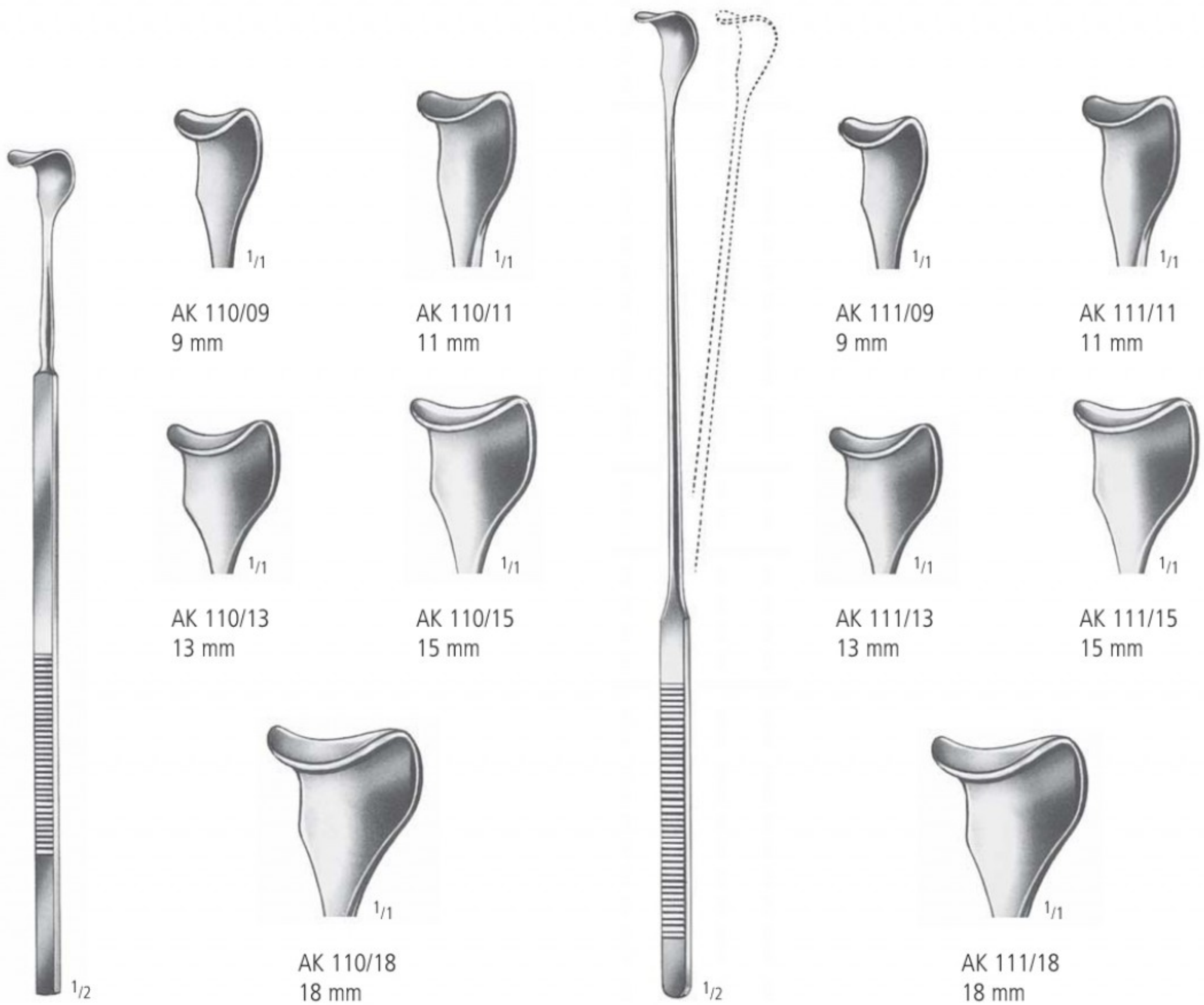
-  $\frac{1}{1}$
AK 102/08
8 mm
-  $\frac{1}{1}$
AK 102/12
12 mm
-  $\frac{1}{1}$
AK 102/16
16 mm

CUSHING
24,0 cm/9 $\frac{1}{2}$ "

-  $\frac{1}{1}$
AK 102/10
10 mm
-  $\frac{1}{1}$
AK 102/14
14 mm
-  $\frac{1}{1}$
AK 102/18
18 mm

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken
Delicate Hooks
Ganchos
Crochets très fins
Divaricatori sottili



GIL-VERNET
24,5 cm/9³/₄"

GIL-VERNET
28,0 cm/11"

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Feine Wundhaken, Spinalhaken
 Delicate Retractors, Spinal Retractors
 Separadores finas, Separadores espinales
 Ecarteurs fins, Ecarteurs spinals
 Divaricatori sottili, Divaricatori spinali



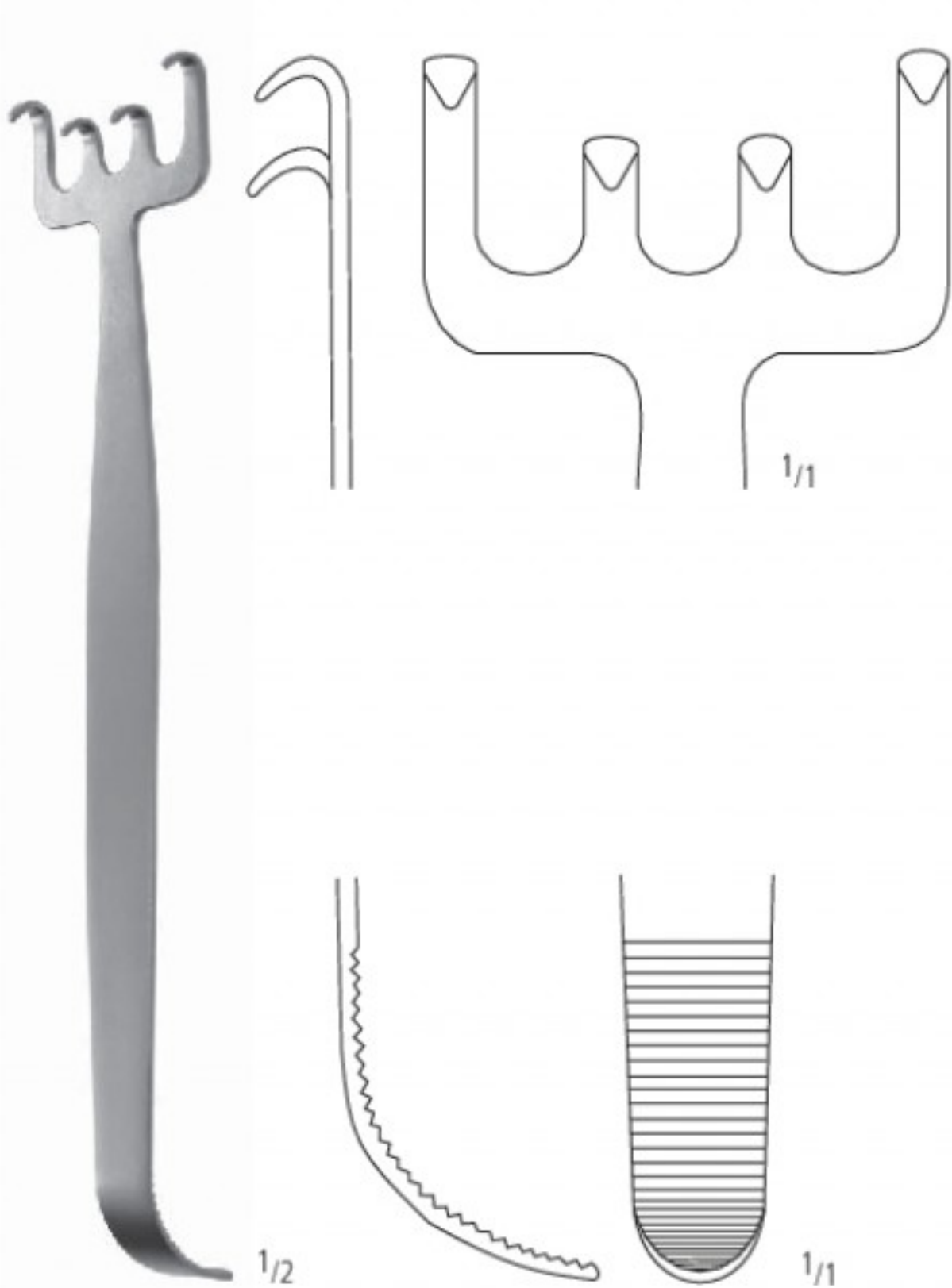
BABY-SENN-MILLER
 15,0 cm/6"



SENN-MILLER
 16,0 cm/6 1/4"



RAGNELL-DAVIS
 AK 125/14
 14,0 cm/5 1/2"



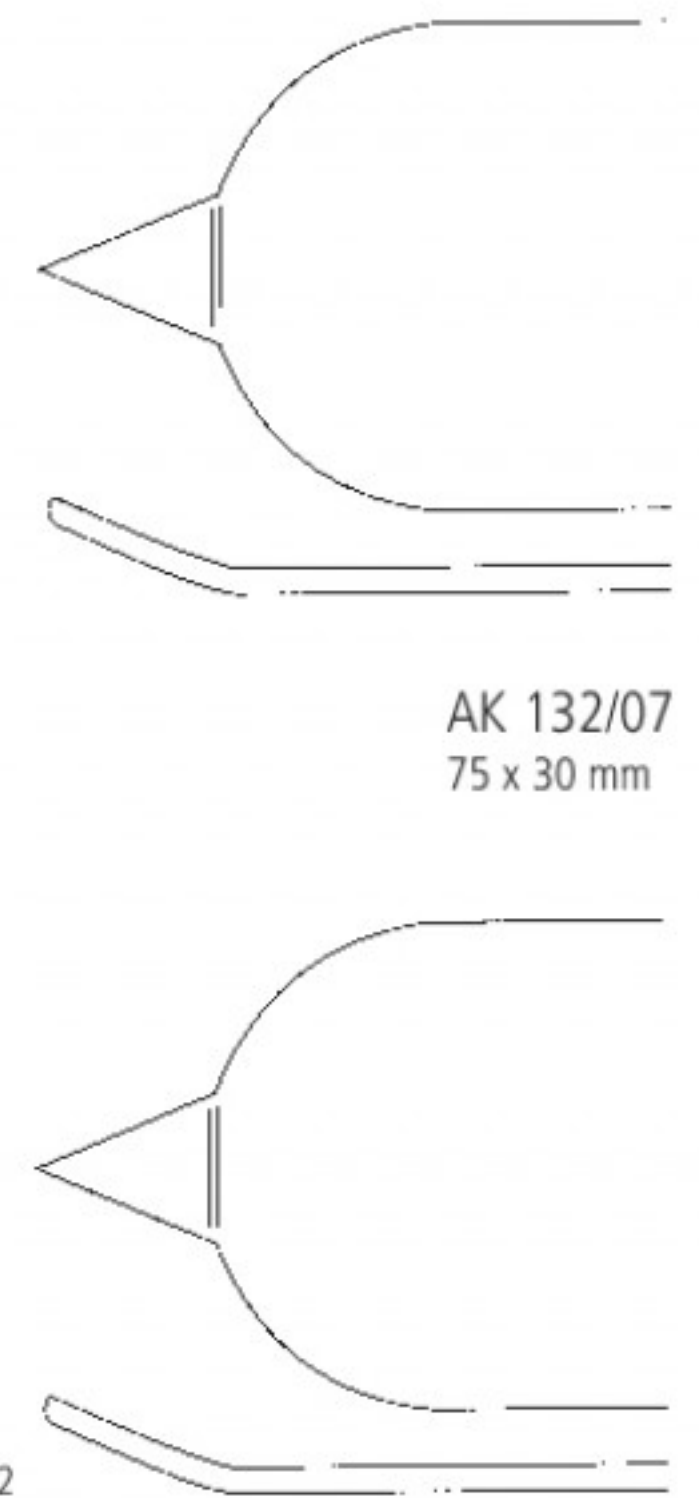
WALTER
 AK 128/19
 19,0 cm/7 1/2"



CUSHING
 AK 130/20
 20,0 cm/8"



TAYLOR
 16,5 cm/6 1/2"



AK 132/10
 100 x 30 mm

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

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1/2

VOLKMANN
21,5 cm/8 1/2"

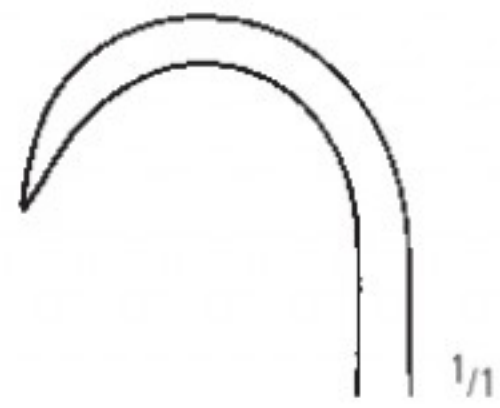
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| | | | | | | |
| AK 150/01 | AK 150/02 | AK 150/03 | AK 150/04 | AK 150/06 | AK 150/06 | AK 150/06 |
| | | | | | | |
| AK 151/01 | AK 151/02 | AK 151/03 | AK 151/04 | AK 151/06 | AK 151/06 | AK 151/06 |
| | | | | | | |
| AK 152/01 | AK 152/02 | AK 152/03 | AK 152/04 | AK 152/06 | AK 152/06 | AK 152/06 |



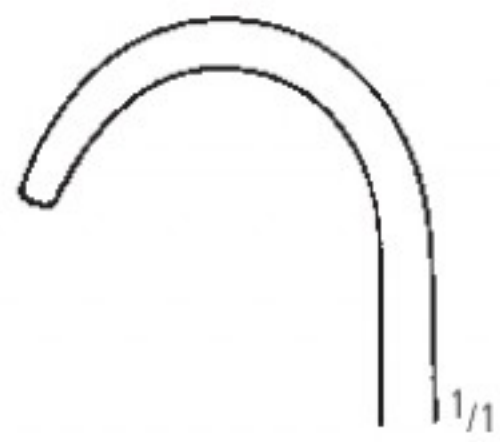
1/2

KOCHER
22,0 cm/8 3/4"

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| AK 160/01 | AK 160/02 | AK 160/03 | AK 160/04 | AK 160/06 | AK 160/08 | AK 160/08 |
| | | | | | | |
| AK 161/01 | AK 161/02 | AK 161/03 | AK 161/04 | AK 161/06 | AK 161/08 | AK 161/08 |
| | | | | | | |
| AK 162/01 | AK 162/02 | AK 162/03 | AK 162/04 | AK 162/06 | AK 162/08 | AK 162/08 |

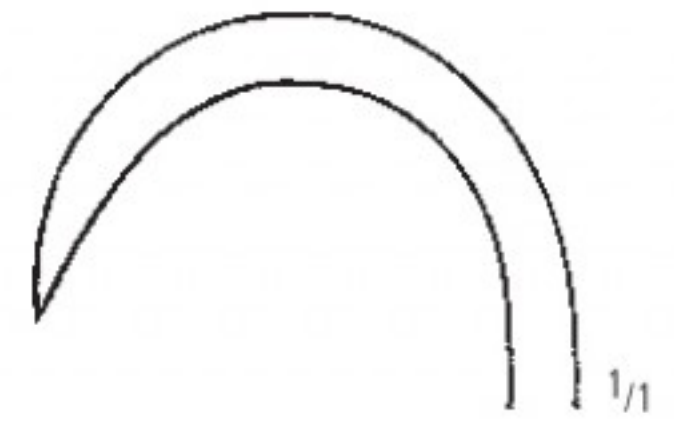


AK 170/21

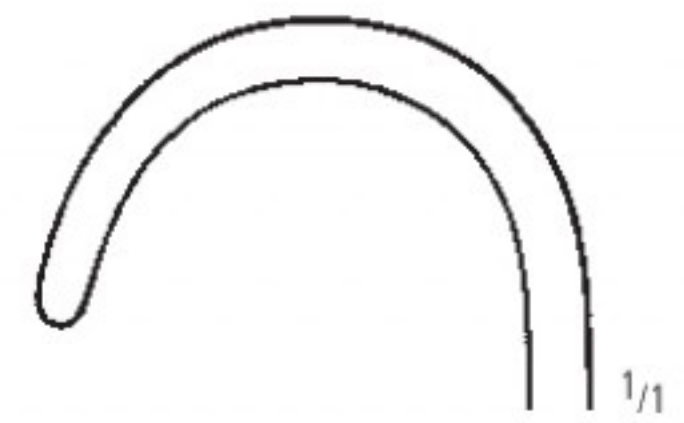


AK 171/21

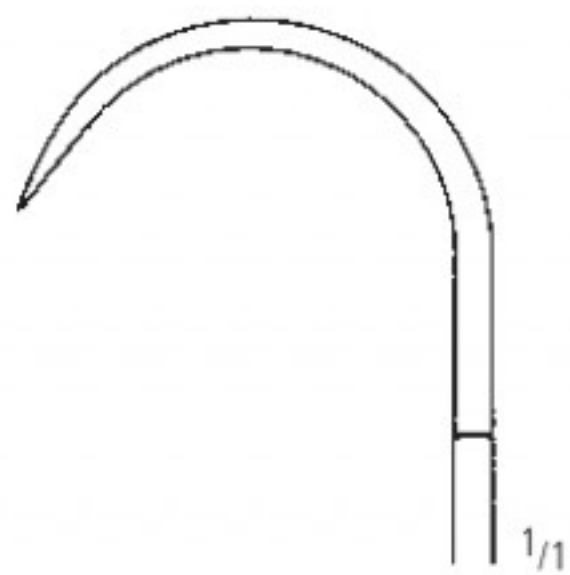
VOLKMANN
21,5 cm/8¹/₂"



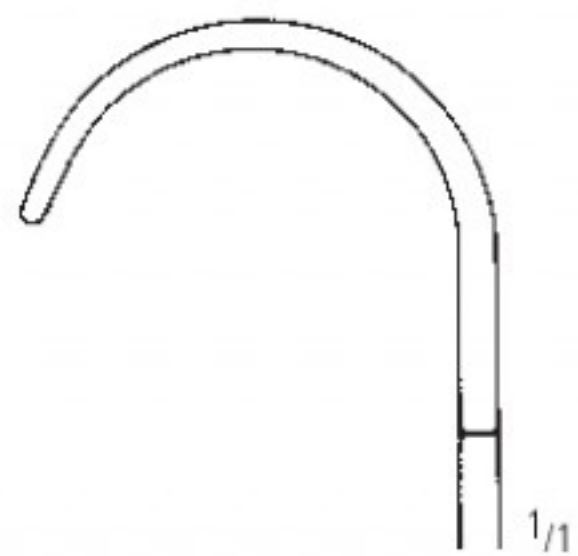
AK 172/20
20,0 cm/8"



AK 173/20
20,0 cm/8"



AK 180/08
26 x 40 mm



AK 181/08
26 x 40 mm

KOERTE
24,0 cm/9¹/₂"



AK 185/35
35 x 40 mm



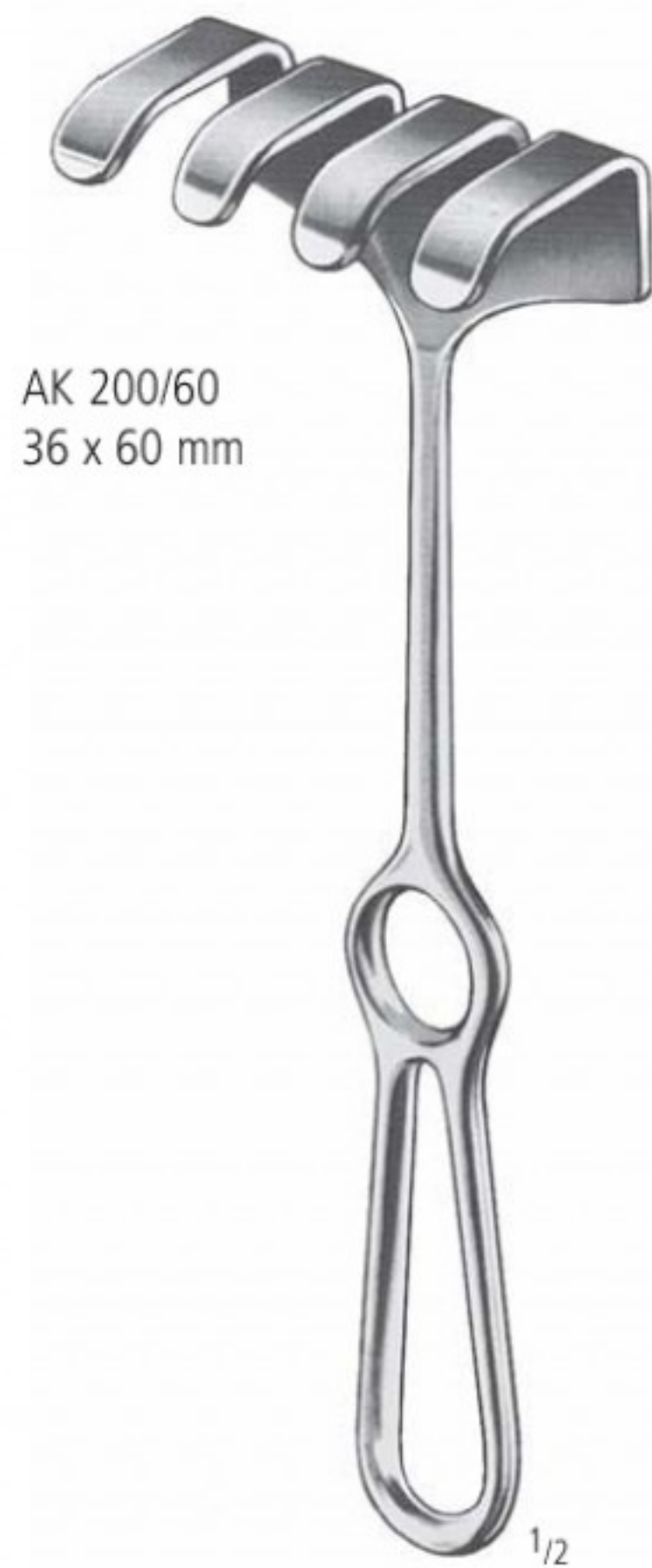
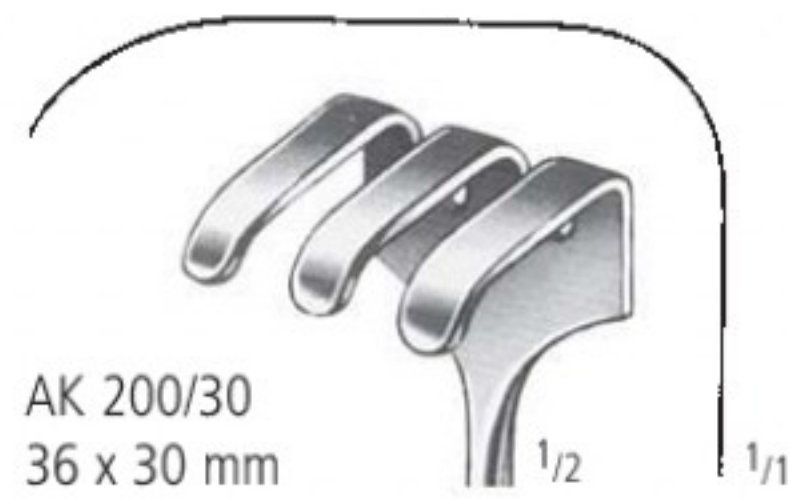
AK 185/43
43 x 35 mm



AK 185/45
45 x 50 mm

BILLROTH
25,0 cm/10"

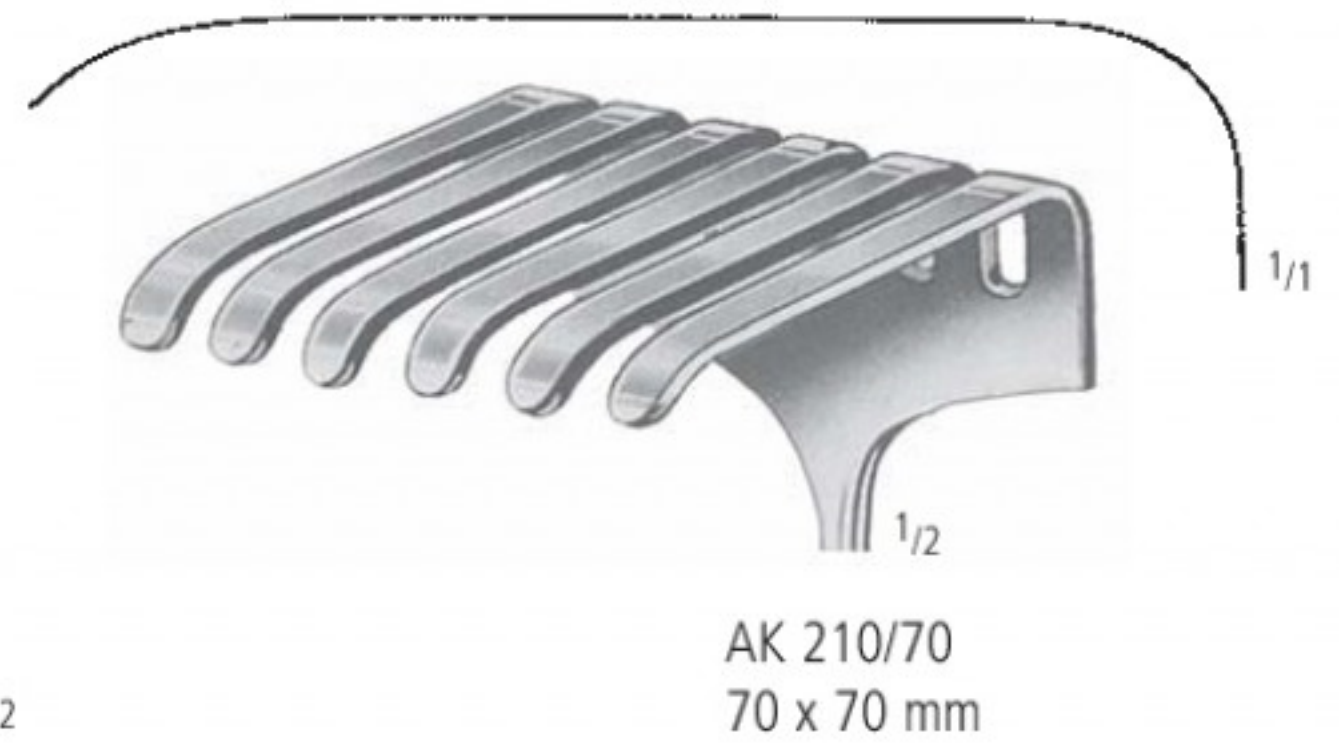
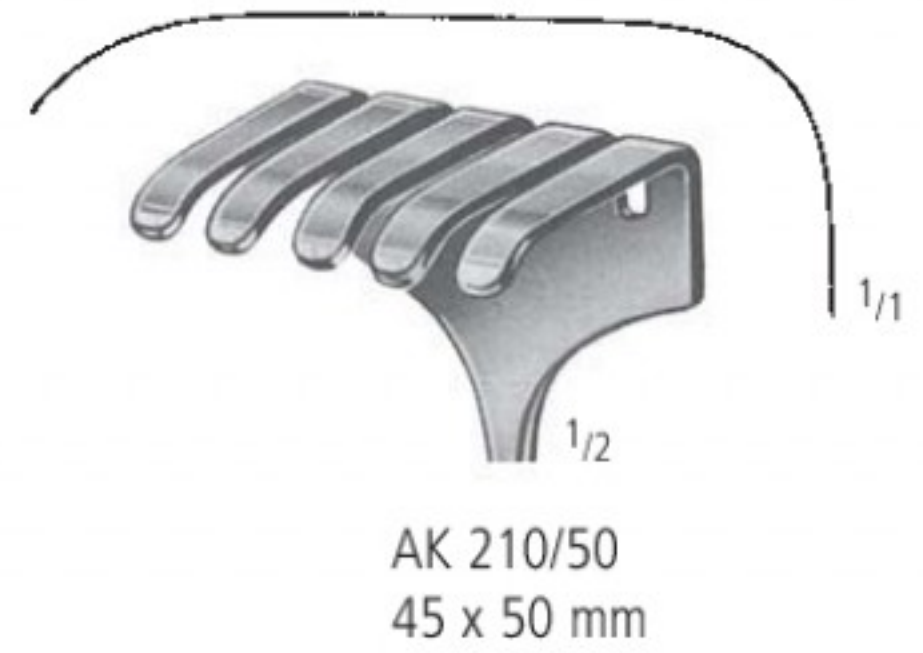
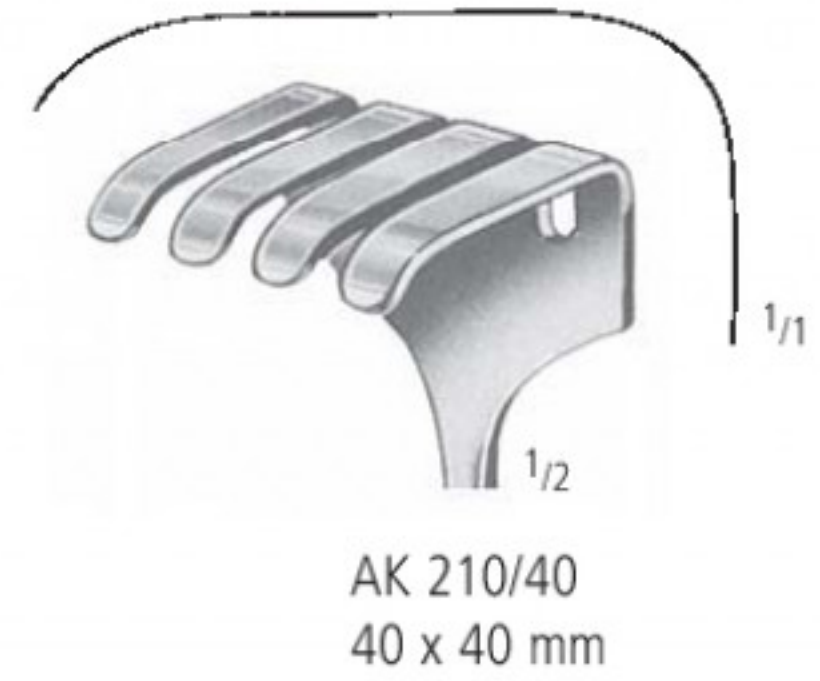
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OLLIER
22,5 cm/9"

