

20
22
23

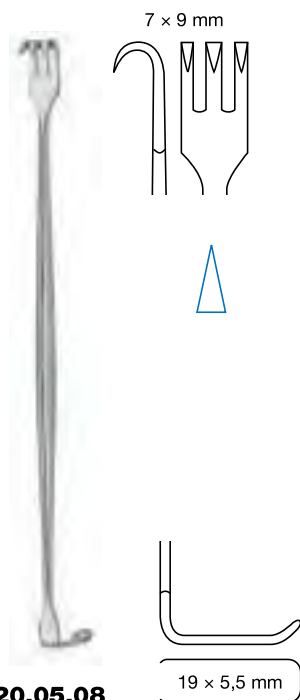
Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori

t h e a r t o f s u r g e r y





Feine Wundhaken, doppelendig
Delicate Retractors, double-ended
Separadores finos, dobles
Ecarteurs fins, doubles
Divaricatori delicati, doppi



20.05.08
 16 cm – 6¼"
Senn-Miller



20.05.09
 16 cm – 6¼"
Senn-Miller



20.05.25
 16 cm – 6¼"
Ragnell



20.05.50
 18 cm – 7⅛"
Cope

spitz
sharp
agudo
pointu
acuto

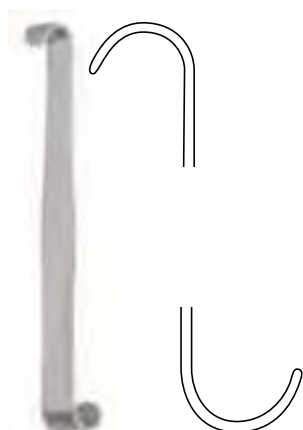
stumpf
blunt
romo
mousse
smusso



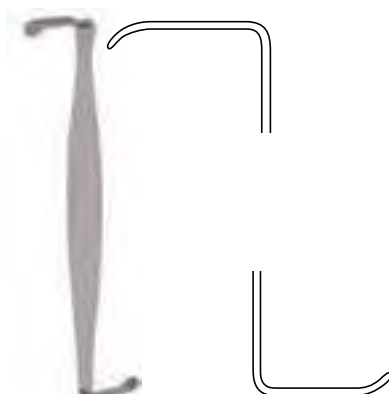
20.07.07
 17 cm – 6¾"
Lukens



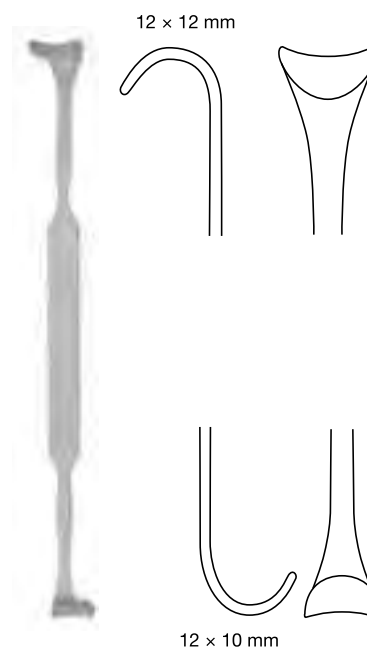
20.07.08
 17 cm – 6¾"
Jackson



20.09.11
 11 cm – 4⅜"
Luer



20.09.30
 11 cm – 4⅜"
Crile



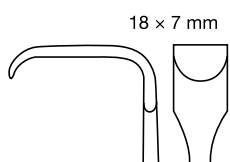
20.09.50
 16 cm – 6¼"
Rose



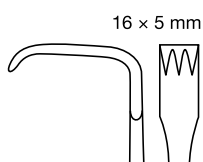
**Feine Wundhaken
Delicate Retractors
Separadores finos
Ecarteurs fins
Divaricatori delicati**



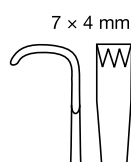
18 cm – 7 1/8"
Meyerding



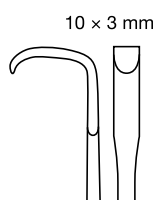
20.10.01



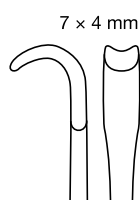
20.10.02



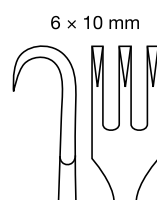
20.10.03



20.10.04



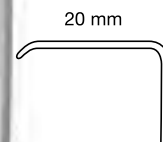
20.10.05



20.10.06



20.12.10

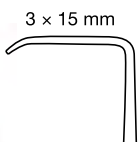


20.12.20

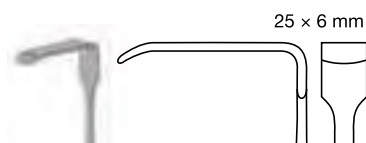
14 cm – 5 1/2"
Senn-Green



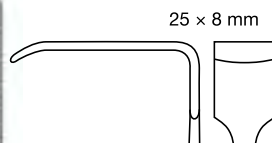
18 cm – 7 1/8"
Lanz



20.12.18

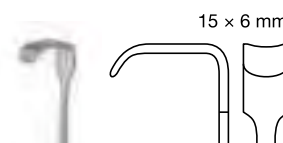


20.12.25

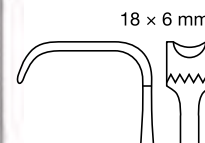


20.12.26

17 cm – 6 3/4"
Langenbeck-Green



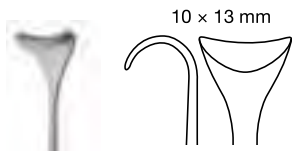
20.12.75
17 cm – 6 3/4"



20.12.85
19 cm – 7 1/2"

Strandell-Stille

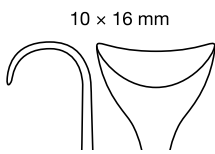




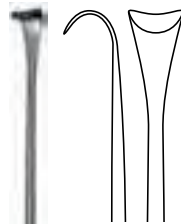
20.15.13



17 cm – 6¾"
Koenig



20.15.16



20.17.01



19 cm – 7½"
Love



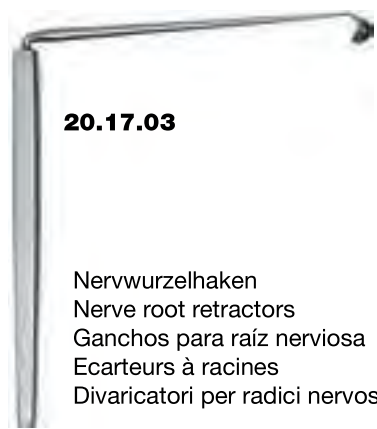
20.17.02



16 cm – 6¼"
Love



20.17.03

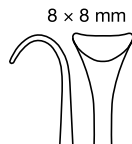


Nervwurzelhaken
Nerve root retractors
Ganchos para raíz nerviosa
Ecarteurs à racines
Divaricatori per radici nervose

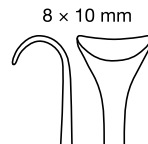
Venenhaken
Vein retractors
Ganchos para venas
Ecarteurs à veines
Divaricatori per vene



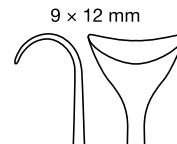
Cushing



20.17.08
20 cm – 8"



20.17.10
20 cm – 8"

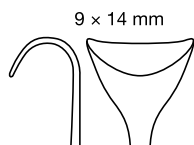


20.17.12
20 cm – 8"

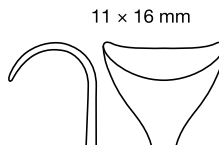
20.17.28
24 cm – 9½"

20.17.30
24 cm – 9½"

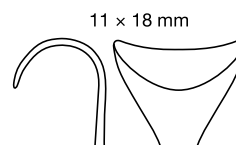
20.17.32
24 cm – 9½"



20.17.14
20 cm – 8"



20.17.16
20 cm – 8"



20.17.18
20 cm – 8"

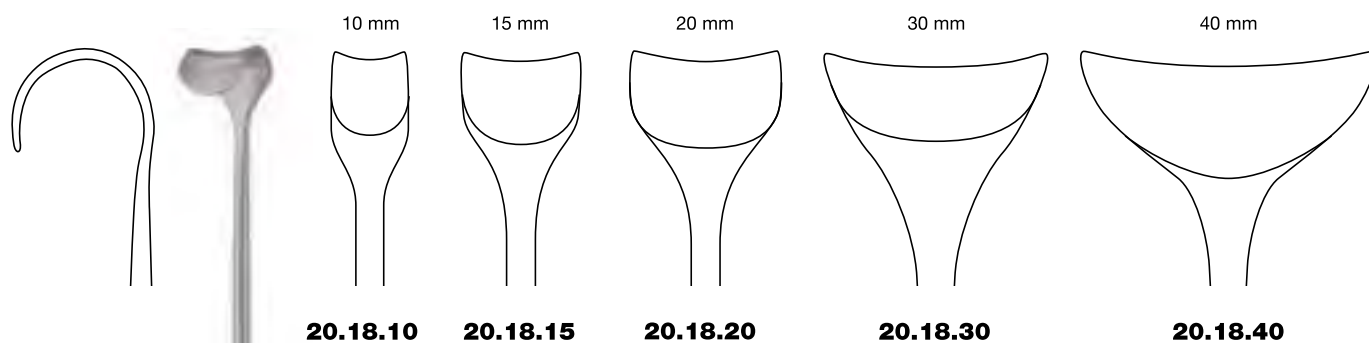
20.17.34
24 cm – 9½"

20.17.36
24 cm – 9½"

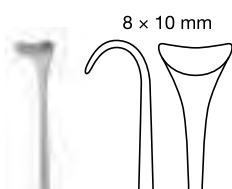
20.17.38
24 cm – 9½"



**Feine Wundhaken
Delicate Retractors
Separadores finos
Ecarteurs fins
Divaricatori delicati**



25 cm – 10"
Love (Morse)

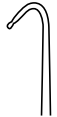


Venenhaken
Vein retractor
Gancho para venas
Ecarteur à veines
Divaricatore per vene

20.17.50
21 cm – 8¼"
Cushing



20.17.90
21 cm – 8¼"
Schoenborn

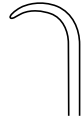


Venenhäkchen
Vein hook
Ganchito para venas
Crochet à veines
Uncino per vene

20.20.12
13 cm – 5 1/8"
Moldestad



20.20.17



20.20.18

17 cm – 6 3/4"

Venenhäkchen
Vein hooks
Ganchitos para venas
Crochets à veines
Uncini per vene

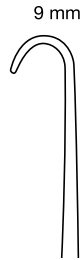


20.20.34

16 cm – 6 1/4"



20.20.57



20.20.59

16 cm – 6 1/4"



20.22.01



20.22.02



20.22.03

14 cm – 5 1/2"
Lucae



20.22.31



20.22.32

19 cm – 7 1/2"
Cushing



20.22.36



20.22.37



20.22.38

Nervhäkchen
Nerve hooks
Ganchitos para nervios
Crochets à nerfs
Uncini per nervi

28 cm – 11"
Cushing



**Feine Wundhaken
Delicate Retractors
Separadores finos
Ecarteurs fins
Divaricatori delicati**





3 mm

Hauthäkchen
Skin hooks
Ganchitos para piel
Crochets dermatologiques
Uncini per pelle

20.35.01
15 cm - 6"
Barsky



3 mm

20.35.02
15 cm - 6"
Barsky

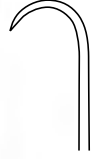


20.35.32
11,5 cm - 4½"
Humby



Trachealhaken
Tracheal hooks
Ganchos traqueales
Crochets trachéals
Uncini tracheale

20.40.14
14,5 cm - 5¾"
Jackson



20.40.15
15 cm - 6"
News



7 mm

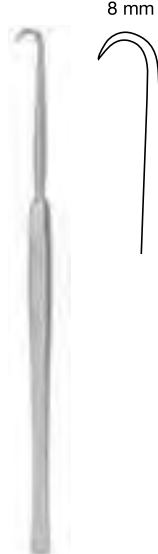
20.40.16
16 cm - 6¼"
Cottle



6 mm

Fistelhaken
Fistula hook
Ganchito fistular
Crochet à fistules
Uncino fistolare

20.42.01
22 cm - 8¾"
Emmet



8 mm

20.45.14
14 cm - 5½"
Bergmann

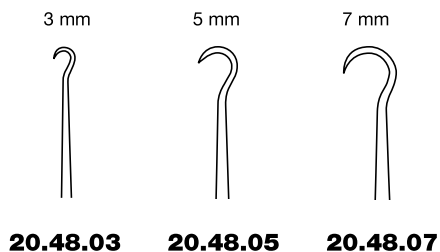


11 mm

20.45.16
16,5 cm - 6½"
Bergmann



**Feine Wundhaken
Delicate Retractors
Separadores finos
Ecarteurs fins
Divaricatori delicati**

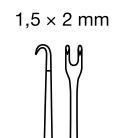


Hauthäkchen
Skin hooks
Ganchitos para piel
Crochets dermatologiques
Uncini per pelle

13 cm - 5 1/8"
Kleinert-Kutz



20.52.02
15 cm - 6"
Freer



20.52.10



20.52.11



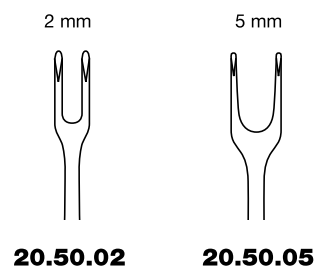
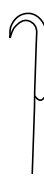
20.48.10 **20.48.11**



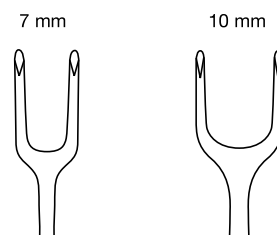
19 cm - 7 1/2"
Benicke



20.50.01
16 cm - 6 1/4"
Joseph



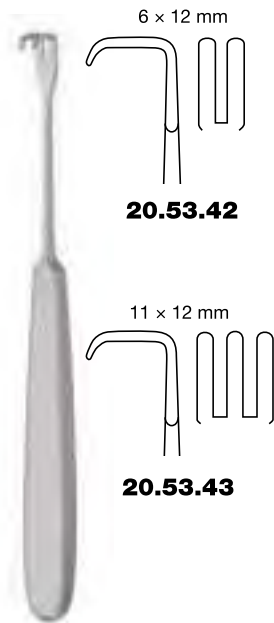
20.50.02 **20.50.05**



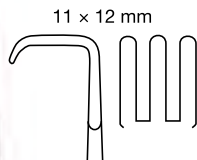
20.50.07 **20.50.10**

17 cm - 6 3/4"
Joseph



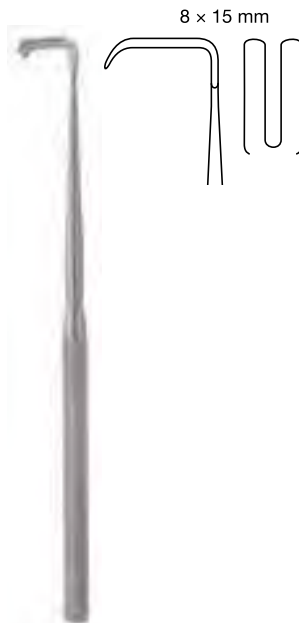


20.53.42



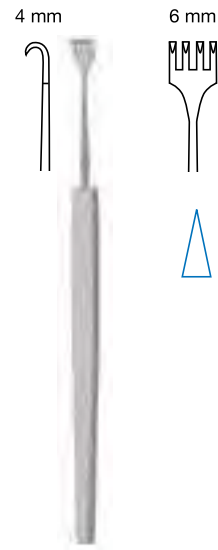
20.53.43

16 cm – 6 1/4"



20.53.50

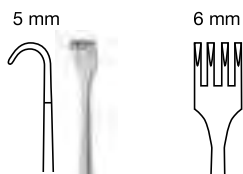
16 cm – 6 1/4"



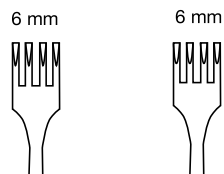
20.55.13

13 cm – 5 1/8"

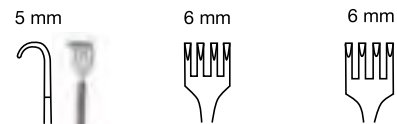
Rollet



20.55.16



20.55.17



20.55.26



20.55.27



mit flexiblem Federschaft
with flexible shaft
con vástago flexible
avec tige flexible
con asta flessibile

16 cm – 6 1/4"

Knapp

16 cm – 6 1/4"

