

017



Retractors
Wundhaken
Separadores
Ecarteurs
Divaricatori



Wound and Nerve Hooks

Wund- und Hauthäkchen (Nervhäkchen)
Ganchos y ganchitos para nervios
Ecarteurs très fins et crochets à nerfs
Divaricatori finini (Uncini per nervi)

017

25°

45°

90°

1

17-111-03 0,3 mm
17-111-06 0,6 mm
17-111-10 1,0 mm

17-113-03 0,3 mm
17-113-06 0,6 mm
17-113-10 1,0 mm

17-115-03 0,3 mm
17-115-06 0,6 mm
17-115-10 1,0 mm

17-117-05 0,5 mm
17-117-10 1,0 mm

17-120-01
14 cm, 5½"

17-120-02
14 cm, 5½"

17-120-03
14 cm, 5½"

SHAMBAUGH
17-111-03
17-117-10
15,5 cm, 6"

Hooks for micro surgery
Häkchen für die mikrochirurgie
Ganchos para la microcirugía
Crochets à microchirurgie
Crochet per microchirurgia

LUCAE
17-120-01
17-120-03

Ear hooklets
Ohrhäkchen
Ganchitos auriculares
Crochets auriculaires
Crochet auricolare

17-122-01
14 cm, 5½"

17-122-02
14 cm, 5½"

17-122-03
14 cm, 5½"

17-122-04
14 cm, 5½"

17-122-05
14 cm, 5½"

17-126-01
13 cm, 5"

17-126-02
14 cm, 5½"

17-126-03
14,5 cm, 5¾"

WAGENER
17-122-01
17-122-05

Ear hooklets
Ohrhäkchen
Ganchitos auriculares
Crochets auriculaires
Crochet auricolare

GRAEFE
17-126-01
17-126-03

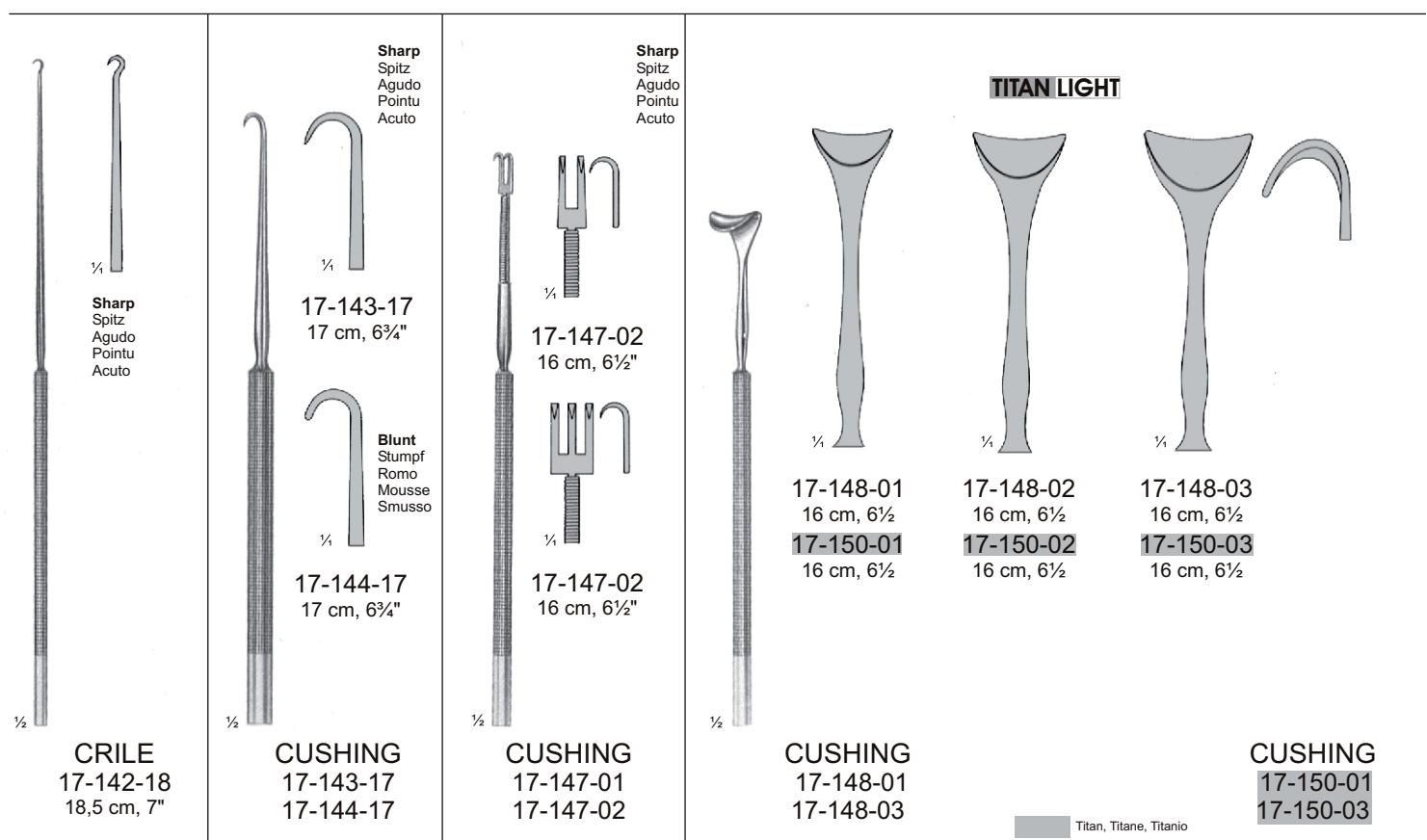
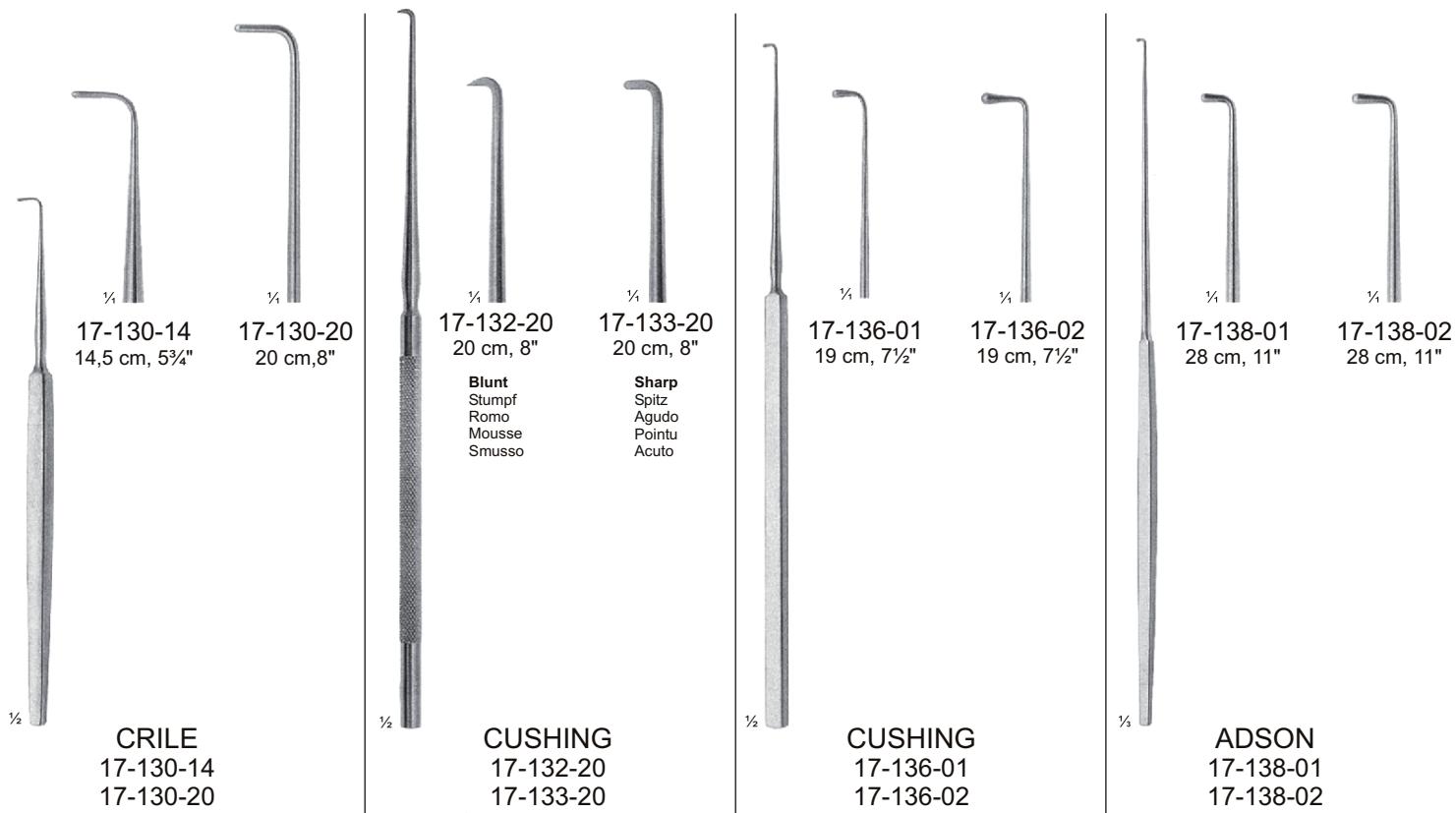
Strabismus hooks
Schielhaken
Ganchos para estrabismo
Crochets à stéisme
Crochet per strabismo



Wound and Nerve Hooks

Wund- und Hauthäkchen (Nervhäkchen)
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Titan, Titane, Titanio

