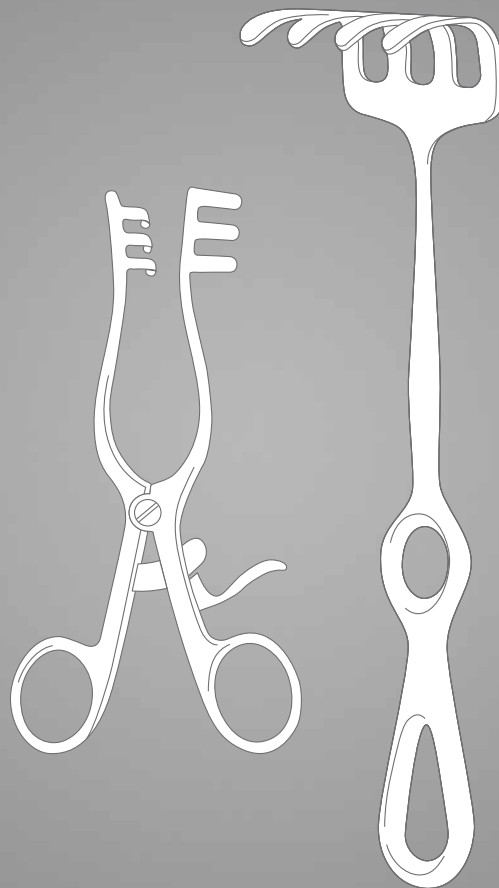


15

Wundhaken
Retractors
Separadores
Ecarteurs
Divaricatori



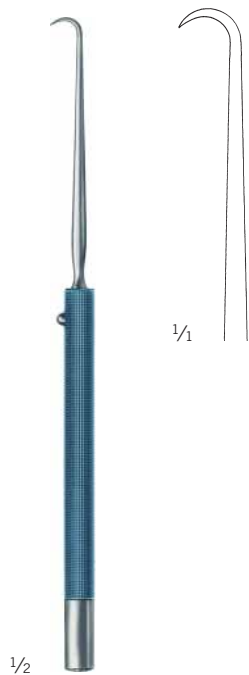
Mikrohäkchen, Hauthäkchen

Micro Hooklets, Skin Hooks

Micro Ganchitos, Ganchitos de piel

Micro Crochetes, Crochetes pour le peau

Micro Divaricatori, Divaricatori per pelle



Rasse
15-006-10-07
16 cm / 6 2/8"



Graefe
15-066-01-07 -
15-066-02-07
15 cm / 5 7/8"



15-066-01-07
scharf
sharp
agudo
pointu
acuto



15-066-02-07
stumpf
blunt
romo
mousse
smusso



15-068-01-07 -
15-068-04-07
16 cm / 6 2/8"
scharf
sharp
agudo
pointu
acuto

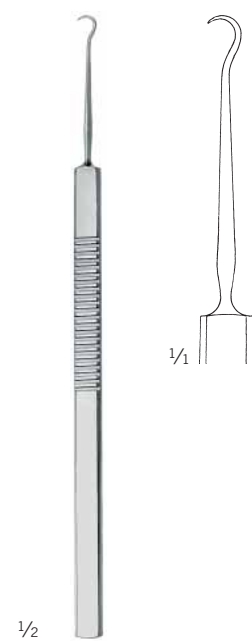


Fig. 1
15-068-01-07

Fig. 2
15-068-02-07

Fig. 3
15-068-03-07

Fig. 4
15-068-04-07



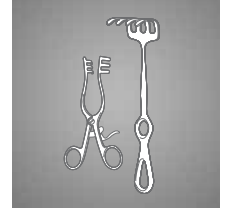
Rasse
15-068-05-07
16 cm / 6 2/8"

Hauthäkchen, Wundhäkchen

Skin Hooks, Hooklets
Ganchitos de piel, Ganchitos
Crochetes pour le peau, Crochetes
Divaricatori per pelle, Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



O'Connor
15-070-16-07

16 cm / 6 2/8"

scharf
sharp
agudo
pointu
acuto



Guthrie
15-072-01-07 -
15-072-02-07

16 cm / 6 2/8"

scharf
sharp
agudo
pointu
acuto



15-074-01-07 -
15-075-04-07

16,5 cm / 6 4/8"



1/1

scharf
sharp
agudo
pointu
acuto

15-074-01-07

15-074-02-07

15-074-03-07

15-074-04-07



1/1

stumpf
blunt
romo
mousse
smusso

15-075-01-07

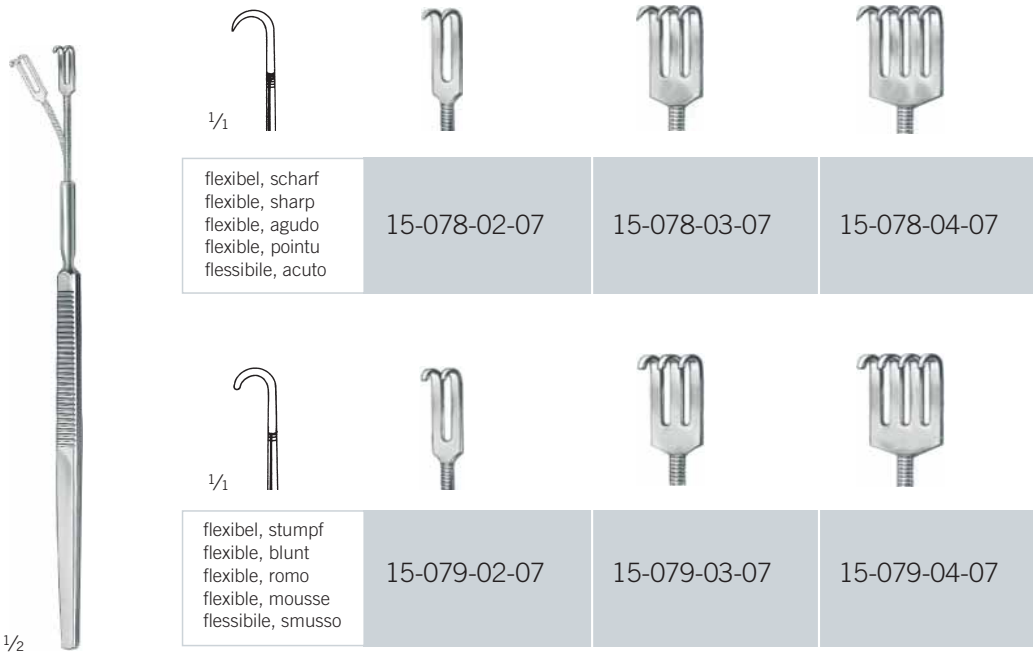
15-075-02-07

15-075-03-07

15-075-04-07

Wundhäkchen

Hooklets
Ganchitos
Crochetes
Divaricatori



15-078-02-07 -
15-079-04-07
15,5 cm / 6 1/8"



15-086-04-07 -
15-087-04-07
16,5 cm / 6 5/8"

15-088-12-07
12 cm / 4 6/8"
Gefäßhäkchen
Vessel Hook
Ganchito vascular
Micro-Ecarteurs pour vaisseaux
Divaricatore vascolare

Sattelhäkchen

Saddle Hooks

Ganchos en forma de silla

Ecarteurs sous forme de selle

Divaricatori a forma di sella

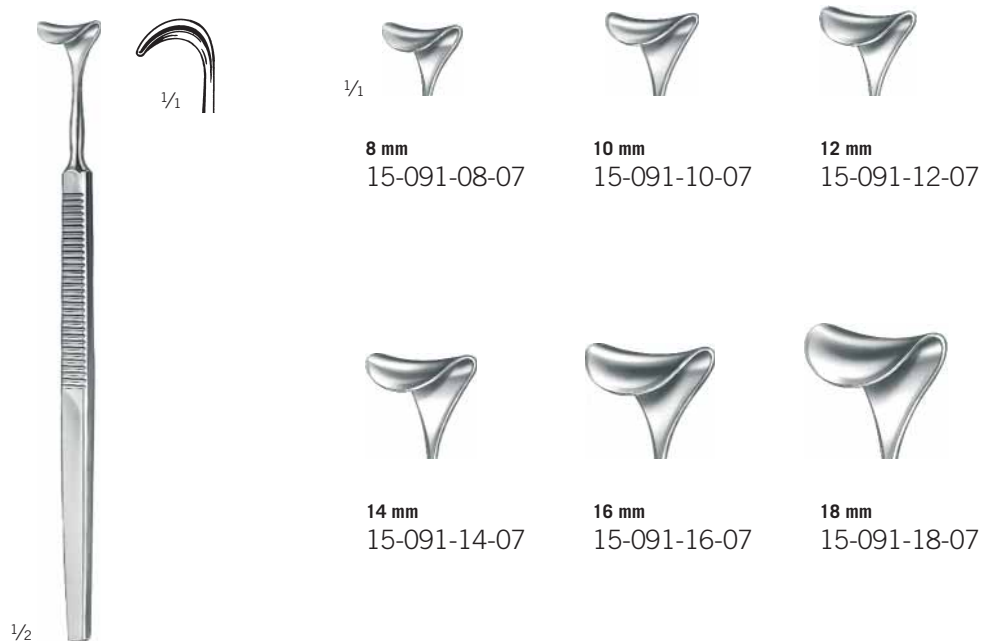
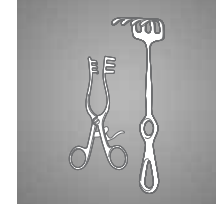
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



Desmarres

15-091-08-07 -

15-091-18-07

16 cm / 6 2/8"



15-093-12-07 -

15-093-18-07

16 cm / 6 2/8"

Langenbeck-Mini

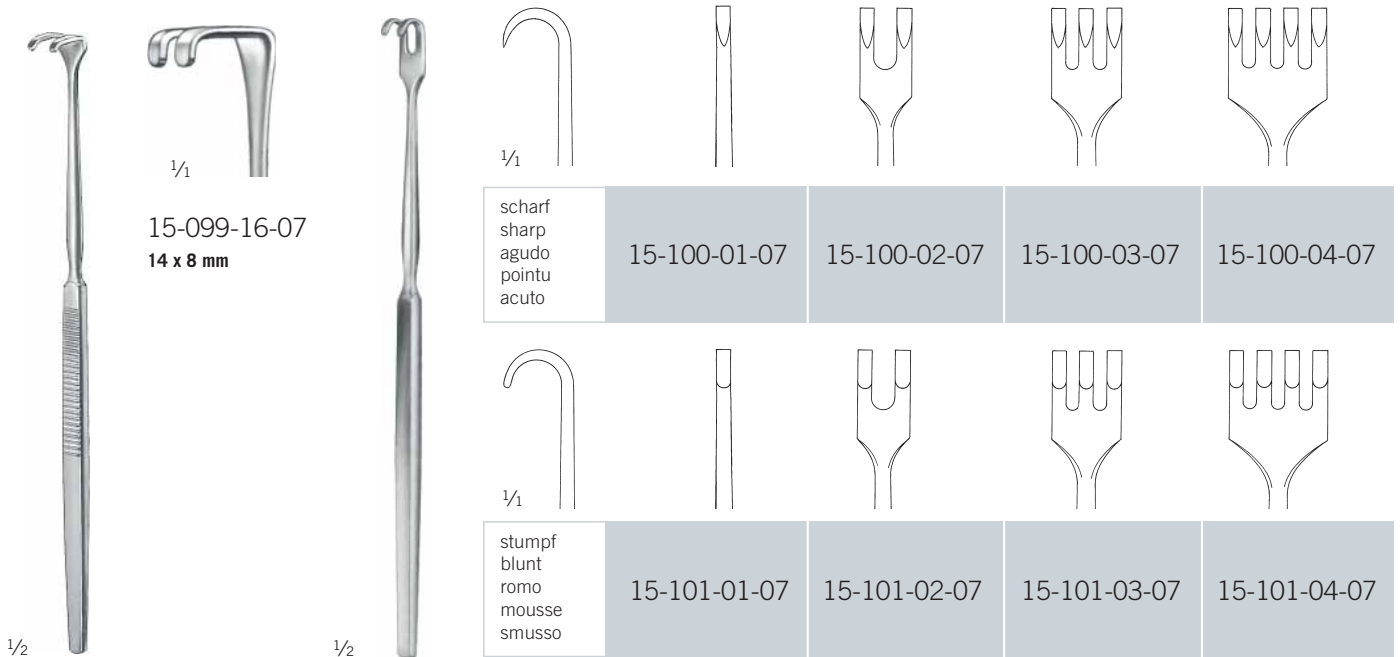
15-095-10-07 -

15-095-22-07

16 cm / 6 2/8"

Wundhäkchen

Hooklets
Ganchitos
Crochetes
Divaricatori



15-099-16-07

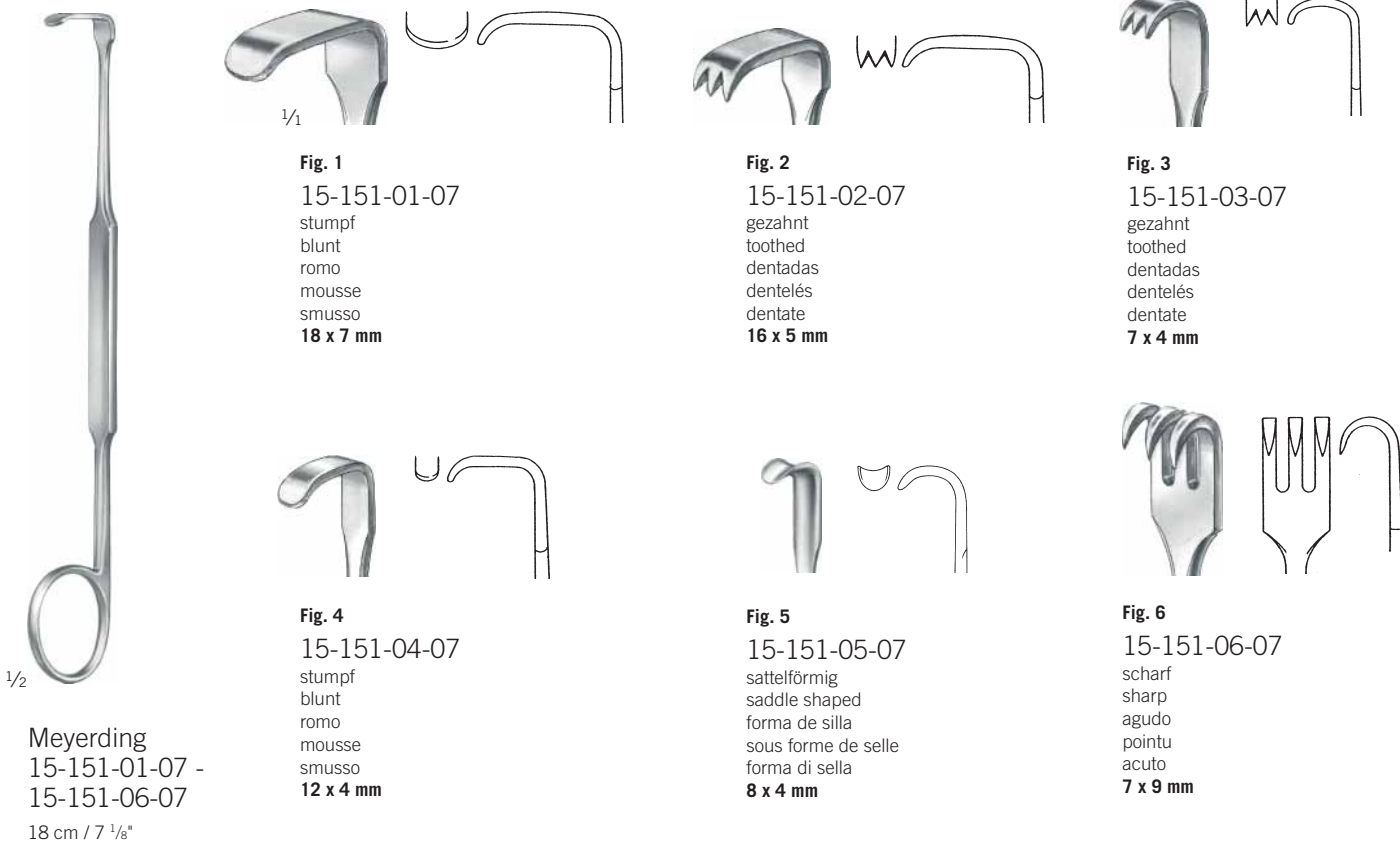
16 cm / 6 2/8"

stumpf
blunt
romo
mousse
smusso

15-101-01-07 -

15-101-04-07

16,5 cm / 6 5/8"

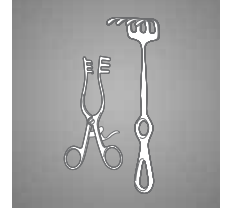


Wundhäkchen

Hooklets
Ganchitos
Crochetes
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2



1/1

Fig. 1
15-161-01-07
20 x 6 mm



Fig. 2
15-161-02-07
10 x 6 mm

Senn-Green
15-161-01-07 -
15-161-02-07
16 cm / 6 2/8"



1/2



1/1

8 x 4,5 mm

15-164-14-07

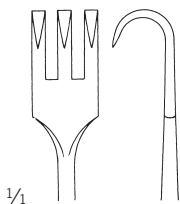
15 x 5,5 mm



Ragnell-Davis
15-164-14-07
15 cm / 5 7/8"



1/2

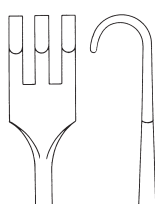


1/1

15-166-16-07
scharfe Zähne
sharp prongs
garfios agudos
dents pointus
denti acuti

Blätter
blades
hojas
lames
lame

20 x 7 mm



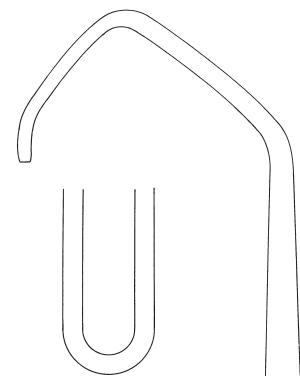
15-167-16-07
stumpfe Zähne
blunt prongs
garfios romos
dents mousses
denti smussi

Blätter
blades
hojas
lames
lame

20 x 7 mm



1/2



1/1

Senn-Miller
15-166-16-07 -
15-167-16-07
16 cm / 6 2/8"

Cushing
15-170-20-07
20,5 cm / 8 1/8"

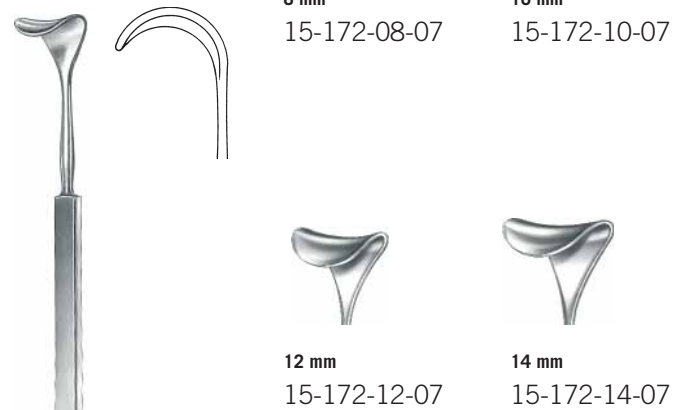
Sattelhäkchen

Saddle Hooks

Ganchos en forma de silla

Ecarteurs sous forme de selle

Divaricatori a forma di sella



Cushing
15-171-08-07 -
15-171-18-07
20,5 cm / 8 1/8"

Cushing
15-172-08-07 -
15-172-18-07
24 cm / 9 4/8"

Sattelhäkchen

Saddle Hooks

Ganchos en forma de silla

Ecarteurs sous forme de selle

Divaricatori a forma di sella

Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



1/1



4 mm

15-174-04-07



6 mm

15-174-06-07



8 mm

15-174-08-07



11 mm

15-174-11-07



15 mm

15-174-15-07



17 mm

15-174-17-07



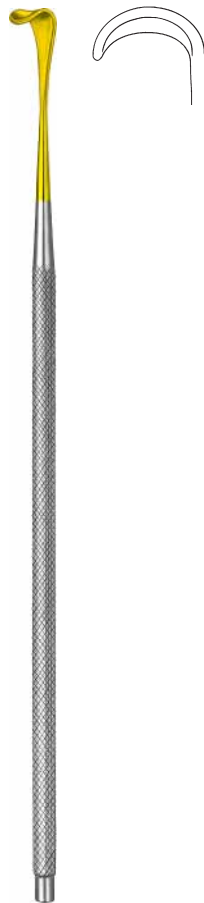
20 mm

15-174-20-07



23 mm

15-174-23-07



1/2

Gil-Vernet

15-174-04-07 -

15-174-23-07

24 cm / 9 4/8"

biegsamer Schaft

malleable shaft

vástago maleable

tige malléable

asta malleabili

Venenhäkchen, Wundhäkchen

Vein Hooks

Ganchitos para venas

Ecarteurs pour veines

Divaricatori per veni



15-176-01-07

schmal
narrow
estrecho
étroit
stretto



15-176-02-07

breit
wide
ancho
large
largo

Brom

15-176-01-07 -
15-176-02-07

19 cm / 7 4/8"

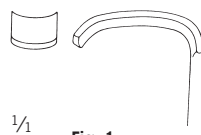


Fig. 1

15-191-01-07

glattes Blattende
smooth blade end
valva lisa
extrémité de la lame lisse
valva liscia

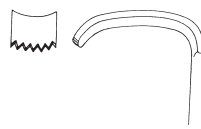


Fig. 2

15-191-02-07

gezahntes Blattende
toothed blade end
valva dentada
extrémité de la lame dentelé
valva dentada

Strandell-Stille

15-191-01-07 -
15-191-02-07

19 cm / 7 4/8"



Kaye-Millard

15-192-02-07

8 cm / 3 1/8"

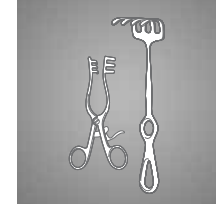
scharf
sharp
agudo
pointu
acuto

Wundhaken, Wundhäkchen

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/1

15-195-01-07
13 x 6 mm



15-195-02-07
12 x 11 mm



15-195-03-07
15 x 12 mm

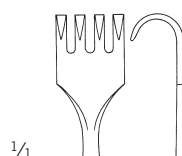


1/2

Klapp
15-195-01-07 -
15-195-03-07

17,5 cm / 6 7/8"

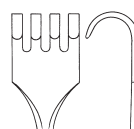
stumpf
blunt
romo
mousse
smusso



1/1

15-200-04-07

scharf
sharp
agudo
pointu
acuto



15-201-04-07

stumpf
blunt
romo
mousse
smusso

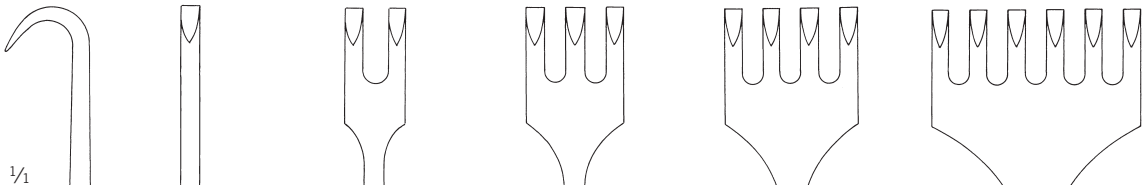


1/2

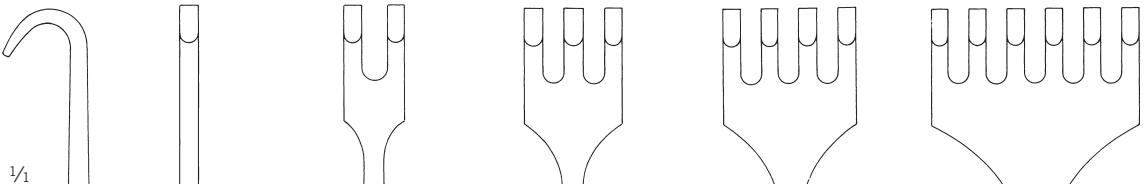
15-200-04-07 -
15-201-04-07

16,5 cm / 6 4/8"

15



scharf sharp agudo pointu acuto	15-210-01-07	15-210-02-07	15-210-03-07	15-210-04-07	15-210-06-07
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stumpf blunt romo mousse smusso	15-211-01-07	15-211-02-07	15-211-03-07	15-211-04-07	15-211-06-07
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1/2

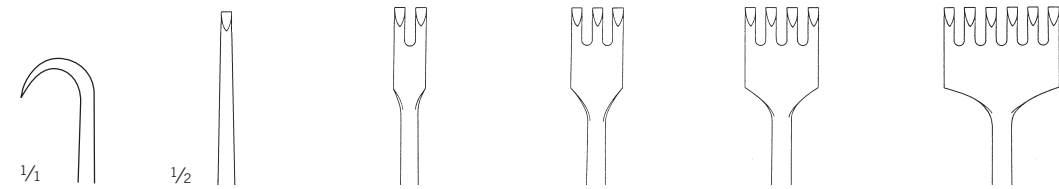
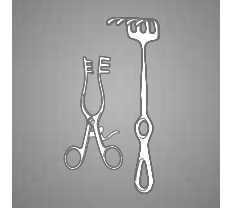
Volkmann
15-210-01-07 -
15-211-06-07
21,5 cm / 8 4/8"

Wundhaken

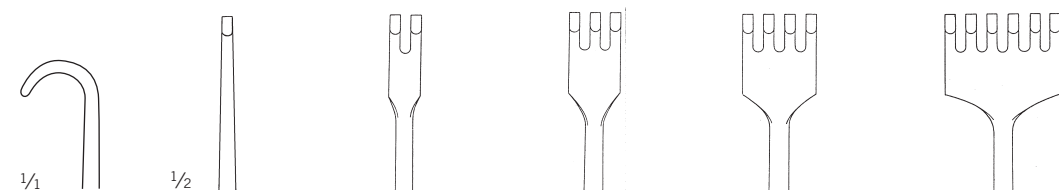
Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

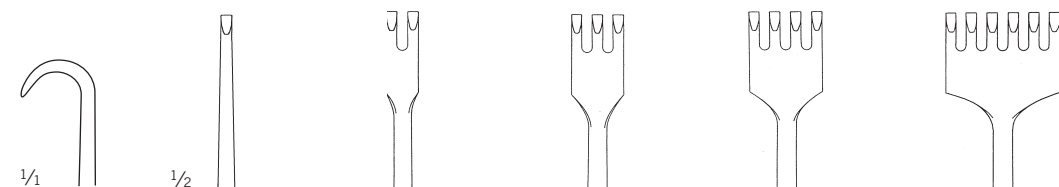
Retractors
Separadores
Ecarteurs
Divaricatori



scharf sharp agudo pointu acuto	15-220-01-07	15-220-02-07	15-220-03-07	15-220-04-07	15-220-06-07
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stumpf blunt romo mousse smusso	15-221-01-07	15-221-02-07	15-221-03-07	15-221-04-07	15-221-06-07
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halbscharf semi-sharp semi-agudo semi-pointu semi acuto	15-222-01-07	15-222-02-07	15-222-03-07	15-222-04-07	15-222-06-07
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1/2