Knapp



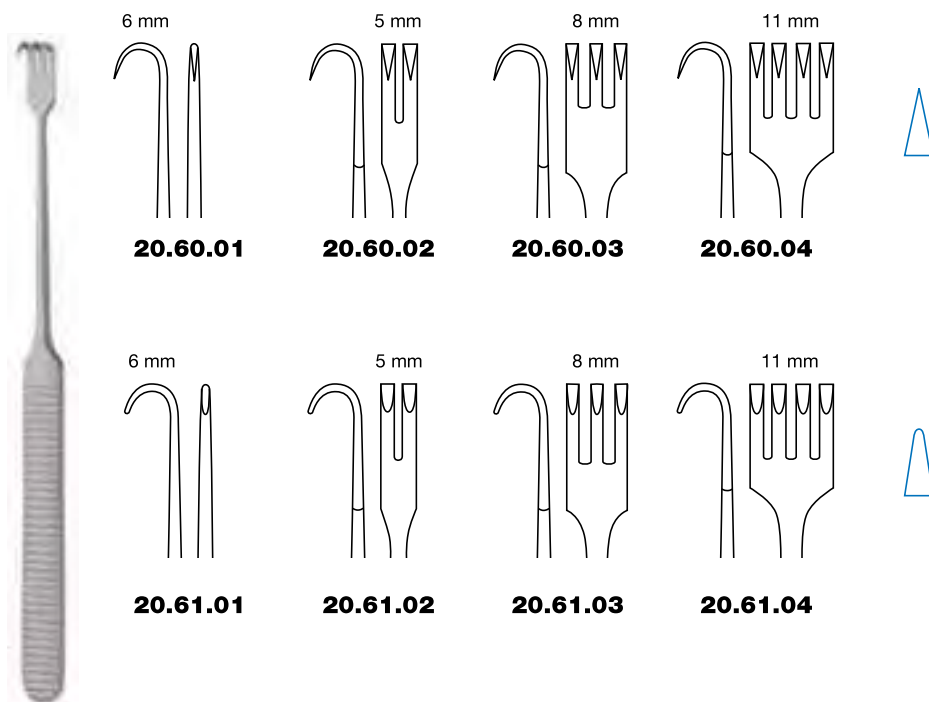
spitz
sharp
agudo
pointu
acuto



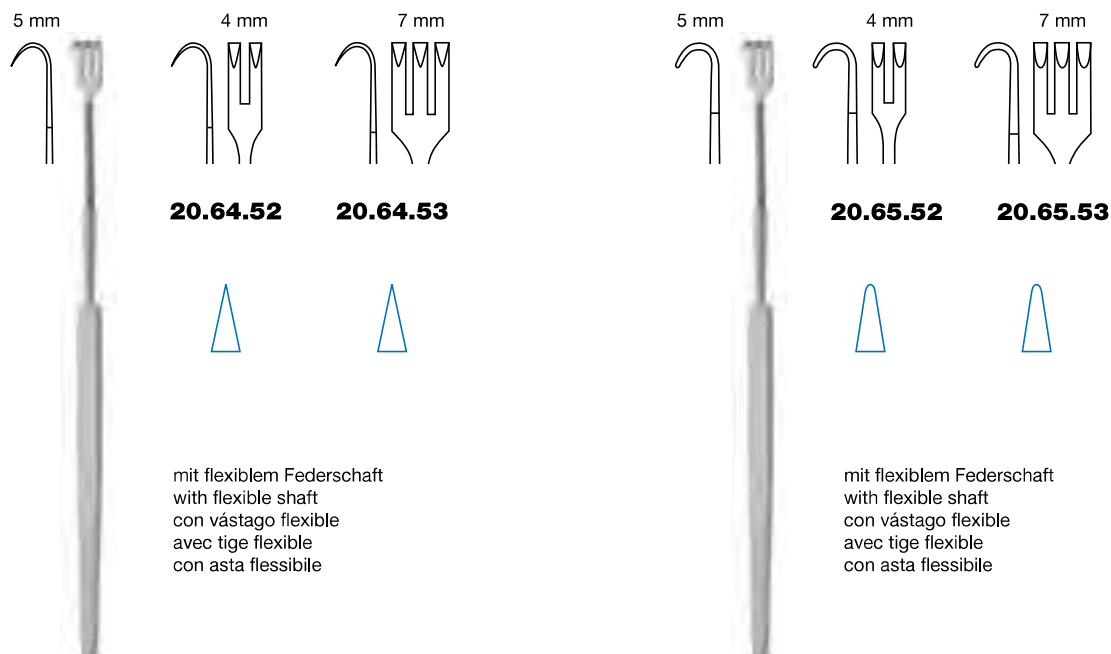
stumpf
blunt
romo
mousse
smusso



**Feine Wundhaken
Delicate Retractors
Separadores finos
Ecarteurs fins
Divaricatori delicati**



17 cm - 6 $\frac{3}{4}$ "



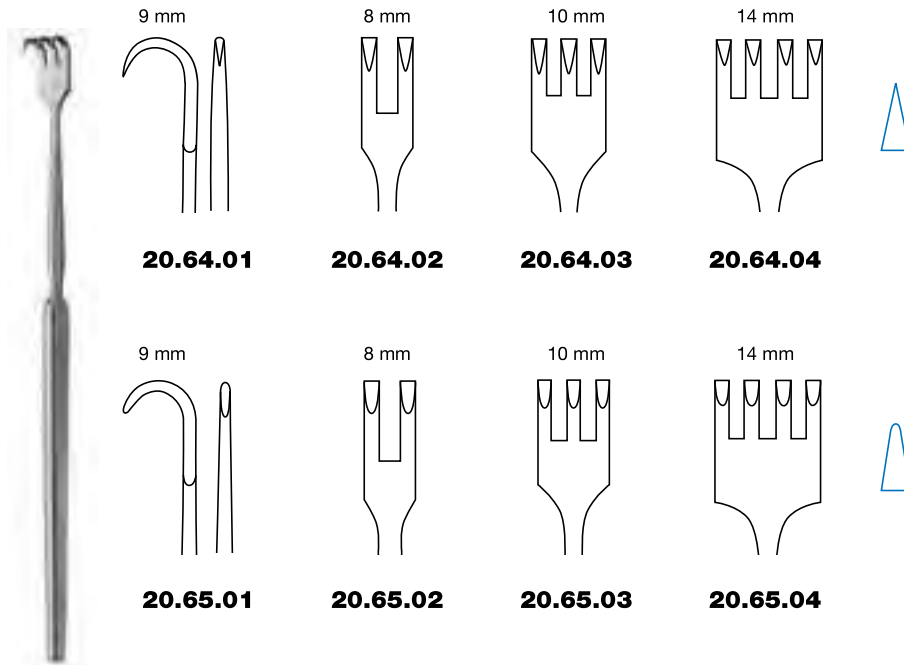
mit flexiblem Federschaft
with flexible shaft
con vástago flexible
avec tige flexible
con asta flessibile

mit flexiblem Federschaft
with flexible shaft
con vástago flexible
avec tige flexible
con asta flessibile

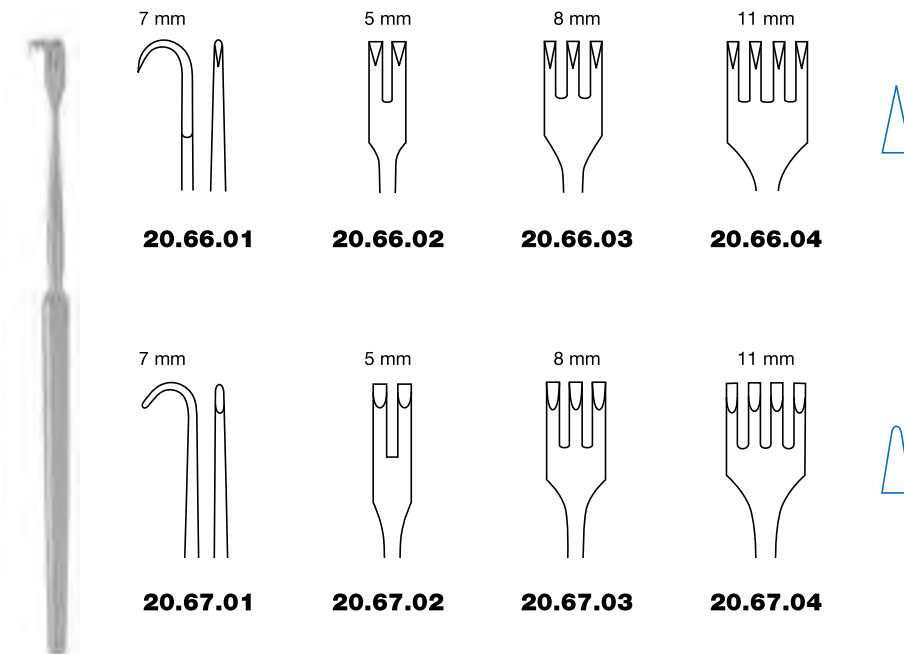
16 cm - 6 $\frac{1}{4}$ "

16 cm - 6 $\frac{1}{4}$ "





16 cm – 6¼"



16 cm – 6¼"



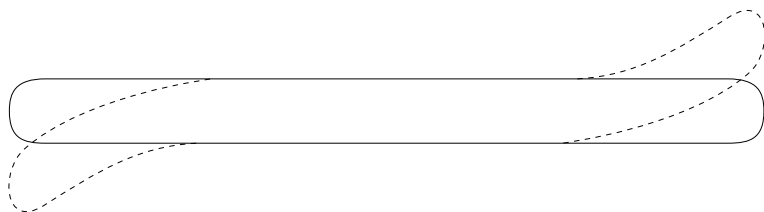
spitz
sharp
agudo
pointu
acuto



stumpf
blunt
romo
mousse
smusso



Bauch- und Darmspatel
Stomach and Intestinal Spatulas
Espátulas abdominales e intestinales
Spatules abdominales et intestinales
Spatole addominali ed intestinali

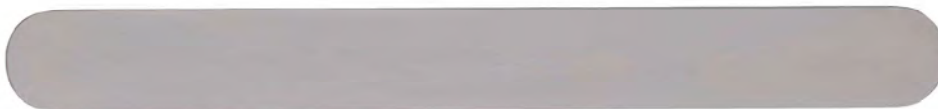


biegsam
malleable
maleable
malléable
malleabile



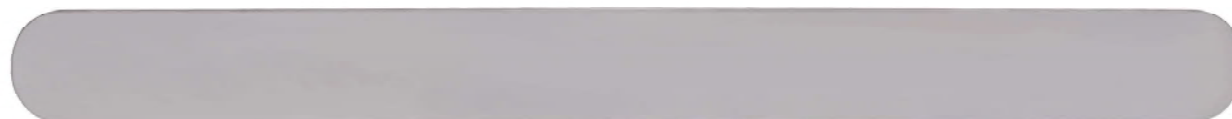
biegsam
malleable
maleable
malléable
malleabile

22.00.06 6 × 200 mm
22.00.12 12 × 200 mm
22.00.17 17 × 200 mm
22.00.25 25 × 200 mm



biegsam
malleable
maleable
malléable
malleabile

22.00.27 27 × 250 mm
22.00.35 35 × 250 mm



biegsam
malleable
maleable
malléable
malleabile

22.02.03 30 × 330 mm
22.02.04 40 × 330 mm
22.02.05 50 × 330 mm
22.02.07 75 × 330 mm
Ochsner

22.02.53 30 × 330 mm
22.02.54 40 × 330 mm
22.02.55 50 × 330 mm
22.02.57 75 × 330 mm
Ochsner

Titan
Titanium
Titanio
Titane
Titanio

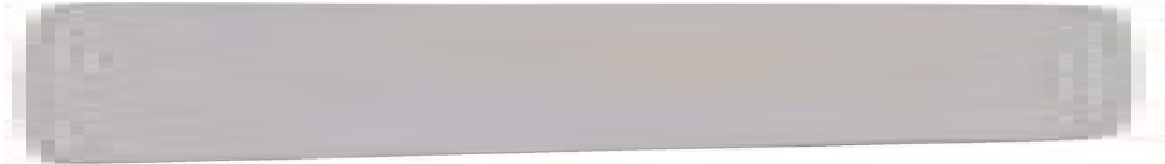
rostfrei
stainless
inoxidables
inoxydables
inossidabile

biegsam
malleable
maleable
malléable
malleabile



22.03.17
17/25 × 200 mm
Tuffier

biegsam
malleable
maleable
malléable
malleabile



22.03.36
37/45 × 300 mm
Haberer

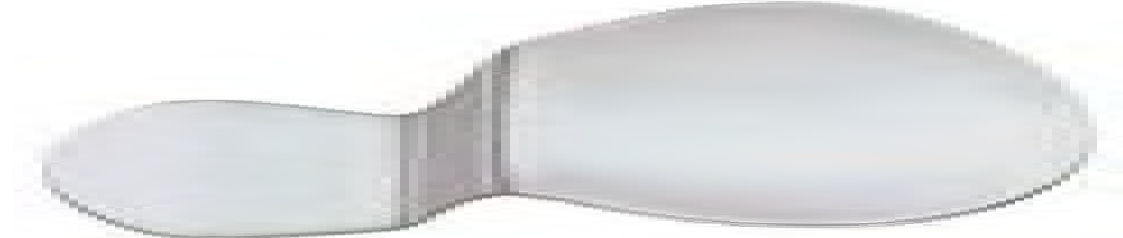
Titan
Titanium
Titanio
Titane
Titanio

22.03.37
37/45 × 300 mm
Haberer

rostfrei
stainless
inoxidables
inoxydables
inossidabile



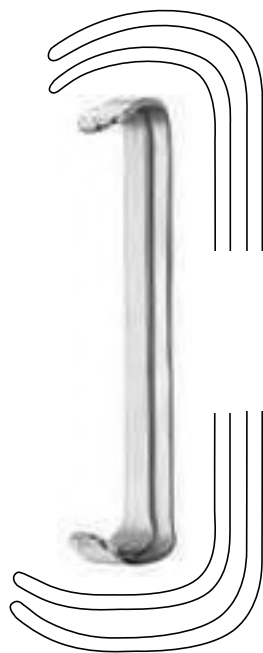
22.05.45
45/60 × 290 mm
Reverdin



22.05.60
45/60 × 280 mm
Reverdin



Wundhaken, doppelendig
Retractors, double-ended
Separadores, dobles
Ecarteurs, doubles
Divaricatori, doppi





22.14.13
 13 cm – 5 1/8"
Parker



22.14.18
 18 cm – 7 1/8"
Parker



22.15.16
 16,5 cm – 6 1/2"
Parker-Mott

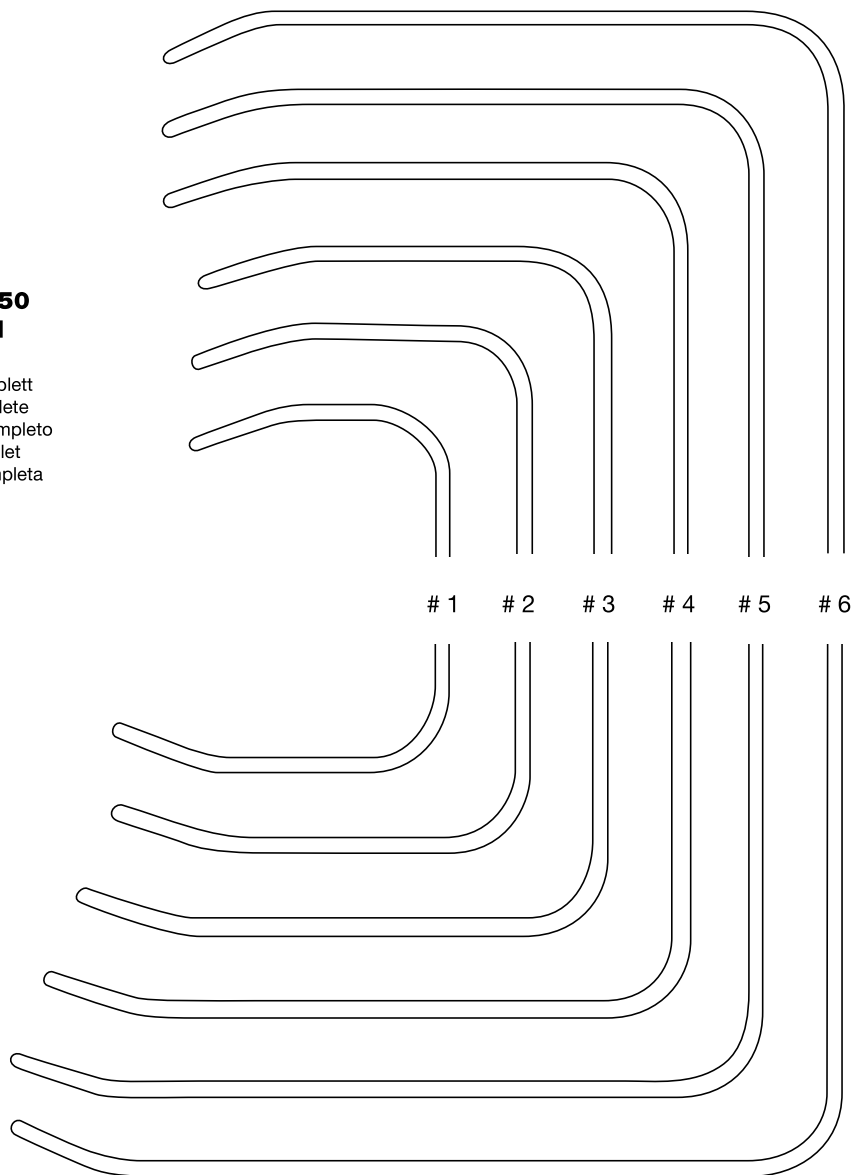


Wundhaken, doppelendig
Retractors, double-ended
Separadores, dobles
Ecarteurs, doubles
Divaricatori, doppi



22.15.50 **Sofield**

Satz komplett
 Set complete
 Juego completo
 Jeu complet
 Serie completa



1 # 2 # 3 # 4 # 5 # 6



22.15.59

22.15.51	# 1	18 cm – 7 ¹ / ₈ "	13 × 45 mm / 13 × 35 mm
22.15.52	# 2	19 cm – 7 ¹ / ₂ "	13 × 55 mm / 13 × 45 mm
22.15.53	# 3	20 cm – 8"	16 × 70 mm / 16 × 55 mm
22.15.54	# 4	21 cm – 8 ¹ / ₄ "	16 × 85 mm / 16 × 70 mm
22.15.55	# 5	22 cm – 8 ³ / ₄ "	19 × 100 mm / 19 × 80 mm
22.15.56	# 6	23 cm – 9"	19 × 110 mm / 19 × 90 mm

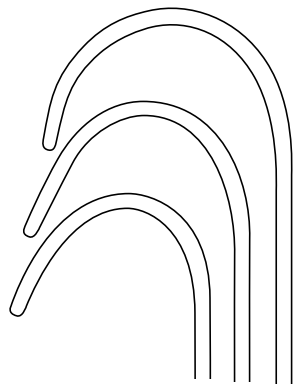
Sofield





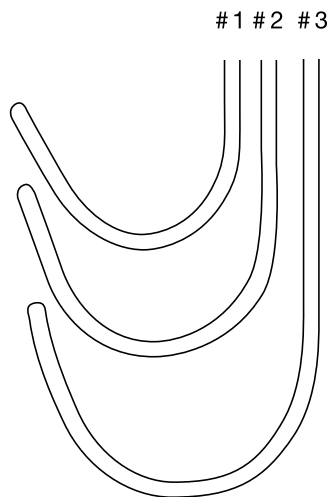
22.16.00
Roux

Satz komplett
 Set complete
 Juego completo
 Jeu complet
 Serie completa



22.16.14

1
 14,0 cm – 5½"
 22 × 20 mm
 28 × 25 mm



22.16.15

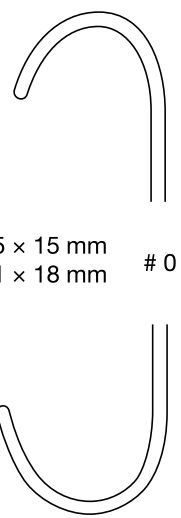
2
 15,0 cm – 6"
 26 × 23 mm
 38 × 29 mm

22.16.16

3
 16,5 cm – 6½"
 29 × 29 mm
 44 × 34 mm



22.16.13
 13 cm – 5⅛"
Roux-Baby

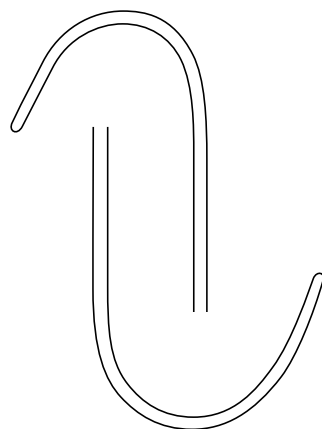


15 × 15 mm # 0
 21 × 18 mm



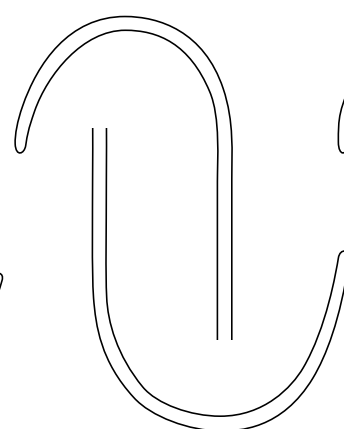
22.16.50
Roux "S"