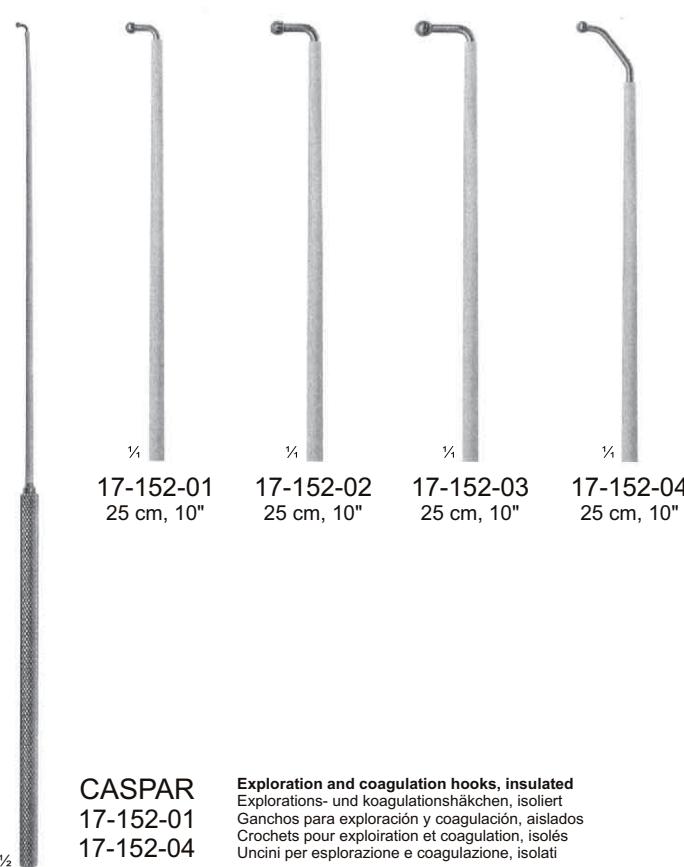


Wound and Nerve Hooks

Wund- und Hauthäkchen (Nervhäkchen)
Ganchos y ganchitos para nervios
Ecarteurs très fins et crochets à nerfs
Divaricatori finini (Uncini per nervi)

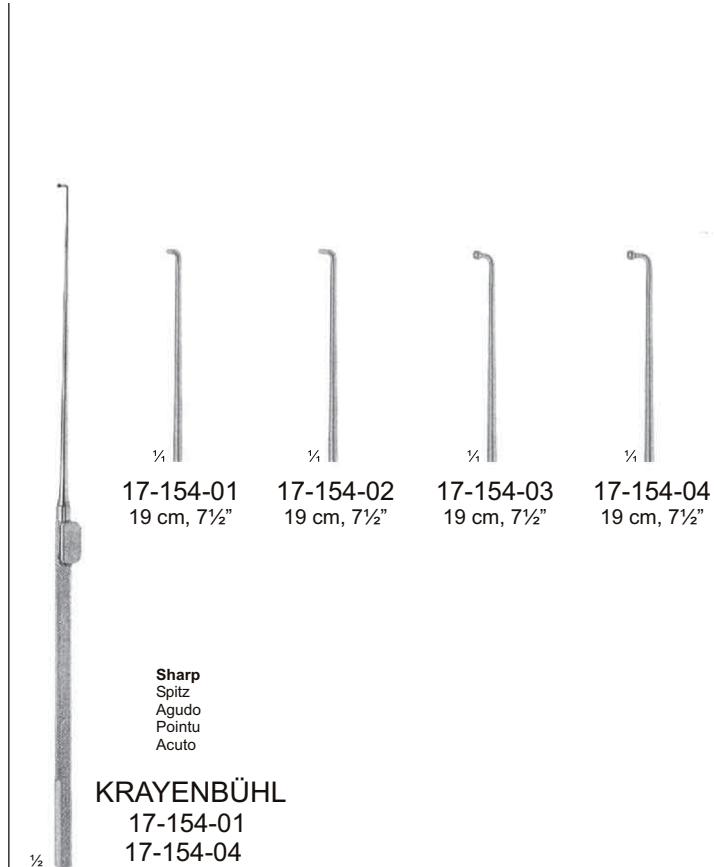


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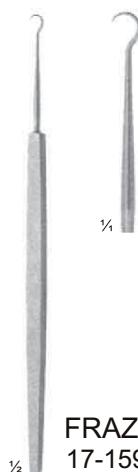
CASPAR
17-152-01
17-152-04

Exploration and coagulation hooks, insulated
Explorations- und koagulationshäkchen, isoliert
Ganchos para exploración y coagulación, aislados
Crochets pour exploration et coagulation, isolés
Uncini per esplorazione e coagulazione, isolati



KRAYENBÜHL
17-154-01
17-154-04

Sharp
Spitz
Agudo
Pointu
Acuto



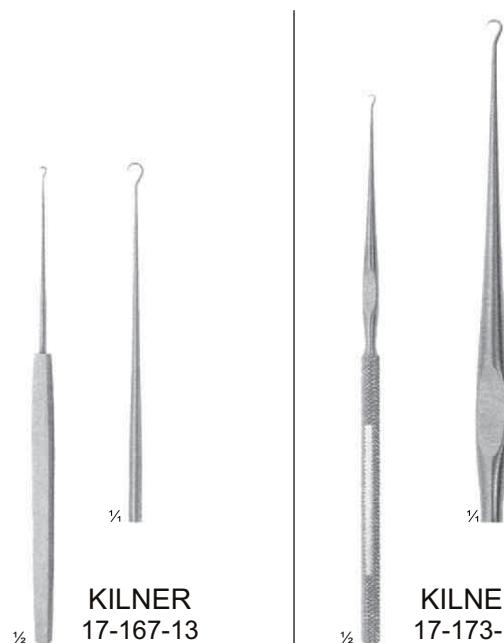
FRAZIER
17-159-13
13 cm, 5"

Dura and skin retractor, sharp
Dura- und Hauthäkchen, spitz
Gancho para piel y dura-madre, agudo
Crochet à peau et à dure-mère, pointu
Divaricatore per pelle e dura-madre, acuto



GRAEFE
17-165-01
17-165-02

Skin retractors (Iris hooks)
Hauthäkchen (Irishäkchen)
Ganchos para piel (gancho para iris)
Crochets à peau (iris)
Divaricatore cutaneo (uncini per iride)



KILNER
17-167-13
13 cm, 5"

Skin retractor, sharp
Hauthäkchen, spitz
Gancho para piel, agudo
Crochet à peau, pointu
Divaricatore cutaneo, acuto



KILNER
17-173-15
15 cm, 6"

Skin retractor, sharp
Hauthäkchen, spitz
Gancho para piel, agudo
Crochet à peau, pointu
Divaricatore cutaneo, acuto



Wound and Nerve Hooks

Wund- und Hauthäkchen (Nervhäkchen)
Ganchos y ganchitos para nervios
Ecarteurs très fins et crochets à nerfs
Divaricatori finini (Uncini per nervi)

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GILLIES
17-177-18
18 cm, 7"

Skin retractor, sharp
Hauthäkchen, spitz
Gancho para piel, agudo
Crochet à peau, pointu
Divaricatore cutaneo, acuto



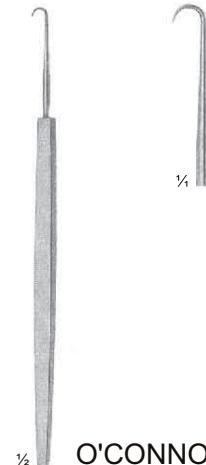
GILLIES(CONVERSE)
17-181-18
17-183-18

Dura and skin retractors, sharp
Dura- und hauthäkchen, spitz
Ganchos para piel y dura-madre, agudo
Crochets à peau et à dure-mère, pointus
Divaricatori per pelle e dura-madre, acuto



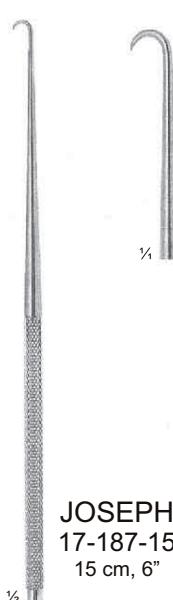
17-181-18
18 cm, 7"

17-183-18
18 cm, 7"



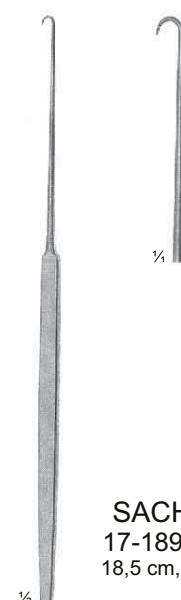
O'CONNOR
17-185-12
12,5 cm, 5"
17-185-16
16 cm, 6 1/4"

Skin retractor (iris hook), sharp
Hauthäkchen (irishäkchen), spitz
Gancho para piel (gancho para iris), agudo
Crochet à peau (iris), pointu
Uncino cutaneo (uncino per iride), acuto



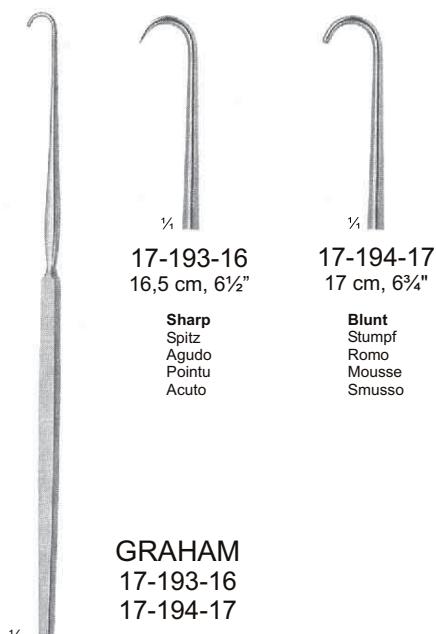
JOSEPH
17-187-15
15 cm, 6"

Hook for plastic surgery, sharp
Häkchen für plastische Chirurgie, spitz
Gancho para cirugía plástica, agudo
Crochet pour la chirurgie plastique, pointu
Uncino per chirurgia plastica, acuto



SACHS
17-189-18
18,5 cm, 7 1/4"

Dura hook, sharp
Durahäkchen, spitz
Gancho para dura-madre, agudo
Crochet pour la dure-mère, pointu
Uncino per dura-madre, acuto



GRAHAM
17-193-16
17-194-17

Sharp
Spitz
Agudo
Pointu
Acuto

Blunt
Stumpf
Romo
Mousse
Smusso

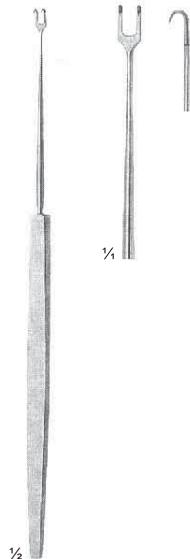
Dura hook, blunt
Durahäkchen, stumpf
Gancho para dura-madre, romo
Crochet pour la dure-mère, mousse
Uncino per dura-madre, smusso