Volkman
15-220-01-07 -
15-222-06-07
22,5 cm / 8 7/8"

15

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Volkmann
15-230-01-07

21,5 cm / 8 4/8"

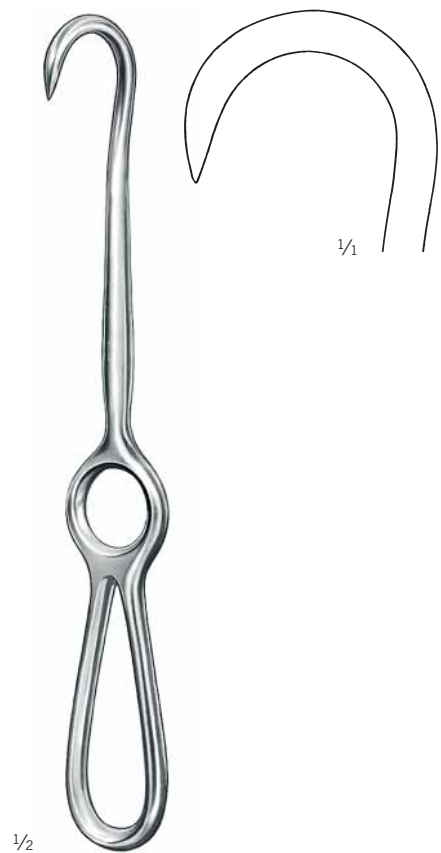
scharf
sharp
agudo
pointu
acuto



Volkmann
15-231-01-07

21,5 cm / 8 4/8"

stumpf
blunt
rombo
mousse
smusso



15-232-01-07

21,5 cm / 8 4/8"

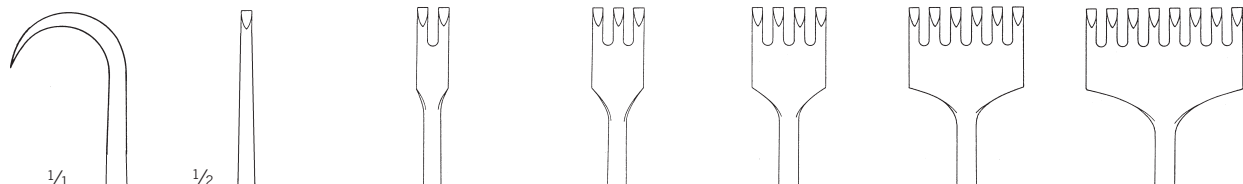
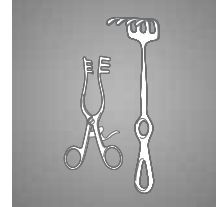
scharf
sharp
agudo
pointu
acuto

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



scharf
sharp
agudo
pointu
acuto

15-240-01-07

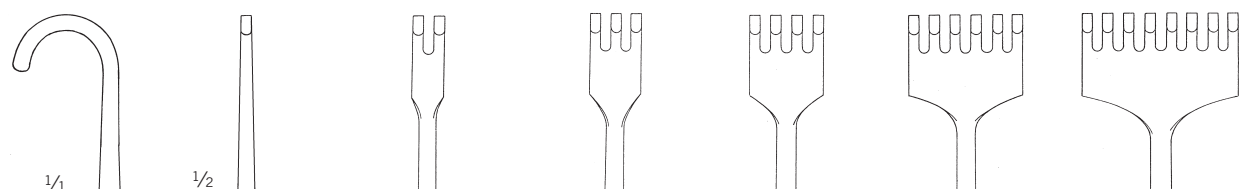
15-240-02-07

15-240-03-07

15-240-04-07

15-240-06-07

15-240-08-07



stumpf
blunt
romo
mousse
smusso

15-241-01-07

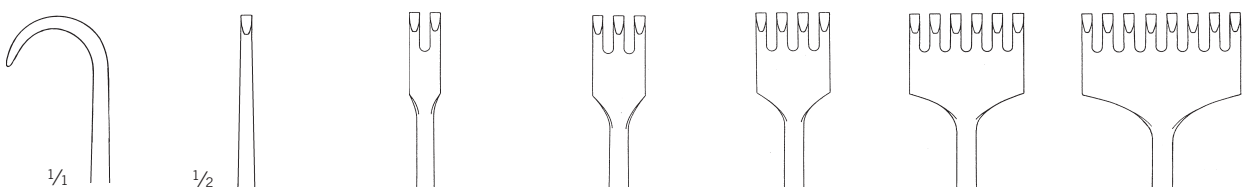
15-241-02-07

15-241-03-07

15-241-04-07

15-241-06-07

15-241-08-07



halbscharf
semi-sharp
semi-agudo
semi-pointu
semi acuto

15-242-01-07

15-242-02-07

15-242-03-07

15-242-04-07

15-242-06-07

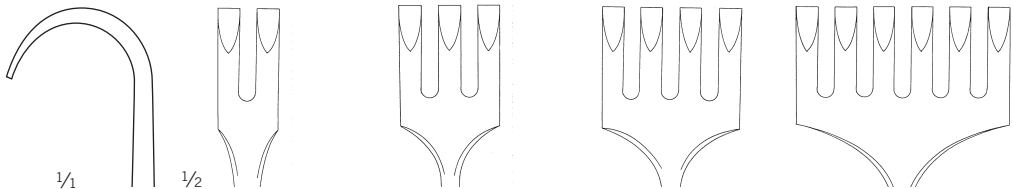
15-242-08-07



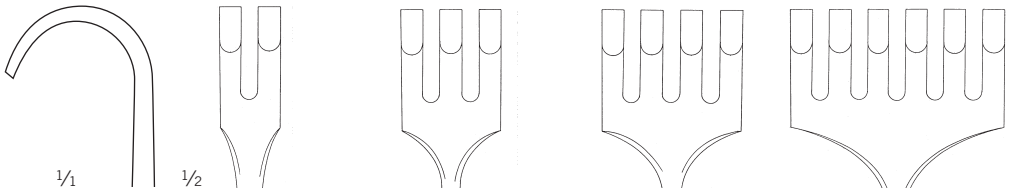
1/2

Kocher
15-240-01-07 -
15-242-08-07
22,5 cm / 8 7/8"

15



scharf sharp agudo pointu acuto	15-245-02-07	15-245-03-07	15-245-04-07	15-245-06-07
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stumpf blunt romo mousse smusso	15-246-02-07	15-246-03-07	15-246-04-07	15-246-06-07
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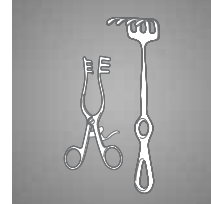
Martin
15-245-02-07 -
15-246-06-07
22,5 cm / 8 7/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

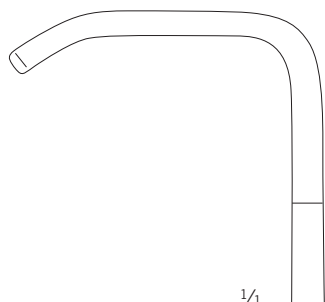
Retractors
Separadores
Ecarteurs
Divaricatori



15



1/2

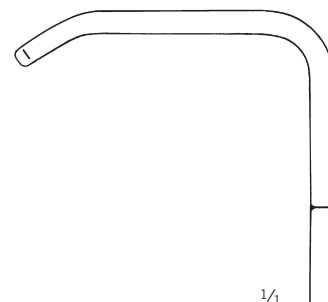


1/1

37 x 30 mm



1/2



1/1

39 x 60 mm

Ollier
15-251-03-07

24,5 cm / 9 5/8"

stumpf
blunt
romo
mousse
smusso

Ollier
15-253-04-07

23 cm / 9"

stumpf
blunt
romo
mousse
smusso

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Wassmund
15-261-02-07
20,5 cm / 8 1/8"



Körte
15-266-08-07-
15-267-08-07
24,5 cm / 9 5/8"

25 x 40 mm
15-266-08-07
scharf
sharp
agudo
pointu
acuto

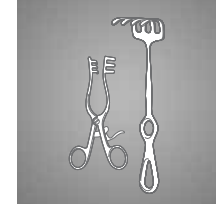
25 x 40 mm
15-267-08-07
stumpf
blunt
romo
mousse
smusso

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

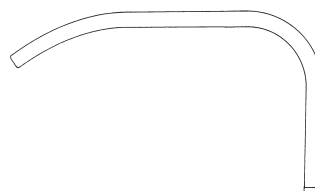
Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

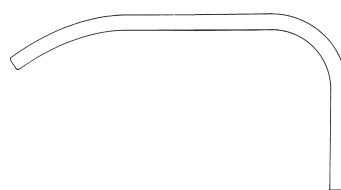


1/1

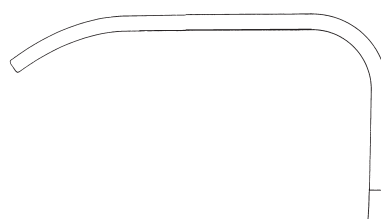
40 x 40 mm
15-281-04-07



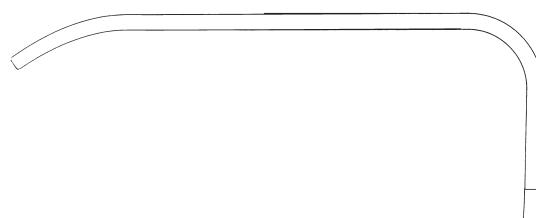
45 x 50 mm
15-283-05-07



50 x 60 mm
15-287-06-07



70 x 70 mm
15-289-07-07



1/2

Israel
15-281-04-07 -
15-289-07-07

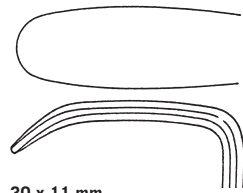
24,5 cm / 9 5/8"

stumpf
blunt
romo
mousse
smusso

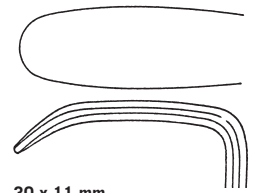
15

Wundhaken

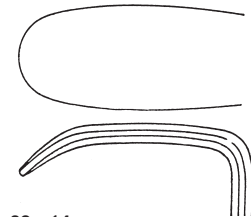
Retractors
Separadores
Ecarteurs
Divaricatori



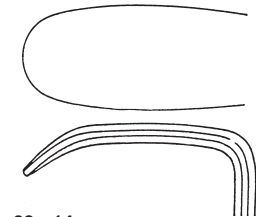
30 x 11 mm
15-291-01-07



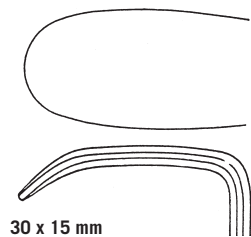
30 x 11 mm
15-293-01-07



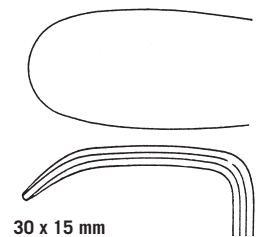
30 x 14 mm
15-291-02-07



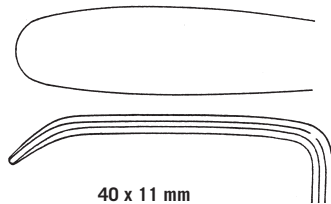
30 x 14 mm
15-293-02-07



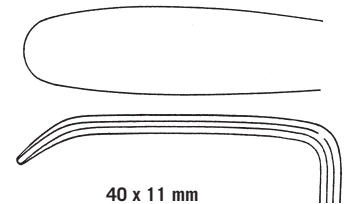
30 x 15 mm
15-291-03-07



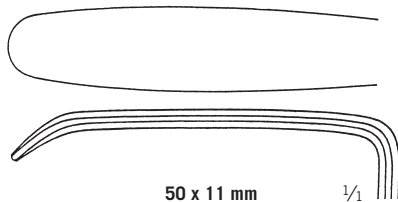
30 x 15 mm
15-293-03-07



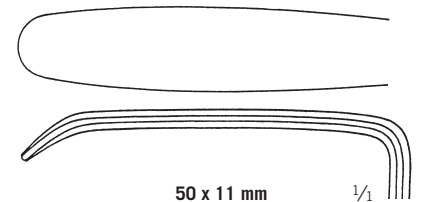
40 x 11 mm
15-291-04-07



40 x 11 mm
15-293-04-07



50 x 11 mm $\frac{1}{1}$
15-291-05-07



50 x 11 mm $\frac{1}{1}$
15-293-05-07



Langenbeck
15-291-01-07 -
15-291-05-07
22 cm / 8 $\frac{5}{8}$ "



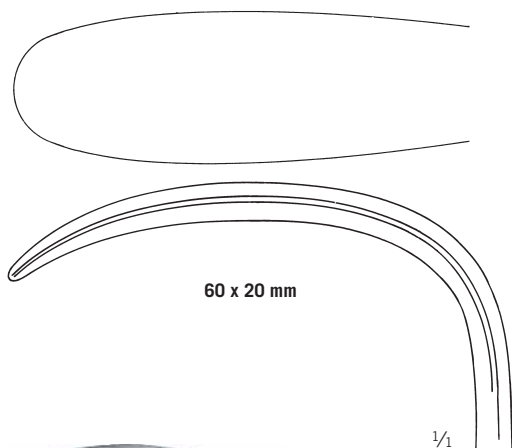
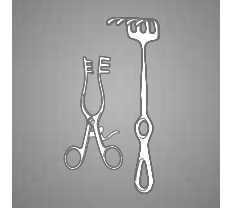
Langenbeck
15-293-01-07 -
15-293-05-07
22 cm / 8 $\frac{5}{8}$ "

Wundhaken

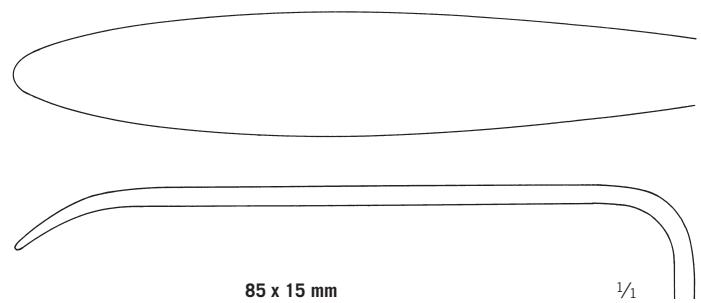
Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

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Separadores
Ecarteurs
Divaricatori



Langenbeck
15-295-21-07
21 cm / 8 2/8"



Langenbeck
15-297-21-07
22,5 cm / 8 7/8"

15

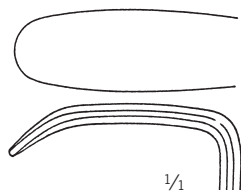
Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



$\frac{1}{2}$

Langenbeck
15-299-01-07
21 cm / 8 $\frac{2}{8}$ "



$\frac{1}{1}$

43 x 13 mm
15-299-01-07



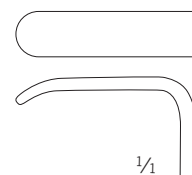
$\frac{1}{2}$

Langenbeck-Green
15-301-16-07 -
15-301-25-07
16 cm / 6 $\frac{2}{8}$ "



$\frac{1}{1}$

6 x 16 mm
15-301-16-07



$\frac{1}{1}$

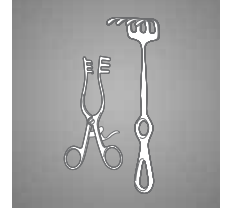
6 x 25 mm
15-301-25-07

Wundhaken

Retractors
Separadores
Ecarteurs
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Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

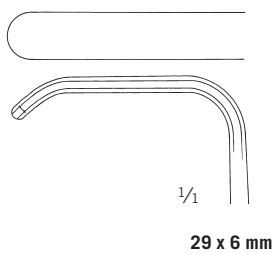


15



1/1

Lahey
15-307-19-07
19,5 cm / 7 5/8"



1/1

29 x 6 mm



1/2

Little
15-313-20-07
20,5 cm / 8 1/8"



1/1

13 x 15 mm

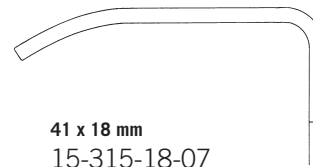
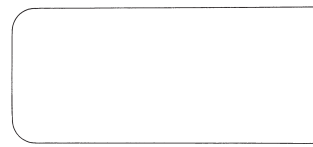
Wundhaken

Retractors
Separadores
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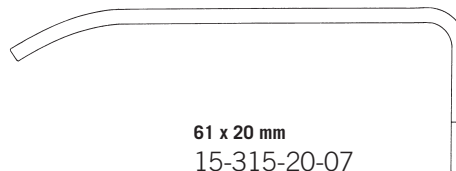


1/2

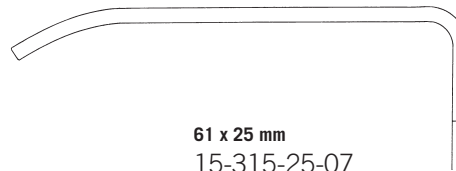
Kocher
15-315-18-07 -
15-315-40-07
23 cm / 9 "



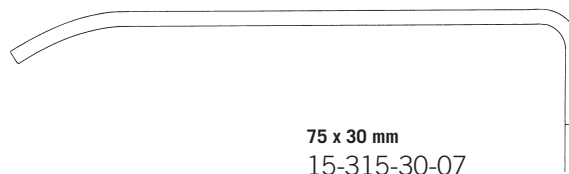
41 x 18 mm
15-315-18-07



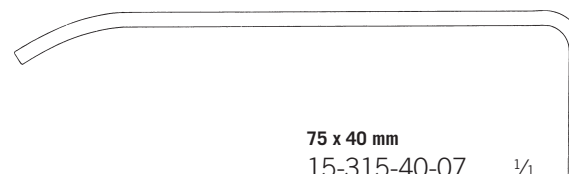
61 x 20 mm
15-315-20-07



61 x 25 mm
15-315-25-07



75 x 30 mm
15-315-30-07



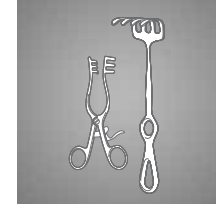
75 x 40 mm
15-315-40-07 1/1

Wundhaken

Retractors
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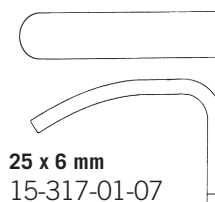
Wundhaken

Retractors
Separadores
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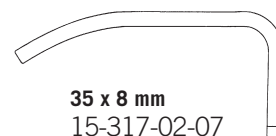


1/2

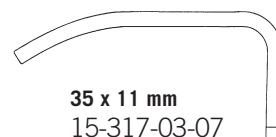
Kocher-Langenbeck
15-317-01-07 -
15-317-09-07
21,5 cm / 8 4/8"



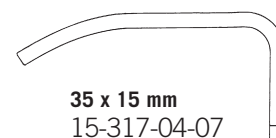
25 x 6 mm
15-317-01-07



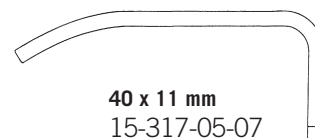
35 x 8 mm
15-317-02-07



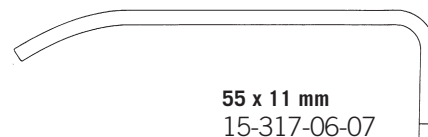
35 x 11 mm
15-317-03-07



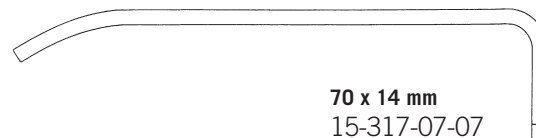
35 x 15 mm
15-317-04-07



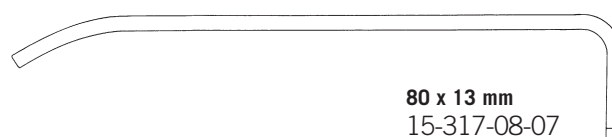
40 x 11 mm
15-317-05-07



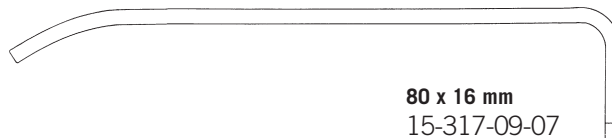
55 x 11 mm
15-317-06-07



70 x 14 mm
15-317-07-07



80 x 13 mm
15-317-08-07



80 x 16 mm
15-317-09-07

1/1

15

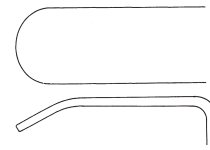
Wundhaken

Retractors
Separadores
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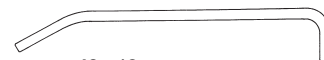


$\frac{1}{2}$

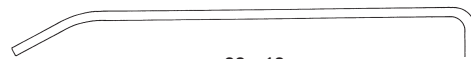
Kocher-Langenbeck
15-319-01-07 -
15-319-08-07
21,5 cm / 8 $\frac{4}{8}$ "



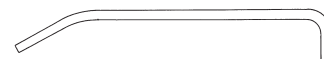
25 x 10 mm
15-319-01-07



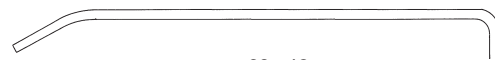
40 x 13 mm
15-319-02-07



60 x 13 mm
15-319-03-07



40 x 18 mm
15-319-04-07



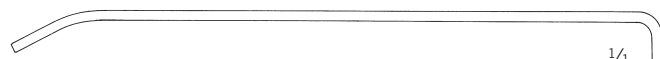
60 x 18 mm
15-319-05-07



85 x 18 mm
15-319-06-07



60 x 25 mm
15-319-07-07



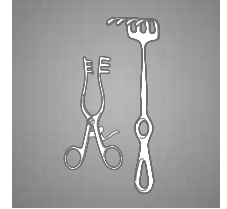
85 x 25 mm $\frac{1}{4}$
15-319-08-07

Wundhaken

Retractors
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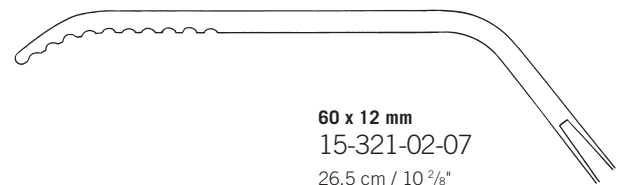
Zenker
15-321-00-07 -
15-321-05-07



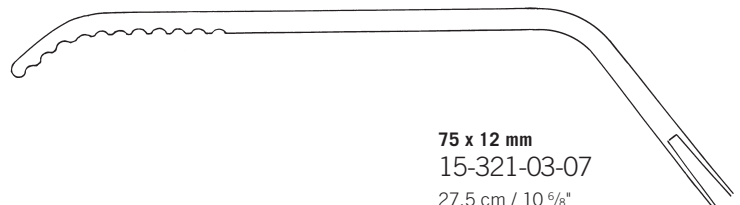
10 x 3 mm
Mini-Zenker
15-321-00-07
18 cm / 7"



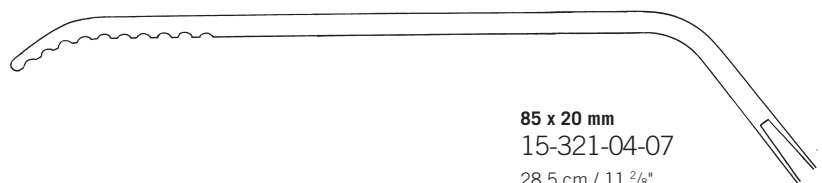
35 x 9 mm
15-321-01-07
25 cm / 9 3/4"



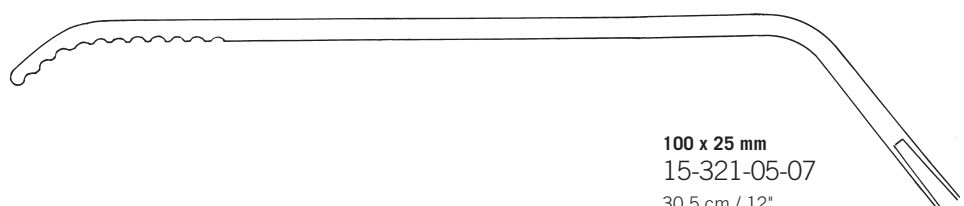
60 x 12 mm
15-321-02-07
26,5 cm / 10 2/8"



75 x 12 mm
15-321-03-07
27,5 cm / 10 5/8"



85 x 20 mm
15-321-04-07
28,5 cm / 11 2/8"



100 x 25 mm
15-321-05-07
30,5 cm / 12"

1/1

15

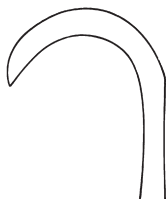
Wundhaken

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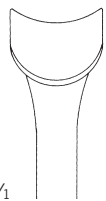


1/2

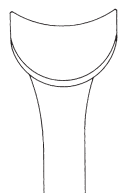
Kocher
15-325-01-07 -
15-325-02-07
21,5 cm / 8 4/8"



1/1



20 x 12 mm
15-325-01-07

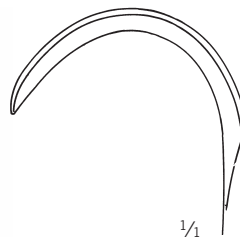


23 x 14 mm
15-325-02-07

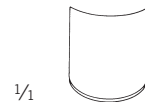


1/2

Kocher
15-351-01-07 -
15-351-03-07

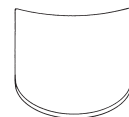


1/1

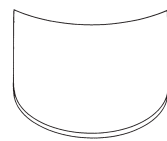


1/1

40 x 10 mm
15-351-01-07
22 cm / 8 5/8"



40 x 15 mm
15-351-02-07
23 cm / 9"



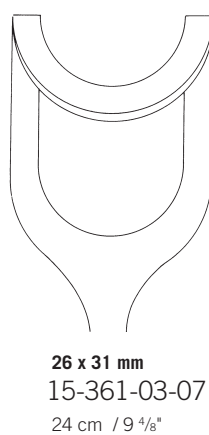
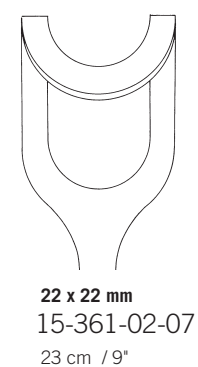
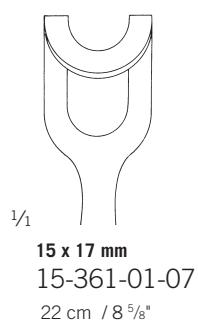
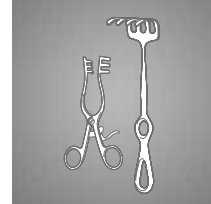
40 x 20 mm
15-351-03-07
23 cm / 9"

