



RETRACTORS

Wundhäkchen, Mikrohäkchen
Ganchito, Micro Ganchitos

Crochet, Micro crochetes
Divaricatore, Micro Divaricatori



**Guthrie
Hooklet**



S11-001-01
16 cm
small Sharp



S11-001-02
16 cm
large Sharp



**Gillies
Skin Hook**



S11-002-01
18 cm
Sharp



S11-002-02
18 cm
sharp



Kilner Hook



S11-003-15
15 cm
sharp



**Fisch Hooklet
& Skin Hook**



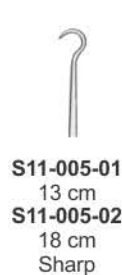
S11-004-01
18.5 cm
sharp



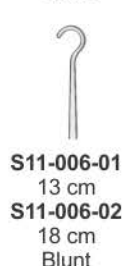
S11-004-02
18.5 cm
sharp



**Frazier Hooklet
& Skin Hook**



S11-005-01
13 cm
S11-005-02
18 cm
Sharp



S11-006-01
13 cm
S11-006-02
18 cm
Blunt



**Hartmann
Skin Hook
S11-007-16**
16 cm sharp



**Wiener Hook
& Skin Hook
S11-008-14**
14 cm
Sharp



**Toennis Hook
& Skin Hook
S11-009-15**
15 cm
Sharp



**Emmet
Hooklet
S11-010-22**
22 cm
Fistula hook



**Iterson
Hooklet**



S11-011-01
16 cm
Sharp



S11-012-01
16 cm
Blunt



**Lange
Skin Hook
S11-013-22**
22 cm
Fistula hook



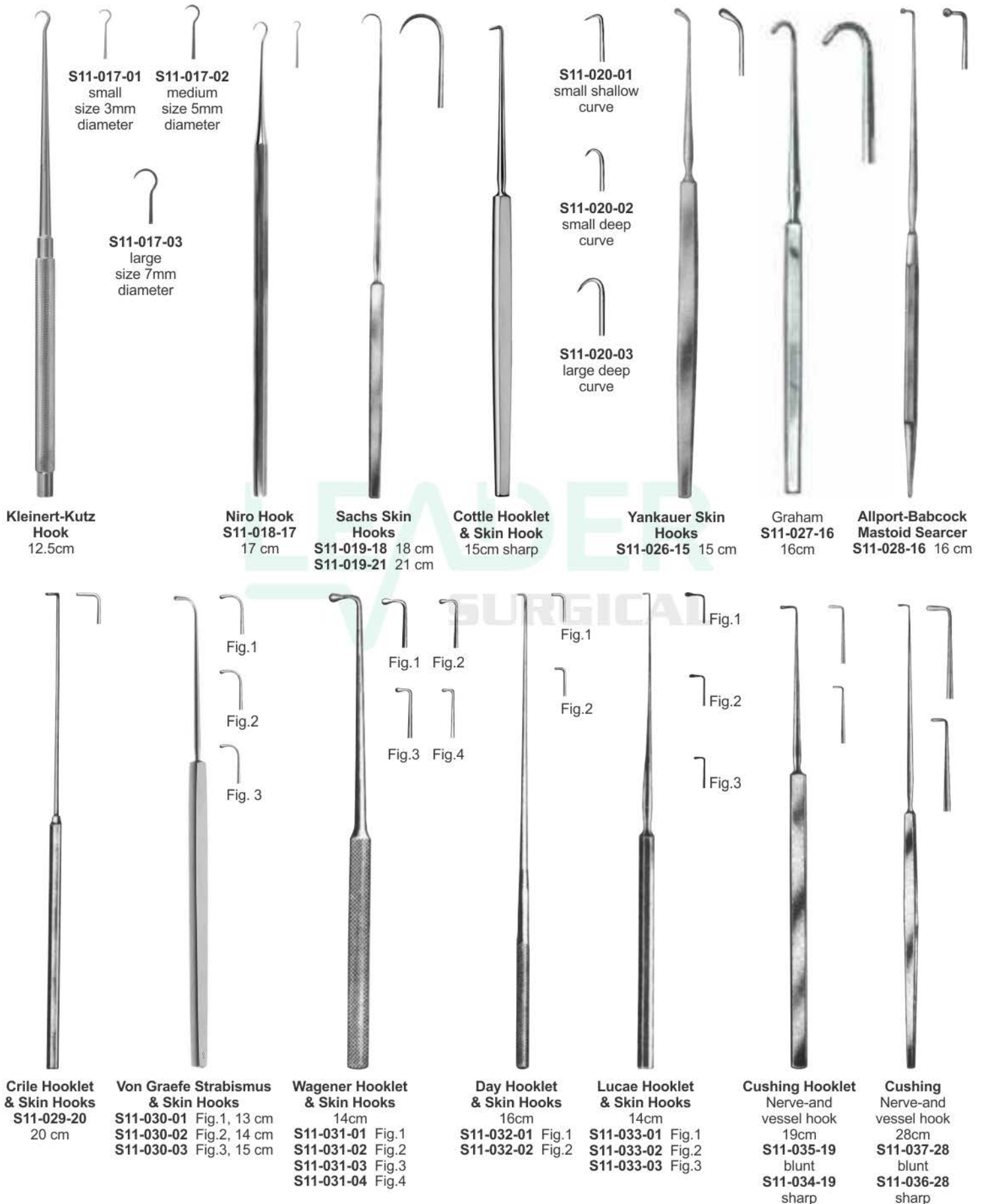
**Simon
Skin Hook
S11-014-22**
22 cm
1 x sharp
Fistula Hook



**Simon
Skin Hook
S11-015-22**
22 cm
2 x sharp



**Mannerfelt
Hook
S11-016-15**
15.5 cm
Sharp
large curve



Wundhäkchen, Mikrohäkchen
Ganchito, Micro Ganchitos

Crochet, Micro crochets
Divaricatore, Micro Divaricatori



Wundhäkchen, Mikrohäkchen
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S11-063-01
Left Sharp



S11-064-01
Right Sharp



S11-063-02
Left Blunt



S11-064-02
Right Blunt



Cottle Retractor
S11-061-15
11mm between two prongs, blunt on the left and sharp on the right 15 cm
Blunt/Sharp

Cottle Retractor
S11-062-15
11mm between two prongs, sharp on the left and blunt on the right 15 cm
Blunt/Sharp

Bose Hooklet
16 cm
Left sharp

Bose Hooklet
16 cm
Right sharp

Neivert Retractors
S11-075-16
16 cm double ended.
Blades 15mm and 3.2mm wide

Kilner Skin Hook
S11-079-10
10 cm
sharp

Converse Hook
S11-080-12 12 cm



S11-081-01
small



S11-081-02
large



S11-081-03
small



S11-081-04
large



Caspar Hook
24.5 cm



S11-082-01



S11-082-02



S11-082-03



S11-082-04

Krayenbuhl Hook
18.5 cm Probe pointed tip with finger rest

Wundhäkchen, Wundhaken

Ganchito, Separadores

Crochet, Ecarteurs

Divaricatore, Divaricatori



Frazier
S11-083-15
15cm



Cottle Four
Prong Retractor
S11-084-16
2mm wide
blunt prongs 16.5cm



Rollet Hooklet
Retractors
S11-085-12
12.5 cm



Rollet (Blair)
Hooklet Retractors
S11-086-13 13.5 cm



Paul Hooklet
Retractors
S11-087-12
12.5 cm



Paul Hooklet
Retractors
S11-088-16
16 cm



Miller Retractor
S11-089-13
13.5 cm
Sharp 6 prong



Miller Retractor

S11-090-13
9 Prong 13.5 cm
Sharp



S11-091-13
9 Prong 13.5 cm
Blunt



Hooklet Retractors
S11-092-13 13 cm



Trachea Retractor
16.5 cm
Sharp

S11-093-01
Tracheal Hook
one prong



S11-093-02
2 prong



S11-093-03
3 prong



S11-093-04
4 prong



Tracheal Retractor
16.5 cm
Blunt

S11-094-01
Tracheal Hook
one prong



S11-094-02
2 prong



S11-094-03
3 prong



S11-094-04
4 prong

Wundhäkchen, Wundhaken
Ganchito, Separadores

Crochet, Ecarteurs
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Tracheal Retractor
18 cm
Sharp



S11-101-02
2 prong



S11-101-03
3 prong



S11-101-04
4 prong



Tracheal Retractor
18 cm
Blunt



S11-102-02
2 prong



S11-102-03
3 prong



S11-102-04
4 prong



Finger Rake, Retractor
16.5 cm
Sharp



S11-103-01
one prong



S11-103-02
two prong



S11-103-03
three prong



S11-103-04
four prong



Finger Rake, Retractor
16.5 cm
Blunt



Blunt



S11-104-01
one prong



S11-104-02
two prong



S11-104-03
three prong



S11-104-04
four prong



Hooklets, Retractors
16 cm



S11-105-02
2 prong
flexible, sharp



S11-105-03
3 prong
flexible, sharp



S11-105-04
4 prong
flexible, sharp



S11-106-02
2 prong
flexible, blunt



S11-106-03
3 prong
flexible, blunt



S11-106-04
4 prong
flexible, blunt



Peck Rake Retractor
16.5 cm



S11-107-04
4 prong
sharp

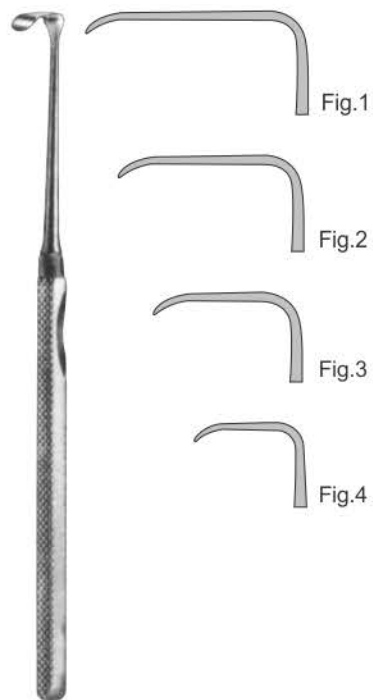


S11-108-02
4 prong
blunt

Wundhäkchen, Wundhaken
Ganchito, Separadores

Crochet, Ecarteurs
Divaricatore, Divaricatori





Mannerfelt-Langenbeck Retractors
15.5cm
S11-121-01 15 x 6 mm Fig.1
S11-121-02 20 x 6 mm Fig.2
S11-121-03 25 x 6 mm Fig.3
S11-121-04 30 x 8 mm Fig.4