Wound and Nerve Hooks

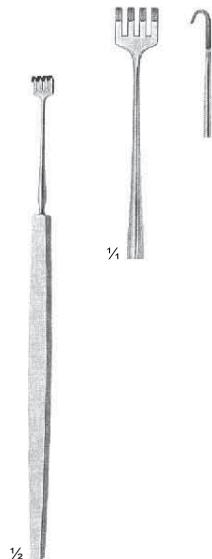
Wund- und Hauthäkchen (Nervhäkchen)
Ganchos y ganchitos para nervios
Ecarteurs très fins et crochets à nerfs
Divaricatori finini (Uncini per nervi)

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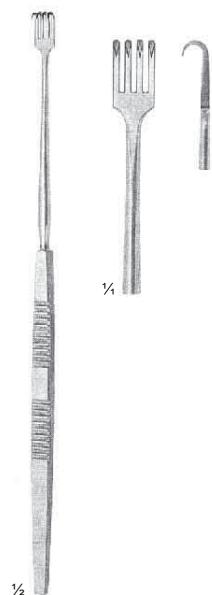
FREER
17-197-15
15 cm, 6"

Sharp
Spitz
Agudo
Pointu
Acuto



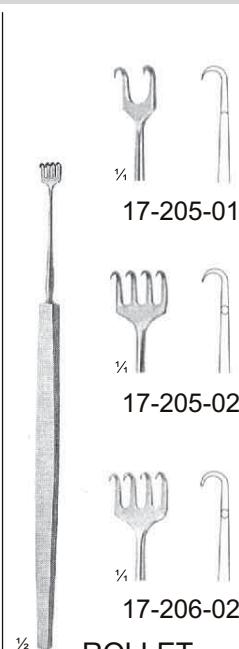
KNAPP
17-202-14
14 cm, 5 1/2"

Blunt
Stumpf
Romo
Mousse
Smusso



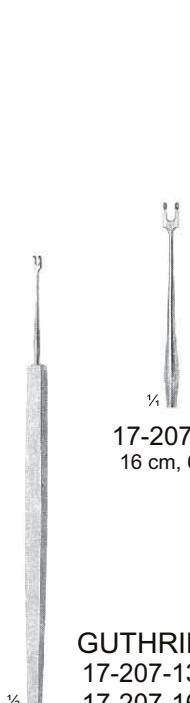
KNAPP
17-203-16
16 cm, 6 1/4"

Sharp
Spitz
Agudo
Pointu
Acuto



ROLLET
17-205-01
17-206-02
14 cm, 5 1/2"

Sharp
Spitz
Agudo
Pointu
Acuto

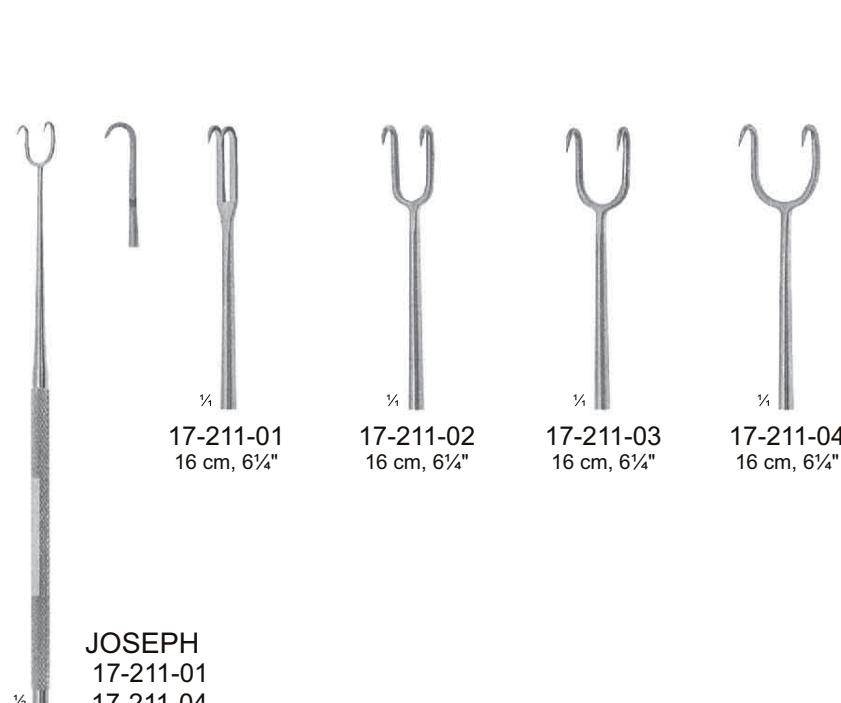


17-207-16
16 cm, 6 1/4"

17-207-13
13 cm, 5 1/8"

GUTHRIE
17-207-13
17-207-16

Skin retractor (iris hook), sharp
Hauthäkchen (Irishäkchen), spitz
Gancho para piel (gancho para iris), agudo
Crochet à plaies (iris), pointu
Divaricatore cutaneo (uncino per iride), acuto



17-211-01
16 cm, 6 1/4"

17-211-02
16 cm, 6 1/4"

17-211-03
16 cm, 6 1/4"

17-211-04
16 cm, 6 1/4"

JOSEPH
17-211-01
17-211-04

Hooks for plastic surgery, sharp
Häkchen für plastische Chirurgie, spitz
Ganchos para cirugía plástica, agudos
Crochets pour la chirurgie plastique, pointu
Uncini per chirurgia plastica, acuti



Wound and Trachea Retractors
Wund- und Trachealkäkchen
Ganchos y Separadores para la tráquea
Ecarteurs pour trachéotomie
Ddivaricatori - Uncinini per tracheotomia



017



17-213-01
17-213-04



17-213-02
16 cm, 6 1/4"



17-213-03
16 cm, 6 1/4"



17-214-01
16 cm, 6 1/4"



17-214-02
16 cm, 6 1/4"



17-214-03
16 cm, 6 1/4"



17-214-04
16 cm, 6 1/4"

Trachea retractors, sharp / flexible
Trachealkäkchen, spitz / flexibel
Separadores para la tráquea, agudos / flexibles
Ecarteurs pour trachéotomie, pointu / flexible
Uncini tracheali, acuti / flessibili

Trachea retractors, blunt / flexible
Trachealkäkchen, stumpf / flexibel
Separadores para la tráquea, romos / flexibles
Ecarteurs pour trachéotomie, mousse / flexible
Uncini tracheali, smussi / flessibili



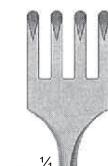
17-215-01
16,5 cm, 6 1/2"



17-215-02
16,5 cm, 6 1/2"



17-215-03
16,5 cm, 6 1/2"



17-215-04
16,5 cm, 6 1/2"



17-216-01
16,5 cm, 6 1/2"



17-216-03
16,5 cm, 6 1/2"



17-216-02
16,5 cm, 6 1/2"



17-216-04
16,5 cm, 6 1/2"

17-215-01
17-215-04

Trachea retractors, sharp
Trachealkäkchen, spitz
Separadores para la tráquea, agudos
Ecarteurs pour trachéotomie, pointu
Uncini tracheali, acuti

17-216-01
17-216-04

Trachea retractors, blunt
Trachealkäkchen, stumpf
Separadores para la tráquea, romos
Ecarteurs pour trachéotomie, mousse
Uncini tracheali, smussi



Wound and Trachea Retractors

Wund- und Trachealkäkchen

Ganchos y Separadores para la tráquea

Ecarteurs pour trachéotomie

Ddivicatori - Uncinini per tracheotomia



017



17-221-01
12 cm, 4 1/4"

LAHEY

17-221-01
17-221-02

Sharp
Spitz
Agudo
Pointu
Acuto



17-221-02
12 cm, 4 1/4"



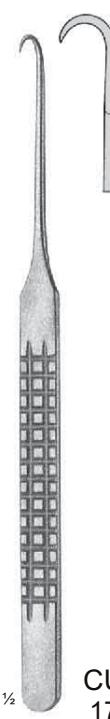
17-226-01
16 cm, 6 1/4"

FOMON
17-226-01
17-240-02

Hook for posterior nares
Choanenhaken
Gancho para las coanas
Crochet nasal
Uncino per narici posteriori



17-240-02
17 cm, 6 1/4"



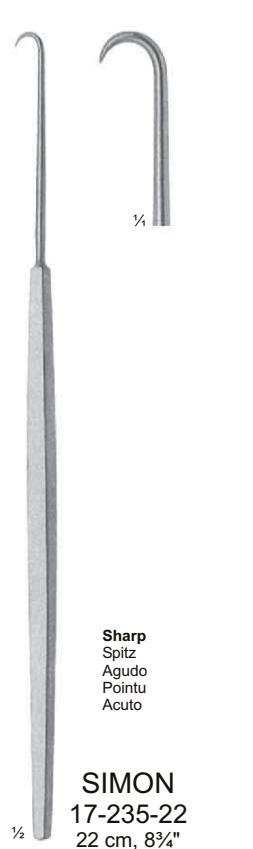
17-231-01
16 cm, 6 1/4"

Sharp
Spitz
Agudo
Pointu
Acuto

CUSHING
17-231-01
17-231-02



17-231-02
16 cm, 6 1/4"



SIMON
17-235-22
22 cm, 8 3/4"

Fistula hook
Fistelhaken
Gancho para fistulas
Crochet pour fistules
Uncino per fistole



EMMET
17-237-01
17-237-02

Fistula hook
Fistelhaken
Gancho para fistulas
Crochet pour fistules
Uncino per fistole



17-237-02
22 cm, 8 3/4"



Wound-, Vein-Retractors

Wundhaken, Venenhaken

Ganchos para venas y la tráquea

Ecarteurs et crochets à veines

Divaricatori, Uncini per vene

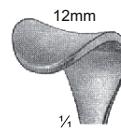
017



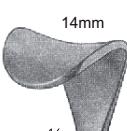
17-250-01
17-250-01
17-250-01
4,5 x 9 mm