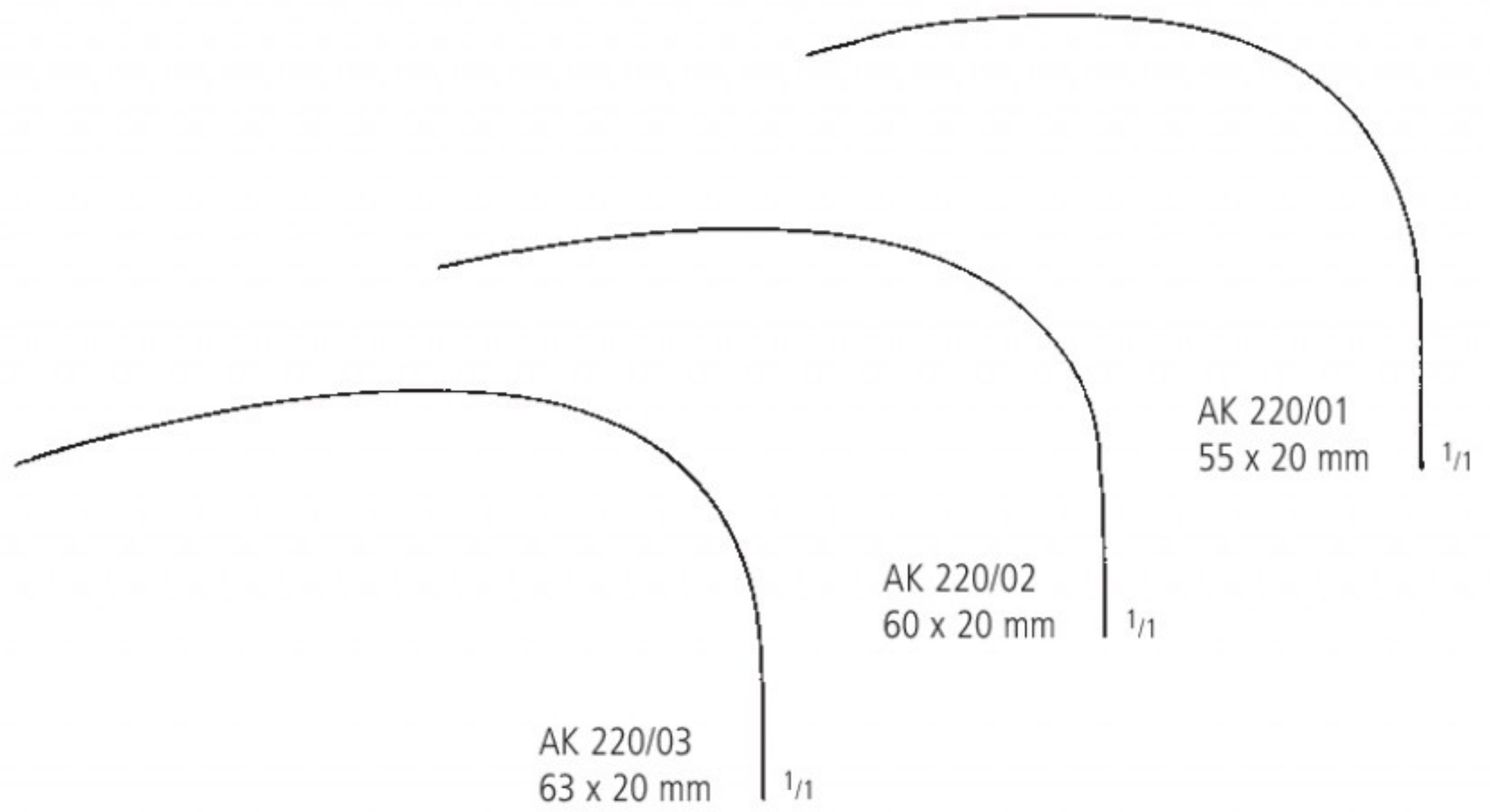


ISRAEL
25,0 cm/10"





LANGENBECK
21,0 cm/8¹/₄"



AK 220/01
55 x 20 mm ¹/₁

AK 220/02
60 x 20 mm ¹/₁

AK 220/03
63 x 20 mm ¹/₁



LANGENBECK
AK 230/01-05
22,0 cm/8³/₄"



AK 230/01
AK 231/01
30 x 11 mm



AK 230/02
AK 231/02
30 x 14 mm



AK 230/03
AK 231/03
30 x 16 mm



AK 230/04
AK 231/04
40 x 11 mm



AK 230/05
AK 231/05
50 x 11 mm



LANGENBECK
AK 231/01-05
22,0 cm/8³/₄"

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KOCHER-LANGENBECK
21,5 cm/8½"



AK 233/01
25 x 6 mm



AK 233/02
35 x 8 mm



AK 233/03
35 x 11 mm



AK 233/04
35 x 15 mm



AK 233/05
40 x 11 mm



AK 233/06
55 x 11 mm



AK 233/07
70 x 14 mm



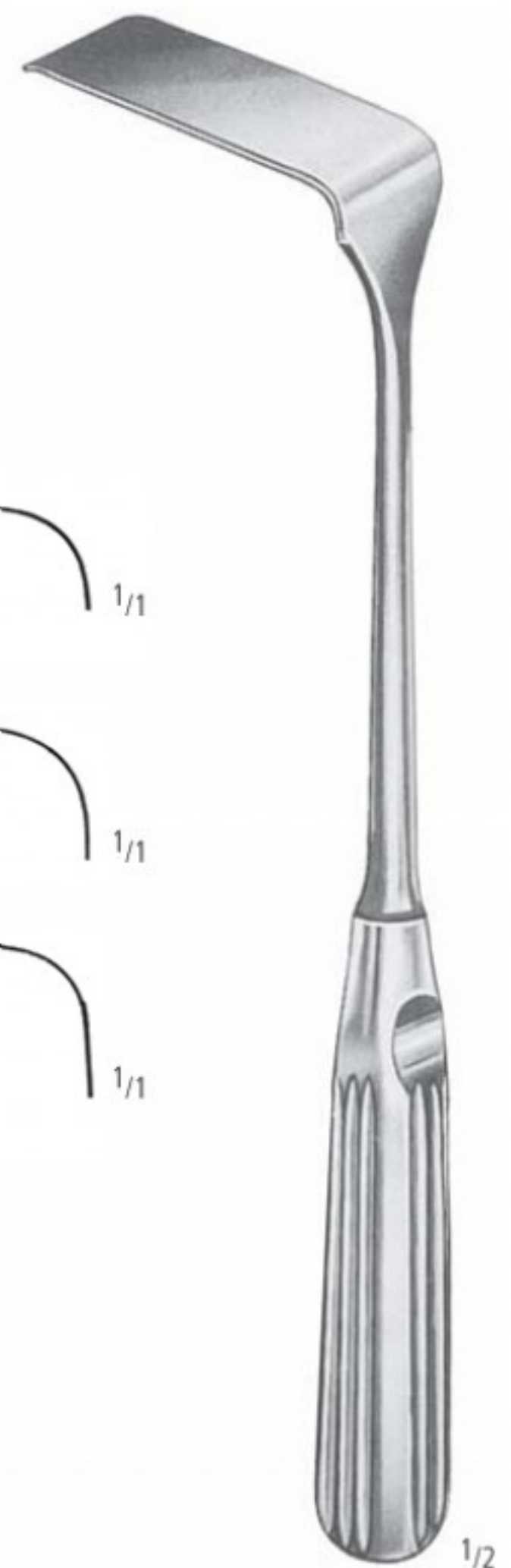
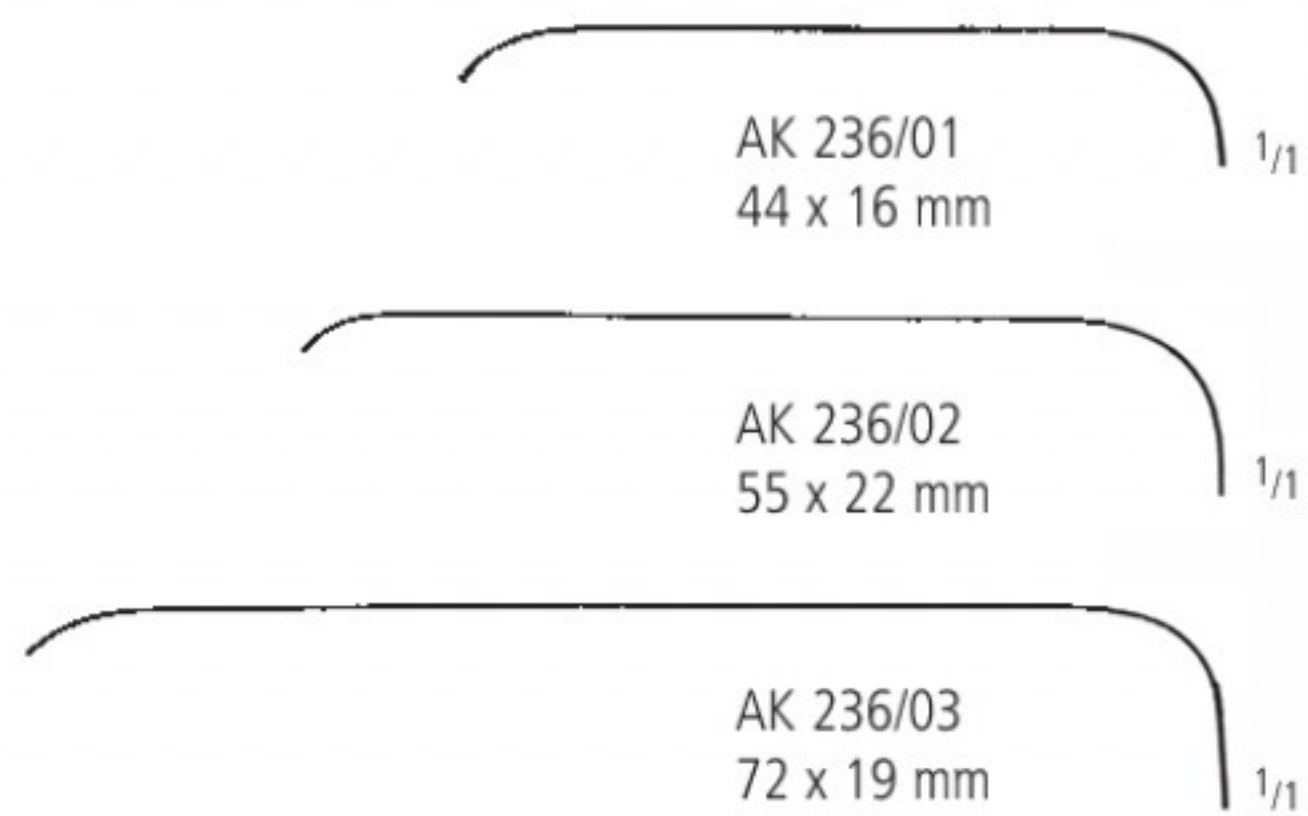
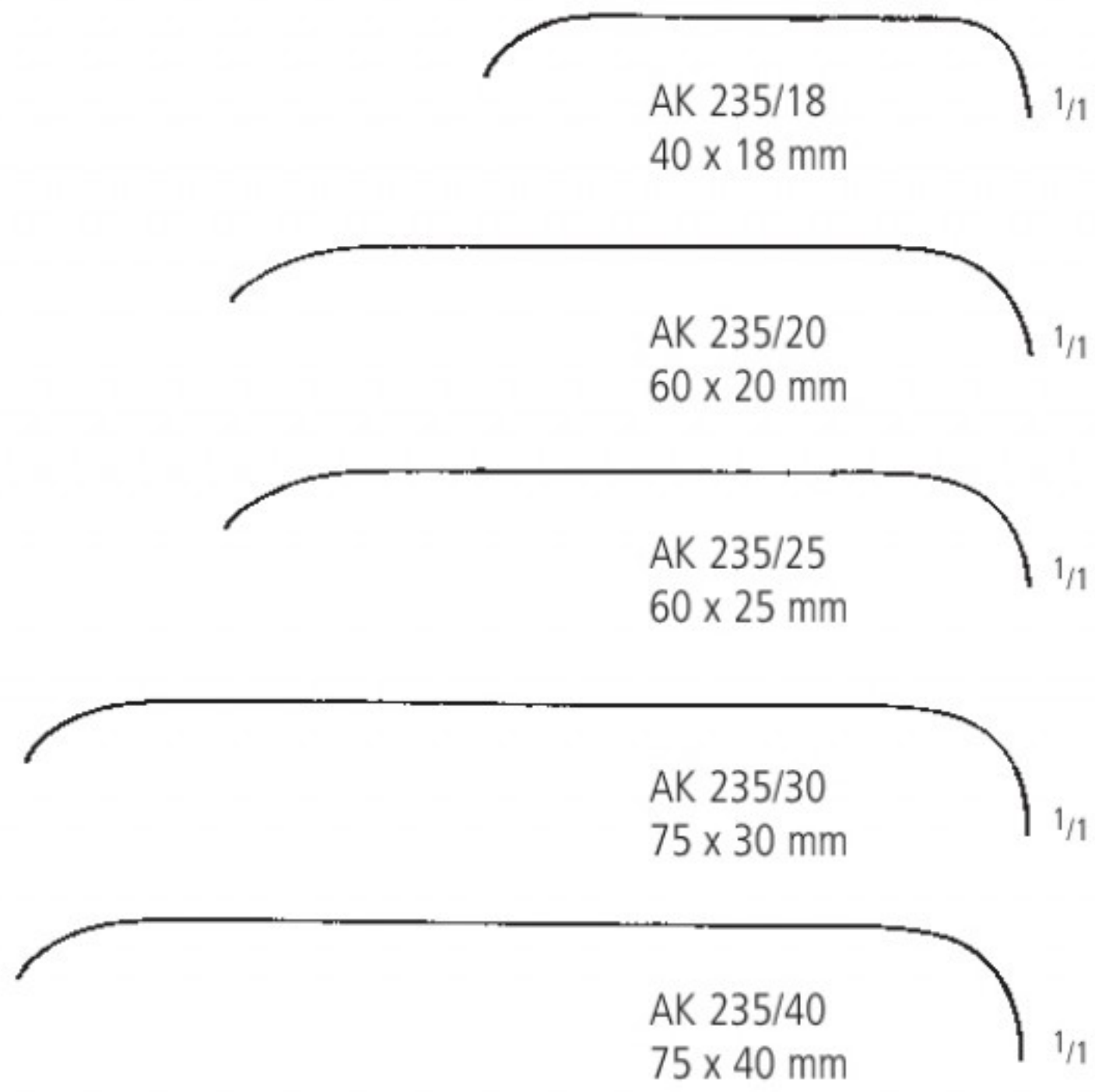
AK 233/08
80 x 12 mm



AK 233/09
80 x 16 mm



KOCHER
23,0 cm/9"



SAUERBRUCH
22,5 cm/8³/₄"



AK 237/01
50 x 55 mm

MORRIS
26,0 cm/10¹/₂"



AK 237/02
70 x 40 mm

AK 237/03
70 x 50 mm

AK 237/04
70 x 65 mm

MORRIS
25 cm/10"



60 x 50 mm

60 x 45 mm

MORRIS
AK 238/24
25,0 cm/10"

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105 x 27 mm

95 x 20 mm

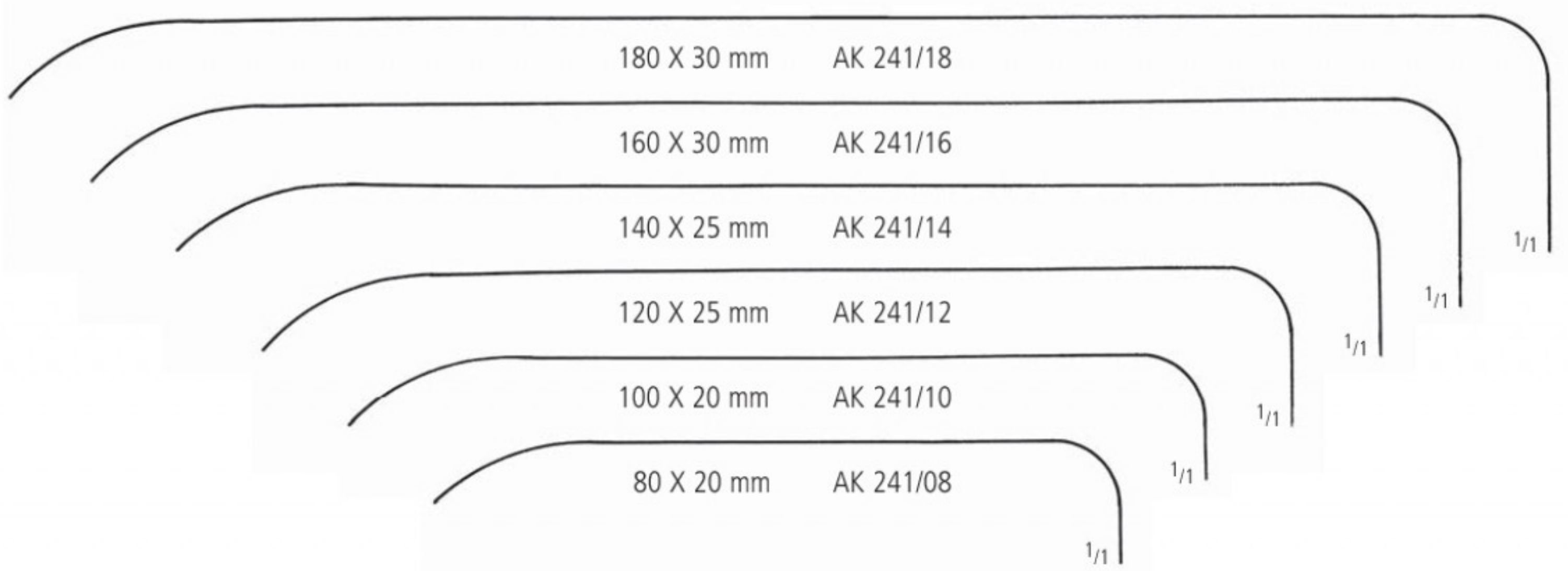
MARTIN
AK 238/25
25,0 cm/10"

MODELL TÜBINGEN
AK 239/28
28,0 cm/11"

AK 240/22
115 x 22 mm

SIMON
28,0 cm/11"

AK 240/27
115 x 27 mm



BRUNNER
AK 241/08-18
25,0 cm/10"

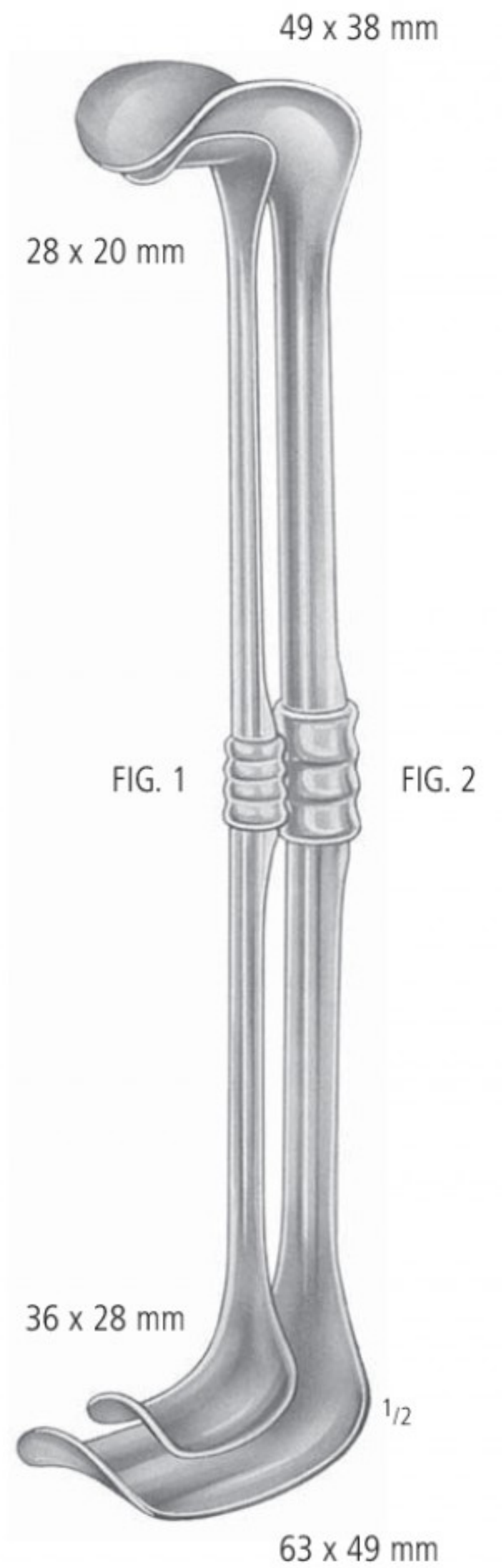
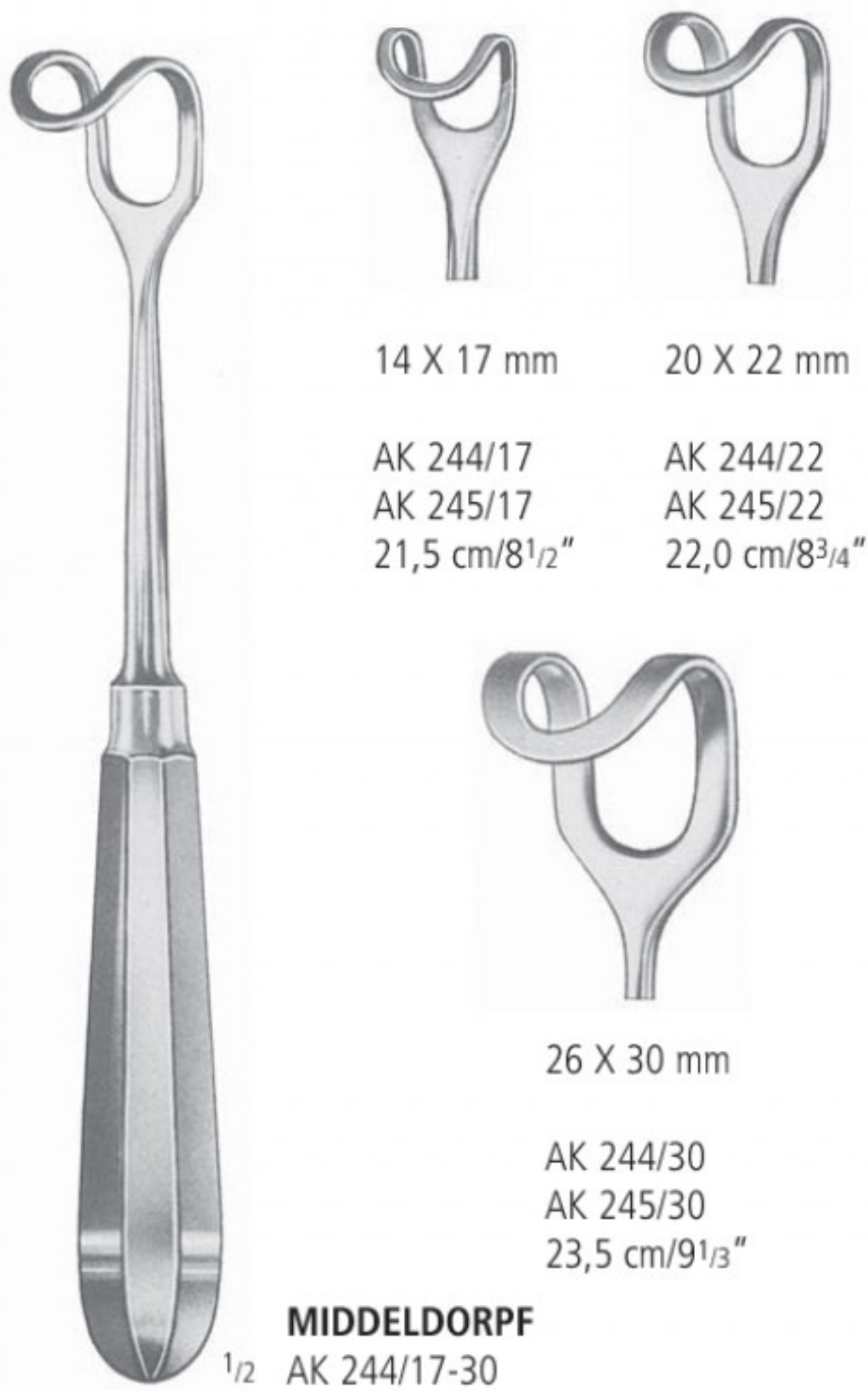


LAHEY
AK 242/19
19,0 cm/7 1/2"



LITTLE
AK 243/20
20,0 cm/8"

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RICHARDSON-EASTMAN
FIG. 1+2 AK 248/00
FIG. 1 26,0 cm/10¹/₂" AK 248/01
FIG. 1 28,0 cm/11" AK 248/02





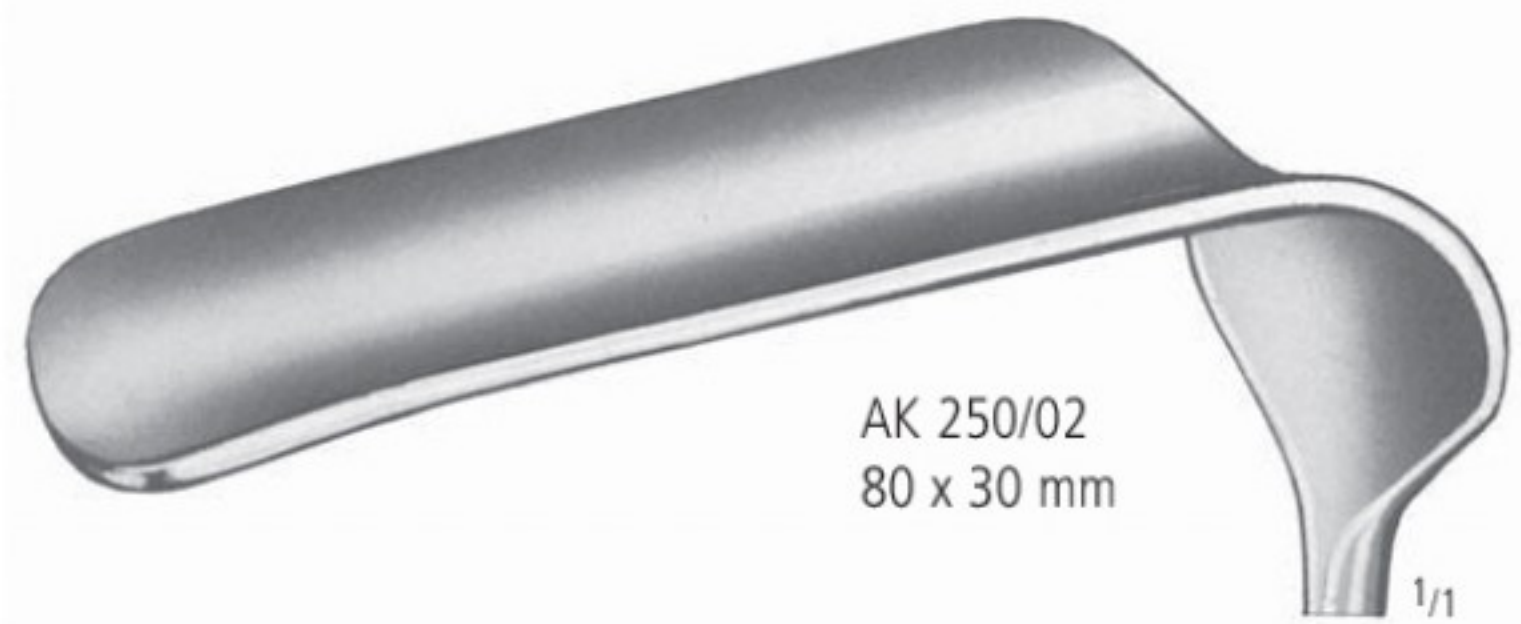
HOESEL
25,0 cm/10"

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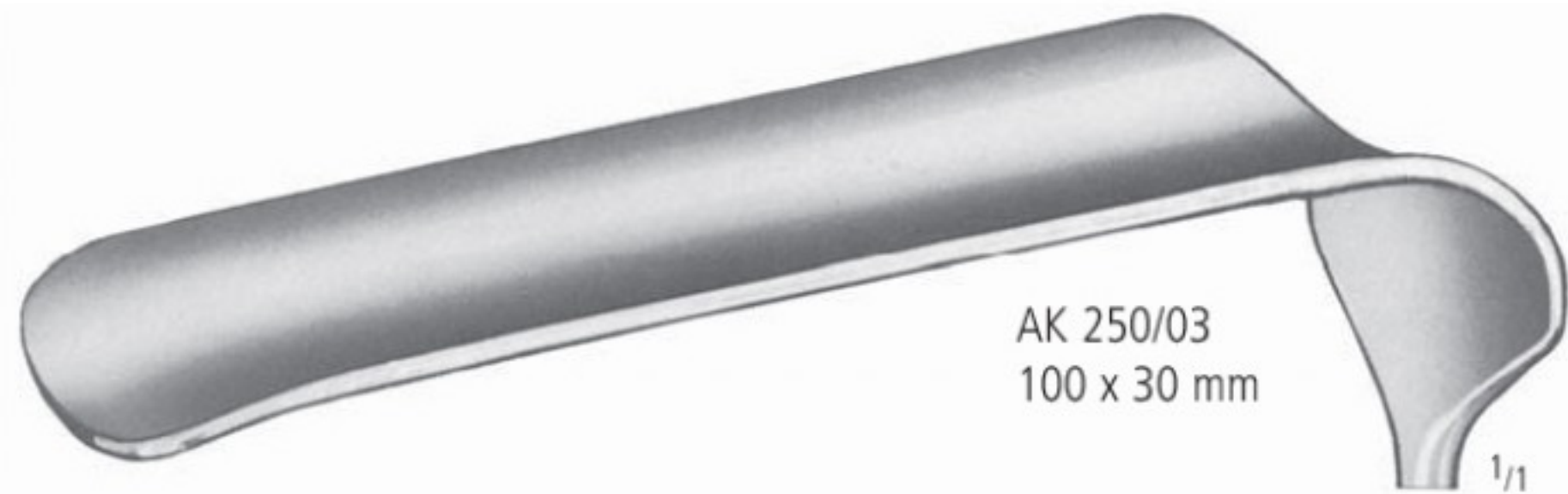
AK 250/01
60 x 20 mm