Wundhaken

Retractors
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Ecarteurs
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Middeldorpf
15-361-01-07 -
15-361-03-07



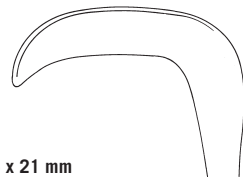
Fig. 1
15-381-01-01
Kiefer_1
25 x 20 mm
30 x 28 mm

Fig. 2
15-381-02-01
27,5 cm / 10 $\frac{7}{8}$ "
43 x 38 mm
63 x 44 mm

Richardson-Eastman
15-381-01-01 -
15-381-02-01

Wundhaken

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Divaricatori



25 x 21 mm
15-391-01-01
23,5 cm / 9 ²/₈"

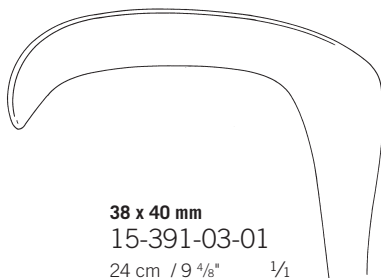


¹/₂

Richardson
15-391-01-01 -
15-391-03-01



30 x 29 mm
15-391-02-01
24 cm / 9 ⁴/₈"



38 x 40 mm
15-391-03-01
24 cm / 9 ⁴/₈" ¹/₁



¹/₂

Richardson
15-395-24-01
24 cm / 9 ⁴/₈"



¹/₂

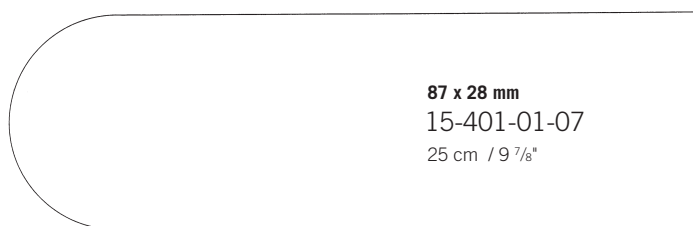
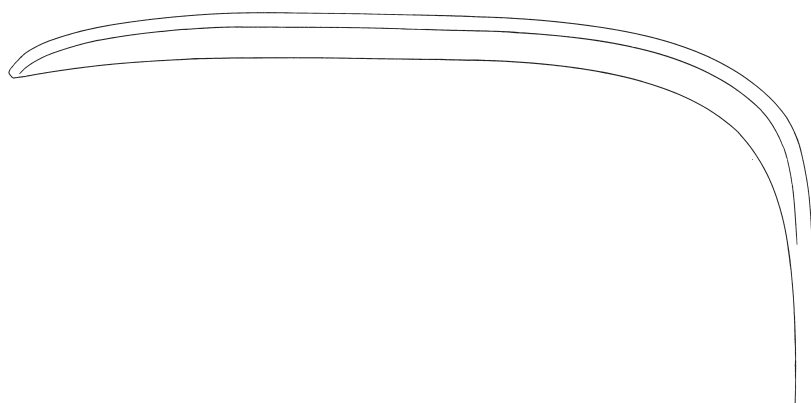
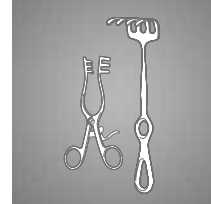
Kelly
15-397-26-01
26 cm / 10 ²/₈"

Wundhaken

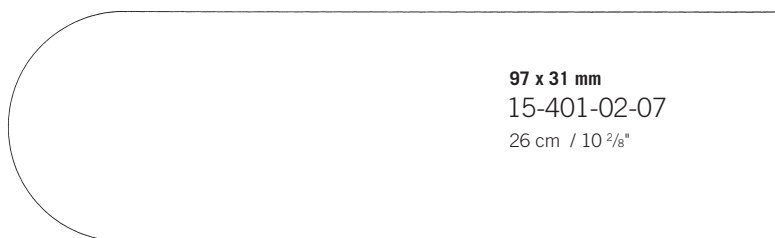
Retractors
Separadores
Ecarteurs
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Wundhaken

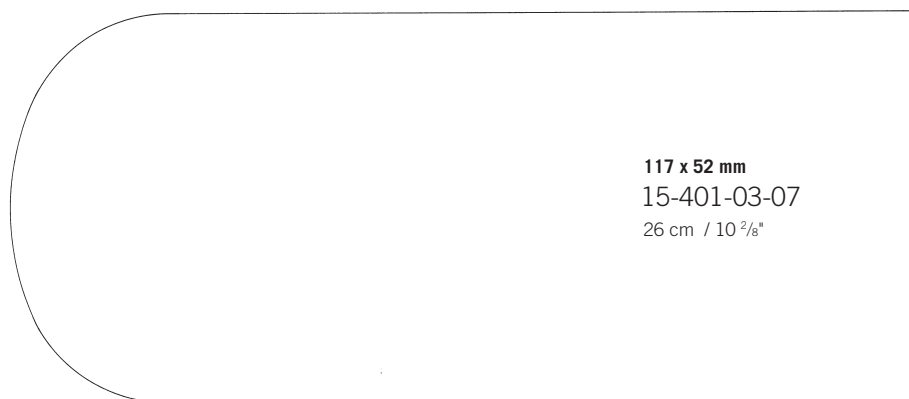
Retractors
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87 x 28 mm
15-401-01-07
25 cm / 9 ⁷/₈"



97 x 31 mm
15-401-02-07
26 cm / 10 ²/₈"



117 x 52 mm
15-401-03-07
26 cm / 10 ²/₈"



¹/₂

¹/₁

Doyen-Stillie
15-401-01-07 -
15-401-03-07

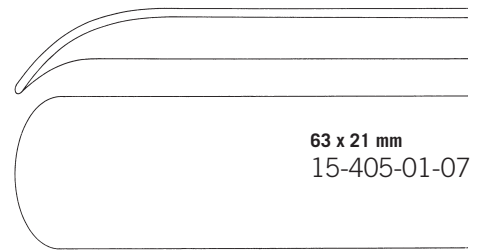
15

Wundhaken

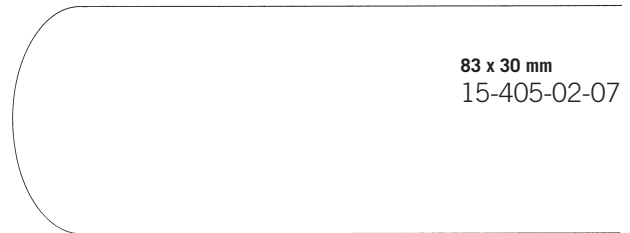
Retractors
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Ecarteurs
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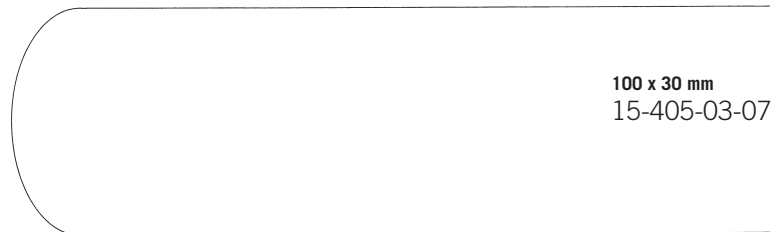
Hösel
15-405-01-07 -
15-405-06-07
26 cm / 10 ²/₈"



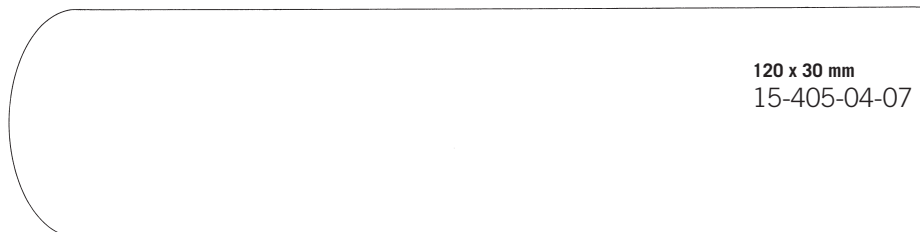
63 x 21 mm
15-405-01-07



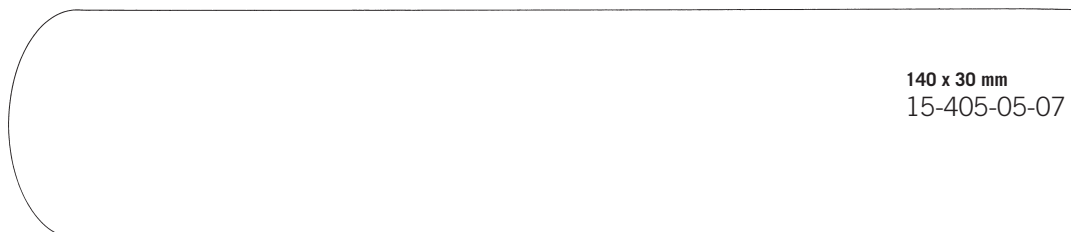
83 x 30 mm
15-405-02-07



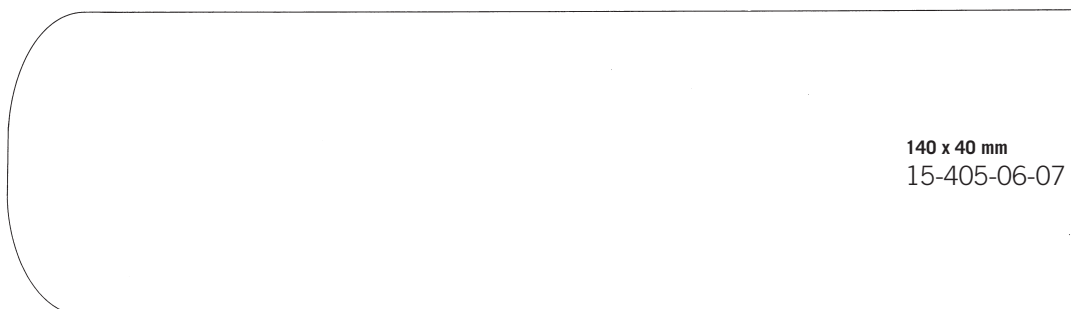
100 x 30 mm
15-405-03-07



120 x 30 mm
15-405-04-07



140 x 30 mm
15-405-05-07



140 x 40 mm
15-405-06-07

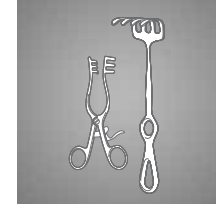
1/1

Wundhaken

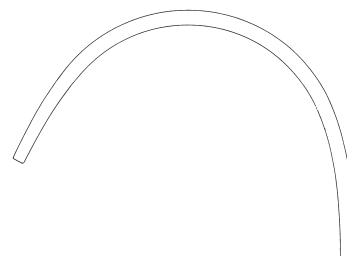
Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



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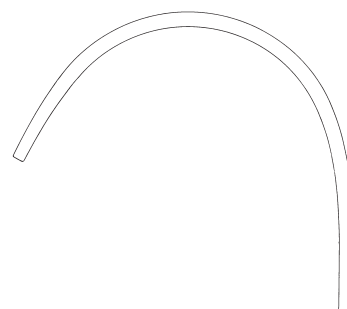
43 x 45 mm
15-441-01-07
27 cm / 10 5/8"



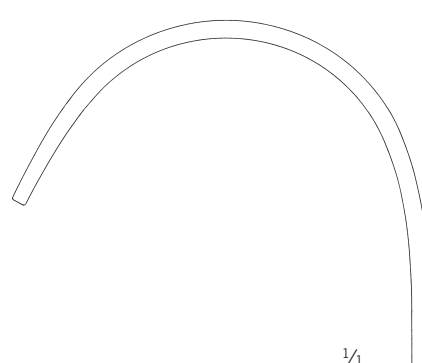
1/2



52 x 50 mm
15-441-02-07
27 cm / 10 5/8"



52 x 70 mm
15-441-03-07
28 cm / 11"



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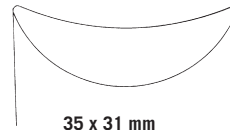
Middeldorpf
15-441-01-07 -
15-441-03-07

Wundhaken

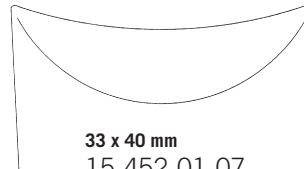
Retractors
Separadores
Ecarteurs
Divaricatori



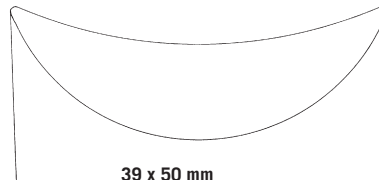
Fritsch
15-452-00-07 -
15-452-05-07



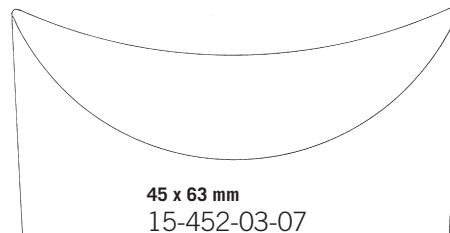
35 x 31 mm
15-452-00-07
23,5 cm / 9 ²/₈"



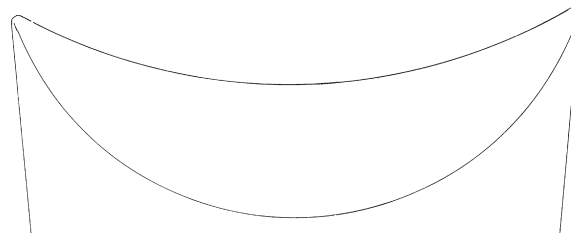
33 x 40 mm
15-452-01-07
24 cm / 9 ⁴/₈"



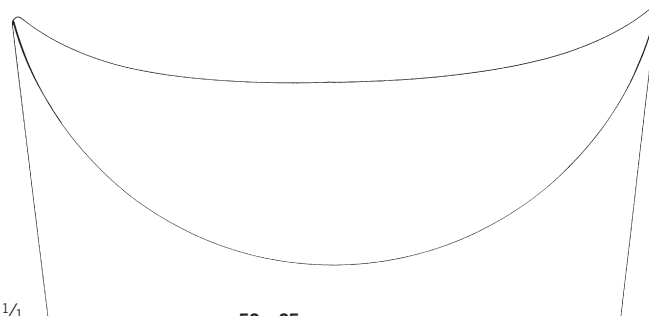
39 x 50 mm
15-452-02-07
25 cm / 9 ⁶/₈"



45 x 63 mm
15-452-03-07
25 cm / 9 ⁶/₈"



45 x 75 mm
15-452-04-07
25,5 cm / 10"



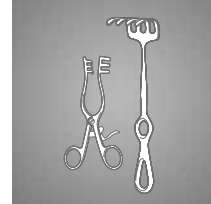
53 x 85 mm
15-452-05-07
25,5 cm / 10"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



15



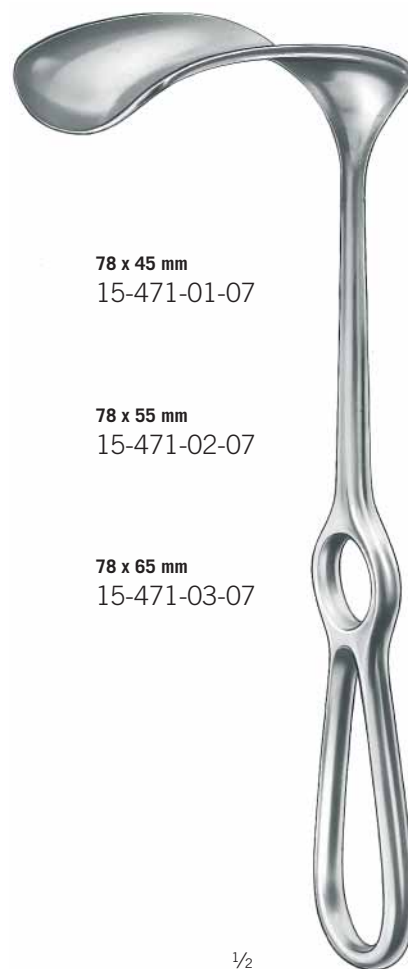
1/2

45 x 88 mm
Doyen
15-461-25-01
24 cm / 9 4/8"



1/2

70 x 25 mm
Kocher
15-469-22-07
23,5 cm / 9 2/8"



1/2

78 x 45 mm
15-471-01-07

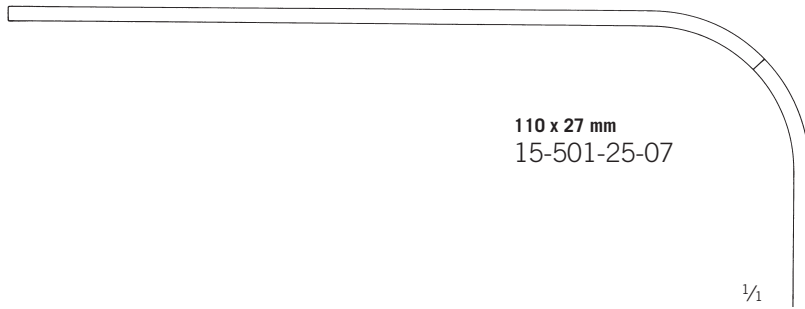
78 x 55 mm
15-471-02-07

78 x 65 mm
15-471-03-07

Kocher
15-471-01-07 -
15-471-03-07
25 cm / 9 7/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Martin
15-501-25-07
26,5 cm / 10 3/8"



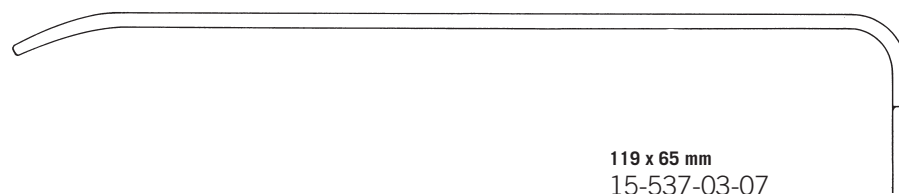
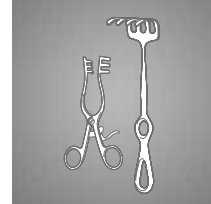
Simon
15-505-28-07 -
15-507-28-07
28 cm / 11"

Wundhaken

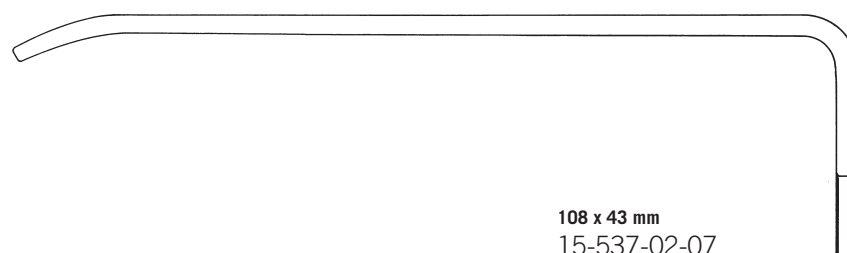
Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

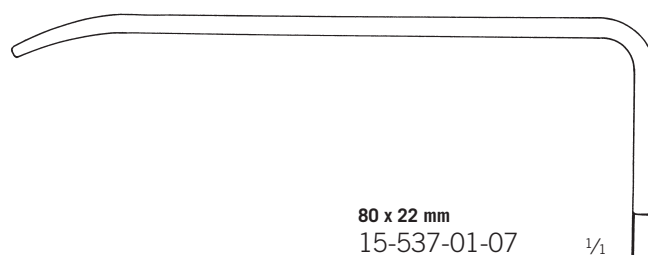
Retractors
Separadores
Ecarteurs
Divaricatori



119 x 65 mm
15-537-03-07



108 x 43 mm
15-537-02-07



80 x 22 mm
15-537-01-07

1/1



1/2

Coryllos
15-537-01-07 -
15-537-03-07
24 cm / 9 4/8"

15

Scapulahaken

Scapula Retractors
Separadores para escápula
Ecarteurs pour scapula
Divaricatori per scapola



1/2

80 x 54 mm

Davidson

15-545-01-07

19 cm / 7 4/8"



1/2

75 x 93 mm

Davidson

15-545-02-07

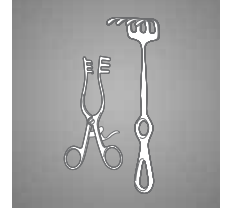
18,5 cm / 7 2/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

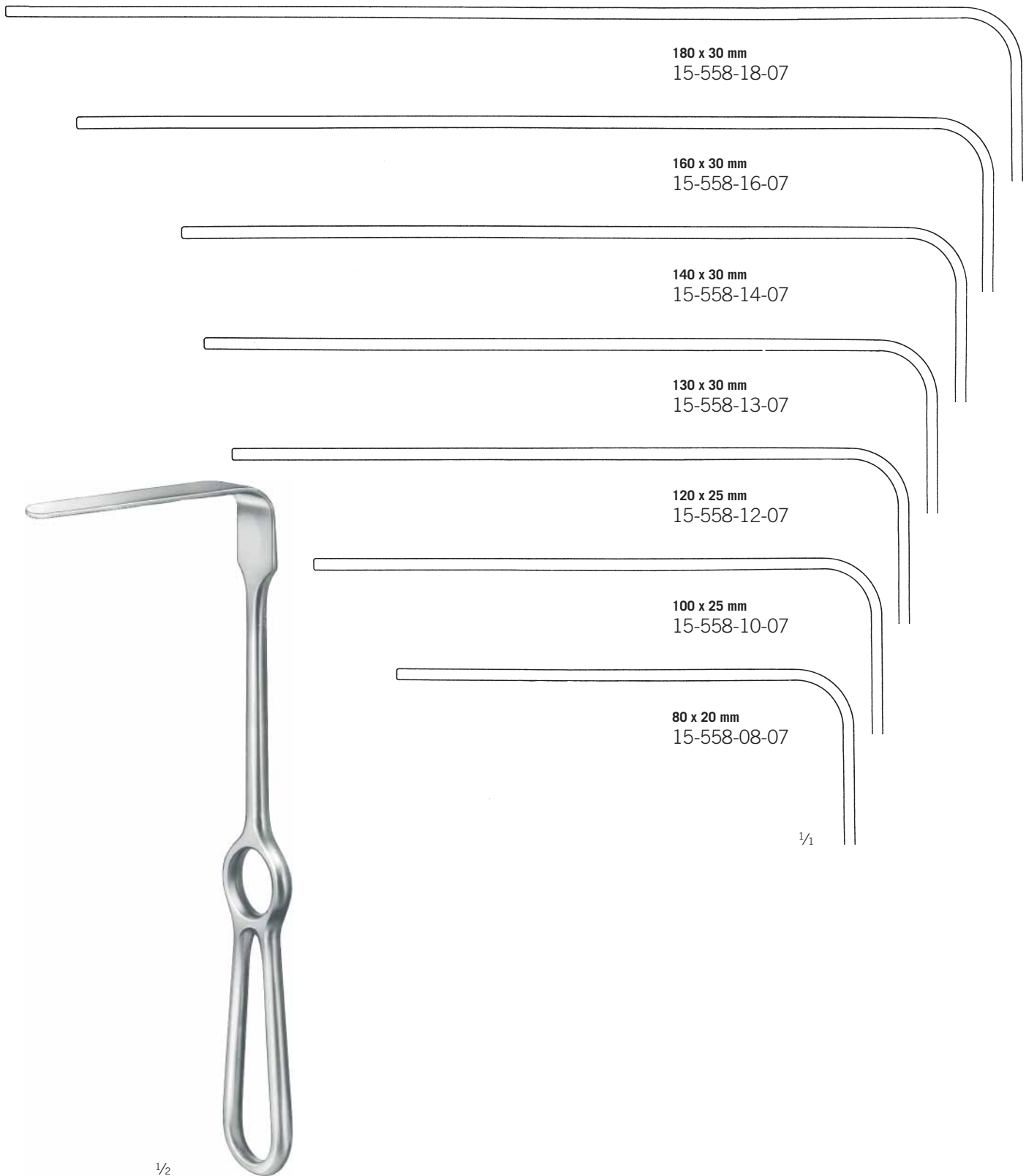
Retractors
Separadores
Ecarteurs
Divaricatori



Sauerbruch
15-551-25-07
25,5 cm / 10 "

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



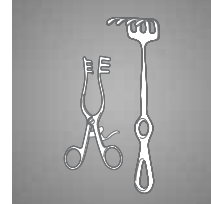
Brunner
15-558-08-07 -
15-558-18-07
25,5 cm / 10 "

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



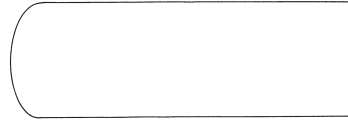
1/2

Brunner
15-559-08-07 -
15-559-18-07
25,5 cm / 10 "

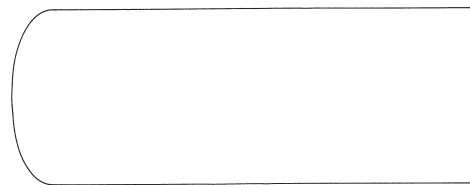
15

Wundhaken

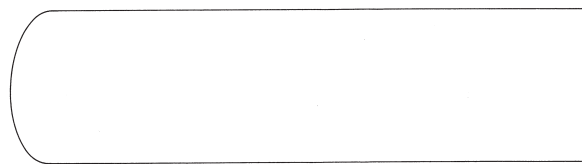
Retractors
Separadores
Ecarteurs
Divaricatori



45 x 15 mm
15-561-01-07



60 x 23 mm
15-561-02-07



72 x 20 mm
15-561-03-07

1/1



1/2

Sauerbruch
15-561-01-07 -
15-561-03-07
22,5 cm / 8 7/8"

Aortaklappenhaken

Aortic Valve Retractors
Retractor de válvula aórtica
Écarteurs pour valve aortique
Retrattori per valvola aortica

Wundhaken

Retractors
Separadores
Écarteurs
Divaricatori

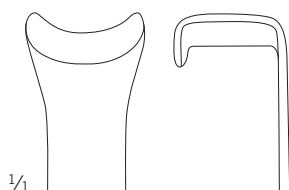
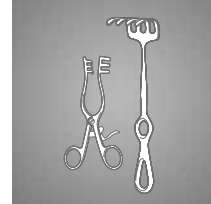


Fig. 1
13 x 16 mm
15-563-01-07
26,5 cm / 10 ³/₈"

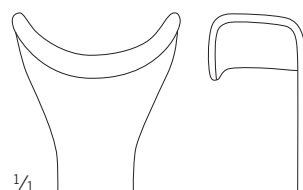


Fig. 2
11 x 22 mm
15-563-02-07
27 cm / 10 ⁵/₈"