Satz komplett
 Set complete
 Juego completo
 Jeu complet
 Serie completa



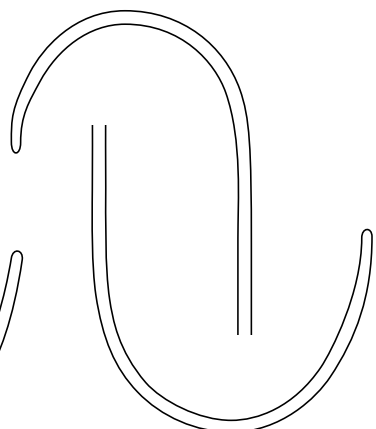
22.16.64

1
 14 cm – 5½"
 22 × 20 mm
 28 × 25 mm



22.16.65

2
 15,5 cm – 6⅛"
 26 × 23 mm
 38 × 29 mm



22.16.66

3
 16,5 cm – 6½"
 29 × 29 mm
 44 × 34 mm



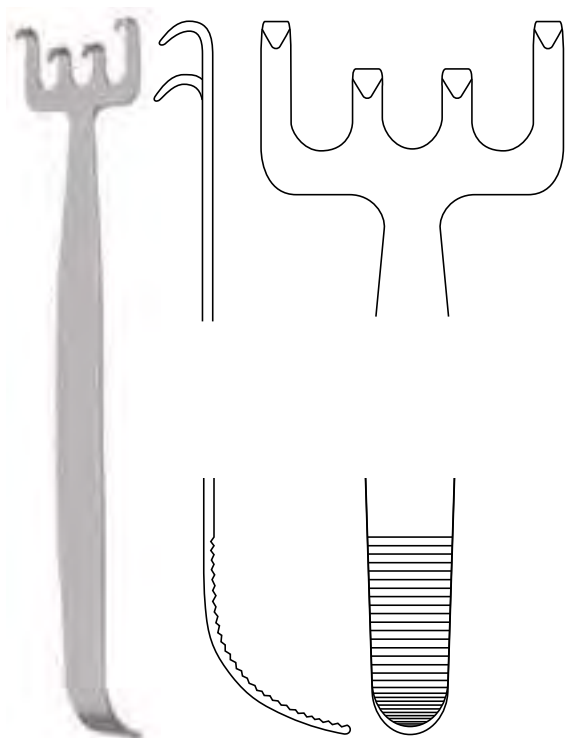
Wundhaken, doppelendig
Retractors, double-ended
Separadores, dobles
Ecarteurs, doubles
Divaricatori, doppi



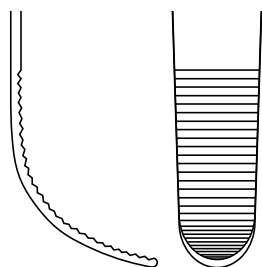
22.18.21
21 cm – 8¼"
Parker-Langenbeck
(US-Army)



22.18.71
20 cm – 8"
Mathieu



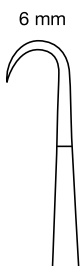
22.20.04
19 cm – 7½"
Walter



spitz
sharp
agudo
pointu
acuto



stumpf
blunt
romo
mousse
smusso



6 mm



12 cm – 4¾"
Volkman



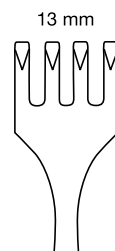
7 mm

22.26.02



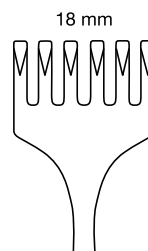
9 mm

22.26.03



13 mm

22.26.04



18 mm

22.26.06



6 mm



12 cm – 4¾"
Volkman



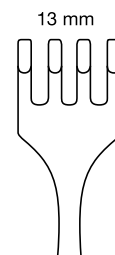
7 mm

22.27.02



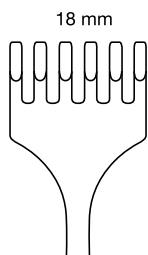
9 mm

22.27.03



13 mm

22.27.04



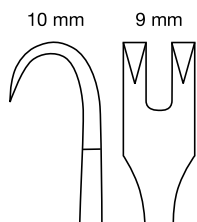
18 mm

22.27.06





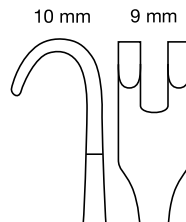
**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



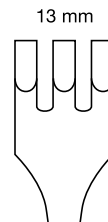
22.28.02



22.28.03



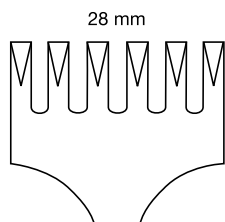
22.29.02



22.29.03



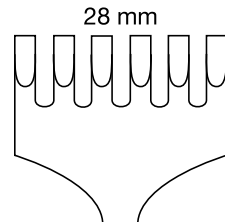
22.28.04



22.28.06



22.29.04



22.29.06



20 cm – 8"
Volkman

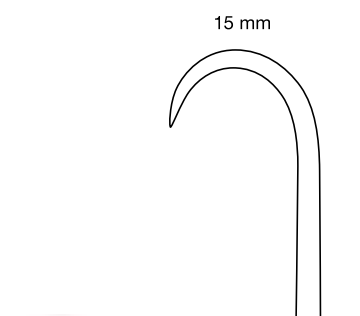
20 cm – 8"
Volkman



spitz
sharp
agudo
pointu
acuto

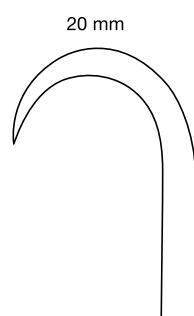


stumpf
blunt
romo
mousse
smusso



15 mm

22.30.01

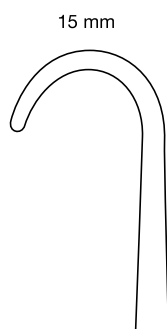


20 mm

22.34.01



21 cm – 8¹/₄"
Volkmann

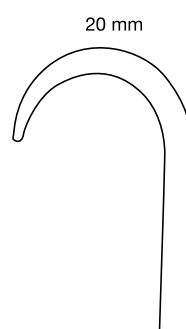


15 mm

22.31.01

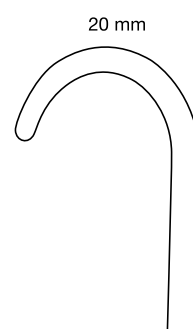


22 cm – 8³/₄"
Volkmann



20 mm

22.34.51



20 mm

22.35.01



spitz
sharp
agudo
pointu
acuto



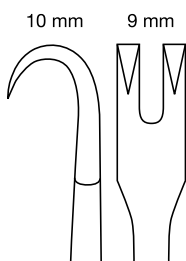
stumpf
blunt
romo
mousse
smusso



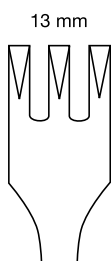
halbscharf
semi sharp
semi agudo
semi pointu
semi acuto



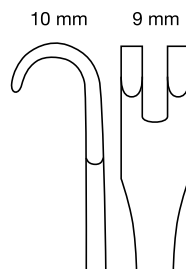
**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



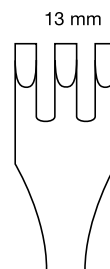
22.30.02



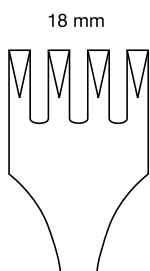
22.30.03



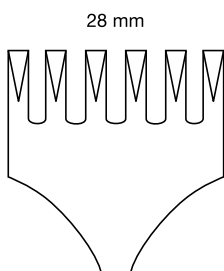
22.31.02



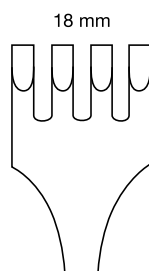
22.31.03



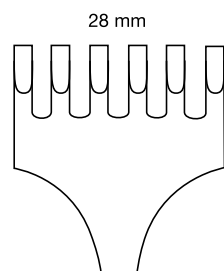
22.30.04



22.30.06



22.31.04



22.31.06



21 cm – 8¼"
Volkman

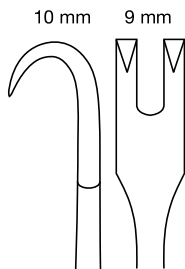
21 cm – 8¼"
Volkman



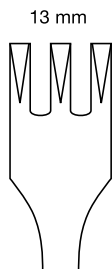
spitz
sharp
agudo
pointu
acuto



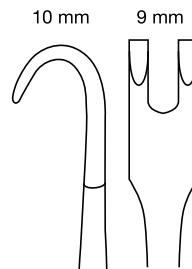
stumpf
blunt
romo
mousse
smusso



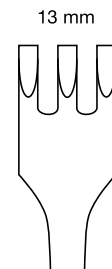
22.34.02



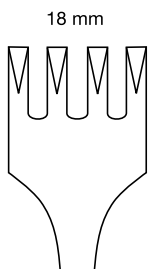
22.34.03



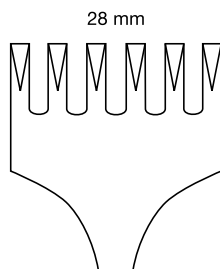
22.34.52



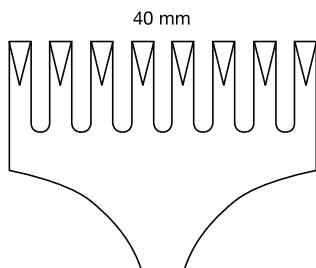
22.34.53



22.34.04



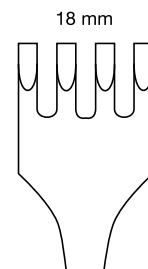
22.34.06



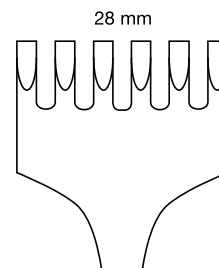
22.34.08



22 cm – 8¾"
Volkman



22.34.54



22.34.56



22 cm – 8¾"
Volkman



spitz
sharp
agudo
pointu
acuto



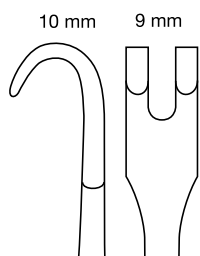
stumpf
blunt
romo
mousse
smusso



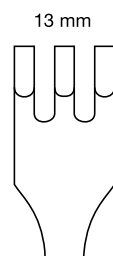
halbscharf
semi sharp
semi agudo
semi pointu
semi acuto



**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



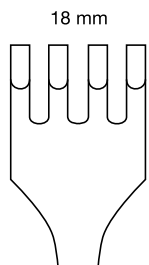
22.35.02



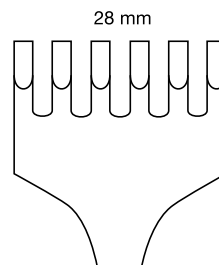
22.35.03



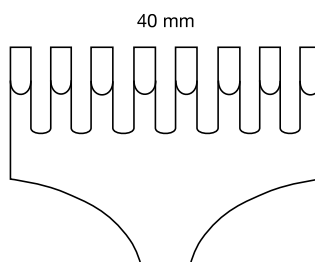
22 cm – 8¾"
Volkman



22.35.04



22.35.06



22.35.08



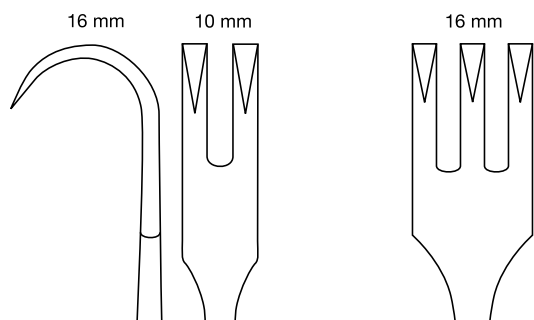
spitz
sharp
agudo
pointu
acuto



stumpf
blunt
romo
mousse
smusso

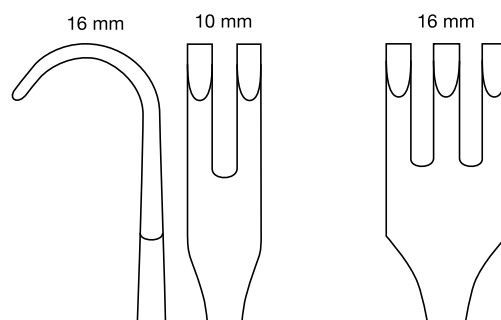


22



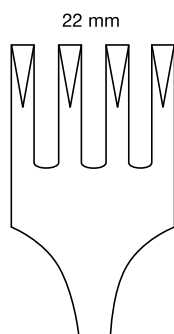
22.36.02

22.36.03

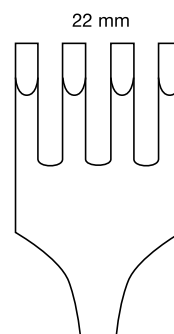


22.37.02

22.37.03



22.36.04



22.37.04



22 cm – 8¾"
Volkmann

22 cm – 8¾"
Volkmann



spitz
sharp
agudo
pointu
acuto



stumpf
blunt
romo
mousse
smusso



**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



22.42.01



22 cm – 8¾"
Kocher

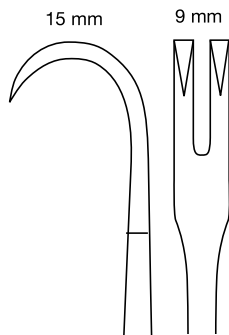


22.43.01

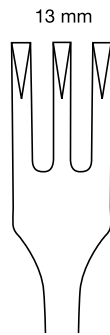


22 cm – 8¾"
Kocher

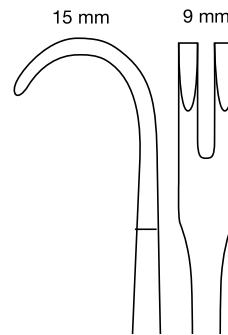




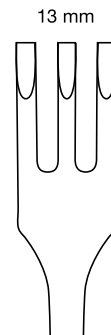
22.42.02



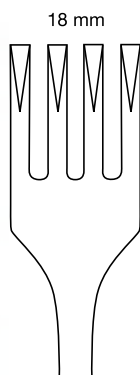
22.42.03



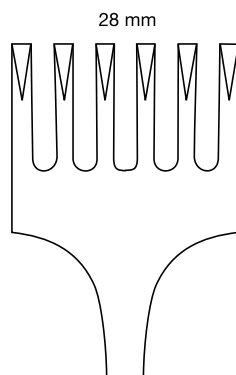
22.43.02



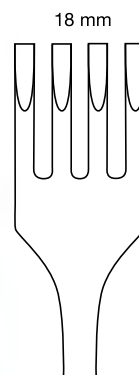
22.43.03



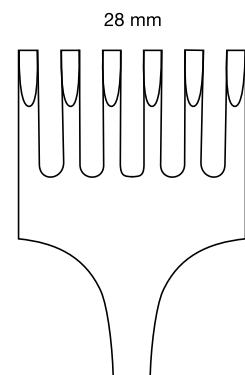
22.42.04



22.42.06



22.43.04



22.43.06



22 cm – 8¾"
Kocher

22 cm – 8¾"
Kocher



spitz
sharp
agudo
pointu
acuto

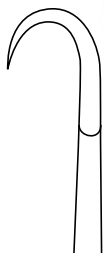


stumpf
blunt
romo
mousse
smusso



**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**

9 mm

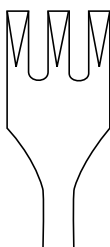


9 mm



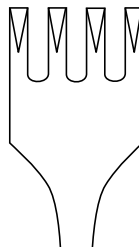
22.50.02

13 mm



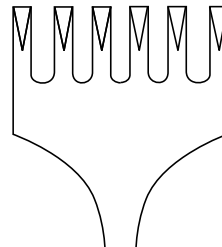
22.50.03

18 mm



22.50.04

28 mm



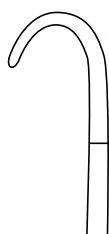
22.50.06



19,5 cm – 7¾"

Murphy

9 mm

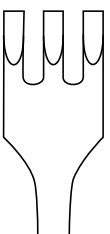


9 mm



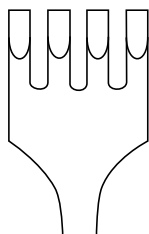
22.51.02

13 mm



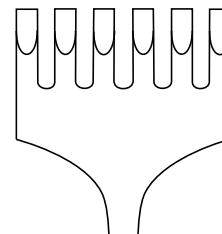
22.51.03

18 mm



22.51.04

28 mm



22.51.06



19,5 cm – 7¾"