Brom Hooklet Retractors
S11-122-17
17 cm



Hooklet Retractors
17 cm

S11-123-14
14x5mm
S11-123-17
17x5mm
S11-123-25
25x6mm



Langenbeck-Mini Retractor
16 cm



Senn-Green Retractor
15 cm



Lukens Retractors
S11-126-17 17 cm



Cope Retractors
S11-127-18 18 cm



Ragnell-Davis Retractor
14 cm
S11-128-14
8 x 4 mm
15 x 5.5 mm



Senn Retractor
16cm



Senn-Mueller Retractor
16cm



Wundhaken
Separadores

Ecarteurs
Divaricatori



Fig.1
S11-133-01
12 x 12 mm



Fig.2
S11-133-02
12 x 14 mm



Fig.3
S11-133-03
12 x 16 mm



S11-134-08
8 mm



S11-134-10
10 mm



S11-134-12
12 mm



S11-134-14
14 mm



S11-134-16
16 mm



S11-134-18
18 mm



S11-135-08
8 mm



S11-135-10
10 mm



S11-135-12
12 mm



S11-135-14
14 mm



S11-135-16
16 mm



S11-135-18
18 mm

**Mannerfelt Hooklet
Retractors**
15.5 cm

**Cushing Hooklet
Retractors**
20 cm

**Cushing Hooklet
Retractors**
24 cm



**Desmarres Lid
Retractors**
16 cm



S11-136-01
7 x 8 mm



S11-136-02
9 x 10 mm



S11-136-03
9 x 12 mm



S11-136-04
11 x 14 mm



S11-136-05
13 x 16 mm



S11-136-06
13 x 18 mm



Mannerfeldt Retractor
16 cm



S11-137-12
12 mm



S11-137-14
14 mm



S11-137-16
16 mm



S11-137-18
18 mm



Cottle Retractor
S11-138-15
15 cm
10 x 12 mm



Konig Retractor
17 cm



S11-139-01
13 x 13 mm



S11-139-02
12 x 16 mm





Herzfeld Retractor
S11-146-20
20 cm



Schoenbore Retractor
S11-147-21
21 cm



S11-148-01
11 x 14 mm



S11-148-02
13 x 18 mm



S11-148-03
15 x 22 mm



Cushing-Kocher Hooklet Retractors
S11-149-18 18 cm
10 x 10 mm



Volkman Retractors
11.5 cm



Sharp



S11-155-02
2 prong



S11-155-03
3 prong



S11-155-04
4 prong



S11-155-06
6 prong

Blunt



S11-156-02
2 prong



S11-156-03
3 prong



S11-156-04
4 prong



S11-156-06
6 prong



Murphy Retractors
19 cm

S11-157-02 2 prongs
S11-157-03 3 prongs
S11-157-04 4 prongs
S11-157-05 5 prongs
Sharp

Murphy Retractors
19 cm

S11-158-02 2 prongs
S11-158-03 3 prongs
S11-158-04 4 prongs
S11-158-05 5 prongs
Blunt


Klapp Retractor

S11-159-01 12X6 mm
S11-159-02 12X11 mm
S11-159-03 15X11 mm
 17.5 cm


Wassmund Retractor

S11-160-20
 20 cm
 33 x 20mm


Volkman Retractors

S11-161-23 23 cm
 Sharp


Volkman Retractors

S11-162-23 23 cm
 Blunt


Lambotte Retractors

20 cm
S11-163-01 13 x 235 mm
S11-163-02 20 x 255 mm
S11-163-03 27 x 270 mm



Fig.1



Fig.2


Ollier Retractor
 23cm

S11-164-01 Fig.1, 36 x 30 mm
S11-164-02 Fig.2, 36 x 60 mm
 blunt


Israel Retractor
 22.5 cm Blunt

S11-165-22



Fig.1



Fig.2



Fig.3



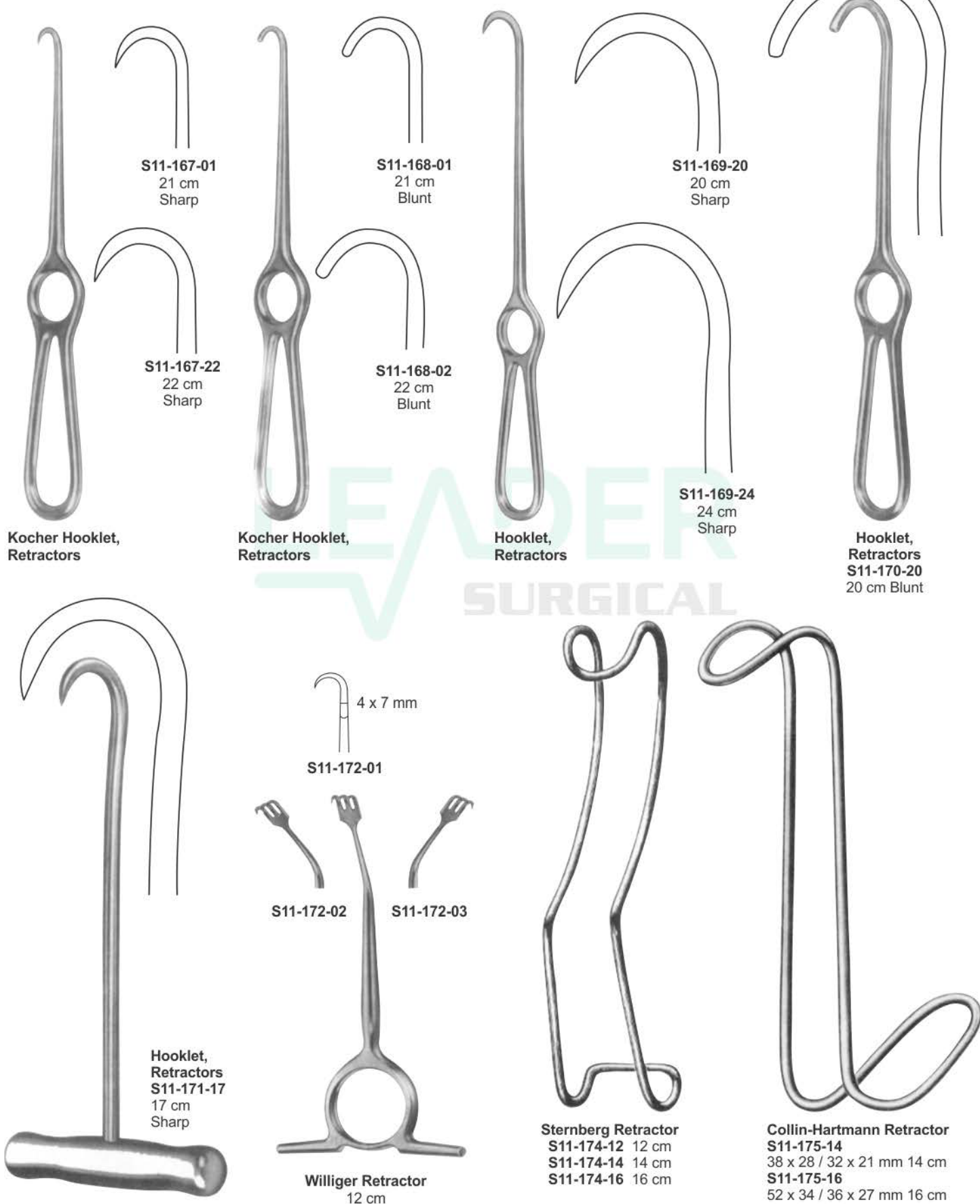
Fig.4

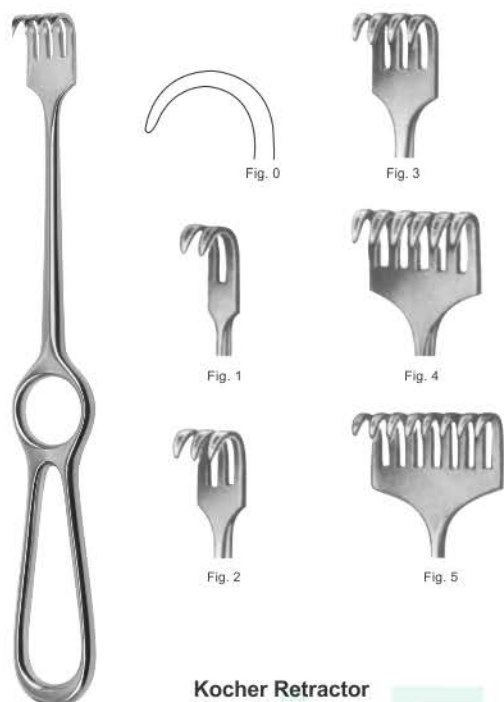
Israel Retractor
 25 cm

S11-166-01 Fig. 1, 40 x 40 mm
S11-166-02 Fig. 2, 45 x 50 mm
S11-166-03 Fig. 3, 50 x 60 mm
S11-166-04 Fig. 4, 70 x 70 mm
 blunt