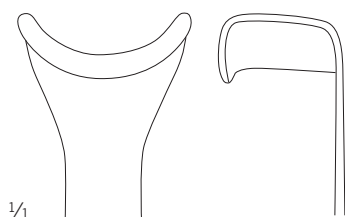


Fig. 3
15 x 23 mm
15-563-03-07
27 cm / 10 ⁵/₈"

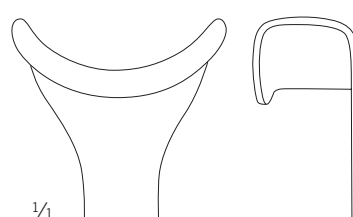


Fig. 4
12 x 28 mm
15-563-04-07
27,5 cm / 10 ⁷/₈"

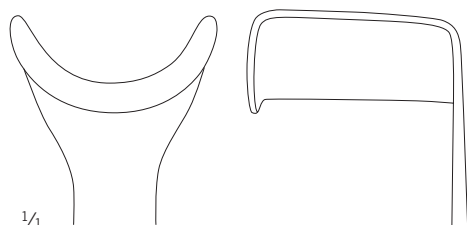


Fig. 5
27 x 27 mm
15-563-05-07
27,5 cm / 10 ⁷/₈"

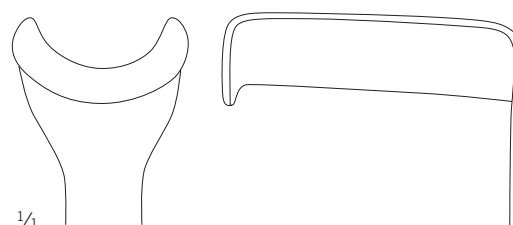


Fig. 6
38 x 24 mm
15-563-06-07
27,5 cm / 10 ⁷/₈"



1/2

Ross
15-563-01-07 -
15-563-06-07

flexibler Schaft
flexible shaft
vástago flexible
tíge flexible
asta flessibile

Aortaklappenhaken

Aortic Valve Retractors

Retractor de válvula aórtica

Écarteurs pour valve aortique

Retrattori per valvola aortica

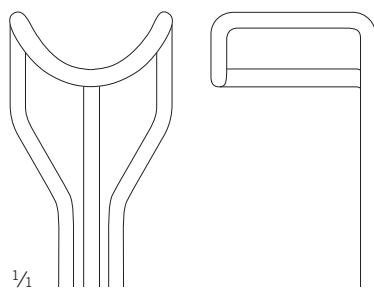


Fig. 1

17 x 21 mm

15-564-01-07

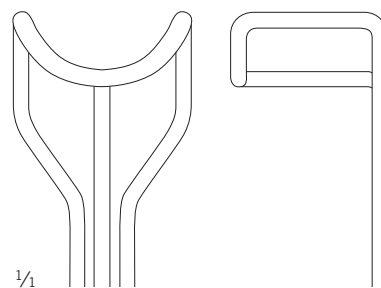


Fig. 2

16 x 23 mm

15-564-02-07

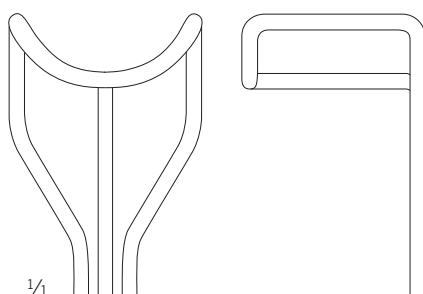


Fig. 3

15-564-03-07

20 x 25 mm

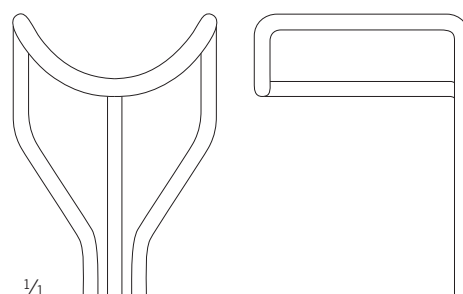


Fig. 4

15-564-04-07

24 x 27 mm

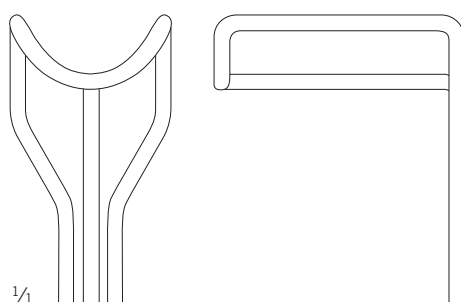


Fig. 5

15-564-05-07

28 x 20 mm

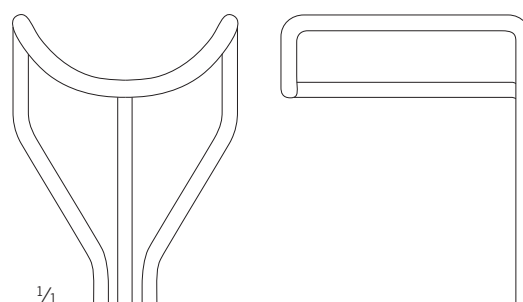


Fig. 6

15-564-06-07

28 x 29 mm

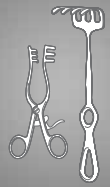
Borowski
15-564-01-07 -
15-564-06-07
27 cm / 10 5/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



15

1/2

Polloson
15-577-27-07
29 cm / 11 ³/₈"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



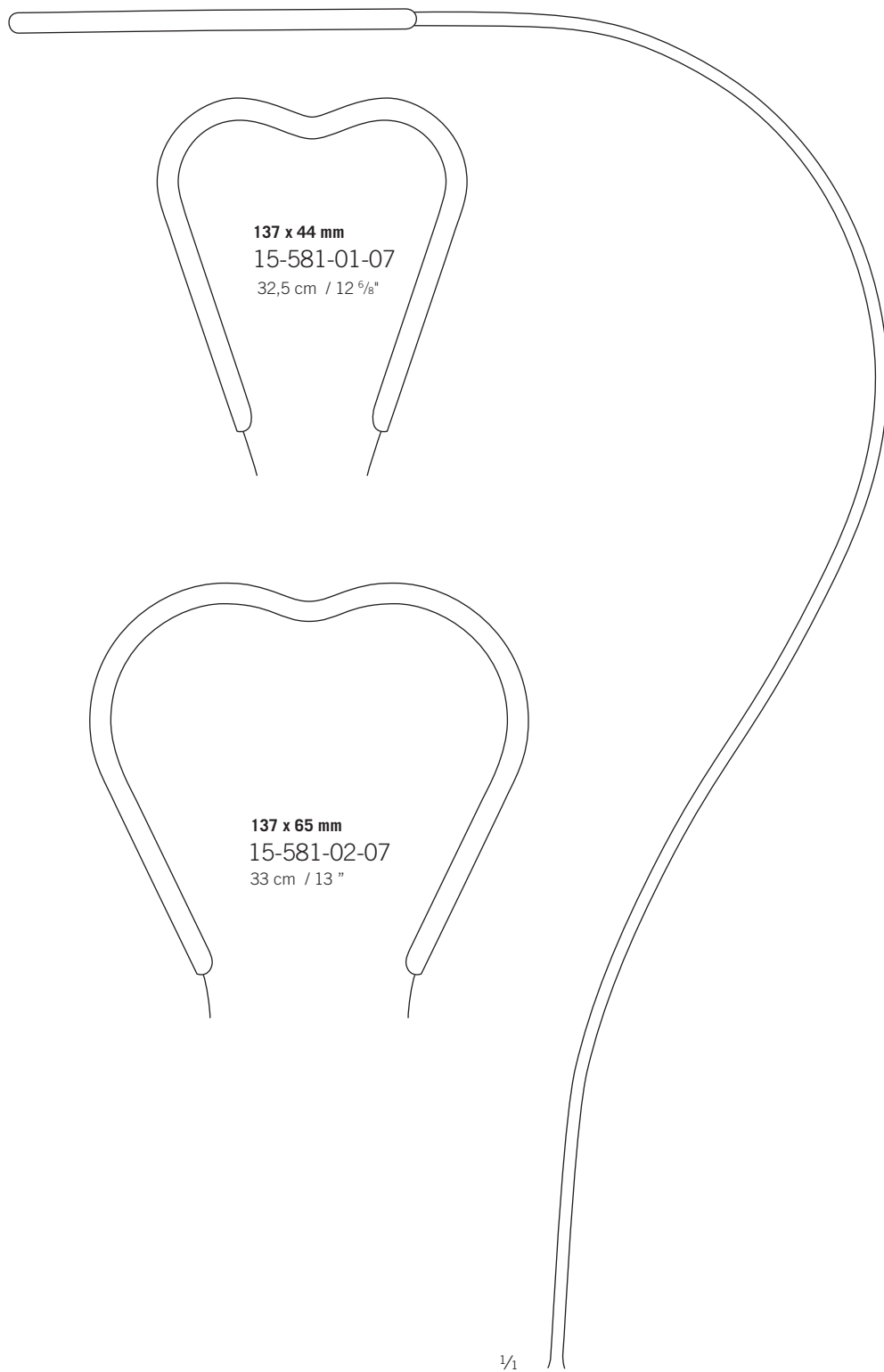
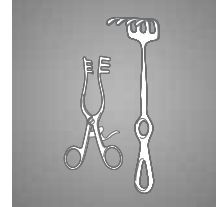
Polloson
15-579-27-07
26 cm / 10 ⁴/₈"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



15



1/2

Harrington
15-581-01-07 -
15-581-02-07

1/1

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



19 mm
Deaver
15-591-01-07
18 cm / 7 ¹/₈"

22 mm
Deaver
15-591-02-07
21,5 cm / 8 ⁴/₈"

25 mm
Deaver
15-591-03-07
26 cm / 10 ²/₈"

25 mm
Deaver
15-591-04-07
30,5 cm / 12"

25 mm
Deaver
15-591-05-07
33,5 cm / 13 ²/₈"

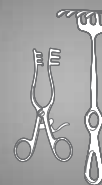
25 mm
Deaver
15-591-06-07
34,5 cm / 13 ⁵/₈"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2

38 mm
Deaver
15-591-07-07
32 cm / 12 5/8"



50 mm
Deaver
15-591-08-07
31,5 cm / 12 3/8"



75 mm
Deaver
15-591-09-07
31,5 cm / 12 3/8"

15

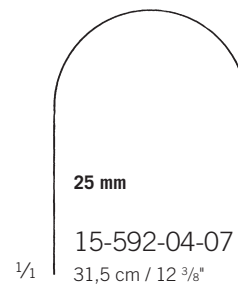
Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2

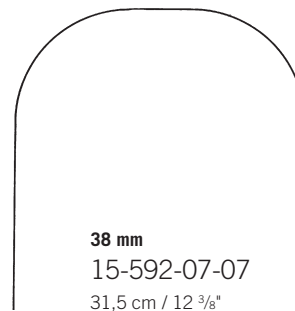
Deaver
15-592-04-07 -
15-592-10-07



25 mm

15-592-04-07

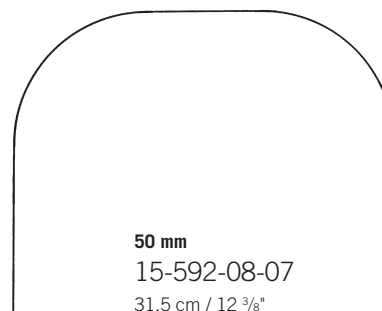
1/1 31,5 cm / 12 3/8"



38 mm

15-592-07-07

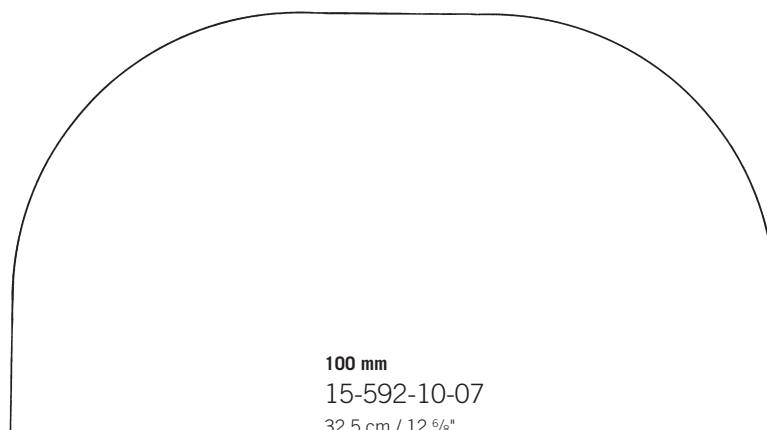
31,5 cm / 12 3/8"



50 mm

15-592-08-07

31,5 cm / 12 3/8"



100 mm

15-592-10-07

32,5 cm / 12 6/8"

Atriumhaken

Atrium Retractors
Separadores para atrio
Ecarteurs pour atrium
Divaricatori per atrio

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Sic



1/2

48 x 48 mm

Cooley

15-593-01-01

25 cm / 9 7/8"

rechts
right
derecho
droit
destra



1/2

48 x 48 mm

Cooley

15-593-02-01

25 cm / 9 7/8"

rechts, gerieft
right, serrated
derecho, estriado
droit, avec stries
destra, con striatura



1/2

30 x 48 mm

Cooley

15-593-03-01

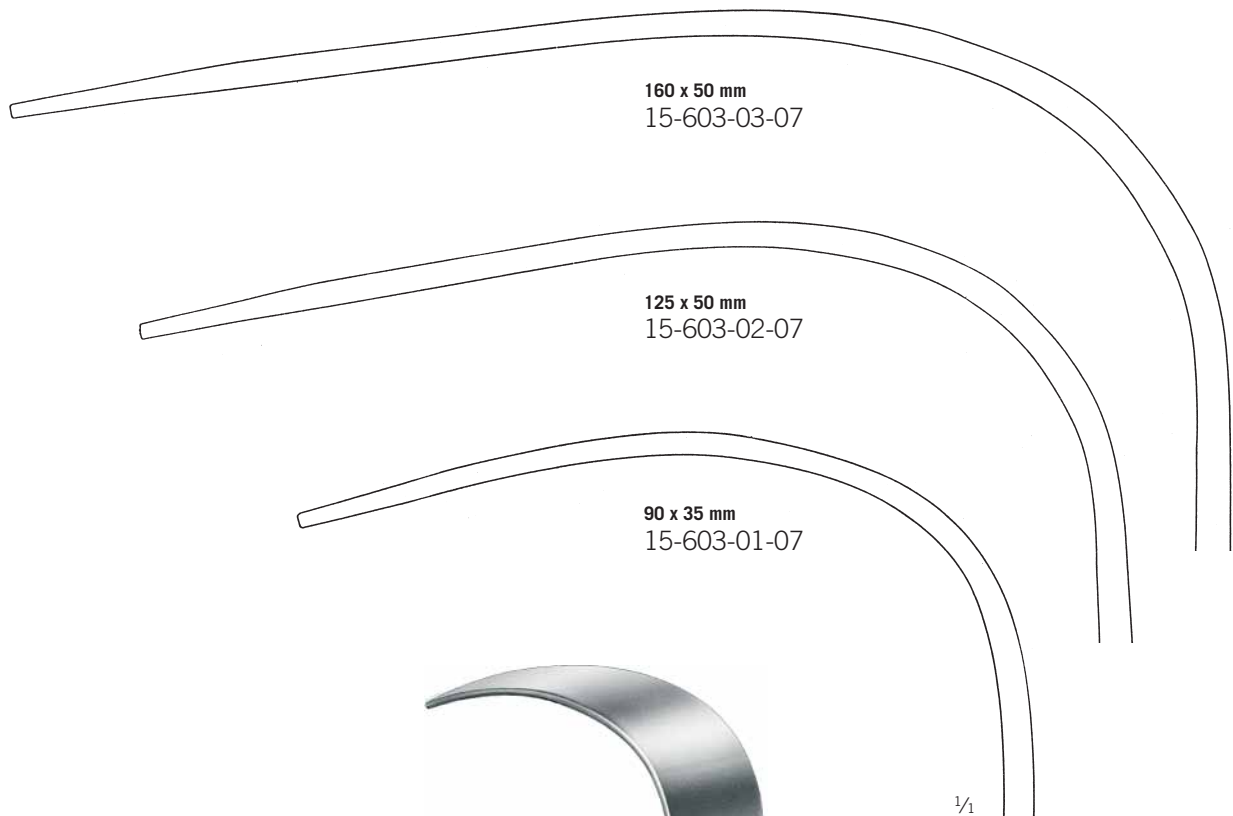
27,5 cm / 10 7/8"

links
left
izquierdo
gauche
sinistra

15

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



160 x 50 mm
15-603-03-07

125 x 50 mm
15-603-02-07

90 x 35 mm
15-603-01-07

1/2

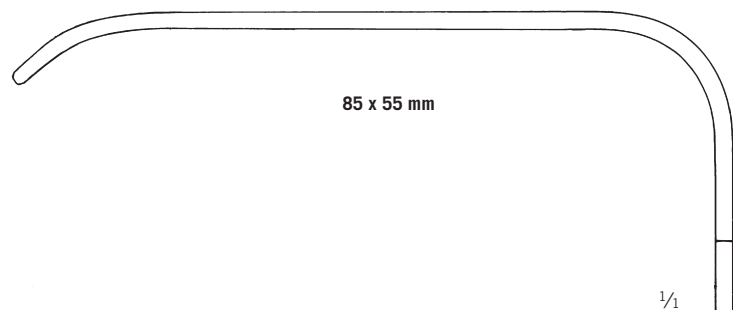
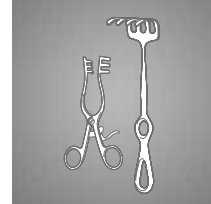
Mikulicz
15-603-01-07 -
15-603-03-07
25 cm / 9 7/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

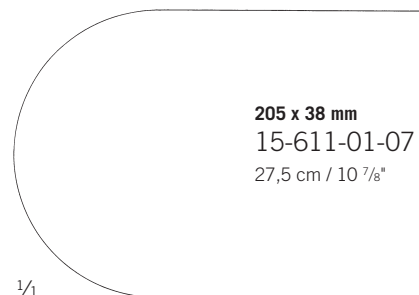
Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



85 x 55 mm

1/1

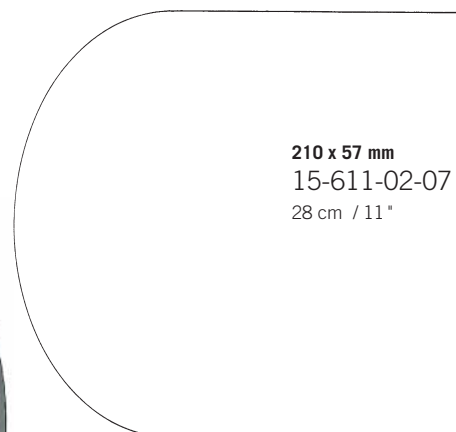


205 x 38 mm

15-611-01-07

27,5 cm / 10 7/8"

1/1



210 x 57 mm

15-611-02-07

28 cm / 11"

15



1/2

Mikulicz
15-607-26-07
26 cm / 10 7/8"



1/2

Kelly
15-611-01-07 -
15-611-02-07

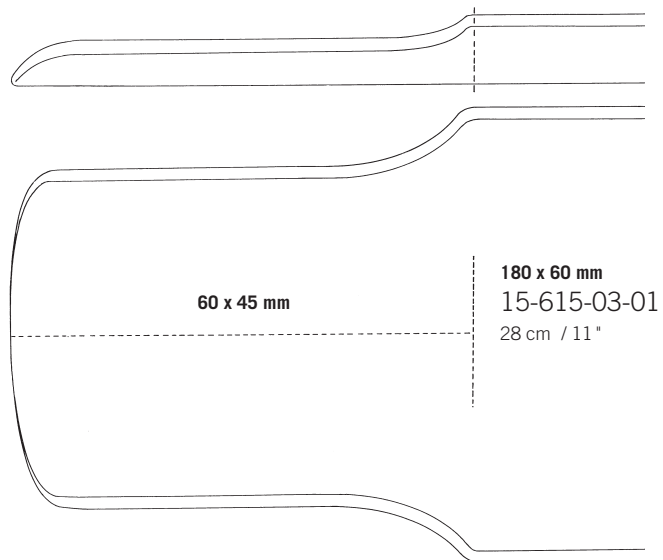
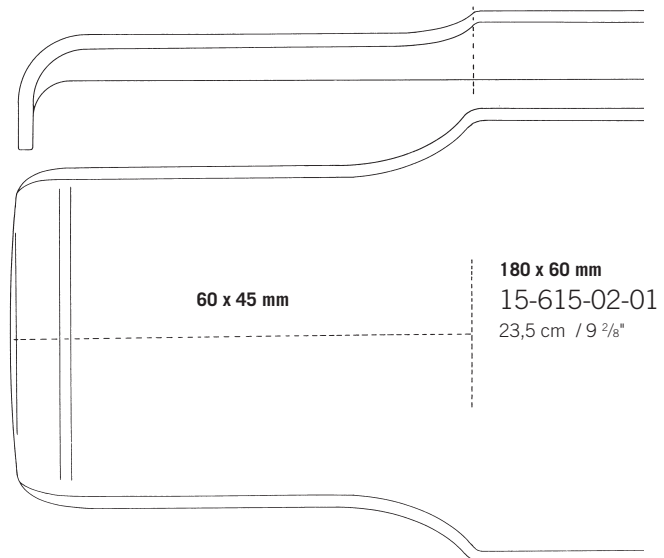
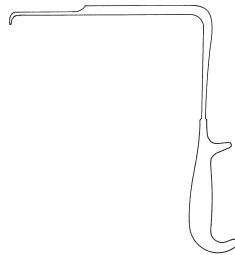
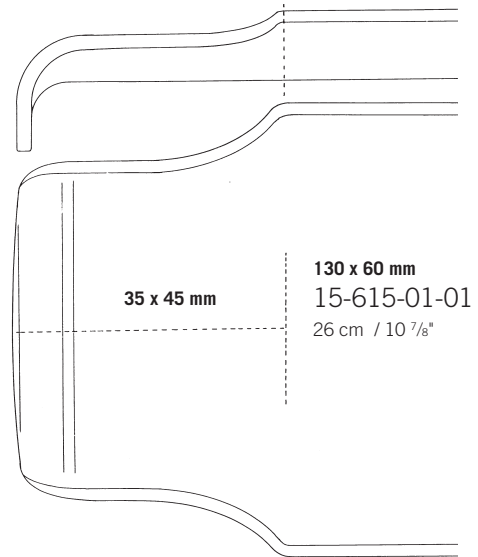
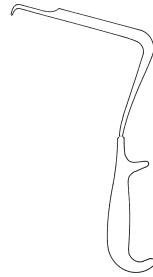
Pelvishaken

Pelvis Retractors

Separadores para pelvis

Ecarteurs pour pelvis

Divaricatori per pelvis



1/2

St. Marks
15-615-01-01 -
15-615-03-01

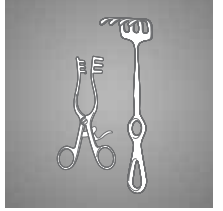
1/1

Bauchspatel

Abdominal Spatulas
Espátulas abdominales
Spatules abdominales
Spatole addominali

Wundhaken

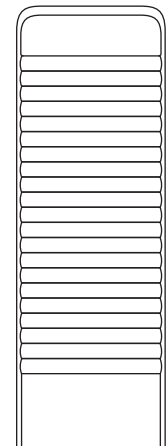
Retractors
Separadores
Ecarteurs
Divaricatori



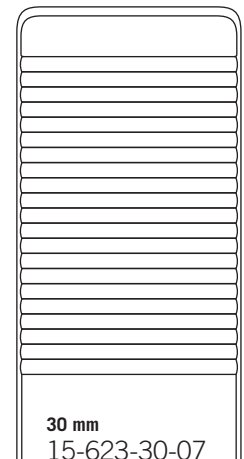
Kümmel
15-621-28-07
31 cm / 12 ²/₈"



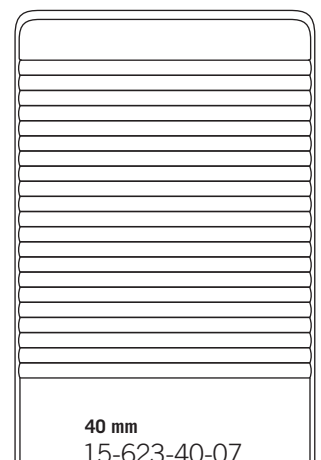
Kader
15-623-20-07 -
15-623-40-07
28 cm / 11"



20 mm
15-623-20-07



30 mm
15-623-30-07

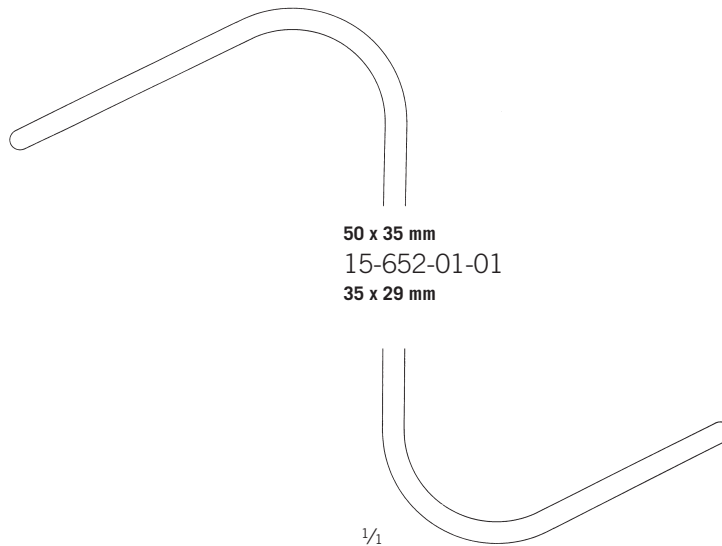


40 mm
15-623-40-07



1/2

Collin-Hartmann
15-652-01-07
15 cm / 5 7/8"



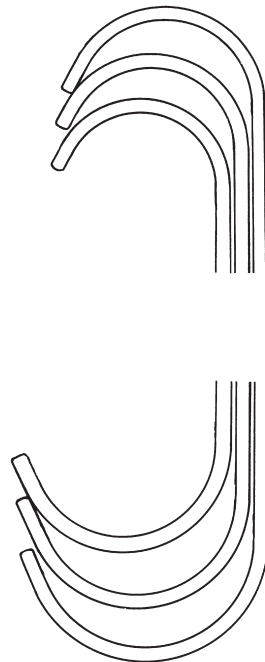
50 x 35 mm
15-652-01-01
35 x 29 mm

1/1



1/2

Roux
15-655-00-01 -
15-655-03-01



1/1

Fig. 1

22 x 21 mm
27 x 29 mm
15-655-01-01
14,5 cm / 5 6/8"