Murphy



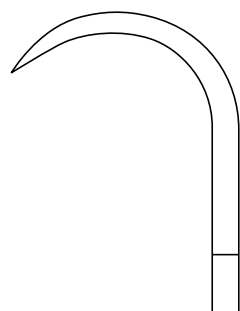
spitz
sharp
agudo
pointu
acuto



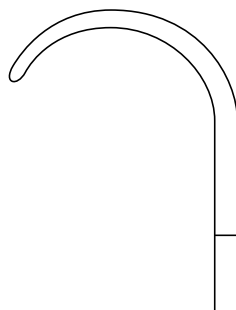
stumpf
blunt
romo
mousse
smusso



24 cm – 9½"
Koerte



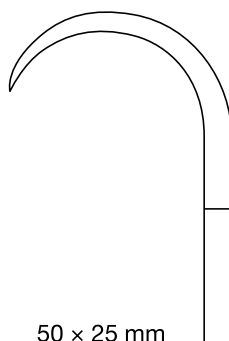
22.56.08
40 × 28 mm



22.56.18
40 × 28 mm



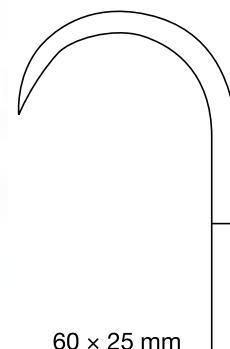
22.58.06
24 cm – 9½"



50 × 25 mm



22.58.08
25 cm – 10"



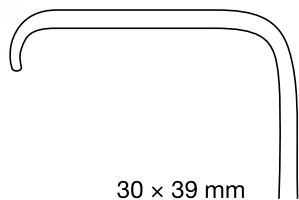
60 × 25 mm



**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



22.70.02
22 cm – 8¾"
Ollier



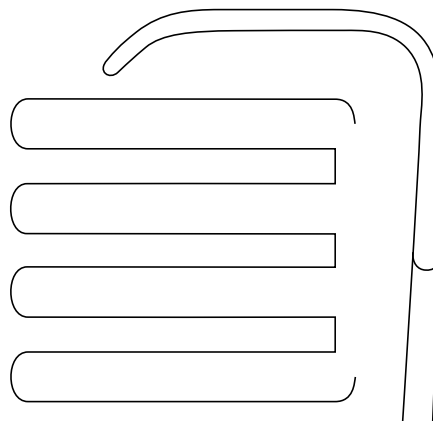
30 × 39 mm



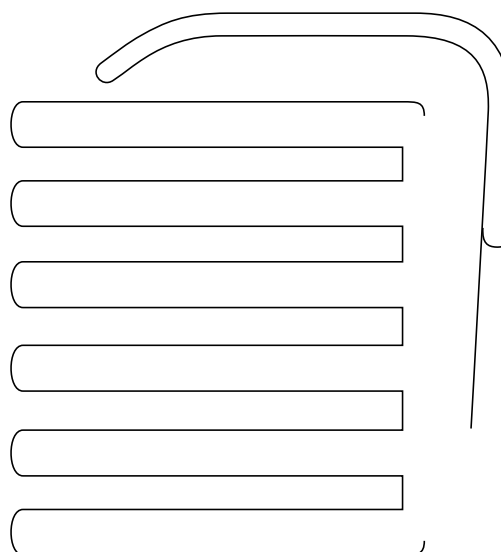
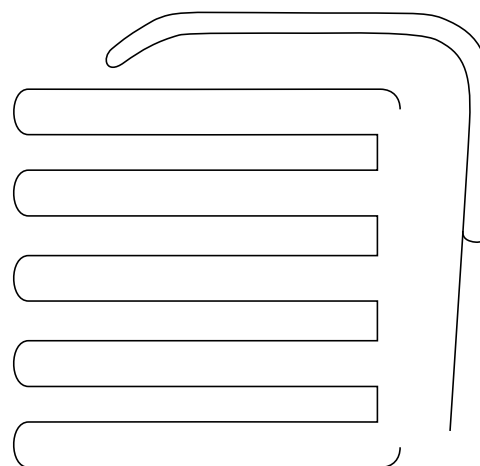
25 cm – 10"
Israel

22.72.06
60 × 50 mm

22.72.04
40 × 40 mm



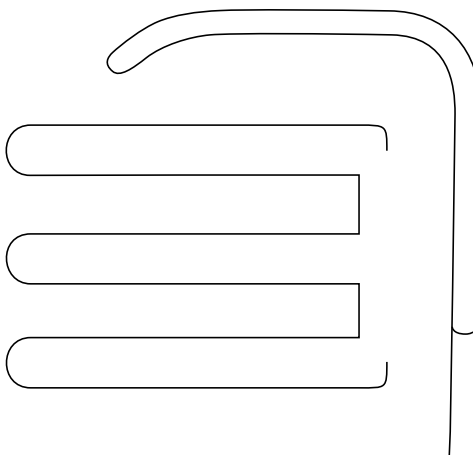
22.72.05
50 × 45 mm



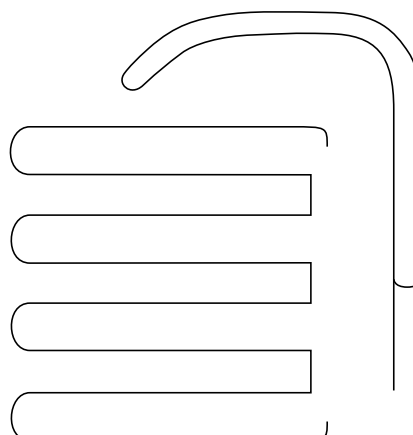


25 cm – 10"
Billroth

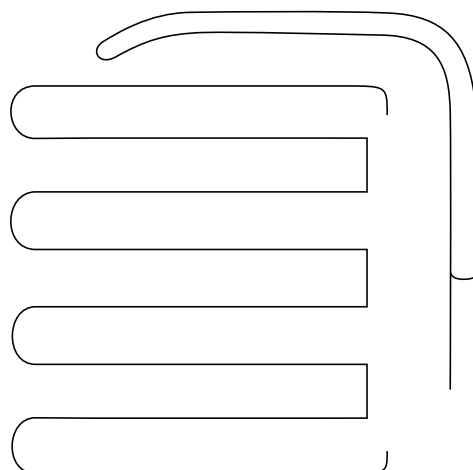
22.73.03
35 × 43 mm



22.73.04
40 × 35 mm



22.73.14
50 × 45 mm





**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



23.03.06
19,5 cm – 7¾"
Lahey



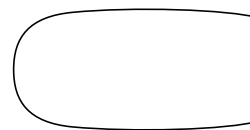
21 cm – 8¼"
Langenbeck



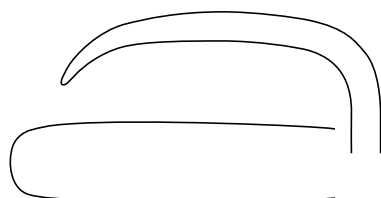
23.05.10
10 × 28 mm



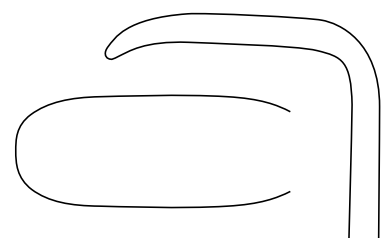
23.05.14
14 × 28 mm



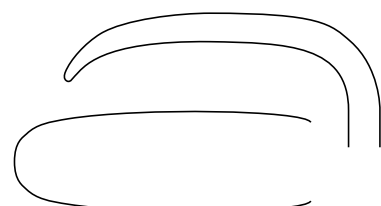
23.05.16
16 × 28 mm



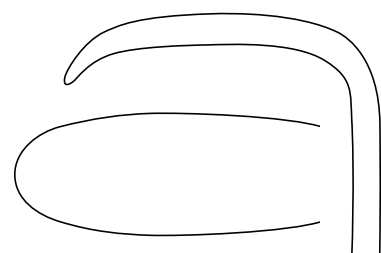
23.06.10
10 × 40 mm



23.06.12
14 × 33 mm

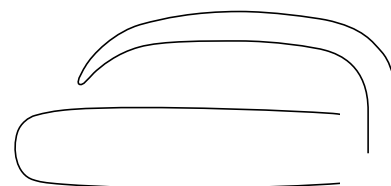


23.06.13
13 × 42 mm

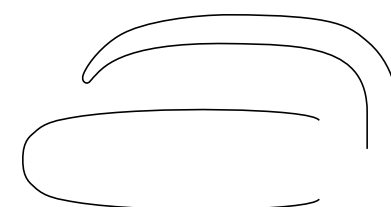


23.06.16
16 × 42 mm

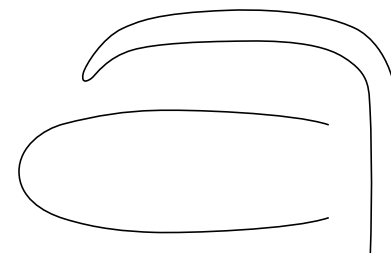
21 cm – 8¼"
Langenbeck



23.07.10
10 × 40 mm



23.07.13
13 × 42 mm



23.07.16
16 × 42 mm

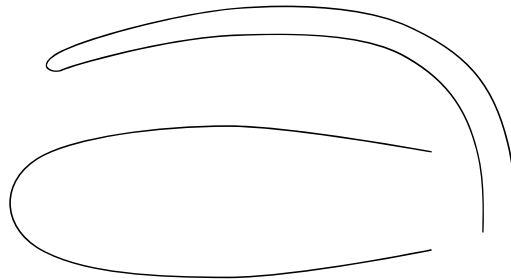
21 cm – 8¼"
Langenbeck



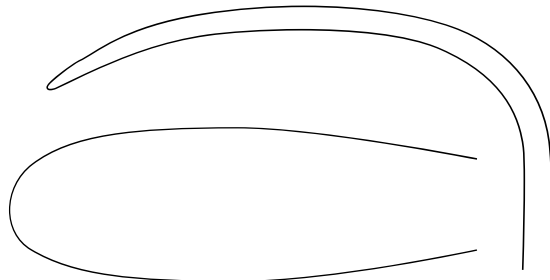
**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



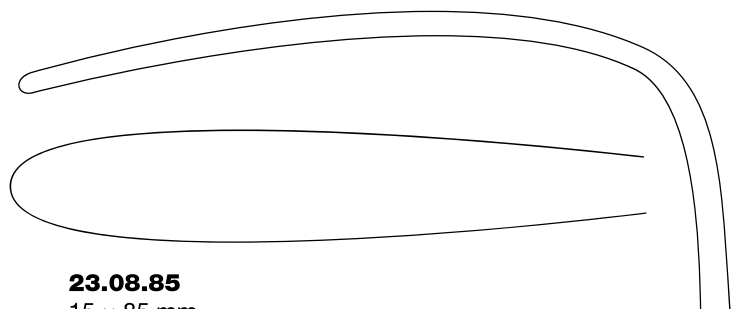
21 cm – 8 1/4"
Langenbeck



23.08.55
20 × 55 mm



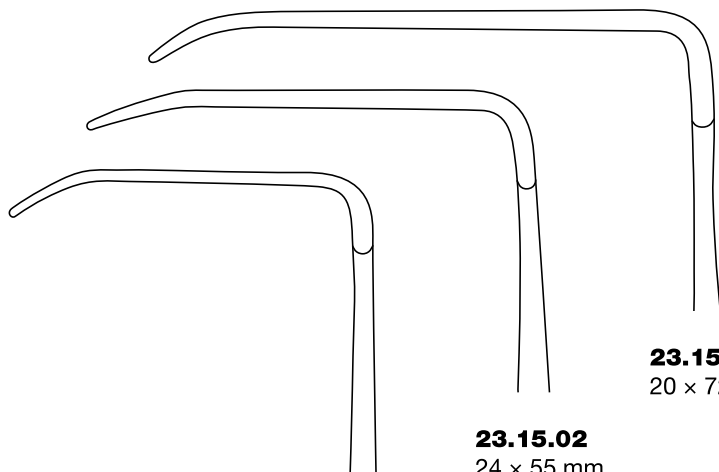
23.08.63
20 × 63 mm



23.08.85
15 × 85 mm



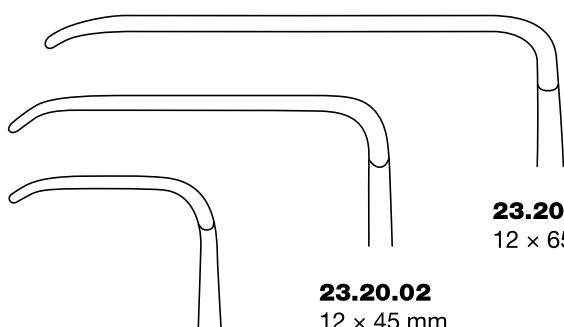
23 cm – 9"
Sauerbruch



23.15.01
18 × 45 mm

23.15.02
24 × 55 mm

23.15.03
20 × 72 mm



23.20.01
8 × 25 mm

23.20.02
12 × 45 mm

23.20.03
12 × 65 mm



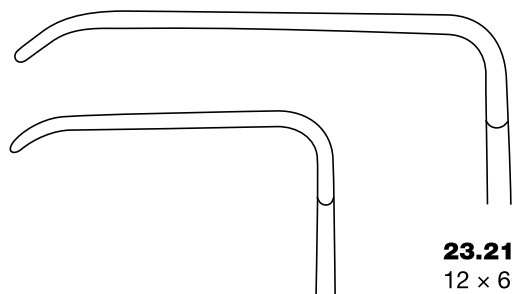
21 cm – 8¼"
Kocher



**Wundhaken
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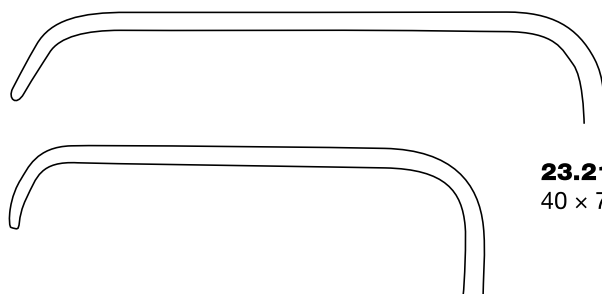


22 cm – 8³/₄"
Kocher

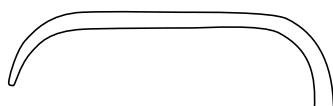


23.21.01
12 x 40 mm

23.21.02
12 x 60 mm



23.21.40
40 x 75 mm



23.21.18
18 x 40 mm

23.21.20
20 x 60 mm

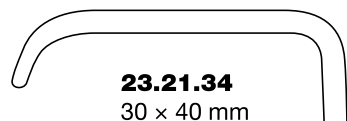
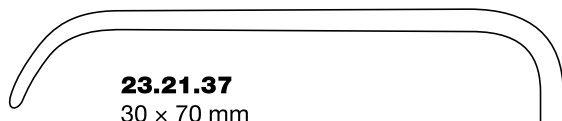
23.21.25
25 x 60 mm

23.21.30
30 x 60 mm

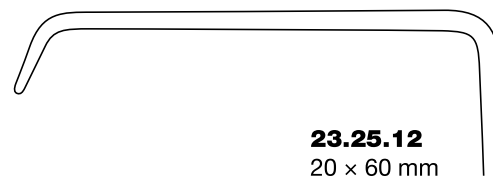
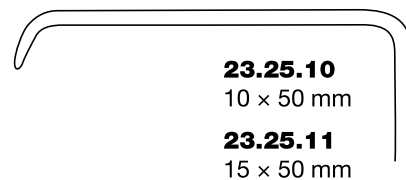
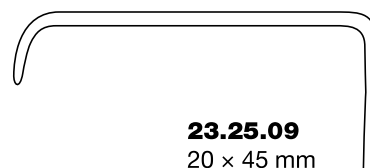
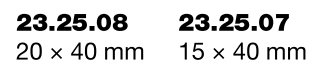
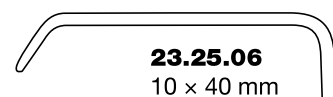
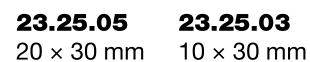
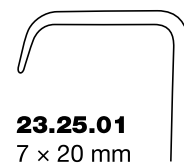


23 cm – 9"
Kocher



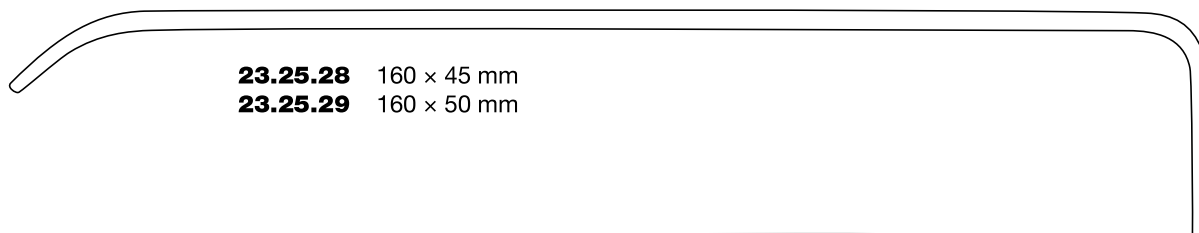


21 cm - 8 1/4"
**Langenbeck-
Kocher**



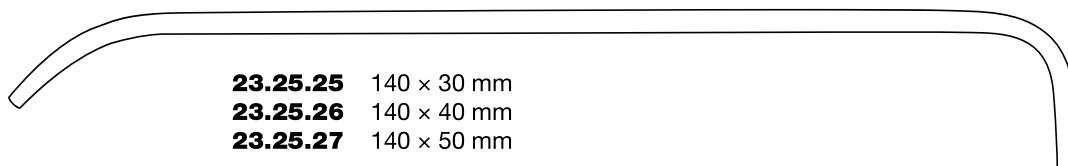


**Wundhaken
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23.25.28 160 × 45 mm

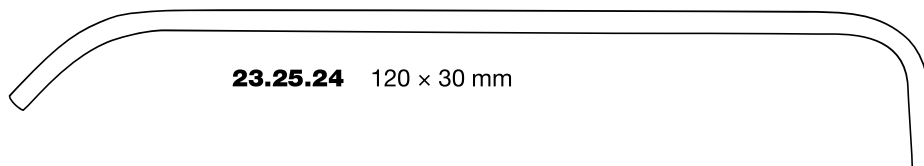
23.25.29 160 × 50 mm



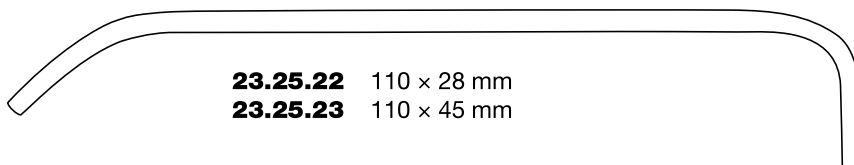
23.25.25 140 × 30 mm

23.25.26 140 × 40 mm

23.25.27 140 × 50 mm

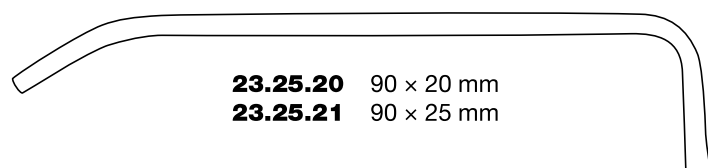


23.25.24 120 × 30 mm



23.25.22 110 × 28 mm

23.25.23 110 × 45 mm



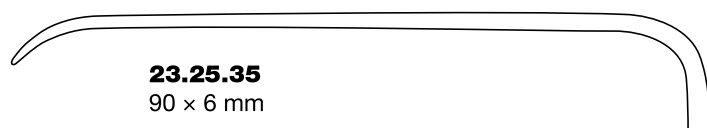
23.25.20 90 × 20 mm

23.25.21 90 × 25 mm

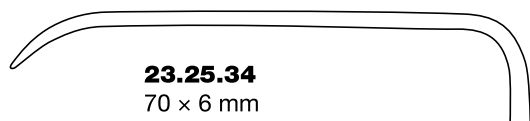


24 cm – 9½"