1/1



AK 250/02
80 x 30 mm

1/1



AK 250/03
100 x 30 mm

1/1



AK 250/04
120 x 30 mm

1/1



AK 250/05
140 x 30 mm

1/1



AK 250/06
140 x 40 mm

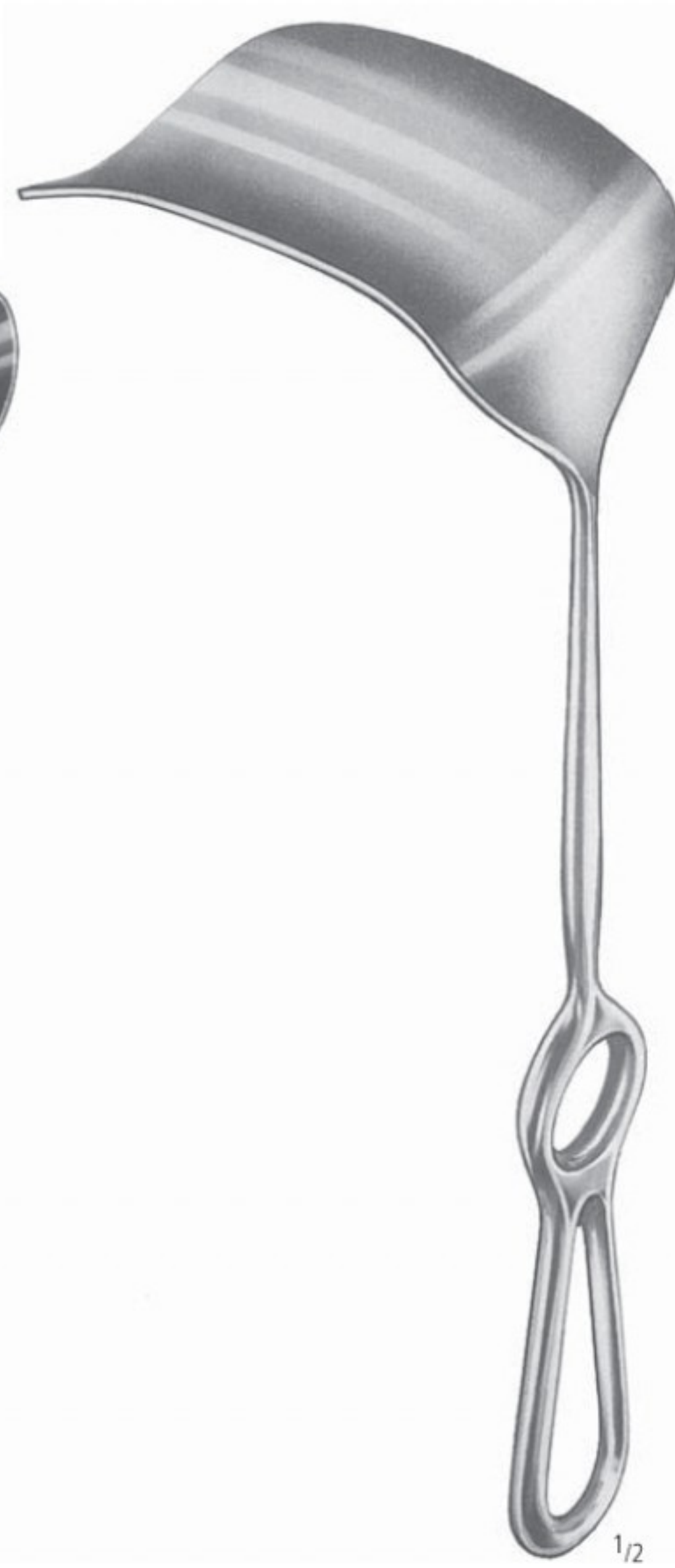
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FRITSCH
24,0 cm / 9¹/₂"

| | |
|------------|-----------|
| 45 x 40 mm | AK 254/40 |
| 45 x 50 mm | AK 254/50 |
| 45 x 60 mm | AK 254/60 |
| 45 x 75 mm | AK 254/75 |
| 65 x 85 mm | AK 254/85 |



KOCHER

| | | |
|------------|---|-----------|
| 70 x 25 mm | 22,0 cm / 8 ³ / ₄ " | AK 256/25 |
| 80 x 42 mm | 25,0 cm / 10" | AK 256/42 |
| 80 x 50 mm | 25,0 cm / 10" | AK 256/50 |
| 80 x 60 mm | 25,0 cm / 10" | AK 256/60 |



DOYEN-STILLE
24,0 cm / 9¹/₂"

| | |
|-------------|-----------|
| 90 x 15 mm | AK 258/15 |
| 90 x 20 mm | AK 258/20 |
| 90 x 30 mm | AK 258/30 |
| 110 x 35 mm | AK 258/35 |
| 110 x 40 mm | AK 258/40 |
| 120 x 55 mm | AK 258/55 |

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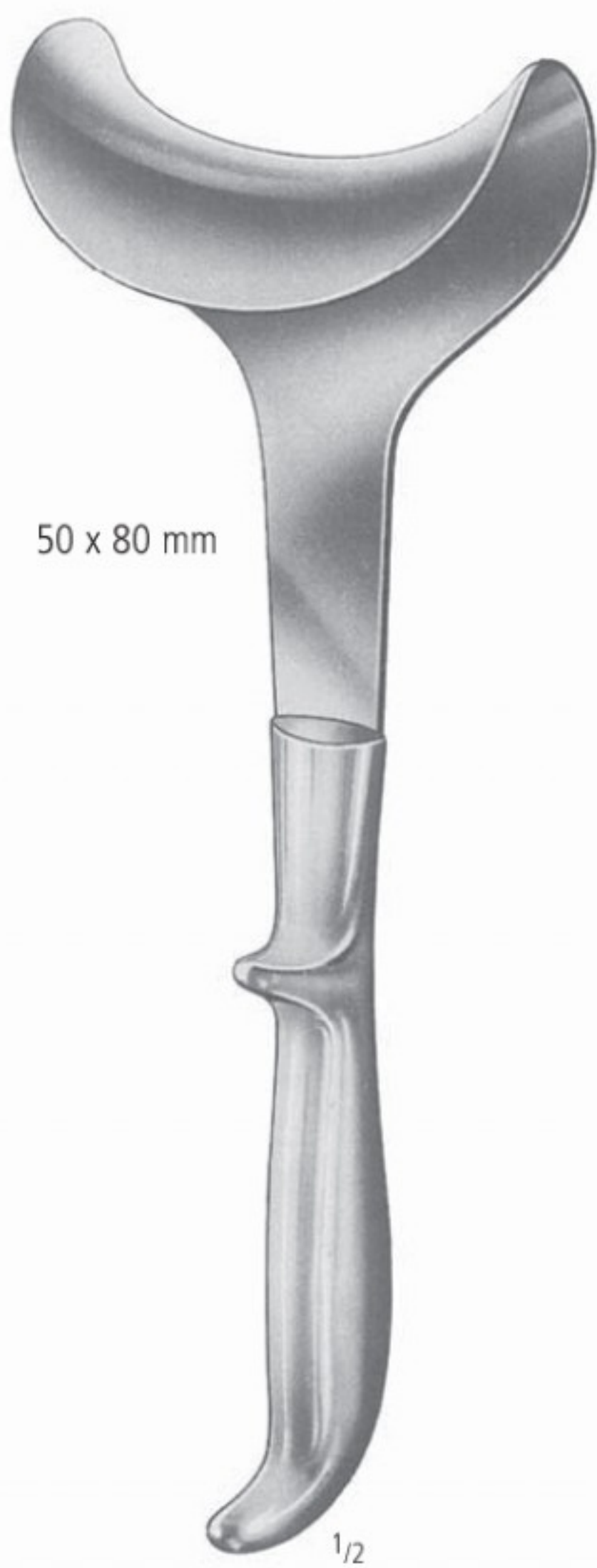
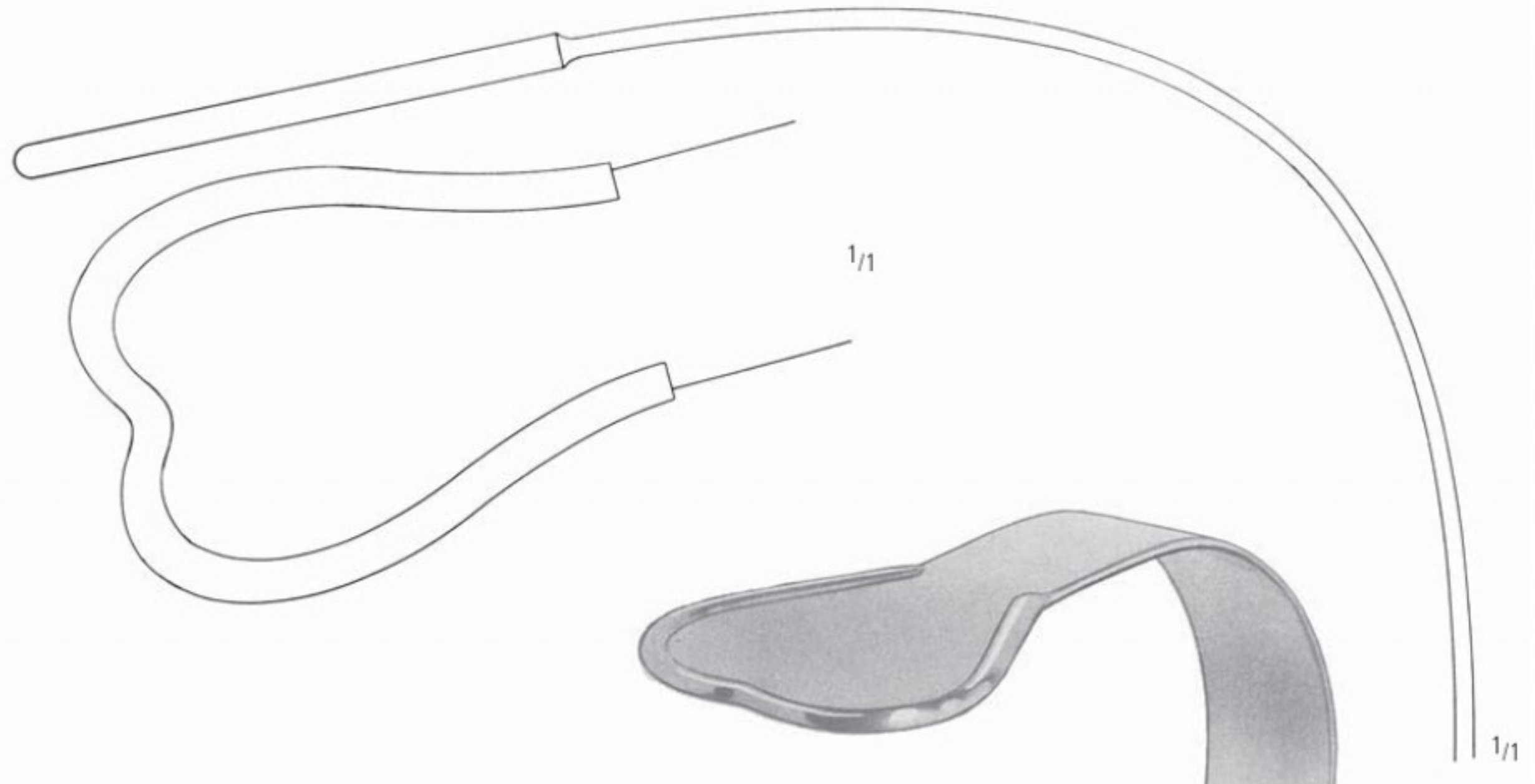
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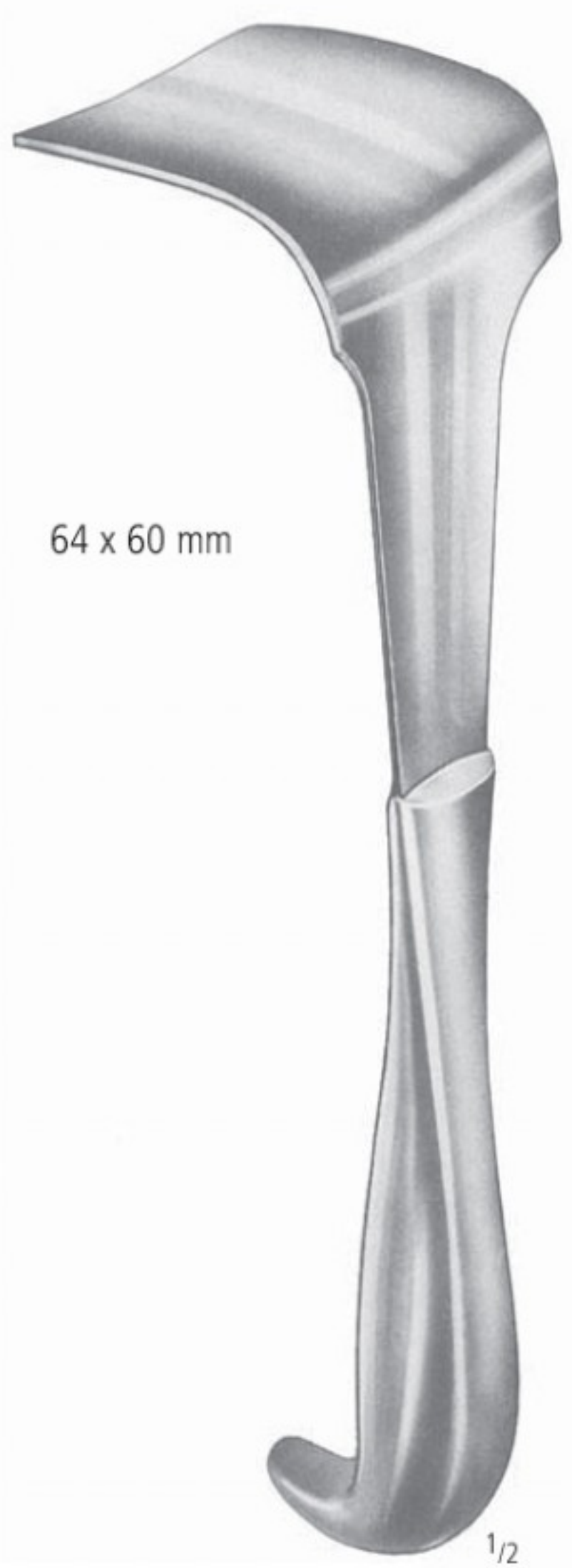
KU

KY



50 x 80 mm

DOYEN
AK 280/25
25,0 cm/10"



64 x 60 mm

TUFFIER
AK 282/23
23,0 cm/9"



HARRINGTON
32,0cm/12³/₄"
127 x 40 mm AK 284/40
127 x 62 mm AK 284/62
175 x 64 mm AK 284/64



90 x 50 mm

MIKULICZ
AK 286/26
26,0 cm/10¹/₂"

MIKULICZ
26,0 cm/10¹/₂"
85 x 35 mm AK 290/01
120 x 50 mm AK 290/02
155 x 50 mm AK 290/03

KELLY
27,0 cm/10³/₄"
160 x 38 mm AK 292/01
160 x 57 mm AK 292/02
190 x 38 mm AK 292/03
190 x 57 mm AK 292/04



DEAVER
AK 300/01
18,0 cm/7"

DEAVER
AK 300/02
21,5 cm/8½"

DEAVER
AK 300/03
23,0 cm/9"

DEAVER
AK 300/04
30,0 cm/12"

DEAVER
AK 300/05
33,0 cm/13"

DEAVER
AK 300/06
36,0 cm/14"

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DEAVER
AK 300/07
30,0 cm/12"



DEAVER
AK 300/08
30,0 cm/12"



DEAVER
AK 300/09
30,0 cm/12"

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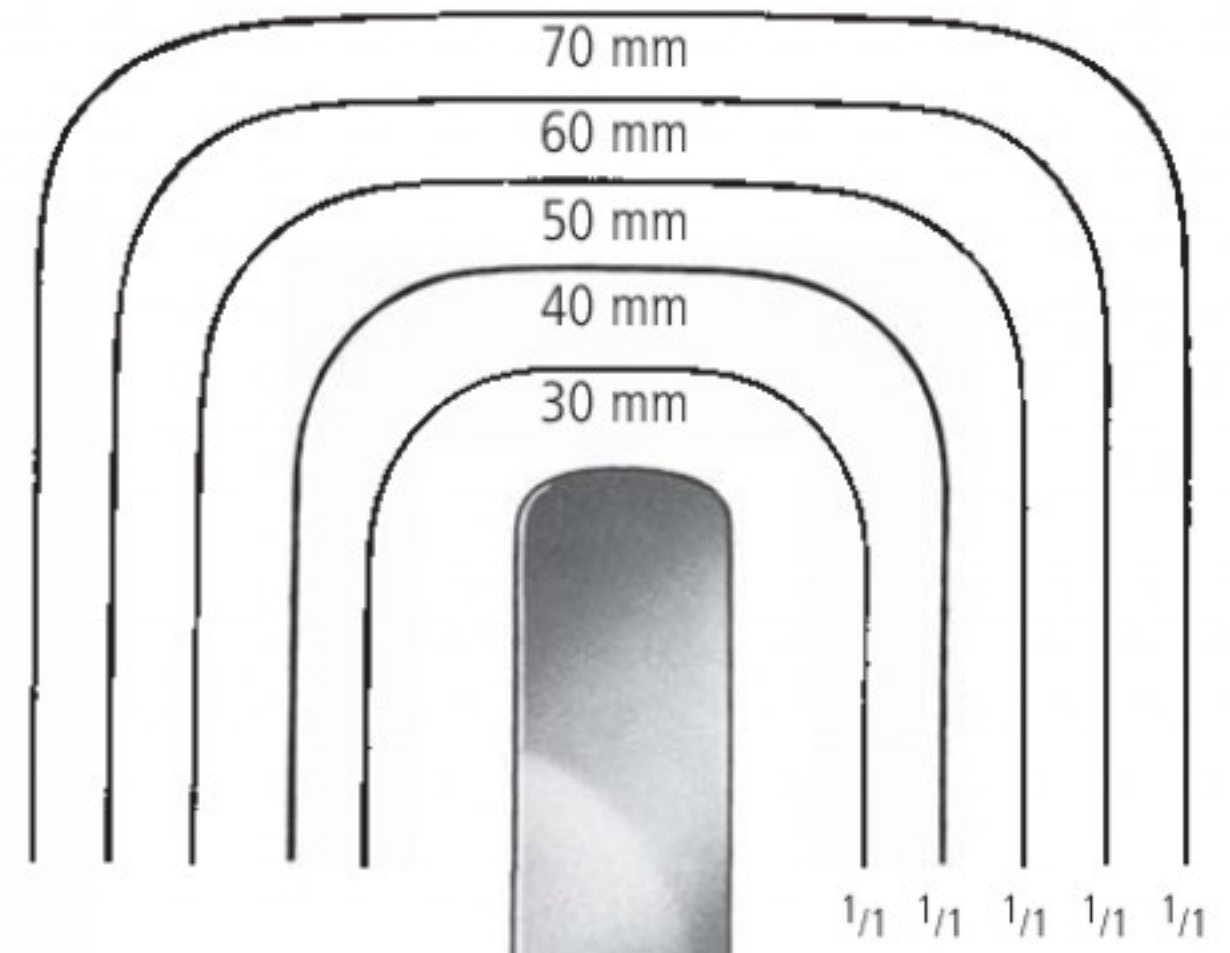
DEAVER
AK 310/01-05

| | B | L | |
|--------|-------|-------------|-----------|
| Fig. 1 | 25 mm | 30,5 cm/12" | AK 310/01 |
| Fig. 2 | 25 mm | 33,0 cm/13" | AK 310/02 |
| Fig. 3 | 38 mm | 30,5 cm/12" | AK 310/03 |
| Fig. 4 | 50 mm | 30,5 cm/12" | AK 310/04 |
| Fig. 5 | 75 mm | 30,5 cm/12" | AK 310/05 |



KOERTE
AK 312/28
28,0 cm / 11"

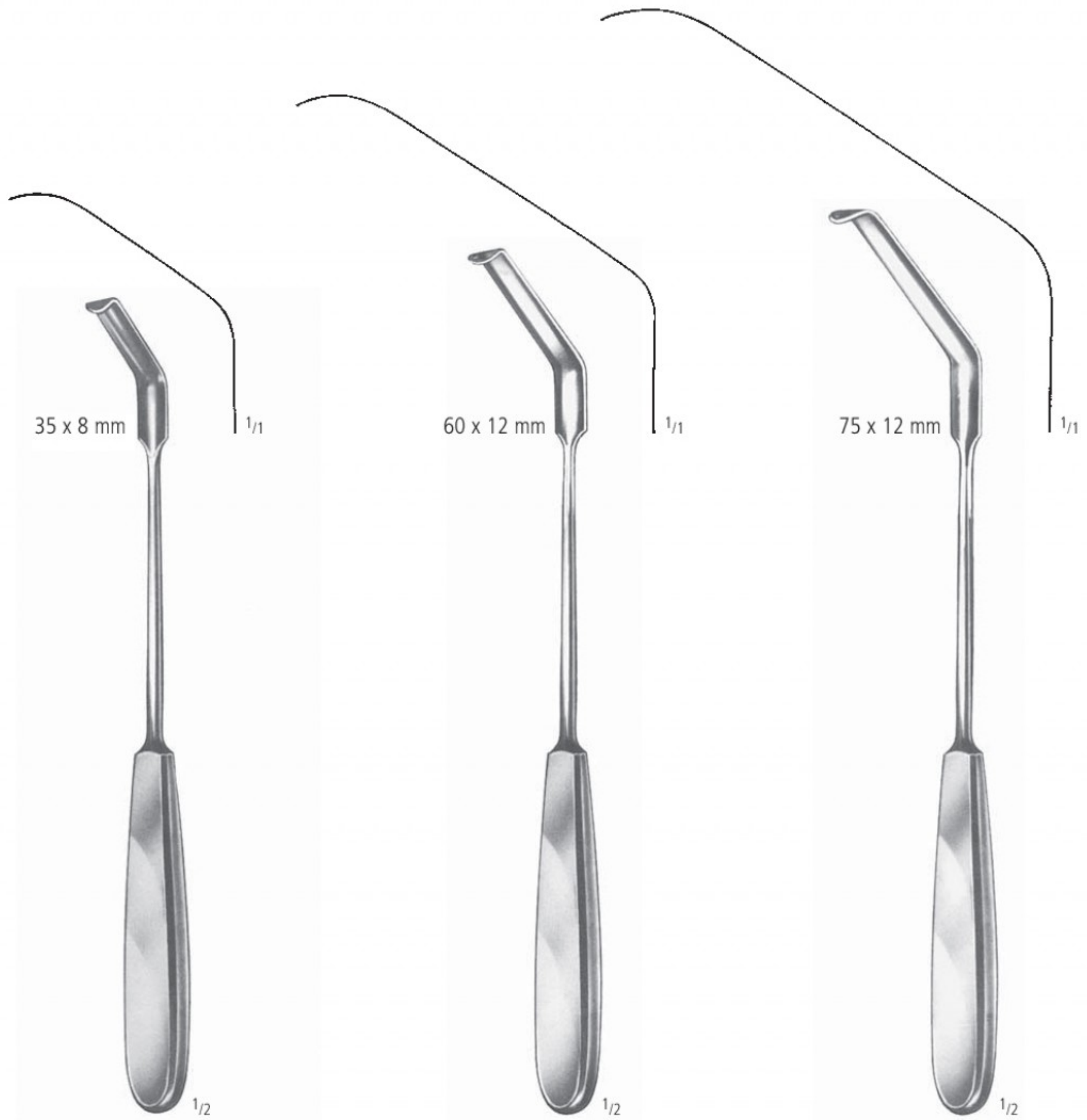
fest
rigid
rigida
rigide
rigide



AK 315/30-70
41,0 cm / 16"

| | |
|-------------|-----------|
| 245 x 30 mm | AK 315/30 |
| 245 x 40 mm | AK 315/40 |
| 245 x 50 mm | AK 315/50 |
| 245 x 60 mm | AK 315/60 |
| 245 x 70 mm | AK 315/70 |

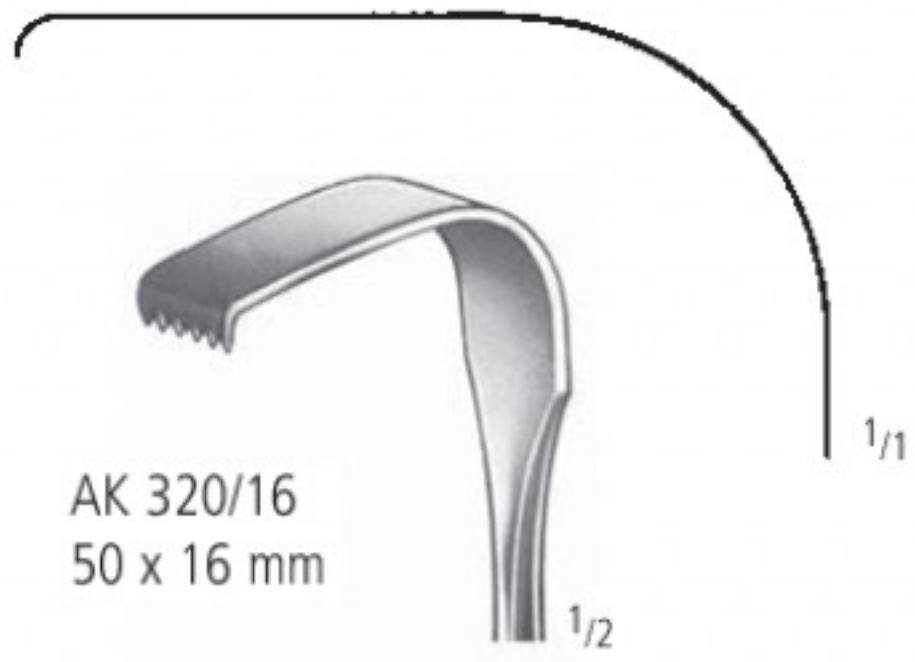
biegsam
malleable
maleable
malléable
malleabile



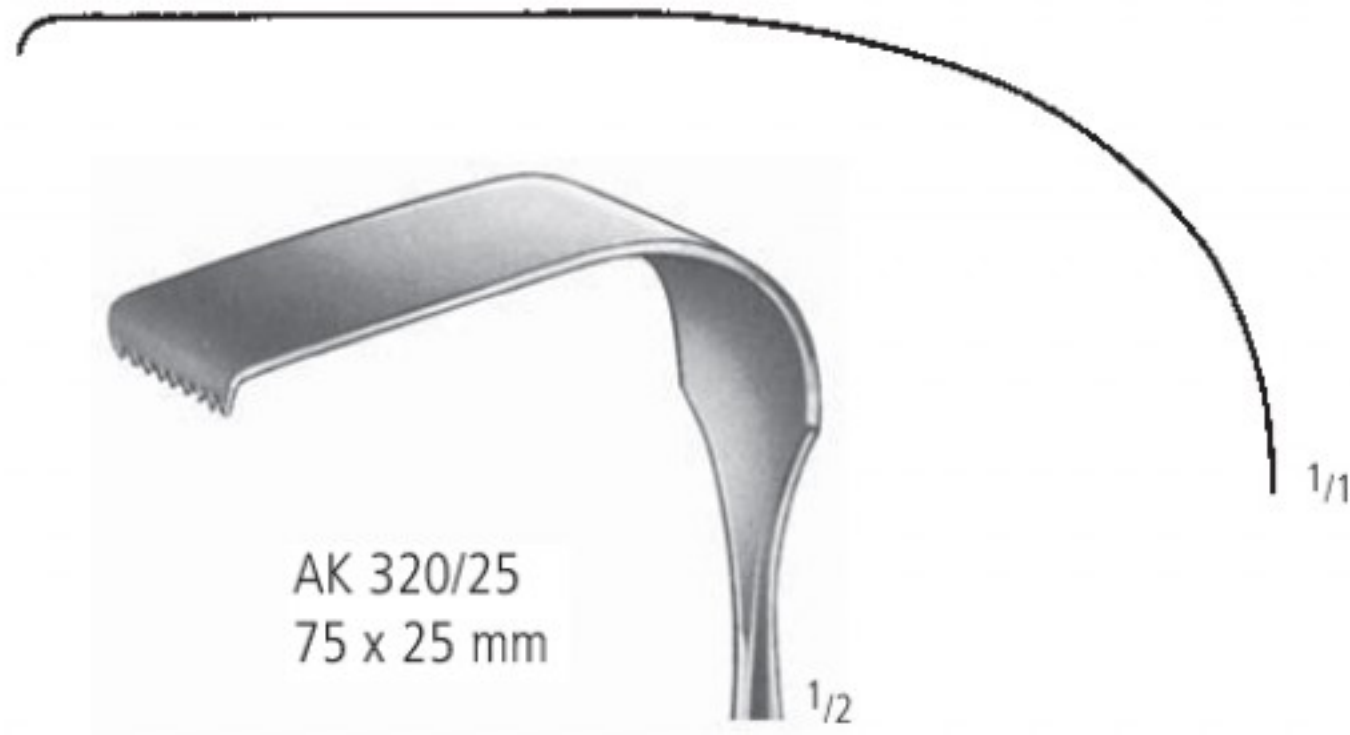
ZENKER
AK 318/35
25,0 cm/10"

ZENKER
AK 318/60
26,0 cm/10¹/₂"

ZENKER
AK 318/75
27,5 cm/10³/₄"