Wundhäkchen, Wundhaken
Ganchito, Separadores

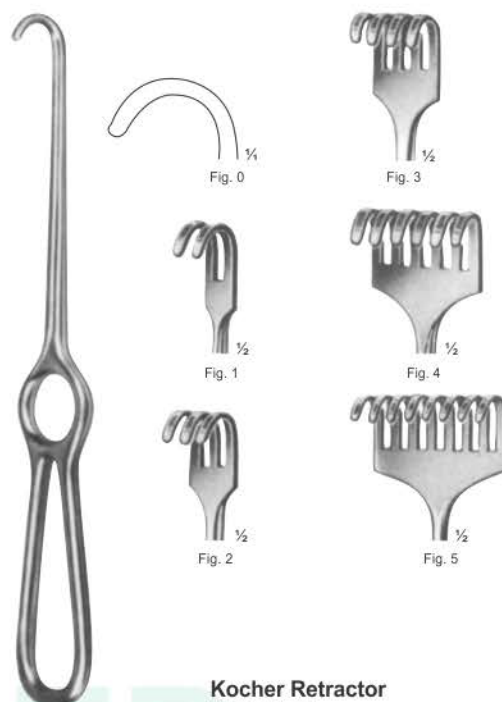
Crochet, Ecarteurs
Divaricatore, Divaricatori





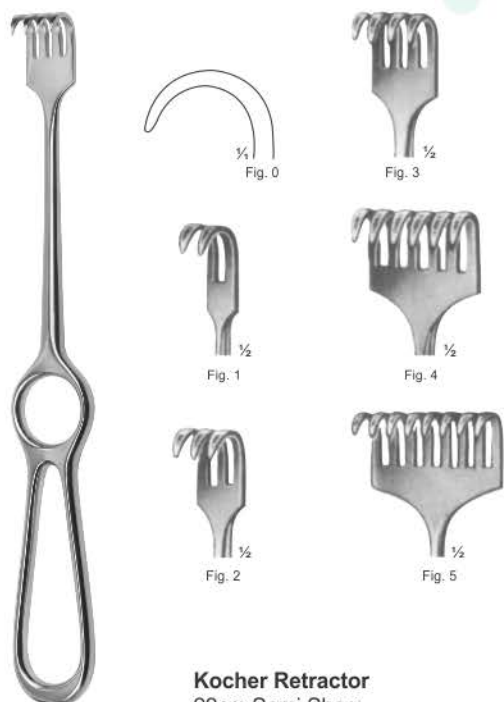
Kocher Retractor
22cm Sharp

- | | | | |
|-------------------|------------|---------|--------|
| S11-181-01 | 15 x 10 mm | 2 prong | Fig. 1 |
| S11-181-02 | 15 x 15 mm | 3 prong | Fig. 2 |
| S11-181-03 | 15 x 20 mm | 4 prong | Fig. 3 |
| S11-181-04 | 15 x 30 mm | 6 prong | Fig. 4 |
| S11-181-05 | 15 x 40 mm | 8 prong | Fig. 5 |



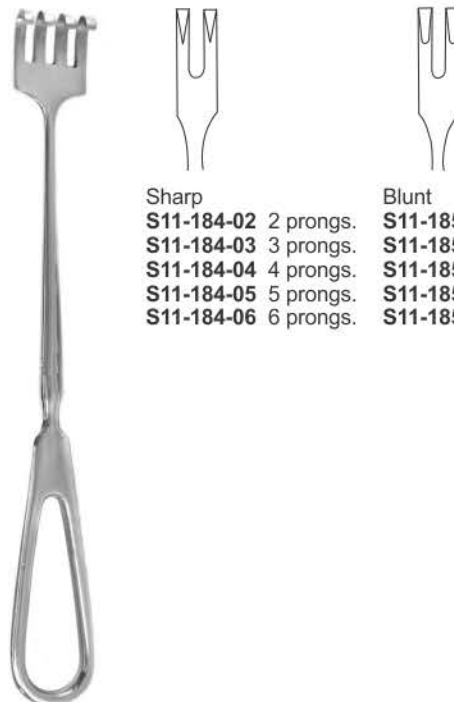
Kocher Retractor
22cm Blunt

- | | | | |
|-------------------|------------|---------|--------|
| S11-182-01 | 15 x 10 mm | 2 prong | Fig. 1 |
| S11-182-02 | 15 x 15 mm | 3 prong | Fig. 2 |
| S11-182-03 | 15 x 20 mm | 4 prong | Fig. 3 |
| S11-182-04 | 15 x 30 mm | 6 prong | Fig. 4 |
| S11-182-05 | 15 x 40 mm | 8 prong | Fig. 5 |



Kocher Retractor
22cm Semi Sharp

- | | | | |
|-------------------|------------|---------|--------|
| S11-183-01 | 15 x 10 mm | 2 prong | Fig. 1 |
| S11-183-02 | 15 x 15 mm | 3 prong | Fig. 2 |
| S11-183-03 | 15 x 20 mm | 4 prong | Fig. 3 |
| S11-183-04 | 15 x 30 mm | 6 prong | Fig. 4 |
| S11-183-05 | 15 x 40 mm | 8 prong | Fig. 5 |

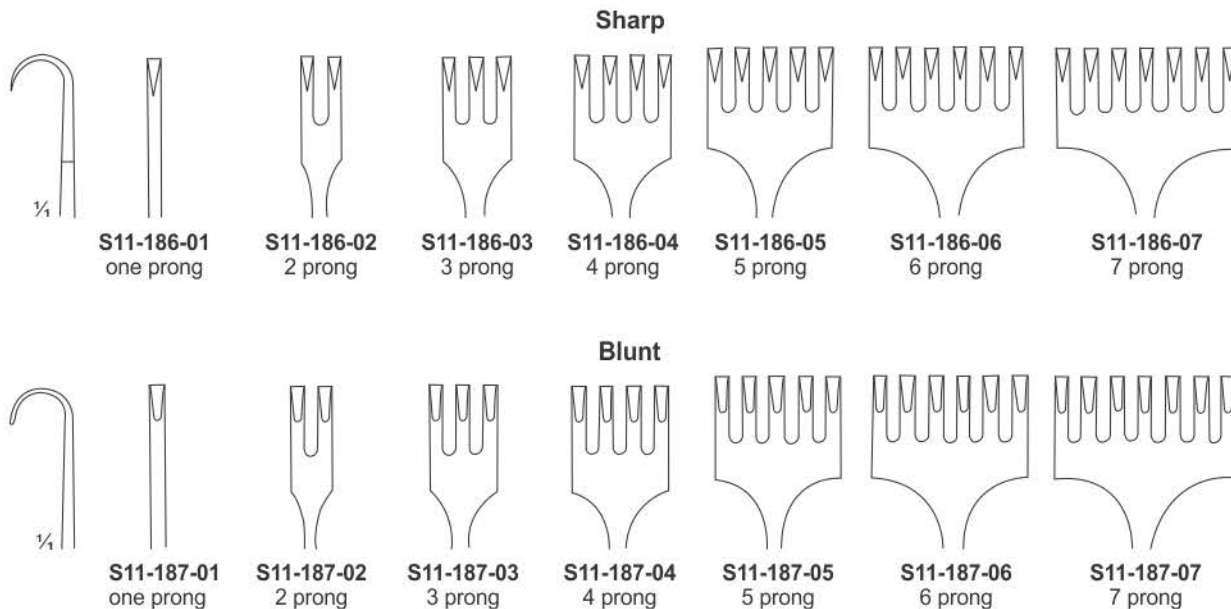


Volkman Retractors
Long Pattern
22 cm

- | | |
|-----------------------------|-----------------------------|
| Sharp | Blunt |
| S11-184-02 2 prongs. | S11-185-02 2 prongs. |
| S11-184-03 3 prongs. | S11-185-03 3 prongs. |
| S11-184-04 4 prongs. | S11-185-04 4 prongs. |
| S11-184-05 5 prongs. | S11-185-05 5 prongs. |
| S11-184-06 6 prongs. | S11-185-06 6 prongs. |