Fig. 2

25 x 26 mm
30 x 38 mm
15-655-02-01
16 cm / 6 2/8"

Fig. 3

28 x 29 mm
33 x 43 mm
15-655-03-01
17 cm / 6 6/8"

Fig. 1 - 3
15-655-00-01
17 cm / 6 6/8"
Satz
Set

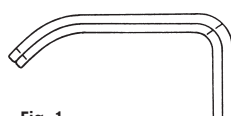
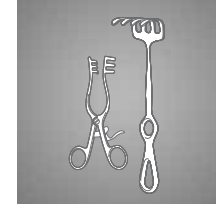


Fig. 1
26 x 10 mm / 30 x 13 mm



Fig. 2
30 x 10 mm / 34 x 13 mm

Farabeuf
15-663-00-07
12 cm / 4 5/8"

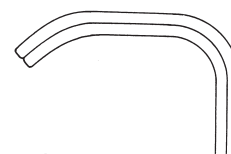


Fig. 1
23 x 16 mm / 26 x 16 mm

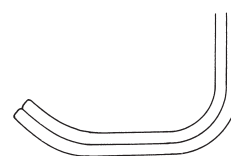
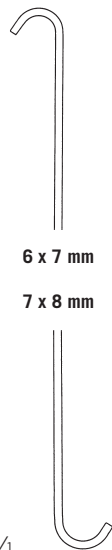


Fig. 2
27 x 16 mm / 30 x 16 mm

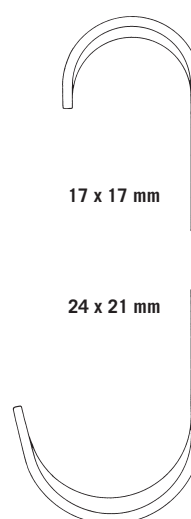
Farabeuf
15-665-00-07
15,5 cm / 6 1/8"



6 x 7 mm

7 x 8 mm

Roux-Mini
15-667-06-01
14,5 cm / 5 5/8"



17 x 17 mm

24 x 21 mm

Roux-Baby
15-669-13-01
12,5 cm / 4 7/8"

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori

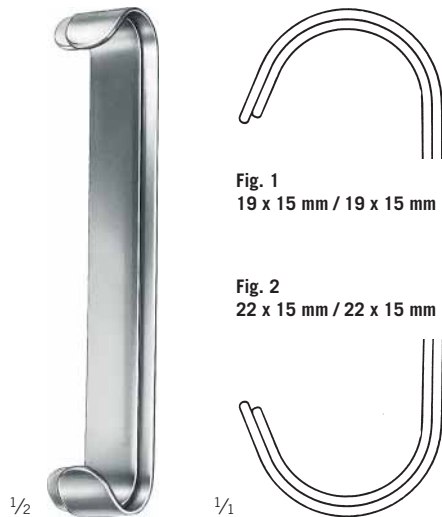


Fig. 1
19 x 15 mm / 19 x 15 mm

Fig. 2
22 x 15 mm / 22 x 15 mm

Parker
15-673-01-07
14 cm / 5 1/8"

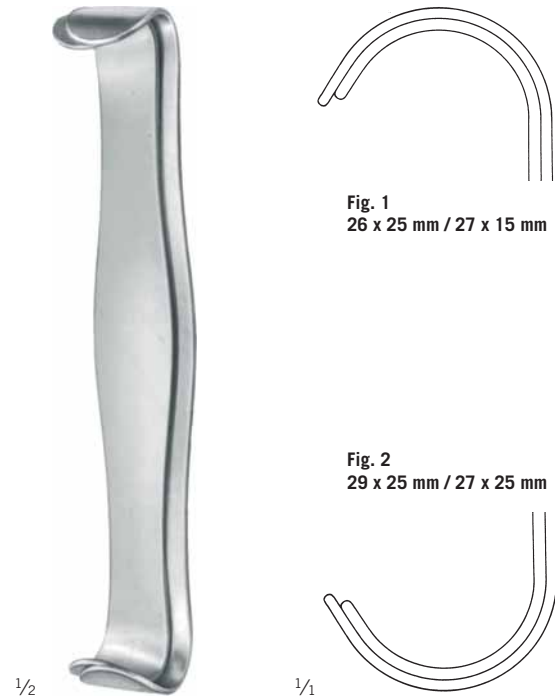


Fig. 1
26 x 25 mm / 27 x 15 mm

Fig. 2
29 x 25 mm / 27 x 25 mm

Parker
15-673-02-07
18,5 cm / 7 3/8"

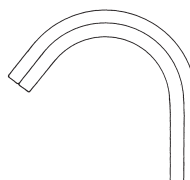


Fig. 1
21 x 24 mm

Fig. 2
21 x 24 mm

Fig. 1
68 x 24 mm

Fig. 2
72 x 24 mm

Parker-Mott
15-675-00-07
16 cm / 6 2/8"

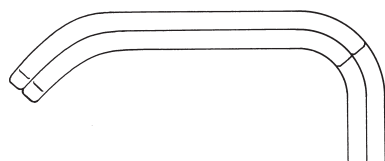
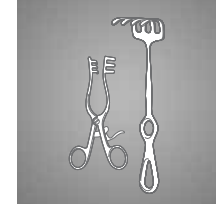


Fig. 1
42 x 13 mm / 42 x 26 mm

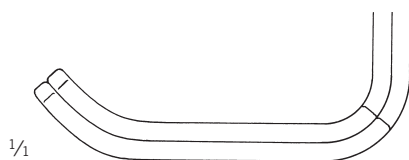
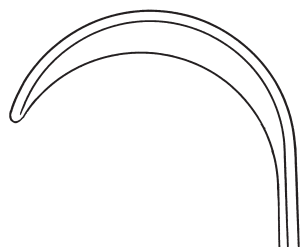
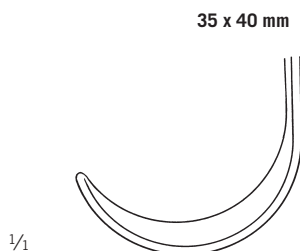


Fig. 2
47 x 13 mm / 46 x 26 mm

Mathieu
15-683-00-07
20 cm / 7 7/8"



26 x 30 mm



35 x 40 mm

Goelet
15-695-00-01
19 cm / 7 4/8"

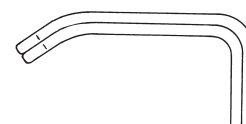


Fig. 1
21 x 15 mm / 40 x 15 mm



Fig. 2
25 x 15 mm / 45 x 15 mm

Parker-Langenbeck
15-687-00-07
21,5 cm / 8 4/8"

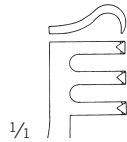
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/1

15-700-05-07

5 cm / 2"

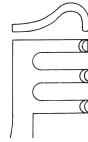
scharf
sharp
agudo
pointu
acuto



2:3



16 mm



15-701-05-07

5 cm / 2"

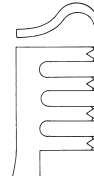
stumpf
blunt
romo
mousse
smusso



2:3



16 mm



15-702-07-07

7 cm / 2 5/8"

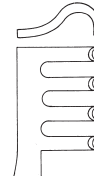
scharf
sharp
agudo
pointu
acuto



3:4



20 mm



15-703-07-07

7 cm / 2 5/8"

stumpf
blunt
romo
mousse
smusso



3:4



20 mm

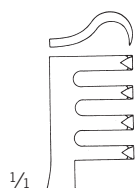


1/2

Finsen

15-700-05-07 -

15-703-07-07



1/1

15-704-07-07

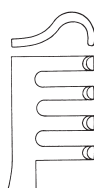
mit Stellschraube, scharf
with adjusting screw, sharp
con tornillo de ajuste, agudo
avec vis d'ajustage, pointu
con vite di arresto, acuto



3:4



30 mm



15-705-07-07

mit Stellschraube, stumpf
with adjusting screw, blunt
con tornillo de ajuste, romo
avec vis d'ajustage, mousse
con vite di arresto, smusso



3:4



30 mm



1/2

Finsen-Martin

15-704-07-07 -

15-705-07-07

7,5 cm / 3"

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

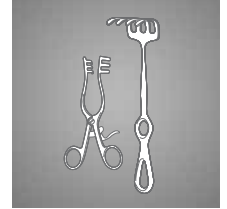
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



1/1

Buckley
15-710-06-07

6 cm / 2 3/8"

scharf
sharp
agudo
pointu
acuto



3:3



25 mm



1/1

15-708-04-07

mit Stellschraube, scharf
with adjusting screw, sharp
con tornillo de ajuste, agudo
avec vis d'ajustage, pointu
con vite di arresto, acuto



1/2

Logan
15-708-04-07

4 cm / 1 3/8"



3:3



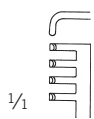
16 mm



1/2

15-717-10-07

10 cm / 3 7/8"



1/1

stumpf
blunt
romo
mousse
smusso



4:4



24 mm

Wundspreizer, selbsthaltend

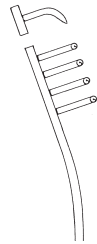
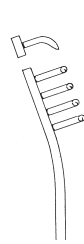
Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

1/1



15-714-07-07

7 cm / 2 5/8"

scharf
sharp
agudo
pointu
acuto



4:4



55 mm

15-714-10-07

10 cm / 3 7/8"

scharf
sharp
agudo
pointu
acuto



4:4



70 mm

15-715-07-07

7 cm / 2 5/8"

stumpf
blunt
romo
mousse
smusso



4:4



55 mm

15-715-10-07

10 cm / 3 7/8"

stumpf
blunt
romo
mousse
smusso



4:4



70 mm

1/2

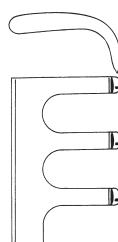
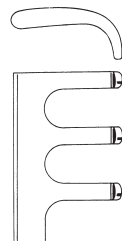


Alm

15-714-07-07 -
15-715-10-07

mit Stellschraube
with adjusting screw
con tornillo de ajuste
avec vis d'ajustage
con vite di arresto

1/1



15-723-10-07

mit Stellschraube, stumpf
with adjusting screw, blunt
con tornillo de ajuste, romo
avec vis d'ajustage, mousse
con vite di arresto, smusso



3:3



47 mm

15-723-20-07

mit Stellschraube, scharf
with adjusting screw, sharp
con tornillo de ajuste, agudo
avec vis d'ajustage, pointu
con vite di arresto, acuto



3:3



47 mm

1/2



Jansen

15-723-10-07-
15-723-20-07

10 cm / 3 7/8"

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

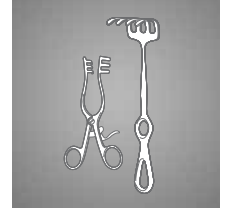
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



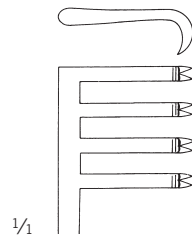
1/2

Scalp-Contour

15-725-14-07 -

15-727-14-07

13,5 cm / 5 3/8"



1/1

15-725-14-07

13,5 cm / 5 3/8"

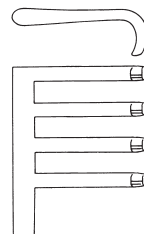
scharf

sharp

agudo

pointu

acuto



15-727-14-07

13,5 cm / 5 3/8"

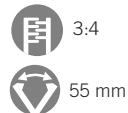
stumpf

blunt

romo

mousse

smusso

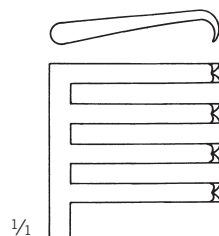


1/2

Anderson-Adson

15-732-20-07

19 cm / 7 4/8"



1/1

scharf

sharp

agudo

pointu

acuto



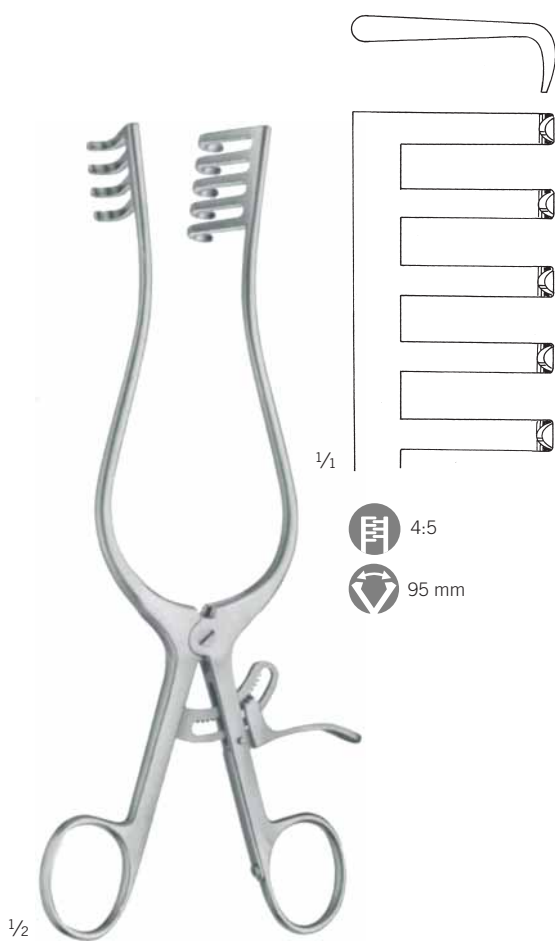
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

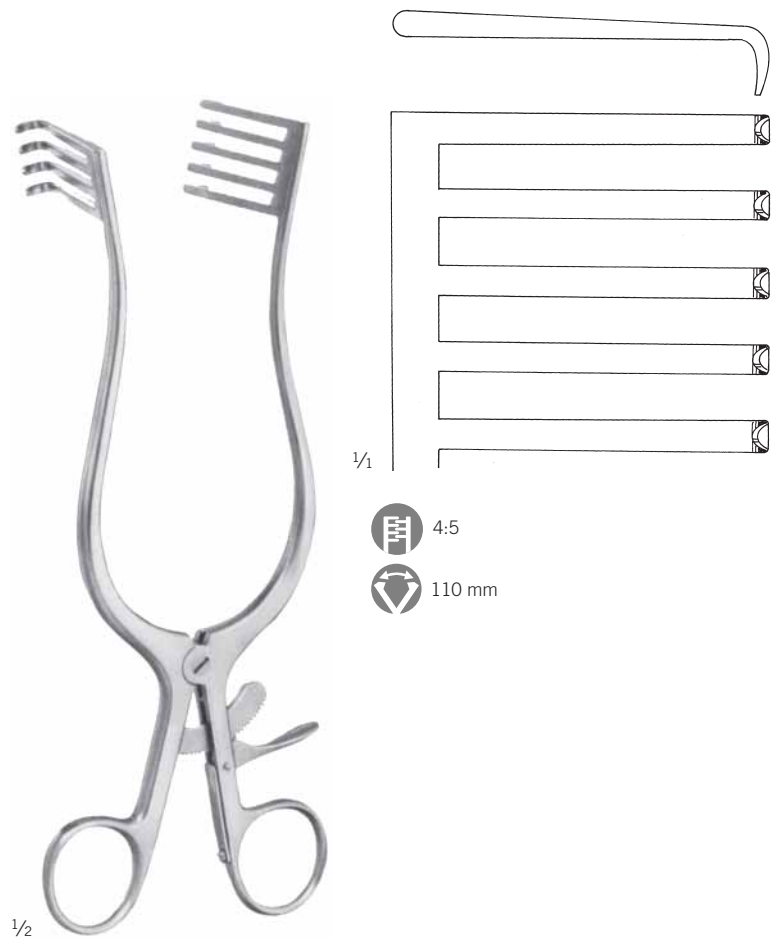
Divaricatori autostatici



Travers
15-733-21-07

21,5 cm / 8 4/8"

stumpf
blunt
romo
mousse
smusso



Norfolk-Norwich
15-733-22-07

22 cm / 8 5/8"

stumpf
blunt
romo
mousse
smusso

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

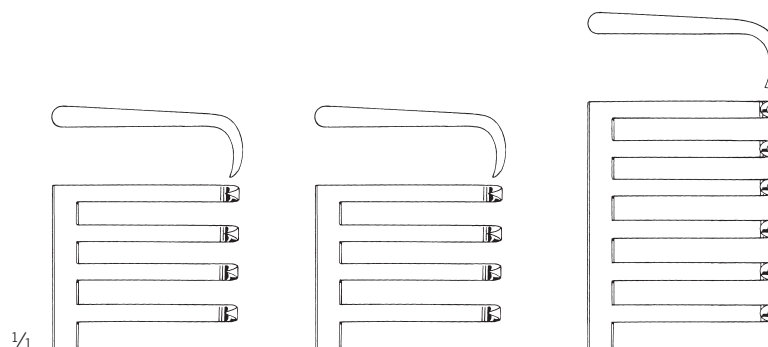
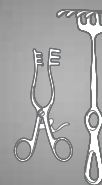
Wundhaken

Retractors

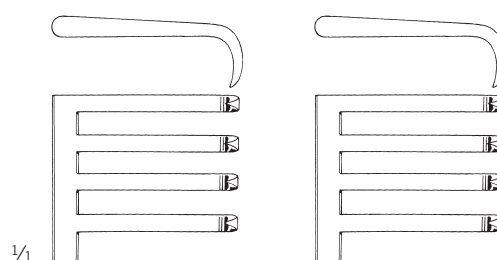
Separadores

Ecarteurs

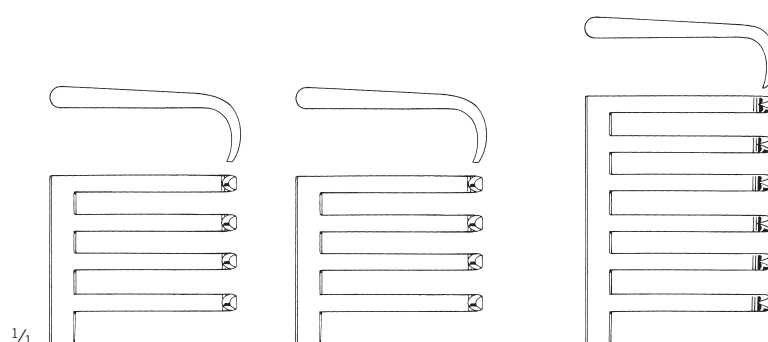
Divaricatori



scharf sharp agudo pointu acuto		15-734-20-07	15-734-24-07	15-734-26-07
		20 cm / 7 7/8"	24 cm / 9 4/8"	25,5 cm / 10"
		3:4	3:4	5:6
		90 mm	90 mm	90 mm



halbscharf semi-sharp semi-agudo semi-pointu semi acuto		15-734-21-07	15-736-24-07
		20 cm / 7 7/8"	24 cm / 9 4/8"
		3:4	3:4
		90 mm	90 mm



stumpf blunt romo mousse smusso		15-735-20-07	15-735-24-07	15-735-26-07
		20 cm / 7 7/8"	24 cm / 9 4/8"	25,5 cm / 10"
		3:4	3:4	5:6
		90 mm	90 mm	90 mm



Weitlaner
15-734-20-07 -
15-735-26-07

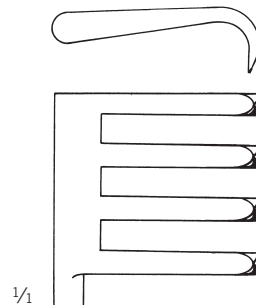
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



15-736-26-07

26 cm / 10 2/8"

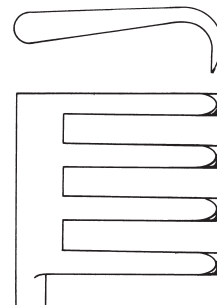
scharf
sharp
agudo
pointu
acuto



3:4



100 mm



15-736-27-07

26 cm / 10 2/8"

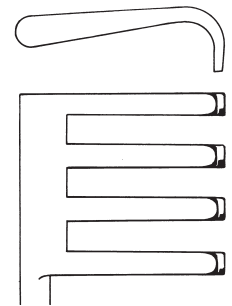
halbscharf
semi-sharp
semi-agudo
semi-pointu
semi acuto



3:4



100 mm



15-737-26-07

26 cm / 10 2/8"

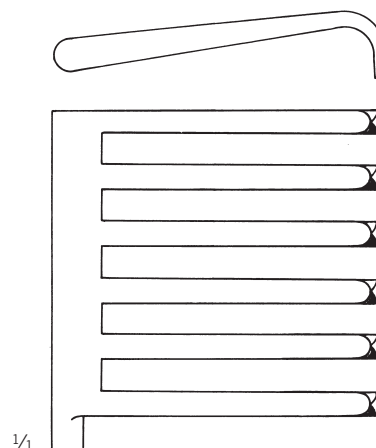
stumpf
blunt
romo
mousse
smusso



3:4



100 mm



15-738-26-07

29 cm / 11 3/8"

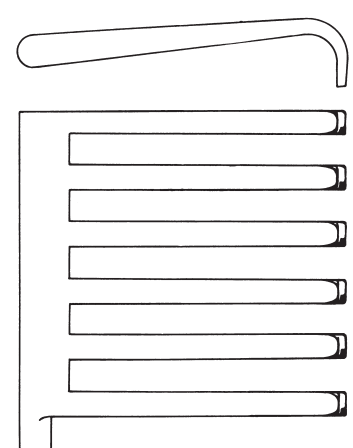
scharf
sharp
agudo
pointu
acuto



6:6



110 mm



15-739-26-07

29 cm / 11 3/8"

stumpf
blunt
romo
mousse
smusso



6:6



110 mm



Adson

15-736-26-07 -

15-739-26-07

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

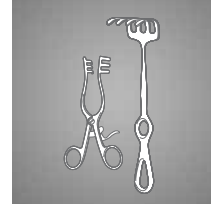
Wundhaken

Retractors

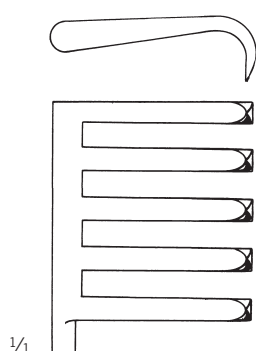
Separadores

Ecarteurs

Divaricatori



15



15-738-25-07

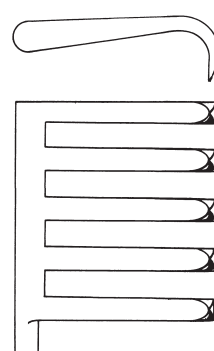
scharf
sharp
agudo
pointu
acuto



5:6



110 mm



15-738-27-07

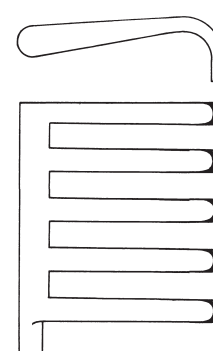
halbscharf
semi-sharp
semi-agudo
semi-pointu
semi acuto



5:6



110 mm



15-739-25-07

stumpf
blunt
rombo
mousse
smusso



5:6



100 mm

15-738-25-07 -
15-739-25-07
25,5 cm / 10"

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

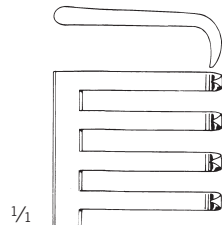
Divaricatori autostatici



1/2

15-740-13-07 -
15-741-13-07

13 cm / 5 1/8"



1/1

15-740-13-07

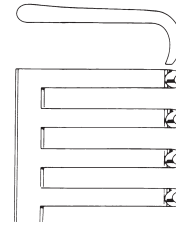
scharf
sharp
agudo
pointu
acuto



3:4



43 mm



15-741-13-07

stumpf
blunt
romo
mousse
smusso



3:4



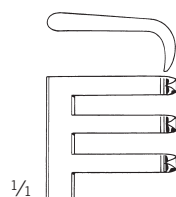
43 mm



1/2

Weitlaner
15-747-10-07 -
15-749-10-07

11 cm / 4 3/8"



1/1

15-747-10-07

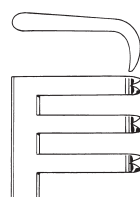
scharf
sharp
agudo
pointu
acuto



2:3



40 mm



15-748-10-07

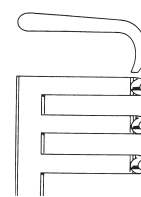
halbscharf
semi-sharp
semi-agudo
semi-pointu
semi acuto



2:3



40 mm



15-749-10-07

stumpf
blunt
romo
mousse
smusso



2:3



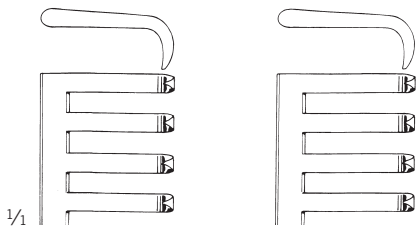
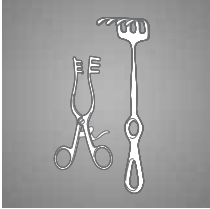
40 mm

Wundspreizer, selbsthaltend

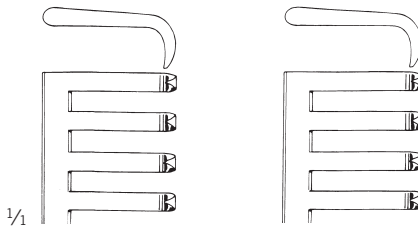
Wound Spreaders, self-retaining
Separadores autoestáticos
Ecarteurs autostatiques
Divaricatori autostatici

Wundhaken

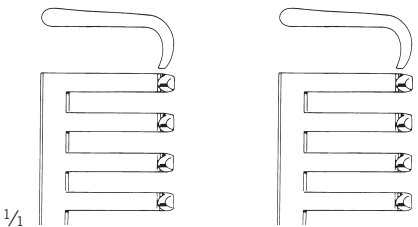
Retractors
Separadores
Ecarteurs
Divaricatori



scharf sharp agudo pointu acuto		15-750-13-07	15-750-16-07
		13,5 cm / 5 3/8"	16 cm / 6 2/8"
		43 mm	83 mm
		3:4	3:4



halbscharf semi-sharp semi-agudo semi-pointu semi acuto		15-750-14-07	15-750-17-07
		13,5 cm / 5 3/8"	16 cm / 6 2/8"
		43 mm	83 mm
		3:4	3:4



stumpf blunt romo mousse smusso		15-751-13-07	15-751-16-07
		13,5 cm / 5 3/8"	16 cm / 6 2/8"
		43 mm	83 mm
		3:4	3:4



Weitlaner
15-750-13-07 -
15-751-16-07

15

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



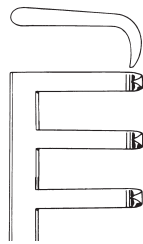
Weitlaner-Wullstein

15-752-13-07 -

15-753-13-07

13 cm / 5 1/8"