AK 320/16
50 x 16 mm

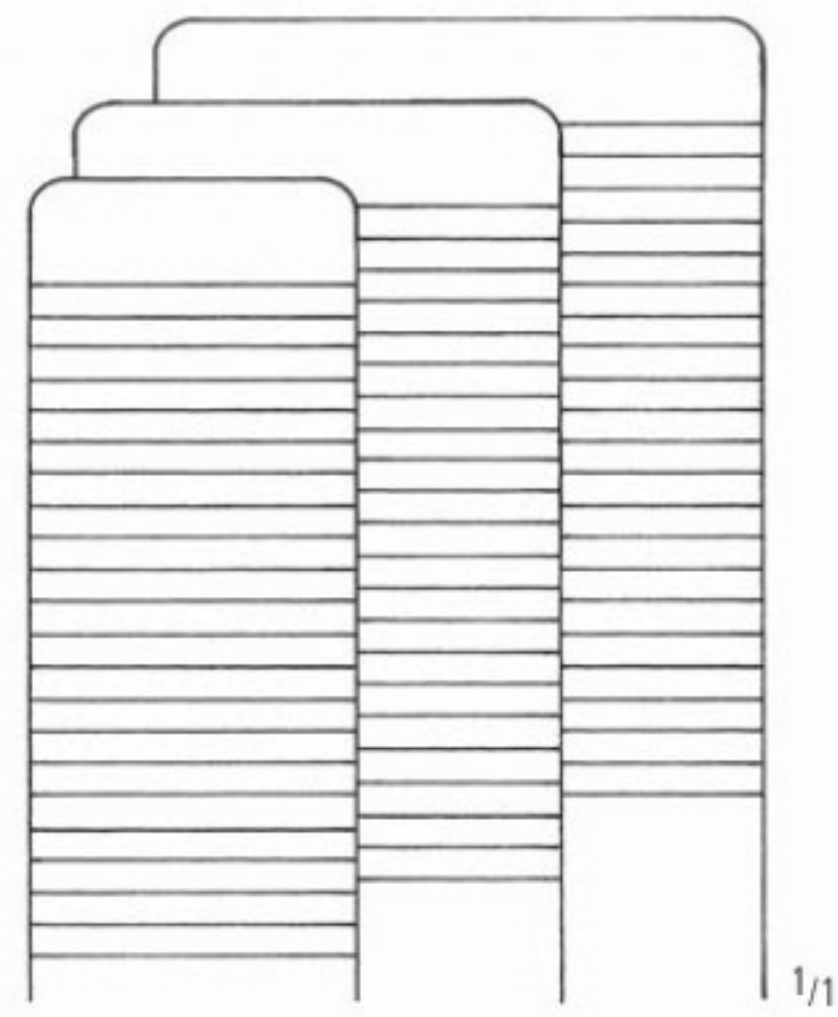


AK 320/25
75 x 25 mm



AK 320/50
90 x 50 mm

MEYERDING
22,5 cm/9"



AK 325/20

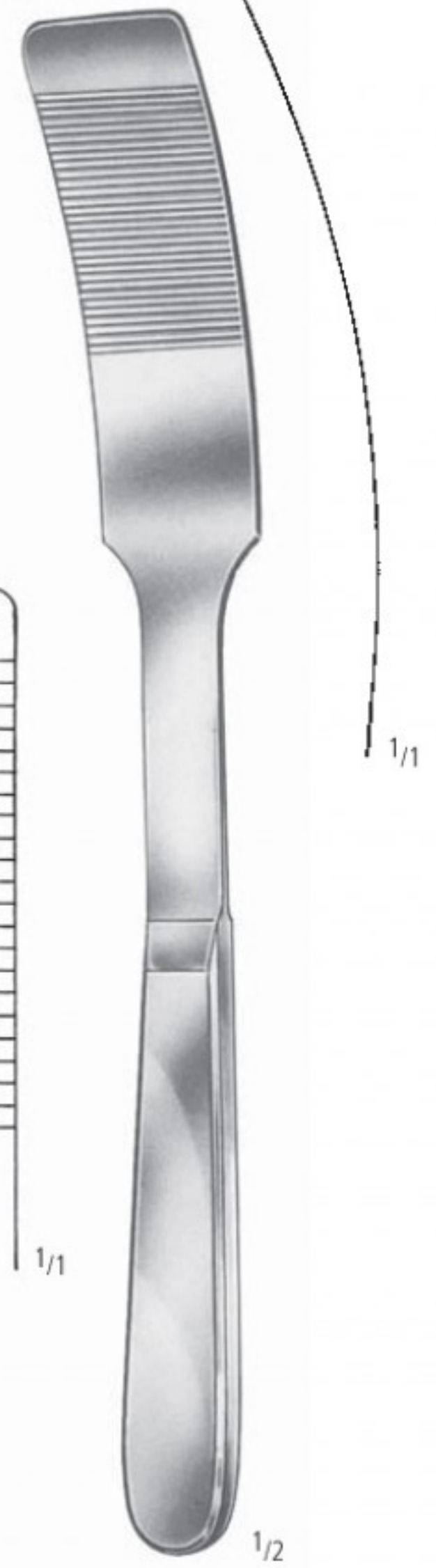
← 20 mm →

AK 325/30

← 30 mm →

AK 325/40

← 40 mm →



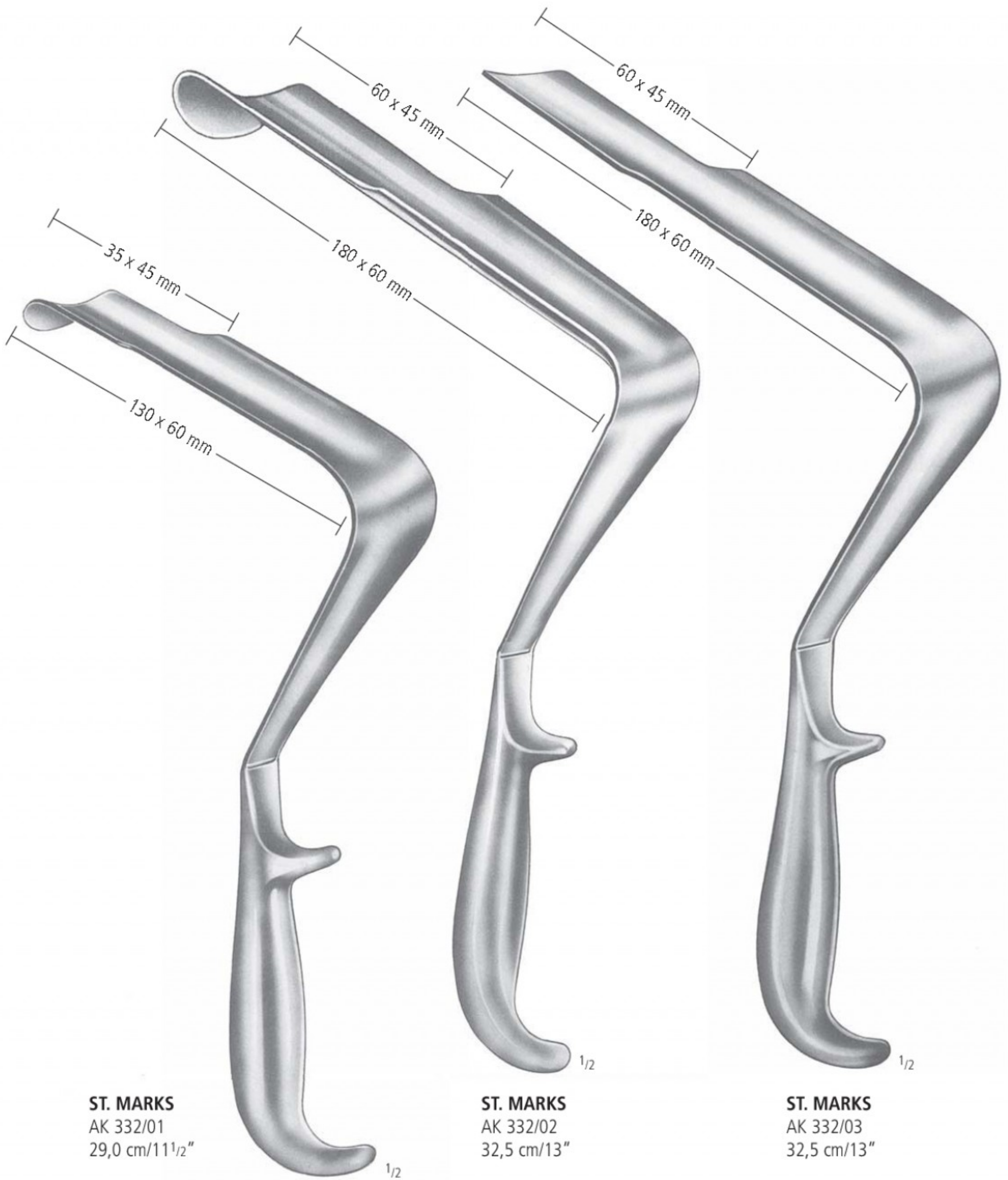
KADER
27,0 cm/10³/₄"



CORYLLOS
24,0 cm/9¹/₂"



SAUERBRUCH
AK 330/25
25,0 cm/10"



ST. MARKS
AK 332/01
29,0 cm/11¹/₂"

ST. MARKS
AK 332/02
32,5 cm/13"

ST. MARKS
AK 332/03
32,5 cm/13"

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75 x 50 mm

DAVIDSON
AK 337/50
16,0 cm/6¹/₄"



75 x 90 mm

DAVIDSON
AK 337/90
16,0 cm/6¹/₄"



1/2

HEANEY

27,0 cm/10³/₄"

- 45 x 25 mm AK 340/01
- 73 x 28 mm AK 340/02
- 82 x 28 mm AK 340/03

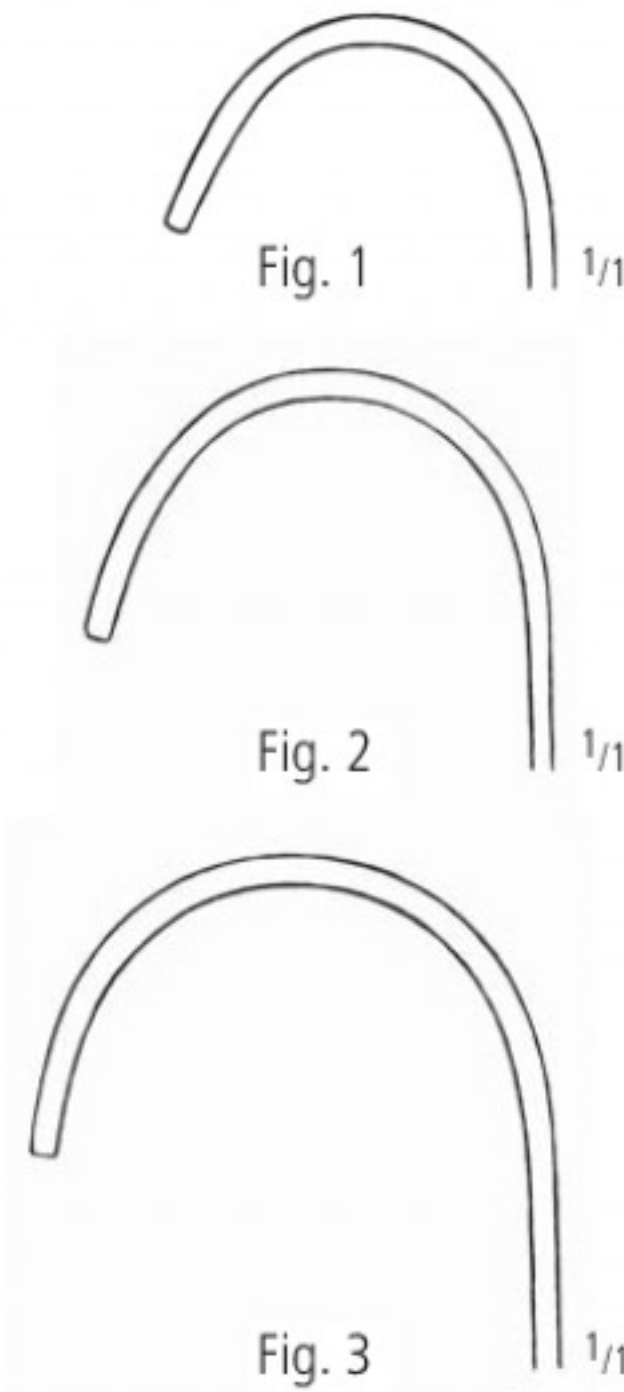


Fig. 1

1/1

Fig. 2

1/1

Fig. 3

1/1



1/2

ROUX

16,5 cm/6¹/₂"

- Fig. 1+2+3 AK 350/00
- Fig. 1 AK 350/01
- Fig. 2 AK 350/02
- Fig. 3 AK 350/03

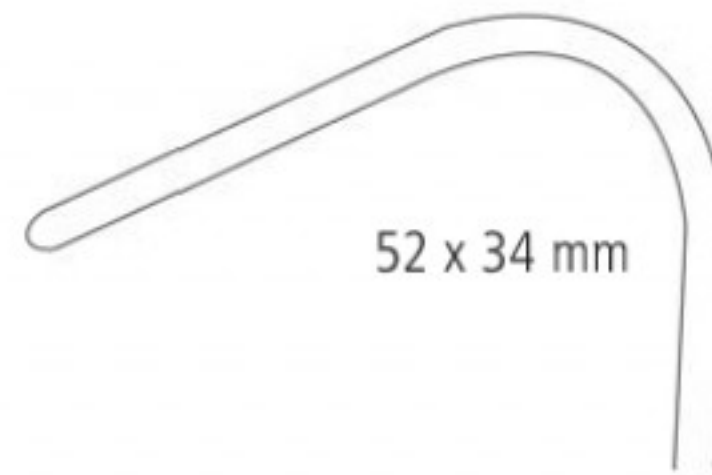


COLLIN-HARTMANN

- 14,0 cm/5¹/₂" AK 351/14
- 16,0 cm/6¹/₄" AK 351/16



38 x 28 mm

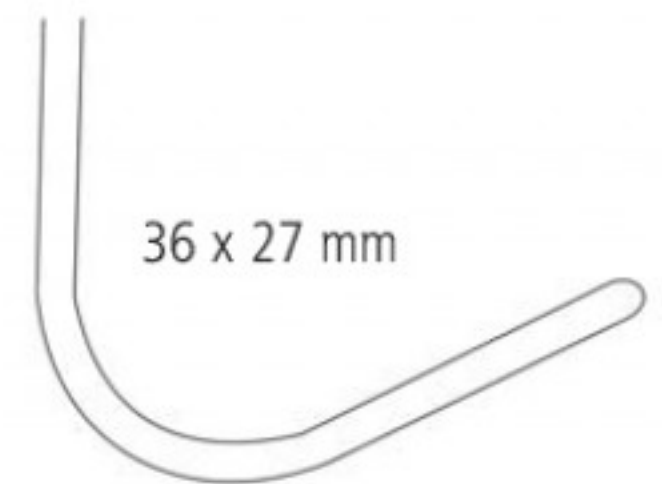


52 x 34 mm



32 x 21 mm

1/1



36 x 27 mm

1/1



Fig. 1 AK 352/01
Fig. 2 AK 352/02

FARABEUF
AK 352/00 Fig. 1+2
12,0 cm/4³/₄"



Fig. 1 AK 354/01
Fig. 2 AK 354/02

FARABEUF
AK 354/00 Fig. 1+2
15,0 cm/6"



AK 373/01 Fig. 1
AK 373/02 Fig. 2

PARKER
AK 373/00 Fig. 1+2
13,5 cm/5¹/₄"



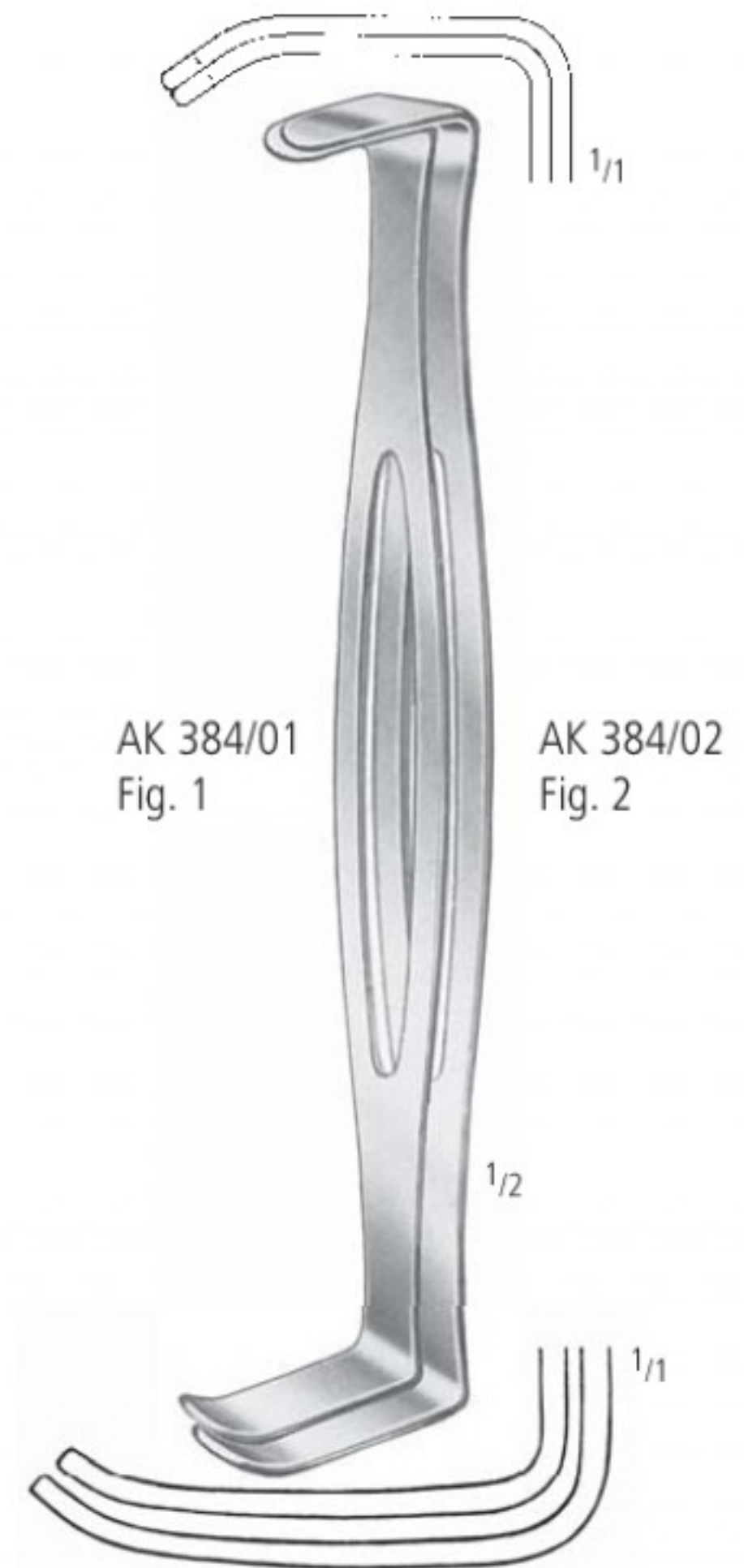
AK 374/01 Fig. 1
AK 374/02 Fig. 2

PARKER
AK 374/00 Fig. 1+2
18,0 cm/7"



AK 380/01 Fig. 1
AK 380/02 Fig. 2

MATHIEU
AK 380/00 Fig. 1+2
20,0 cm/8"



AK 384/01 Fig. 1
AK 384/02 Fig. 2

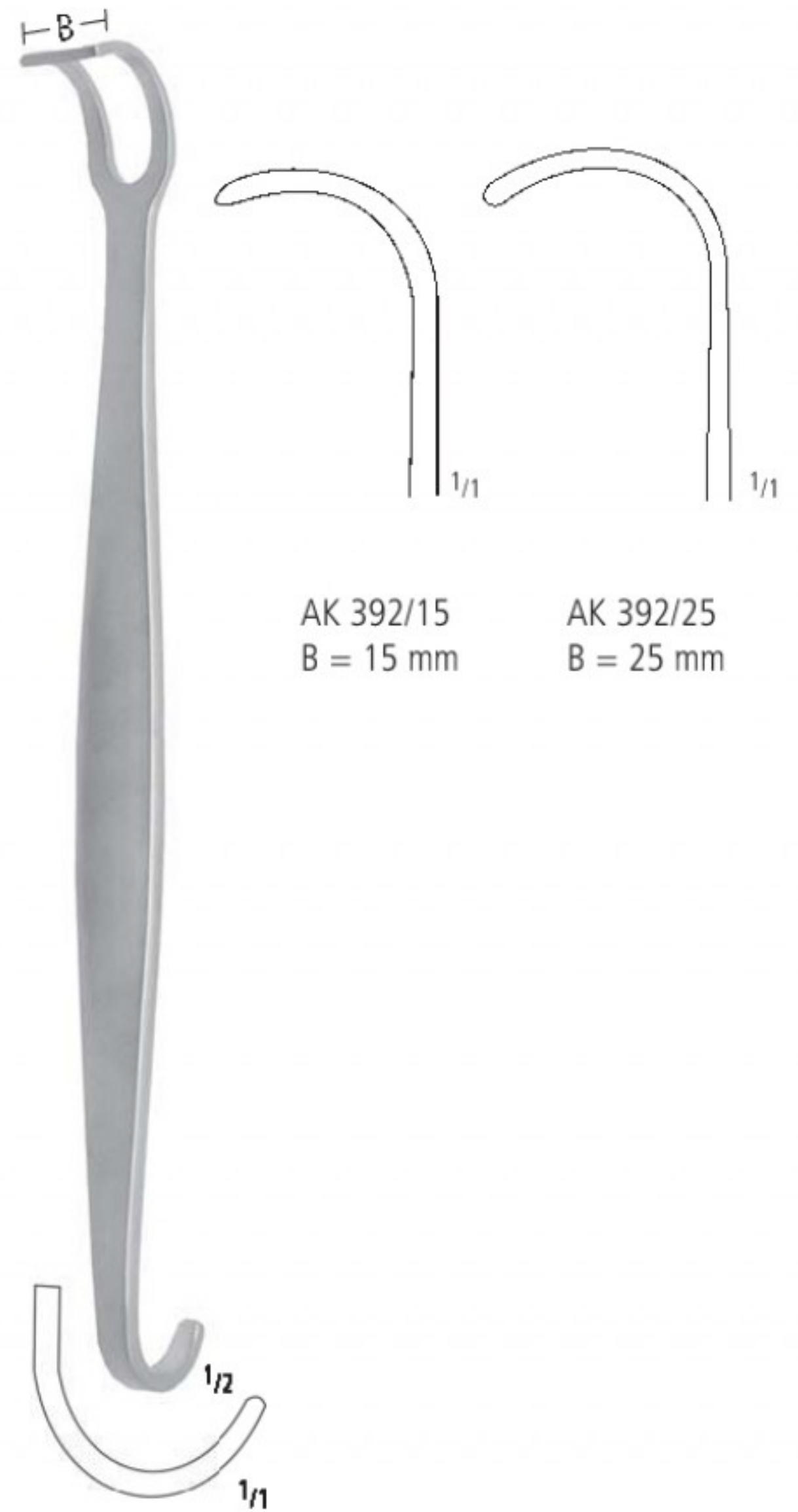
PARKER-LANGENBECK (U.S. Army)
AK 384/00 Fig. 1+2
21,0 cm/8¹/₄"



CZERNY
AK 386/17
17,5 cm/7"



GOELET
AK 390/19
19,0 cm/7 1/2"

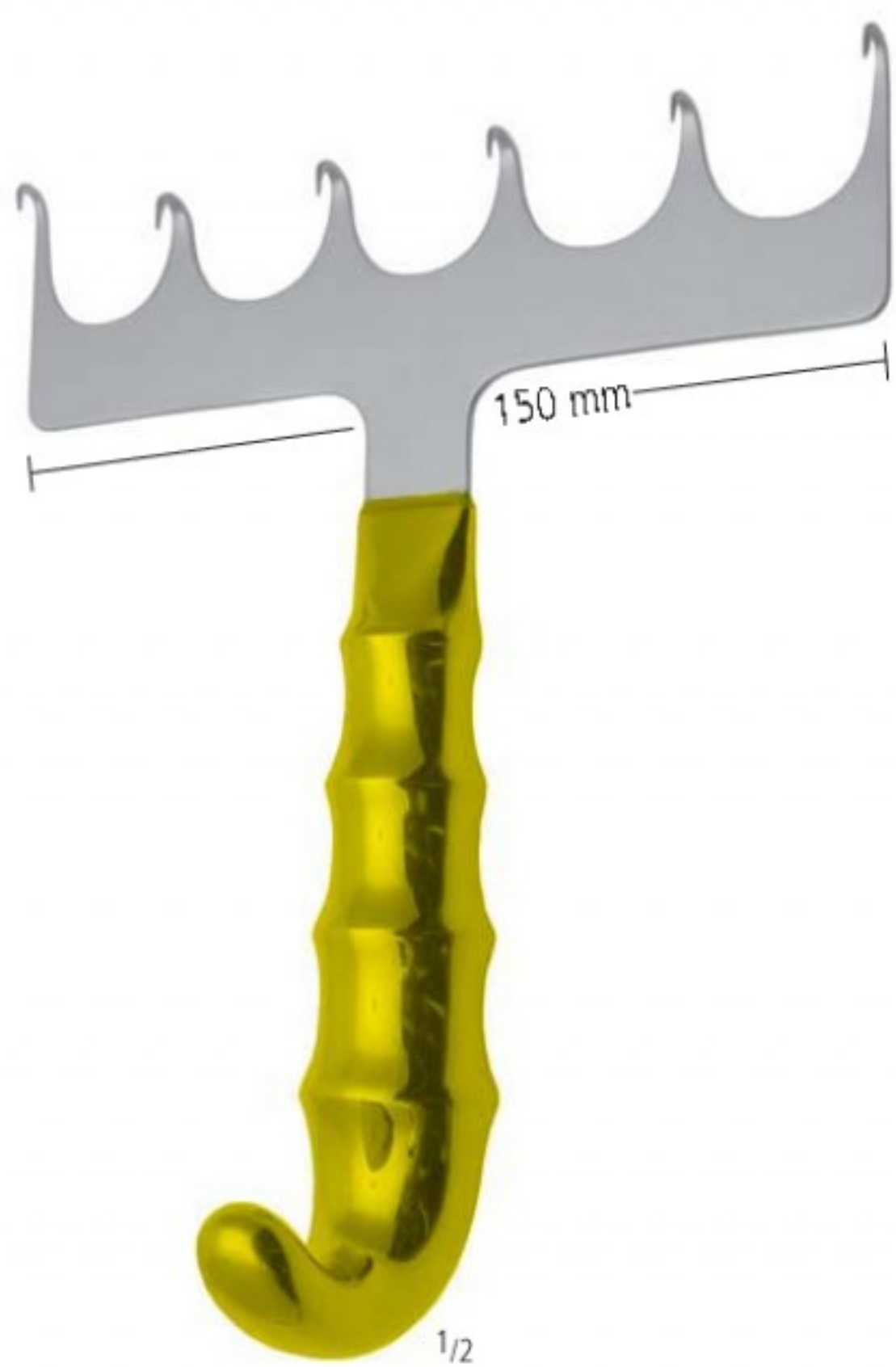


AK 392/15
B = 15 mm

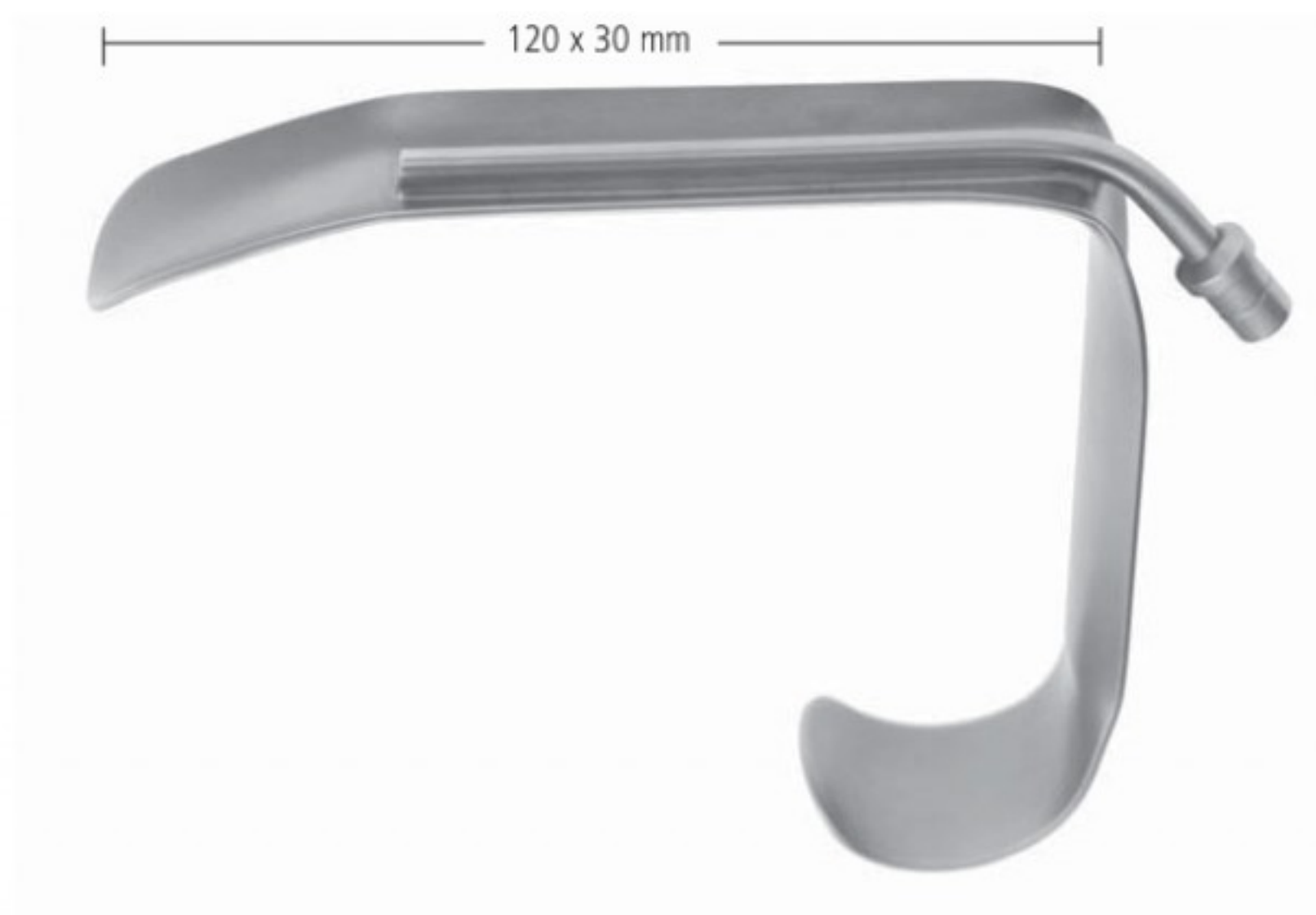
AK 392/25
B = 25 mm

CANNY RYALL
21,5 cm/8 1/2"