Wundhaken
Ecarteurs
Separadores
Divaricatori

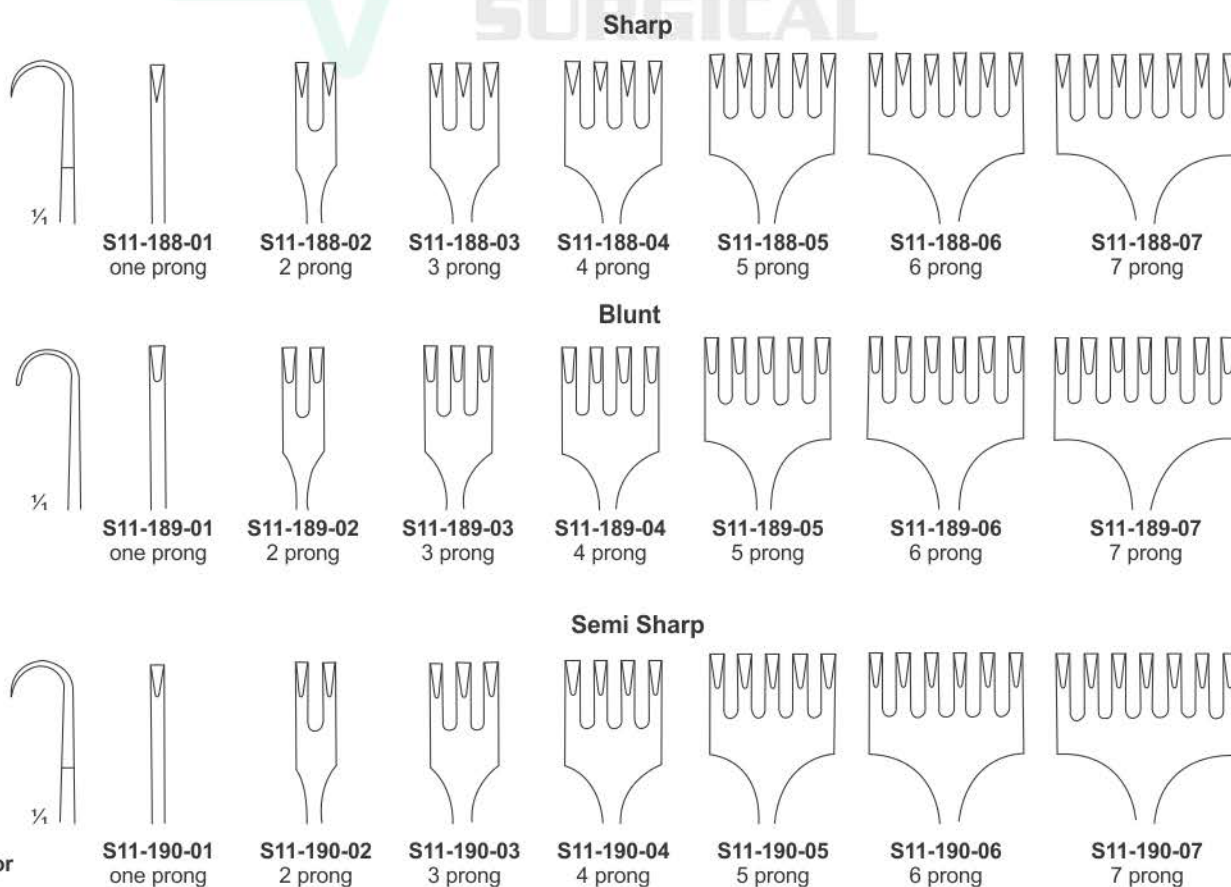

Volkman Retractor
21.5 cm



LEADER
SURGICAL



Volkman Retractor
21.5 cm



Wundhaken
Separadores

Ecarteurs
Divaricatori



Koerte Retractor
S11-191-24 24 cm
26 x 40 mm
sharp



Koerte Retractor
S11-194-23 23 cm
46 x 55 mm
blunt



**Korte-Wagner
Retractor**
S11-195-28 28 cm
Sharp



Koerte Retractor
S11-196-28 28 cm
25 x 40 mm
semi-sharp



Koerte Retractor
S11-199-23 23 cm
Blunt

Koerte Retractor
S11-192-24 24 cm
26 x 40 mm
blunt



Kocher Retractor
22 cm
S11-206-01 40 x 10 mm
S11-206-02 40 x 15 mm
S11-206-03 40 x 20 mm



S11-207-01
19 x 12 mm

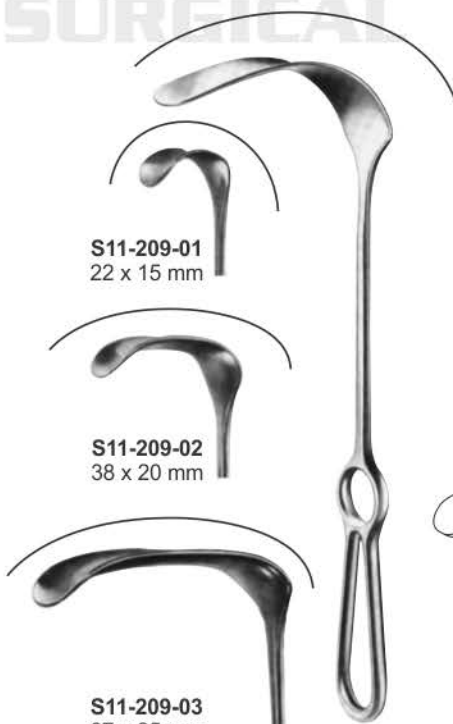


S11-207-02
21 x 14 mm

Kocher Retractor
20.5 cm



Kocher Retractor
23cm
S11-208-01 35 x 18 mm
S11-208-02 60 x 20 mm
S11-208-03 60 x 25 mm
S11-208-04 75 x 30 mm
S11-208-05 75 x 40 mm



S11-209-01
22 x 15 mm

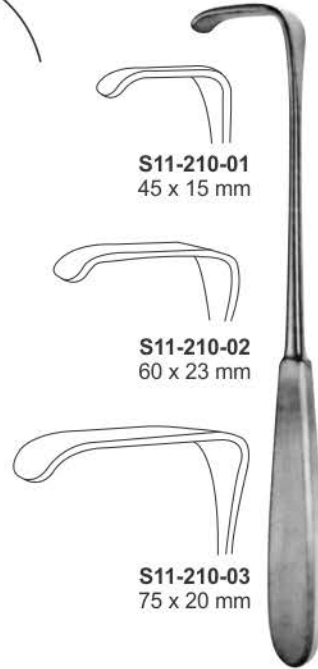


S11-209-02
38 x 20 mm

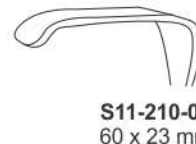


S11-209-03
67 x 25 mm

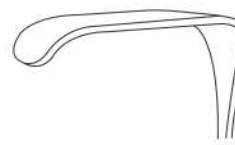
**Kocher-Wagner
Retractor**
28 cm



S11-210-01
45 x 15 mm



S11-210-02
60 x 23 mm

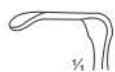


S11-210-03
75 x 20 mm

**Sauerbruch
Retractor**
25 cm



Langenbeck Retractor
20.5 cm



S11-211-01
20 x 7 mm



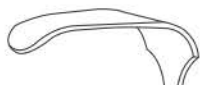
S11-211-02
30 x 7 mm



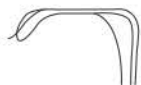
S11-211-03
30 x 11 mm



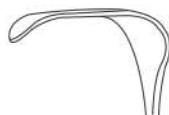
S11-211-04
30 x 15 mm



S11-211-05
30 x 20 mm



S11-211-06
44 x 10 mm



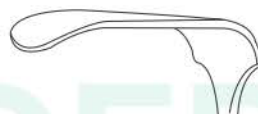
S11-211-07
44 x 15 mm



S11-211-08
45 x 20 mm



S11-211-09
50 x 20 mm



S11-211-10
60 x 20 mm



Langenbeck Retractor
S11-213-21
21 cm
38 x 9mm



Langenbeck Retractor
24 cm



S11-212-01
35 x 7mm



S11-212-02
35 x 11mm



S11-212-03
35 x 15mm



S11-212-04
35 x 20mm



Langenbeck Retractor
S11-214-21
21.5 cm
Handle vertical
to the blade



**Langenbeck
Retractor**
22 cm
S11-215-01 -
S11-215-07

**S11-215-01
S11-216-01**
25 x 6 mm



**S11-215-02
S11-216-02**
35 x 8 mm



**S11-215-03
S11-216-03**
35 x 11 mm



**S11-215-04
S11-216-04**
35 x 15 mm



**S11-215-05
S11-216-05**
41 x 11 mm



**S11-215-06
S11-216-06**
55 x 11 mm



**S11-215-07
S11-216-07**
70 x 14 mm



**Langenbeck
Retractor**
22 cm
S11-216-01 -
S11-216-07



S11-217-01
25 x 6 mm



S11-217-02
35 x 8 mm



S11-217-03
35 x 11 mm



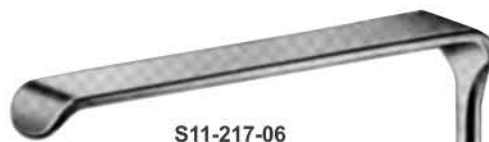
S11-217-04
35 x 15 mm



S11-217-05
40 x 11 mm



S11-217-06
55 x 11 mm



S11-217-07
70 x 14 mm



S11-217-08
80 x 12 mm



S11-217-09
80 x 16 mm



**Kocher-
Langenbeck
Retractor**
21.5 cm





S11-221-01 14 x 17 mm
21.5 cm



S11-221-02 20 x 22 mm
22 cm



S11-221-03 26 x 30 mm
23.5 cm



S11-222-01 14 x 17 mm
21.5 cm



S11-222-02 20 x 22 mm
22 cm



S11-222-03 26 x 30 mm
23.5 cm

Middeldorpf Retractor

Middeldorpf Retractor



S11-223-01
45 x 50 mm



S11-223-02
50 x 52 mm



S11-223-03
55 x 70 mm



S11-224-22
25 x 12mm
Fully curved wire
loop blade



S11-225-01
40 x 12 mm



S11-225-02
55 x 14 mm



Caspar Retractor
21 cm

Middeldorpf Retractor
25.5 cm

**Green Goiter
Retractor**
22 cm

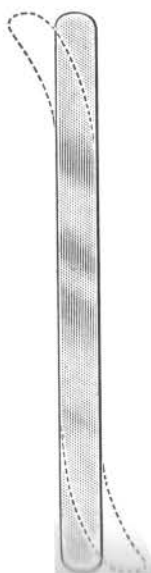
Bandaufroller, Schaufeln
Rétracteurs de ruban, écopés

Retractoires de cinta, palas
Divaricatori a nastro, palette

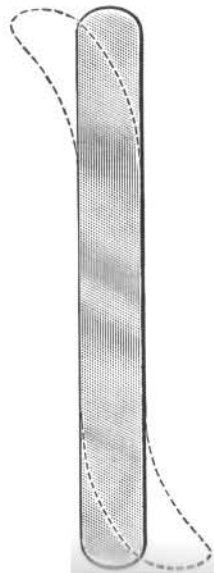


Malleable Ribbon Retractor

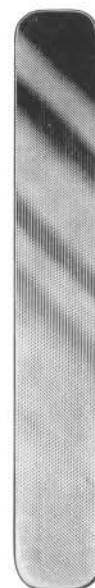
S11-231-01 20cm x 12mm
S11-231-02 20cm x 17mm
S11-231-03 20cm x 25mm
S11-231-04 33cm x 25mm
S11-231-05 33cm x 32mm
S11-231-06 33cm x 40mm
S11-231-07 33cm x 50mm