1/1



15-752-13-07

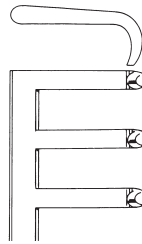
scharf
sharp
agudo
pointu
acuto



3:3



40 mm



15-753-13-07

stumpf
blunt
rombo
mousse
smusso



3:3



40 mm



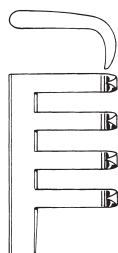
1/2

Mollison

15-754-15-07

15,5 cm / 6 1/8"

1/1



scharf
sharp
agudo
pointu
acuto



4:4



80 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

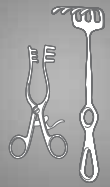
Wundhaken

Retractors

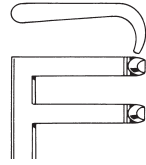
Separadores

Ecarteurs

Divaricatori



1/1



15-755-13-07

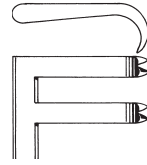
stumpf
blunt
romo
mousse
smusso



2:2



37 mm



15-756-13-07

scharf
sharp
agudo
pointu
acuto



2:2



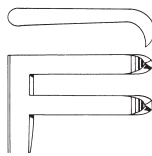
37 mm

Plester
15-755-13-07 -
15-756-13-07
13 cm / 5 1/8"

15



1/1



Plester
15-757-11-07
10,5 cm / 4 1/8"

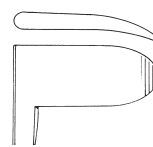
stumpf
blunt
romo
mousse
smusso



37 mm



1/1



Plester
15-759-11-07
10,5 cm / 4 1/8"

stumpf
blunt
romo
mousse
smusso



37 mm

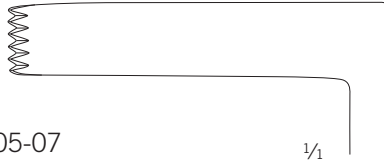
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



15-762-05-07

50 x 10 mm

Valve links voll

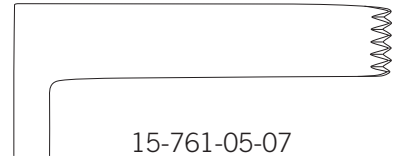
Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro

1/1



1/1

15-761-05-07

50 x 10 mm

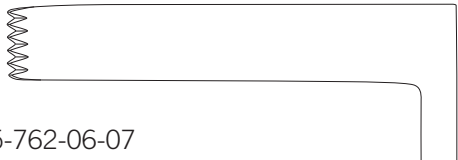
Valve rechts voll

Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro



15-762-06-07

60 x 10 mm

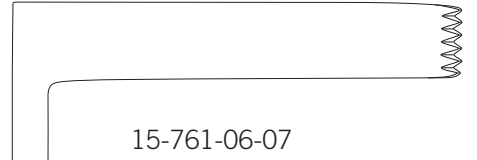
Valve links voll

Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro



15-761-06-07

60 x 10 mm

Valve rechts voll

Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro



15-762-07-07

70 x 10 mm

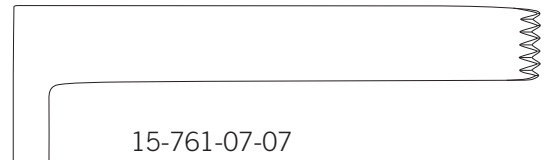
Valve links voll

Blade left full

Valva a la izquierda plena

Valve sur le bras à gauche

Valva sul braccio sinistro



15-761-07-07

70 x 10 mm

Valve rechts voll

Blade rightfull

Valva a la derecha plena

Valve sur le bras à droite

Valva sul braccio destro



1/2

Williams

15-761-05-07 -

15-762-07-07

17 cm / 6 5/8"

Wundspreizer, selbsthaltend, Mittelvalven

Wound Spreaders, self-retaining, Central Blades

Separadores autoestáticos, valvas centrales

Ecarteurs autostatiques, valves centrales

Divaricatori autostatici, valve centrali

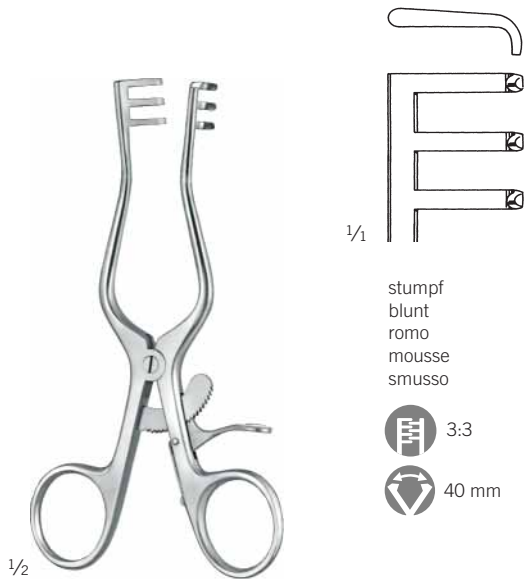
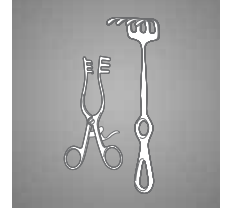
Wundhaken

Retractors

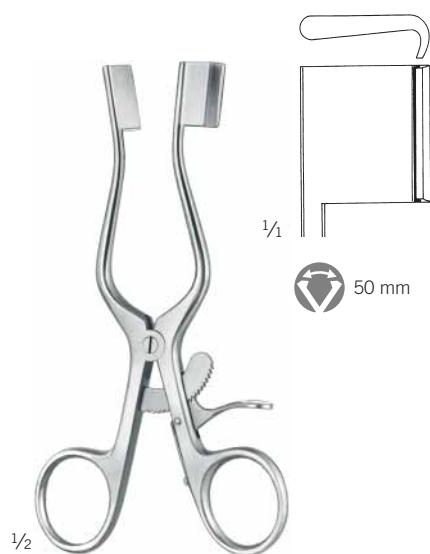
Separadores

Ecarteurs

Divaricatori



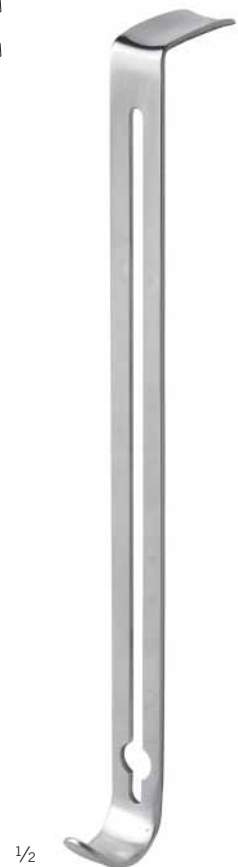
Milligan
15-765-13-07
13,5 cm / 5 3/8"



Weitlaner-Baby
15-767-13-07
13,5 cm / 5 3/8"



Hartmann
15-767-00-07
26 cm / 10 2/8"



15-767-01-07
30 x 15 mm
Mittelvalve
central blad
valva central
valve centrale
valva centrale

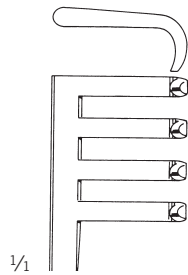
Wundspreizer, selbsthaltend, Mittelvalven

Wound Spreaders, self-retaining, Central Blades

Separadores autoestáticos, valvas centrales

Ecarteurs autostatiques, valves centrales

Divaricatori autostatici, valve centrali

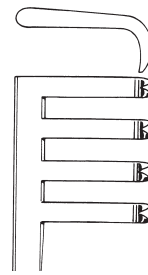


1/1

15-768-00-07



stumpf
blunt
romo
mousse
smusso



15-769-00-07



scharf
sharp
agudo
pointu
acuto



1/2

Henley
15-768-00-07 -
15-769-00-07

16,5 cm / 6 4/8"



komplett mit 3 Mittelvalven
Art.-Nr. 15-768-19-07, 15-768-25-07 und 15-768-32-07

complete with 3 central blades
ref. 15-768-19-07, 15-768-25-07 and 15-768-32-07

completo con 3 valvas centrales
ref. 15-768-19-07, 15-768-25-07 y 15-768-32-07

complet avec 3 valves centrales
réf. 15-768-19-07, 15-768-25-07 et 15-768-32-07

completo con 3 valve centrali
rif. 15-768-19-07, 15-768-25-07 e 15-768-32-07



1/2

15-768-19-07
19 x 17 mm



15-768-25-07
25 x 17 mm



15-768-32-07
32 x 17 mm

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

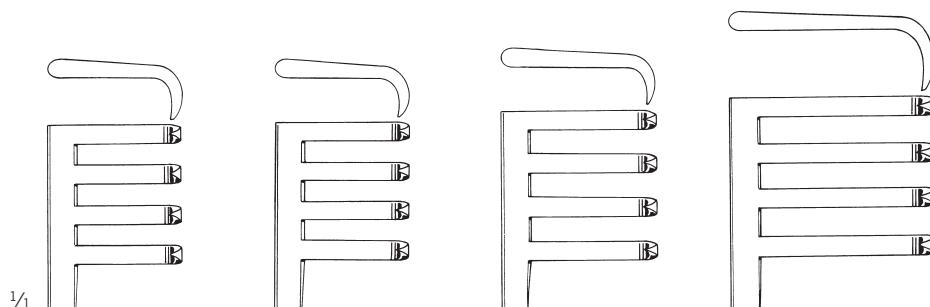
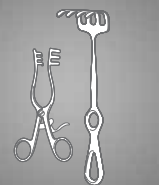
Wundhaken

Retractors

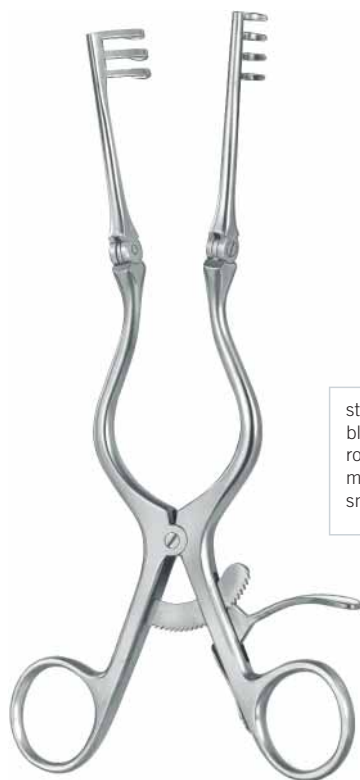
Separadores

Ecarteurs

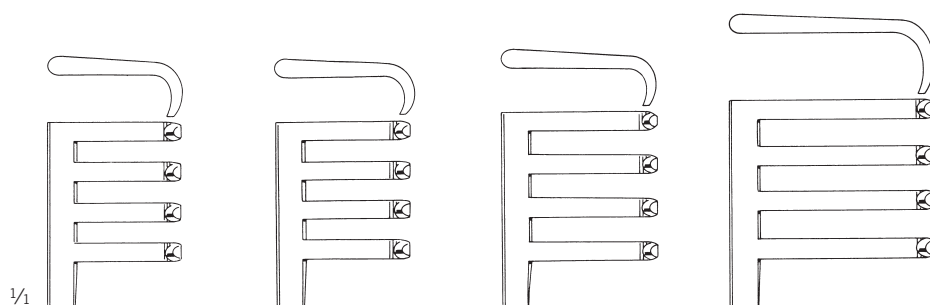
Divaricatori



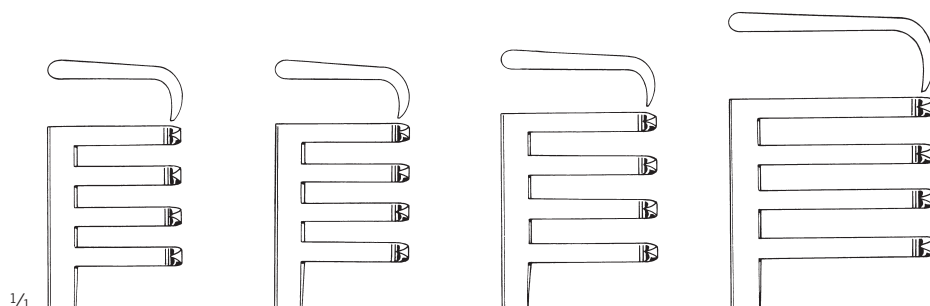
scharf sharp agudo pointu acuto		15-770-13-07	15-770-16-07	15-770-20-07	15-770-26-07
		14 cm / 5 4/8"	16,5 cm / 6 4/8"	21 cm / 8 2/8"	24,5 cm / 9 5/8"
		81 mm	90 mm	135 mm	135 mm
		3:4	3:4	3:4	3:4



Adson
15-770-13-07 -
15-772-26-07



stumpf blunt romo mousse smusso		15-771-13-07	15-771-16-07	15-771-20-07	15-771-26-07
		14 cm / 5 4/8"	16,5 cm / 6 4/8"	21 cm / 8 2/8"	24,5 cm / 9 5/8"
		81 mm	90 mm	135 mm	135 mm
		3:4	3:4	3:4	3:4



halbscharf semi-sharp semi-agudo semi-pointu semi acuto		15-772-13-07	15-772-16-07	15-772-20-07	15-772-26-07
		14 cm / 5 4/8"	16,5 cm / 6 4/8"	21 cm / 8 2/8"	24,5 cm / 9 5/8"
		81 mm	90 mm	135 mm	135 mm
		3:4	3:4	3:4	3:4

15

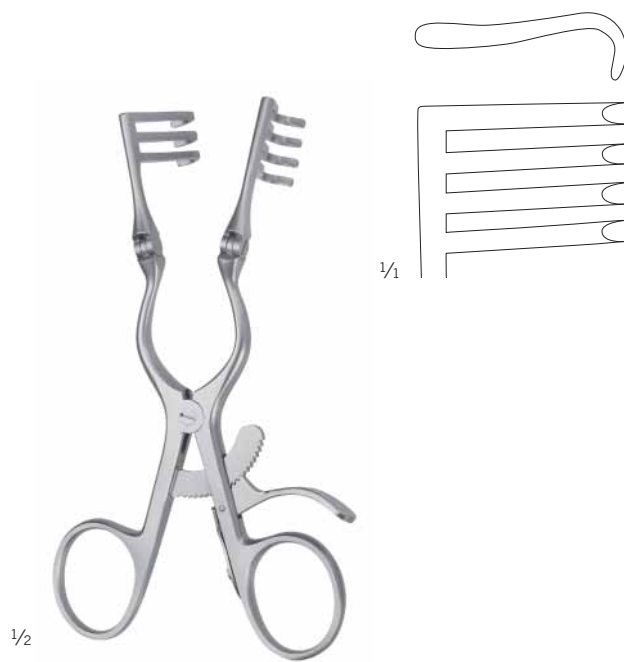
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



Adson
15-773-13-07

14 cm / 5 ⁴/₈"

stumpf

blunt

romo

mousse

smusso



3:4



60 mm

Wundspreizer, selbsthaltend, Valven

Wound Spreaders, self-retaining, Blades

Separadores autoestáticos, valvas

Ecarteurs autostatiques, valves

Divaricatori autostatici, valve

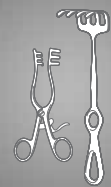
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



1/2

Cloward

15-774-00-07

komplett mit je 2 Steckvalven

Art.-Nr. 15-774-40-07 - 15-774-60-07

with 2 each plug-in blades

ref. 15-774-40-07 - 15-774-60-07

con 2 valvas enchufables de c.u.

ref. 15-774-40-07 - 15-774-60-07

chacun avec 2 valves interchangeables

réf. 15-774-40-07 - 15-774-60-07

con 2 valve ad innesto

rif. 15-774-40-07 - 15-774-60-07

1/2



15-774-40-07

4 cm / 1 5/8"



15-774-00-07 & 15-774-25-07

gezahnt, Paar
toothed, pair
dentado, par
dentelé, paire
dentato, paio



15-774-45-07

4,5 cm / 1 6/8"



15-774-00-07 & 15-774-25-07

gezahnt, Paar
toothed, pair
dentado, par
dentelé, paire
dentato, paio



15-774-50-07

5 cm / 2"



15-774-00-07 & 15-774-25-07

gezahnt, Paar
toothed, pair
dentado, par
dentelé, paire
dentato, paio



15-774-55-07

5,5 cm / 2 1/8"



15-774-00-07 & 15-774-25-07

gezahnt, Paar
toothed, pair
dentado, par
dentelé, paire
dentato, paio



15-774-60-07

6 cm / 2 3/8"



15-774-00-07 & 15-774-25-07

gezahnt, Paar
toothed, pair
dentado, par
dentelé, paire
dentato, paio

15-774-25-07

25 cm / 9 7/8"

Sperrer allein

Spreader only

Separador suelto

Ecarteur seul

Divaricatore solo

15

Wundspreizer, selbsthaltend, Valven

Wound Spreaders, self-retaining, Blades

Separadores autoestáticos, valvas

Ecarteurs autostatiques, valves

Divaricatori autostatici, valve



15-775-40-07

4 cm / 1 5/8"



15-775-00-07 & 15-775-15-07

glatt, Paar
smooth, pair
lisa, par
lisse, paire
liscio, paio



15-775-45-07

4,5 cm / 1 5/8"



15-775-00-07 & 15-775-15-07

glatt, Paar
smooth, pair
lisa, par
lisse, paire
liscio, paio



15-775-50-07

5 cm / 2"



15-775-00-07 & 15-775-15-07

glatt, Paar
smooth, pair
lisa, par
lisse, paire
liscio, paio



15-775-55-07

5,5 cm / 2 1/8"



15-775-00-07 & 15-775-15-07

glatt, Paar
smooth, pair
lisa, par
lisse, paire
liscio, paio



15-775-60-07

6 cm / 2 3/8"



15-775-00-07 & 15-775-15-07

glatt, Paar
smooth, pair
lisa, par
lisse, paire
liscio, paio



1/2

Cloward

15-775-00-07

komplett mit je 2 Steckvalven

Art.-Nr. 15-775-40-07 - 15-775-60-07

with 2 each plug-in blades

ref. 15-775-40-07 - 15-775-60-07

con 2 valvas enchufables de c.u.

ref. 15-775-40-07 - 15-775-60-07

chacun avec 2 valves interchangeables

réf. 15-775-40-07 - 15-775-60-07

con 2 valve ad innesto

rif. 15-775-40-07 - 15-775-60-07

15-775-15-07

15 cm / 5 7/8"

Sperrer allein

Spreader only

Separador solo

Ecarteur seul

Divaricatore solo

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

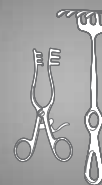
Wundhaken

Retractors

Separadores

Ecarteurs

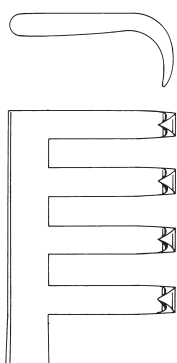
Divaricatori



1/2

Beckmann
15-776-31-07 -
15-776-32-07

1/1



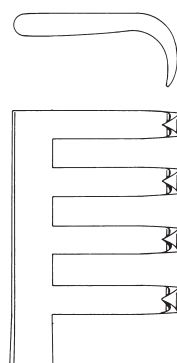
15-776-31-07

32 cm / 12 5/8"

scharf
sharp
agudo
pointu
acuto



4:4



15-776-32-07

31,5 cm / 12 3/8"

halbscharf
sharp
agudo
pointu
acuto



4:4

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

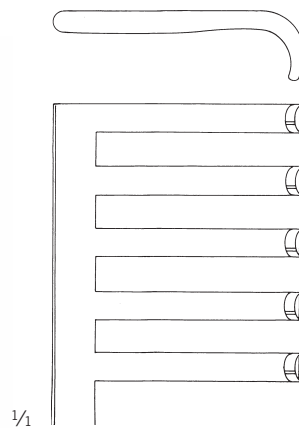
Divaricatori autostatici



1/2

Adson
15-777-32-07 -
15-777-33-07

33 cm / 13 "

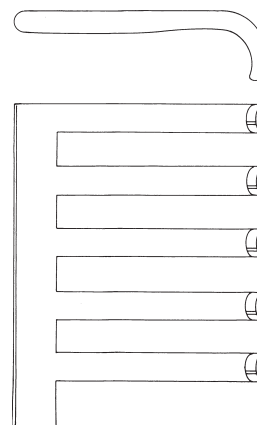


15-777-32-07

scharf
sharp
agudo
pointu
acuto



4:5



15-777-33-07

halbscharf
semi-sharp
semi-agudo
semi-pointu
semi acuto



4:5

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

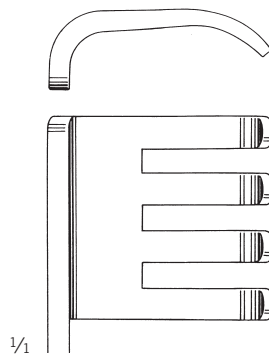
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori

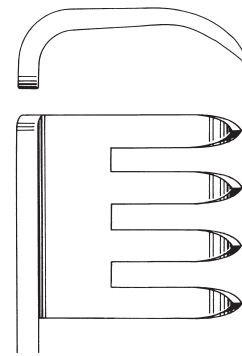


1/1

15-778-00-07

31 cm / 12 2/8"

stumpf
blunt
romo
mousse
smusso

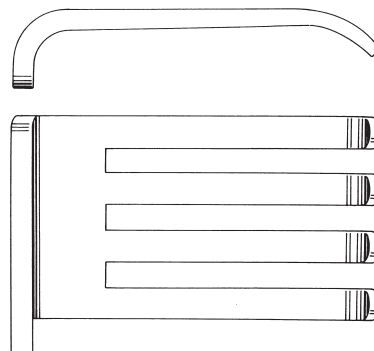


1/1

15-778-01-07

31 cm / 12 2/8"

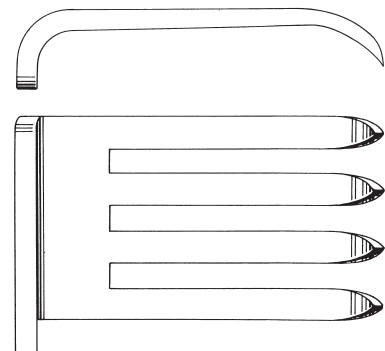
scharf
sharp
agudo
pointu
acuto



15-778-02-07

30,5 cm / 12 "

stumpf
blunt
romo
mousse
smusso



15-778-03-07

30,5 cm / 12 "

scharf
sharp
agudo
pointu
acuto



Beckman-Adson
15-778-00-07 -
15-778-03-07

15

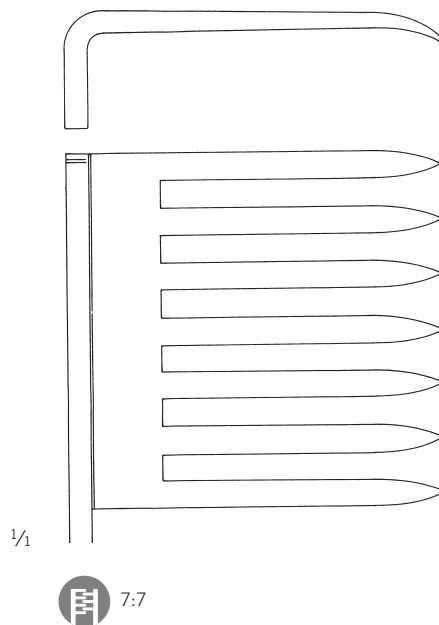
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/2

Beckman-Eaton
15-778-32-07

32 cm / 12 5/8"

scharf
sharp
agudo
pointu
acuto

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

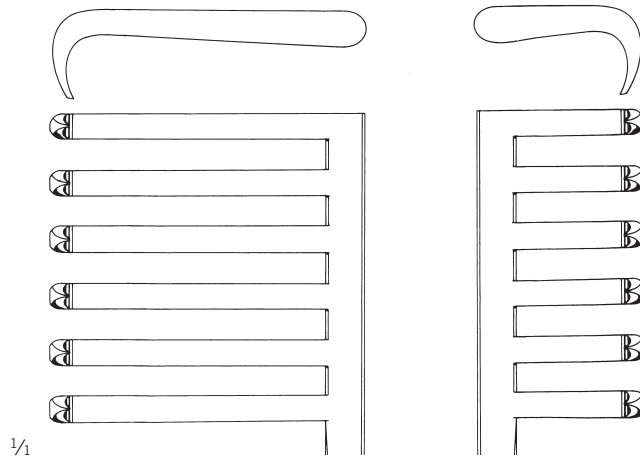
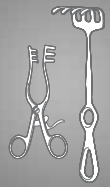
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



1/1

15-790-01-07

scharf, lange Zähne links

sharp, long teeth on left side

agudo, garfios largos a la izquierda

pointu, griffes longues à gauche

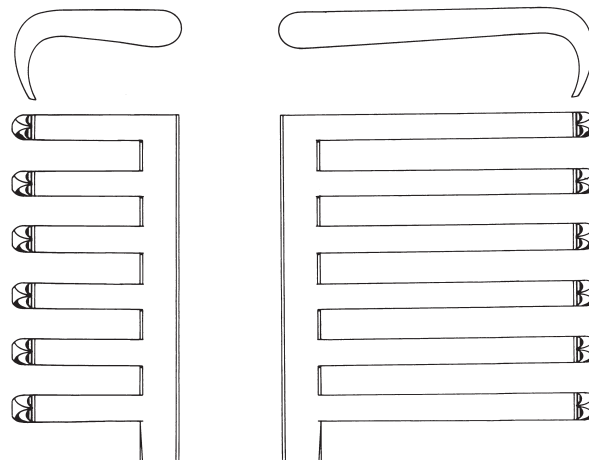
acuto, denti lunghi a sinistra



6:6



145 mm



15-790-02-07

scharf, lange Zähne rechts

sharp, long teeth on right side

agudo, garfios largos a la derecha

pointu, griffes longues à droite

acuto, denti lunghi a destra



6:6



145 mm



1/2

Martin
15-790-01-07 -
15-790-02-07
28,5 cm / 11 2/8"

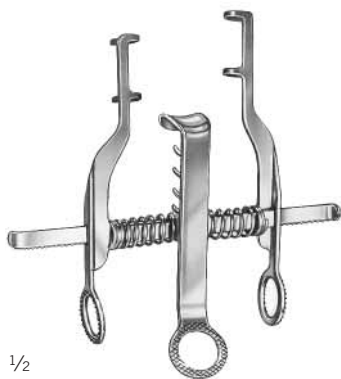
Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici



1/2

Vickers Low-Profile
15-792-00-01

6 cm / 2 3/8"

komplett, mit Mittelvalve Art.-Nr.
complete, with central blade ref.
completo, con valva central ref.
complet, avec valve centrale réf.
completo, con valva centrale rif.

15-792-01-01

stumpf
blunt
romo
mousse
smusso



2:2



25 mm



1/2

Vickers Low-Profile
15-793-00-01

9 cm / 3 4/8"

komplett, mit Mittelvalve Art.-Nr.
complete, with central blade ref.
completo, con valva central ref.
complet, avec valve centrale réf.
completo, con valva centrale rif.