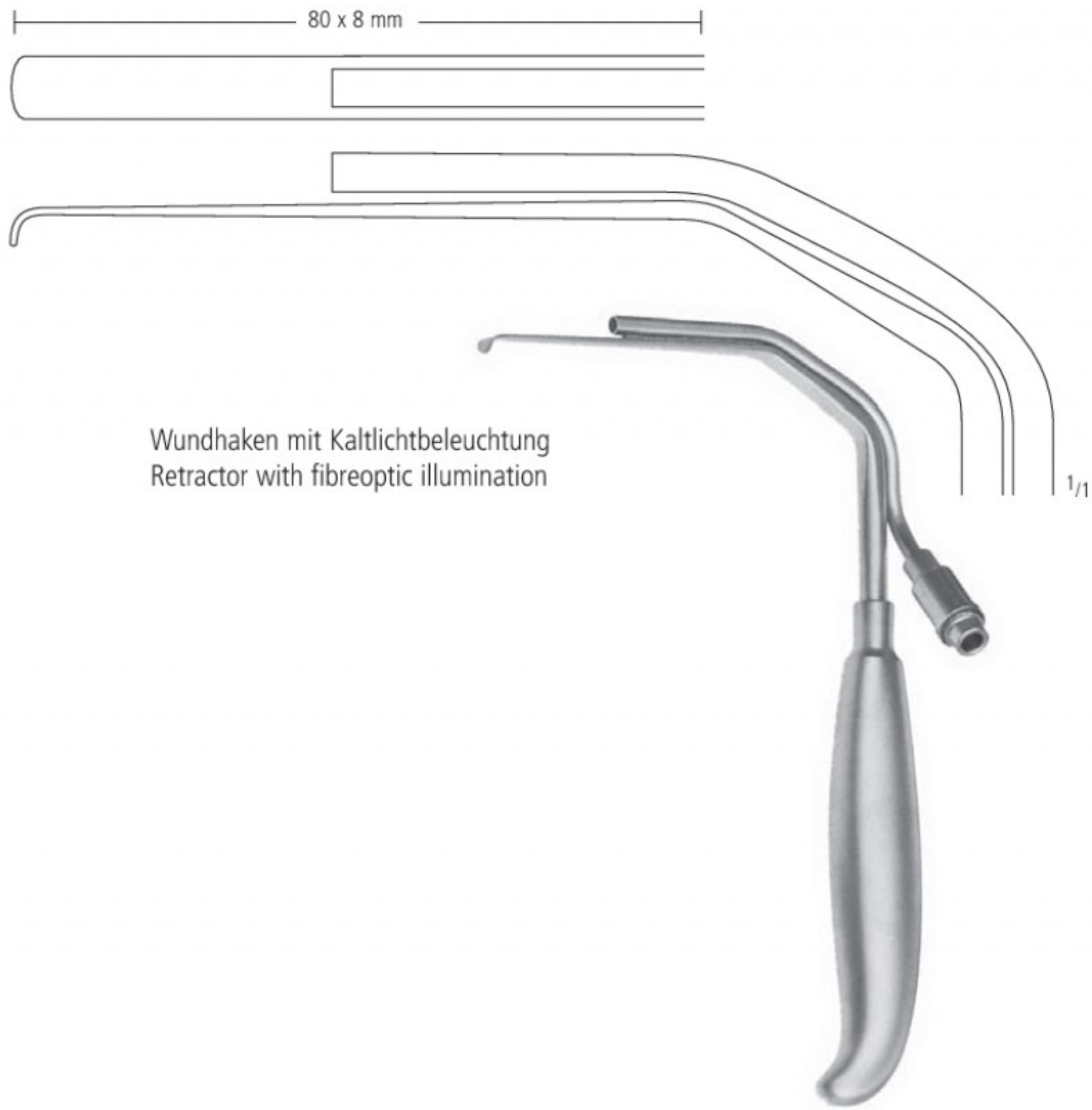
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YANCOSKIE
AK 440/15
18,0 cm/7"



FERREIRA
AK 451/10
10 cm/4"



Wundhaken mit Kaltlichtbeleuchtung
Retractor with fibreoptic illumination

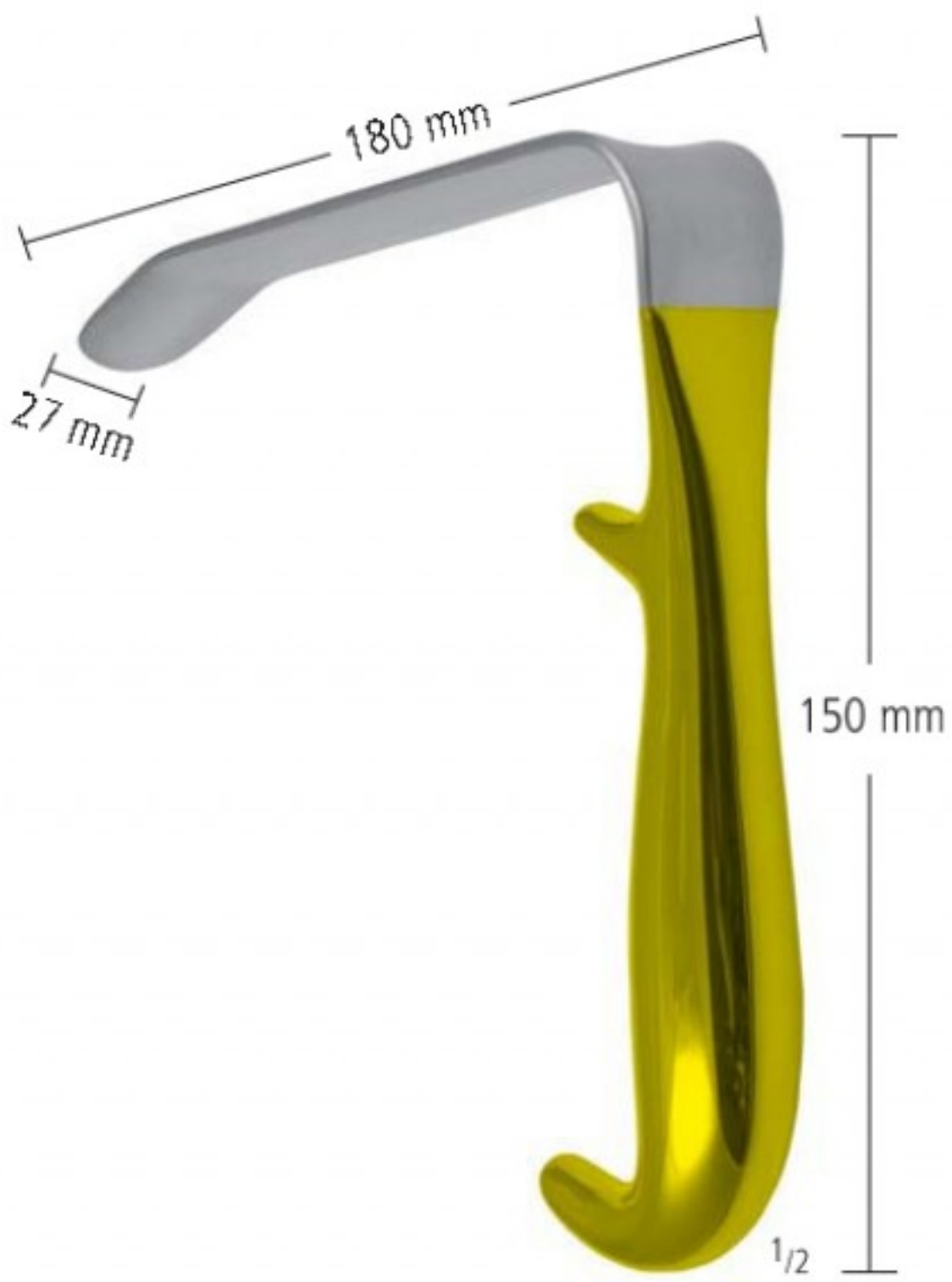
AK 452/15



optischer Retraktor
optical retractor

Zur Verwendung mit Optiken Ø 4 mm, Länge 175 mm
For use with telescopes Ø 4 mm, 175 mm

AK 453/20



AK 455/01
18,0 cm/7"



AK 455/16
16,0 cm/6¹/₄"
für Optik XP 709/30
for telescope XP 709/30

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



FINSEN

| | | |
|--|-----------|-----------|
| | ^ | ∩ |
| 5,0 cm/2" | AK 500/05 | AK 501/05 |
| 7,0 cm/2 ³ / ₄ " | AK 500/07 | AK 501/07 |



| | | |
|-----------|---|------------|
| | ^ | ∩ |
| AK 502/10 | | AK 503/10 |
| | | 10,0 cm/4" |

Fingerwundspreizer
Finger retractor
Separador para dedos
Ecarteur
Divaricatori



AUSTRALIA
AK 505/01
5,0 cm/2"



| | | |
|--|-----------|-----------|
| | ^ | ∩ |
| 7,0 cm/2 ³ / ₄ " | AK 506/07 | AK 507/07 |
| 10,0 cm/4" | AK 506/10 | AK 507/10 |

ALM



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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



JANSEN

 AK 510/10  AK 511/10
 10,0 cm/4"





JANSEN

 AK 512/10  AK 513/10
 10,0 cm/4"



SNITMAN

 AK 514/10  AK 515/10
 10,5 cm/4¹/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Wundspreizer für die Handchirurgie
 Hand surgery retractors
 Separadores para la cirugía de la mano
 Ecarteurs de la chirurgie de la main
 Divaricatori per la chirurgia della mano



AUSTRALIA Low profile
 AK 516/00
 9,0 cm/3 1/2\"/>



AUSTRALIA Low profile
 AK 517/00
 9,0 cm/3 1/2\"/>



AUSTRALIA Low profile
 AK 518/00
 9,0 cm/3 1/2\"/>



6,5 cm/2 1/2\"/>

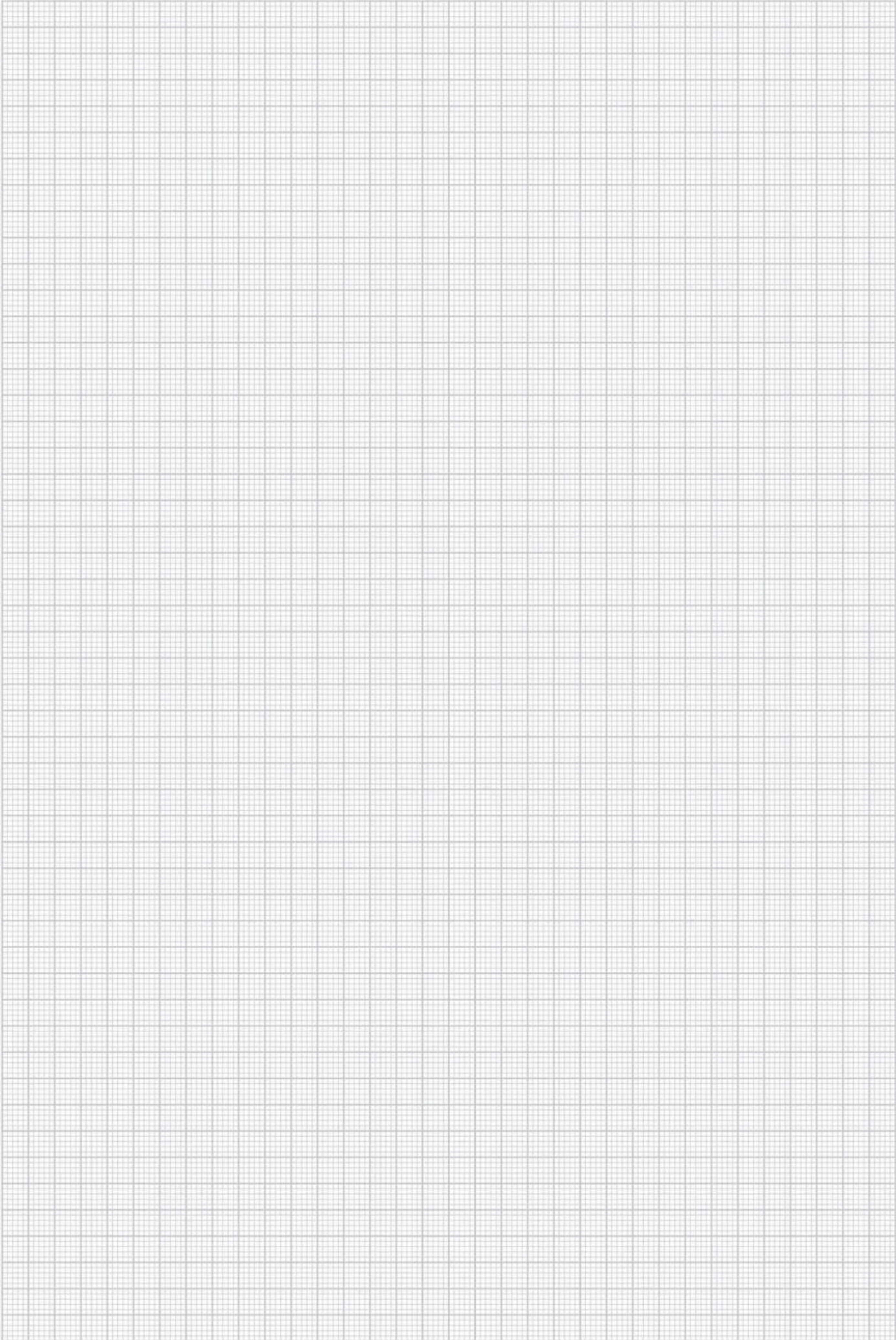


Fig. 1
 AK 518/12
 10 x 12 mm



Fig. 2
 AK 518/18
 10 x 18 mm

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Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici

WEITLANER



WEITLANER-BABY
AK 519/14
14,0 cm/5¹/₂"



WEITLANER
AK 520/13 AK 521/13
13,0 cm/5"



WEITLANER

10,5 cm/4¹/₄"
13,0 cm/5"
16,5 cm/6¹/₂"
20,0 cm/8"
25,0 cm/10"
26,0 cm/10¹/₂"

2 x 3
3 x 4
3 x 4
3 x 4
3 x 4
5 x 6

^
AK 522/10
AK 524/13
AK 526/16
AK 528/20
AK 530/25
AK 532/26

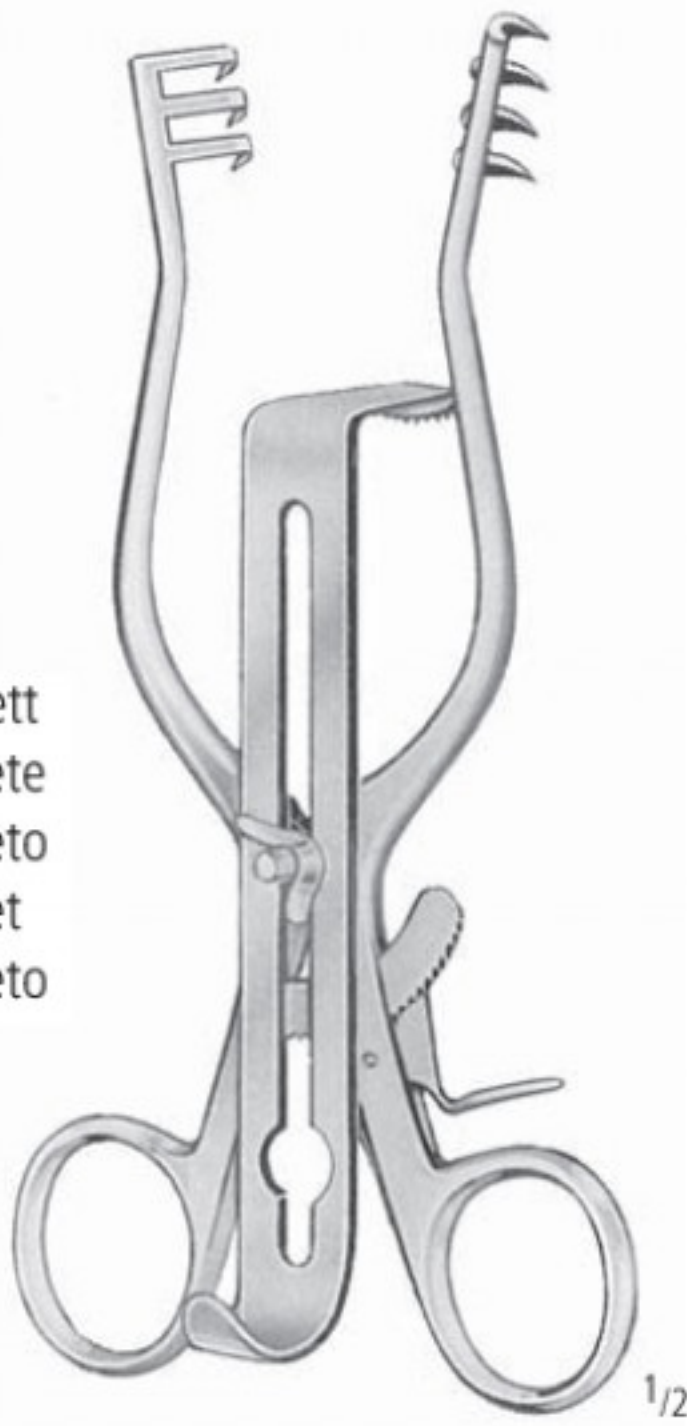
∩
AK 523/10
AK 525/13
AK 527/16
AK 529/20
AK 531/25
AK 533/26

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

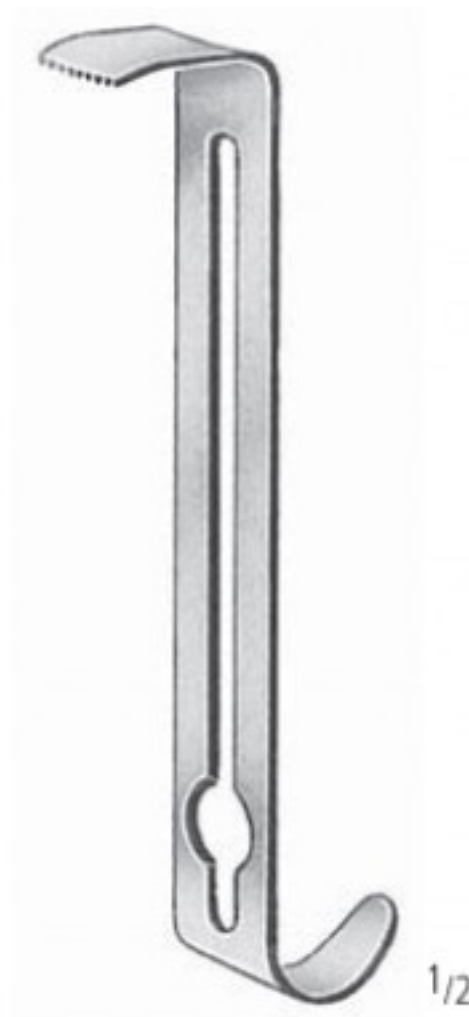
Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici

komplett
complete
completo
complet
completo



HENLEY

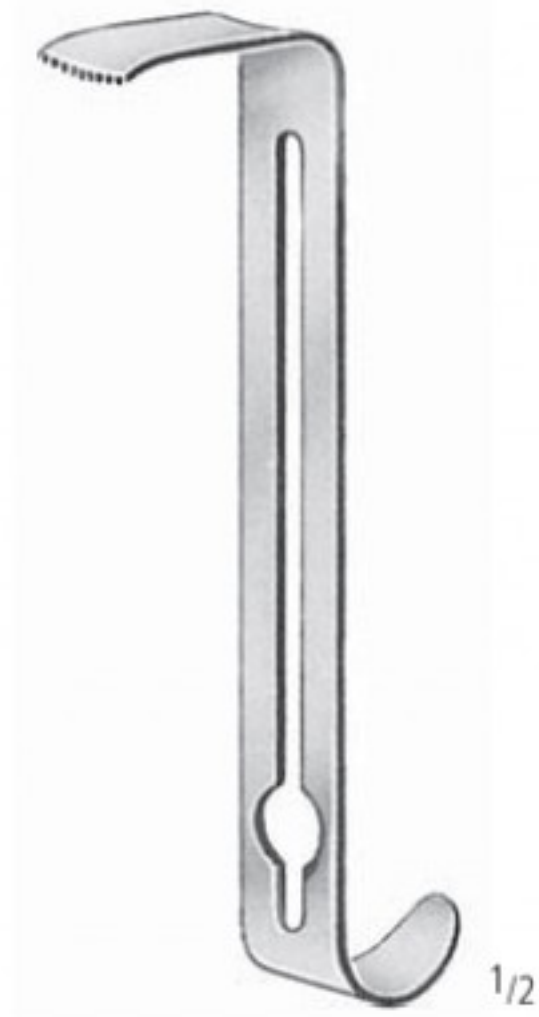
 AK 536/00  AK 537/00
16,5 cm/6 1/2"



19 mm x 16 mm
AK 536/19



25 mm x 16 mm
AK 536/25



32 mm x 16 mm
AK 536/32



MILLIGAN

 AK 538/13  AK 539/13
13,0 cm/5"



TRAVERS

AK 540/21
21,0 cm/8 1/4"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



SCHUHKNECHT
 ^ AK 542/14 ^ AK 543/14
 14,0 cm/5 1/2"



WULLSTEIN
 ^ AK 544/10 ^ AK 545/10
 10,5 cm/4 1/4" AK 544/13 AK 545/13
 13,0 cm/5" AK 544/16 AK 545/16
 16,0 cm/6 1/4"



MOLLISON
 ^ AK 550/15 ^ AK 551/15
 15,0 cm/6"

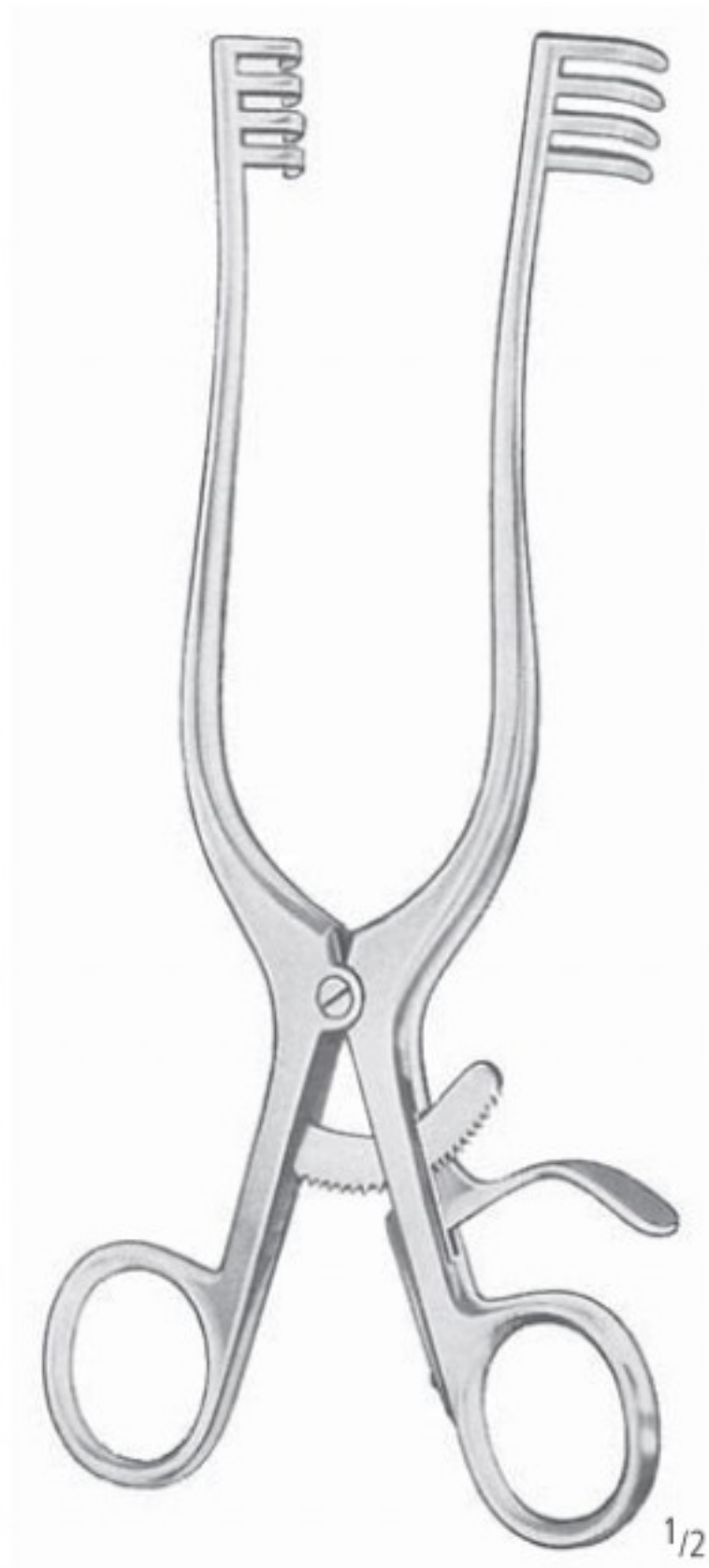


MISKIMON
 ^ AK 552/22 ^ AK 553/22
 22,0 cm/8 3/4"

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

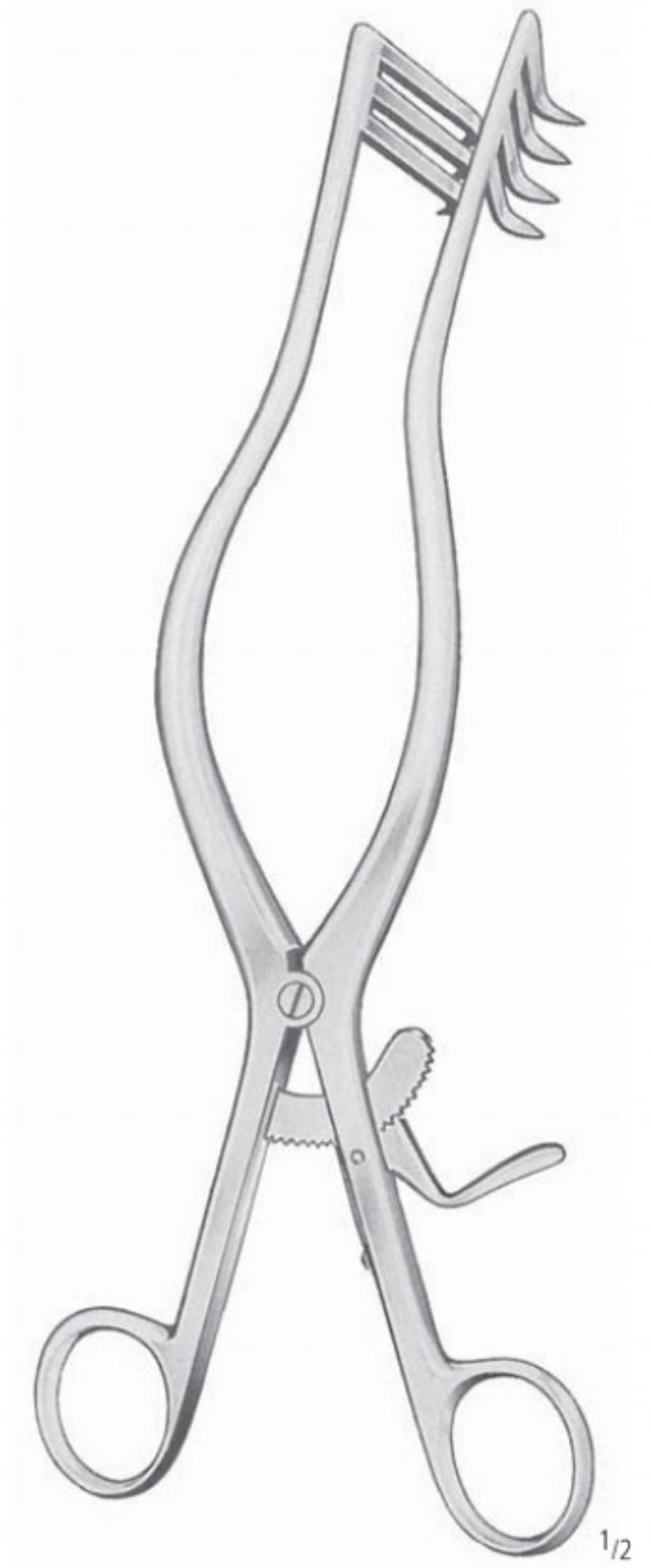
Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



ADSON
 ^ ∩
 AK 554/20 AK 555/20
 20,0 cm/8"



ANDERSON-ADSON
 ^ ∩
 AK 556/20 AK 557/20
 20,0 cm/8"



ADSON
 ^ ∩
 AK 558/27 AK 559/27
 27,0 cm/10³/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
 Ecarteurs autostatiques
 Divaricatori autostatici



ADSON
 AK 560/27
 27,0 cm/10³/₄"



ADSON-R
 AK 561/01
 27,0 cm/10³/₄"



ADSON-L
 AK 561/02
 27,0 cm/10³/₄"

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



ADSON-BABY
AK 562/14
14,0 cm/5 1/2"



CONE

13,0 cm/5"
16,5 cm/6 1/2"
20,0 cm/8"
25,0 cm/10"