RIBBON Retractors, malleable
 stainless steel
S11-232-06 6x200mm
S11-232-12 12x200mm
S11-232-17 17x200mm
S11-232-25 25x200mm



Ribbon Retractors, malleable
 stainless steel
S11-233-27 27x250mm
S11-233-35 35x250mm



OCHSNER ribbon Retractors,
 malleable, copper, silver-plated
 33cm

S11-234-03 30x330mm
S11-234-04 40x330mm
S11-234-05 50x330mm
S11-234-07 75x330mm

OCHSNER ribbon Retractors,
 malleable, stainless steel
 33cm

S11-235-03 30x330mm
S11-235-04 40x330mm
S11-235-05 50x330mm



Tuffier Ribbon Retractors
 malleable, 17 + 25mm wide
 20cm
S11-236-17 17+25x200mm



HABERER ribbon Retractors,
 malleable, 37 + 45mm wide
 30cm
S11-237-30 copper, silver-plated
S11-238-30 stainless steel



Reverdin Retractor
S11-239-28 28 cm
 46 x 60 mm



Reverdin Retractor
S11-240-29 29 cm



Blood Scoop
S11-245-15 15 cm



Luer Retractor
S11-246-11 11 cm
10 x 8 mm / 12 x 11 mm



Rose Retractor
S11-247-13 13 cm
12 x 12 mm /
12 x 15 mm



20 x 6 mm

Crile Retractor
S11-248-11 11 cm
12 x 4 mm /
20 x 6 mm

12 x 4 mm



Mathieu Retractor
Set 2 pcs.
S11-249-01 20 cm
47 x 13 / 46 x 26 mm
S11-249-02 20 cm
42 x 13 / 42 x 26 mm



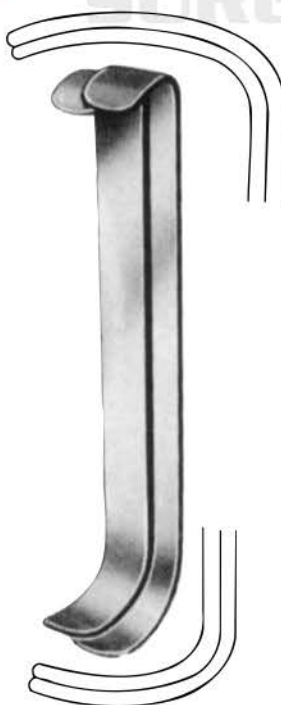
Us-Army Retractor
Set 2 pcs.
S11-250-01 21.5 cm
28 x 15 / 42 x 15 mm
S11-250-02 21.5 cm
25 x 15 / 38 x 15 mm



Farabeuf Retractor
S11-251-00
Set 2 Pcs.
S11-251-01 13 cm
30 x 10 / 34 x 13 mm
S11-251-02 13 cm
26 x 10 / 30 x 13 mm



Farabeuf Retractor
S11-252-00
Set 2 Pcs.
S11-252-01 15 cm
27 x 16 / 30 x 16 mm
S11-252-02 15 cm
23 x 16 / 26 x 16 mm



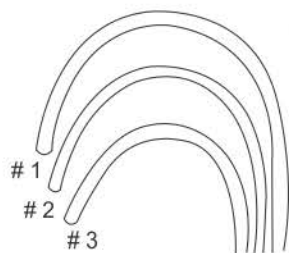
Collin Retractor
S11-253-00
Set 2 pcs.
S11-253-01 16.5 cm
25 x 12 / 35 x 16 mm
S11-253-02 16.5 cm
20 x 12 / 30 x 16 mm



Mayo-Collin Retractor
Set 2 pcs.
S11-254-15 15 cm
28 x 18 / 25 x 18 mm



Sofield Retractor
S11-255-00
set of 6 pec.


**Roux Retractor
S11-256-00**

Set 3 pcs. consisting of

- # 1 **S11-256-01** 14 cm 24 x 20 / 30 x 28 mm
- # 2 **S11-256-02** 15 cm 29 x 26 / 36 x 36 mm
- # 3 **S11-256-03** 17 cm 33 x 29 / 38 x 43 mm


**Baby-Roux Retractor
S11-257-13**

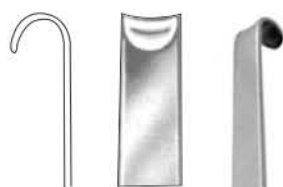
- 13 cm
- 15 x 15 mm/
18 x 21 mm


**Roux Retractor
S11-258-16**

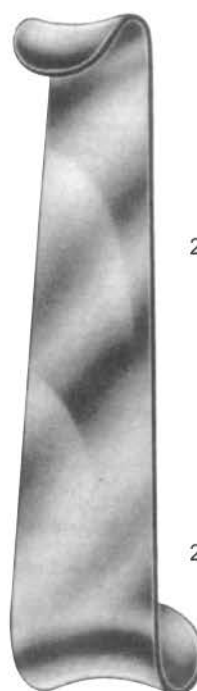
- 16.5 cm
- 28 x 23 mm/
43 x 23 mm


**Roux Retractor
S11-259-18**

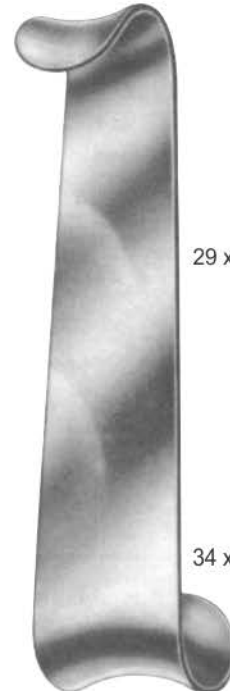
- 18.5 cm
- 28 x 27 mm/
45 x 27 mm


**Roux-Magnus Retractor
S11-261-15**

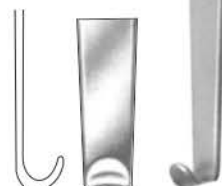
- 15 cm
- 20 x 22 mm/
25 x 38 mm


**Roux-Magnus Retractor
S11-262-16**

- 16 cm
- 23 x 26 mm/
29 x 38 mm


**Roux-Magnus Retractor
S11-263-17**

- 17 cm
- 29 x 29 mm/
34 x 44 mm


**Mini-Roux Retractor
S11-260-14**

- 14 cm

Retraktoren, Nervenretraktoren
Rétracteurs, Rétracteurs nerveux

Retractores, Retractores Nerviosos
Retrattori, divaricatori nervosi



Parker Retractor
S11-264-00

Set 2 pcs.
S11-264-01 13.5 cm
22 x 15 mm / 22 x 15 mm
S11-264-02 18.5 cm



Parker Retractor
Set 2 Pcs

S11-265-13 13.5 cm
18 x 15 mm / 19 x 15 mm



Parker-Langenbeck Retractor
S11-266-00 Set of 2 Pcs.

21.5cm
S11-266-01 Fig.1, 21 x 15 mm
40 x 15 mm
S11-266-02 Fig.2, 25 x 15 mm
46 x 15 mm



Parker-Mott Retractor
S11-267-16 16 cm
68 x 24 / 74 x 24 mm



Love Retractor
S11-271-90
19 cm
90° Angled



Love Retractor
S11-271-45
19 cm
45° Angled



Love Retractor
S11-271-00
19 cm
Straight



Love Retractor
S11-272-00
21 cm
4 mm



Scoville Retractor
S11-273-20
20 cm
7 mm



Scoville Retractor
S11-274-23
23 cm
8 mm

Retraktoren, Knochenhebel
Retractores, palancas óseas
Écarteurs, leviers osseux
Divaricatori, leve ossee

Bennett Bone Lever Retractor

24 cm

S11-275-01 Small Hollow handle
43mm width blade

S11-275-02 Large, Hollow handle
60 mm width blade

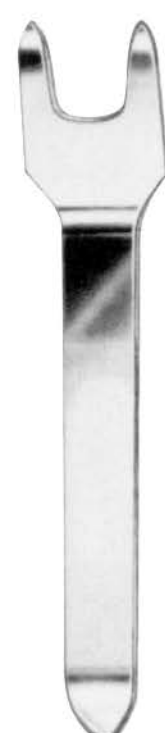
**Murphy-Lane
Bone Skid**
S11-276-30
30 cm

S11-276-34
34 cm

Luxation lever


**Blount
Bone Lever**
S11-277-26
26 cm

**Blount
Bone Lever**
S11-278-26
26 cm

**Lange-Hohmann Mod.
Bone Lever**
S11-279-26 26.5cm 30mm
S11-279-80 28cm 33mm

**Retractor For Knee
S11-280-27** 27 cm

Blunt


**Fukuda Style Shoulder
Retractor**

18cm

S11-281-01

Small, 32mm width x 81mm
length blade

S11-281-02

Large, 38mm width x 81mm
length blade

**Hohmann-Williger
Retractor**
S11-282-16
16 cm

Blount Retractor
S11-283-17
17.5cm

Taylor Retractor

16.5cm

S11-284-01 a=75mm - b=30mm

S11-284-02 a=100mm - b=30mm



Retraktoren, Knochenhebel
Retractores, palancas óseas
Écarteurs, leviers osseux
Divaricatori, leve ossee


Aufricht (Walter) Retractor
S11-296-13 13.5cm



Capsule Retractor
S11-297-25 25.5cm
 3 sharp-pronged,
 22mm width blade



Bristow-Bankart
Humeral Retractor
S11-298-19 19 cm
 3-pronged,
 25mm width x 102mm
 depth blade



Bristow-Bankart Soft
Tissue Retractor
S11-299-20 20 cm
 3-pronged
 21mm width blade,



Humeral Head Retractor
S11-300-22 22 cm
 18mm width blade



Hohmann Bone Elevator
S11-311-22 22 cm
 08mm width blade
S11-311-23 23 cm
 10mm width blade