15-792-01-01

stumpf
blunt
romo
mousse
smusso



3:3



30 mm



1/2

Vickers Low-Profile
15-794-00-01

7,5 cm / 3 "

komplett, mit Mittelvalve Art.-Nr.
complete, with central blade ref.
completo, con valva central ref.
complet, avec valve centrale réf.
completo, con valva centrale rif.

15-792-01-01



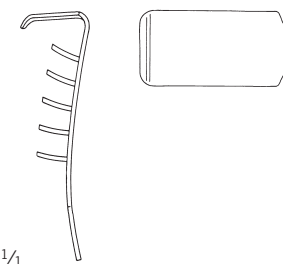
25 mm

15-794-90-98

Feder
Spring
Pluma
Plume
Piuma



15-794-00-01



1/1

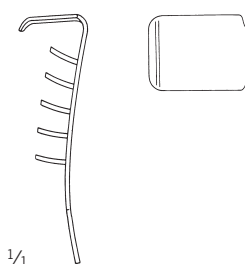
15-792-01-01

Mittelvalven
Central Blades
Valvas centrales
Valves centrales
Valve centrali

10 x 18 mm



**15-792-00-01,
15-793-00-01,
15-794-00-01,**



1/1

15-792-02-01

Mittelvalven
Central Blades
Valvas centrales
Valves centrales
Valve centrali

10 x 12 mm



**15-792-00-01,
15-793-00-01,
15-794-00-01,**



1/1

Vickers
15-798-01-01

5 cm / 3 "

stumpf, Ringmodell, für Daumen und Finger
blunt, ring model, for thumb and fingers
romo, forma de anillo, para pulgar y dedos
mousse, modèle anneau, pour pouce et doigts
smusso, modello anulare, per pollice e le dita

Wundspreizer, selbsthaltend

Wound Spreaders, self-retaining

Separadores autoestáticos

Ecarteurs autostatiques

Divaricatori autostatici

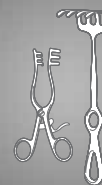
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



1/2

Joll
15-801-00-07

15,5 cm / 6 1/8"

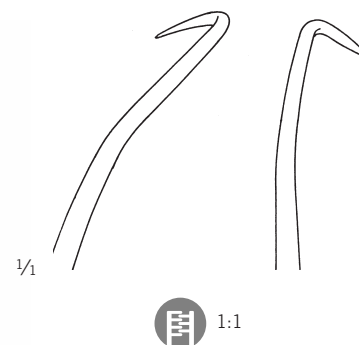
Thyreoid- und Vulva-Spreizer
Thyroid and Vaginal retractor
Separador para tiroides y vagina
Ecarteur pour thyroïde et vulva
Divaricatore per tiroide e vagina



1/2

Gelpi
15-802-13-07

13 cm / 5 1/8"



1/1



1:1

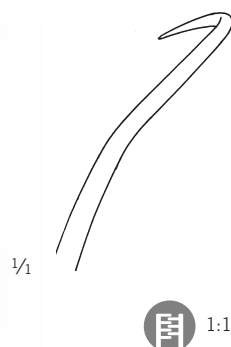
15



1/2

Gelpi
15-802-18-07

18 cm / 7 1/8"



1/1



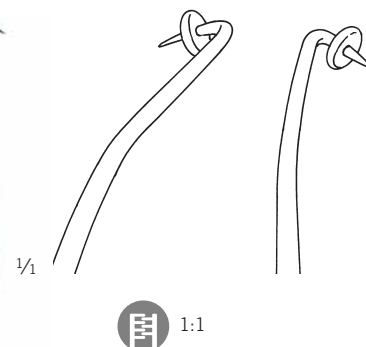
1:1



1/2

Gelpi
15-804-18-07

18,5 cm / 7 2/8"



1/1



1:1

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Gesamtlänge Bauchdeckenhalter ohne Valve
Total length of abdominal retractor without blade
Longitud total separador abdominal sin valva
Longueur totale écarteur abdominal sans valve
Lunghezza totale divaricatore addominale senza valva



1/2

Collin, Baby
15-820-00-07

18 cm / 7 1/8"

komplett, mit 2 Paar Seitenvalven Art.-Nr. 15-839-18-07 (18 x 40 mm) und 15-839-27-07 (27 x 40 mm)
complete, with 2 pairs of lateral blades ref. 15-839-18-07 (18 x 40 mm) and 15-839-27-07 (27 x 40 mm)
completo, con 2 pares de valvas laterales ref. 15-839-18-07 (18 x 40 mm) y 15-839-27-07 (27 x 40 mm)
complet, avec 2 paires de valves latérales réf. 15-839-18-07 (18 x 40 mm) et 15-839-27-07 (27 x 40 mm)
completo, con 2 paia di valve laterali ref. 15-839-18-07 (18 x 40 mm) e 15-839-27-07 (27 x 40 mm)



60 mm



1/2

Collin
15-822-22-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven Art.-Nr. 15-839-38-07 (38 x 60 mm)
complete, with 1 pair of lateral blades ref. 15-839-38-07 (38 x 60 mm)
completo, con 1 par de valvas laterales ref. 15-839-38-07 (38 x 60 mm)
complet, avec 1 paire de valves latérales réf. 15-839-38-07 (38 x 60 mm)
completo, con 1 paio di valve laterali rif. 15-839-38-07 (38 x 60 mm)



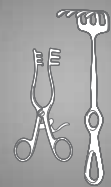
80 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Gesamtlänge Bauchdeckenhalter ohne Valve
Total length of abdominal retractor without blade
Longitud total separador abdominal sin valva
Longueur totale écarteur abdominal sans valve
Lunghezza totale divaricatore addominale senza valva



1/2

15-823-90-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale



15-823-00-07

15-824-90-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale



15-824-00-07

Collin

15-823-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven Art.-Nr. 15-839-38-07 (38 x 60 mm) und Mittelvalve Art.-Nr. 15-823-90-98-07 (38 x 55 mm)
complete, with 1 pair of lateral blades ref. 15-839-38-07 (38 x 60 mm) and central blade ref. 15-823-90-98-07 (38 x 55 mm)
completo, con 1 par de valvas laterales ref. 15-839-38-07 (38 x 60 mm) y valva central ref. 15-823-90-98-07 (38 x 55 mm)
complet, avec 1 paire de valves latérales réf. 15-839-38-07 (38 x 60 mm) et valve centrale réf. 15-823-90-98-07 (38 x 55 mm)
completo, con 1 paio di valva laterali rif. 15-839-38-07 (38 x 60 mm) e valva centrale rif. 15-823-90-98 (38 x 55 mm)



100 mm

Collin

15-824-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven Art.-Nr. 15-839-45-07 (45 x 80 mm) und Mittelvalve Art.-Nr. 15-824-90-98 (50 x 75 mm)
complete, with 1 pair of lateral blades ref. 15-839-45-07 (45 x 80 mm) and central blade ref. 15-824-90-98 (50 x 75 mm)
completo, con 1 par de valvas laterales ref. 15-839-45 (45 x 80 mm) y valva central ref. 15-824-90-98 (50 x 75 mm)
complet, avec 1 paire de valves latérales réf. 15-839-45-07 (45 x 80 mm) et valve centrale réf. 15-824-90-98 (50 x 75 mm)
completo, con 1 paio di valva laterali rif. 15-839-45-07 (45 x 80 mm) e valva centrale rif. 15-824-90-98 (50 x 75 mm)



100 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Gesamtlänge Bauchdeckenhalter ohne Valve
Total length of abdominal retractor without blade
Longitud total separador abdominal sin valva
Longueur totale écarteur abdominal sans valve
Lunghezza totale divaricatore addominale senza valva



15-826-90-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale



15-826-00-07

1/2

Collin

15-826-00-07

31 cm / 12 2/8"

komplett, mit 1 Paar Seitenvalven Art.-Nr. 15-839-60-07
(60 x 80 mm) und Mittelvalve Art.-Nr. 15-826-90-98 (60 x 75 mm)

complete, with 1 pair of lateral blades ref. 15-839-60-07
(60 x 80 mm) and central blade ref. 15-826-90-98 (60 x 75 mm)

completo, con 1 par de valvas laterales ref. 15-839-60-07
(60 x 80 mm) y valva central ref. 15-826-90-98 (60 x 75 mm)

complet, avec 1 paire de valves latérales réf. 15-839-60-07
(60 x 80 mm) et valve centrale réf. 15-826-90-98 (60 x 75 mm)

completo, con 1 paio di valve laterali rif. 15-839-60-07
(60 x 80 mm) e valva centrale réf. 15-826-90-98 (60 x 75mm)



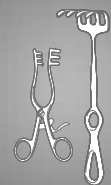
140 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



Ricard 15-830-00-07

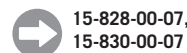
komplett mit 1 Paar Seitenvalven Art.-Nr. 15-839-92-07 und Mittelvalve Art.-Nr. 15-830-04-07
complete with 1 pair of lateral blades ref. 15-839-92-07 and central blade ref. 15-830-04-07
completo con 1 par de valvas laterales ref. 15-839-92-07 y valva central ref. 15-830-04-07
complet avec 1 paire de valves latérales ref. 15-839-92-07 et valve centrale ref. 15-830-04-07
completo con 1 paio di valve laterali rif. 15-839-92-07 e valva centrale rif. 15-830-04-07



220 mm

15-830-02-07

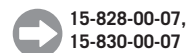
Mittelvalve
Central Blade
Valva central
Valva central
Valva centrale
55 x 70 mm



15-828-00-07,
15-830-00-07

15-830-04-07

Mittelvalve
Central Blade
Valva central
Valva central
Valva centrale
80 x 90 mm



15-828-00-07,
15-830-00-07

1/2

Ricard 15-828-00-07

komplett mit 1 Paar Seitenvalven Art.-Nr. 15-839-90-07 und Mittelvalve Art.-Nr. 15-830-02-07
complete with 1 pair of lateral blades ref. 15-839-90-07 and central blade ref. 15-830-02-07
completo con 1 par de valvas laterales ref. 15-839-90-07 y valva central ref. 15-830-02-07
complet avec 1 paire de valves latérales ref. 15-839-90-07 et valve centrale ref. 15-830-02-07
completo con 1 paio di valve laterali rif. 15-839-90-07 e valva centrale rif. 15-830-02-07



250 mm

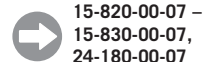
Ricard 15-828-01-07

Sperrer, allein
Spreader, only
Bastidor, suelto
Ecarteur, seule
Divaricatore, solo



15-839-90-07

Stück
piece
pieza
pièce
pezzo

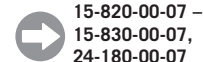


15-820-00-07 –
15-830-00-07,
24-180-00-07



15-839-92-07

Stück
piece
pieza
pièce
pezzo



15-820-00-07 –
15-830-00-07,
24-180-00-07

Seitenvalven

Lateral Blades
Valvas laterales
Valves laterales
Valve laterali



1/2

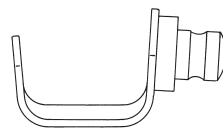
15-839-18-07 -
15-839-60-07

für Bauchdeckenhalter
for abdominal retractors
para separadores abdominales
pour écarteurs abdominaux
per divaricatori addominali

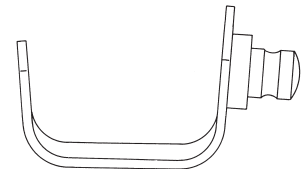


15-820-00-07 -
15-826-00-07

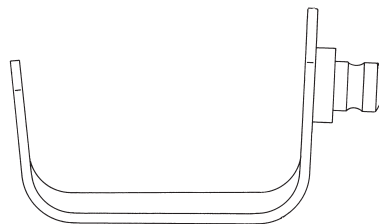
1/1



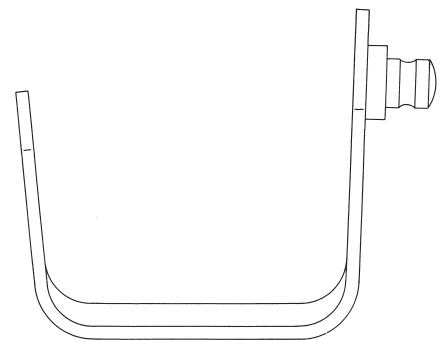
15-839-18-07
18 x 40 mm



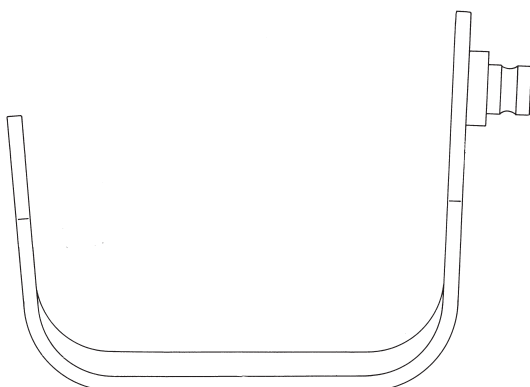
15-839-27-07
27 x 40 mm



15-839-38-07
38 x 60 mm



15-839-45-07
45 x 80 mm



15-839-60-07
60 x 80 mm

Seitenvalven

Lateral Blades
Valvas laterales
Valves laterales
Valve laterali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



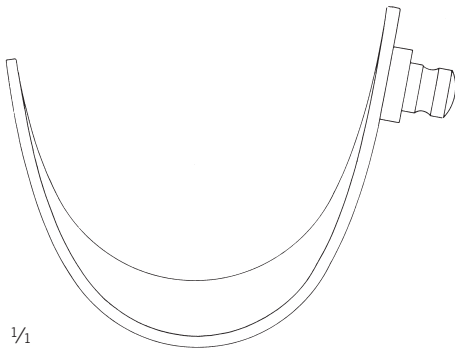
15-839-50-07 -
15-839-94-07

für Bauchdeckenhalter
for abdominal retractors
para separadores abdominales
pour écarteurs abdominaux
per divaricatori addominali



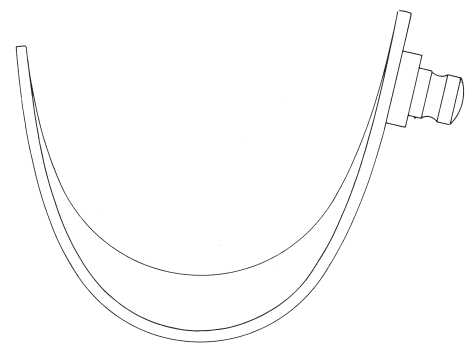
15-820-00-07 -
15-826-00-07

1/2

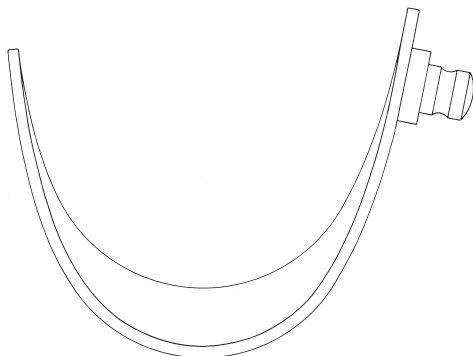


1/1

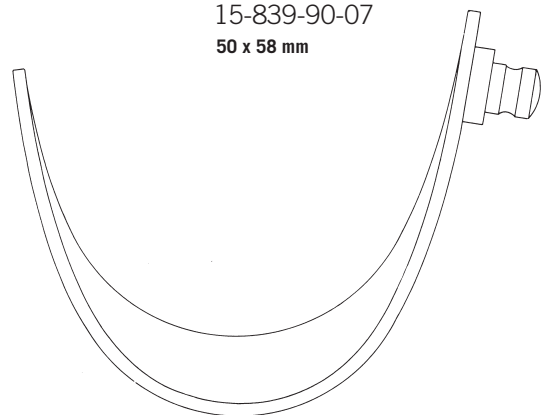
15-839-50-07
50 x 70 mm



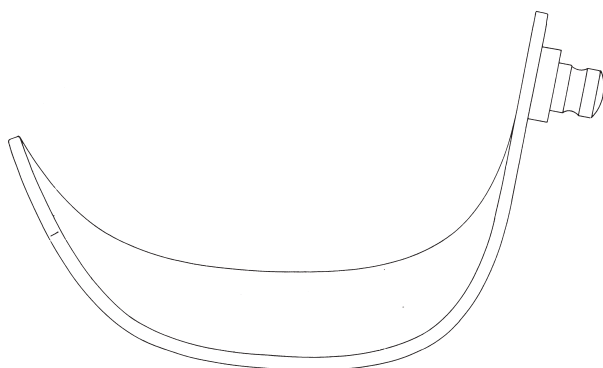
15-839-90-07
50 x 58 mm



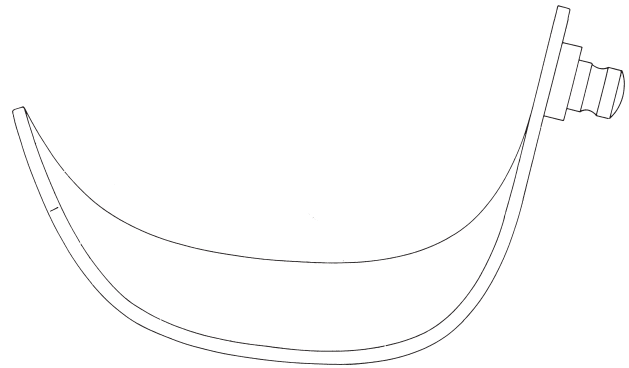
15-839-52-07
52 x 110 mm



15-839-92-07
60 x 80 mm



15-839-70-07
70 x 55 mm



15-839-94-07
72 x 85 mm

15

Bauchdeckenhalter

Abdominal Retractors

Separadores abdominales

Ecarteurs abdominaux

Divaricatori addominali



1/2

Gosset
15-844-00-07 -
15-844-91-98

16,5 cm / 6 4/8"

Seitenvalven 63 x 35 mm,
1 Mittelvalve 60 x 65 mm
lateral blades 63 x 35 mm,
1 central blade 60 x 65 mm
valvas laterales 63 x 35 mm,
1 valva central 60 x 65 mm
valves latérales 63 x 35 mm,
1 valve centrale 60 x 65 mm
valve laterali 63 x 35 mm,
1 valva centrale 60 x 65 mm



160 mm

15-844-91-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale
60 x 65 mm



15-844-00-07



1/2

Gosset-Baby
15-840-00-07

12,5 cm / 4 7/8"

Seitenvalven
lateral blades
valvas laterales
valves latérales
valve laterali
40 x 30 mm



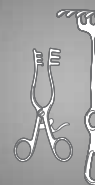
120 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



15-850-92-99

12,5 cm / 4 ⁷/₈"

Mittelvalve
central blade
valva central
vlave centrale
valva centrale
24 x 20 mm



15-850-00-07



¹/₂

Gosset
15-846-00-07

18,5 cm / 7 ²/₈"

Seitenvalven
lateral blades
valvas laterales
valves latérales
valve laterali
63 x 35 mm



140 mm



¹/₂

Balfour-Baby
15-850-00-07

12,5 cm / 4 ⁷/₈"

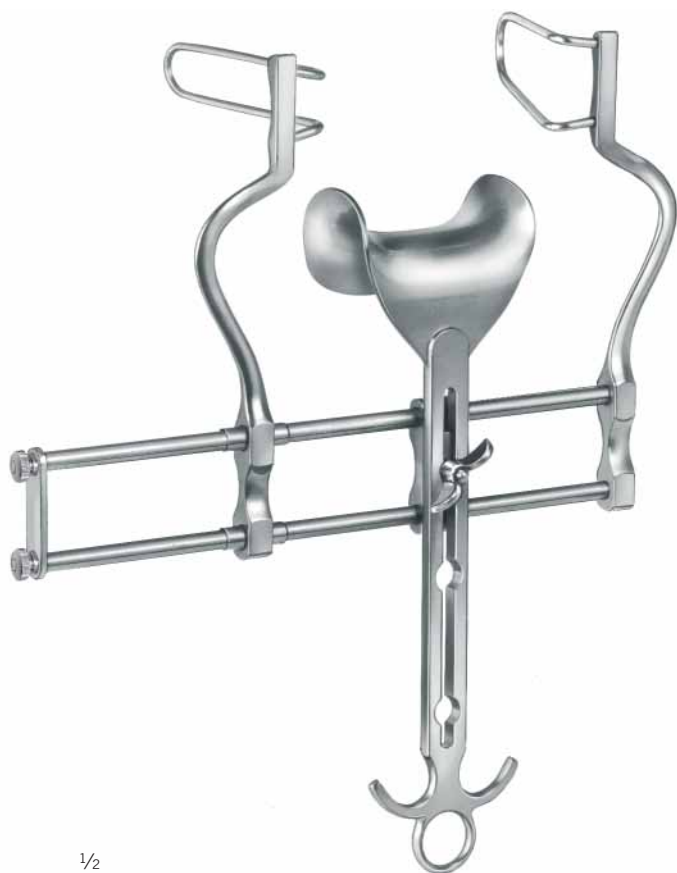
komplett, mit 1 Paar Seitenvalven (30 x 20 mm)
und Mittelvalve Art.-Nr. 15-850-92-99 (24 x 20 mm)
complete, with 1 pair of lateral blades (30 x 20 mm)
and central blade ref. 15-850-92-99 (24 x 20 mm)
completo, con 1 par de valvas laterales (30 x 20 mm)
y valva central ref. 15-850-92-99 (24 x 20 mm)
complet, avec 1 paire de valves latérales (30 x 20 mm)
et valve centrale réf. 15-850-92-99 (24 x 20 mm)
completo, con 1 paio di valve laterali (30 x 20 mm)
e valva centrale rif. 15-850-92-99 (24 x 20 mm)



80 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali



1/2

Balfour 15-852-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven (70 x 35 mm)
und Mittelvalve Art.-Nr. 15-859-01-07 (45 x 80 mm)
complete, with 1 pair of lateral blades (70 x 35 mm)
and central blade ref. 15-859-01-07 (45 x 80 mm)
completo, con 1 par de valvas laterales (70 x 35 mm)
y valva central ref. 15-859-01-07 (45 x 80 mm)
complet, avec 1 paire de valves latérales (70 x 35 mm)
et valve centrale réf. 15-859-01-07 (45 x 80 mm)
completo, con 1 paio di valve laterali (70 x 35 mm)
e valva centrale rif. 15-859-01-07 (45 x 80 mm)



160 mm



1/2

Balfour 15-854-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven (70 x 35 mm)
und Mittelvalve Art.-Nr. 15-859-01-07 (45 x 80 mm)
complete, with 1 pair of lateral blades (70 x 35 mm)
and central blade ref. 15-859-01-07 (45 x 80 mm)
completo, con 1 par de valvas laterales (70 x 35 mm)
y valva central ref. 15-859-01-07 (45 x 80 mm)
complet, avec 1 paire de valves latérales (70 x 35 mm)
et valve centrale réf. 15-859-01-07 (45 x 80 mm)
completo, con 1 paio di valve laterali (70 x 35 mm)
e valva centrale rif. 15-859-01-07 (45 x 80 mm)



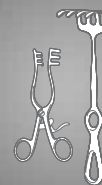
160 mm

Bauchdeckenhalter, Mittelvalven

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2

Balfour 15-856-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven (100 x 35 mm)
und Mittelvalve Art.-Nr. 15-856-91-98 (100 x 60 mm)
complete, with 1 pair of lateral blades (100 x 35 mm)
and central blade ref. 15-856-91-98 (100 x 60 mm)
completo, con 1 par de valvas laterales (100 x 35 mm)
y valva central ref. 15-856-91-98 (100 x 60 mm)
complet, avec 1 paire de valves latérales (100 x 35 mm)
et valve centrale réf. 15-856-91-98 (100 x 60 mm)
completo, con 1 paio di valve laterali (100 x 35 mm)
e valva centrale rif. 15-856-91-98 (100 x 60 mm)



180 mm

15-856-90-98

Mittelvalve
central blade
valva central
vlave centrale
vlava centrale
100 x 70 mm



15-856-00-07

15-856-91-98

Mittelvalve
central blade
valva central
vlave centrale
vlava centrale
100 x 60 mm



15-856-00-07

Bauchdeckenhalter, Mittelvalven

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali



1/2

Balfour-Standard 15-858-00-07

20 cm / 7 7/8"

komplett, mit 1 Paar Seitenvalven (100 x 35 mm)
und Mittelvalve Art.-Nr. 15-859-02-07 (68 x 85 mm)

complete, with 1 pair of lateral blades (100 x 35 mm)
and central blade ref. 15-859-02-07 (68 x 85 mm)

completo, con 1 par de valvas laterales (100 x 35 mm)
y valva central ref. 15-859-02-07 (68 x 85 mm)

complet, avec 1 paire de valves latérales (100 x 35 mm)
et valve centrale réf. 15-859-02-07 (68 x 85 mm)

completo, con 1 paio di valve laterali (100 x 35 mm)
e valva centrale rif. 15-859-02-07 (68 x 85 mm)



230 mm



1/2

Balfour 15-859-01-07 - 15-859-06-07

15-859-01-07

45 x 80 mm

15-859-02-07

68 x 85 mm

15-859-06-07

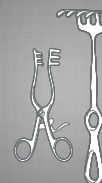
40 x 68 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2

Balfour, Mod. USA
15-860-00-07

20 cm / 7 7/8"

komplett, mit je 1 Paar Seitenvalven Art.-Nr. 15-860-06-07 (60 x 30 mm), 15-860-08-07 (80 x 30 mm) und Mittelvalve Art.-Nr. 15-859-02-07 (68 x 85 mm)

complete, with 1 pair of lateral blades ref. 15-860-06-07 (60 x 30 mm), 15-860-08-07 (80 x 30 mm) and central blade ref. 15-859-02-07 (68 x 85 mm)

completo, con 1 par de valvas laterales ref. 15-860-06-07 (60 x 30 mm), 15-860-08-07 (80 x 30 mm) y valva central ref. 15-859-02-07 (68 x 85 mm)

complet, avec 1 paire de valves latérales réf. 15-860-06-07 (60 x 30 mm), 15-860-08-07 (80 x 30 mm) et valve centrale réf. 15-859-02-07 (68 x 85 mm)

completo, con 1 paio di valve laterali rif. 15-860-06-07 (60 x 30 mm), 15-860-08-07 (80 x 30 mm) e valva centrale rif. 15-859-02-07 (68 x 85 mm)



190 mm



15-860-06-07

Drahtvalven (Paar)
Fenestrated Blades (pair)
Valvas de alambre (par)
Valves en fil (paire)
Valve di filo (paio)

60 x 30 mm



15-860-00-07



15-860-08-07

Drahtvalven (Paar)
Fenestrated Blades (pair)
Valvas de alambre (par)
Valves en fil (paire)
Valve di filo (paio)