3 x 4
3 x 4
3 x 4
3 x 4

^
AK 564/13
AK 564/16
AK 564/20
AK 564/25

∩
AK 565/13
AK 565/16
AK 565/20
AK 565/25

31,0 cm/12 1/4"
33,0 cm/13"

4 x 4
4 x 5

^
AK 566/31
AK 568/33

∩
AK 567/31
AK 569/33



BECKMANN

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
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Divaricatori autostatici



BECKMANN-ADSON
31,0 cm/12¹/₄"

25 x 25 mm
25 x 31 mm
25 x 40 mm
25 x 45 mm

^
AK 570/01
AK 570/02
AK 570/03
AK 570/04

∩
AK 571/01
AK 571/02
AK 571/03
AK 571/04



BECKMANN-EATON
^ ∩
AK 572/33 AK 573/33
33,0 cm/13"

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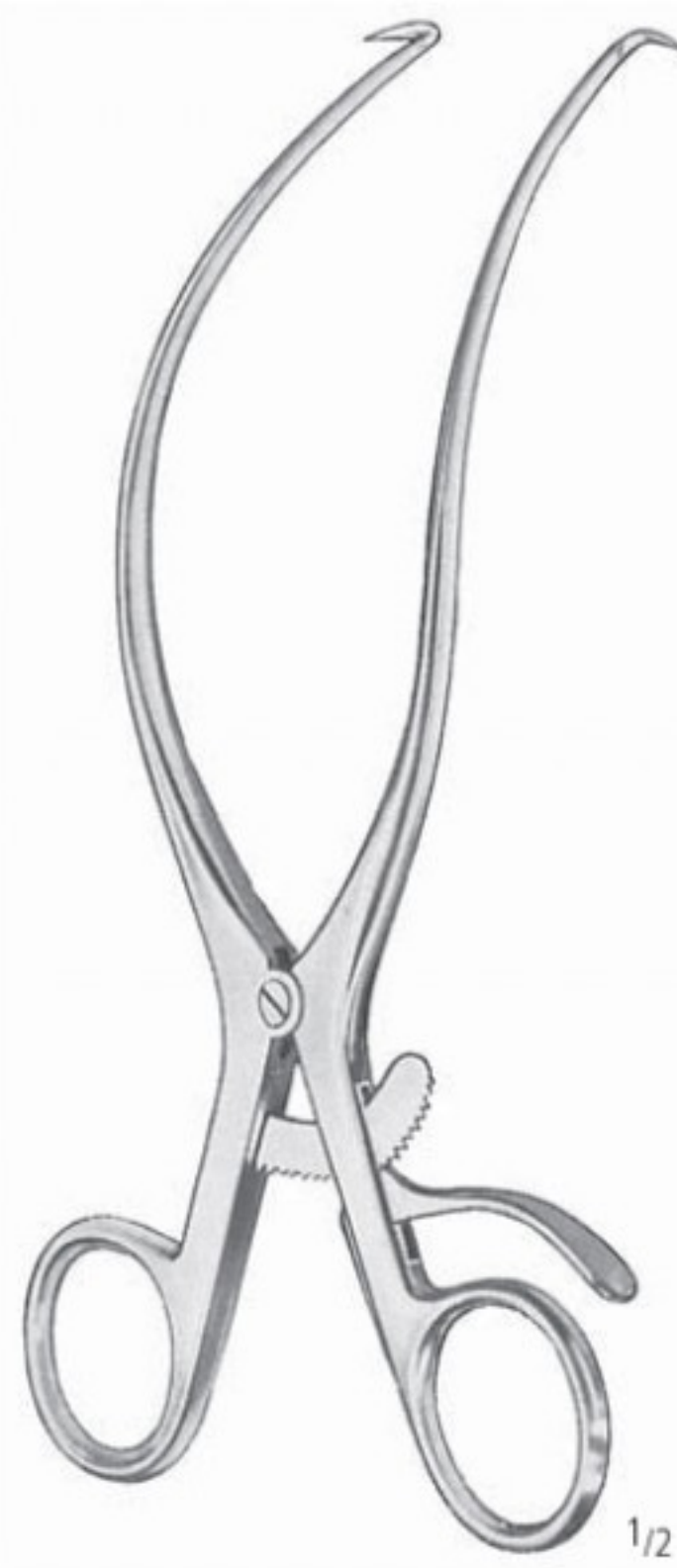
AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
Ecarteurs autostatiques
Divaricatori autostatici



SCALP-CONTOUR

AK 574/14 AK 575/14
14,0 cm/5 1/2"



GELPI

9,0 cm/3 1/2" AK 580/09
11,0 cm/4 1/3" AK 580/11
14,0 cm/5 1/2" AK 580/14
19,0 cm/7 1/2" AK 580/19



GELPI

AK 581/19
19,0 cm/7 1/2"



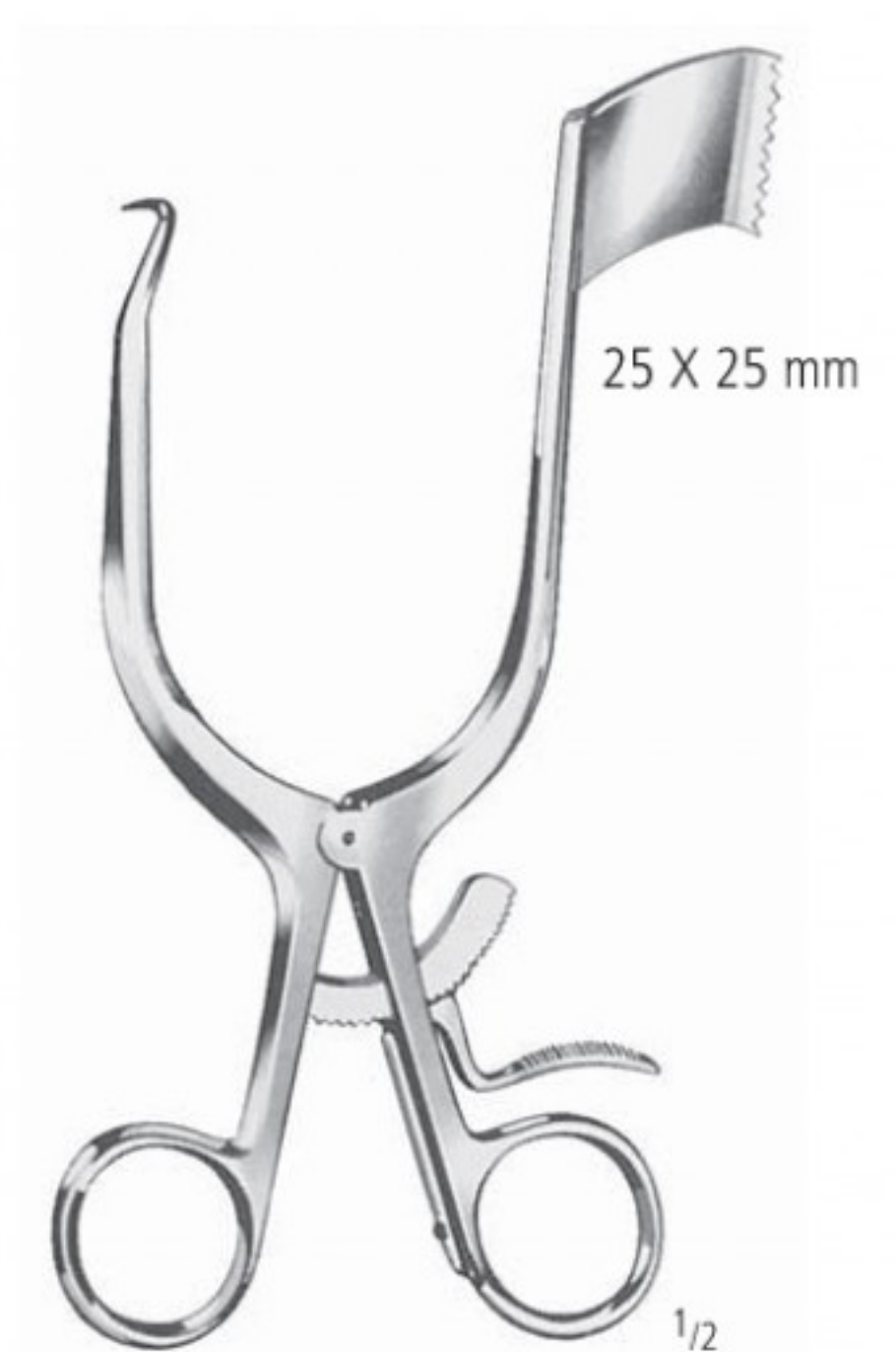
MEYERDING

20,0 cm/8"
32 x 25 mm AK 582/01
54 x 25 mm AK 582/02
60 x 19 mm AK 582/03
60 x 25 mm AK 582/04



MARKHAM-MEYERDING

AK 583/01
18,0 cm/7"



MARKHAM-MEYERDING

AK 583/02
18,0 cm/7"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbsthaltende Wundsperrer
Selfretaining Retractors
Separadores autoestaticos
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Divaricatori autostatici

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RIGHBY
18,0 cm/7"

35 x 20 mm AK 586/01
60 x 20 mm AK 586/02
65 x 15 mm AK 586/03



DARLING
AK 587/01
18,0 cm/7"



DARLING
AK 587/02
18,0 cm/7"



PLESTER

AK 590/10 AK 590/13
10,0 cm/4" 13,0 cm/5"



PLESTER-R

AK 591/10 AK 591/13
10,0 cm/4" 13,0 cm/5"



PLESTER-L

AK 592/10 AK 592/13
10,0 cm/4" 13,0 cm/5"

Selbsthaltende Wundsperrer
 Selfretaining Retractors
 Separadores autoestaticos
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 Divaricatori autostatici



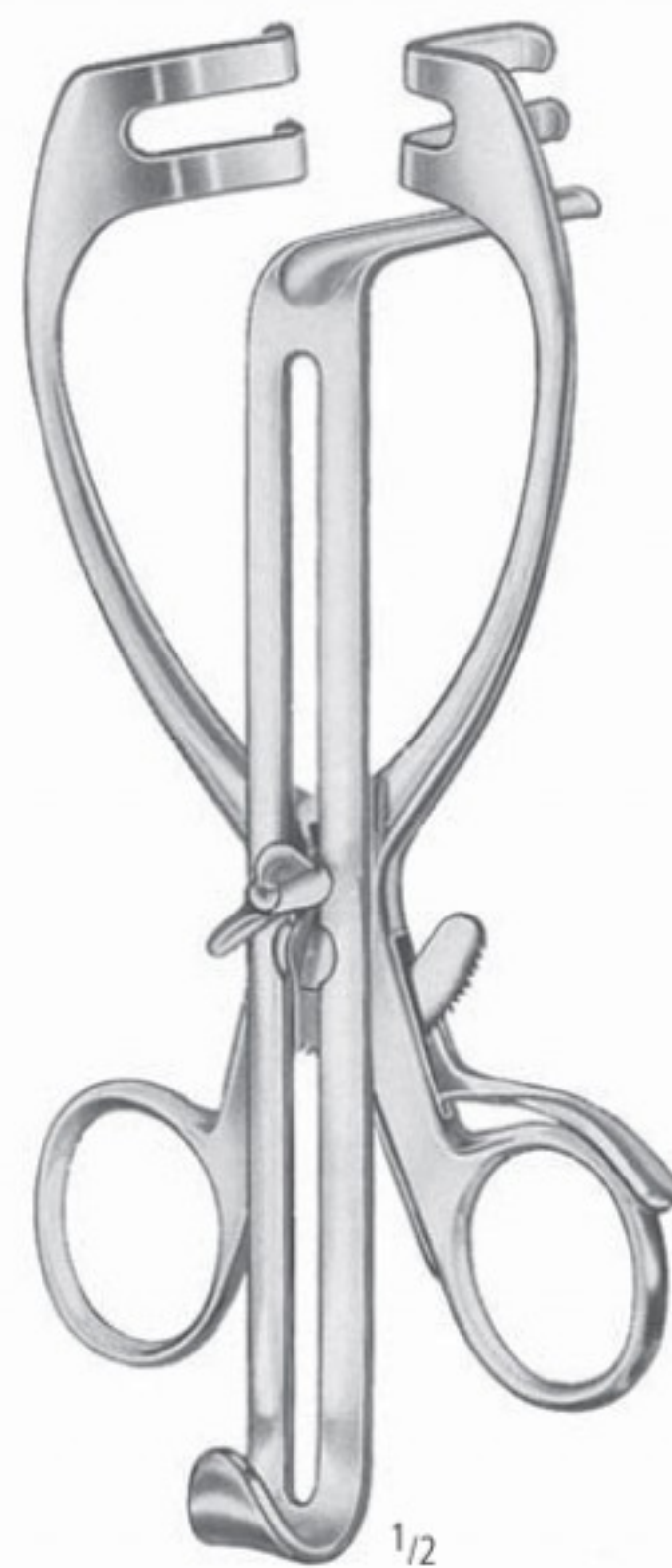
TÜBINGER MODELL

AK 594/16
 16,5 cm/6¹/₂"

AK 594/18
 18,0 cm/7"



MAYO-ADAMS
 AK 596/17
 17,0 cm/6³/₄"



MAYO-ADAMS
 AK 598/17
 17,0 cm/6³/₄"

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Selbthaltende Wundsperrer
 Selfretaining Retractors
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 Divaricatori autostatici



WALTON
 AK 599/01
 18,0 cm/7"



WALTON
 AK 599/02
 18,0 cm/7"



KNIGHTON
 AK 600/01
 18,0 cm/7"

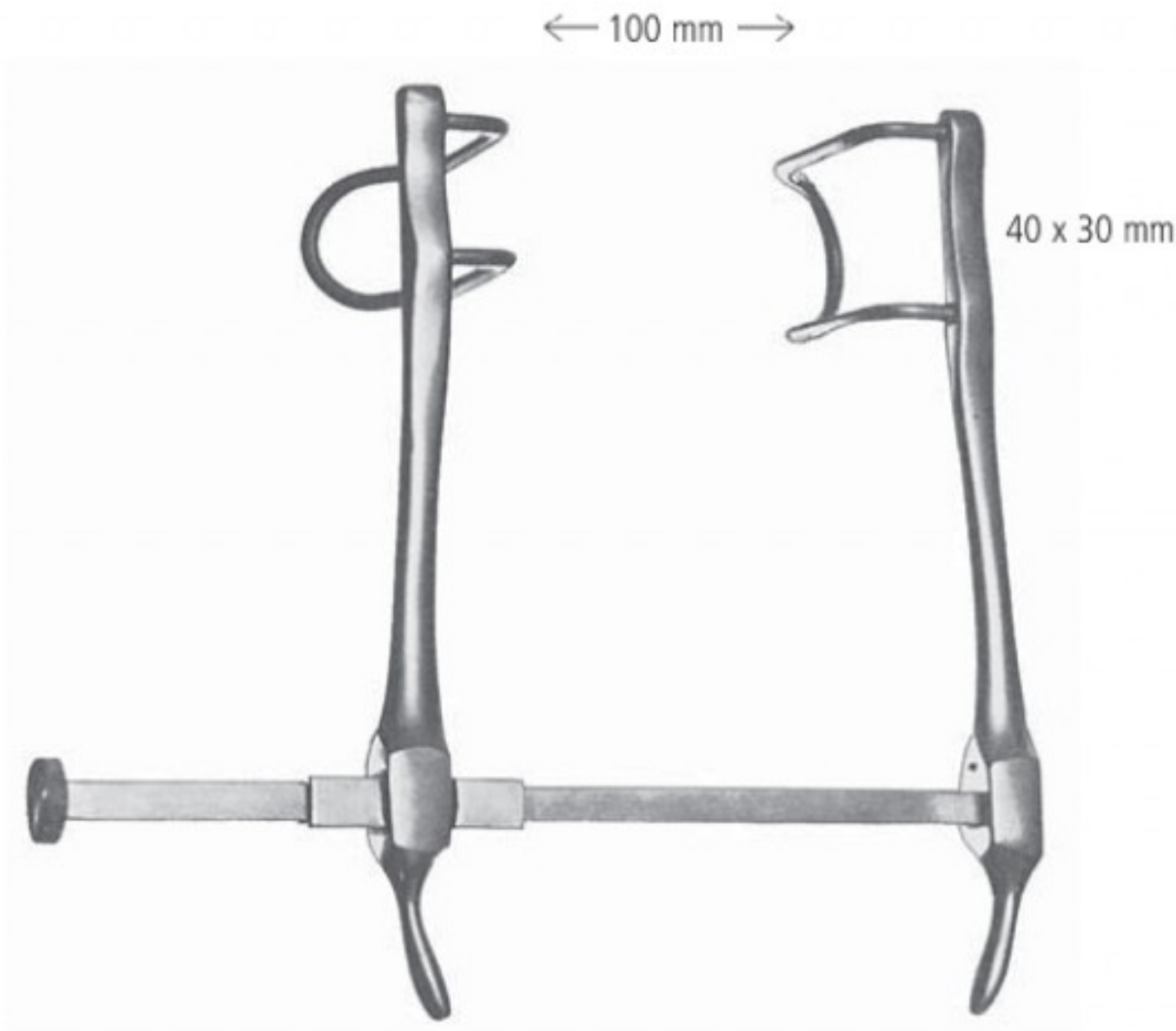


KNIGHTON
 AK 600/02
 18,0 cm/7"

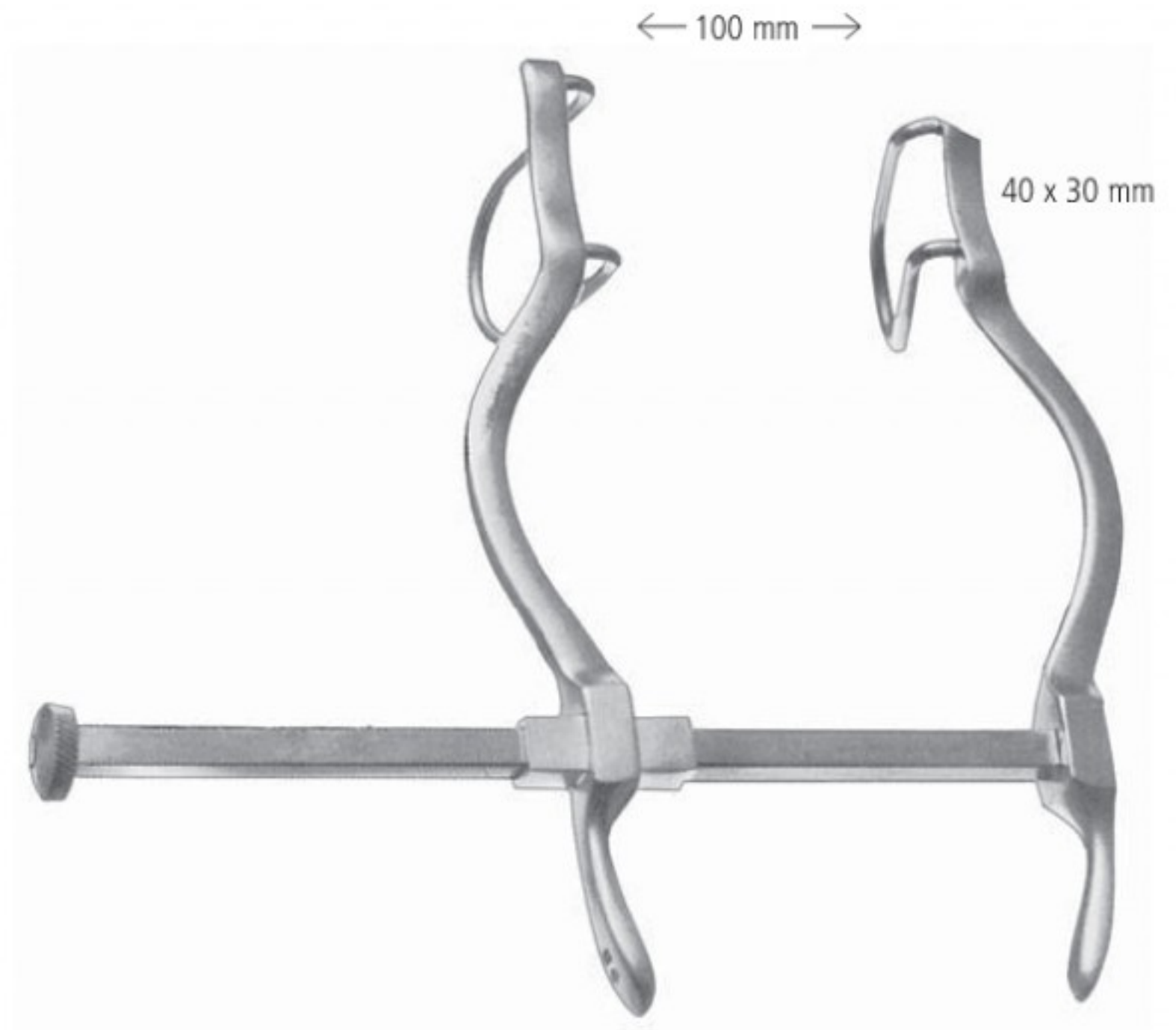
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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

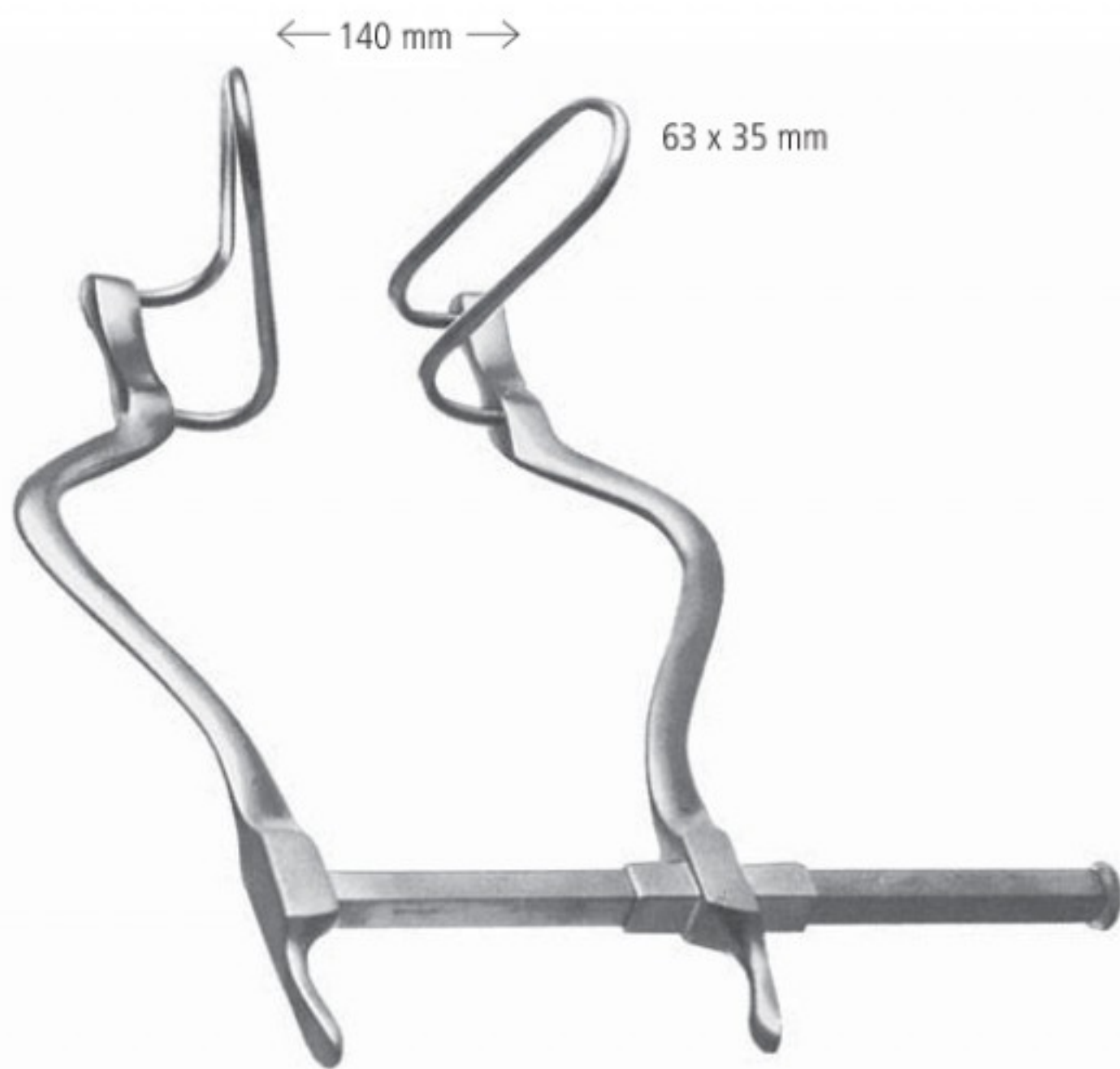
Bauchdeckenhalter
 Abdominal Retractors
 Separadores abdominales
 Ecarteurs abdominaux
 Divaricatori addominali