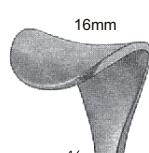
17-250-02
17-250-02
17-250-02
9 x 10 mm



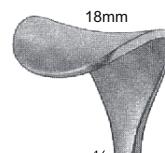
17-250-03
17-250-03
17-250-03
9 x 12 mm



17-250-04
17-250-04
17-250-04
11 x 14 mm



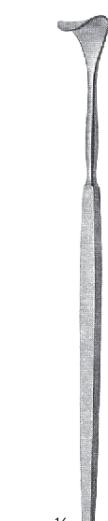
17-250-05
17-250-05
17-250-05
12 x 16 mm



17-250-06
17-250-06
17-250-06
13 x 18 mm



17-250-01
16 cm, 6 1/4"
17-250-06
16 cm, 6 1/4"



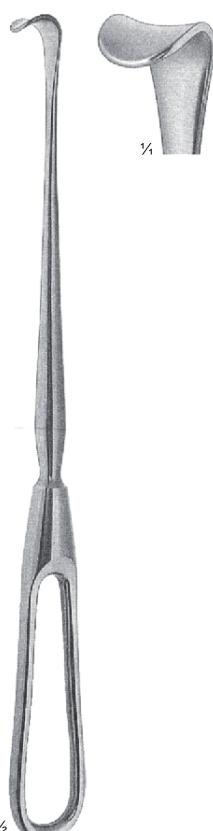
DESMARRES
17-254-01
17-254-06
13 cm, 5"



CUSHING
17-256-01
17-256-06
20 cm, 8"
Vein retractors
Venenhaken
Separadores para venas
Ecarteurs à veines
Divaricatori per vene



CUSHING
17-258-01
17-258-06
24 cm, 9 1/2"
Vein retractors
Venenhaken
Separadores para venas
Ecarteurs à veines
Divaricatori per vene



CUSHING
17-264-23
23 cm, 9"
Vein retractor
Venenhaken
Separador para venas
Ecartur a veines
Divaricatore per vene



CUSHING
17-266-20
20 cm, 8"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



17-270-01
10 x 6 mm



17-270-02
20 x 6 mm

SENN-GREEN
17-270-01
17-270-02
15 cm, 6"



17-272-01
10 x 6 mm



17-272-02
17 x 5 mm



17-272-03
20 x 6 mm



17-272-04
22 x 8 mm

MINI
LANGENBECK
17-272-01
17-272-04
16 cm, 6 1/4"



17-276-01
16 x 6 mm



17-276-02
25 x 6 mm

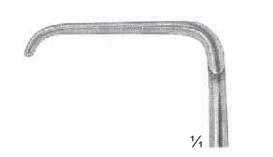
LANGENBECK-GREEN
17-276-01
17-276-02
16 cm, 6 1/4"



17-280-01
16 x 5 mm

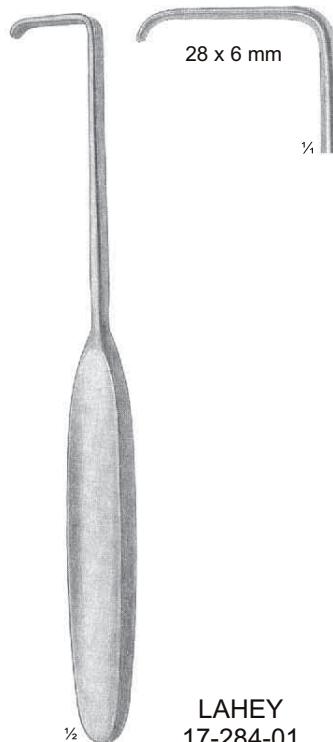


17-280-02
18 x 5 mm



17-280-03
25 x 6 mm

MOBERG
17-280-01
17-280-03
18 cm, 7"



LAHEY
17-284-01
25 x 6 mm
19 cm, 7 1/2"



17-288-01
18 x 7 mm



17-288-02
16 x 5 mm



17-288-03
7 x 4 mm



17-288-04
10 x 3 mm



17-288-05
7 x 4 mm



17-288-06
10 x 4 mm

MEYERDING
17-288-01
17-288-06
18 cm, 7"



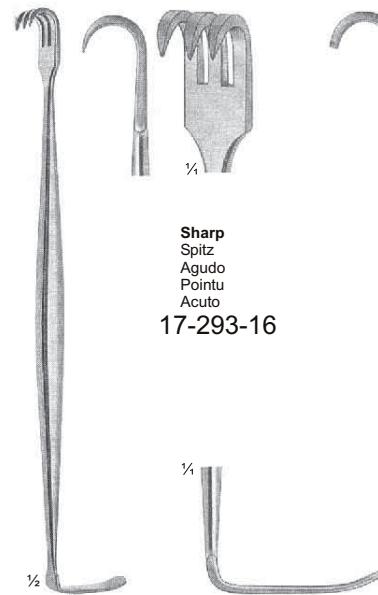
Retractors, double-ended
Wundhaken, doppelendig
Separadores, dobles
Ecarteurs doubles
Divaricatori, doppi



017



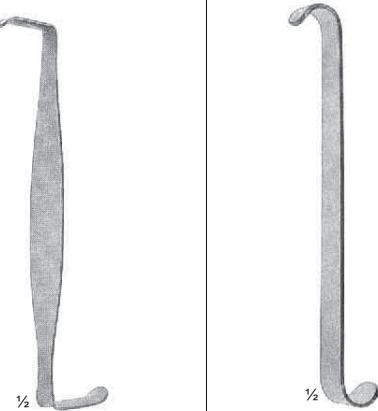
RAGNELL-DAVIS
17-292-14
14 cm, 5½"



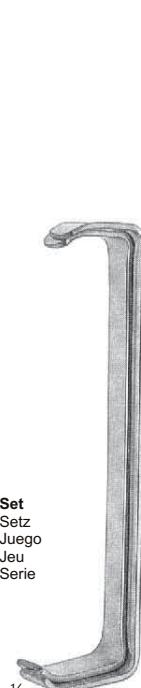
SENN-MILLER
17-293-16
17-294-16
16 cm, 6¼"



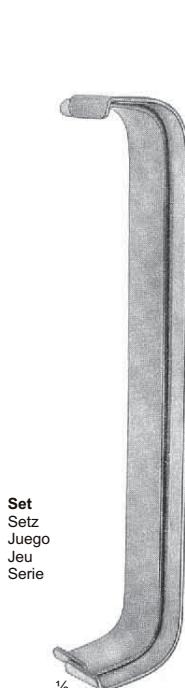
CRILE
17-296-11
11 cm, 4¼"



LUER
17-298-11
11 cm, 4½"



FARABEUF
17-300-12
12 cm, 4¾"



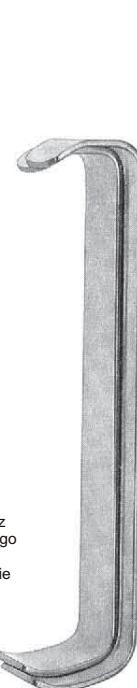
FARABEUF
17-302-15
15 cm, 5"



PARKER
17-308-14
14 cm, 5¼"



PARKER
17-310-18
18 cm, 7"



COLLIN
17-314-17
17 cm, 6½"



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



017



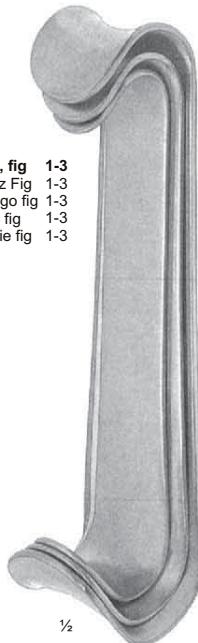
STERNBERG
17-320-01 12 cm, 4¾"
17-320-02 14 cm, 5½"
17-320-03 16 cm, 6¼"



COLLIN-HARTMANN
17-322-14
14 cm, 5½"
17-322-16
16 cm, 6¼"



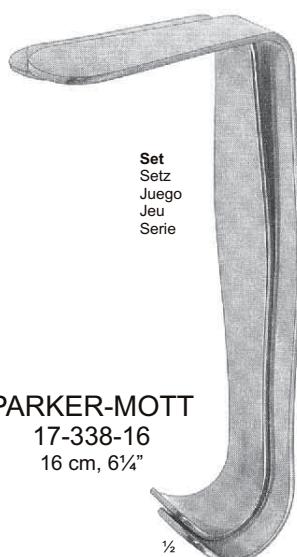
BABY-ROUX
17-326-13
13 cm, 5¼"



ROUX
17-328-17 17-328-02
17 cm, 6¾" 16 cm, 6¾"
17-328-01 17-328-03
15 cm, 6" 17 cm, 6¾"



GOELET
17-336-19
19 cm, 7½"



PARKER-MOTT
17-338-16
16 cm, 6¼"



**PARKER-
LANGENBECK
(US-ARMY)**
17-340-21
21 cm, 8¼"



MATHIEU
17-342-20
20,5 cm, 8"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



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17-345-01



17-345-02



17-345-03



17-345-04

Sharp
Scharf
Agudo
Pointu
Acuto

VOLKMANN
17-345-01
17-346-04
11,5 cm, 4½"



17-346-01



17-346-02



17-346-03



17-346-04

Blunt
Stumpf
Romo
Mousse
Smusso

17-347-01
17-349-0117-347-02
17-349-0217-348-01
17-350-01

Sharp
Scharf
Agudo
Pointu
Acuto

VOLKMANN
17-347-01
17-348-02
22 cm, 8¾"

VOLKMANN
17-349-01
17-350-02
22 cm, 8¾"

Blunt
Stumpf
Romo
Mousse
Smusso

17-351-01
21,5 cm, 8½"17-351-02
21,5 cm, 8½"17-352-02
21,5 cm, 8½"

Sharp
Scharf
Agudo
Pointu
Acuto

Sharp
Scharf
Agudo
Pointu
Acuto

Blunt
Stumpf
Romo
Mousse
Smusso

KOCHER
17-351-01
17-352-02
21,5 cm, 8½"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



$\frac{1}{2}$
KOCHER
17-353-01
17-355-06
22cm, 8 $\frac{3}{4}$ "