80 x 30 mm



15-860-00-07

Bauchdeckenhalter, Mittelvalven

Abdominal Retractors, Central Blades

Separadores abdominales, valvas centrales

Ecarteurs abdominaux, valves centrales

Divaricatori addominali, valve centrali



1/2

O'Sullivan-O'Connor
15-868-00-01

20 cm / 7 7/8"

komplett, mit 2 festen Seitenvallen (60 x 35 mm)
und 2 Mittelvalven Art.-Nr. 15-868-90-98 (80 x 45 mm) und 15-868-91-98 (110 x 70 mm)

complete, with 2 fixed lateral blades (60 x 35 mm)
and 2 central blades ref. 15-868-90-98 (80 x 45 mm) and 15-868-91-98 (110 x 70 mm)

completo, con 2 valvas laterales fijas (60 x 35 mm)
y 2 valvas centrales ref. 15-868-90-98 (80 x 45 mm) y 15-868-91-98 (110 x 70 mm)

complet, avec 2 valves latérales fixes (60 x 35 mm)
et 2 valves centrales réf. 15-868-90-98 (80 x 45 mm) et 15-868-91-98 (110 x 70 mm)

completo, con 2 valve laterali fisse (60 x 35 mm)
e 2 valve centrali rif. 15-868-90-98 (80 x 45 mm) e 15-868-91-98 (110 x 70 mm)



190 mm

15-868-90-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale
80 x 45 mm



15-868-00-01

15-868-91-98

Mittelvalve
central blad
valva central
valve centrale
valva centrale
110 x 70 mm



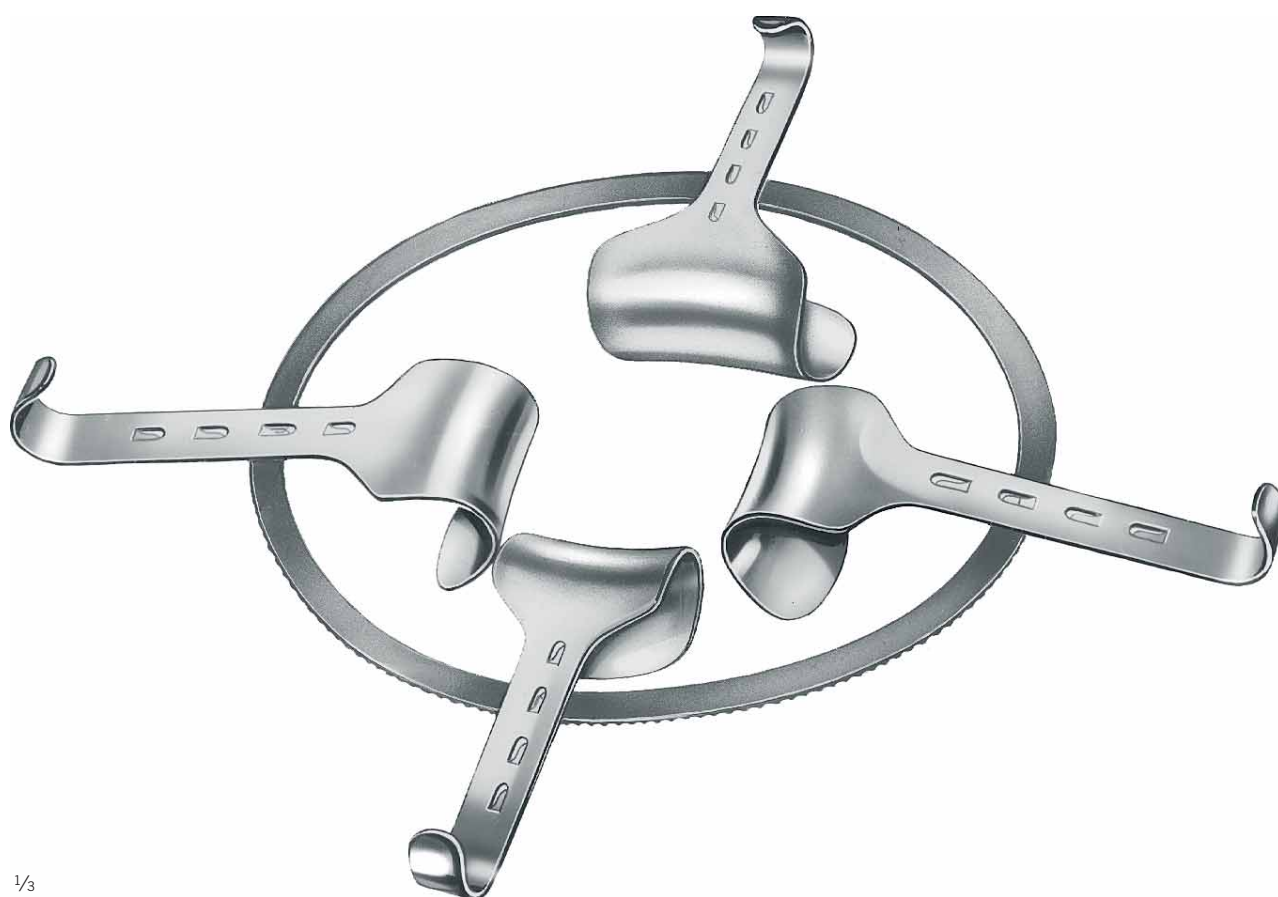
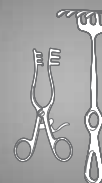
15-868-00-01

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/3

Kirschner 15-882-00-07

Rahmen Art.-Nr. 15-882-30-07, 3 Haken Art.-Nr. 15-889-50-07, und je 1 Haken Art.-Nr. 15-889-80-07, 15-889-98-07 und 15-889-99-07

Frame ref. 15-882-30-07, 3 retractors ref. 15-889-50-07 and 1 retractor each ref. 15-889-80-07, 15-889-98-07 and 15-889-99-07

Bastidor ref. 15-882-30-07, 3 retractor ref. 15-889-50-07 y 1 retractor c.u. ref. 15-889-80-07, 15-889-98-07 y 15-889-99-07

Cadre réf. 15-882-30-07, 3 rétracteurs réf. 15-889-50-07 et avec 1 rétracteurs réf. 15-889-80-07, 15-889-98-07 et 15-889-99-07

Telaio cod. art. 15-882-30-07, 3 retrattori cod. art. 15-889-50-07 e 1 retrattore ciascuno, cod. art. 15-889-80-07, 15-889-98-07 e 15-889-99-07

Kirschner 15-882-30-07

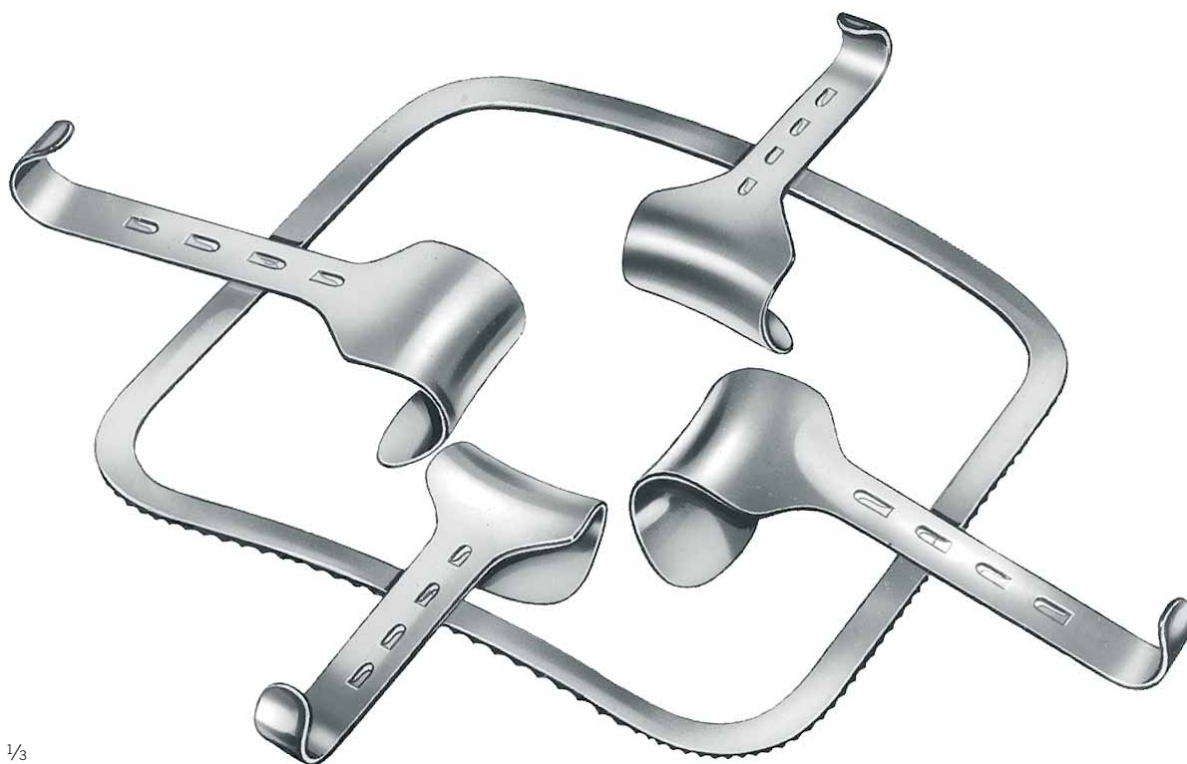
Rahmen, allein
Frame, only
Cuadro, solo
Cadre, seul
Telaio, solo

Innenmaß
Internal dimensions
Dimensiones interiores
Dimension intérieure
Misura interna

300 x 240 mm

Bauchdeckenhalter

Abdominal Retractors
Separadores abdominales
Ecarteurs abdominaux
Divaricatori addominali



1/3

Kirschner 15-884-00-07 - 15-884-24-07

Rahmen Art.-Nr. 15-884-24-07
und je 2 Haken Art.-Nr. 15-889-40-07 und 15-889-50-07

frame ref. 15-884-24-07,
2 hooks ref. 15-889-40-07 and 2 hooks ref. 15-889-50-07

bastidor ref. 15-884-24-07,
2 ganchos ref. 15-889-40-07 y 2 ganchos ref. 15-889-50-07

cadre réf. 15-884-24-07,
2 valves réf. 15-889-40-07 et 2 valves réf. 15-889-50-07

telaio rif. 15-884-24-07,
2 valve rif. 15-889-40-07 e 2 valve rif. 15-889-50-07

15-884-24-07

Rahmen, allein
Frame, only
Cuadro, solo
Cadre, seul
Telaio, solo

Innenmaß
Internal dimensions
Dimensiones interiores
Dimension intérieure
Misura interna

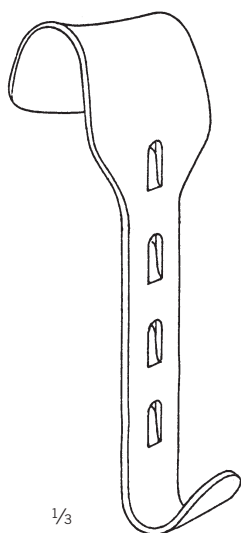
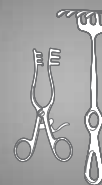
240 x 240 mm

Valven

Blades
Valvas
Valves
Valve

Wundhaken

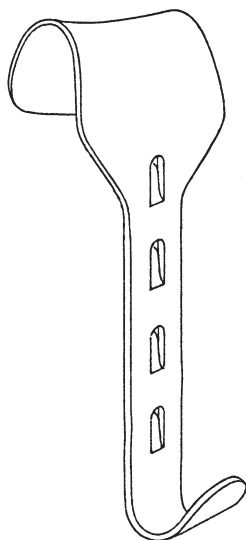
Retractors
Separadores
Ecarteurs
Divaricatori



1/3

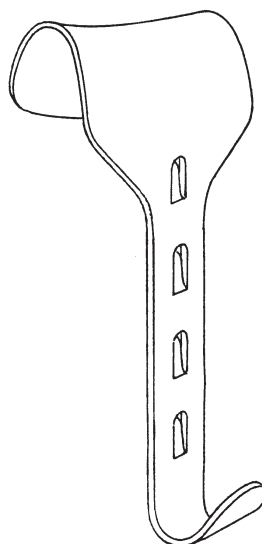
15-889-40-07
40 x 55 mm
Standard

➔ **15-882-30-07,**
15-884-24-07



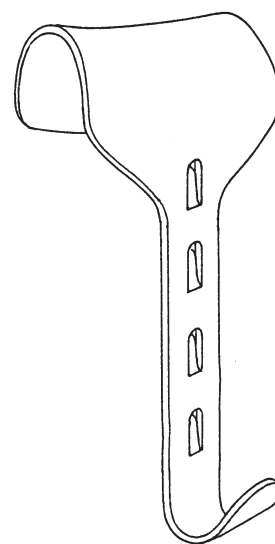
15-889-50-07
50 x 65 mm
Standard

➔ **15-882-30-07,**
15-884-24-07



15-889-60-07
60 x 85 mm
Standard

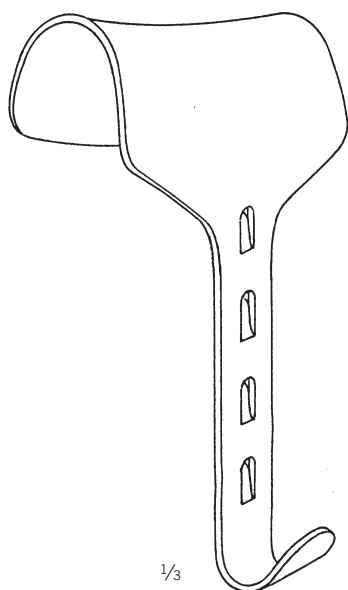
➔ **15-882-30-07,**
15-884-24-07



15-889-78-07
78 x 65 mm

➔ **15-882-30-07,**
15-884-24-07

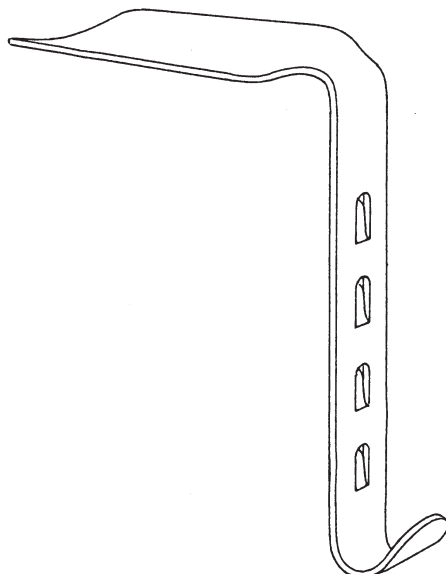
15



1/3

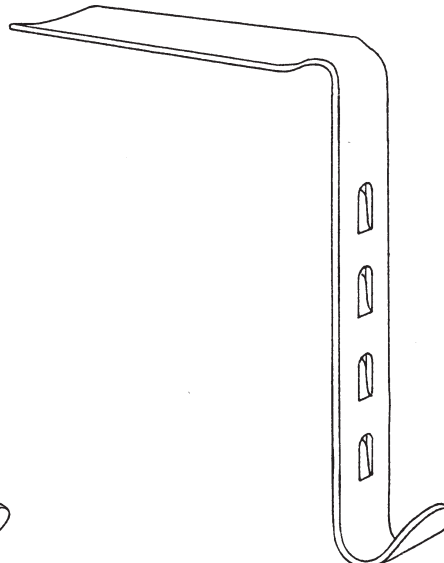
15-889-80-07
85 x 90 mm

➔ **15-882-30-07,**
15-884-24-07



15-889-98-07
98 x 50 mm

➔ **15-882-30-07,**
15-884-24-07



15-889-99-07
105 x 35 mm

➔ **15-882-30-07,**
15-884-24-07

Laminektomiesperrer

Laminectomy Retractors

Separadores para laminectomía

Ecarteurs pour laminectomie

Divaricatori per laminectomia



1/2

Scoville
15-906-00-07

22 cm / 8 5/8"



190 mm



1/2

Scoville-Haverfield
15-906-50-07

22 cm / 8 5/8"

Rahmen allein, mit Gelenk
frame only, with joint
bastidor suelto, con articulación
cadre seul, avec articulation
telaio solo, con articolazione



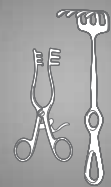
190 mm

Valven

Blades
Valvas
Valves
Valves
Valve

Wundhaken

Retractors
Separadores
Ecarteurs
Divaricatori



1/2



15-906-01-07

5 cm / 2 "

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

50 mm tief, stumpf
50 mm deep, blunt
50 mm de profundidad, romo
profondeur 50 mm, mousse
profondità 50 mm, smusso



15-906-00-07,
15-906-50-07



15-906-02-07

7 cm / 2 6/8"

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

70 mm tief, stumpf
70 mm deep, blunt
70 mm de profundidad, romo
profondeur 70 mm, mousse
profondità 70 mm, smusso



15-906-00-07,
15-906-50-07



15-906-06-07

5 cm / 2 "

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

50 mm tief, spitz
50 mm deep, sharp
50 mm de profundidad, agudo
profondeur 50 mm, pointu
profondità 50 mm, acuto



15-906-00-07,
15-906-50-07



15-906-07-07

7 cm / 2 6/8"

Hakenvalve, Stück
Hook, piece
Gancho, pieza
Valve à griffes, pièce
Uncino, pezzo

70 mm tief, spitz
70 mm deep, sharp
70 mm de profundidad, agudo
profondeur 70 mm, pointu
profondità 70 mm, acuto



15-906-00-07,
15-906-50-07

15

1/2



15-906-11-07 -
15-906-13-07

Blattvalven, Stück
Blades, piece
Valvas, pieza
Valves, pièce
Valve , pezzo

gezahnt
toothed
dentado
dentelé
dentato



15-906-41-07 -
15-906-44-07

Hakenvalve, Stück
Hook, piece
Valva, pieza
Valve, pièce
Valvola, pezzo

spitz
sharp
agudo
pointu
acuto



15-906-46-07 -
15-906-47-07

Hakenvalve, Stück
Hook, piece
Valva, pieza
Valve, pièce
Valvola, pezzo

spitz
sharp
agudo
pointu
acuto

15-906-11-07	60 x 25 mm	15-906-41-07	48 x 50 mm	15-906-46-07	44 x 38 mm
15-906-12-07	61 x 50 mm	15-906-42-07	64 x 50 mm	15-906-47-07	67 x 44 mm
15-906-13-07	86 x 25 mm	15-906-43-07	64 x 64 mm		
		15-906-44-07	80 x 57 mm		



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07



15-906-00-07,
15-906-50-07

Martin Arm-System

Martin Arm System
Sistema Brazo Martin
Système Bras Martin
Sistema braccio Martin



Martin
15-910-01-07

Martin Arm-System
Martin Arm System
Sistema Brazo Martin
Système Bras Martin
Sistema braccio Martin

15-910-10-04

Optikhalterung
Optics mounting
Recipiente de óptica
Support d'optique
Fissaggio di ottica

15-910-50-07

Universal-Befestigungskloben für Martin-Arm-System
Universal Fixation Clamp for Martin Arm system
Mordaza universal para sistema brazo Martin
Etau de maintien universel pour système bras Martin
Morsetto di fissaggio universale per sistema braccio Martin

Hakensystem

Retractor System

Sistema de Retractores

Systèmes des ecarteurs

Sistema divaricatori

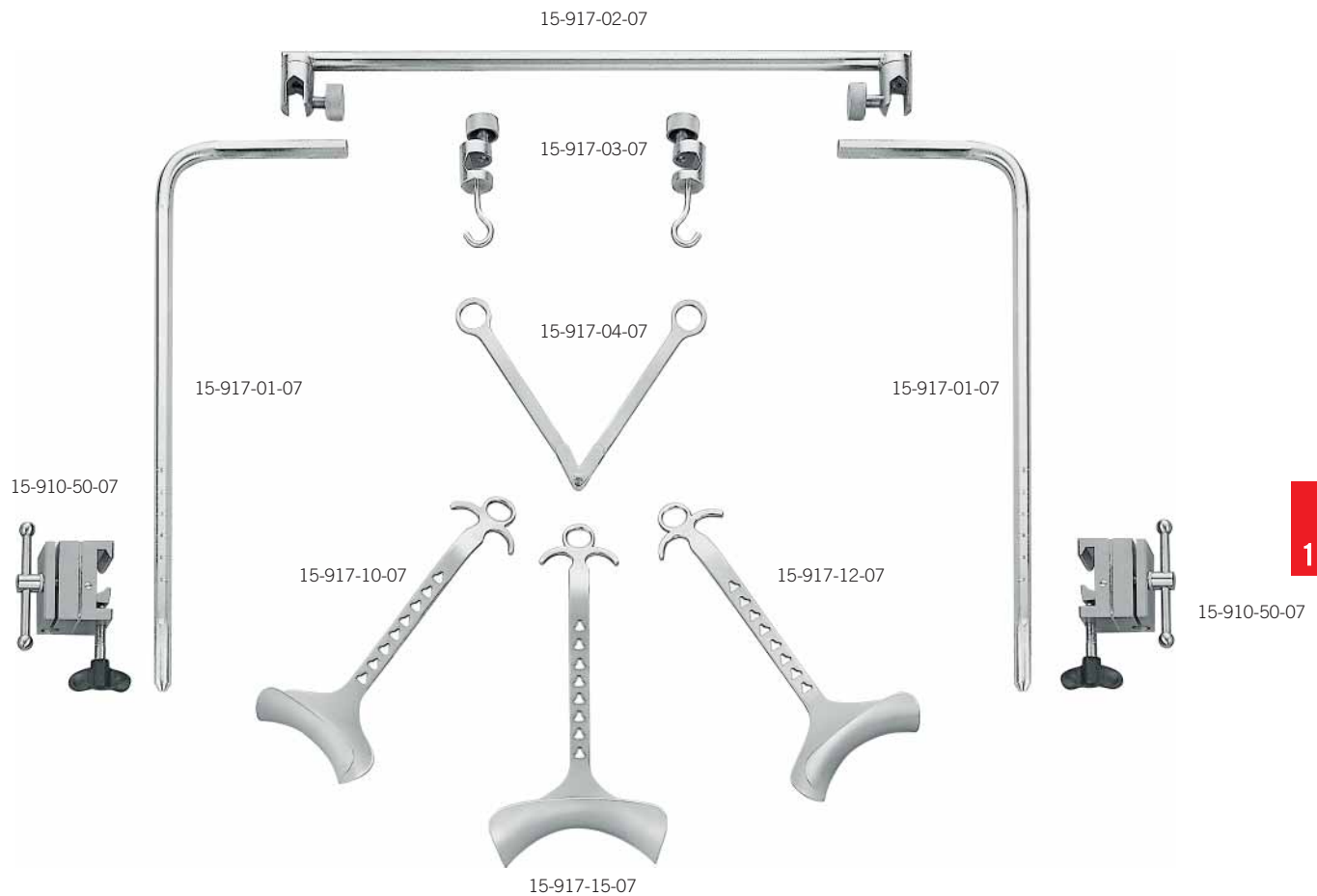
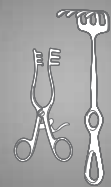
Wundhaken

Retractors

Separadores

Ecarteurs

Divaricatori



15

Martin-Rochard

15-917-00-07

Hakensystem

Retractor System

Sistema de Retractores

Système d'écarteurs

Sistema di divaricatori

komplett bestehend aus:		complete consisting of:		completo compuesto de:	
15-910-50-07	2 Universal-Befestigungskloben	15-910-50-07	2 Universal Fixation Clamp	15-910-50-07	2 Mordaza universal
15-917-01-07	2 Haltearm, seitlich	15-917-01-07	2 Fixation Arm, lateral	15-917-01-07	2 Brazo de fijación, lateral
15-917-02-07	1 Querstab, Sechskant	15-917-02-07	1 Cross Bar, hexagon	15-917-02-07	1 Barra transversal, hexagonal
15-917-03-07	2 Kloben	15-917-03-07	2 Sliding Clamp	15-917-03-07	2 Garrucha
15-917-04-07	1 Halterung für Haken	15-917-04-07	1 Fixing device for hooks	15-917-04-07	1 Soporte para ganchos
15-917-10-07	1 Wundhaken, 50 x 105 mm	15-917-10-07	1 Retractor, 50 x 105 mm	15-917-10-07	1 Separador, 50 x 105 mm
15-917-12-07	1 Wundhaken, 50 x 120 mm	15-917-12-07	1 Retractor, 50 x 120 mm	15-917-12-07	1 Separador, 50 x 120 mm
15-917-15-07	1 Wundhaken, 50 x 160 mm	15-917-15-07	1 Retractor, 50 x 160 mm	15-917-15-07	1 Separador, 50 x 160 mm

complet composé de:		completo composto di:		
15-910-50-07	2 Etai de maintien universel	15-910-50-07	2 Morsetto di fissaggio universale	
15-917-01-07	2 Bras de fixation, latérale	15-917-01-07	2 Braccio di fissaggio, laterale	
15-917-02-07	1 Barre transversale, hexagonale	15-917-02-07	1 Barra trasversale, hexagonale	
15-917-03-07	2 Etai	15-917-03-07	2 Carrucola mobile	
15-917-04-07	1 Maintien pour crochets	15-917-04-07	1 Supporto per divaricatori	
15-917-10-07	1 Ecarteur, 50 x 105 mm	15-917-10-07	1 Divaricatore, 50 x 105 mm	
15-917-12-07	1 Ecarteur, 50 x 120 mm	15-917-12-07	1 Divaricatore, 50 x 120 mm	
15-917-15-07	1 Ecarteur, 50 x 160 mm	15-917-15-07	1 Divaricatore, 50 x 160 mm	

Bauchspatel

Abdominal Spatulas
Espátulas abdominales
Spatules abdominales
Spatole addominali



15-963-01-01
33 cm / 13 "
30 mm

15-963-02-01
33 cm / 13 "
40 mm

15-963-03-01
33 cm / 13 "
50 mm

1/2

15-963-01-01 -
15-963-03-01

biegsam
malleable
maleable
malléable
malleabili



15-971-00-01
20 cm / 7 7/8"
16 mm - 25 mm

15-971-01-01
28 cm / 11 "
25 mm - 30 mm

15-971-02-01
30 cm / 11 5/8"
37 mm - 45 mm

1/2

Haberer
15-971-00-01 -
15-971-02-01

konische Form
tapered
forma cónica
forme conique
forma conica



15-975-06-01
20 cm / 7 7/8"
6,5 mm

15-975-09-01
20 cm / 7 7/8"
9,5 mm

15-975-13-01
20 cm / 7 7/8"
13 mm

15-975-16-01
20 cm / 7 7/8"
16 mm

15-975-19-01
20 cm / 7 7/8"
19 mm

15-975-25-01
20 cm / 7 7/8"
25 mm

1/2

Martin
15-975-06-01 -
15-975-25-01

biegsam, sehr weich
malleable, very soft
maleable, muy blando
malléable, très souple
malleabili, molto dolci