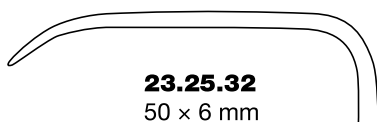
für vordere Spondylosen Operationen
for anterior spondylosis operations
para intervenciones anteriores de spondilosis
pour opérations de spondyloses antérieures
per interventi di spondilosi anteriori



23.25.35
90 × 6 mm



23.25.34
70 × 6 mm



23.25.32
50 × 6 mm



Gelenkhaken,
ovale abgerundete Blätter

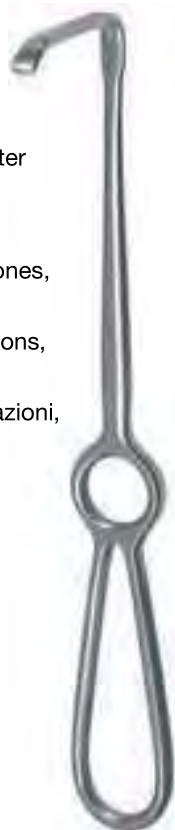
Joint retractor,
oval rounded blades

Gancho para articulaciones,
valvas ovaladas romas

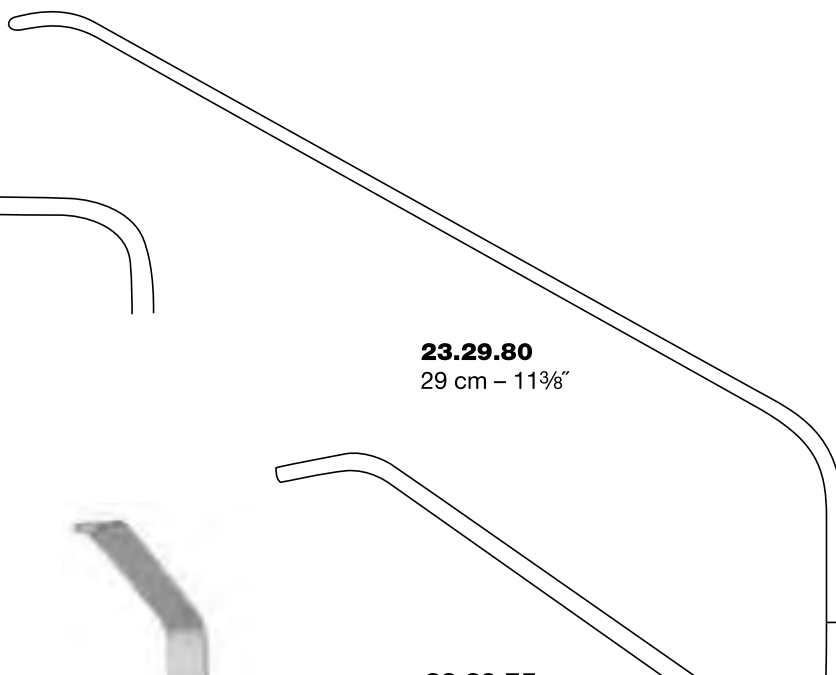
Crochets pour articulations,
lames ovales arrondies

Divaricatore per articolazioni,
lame ovali arrotondate

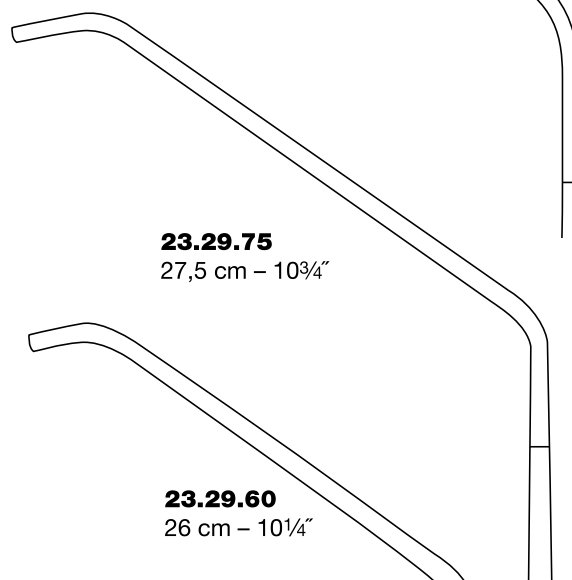
konisch zulaufende Spitze
conical tip
punta conica
pointe conique
punta conica



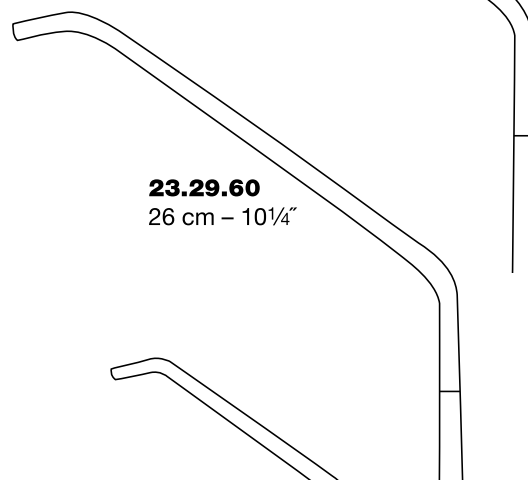
22 cm – 8¾"



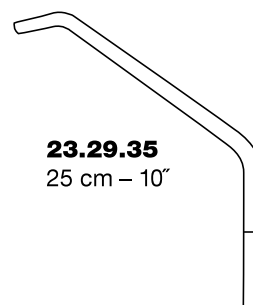
23.29.80
29 cm – 11⅜"



23.29.75
27,5 cm – 10¾"



23.29.60
26 cm – 10¼"



23.29.35
25 cm – 10"



Zenker

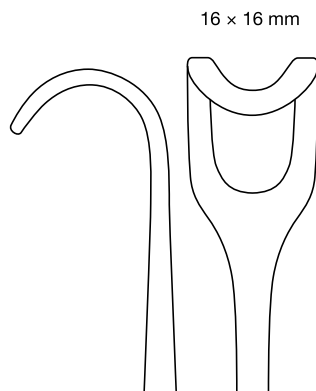


**Wundhaken
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1

Mideid Dorf



16 x 16 mm

19,5 cm – 7¾"

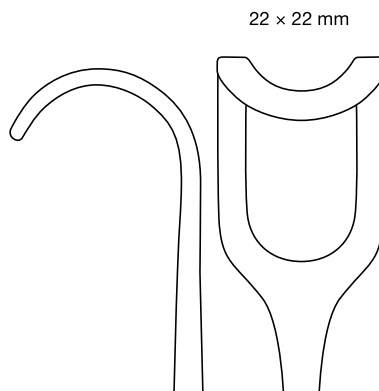
1

23.33.01

20,5 cm – 8"

2

23.33.11



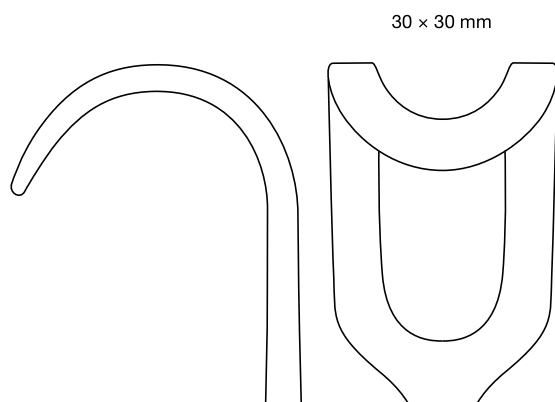
22 x 22 mm

20,5 cm – 8"

23.33.02

22,5 cm – 9"

23.33.12



30 x 30 mm

1

23 cm – 9"

23.33.03

2

23,5 cm – 9¼"

23.33.13



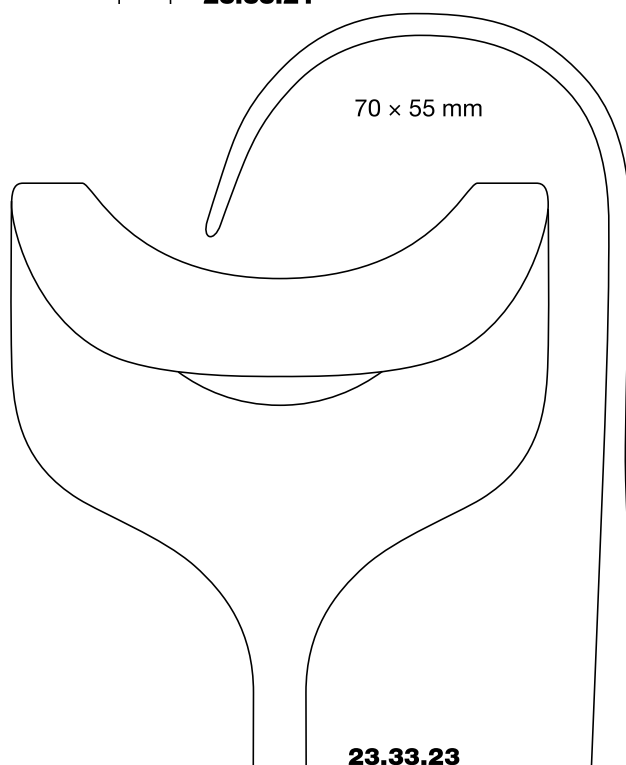
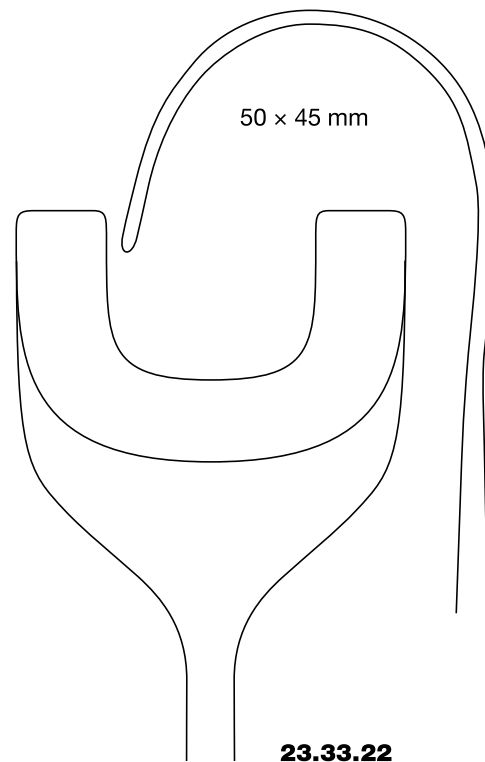
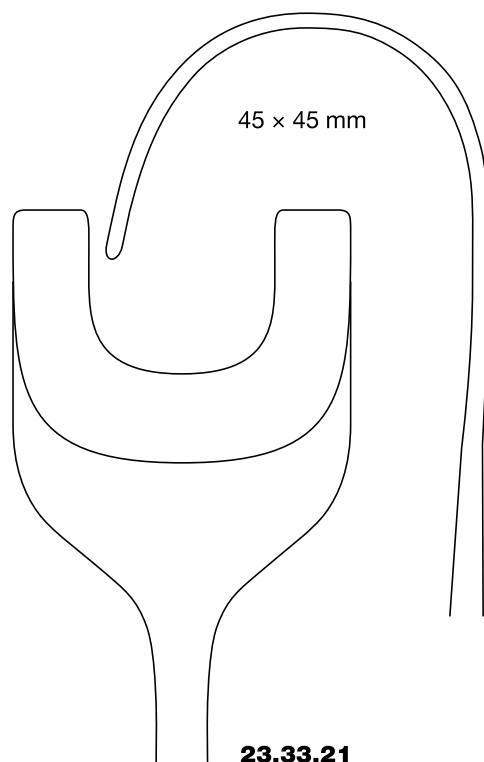
2

Mideid Dorf



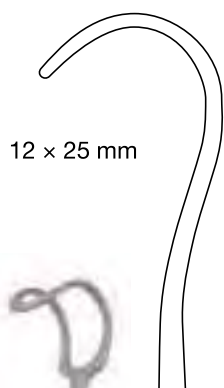


25 cm – 10"
Middelдорф





**Wundhaken
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12 x 25 mm



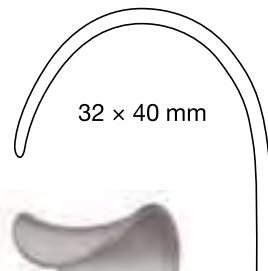
23.35.12
23 cm – 9"
Green



50 x 55 mm



23.37.20
22,5 cm – 9"
Morris



32 x 40 mm

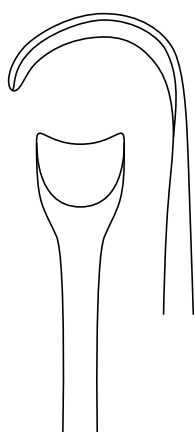


25 x 32 mm

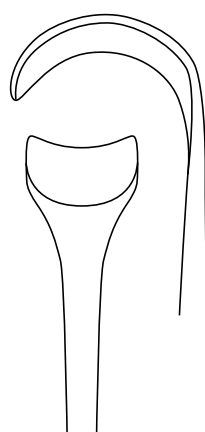
23.37.52
19 cm – 7½"
Goelet



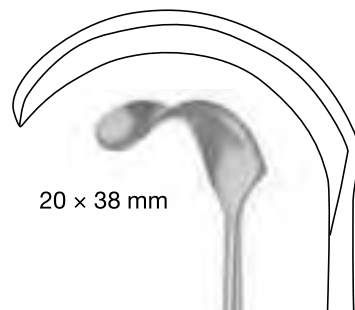
20 cm – 8"
Kocher



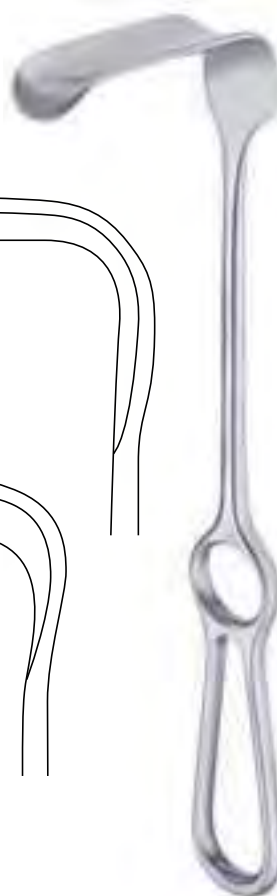
23.40.01
12 x 19 mm



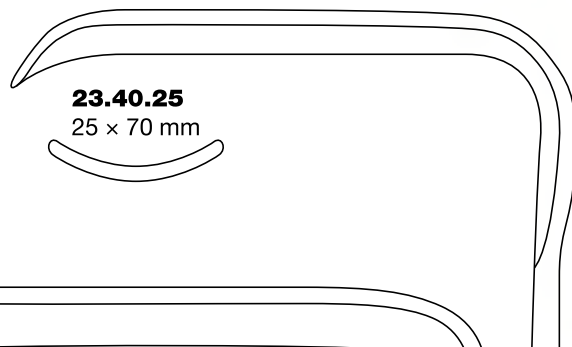
23.40.02
15 x 21 mm



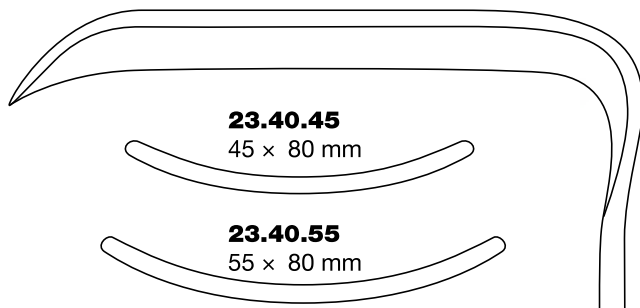
20 x 38 mm



23.40.20
23 cm – 9"
Kocher

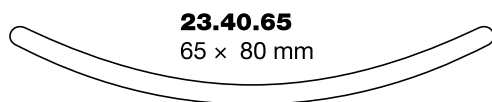


23.40.25
25 x 70 mm



23.40.45
45 x 80 mm

23.40.55
55 x 80 mm

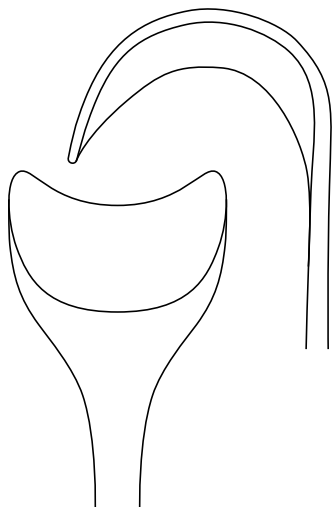


23.40.65
65 x 80 mm

25,5 cm – 10"
Kocher



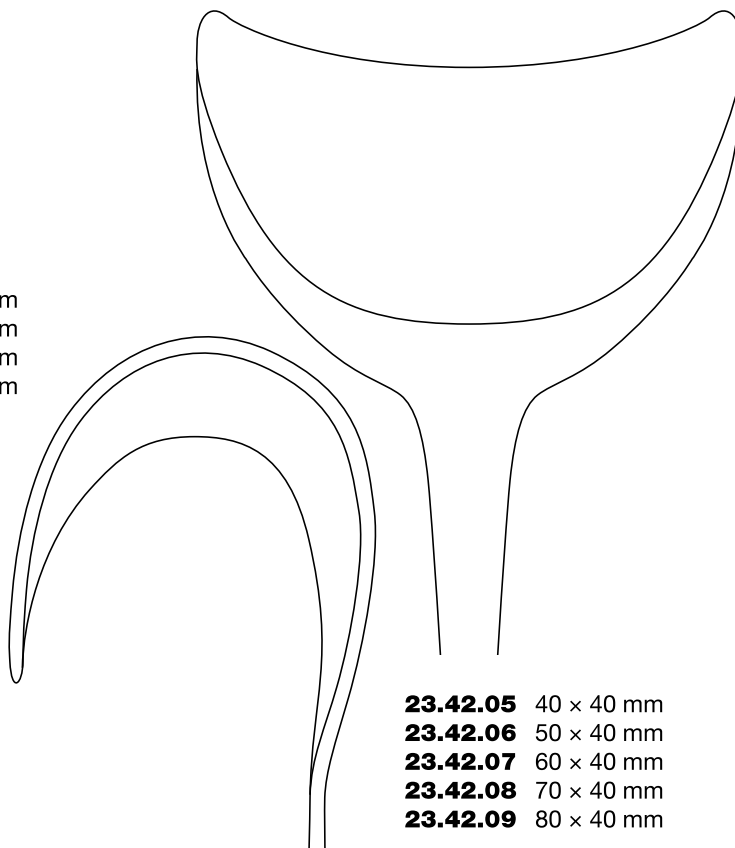
**Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori**