17-353-01
17-363-01



17-354-01
17-364-01



17-356-01
17-366-01



17-353-02
17-363-02



17-354-02
17-364-02



17-356-02
17-366-02



17-353-03
17-363-03



17-354-03
17-364-03



17-356-03
17-366-03



17-353-04
17-363-04



17-354-04
17-364-04



17-356-04
17-366-04



17-353-05
17-363-05



17-354-05
17-364-05



17-356-05
17-366-05



17-353-06
17-363-06

Sharp
Scharf
Agudo
Pointu
Acuto



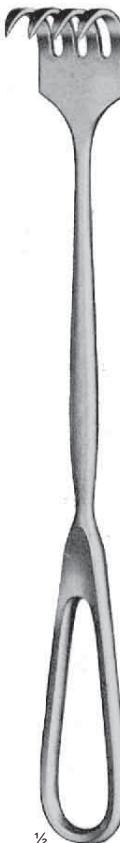
17-354-06
17-364-06

Semi blunt
Stumpf
Romo
Mousse
Smusso



17-356-06
17-366-06

Blunt
Stumpf
Romo
Mousse
Smusso



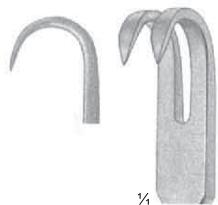
$\frac{1}{2}$
MARTIN
17-363-01
17-365-06
22cm, 8 $\frac{3}{4}$ "



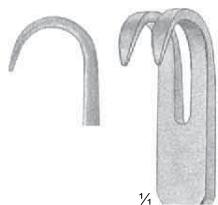
Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



17-357-01
17-367-01
10 x 8 mm



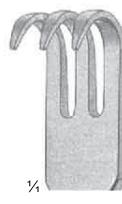
17-359-01
17-369-01
10 x 8 mm



17-360-01
17-370-01
10 x 8 mm



17-357-02
17-367-02
10 x 13 mm



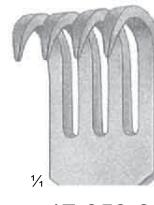
17-359-02
17-369-02
10 x 13 mm



17-360-02
17-370-02
10 x 13 mm



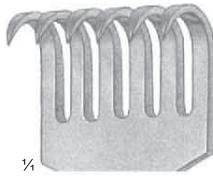
17-357-03
17-367-03
10 x 18 mm



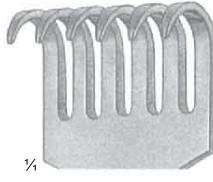
17-359-03
17-369-03
10 x 18 mm



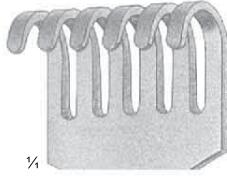
17-360-03
17-370-03
10 x 18 mm



17-357-04
17-367-04
10 x 28 mm



17-359-04
17-369-04
10 x 28 mm

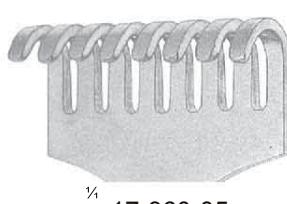


17-360-04
17-370-04
10 x 28 mm



17-357-05
17-367-05
10 x 40 mm

Sharp
Scharf
Aguado
Pointu
Acuto



17-360-05
17-370-05
10 x 40 mm

Blunt
Stumpf
Romo
Mousse
Smusso

VOLKMANN
17-357-01
17-367-05
22 cm, 8 $\frac{3}{4}$ "

VOLKMANN
17-367-01
17-370-05
23 cm, 9"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



Sharp
Scharf
Agudo
Pointu
Acuto



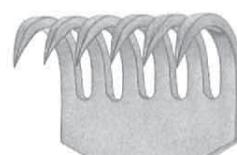
17-373-01
15 x 9 mm



17-373-02
15 x 13 mm



17-373-03
15 x 18 mm



17-373-04
15 x 30 mm



Semi blunt
Stumpf
Romo
Mousse
Smusso



17-375-01
15 x 9 mm



17-375-02
15 x 13 mm



17-375-03
15 x 18 mm



17-375-04
15 x 30 mm

Blunt
Stumpf
Romo
Mousse
Smusso



17-376-01
15 x 9 mm



17-376-02
15 x 13 mm



17-376-03
15 x 18 mm



17-376-04
15 x 30 mm

KOCHER
17-373-01
17-376-04
22 cm, 8 $\frac{3}{4}$ "



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



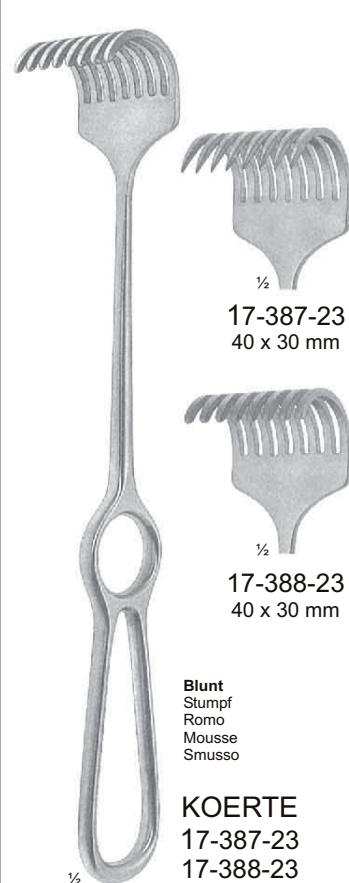
017



OLLIER
17-380-03
22,5 cm, 9"
17-380-04
22,5 cm, 9"



KOERTE-WAGNER
17-383-28
28 cm, 11"



KOERTE
17-387-23
17-388-23
23,5 cm, 9 1/4"

Handle vertical to the blade
Griff vertikal zum blatt
Mango vertical a la hoja
Manche vertical à la valve
Impugnatura verticale a lama



KOERTE
17-390-23
23,5 cm, 9 1/4"

Handle vertical to the blade
Griff vertikal zum blatt
Mango vertical a la hoja
Manche vertical à la valve
Impugnatura verticale a lama

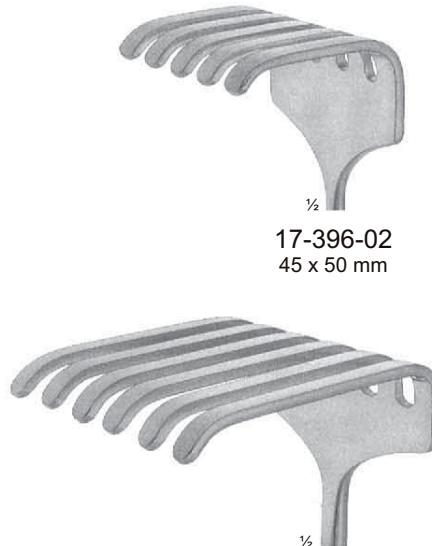


ISRAEL
17-396-01
17-396-04
25 cm, 10"

Blunt
Stumpf
Romo
Mousse
Smusso



17-396-03
50 x 60 mm



17-396-04
70 x 70 mm



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



17-416-01 $\frac{1}{2}$
17-418-01
30 x 11 mm



17-416-02 $\frac{1}{2}$
17-418-02
30 x 14 mm



17-416-03 $\frac{1}{2}$
17-418-03
30 x 16 mm



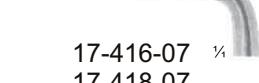
17-416-04 $\frac{1}{2}$
17-418-04
40 x 10 mm



17-416-05 $\frac{1}{2}$
17-418-05
40 x 11 mm



17-416-06 $\frac{1}{2}$
17-418-06
40 x 15 mm



17-416-07 $\frac{1}{2}$
17-418-07
50 x 11 mm



LANGENBECK
17-416-01
17-416-07
21 cm, 8 $\frac{1}{4}$ "



17-420-05
75 x 40 mm $\frac{1}{2}$



17-420-04
75 x 30 mm $\frac{1}{2}$



17-420-03
60 x 25 mm $\frac{1}{2}$



17-420-02
60 x 20 mm $\frac{1}{2}$



17-420-01
40 x 18 mm $\frac{1}{2}$

KOCHER
17-420-01
17-420-05
23 cm, 9"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



17-424-01
55 x 20 mm

1/4



17-424-02
60 x 20 mm

1/4



1/2

LANGENBECK

17-424-01 21,5 cm, 8½"

17-424-02 21,5 cm, 8½"



85 x 15 mm

1/4



1/2

LANGENBECK

17-428-22

22,5 cm, 8¾"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



KOCHER
LAGENBECK
17-434-01
17-434-09
22 cm, 8½"

17-434-01
25 x 6 mm $\frac{1}{2}$

17-434-02
35 x 8 mm $\frac{1}{2}$

17-434-03
35 x 11 mm $\frac{1}{2}$

17-434-04
35 x 15 mm $\frac{1}{2}$

17-434-05
40 x 11 mm $\frac{1}{2}$

17-434-06
55 x 11 mm $\frac{1}{2}$

17-434-07
70 x 14 mm $\frac{1}{2}$

17-434-08
80 x 12 mm $\frac{1}{2}$

17-434-09
80 x 16 mm $\frac{1}{2}$



17-440-03 40 x 10 mm
17-440-04 40 x 15 mm
17-440-05 40 x 20 mm $\frac{1}{2}$

KOCHER
17-440-01
17-440-05
22 cm, 8½"

17-440-01
19 x 12 mm $\frac{1}{2}$

17-440-02
21 x 14 mm $\frac{1}{2}$

17-444-01
45 x 15 mm $\frac{1}{2}$

17-444-02
55 x 23 mm $\frac{1}{2}$

17-444-03
72 x 20 mm $\frac{1}{2}$

SAUERBRUCH
17-444-01
17-444-03
25 cm, 10"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017

17-450-01
25 x 6 mm

17-450-02
8 x 35 mm

17-450-03
40 x 11 mm

17-450-04
55 x 11 mm

17-450-05
70 x 14 mm

17-450-06
80 x 16 mm

17-452-01
23x 6 mm

17-452-02
35 x 8 mm

17-452-03
40 x 11 mm

17-452-04
55 x 11 mm

17-452-05
70 x 14 mm

17-452-06
80 x 16 mm

OBWEGESER

17-450-01
17-450-06
22 cm, 8 $\frac{3}{4}$ "