Hohmann Bone Elevator
S11-312-24 24cm
 18mm



Hohmann Bone Elevator
S11-313-24 24cm 70mm
S11-313-28 28 cm 35mm width blade
S11-313-33 33 cm 40mm width blade



Hohmann Long Shank
Retractor
S11-314-23 23cm
 43mm width blade



**Hohmann
Bone Elevator
S11-315-01
24.5 cm**

**Hohmann
Bone Elevator
S11-315-02
26cm**

**Hohmann
Bone Elevator
S11-315-03
28cm**

**Hohmann
Bone Elevator
S11-315-04
26.5cm**

**Hohmann
Bone Elevator
S11-315-05
26cm**



Cushing Vein Retractor
S11-321-22 22.5 cm
 with fenestrated handle
 Blade 12 mm width x 10 mm



Cushing Decompression Retractor
S11-322-21 21.5 cm
 with fenestrated blade and handle
 Blade 13 mm width x 22 mm



Jackson
S11-323-15
 15 cm



Hibbs Retractor
 23cm
S11-324-01 25 x 75 mm
S11-324-02 25 x 80 mm



Meyering Retractor
S11-325-01 16 X 50 mm, 20 cm
S11-325-02 25 X 75 mm, 23 cm
S11-325-03 50 X 90 mm, 24 cm



Aufranc Cobra Retractor
 29 cm
S11-326-29
 Smooth Blunt tip

S11-327-29
 Smooth Pointed tip

S11-328-29
 Serrated Blunt tip



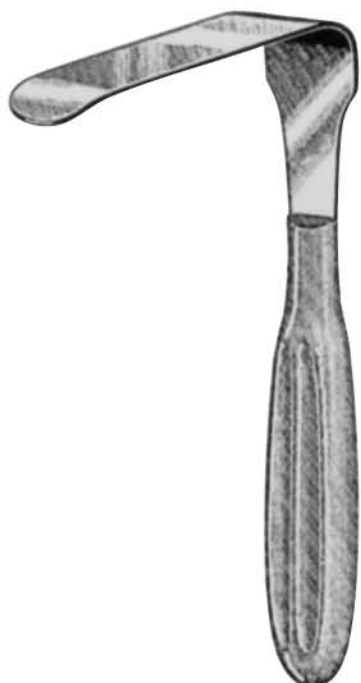
Ollier Retractor
S11-329-18
 18.5 cm



Lahey Goiter Retractor
S11-330-20 20.5 cm
 Right angle blade, length
 1 inch (2.5cm). With lip.



Lahey Retractor
S11-331-19
 19 cm

Retraktoren, Zungenspatel
Retractores, Bajalenguas
Rétracteurs, Abaisse-langue
Divaricatori, Abbassalingua


Brantley-Turner Retractor
S11-332-18 18 cm
 100 x 30 mm



Pryor-Pean Retractor
S11-333-27 27.5 cm
 115 x 25 mm



Love Uvula Retractor
S11-334-01
 18 mm wide blade



Koerte Retractor
S11-335-28 28 cm
 120 x 45 mm



Wieder Tongue Depressor
S11-336-36 large blade 36mm
 wide serrated



Wieder Tongue Depressor
S11-337-43 43.5mm width blade



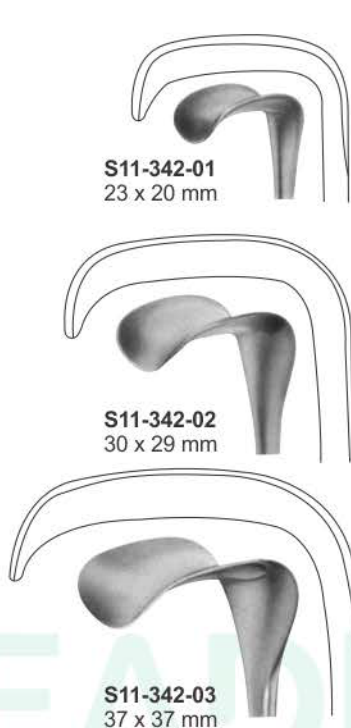
Kuemmel Retractor
S11-338-28 28 cm
 100 x 45 mm



Heany Retractor
 27cm
S11-339-01 45 x 25 mm
S11-339-02 57 x 33 mm
S11-339-03 80 x 33 mm



**Richardson-Eastman
Retractor
S11-341-00**
Set of 2 piece



S11-342-01
23 x 20 mm

S11-342-02
30 x 29 mm

S11-342-03
37 x 37 mm

Richardson Retractor
24 cm



**Richardson Retractor
S11-343-24** 24 cm



S11-344-01 24 cm
Blade 25 x 20 mm wide

S11-344-02 24 cm
Blade 36 x 28 mm wide

S11-344-03 24 cm
Blade 44 x 28 mm wide

S11-344-04 25 cm
Blade 52 x 22 mm wide

S11-344-05 25 cm
Blade 70 x 52 mm wide

**Richardson
Retractors**

S11-345-01 24 cm
50 x 40 mm wide
S11-345-02 24 cm
65 x 50 mm wide
S11-345-03 25 cm
75 x 65 mm wide
S11-345-04 25 cm
90 x 75 mm wide



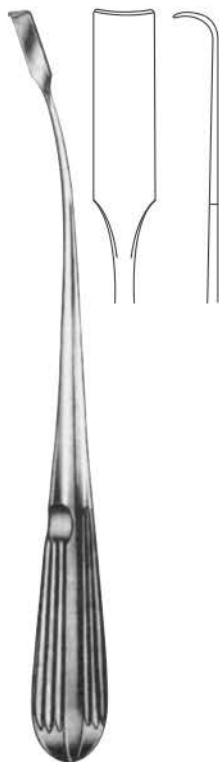
Kelly Retractors



**Kelly Retractor
S11-346-25** 25cm
55 x 50 mm



Kelly Retractor
26 cm



Holsher Retractor
S11-356-24 24 cm
7 mm



Hess Retractor
19 cm

S11-357-01
3x90 mm

S11-357-02
4x90 mm

S11-357-03
5x90 mm

S11-357-04
7x90 mm



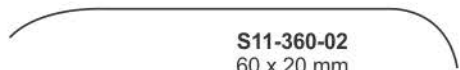
Blount Knee Retractor
S11-358-17 17.5 cm
42 x 4 mm



Taylor Spinal Retractors
S11-359-16 16.5 cm
75 x 30 mm / 100 x 30 mm



S11-360-01
40 x 18 mm



S11-360-02
60 x 20 mm



S11-360-03
60 x 25 mm



S11-360-04
75 x 30 mm



S11-360-05
75 x 40 mm



Kocher Retractor
23 cm



Kocher Retractor
S11-361-22
22 cm
70 x 25 mm



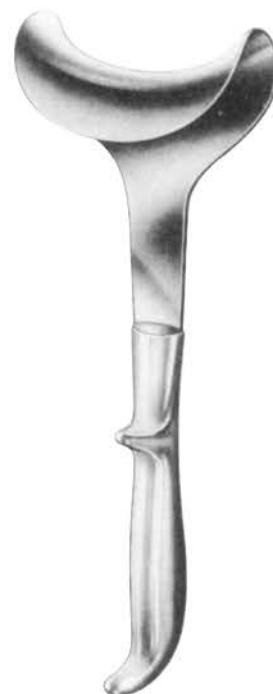
Kocher Retractor
25cm
S11-362-01 80 x 45 mm
S11-362-02 80 x 55 mm
S11-362-03 80 x 65 mm



Cheek-And Lip Retractor
S11-363-19 19 cm
Movable



Tuffier Retractor
23 cm
S11-364-23 55 x 63 mm



Doyen Retractor
25 cm
S11-365-01 40 x 80mm
S11-365-02 50 x 85mm
S11-365-03 53 x 80mm
S11-365-04 82 x 80mm



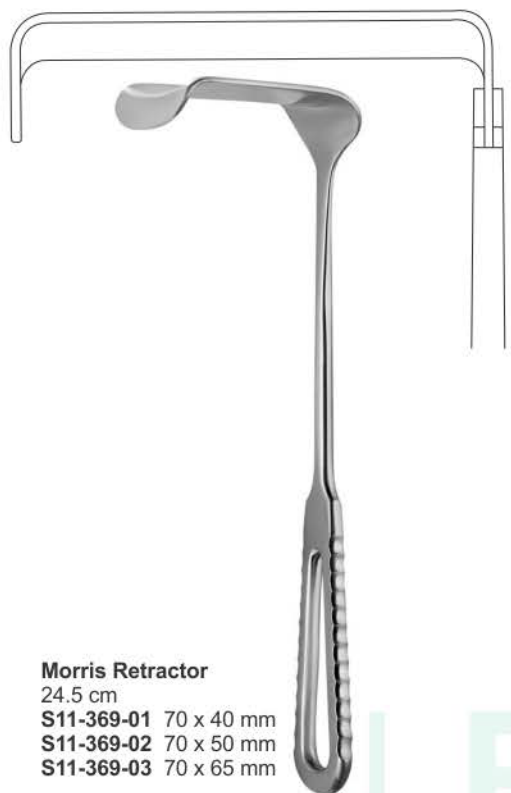
Fritch Retractor
S11-366-24
24cm
45 x 75 mm



Fritch Retractor
24 cm
S11-367-24 35 x 40 mm



Fritch Retractor
24cm
S11-368-01 30 x 30 mm
S11-368-02 32 x 40 mm
S11-368-03 40 x 40 mm
S11-368-04 45 x 50 mm
S11-368-05 40 x 50 mm
S11-368-06 45 x 60 mm
S11-368-07 40 x 60 mm
S11-368-08 45 x 75 mm
S11-368-09 65 x 85 mm