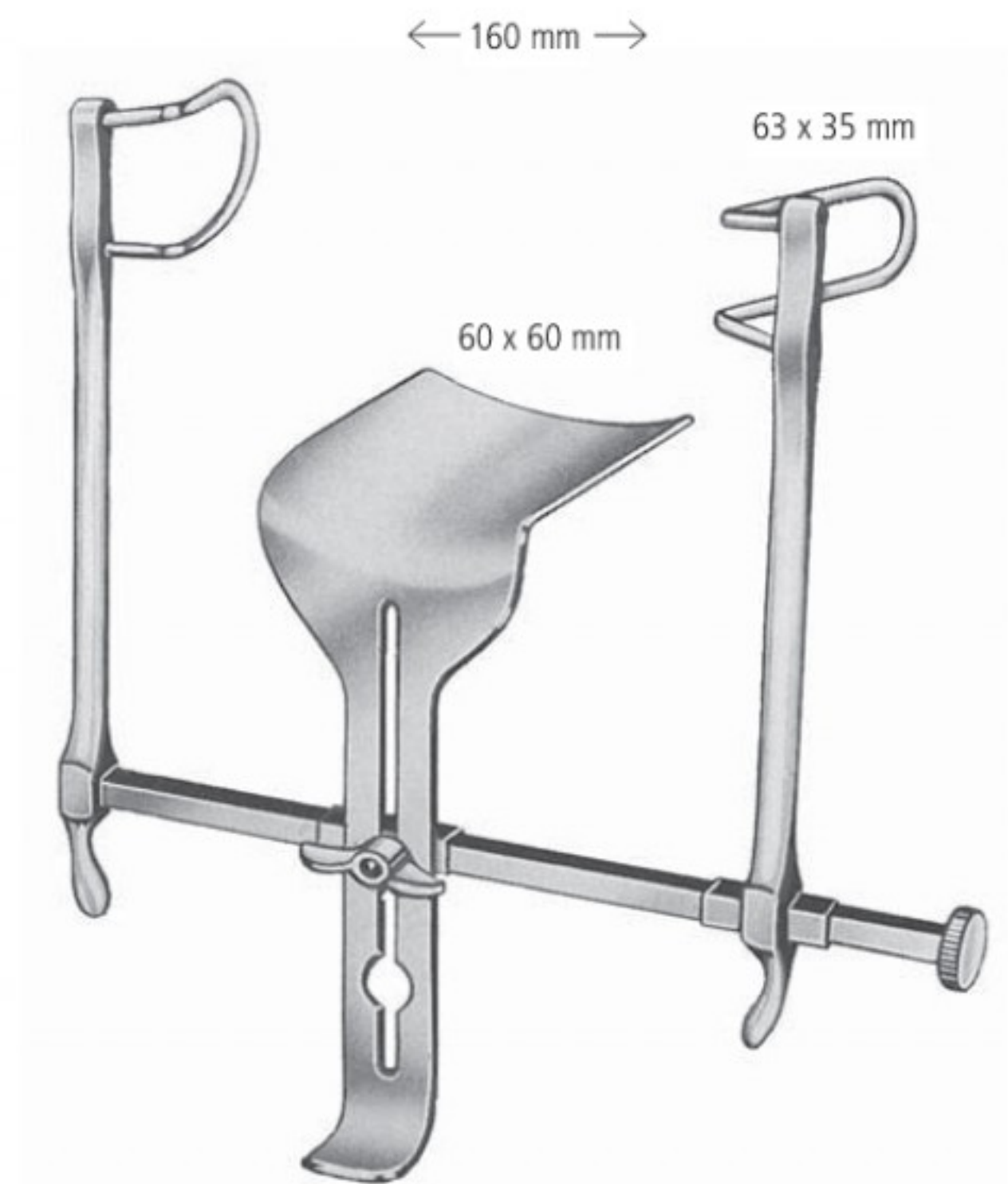
GOSSET
AK 610/10



GOSSET
AK 611/10



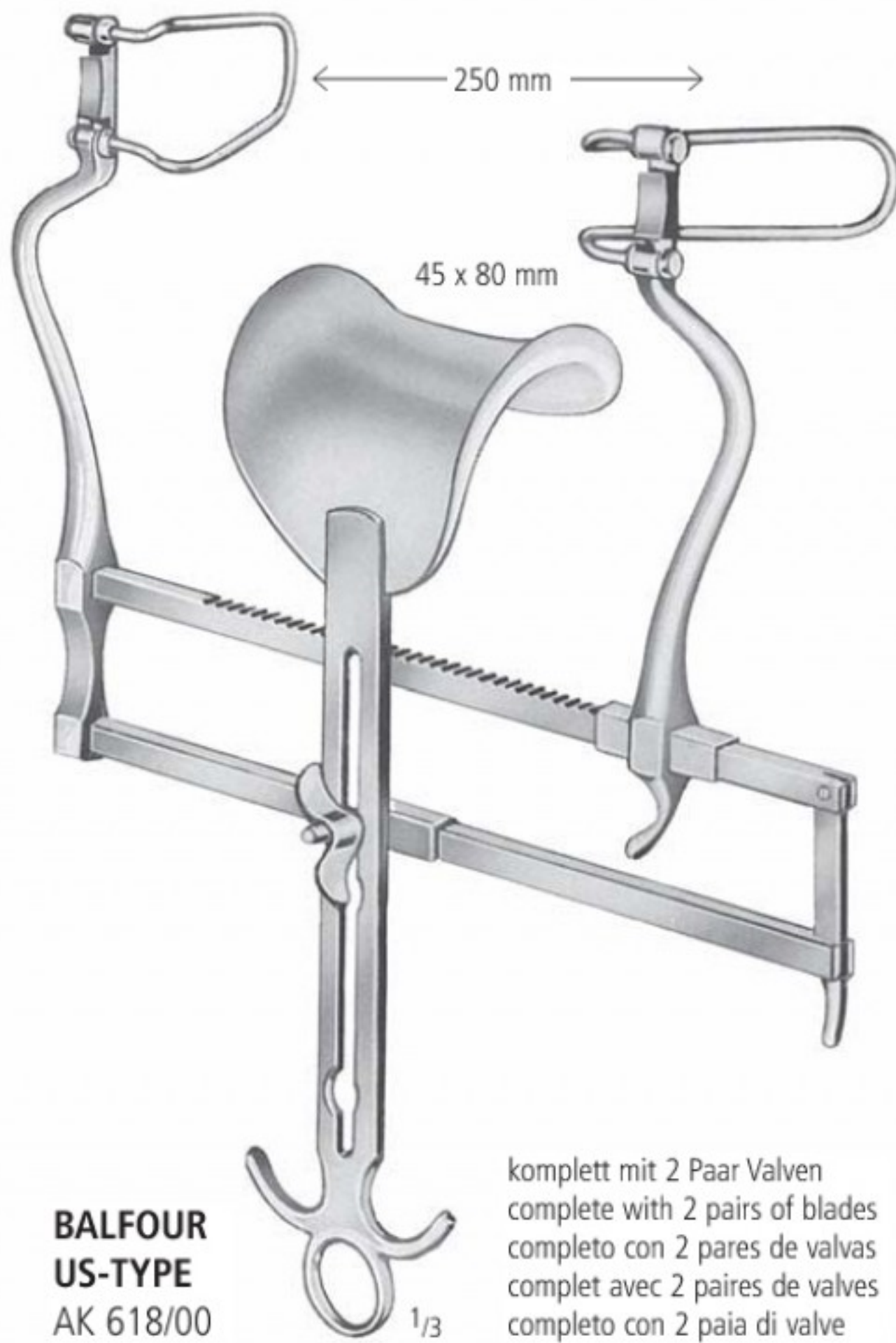
GOSSET
AK 612/14



GOSSET
AK 613/16

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali



**BALFOUR
US-TYPE**
AK 618/00

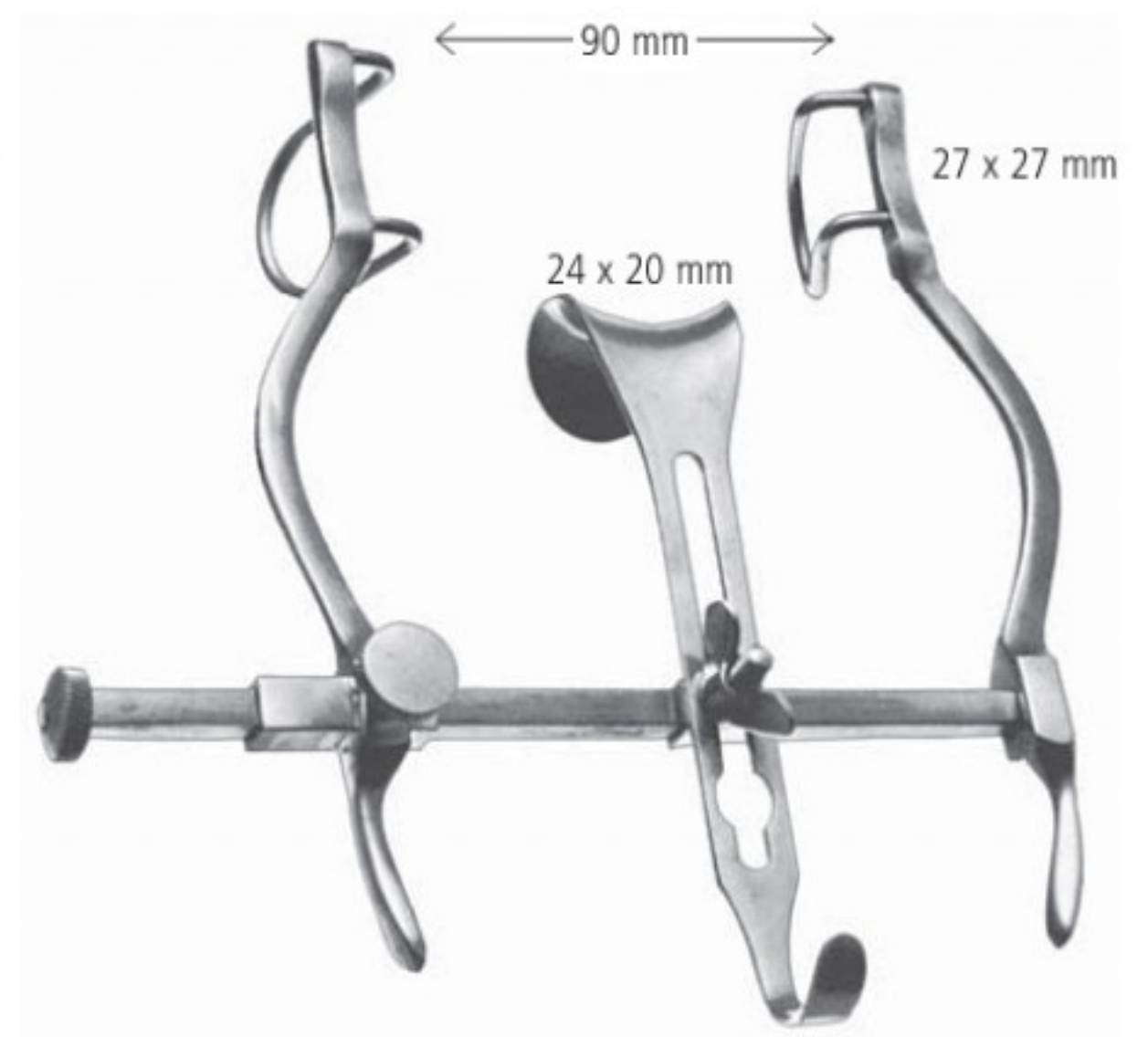
komplett mit 2 Paar Valven
complete with 2 pairs of blades
completo con 2 pares de valvas
complet avec 2 paires de valves
completo con 2 paia di valve



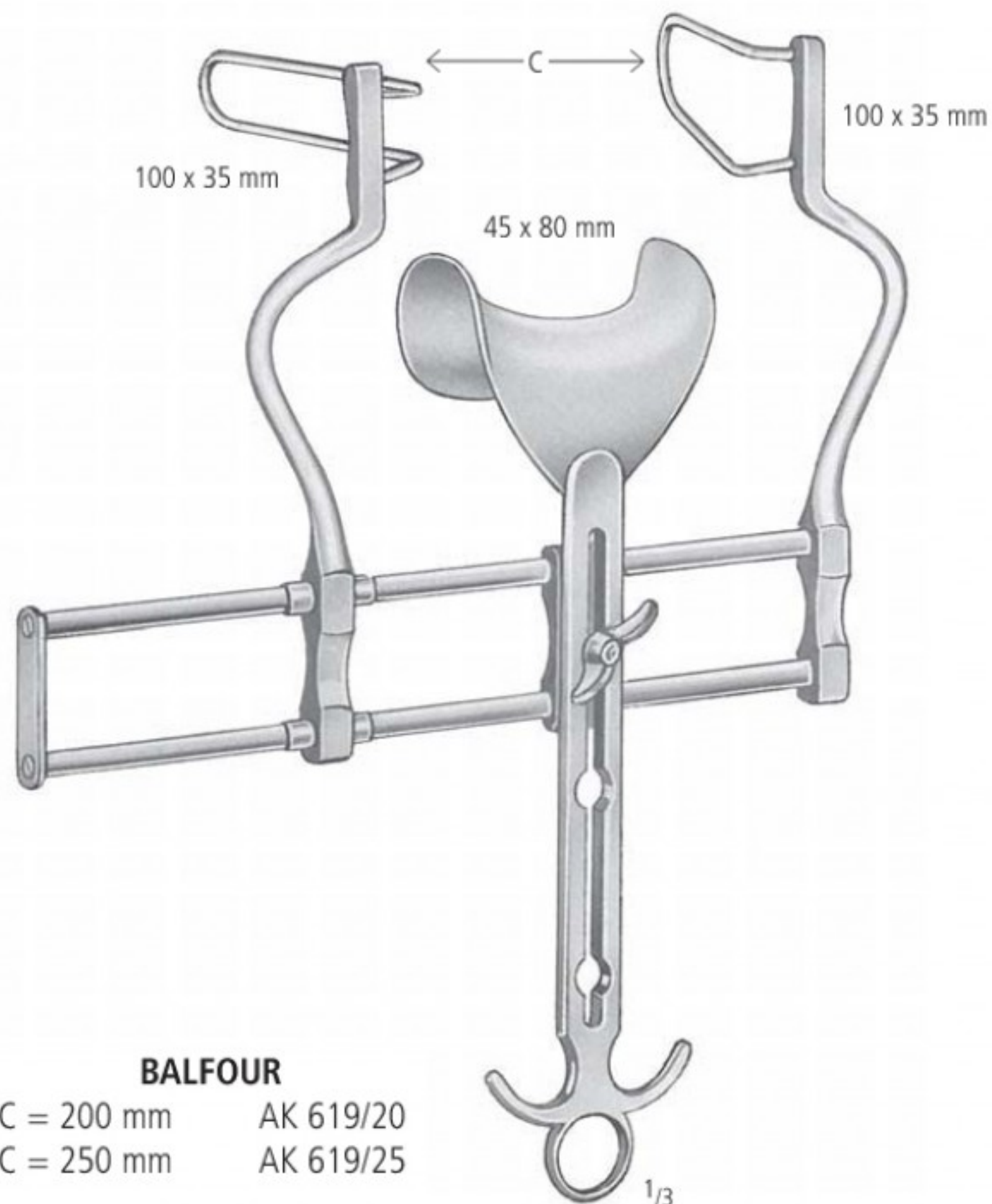
AK 618/01
70 x 35 mm



AK 618/02
100 x 35 mm



BALFOUR BABY
AK 620/09



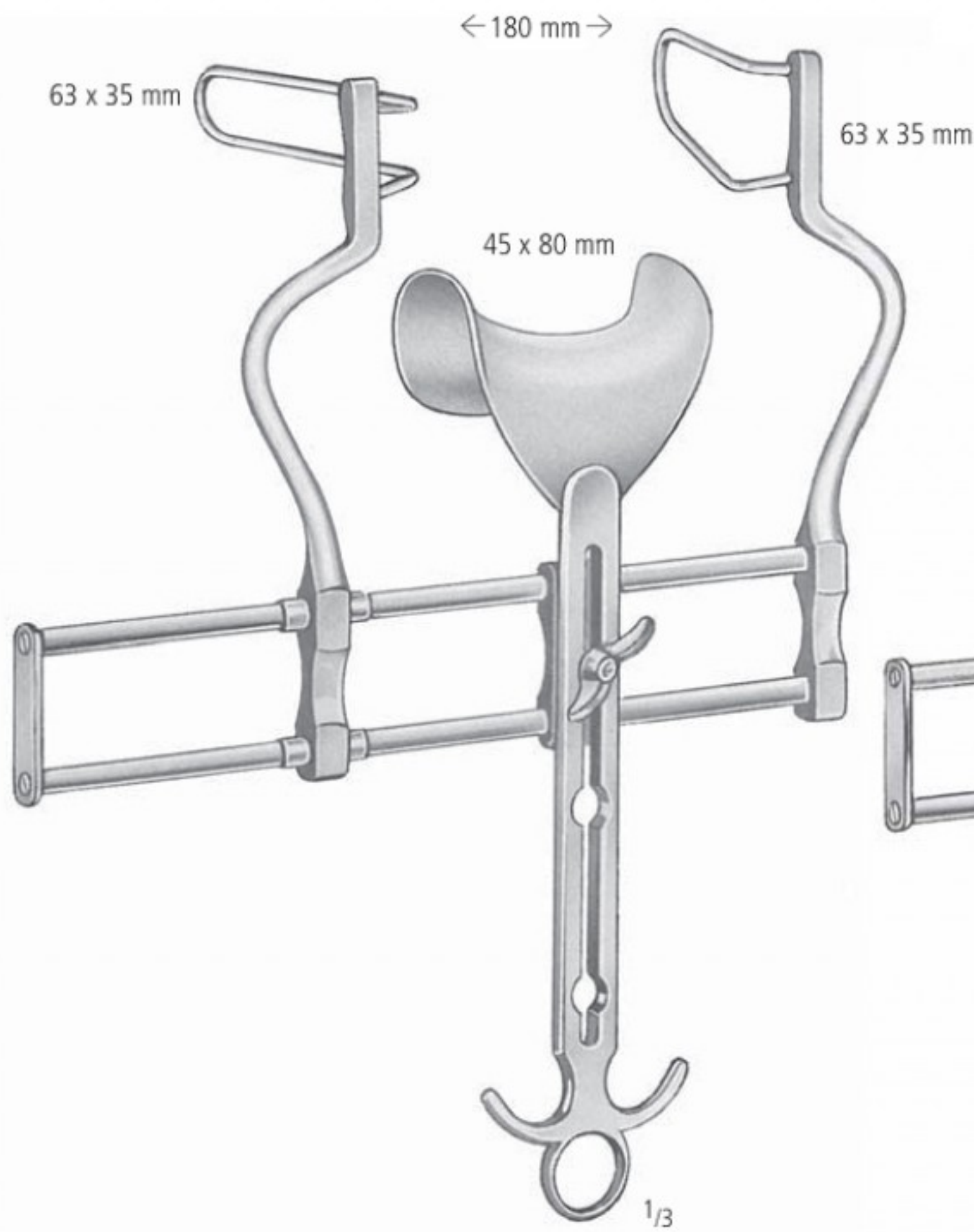
BALFOUR

C = 200 mm AK 619/20
C = 250 mm AK 619/25

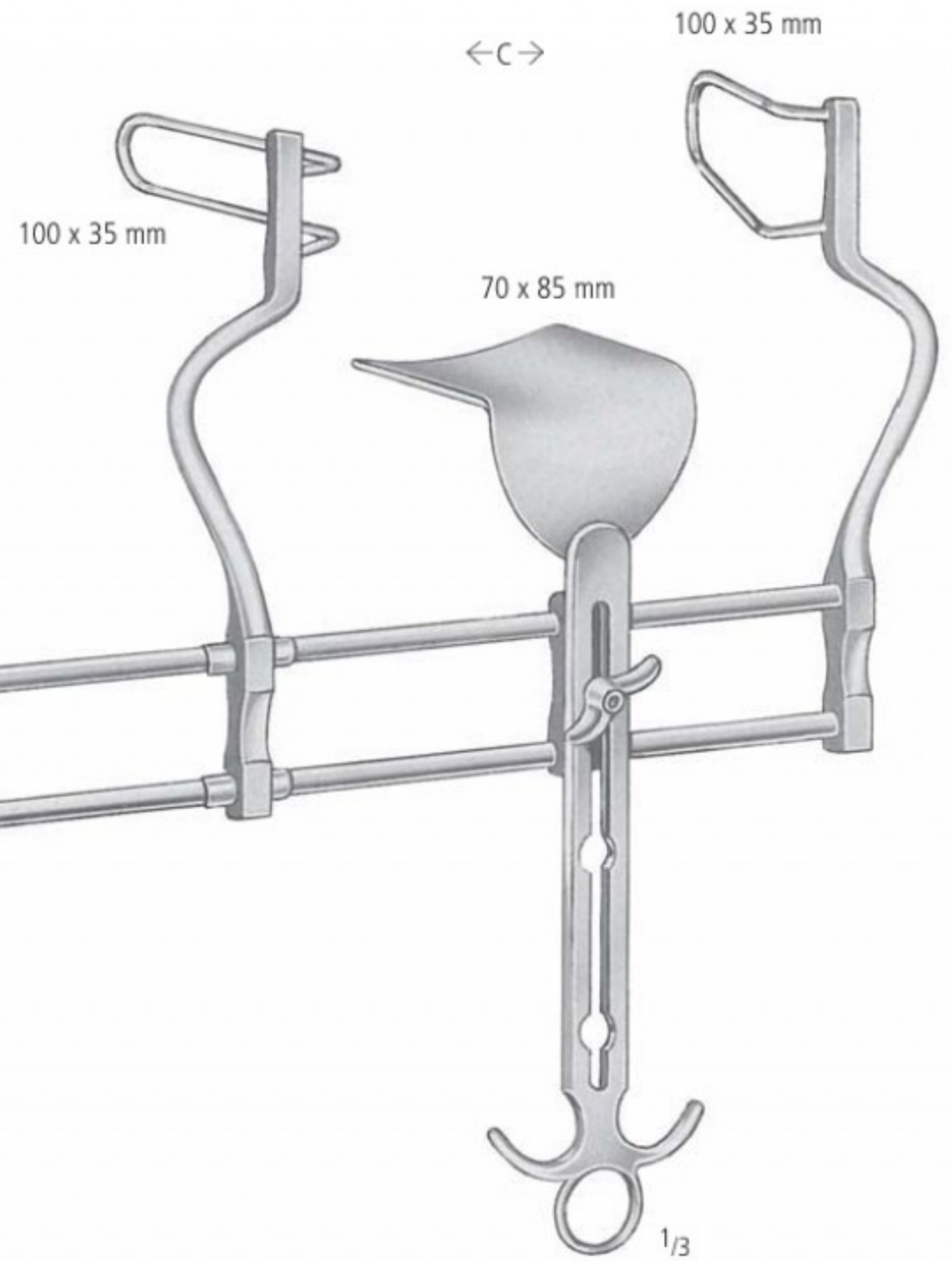
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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Bauchdeckenhalter
 Abdominal Retractors
 Separadores abdominales
 Ecarteurs abdominaux
 Divaricatori addominali



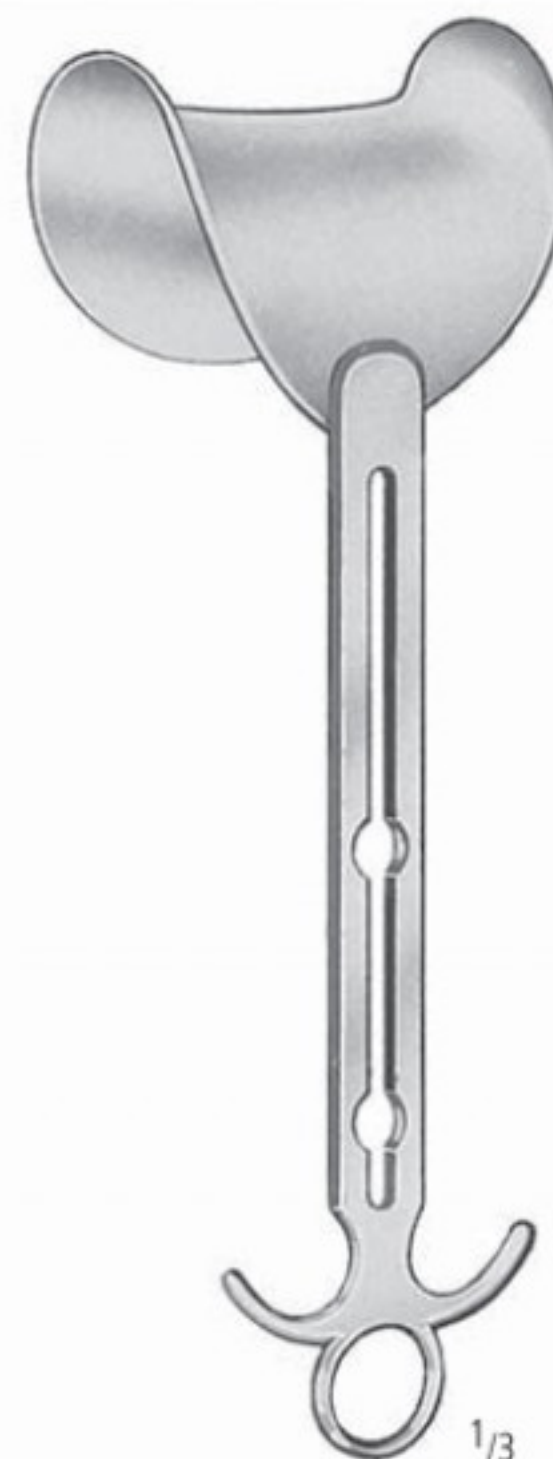
BALFOUR
 AK 620/18



BALFOUR
 C = 200 mm AK 620/20
 C = 250 mm AK 620/25



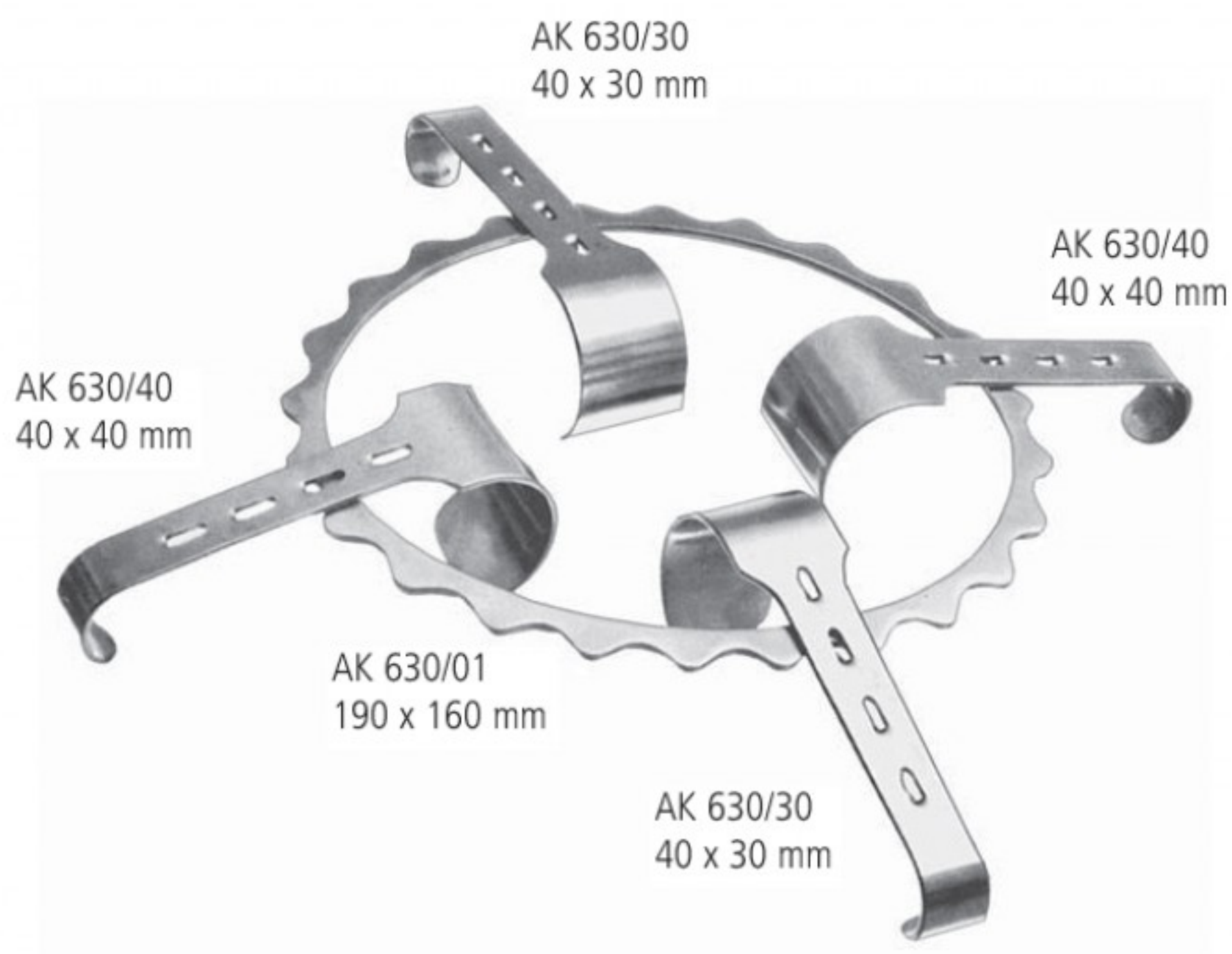
AK 621/70
 100 x 70 mm



BALFOUR
 45 x 80 mm AK 622/01
 70 x 85 mm AK 622/02

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

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DENIS BROWNE

AK 630/00 = 1 x AK 630/01
2 x AK 630/30
2 x AK 630/40



AK 632/01



110 x 70 mm
AK 632/02



80 x 45 mm
AK 632/03

O'SULLIVAN-O'CONNOR

AK 632/00 = 1 x AK 632/01
1 x AK 632/02
2 x AK 632/03

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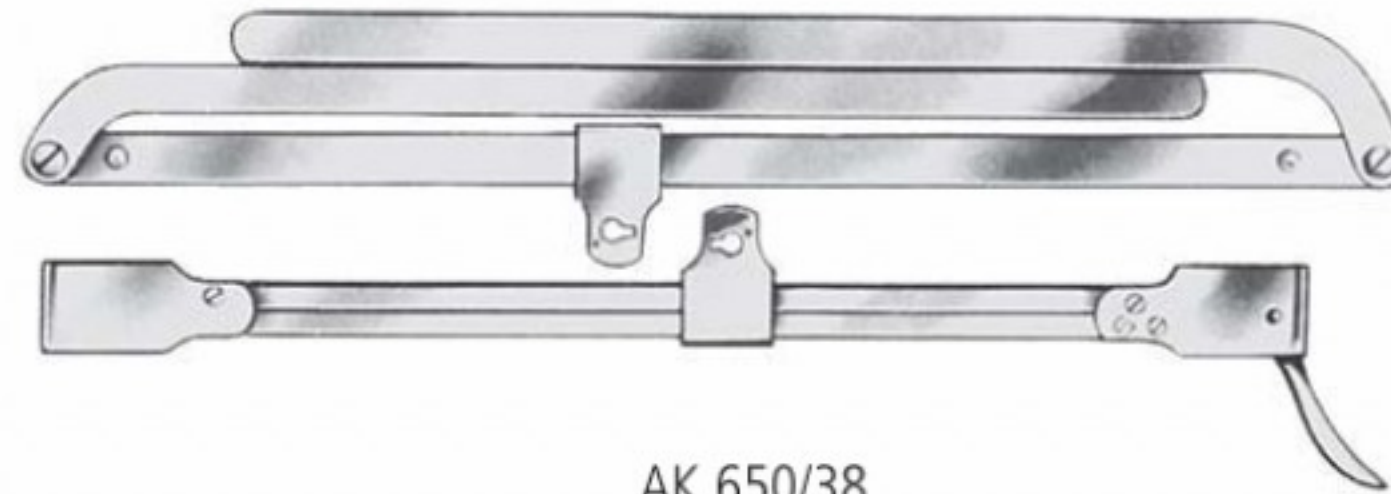


DOYEN

28,0 cm/11"

- 55 x 95 mm AK 645/01
- 55 x 105 mm AK 645/02
- 55 x 115 mm AK 645/03
- 55 x 125 mm AK 645/04

AK 650/01
300 x 300 mm



AK 650/38
38 x 60 mm



AK 650/50
50 x 65 mm

AK 650/50
50 x 65 mm

AK 650/38
38 x 60 mm

FRANZ

- AK 650/00 = 1 x AK 650/01
- + 2 x AK 650/38
- + 2 x AK 650/50

AK 655/45
45 x 80 mm



AK 655/60
60 x 85 mm



AK 655/60
60 x 85 mm



AK 655/45
45 x 80 mm

FRANZ

- AK 655/00 = 1 x AK 650/01
- + 2 x AK 650/38
- + 2 x AK 650/50
- + 2 x AK 655/45
- + 2 x AK 655/60