Soft tissue retractors
Weichteilhaken
Separadores para tejido blando
Ecarteurs pour parties molles
Divaricatori per tessuti molli

OBWEGESER

17-452-01
17-452-06
21,5 cm, 8 $\frac{1}{2}$ "

Soft tissue retractors
Weichteilhaken
Separadores para tejido blando
Ecarteurs pour parties molles
Divaricatori per tessuti molli



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



17-458-01
45 X 45 mm



17-458-02
45 X 50 mm



17-458-03
55 X 70 mm

½

MIDDELDORPF
17-458-01
17-458-03
25,5 cm, 10"



17-460-01
14 X 17 mm
21,5 cm, 8½" ½



17-460-02
20 X 22 mm
22,5 cm, 8¾" ½



17-460-03
26 X 30 mm
23,5 cm, 9½" ½

½

MIDDELDORPF
17-460-01
17-460-03



17-466-22
22 x 20 mm



Thyroid gland retractor
Schilddrüsenhaken
Separador para la glándula tiroidea
Ecarteur pour la thyroïde
Divaricatore per la tiroide

GREEN
17-466-22
22 cm, 8¾"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori

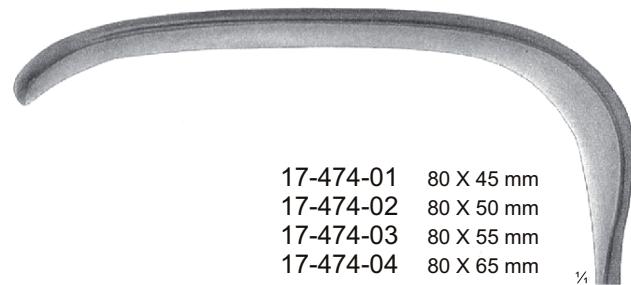


017



17-470-21
67 x 17 mm

1/4



17-474-01 80 X 45 mm
17-474-02 80 X 50 mm
17-474-03 80 X 55 mm
17-474-04 80 X 65 mm

1/4



1/2

CASPAR
17-470-21
21,5 cm, 8½"



1/2

KOCHER
17-474-01
17-474-04
25 cm, 10"



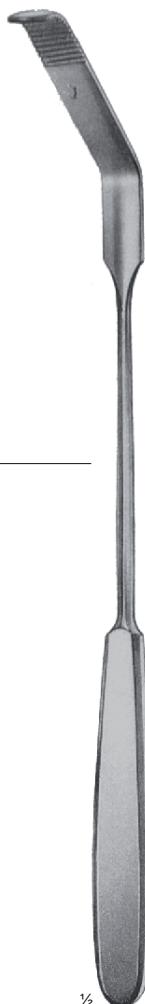
Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



KOCHER
17-478-01
17-478-05
23 cm, 9"

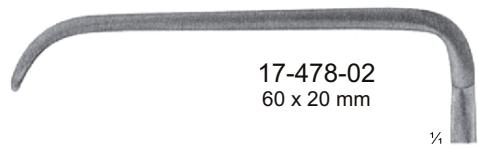


ZENKER
17-480-01
17-480-05



17-478-01
40 x 18 mm

1/4



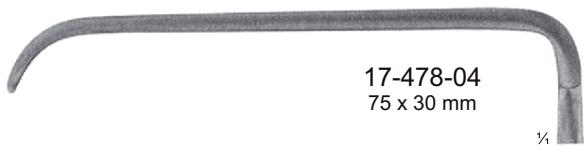
17-478-02
60 x 20 mm

1/4



17-478-03
60 x 25 mm

1/4



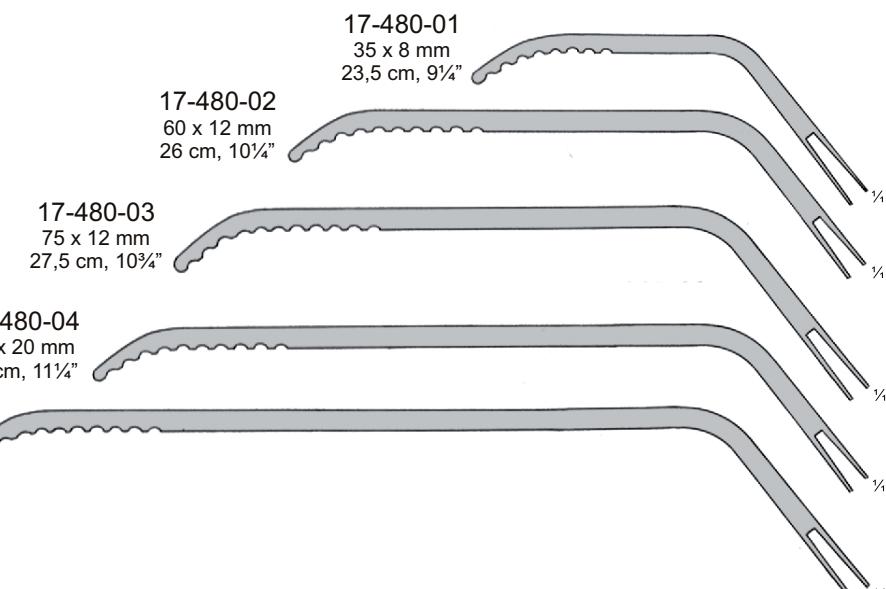
17-478-04
75 x 30 mm

1/4



17-478-05
75 x 40 mm

1/4



17-480-01
35 x 8 mm
23,5 cm, 9 1/4"

17-480-02
60 x 12 mm
26 cm, 10 1/4"

17-480-03
75 x 12 mm
27,5 cm, 10 3/4"

17-480-04
85 x 20 mm
29 cm, 11 1/4"

17-480-05
100 x 25 mm
30 cm, 12"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



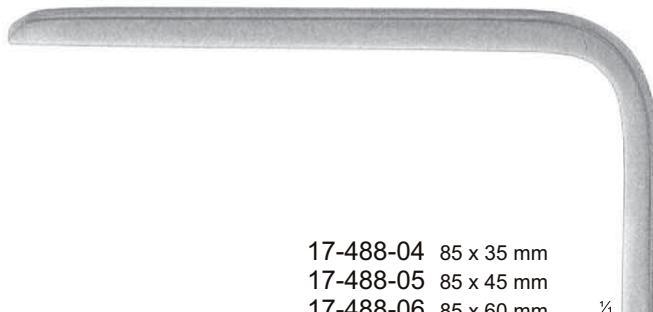
DOYEN

17-488-01
17-488-11
23 cm, 9"

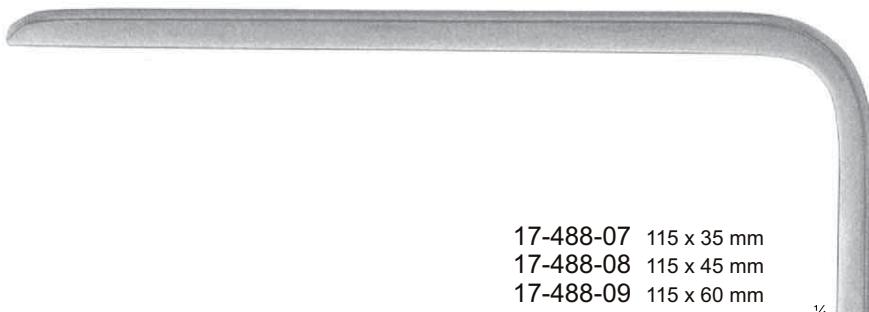
Abdominal retractor
Bauchdeckenhaken
Separadores abdominales
Ecarteurs intra abdominaux
Divaricatori addominale

17-488-01 55 x 35 mm
17-488-02 55 x 45 mm
17-488-03 55 x 60 mm

½



½



½



½



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



FRITSCH
17-492-01
17-492-06
23 cm, 9"

17-492-01 30 x 30 mm
17-492-02 32 x 40 mm

½

17-492-03 40 x 60 mm
17-492-04 40 x 50 mm

½

17-492-05
45 x 75 mm

½

17-492-06
65 x 85 mm

½



17-494-24
50 x 85 mm

½



Abdominal retractor
Bauchdeckenhaken
Separador abdominal
Ecarteur intra abdominaux
Divaricatore addominale

DOYEN
17-494-24
25 cm, 10"



Retractors
Wundhäken
Separadores
Ecarteurs
Divaricatori



017



RICHARDSON
17-496-01
17-496-04
24 cm, 9½"

17-496-01
28 x 20 mm

17-496-02
36 x 28 mm

17-496-03
44 x 38 mm

17-496-04
52 x 22 mm

49x38mm
28x20mm



KELLY
17-498-01
17-498-03
26 cm, 10¼"

17-498-01
50 x 40 mm

17-498-02
50 x 65 mm

17-498-03
75 x 65 mm
17-498-04
90 x 75 mm

36 x 28mm
71 x 43mm

RICHARDSON
EASTMAN
17-502-01
17-502-02
26 cm, 10¼"