Morris Retractor

24.5 cm

S11-369-01 70 x 40 mm

S11-369-02 70 x 50 mm

S11-369-03 70 x 65 mm



Kelly Retractor

27 cm

S11-370-01

190 x 38 mm

S11-370-02

190 x 57 mm



Mikulicz Retractor

26 cm

S11-371-26

85 x 50 mm



Mikulicz Retractor

26 cm

S11-372-01

95 x 35 mm



Mikulicz Retractor

26 cm

S11-372-02

120 x 50 mm

S11-372-03

150 x 50 mm



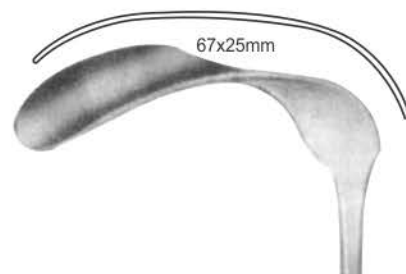
Kocher Retractor
28 cm



S11-373-01



S11-373-02



S11-373-03



S11-373-04

LEADER
SURGICAL

S11-374-01
90x50mm

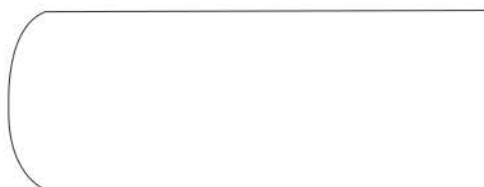
S11-374-02
95x35

S11-374-03
150x50mm

Mikulicz Retractors
26cm



S11-375-01
50 x 15 mm



S11-375-02
63 x 23 mm



S11-375-03
80 x 20 mm



Sauerbruch Retractor
22.5 cm

S11-381-03
115 x 65 mm



Coryllos Retractor
22.5 cm

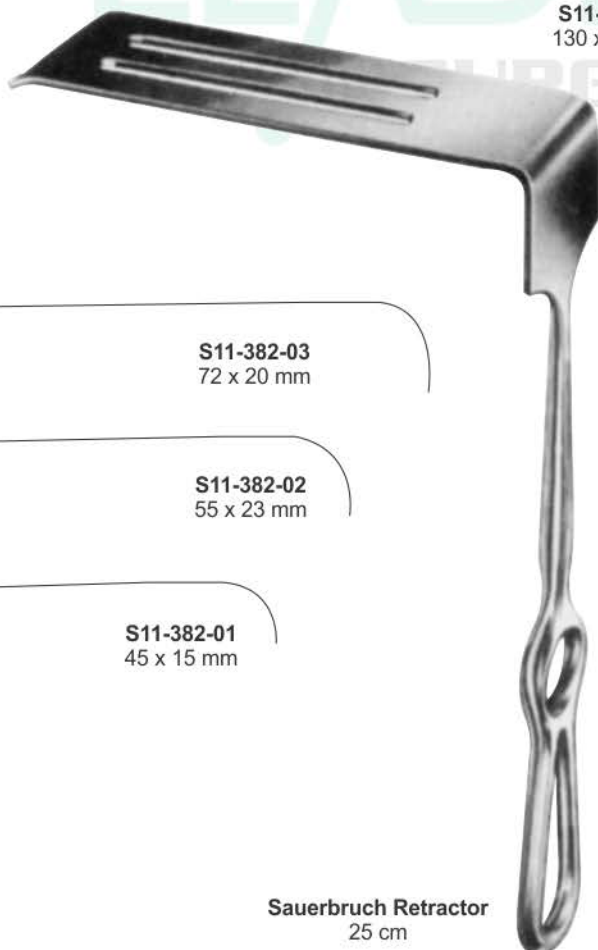
S11-381-02
115 x 38 mm



S11-381-01
82 x 22 mm



S11-382-04
130 x 38 mm



S11-382-03
72 x 20 mm

S11-382-02
55 x 23 mm

S11-382-01
45 x 15 mm

Sauerbruch Retractor
25 cm

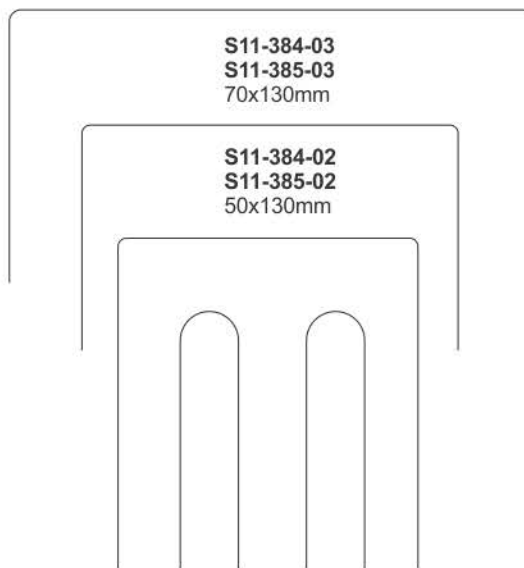


Davidson Retractor
S11-383-01 16 cm 75 x 50 mm
S11-383-02 16 cm 75 x 90 mm

HAND RETRACTORS



Rehn Abdominal Retractors,
S11-384-01
S11-384-02
S11-384-03
25cm

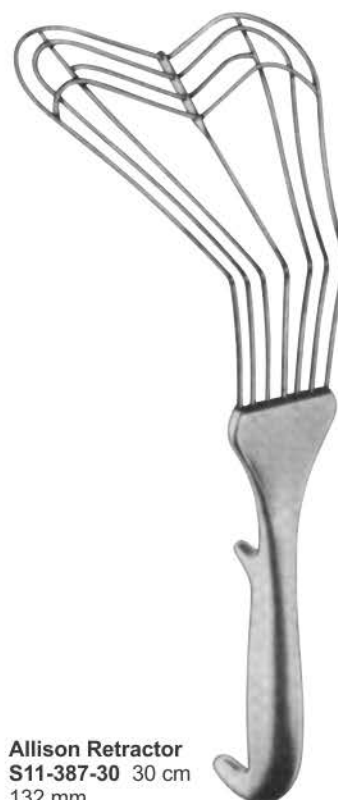


S11-384-01
S11-385-01
40x130mm

Rehn Abdominal Retractors,
S11-385-01
S11-385-02
S11-385-03
bayonet shaped
33cm



Allison Retractor
S11-386-30
30 cm 40 mm
S11-386-32
32 cm 54 mm
lungenspatel Spatulas