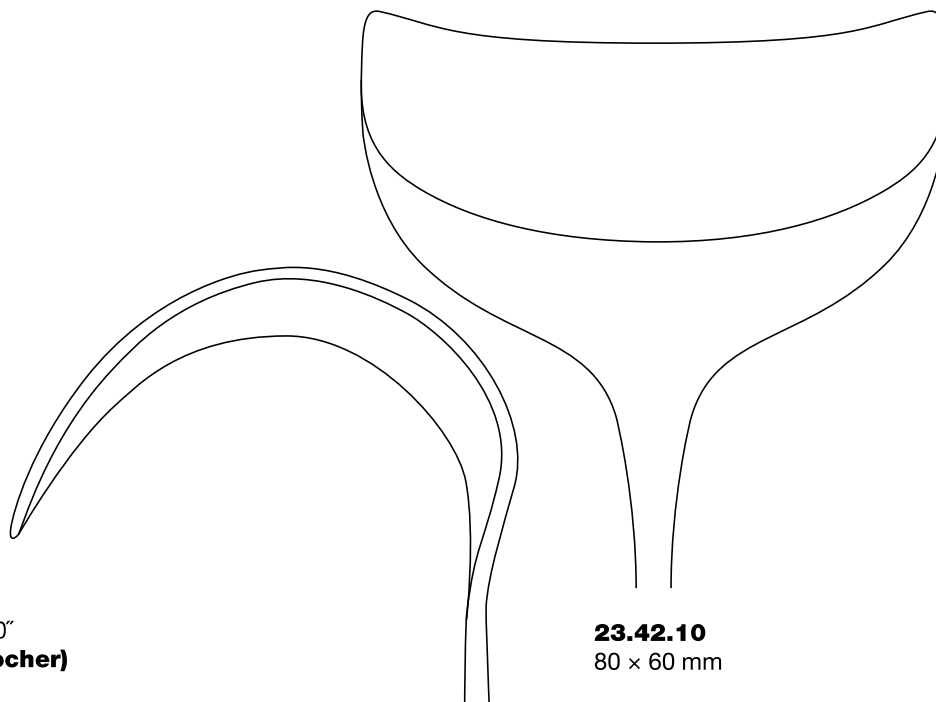
- 23.42.01** 10 × 30 mm
- 23.42.02** 15 × 30 mm
- 23.42.03** 20 × 30 mm
- 23.42.04** 30 × 30 mm



25,5 cm – 10"
Fritsch (Kocher)



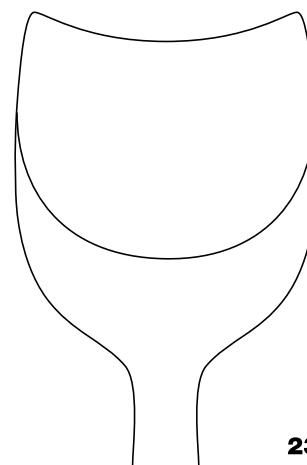
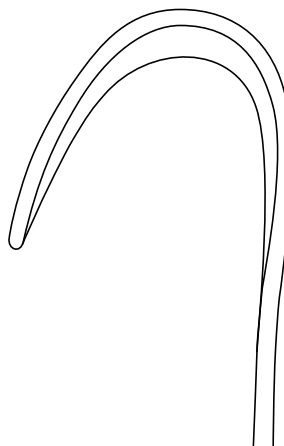
- 23.42.05** 40 × 40 mm
- 23.42.06** 50 × 40 mm
- 23.42.07** 60 × 40 mm
- 23.42.08** 70 × 40 mm
- 23.42.09** 80 × 40 mm



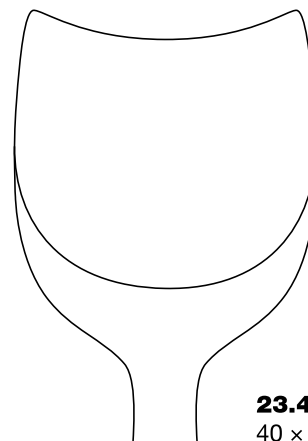
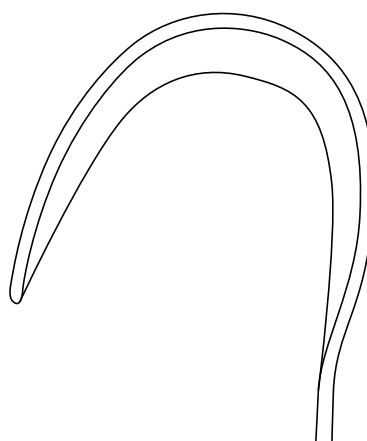
23.42.10
80 × 60 mm



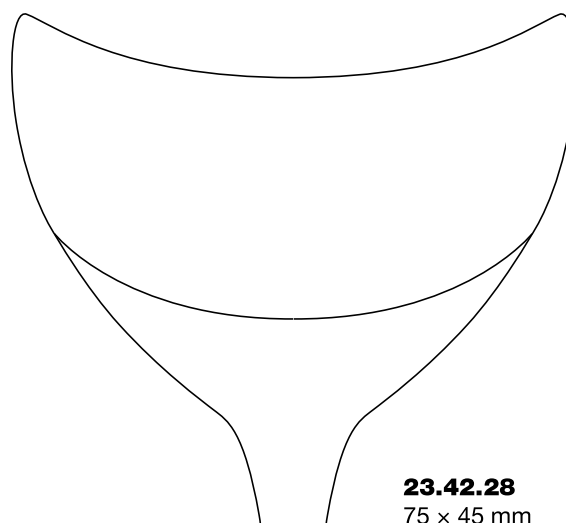
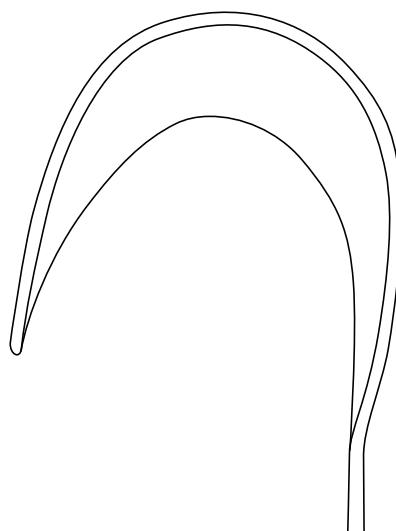
25,5 cm – 10"
Fritsch



23.42.24
40 x 30 mm



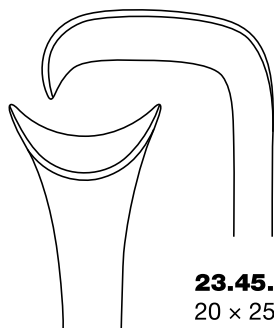
23.42.25
40 x 40 mm



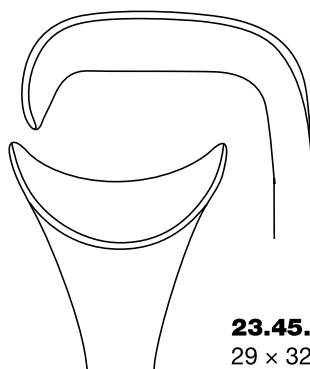
23.42.28
75 x 45 mm



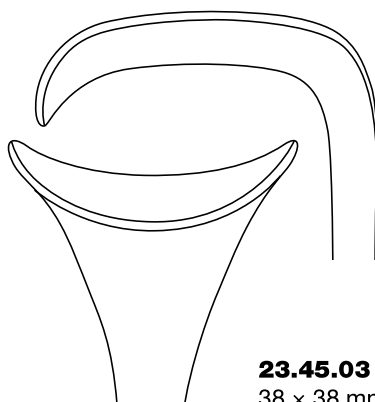
24 cm – 9½"
Richardson



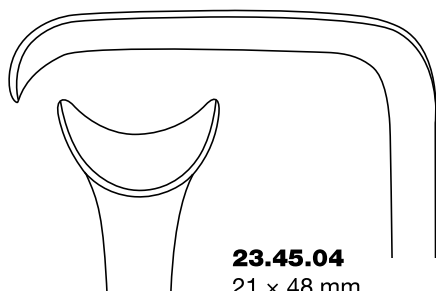
23.45.01
20 × 25 mm



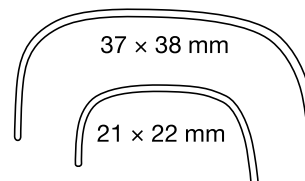
23.45.02
29 × 32 mm



23.45.03
38 × 38 mm



23.45.04
21 × 48 mm



37 × 38 mm

21 × 22 mm

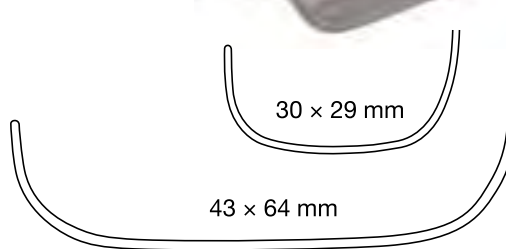
**23.45.50
Richardson-Eastman**

Satz komplett
Set complete
Juego completo
Jeu complet
Serie completa



23.45.51
26 cm – 10¼"

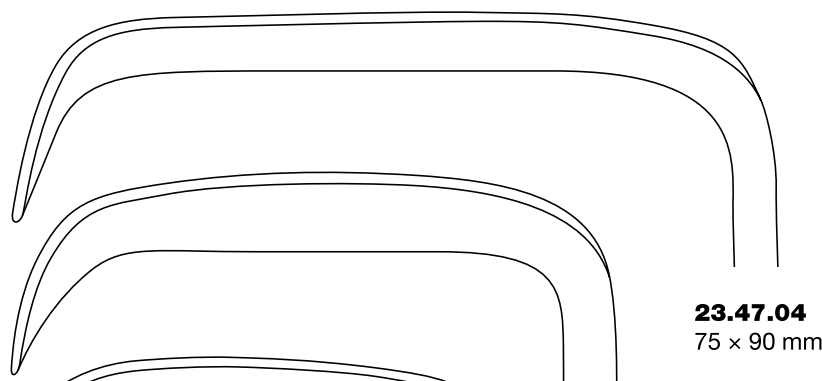
23.45.52
28 cm – 11"



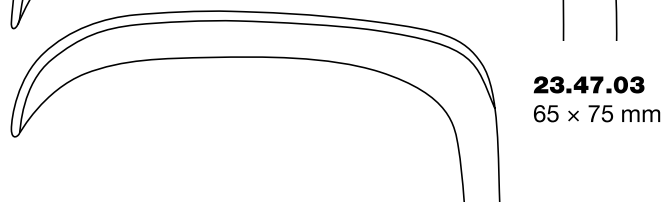
30 × 29 mm

43 × 64 mm





23.47.04
75 × 90 mm



23.47.03
65 × 75 mm



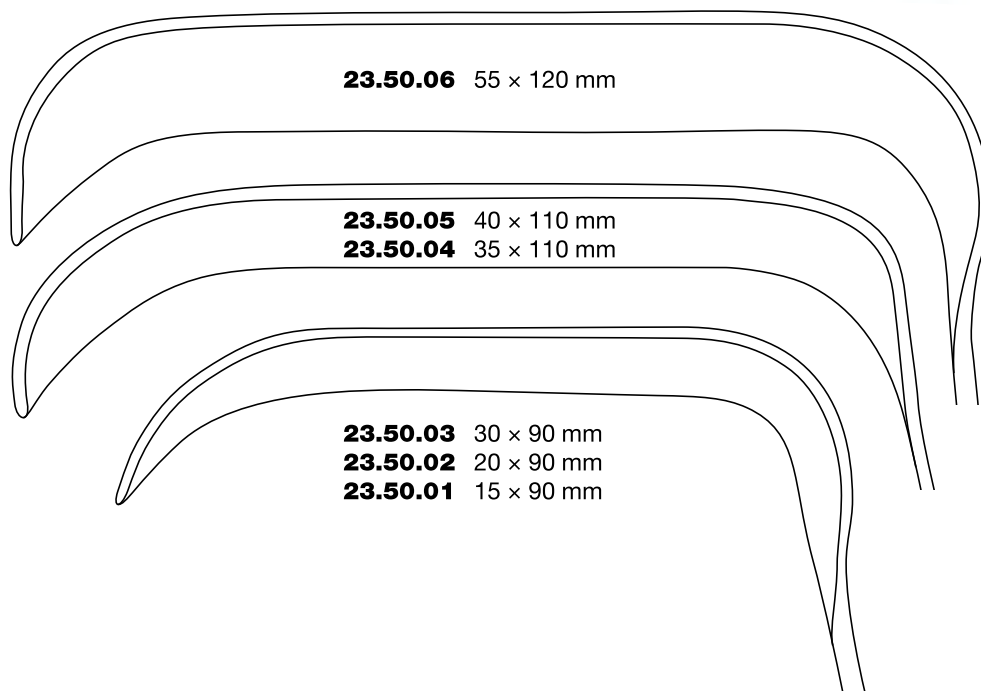
23.47.02
50 × 65 mm



23.47.01
40 × 50 mm



24 cm – 9½"
Doyen-Stillie



23.50.06 55 × 120 mm

23.50.05 40 × 110 mm

23.50.04 35 × 110 mm

23.50.03 30 × 90 mm

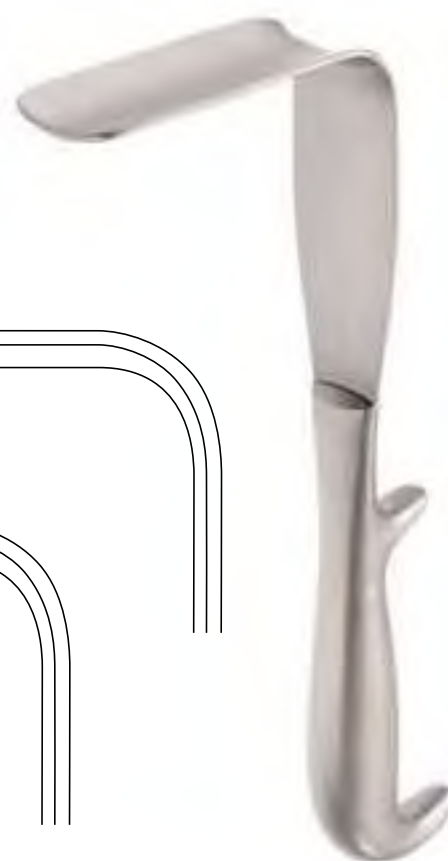
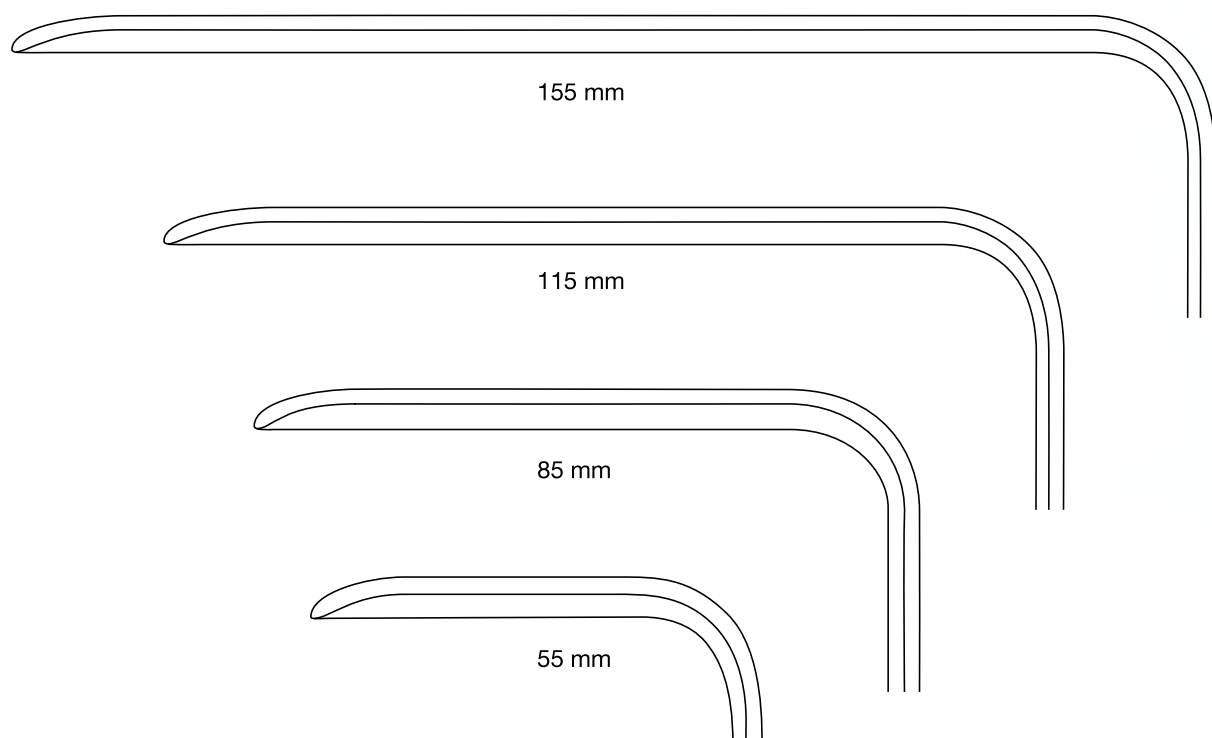
23.50.02 20 × 90 mm