Set
Satz
Juego
Jeu
Serie

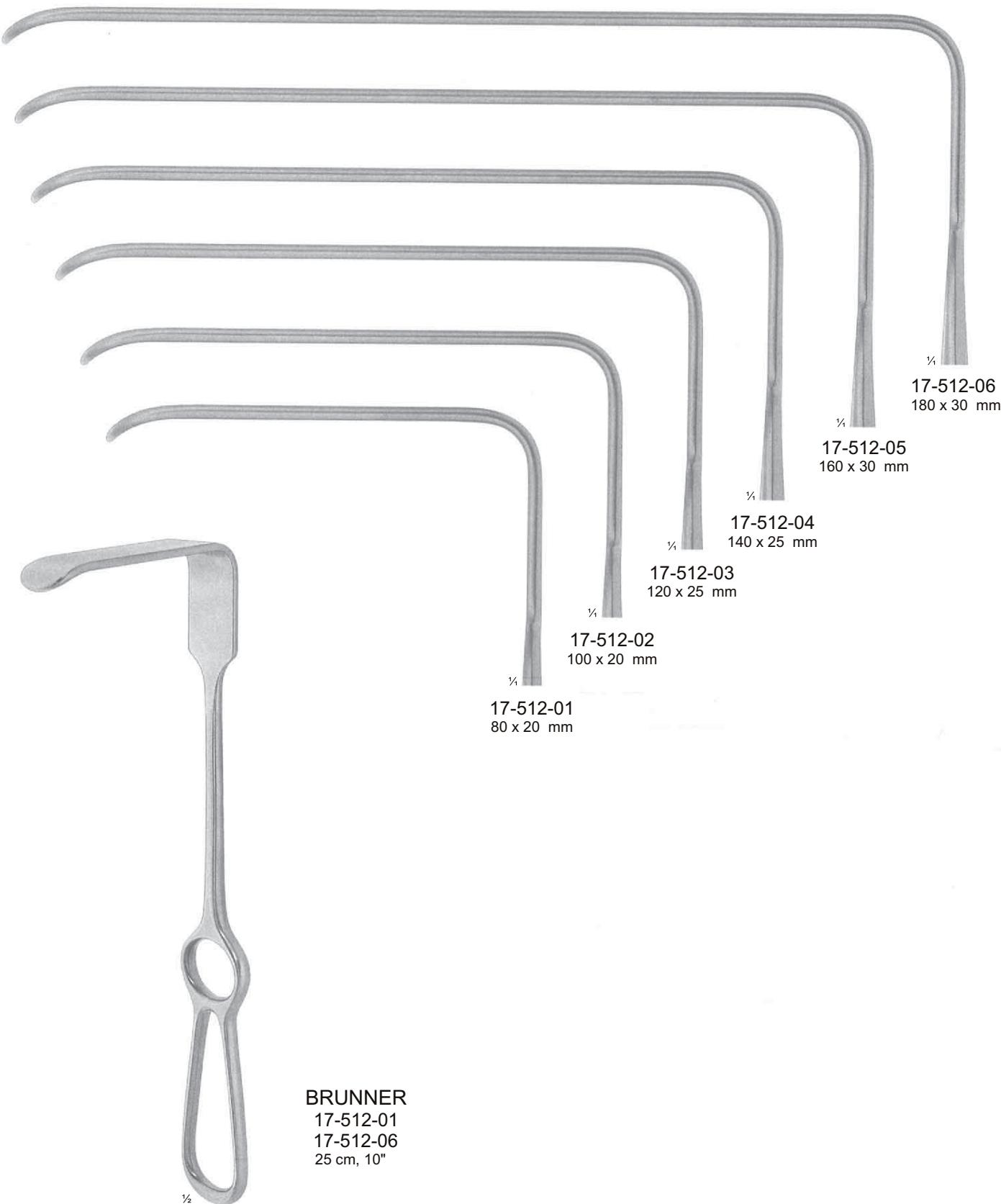


Retractors for Deep Surgery

Wundhaken für Eingriffe in der tiefe
Separadores para cirugía profunda
Ecarteurs pour interventions en profondeur
Divaricatori per interventi in profondità



017



BRUNNER

17-512-01
17-512-06
25 cm, 10"



Retractors for Deep Surgery

Wundhaken für Eingriffe in der tiefe
Separadores para cirugía profunda
Ecarteurs pour interventions en profondeur
Divaricatori per interventi in profondità



017

17-510-07 180 x 30 mm

17-510-06 160 x 30 mm

17-510-05 140 x 25 mm

17-510-04 130 x 30 mm

17-510-03 120 x 25 mm

17-510-02 100 x 20 mm

17-510-01 80 x 20 mm



BRUNNER

17-510-01

17-510-07

25 cm, 10"

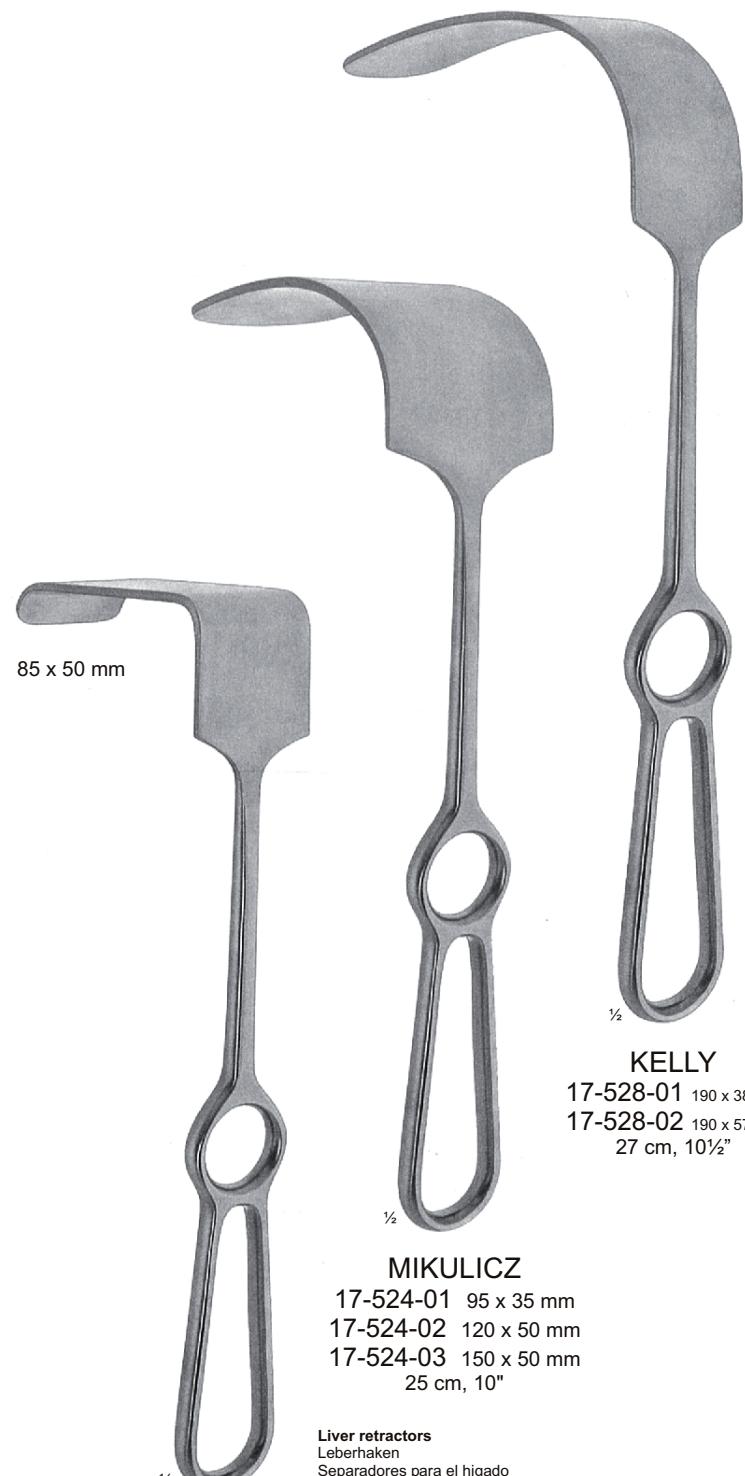


Retractors for Deep Surgery

Wundhaken für Eingriffe in der tiefe
Separadores para cirugía profunda
Ecarteurs pour interventions en profondeur
Divaricatori per interventi in profondità



017





Retractors for Deep Surgery

Wundhaken für Eingriffe in der tiefen
Separadores para cirugía profunda
Ecarteurs pour interventions en profondeur
Divaricatori per interventi in profondità



017

60 x 45 mm

180 x 60 mm

35 x 45 mm

130 x 60 mm

60 x 45 mm

180 x 60 mm

½

ST.MARKS

17-534-33
33 cm, 13"

Pelvis retractor
Pelvishaken
Separador para pelvis
Ecarteur à pelvis
Divaricatore per pelvis

½

ST.MARKS

17-532-29
29 cm, 11½"

Pelvis retractor
Pelvishaken
Separador para pelvis
Ecarteur à pelvis
Divaricatore per pelvis

ST.MARKS

17-530-33
33 cm, 13"

Pelvis retractor
Pelvishaken
Separador para pelvis
Ecarteur à pelvis
Divaricatore per pelvis

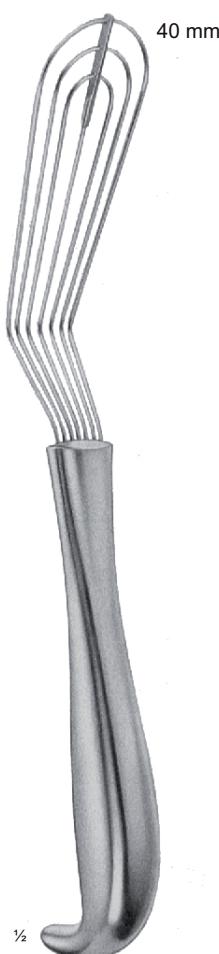
**Lung Retractors**

Lungenhaken
Separadores para el pulmón
Ecarteur à poumons
Divaricatori per polmone

Scapula Retractors

Scapula-Haken
Separadores para scápula
Ecarteur à scapula
Divaricatori per scapola

017



ALLISON
17-540-25
25 cm, 10"



ALLISON
17-542-32
32 cm, 12½"

Lung spatula
Lungenspatel
Espátula para el pulmón
Spatule pulmonaire
Spatole per polmone



DAVIDSON
17-546-16
16 cm, 6¼"

Scapula retractor
Scapula-Haken
Separador para Scápula
Ecarteur à scapula
Dicaricatore per scapola



DAVIDSON
17-548-16
16 cm, 6¼"

Scapula retractor
Scapula-Haken
Separador para Scápula
Ecarteur à scapula
Dicaricatore per scapola