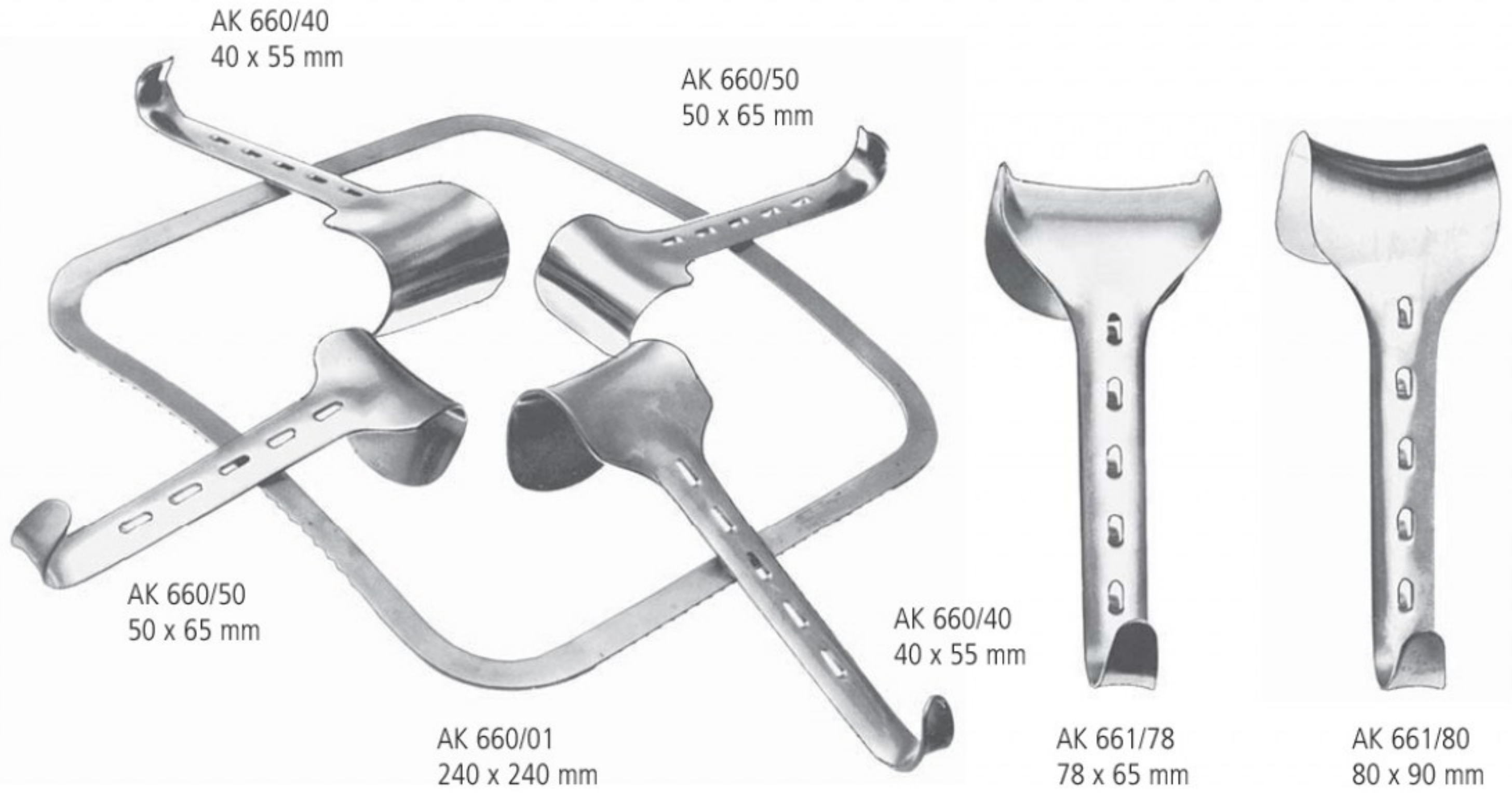
AK 656/35
105 x 35 mm



AK 656/50
98 x 50 mm

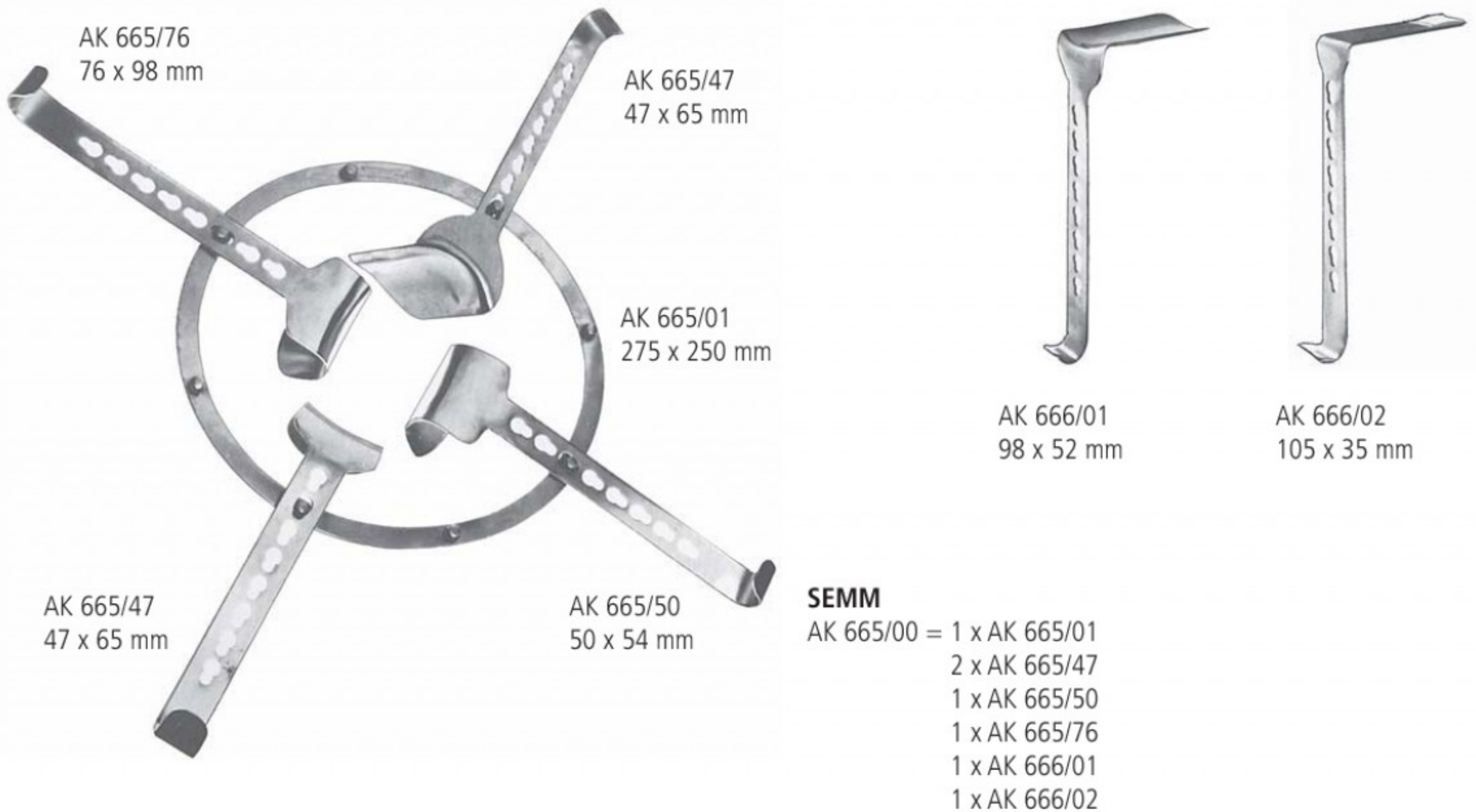
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Bauchdeckenhalter
Abdominal Retractors
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Ecarteurs abdominaux
Divaricatori addominali



KIRSCHNER

AK 660/00 = 1 x AK 660/01
2 x AK 660/40
2 x AK 660/50



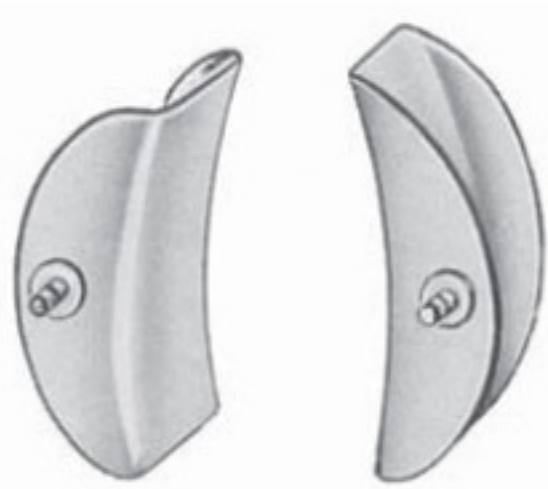
SEMM

AK 665/00 = 1 x AK 665/01
2 x AK 665/47
1 x AK 665/50
1 x AK 665/76
1 x AK 666/01
1 x AK 666/02

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Bauchdeckenhalter
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 Separadores abdominales
 Ecarteurs abdominaux
 Divaricatori addominali

AK 700/23
 23 x 44 mm



AK 700/30
 30 x 44 mm



komplett
 complete
 completo
 complet
 completo

COLLIN-BABY
 AK 700/00
 18,0 cm/7"

← 165 mm →



COLLIN

| | | |
|-----------|------------|------------|
| | S | M |
| AK 702/16 | 50 x 58 mm | 62 x 67 mm |
| AK 704/16 | 62 x 80 mm | 62 x 67 mm |

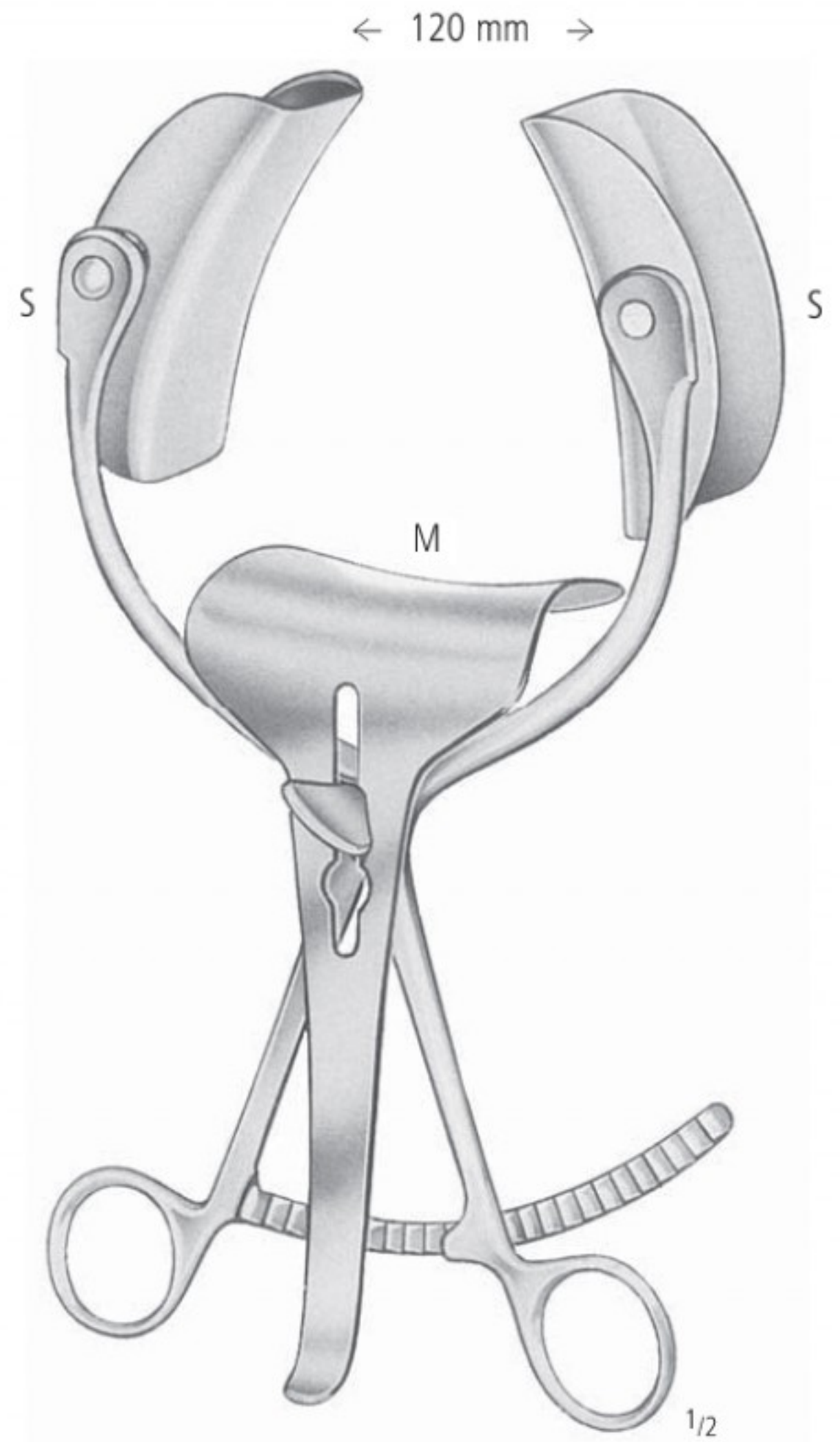
WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Bauchdeckenhalter
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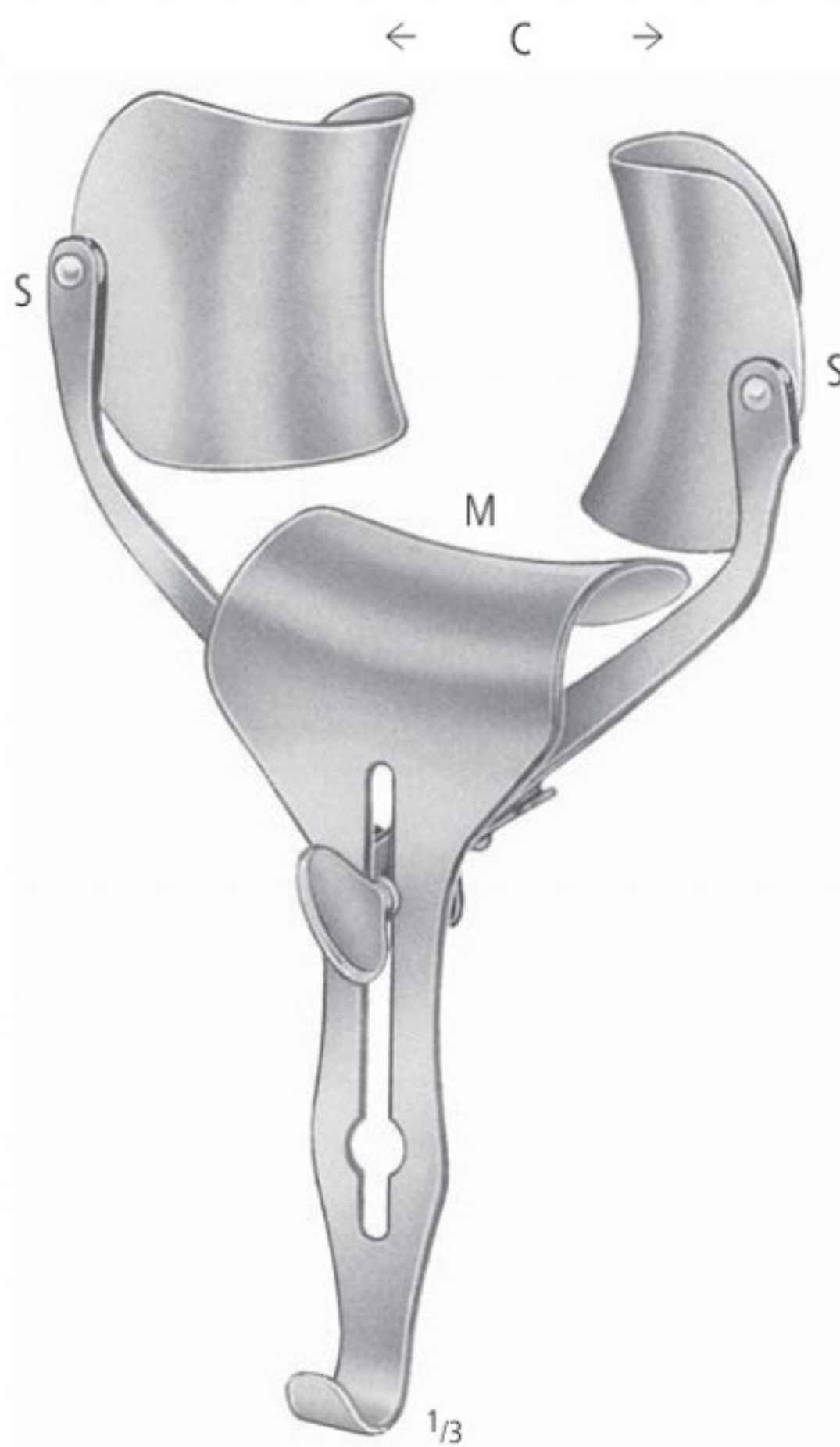


COLLIN
 AK 706/10
 22,0 cm/8³/₄"



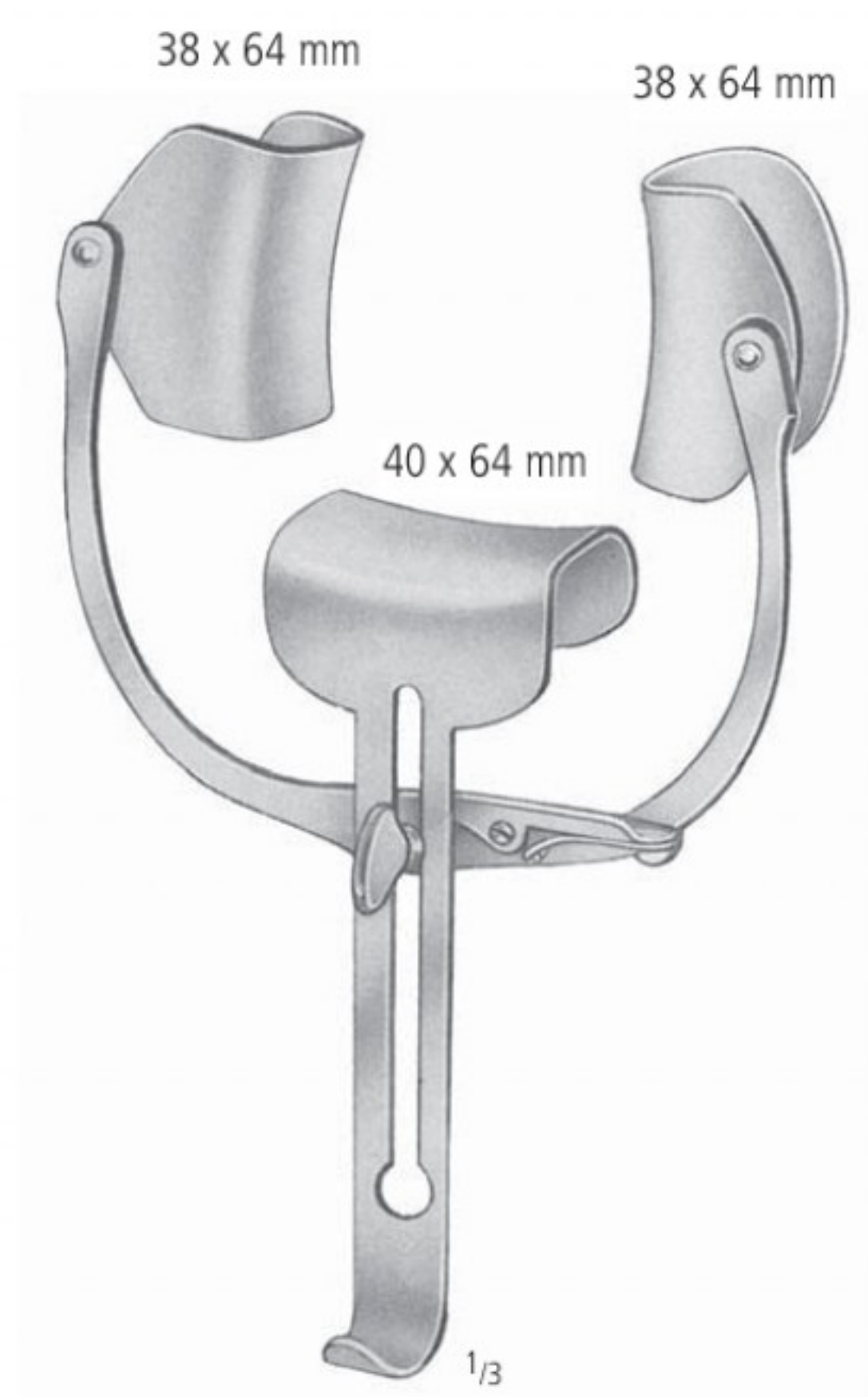
| | | |
|-----------|---------------|------------|
| | COLLIN | |
| | S | M |
| AK 708/12 | 38 x 62 mm | 55 x 55 mm |
| AK 709/12 | 38 x 80 mm | 55 x 65 mm |
| AK 710/12 | 38 x 100 mm | 55 x 75 mm |

Bauchdeckenhalter
 Abdominal Retractors
 Separadores abdominales
 Ecarteurs abdominaux
 Divaricatori addominali



RICARD

| | S | M | C |
|-----------|------------|------------|--------|
| AK 712/28 | 72 x 85 mm | 80 x 90 mm | 280 mm |
| AK 712/30 | 60 x 80 mm | 55 x 70 mm | 300 mm |



ROBIN-MASSE

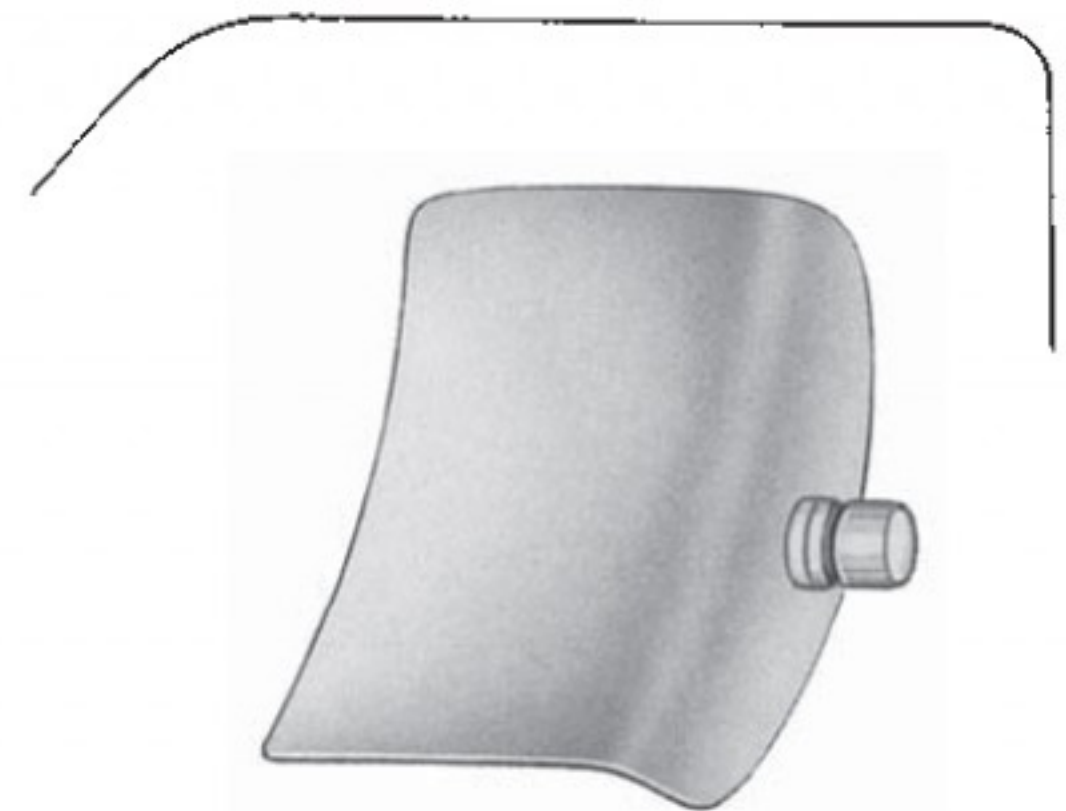
AK 715/00

WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

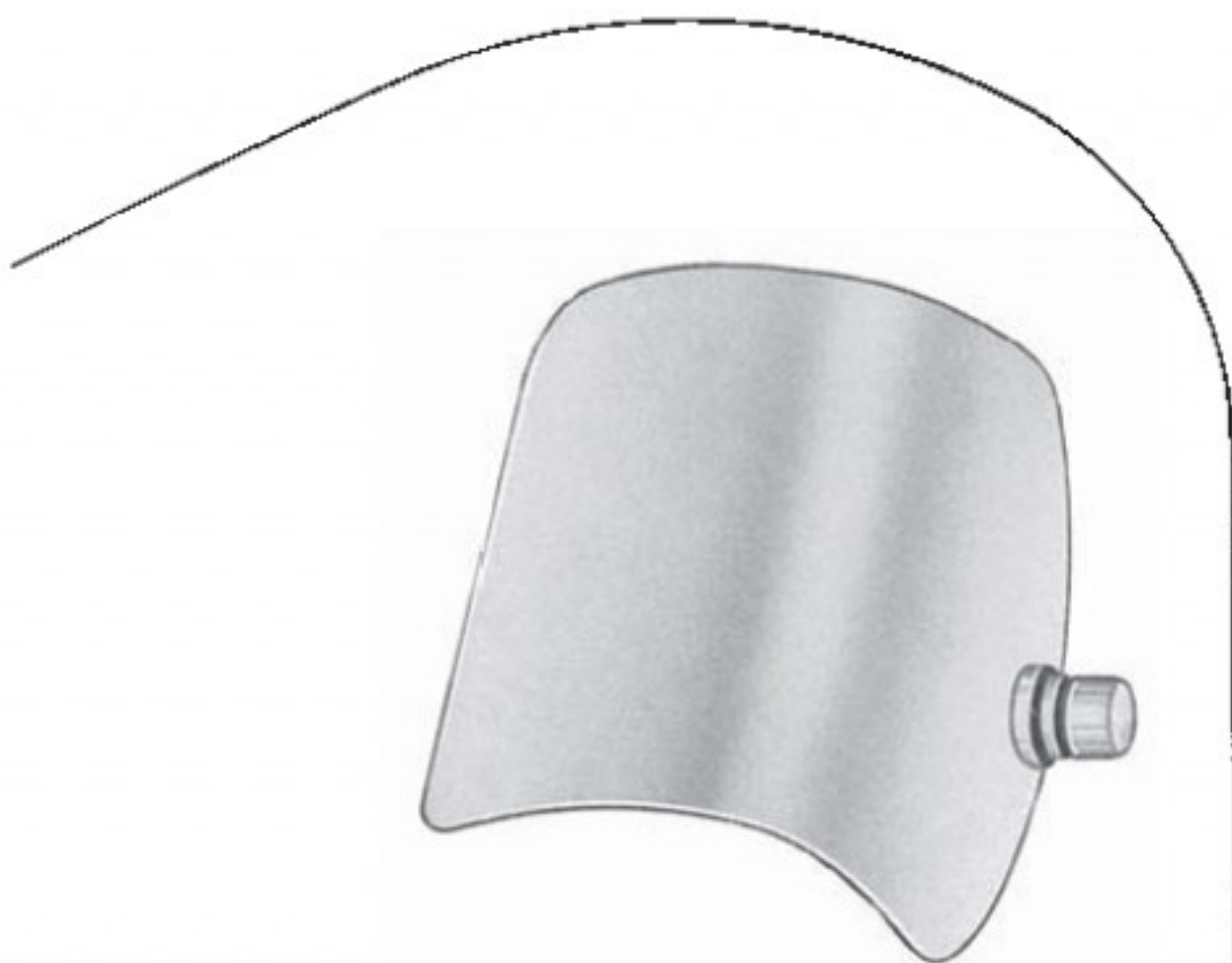
Bauchdeckenhalter
 Abdominal Retractors
 Separadores abdominales
 Ecarteurs abdominaux
 Divaricatori addominali



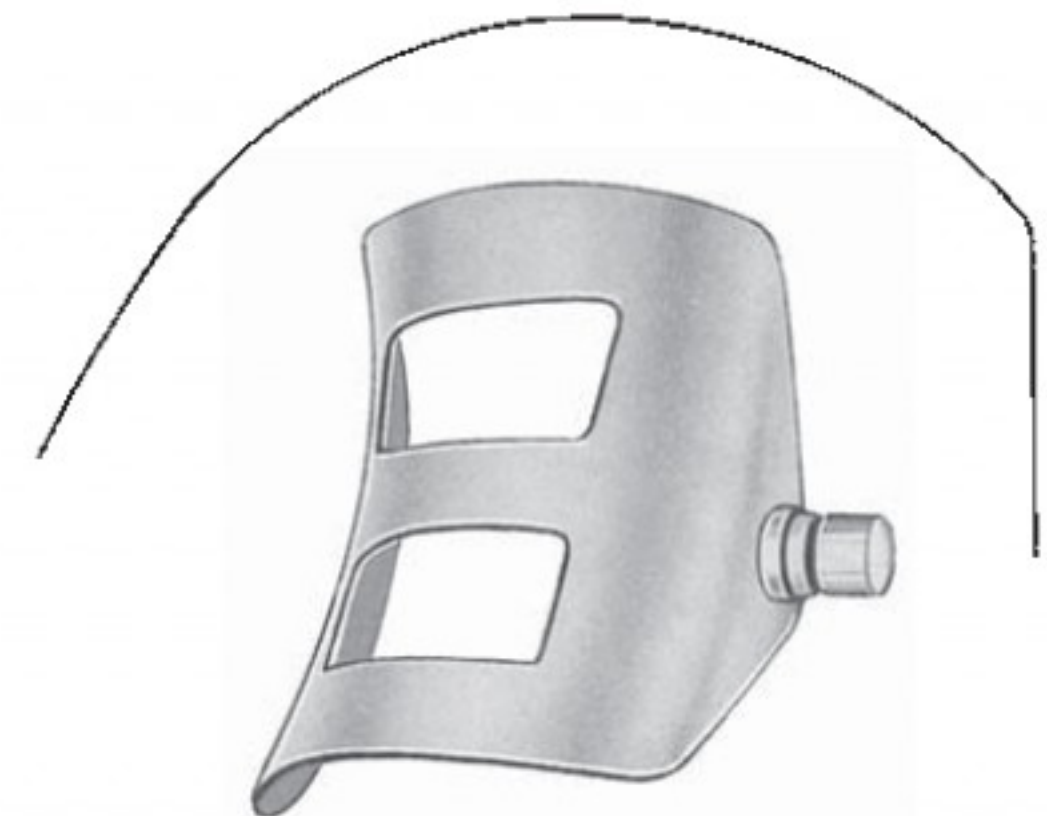
38 x 62 mm AK 725/06
 38 x 80 mm AK 725/08
 38 x 100 mm AK 725/10



AK 726/80
 62 x 80 mm



50 x 58 mm AK 727/58
 60 x 80 mm AK 727/80
 72 x 85 mm AK 727/85



AK 728/80
 62 x 80 mm

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AK WUNDHAKEN RETRACTORS SEPARADORES ECARTEURS DIVARICATORI

Bauchspatel
Abdominal Spatulas
Espátulas abdominales
Spatules abdominales
Spatole addominali

biegsam
malleable
maleables
malléables
malleabili



| | |
|-------------|-----------|
| 200 x 12 mm | AK 800/12 |
| 200 x 17 mm | AK 800/17 |
| 200 x 25 mm | AK 800/25 |
| 250 x 25 mm | AK 802/25 |

biegsam
malleable
maleables
malléables
malleabili



33,0 cm/13"

| | |
|-------|-----------|
| 30 mm | AK 804/30 |
| 40 mm | AK 804/40 |
| 50 mm | AK 804/50 |

biegsam
malleable
maleables
malléables
malleabili



25 mm

20,0 cm/8"

17 mm

TUFFIER
AK 805/20

biegsam
malleable
maleables
malléables
malleabili



| | | |
|----------|-------------|-----------|
| 25/30 mm | 28,0 cm/11" | AK 807/30 |
| 37/45 mm | 30,0 cm/12" | AK 807/45 |
| 40/50 mm | 30,0 cm/12" | AK 807/50 |



45 mm

REVERDIN
AK 809/29
29,0 cm/11¹/₂"

60 mm