23.50.01 15 × 90 mm

25 cm – 10"
Kelly



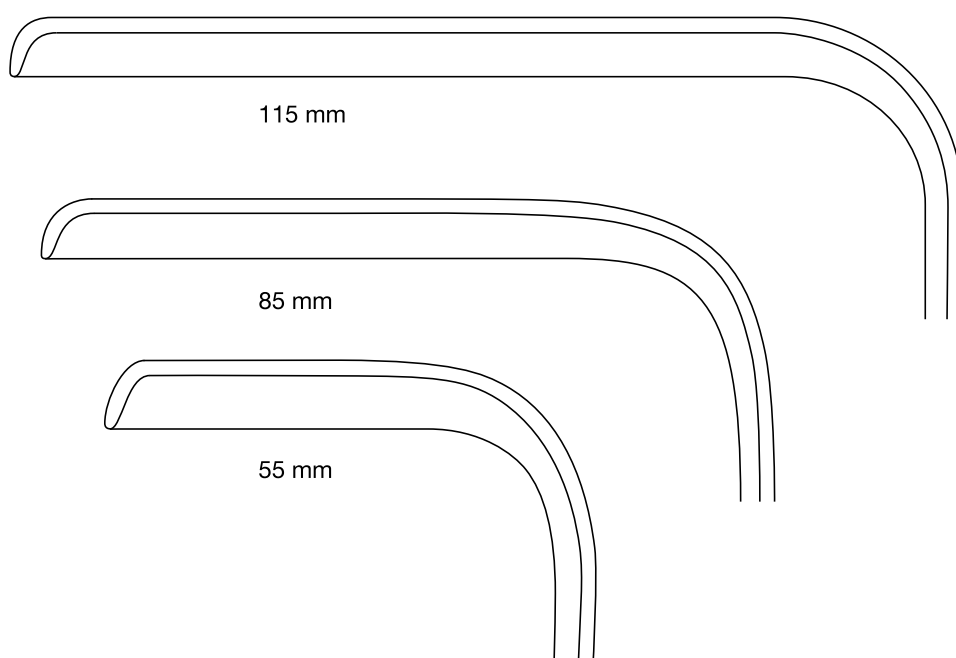
**Wundhaken
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24 cm – 9½"
Doyen

35 mm	23.54.31	23.54.32	23.54.33	
45 mm	23.54.41	23.54.42	23.54.43	23.54.44
60 mm	23.54.61	23.54.62	23.54.63	23.54.64



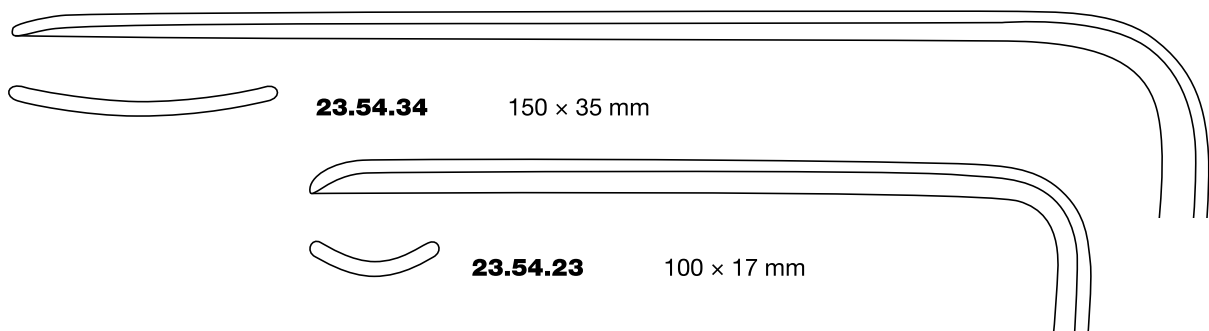


24 cm – 9½"
Doyen

35 mm	23.55.31	23.55.32	23.55.33
45 mm	23.55.41	23.55.42	23.55.43
60 mm	23.55.61	23.55.62	23.55.63



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23.54.34

150 × 35 mm

23.54.23

100 × 17 mm



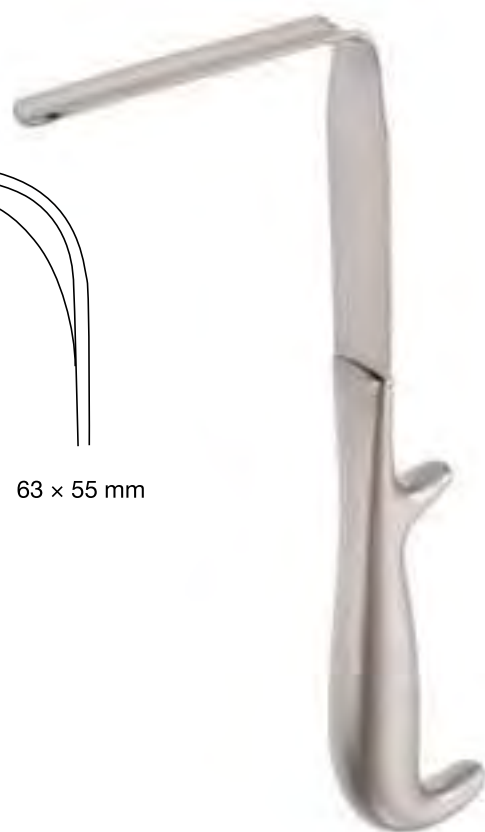
85 × 40 mm

23.55.80
23 cm – 9"
Doyen



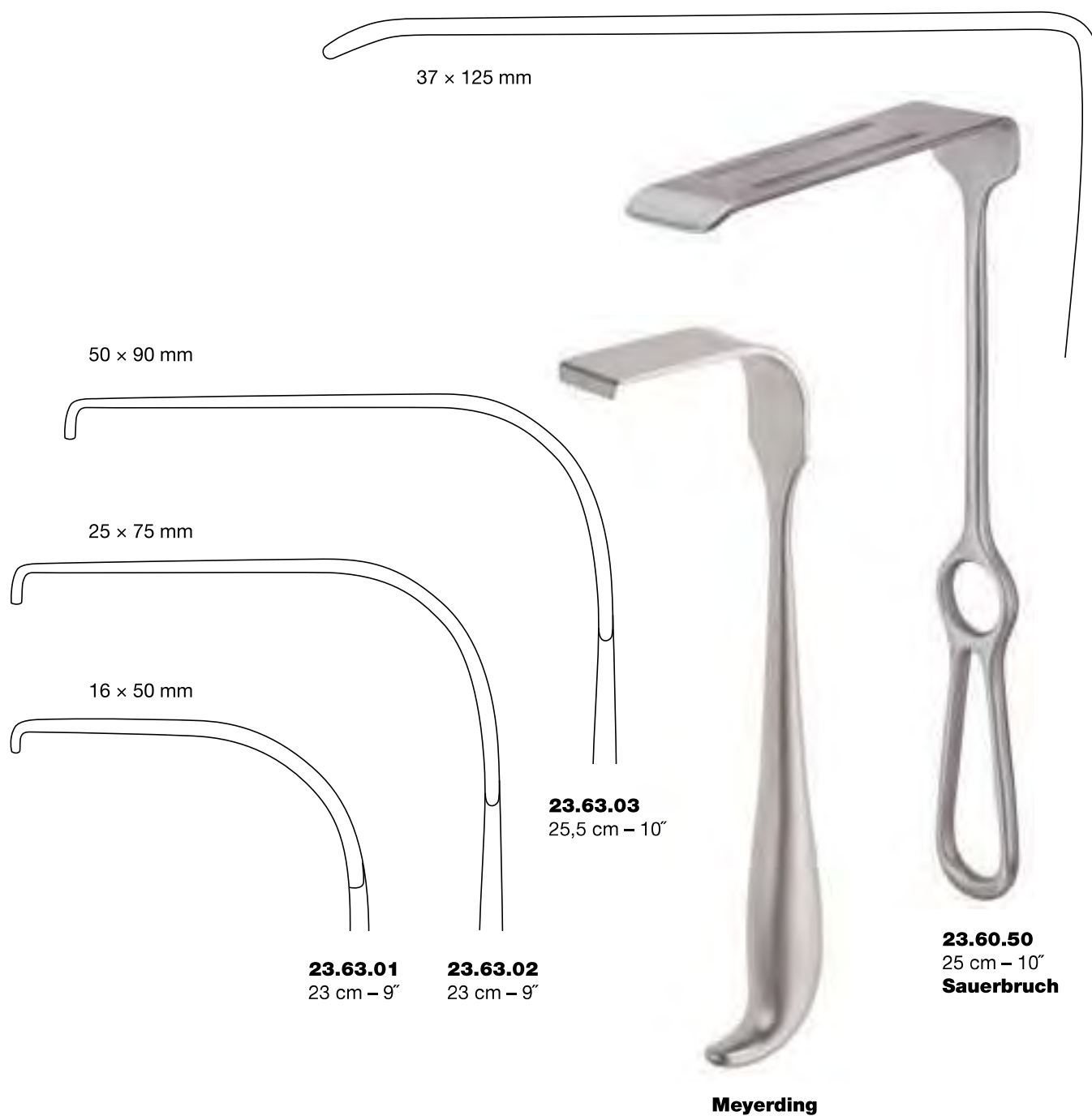
63 × 55 mm

23.55.90
23 cm – 9"
Tuffier



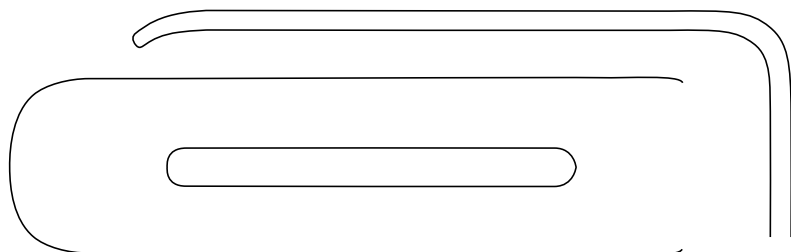
23 cm – 9"
Doyen



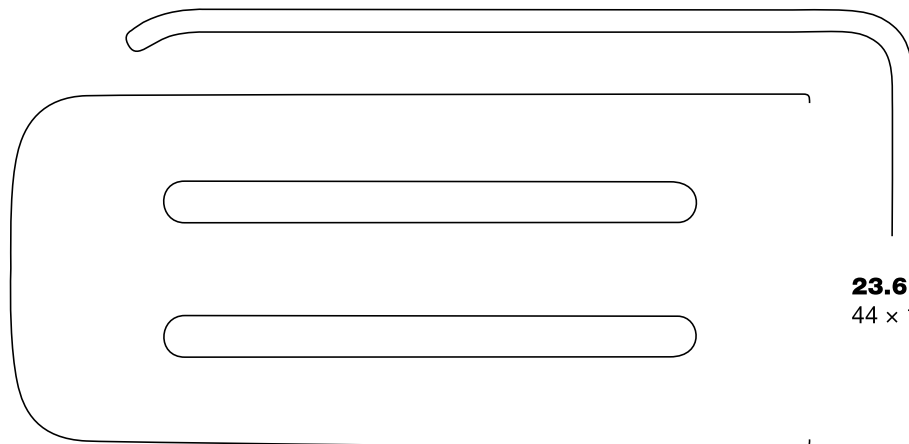




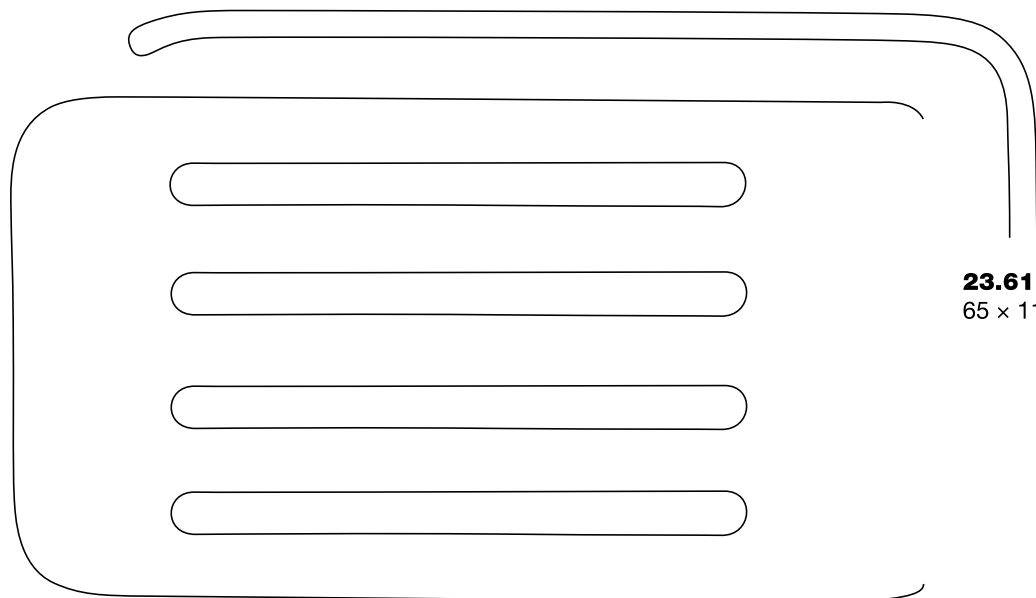
**Wundhaken
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23.61.01
23 x 85 mm



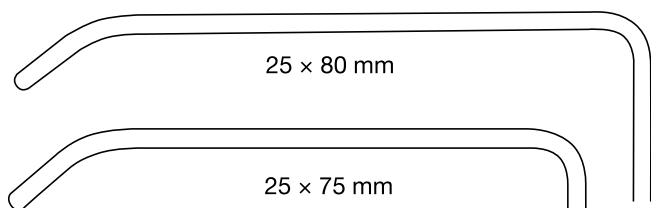
23.61.02
44 x 105 mm



23.61.03
65 x 115 mm



23 cm – 9"
Coryllos



23.63.82
24 cm – 9½"

23.63.81
23 cm – 9"



23.63.80
Hibbs

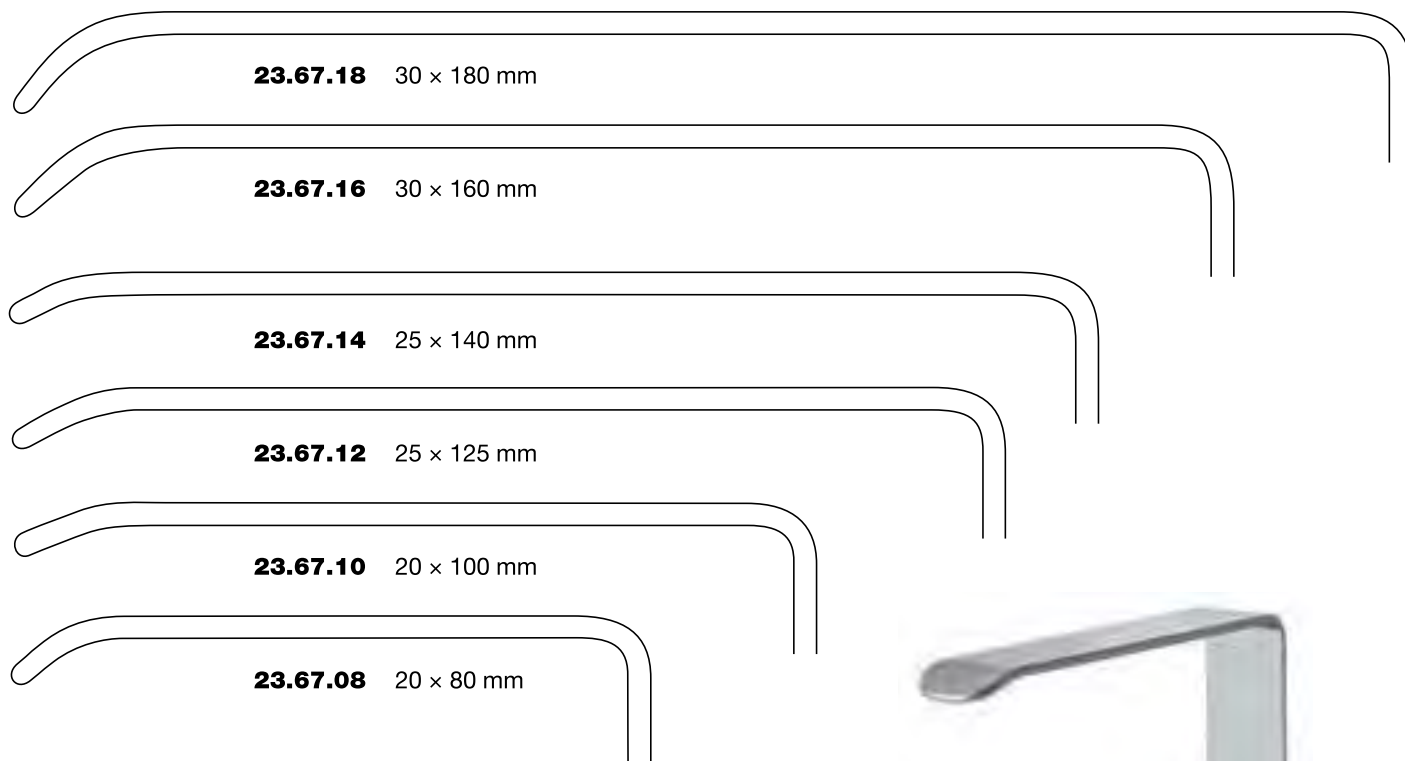
Satz komplett
Set complete
Juego completo
Jeu complet
Serie completa