Retractors and Lung Spatulas

Wundhaken und Lungenspatel

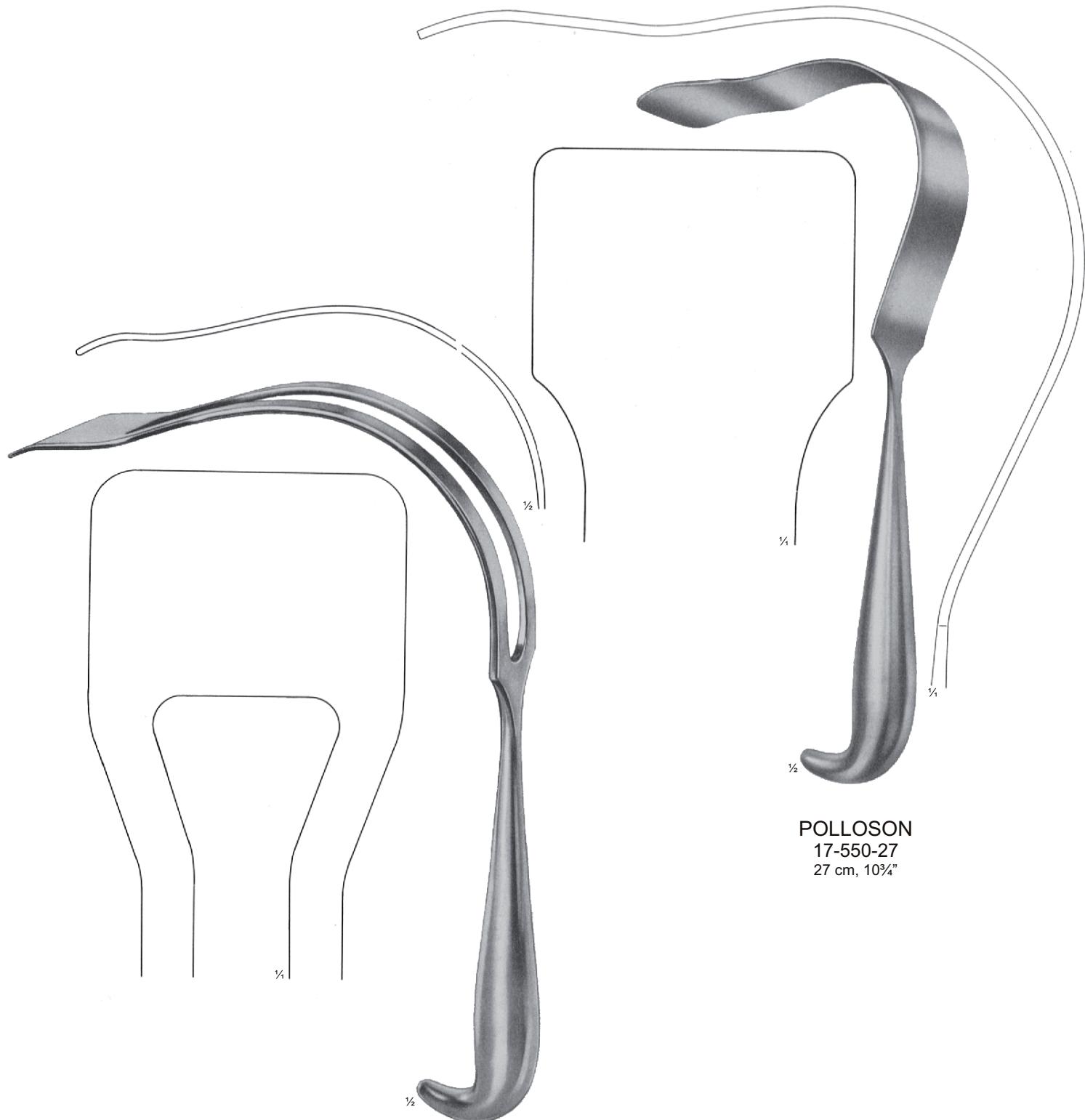
Separadores y espátulas para el pulmón

Ecarteurs et spatules pulmonaires

Divaricatori e spatole per polmone



017



POLLOSON

17-550-27

27 cm, 10 $\frac{3}{4}$ "

POLLOSON

17-550-26

26 cm, 10 $\frac{3}{4}$ "



Retractors and Lung Spatulas

Wundhaken und Lungenspatel

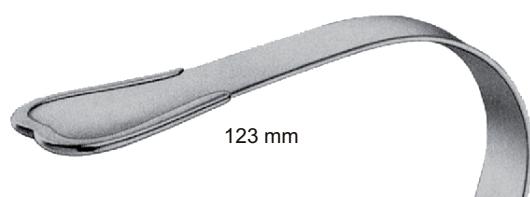
Separadores y espátulas para el pulmón

Ecarteurs et spatules pulmonaires

Divaricatori e spatole per polmone



017

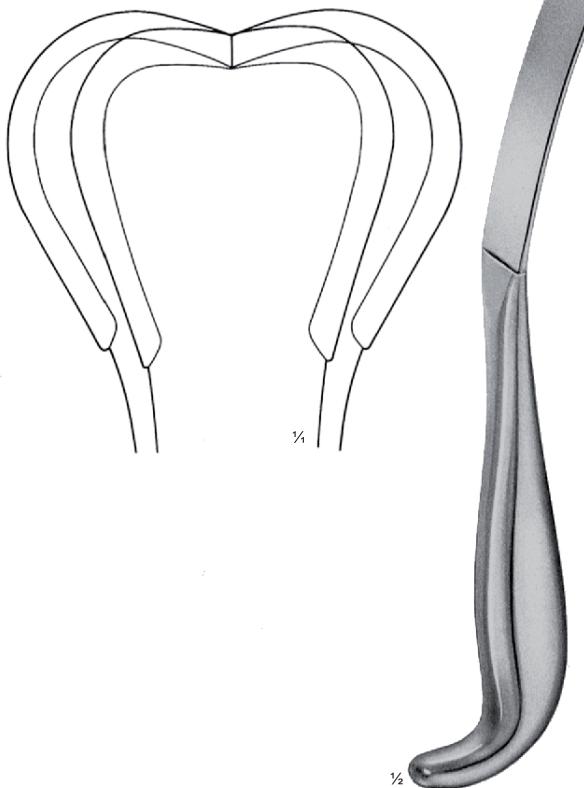


123 mm



64 mm

175 mm

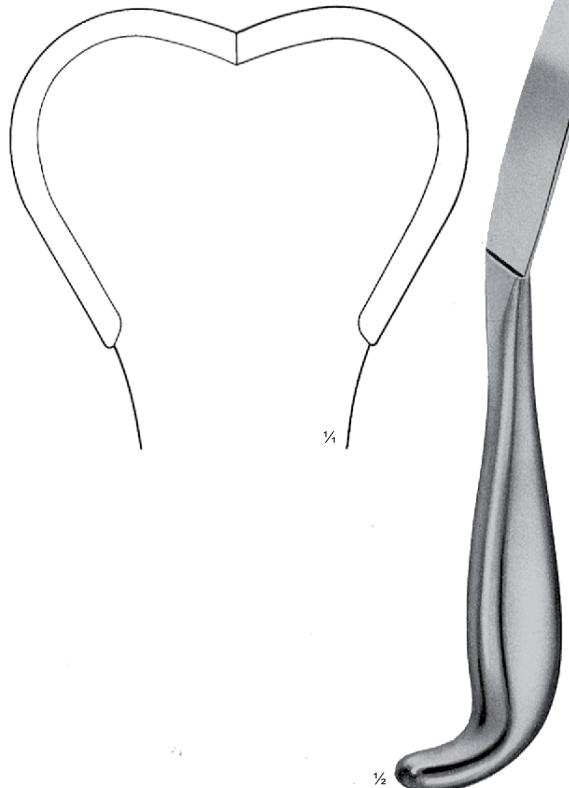


1/4

1/2

HARRINGTON

17-560-01 127 x 40 mm
17-562-02 127 x 62 mm
32 cm, 12½"



1/4

1/2

HARRINGTON-PEMBERTON

17-562-29
175 x 64 mm
29,5 cm, 11¾"



Retractors and Lung Spatulas

Wundhaken und Lungenspatel

Separadores y espátulas para el pulmón

Ecarteurs et spatules pulmonaires

Divaricatori e spatole per polmone



017

19 mm



DEAVER
17-570-01
18 cm, 7"

22 mm



DEAVER
17-570-02
21,5 cm, 8½"

25 mm



DEAVER
17-570-03
23 cm, 9"

25 mm



DEAVER
17-570-04
30 cm, 12"

25 mm



DEAVER
17-570-05
30 cm, 12"

25 mm



DEAVER
17-570-06
33 cm, 13"

25 mm



DEAVER
17-570-07
36 cm, 14"

38 mm



DEAVER
17-570-08
30 cm, 12"



Retractors and Lung Spatulas

Wundhaken und Lungenspatel

Separadores y espátulas para el pulmón

Ecarteurs et spatules pulmonaires

Divaricatori e spatole per polmone



017

50 mm



DEAVER
17-570-09
30 cm, 12"

25 mm



17-580-01
31 cm, 12 1/4"

38 mm



17-580-02
31 cm, 2 1/4"

75 mm



DEAVER
17-570-10
30 cm, 12"

75 mm



DEAVER
17-580-01
17-580-04

50 mm



17-580-03
30,5 cm, 12"

17-580-04
31 cm, 12 1/4"
17-580-05
31 cm, 12 1/4"





Abdominal and intestinal Spatulas

Bauch- und Darmspatel

Espátulas abdominales e intestinales

Spatules abdominaux et intestinaux

Spatole addominali e intestinali



017



17-600-01
20 mm

17-600-02
30 mm

17-600-03
40 mm



KADER
17-600-01
17-600-03
27,5 cm, 10¾"

17 x 25 mm

17-610-06
20cm x 6,5 mm

17-610-09
20cm x 9,5 mm

17-610-13
20cm x 13 mm

17-610-16
20cm x 16 mm

17-610-19
20cm x 19 mm

17-610-25
20cm x 25 mm

17cm x 6¾"

TUFFIER
17-614-01
20 cm, 8"

HABERER
17-618-01 17 x 25 mm
20 cm, 8"
17-618-02 25 x 30 mm
28 cm, 11"
17-618-03 37 x 45 mm
30 cm, 12"

17-622-01 330 x 20 mm
17-622-02 330 x 25 mm
17-622-03 330 x 30 mm
17-622-04 330 x 35 mm
17-622-05 330 x 40 mm
17-622-06 330 x 45 mm
17-622-07 330 x 50 mm

REVERDIN
17-628-01
28 cm, 11"

Malleable, Biegksam, Maleable, Malléable, Malleabile