23.69.05
25,5 cm – 10"
Mikulicz

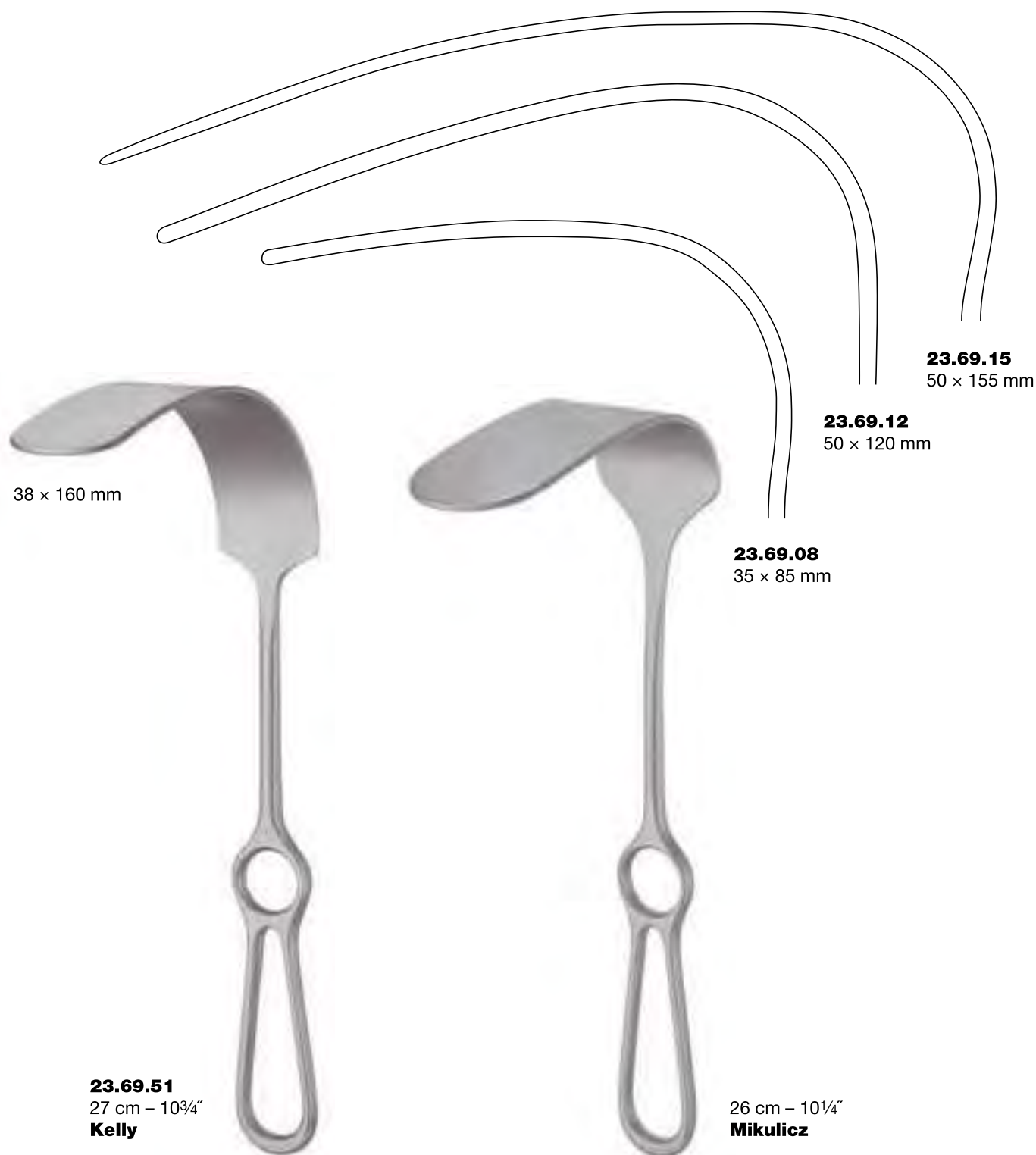


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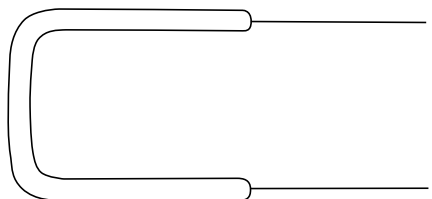
25 cm – 10"
Brunner



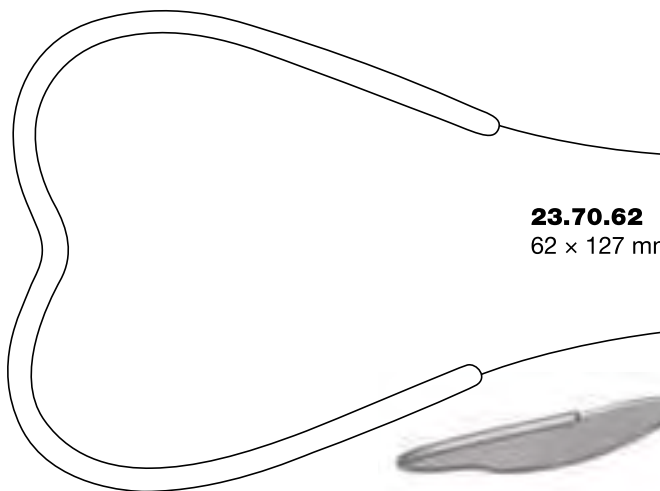




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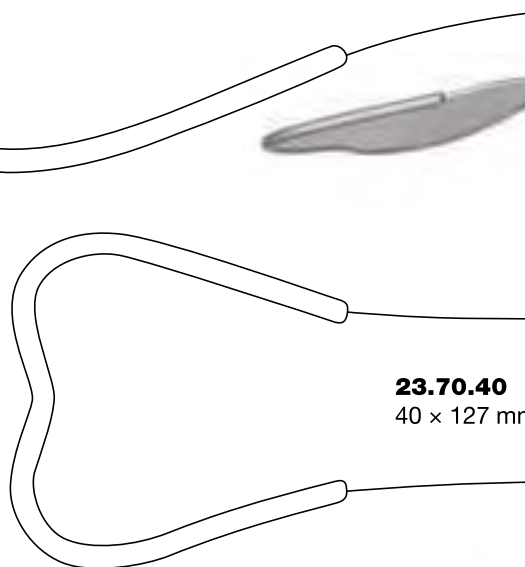


24 x 70 mm



23.70.62

62 x 127 mm



23.70.40

40 x 127 mm



23.70.24

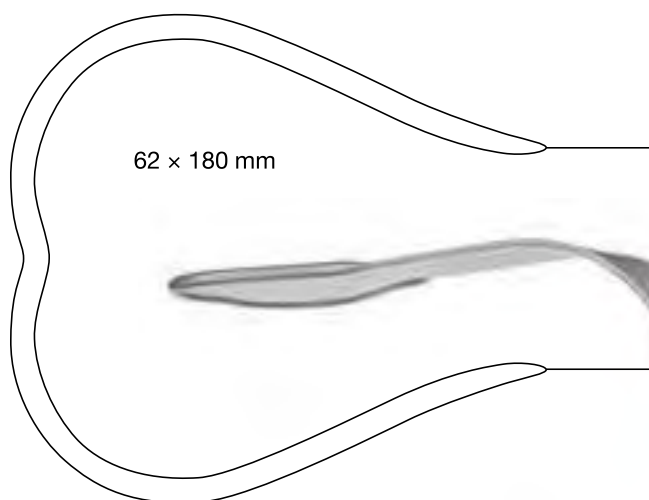
27 cm – 10³/₄"

Harrington-Baby



32 cm – 12¹/₂"

Harrington



23.72.25
25 mm

23.72.17
17 mm

23.71.06
32 cm – 12½"
Harrington-Pemberton



20 cm – 8"
Deaver-Baby





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Divaricatori**



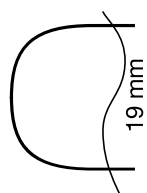
32 cm – 12½"
Deaver

23.73.25
25 mm

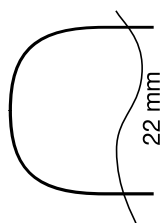
23.73.35
35 mm

23.73.50
50 mm

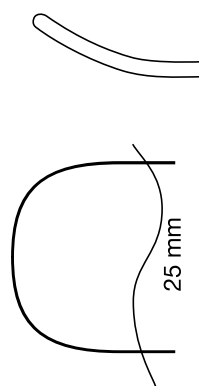
23.73.75
75 mm



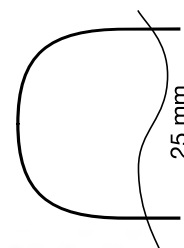
23.75.01
000
18 cm – 7 1/8"
Deaver



23.75.02
00
22 cm – 8 3/4"
Deaver



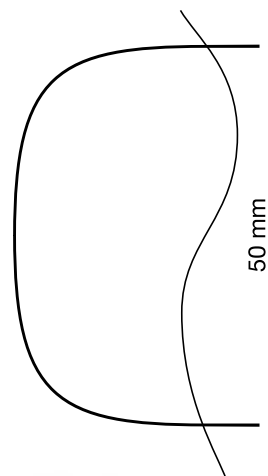
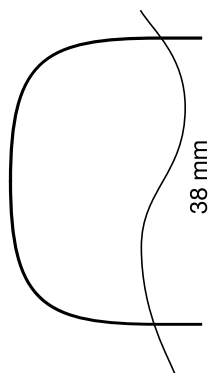
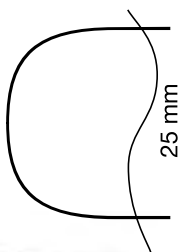
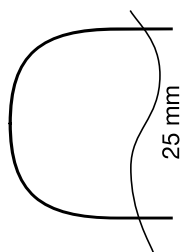
23.75.03
0
23 cm – 9"
Deaver



23.75.04
1
30 cm – 11 3/4"
Deaver



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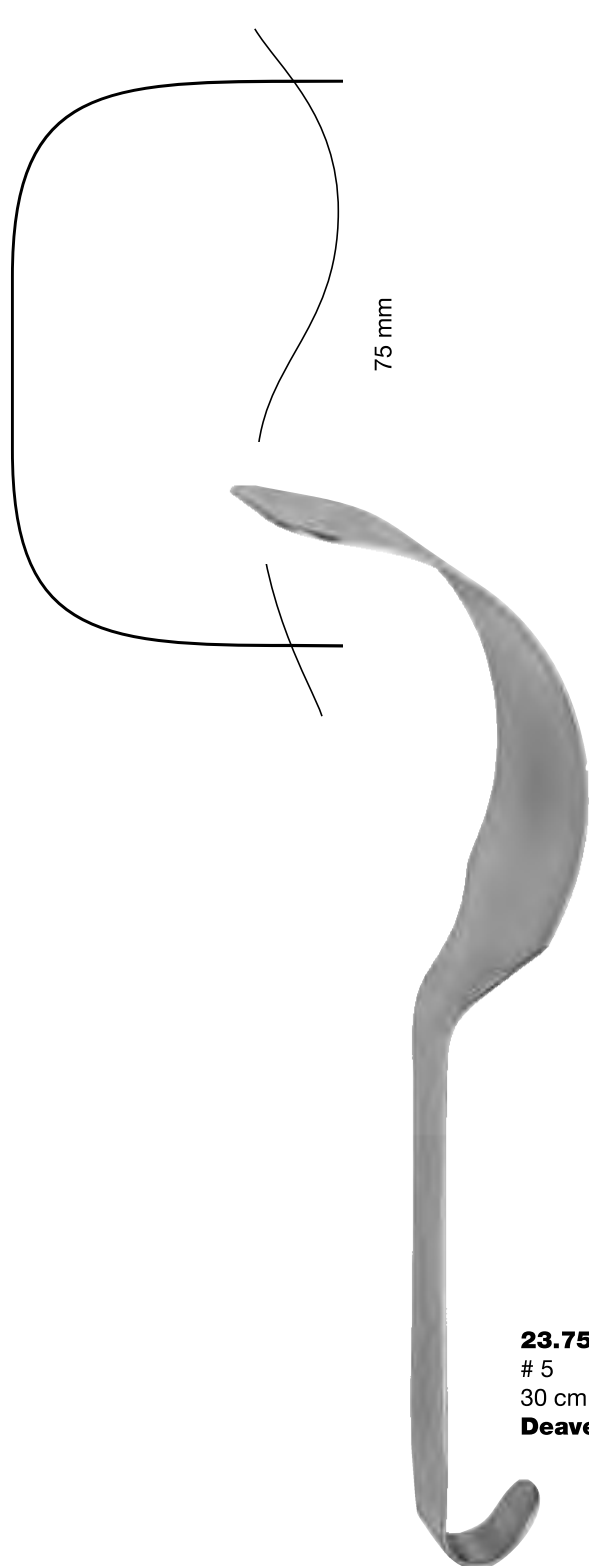
23.75.05
2
33 cm – 13"
Deaver

23.75.06
2½
35 cm – 13¾"
Deaver

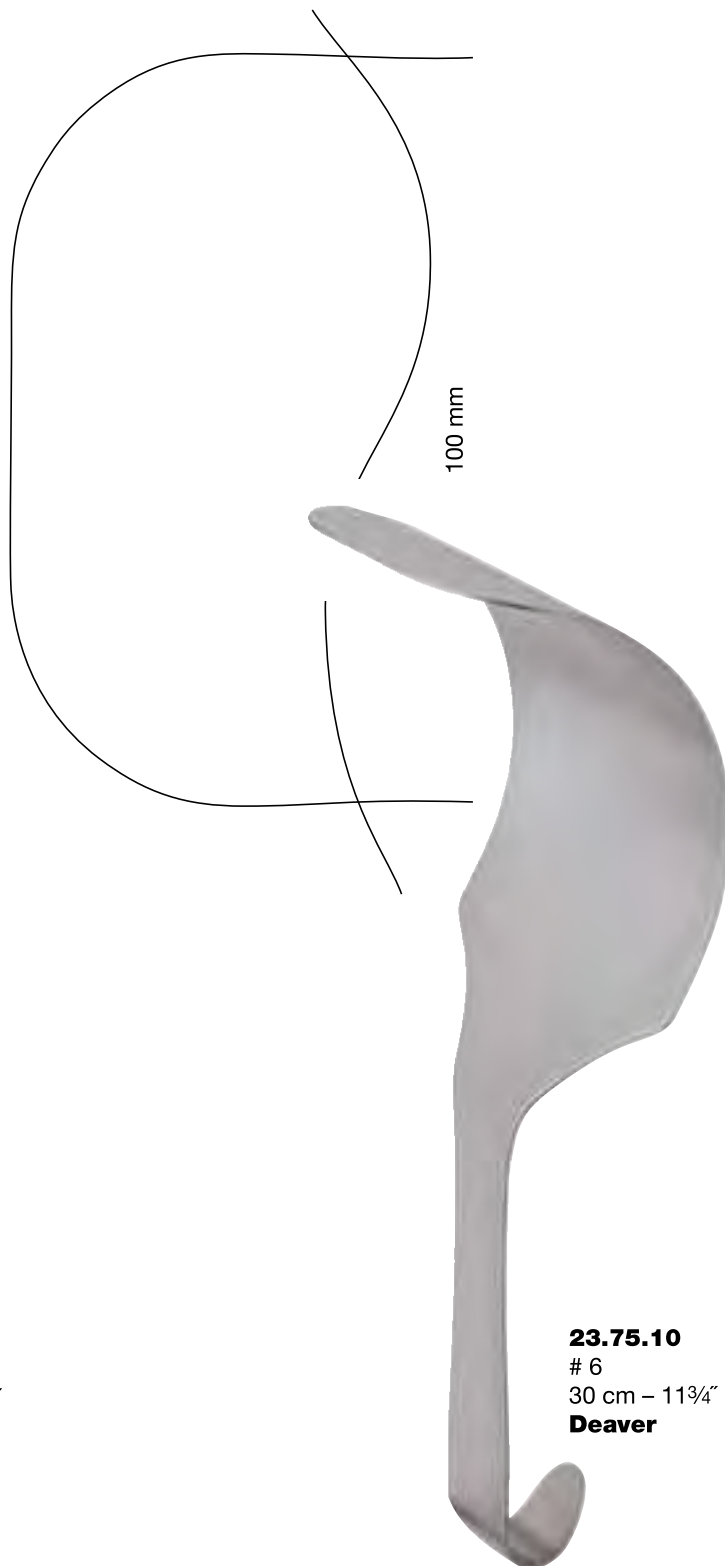


23.75.07
3
30 cm – 11¾"
Deaver

23.75.08
4
30 cm – 11¾"
Deaver



23.75.09
5
30 cm – 11 $\frac{3}{4}$ "
Deaver



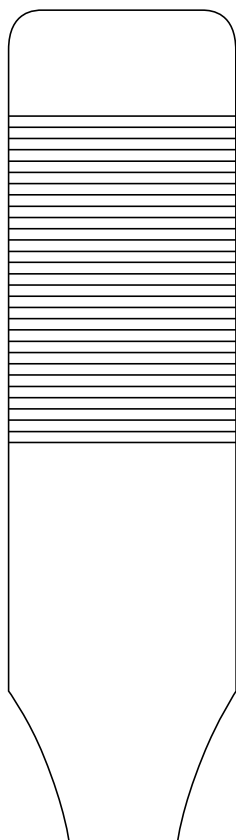
23.75.10
6
30 cm – 11 $\frac{3}{4}$ "
Deaver



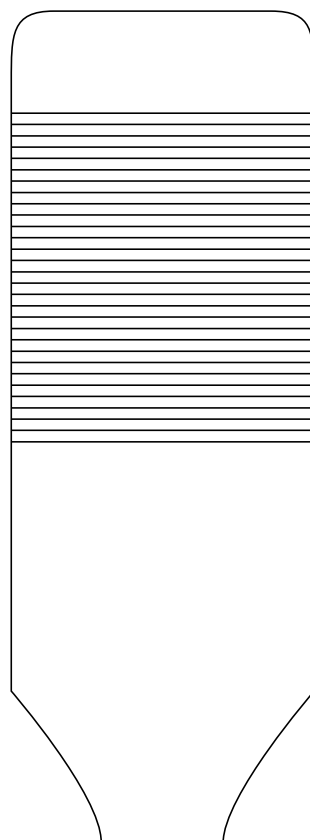
**Wundhaken
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27 cm – 10¾"
Kader



23.80.03
30 mm



23.80.04
40 mm