Allison Retractor
S11-387-30 30 cm
132 mm



Bruner Retractor
25 cm

S11-391-07
180 x 30 mm

S11-391-06
160 x 30 mm

S11-391-05
140 x 30 mm

S11-391-04
130 x 30 mm

S11-391-03
120 x 25 mm

S11-391-02
100 x 25 mm

S11-391-01
80 x 20 mm

LEADER
SURGICAL



Hosel Retractor
25 cm

S11-392-01
60 x 20 mm

S11-392-03
100 x 30 mm

S11-392-02
80 x 30 mm

S11-392-04
120 x 30 mm

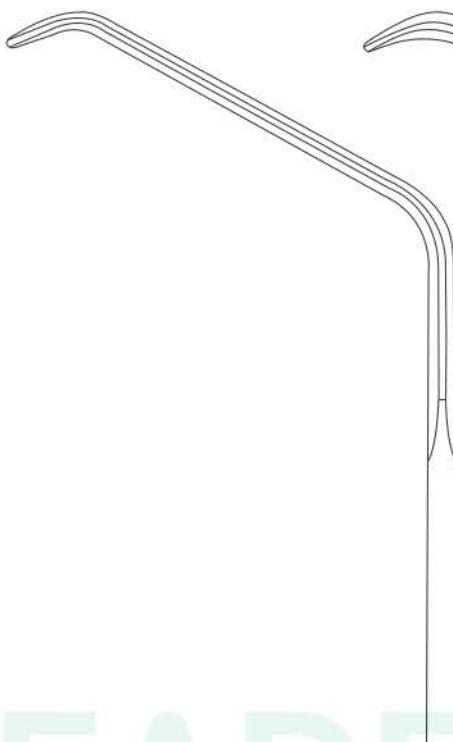
S11-392-05
140 x 30 mm

S11-392-06
140 x 40 mm

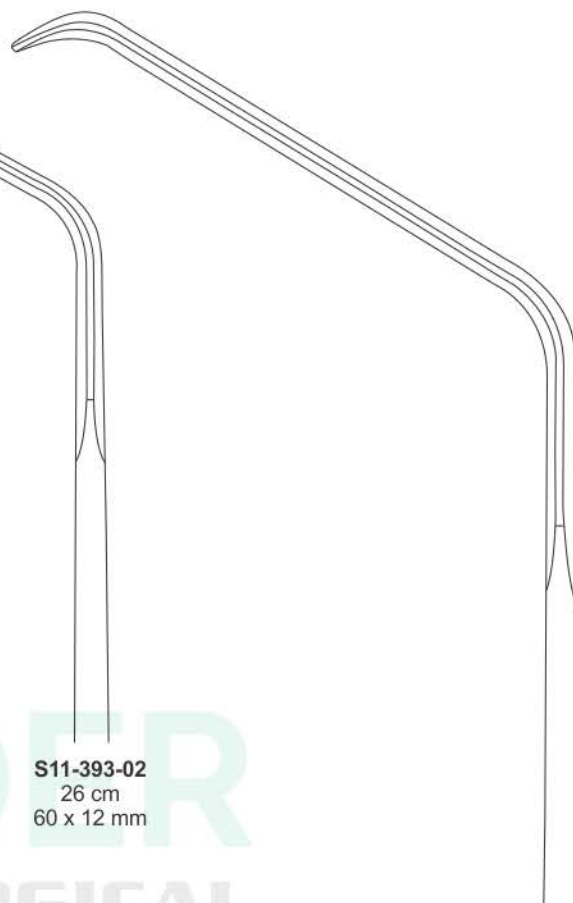


Zenker Retractor

S11-393-01
25 cm
35 x 8 mm



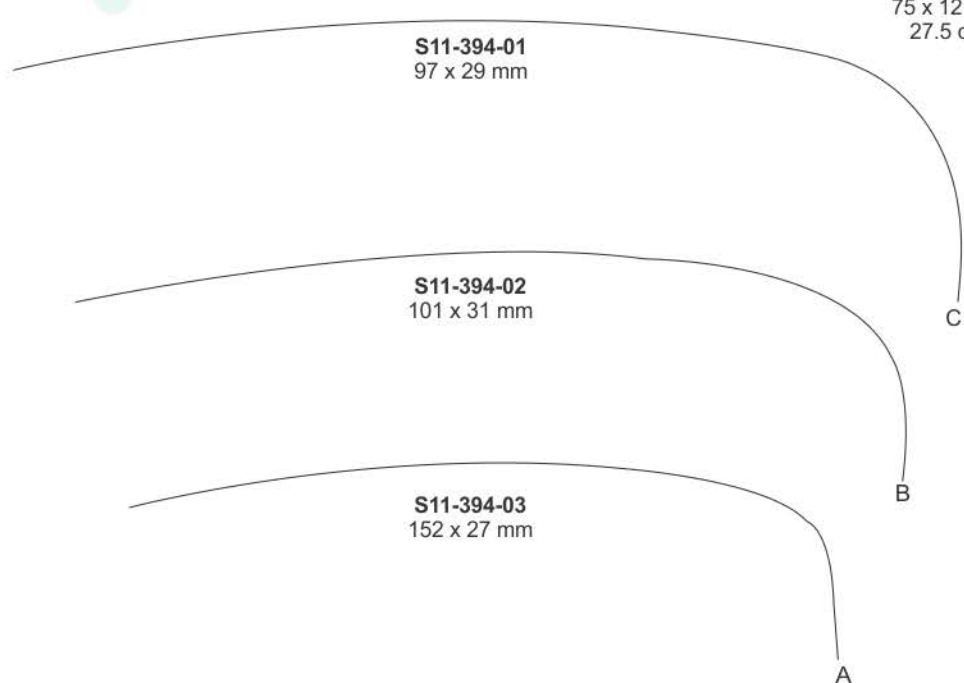
S11-393-02
26 cm
60 x 12 mm



S11-393-03
75 x 12 mm
27.5 cm



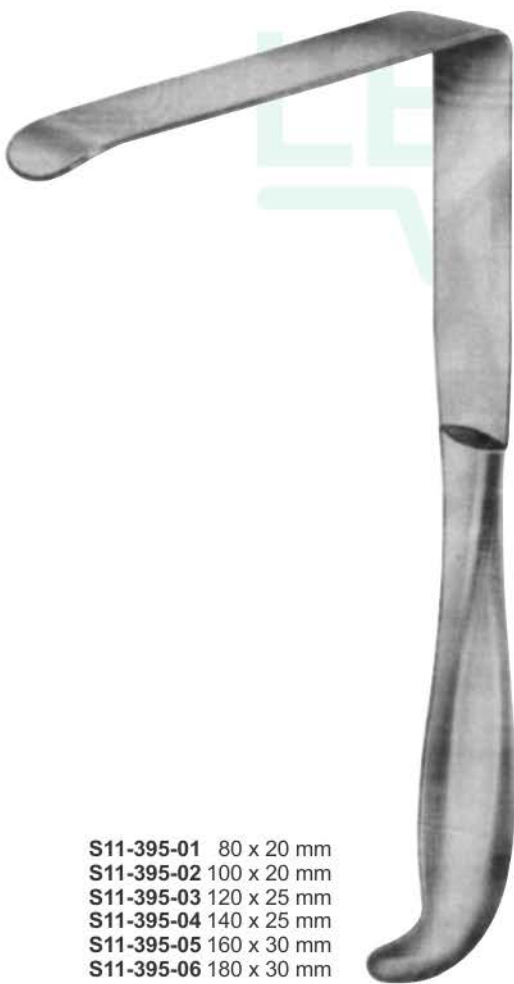
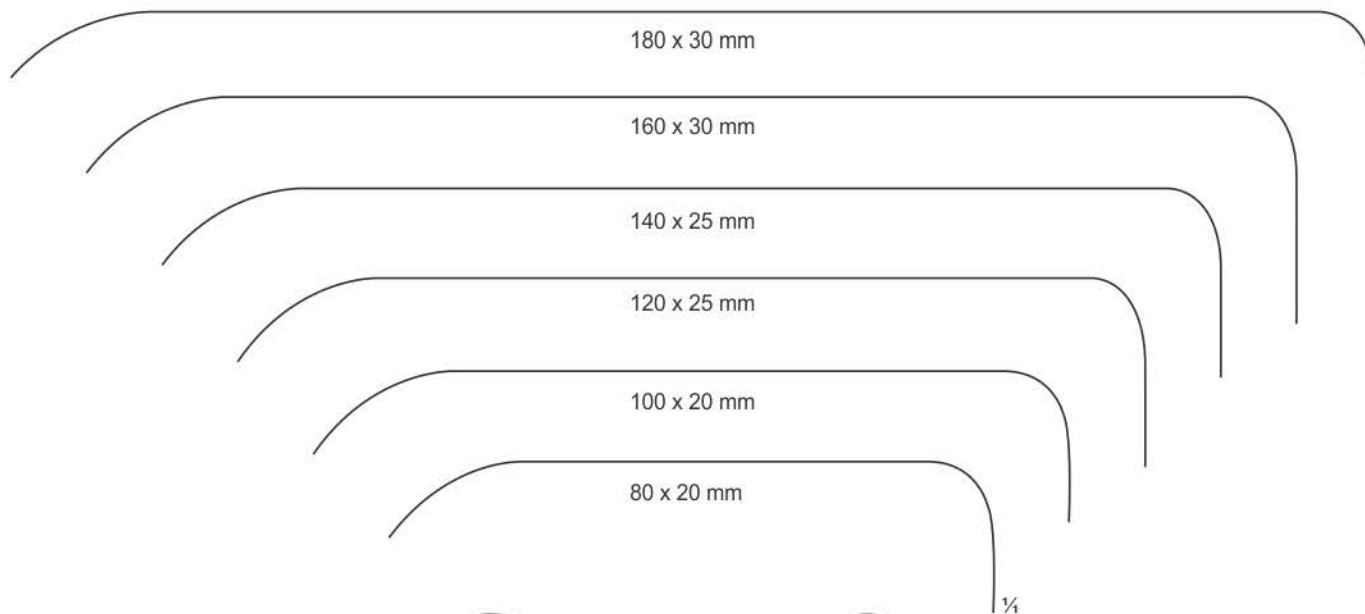
Doyen-Stille Retractor
26 cm



S11-394-01
97 x 29 mm

S11-394-02
101 x 31 mm

S11-394-03
152 x 27 mm



S11-395-01 80 x 20 mm
S11-395-02 100 x 20 mm
S11-395-03 120 x 25 mm
S11-395-04 140 x 25 mm
S11-395-05 160 x 30 mm
S11-395-06 180 x 30 mm

Brunner Retractor
24 cm



S11-396-01 80 x 20 mm
S11-396-02 100 x 20 mm
S11-396-03 120 x 25 mm
S11-396-04 140 x 25 mm
S11-396-05 160 x 30 mm
S11-396-06 180 x 30 mm

Brunner Retractor
24 cm



38 mm



Deaver Retractor
S11-403-30 30 cm

50 mm

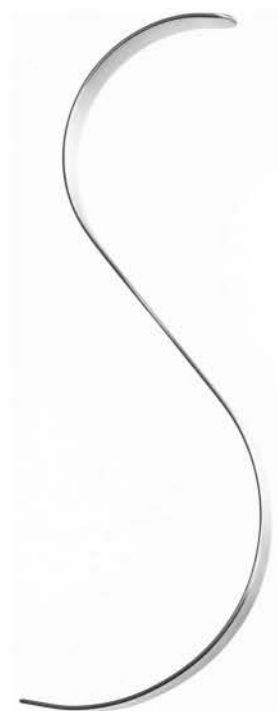


Deaver Retractor
S11-404-30 30 cm

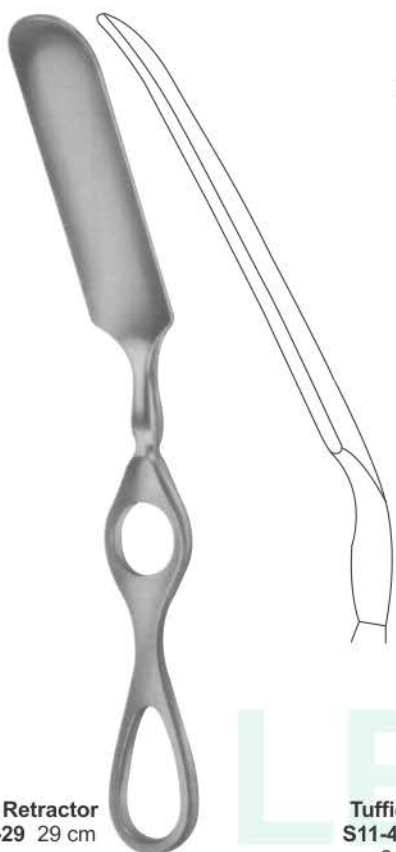
75 mm



Deaver Retractor
S11-405-30 30 cm



S-Shaped Retractor
S11-406-21 21 cm
12 mm



Mikulicz Retractor
S11-411-29 29 cm



Tuffier Retractor
S11-412-23 23 cm
64 x 60mm



Harrington Retractor
32 cm
S11-413-01
127 x 40 mm
S11-413-02
127 x 62 mm



Harrington Extra Deep Retractor
S11-414-30 30 cm
Hollow handle,
5.7 cm
width x 20.5 cm
depth blade

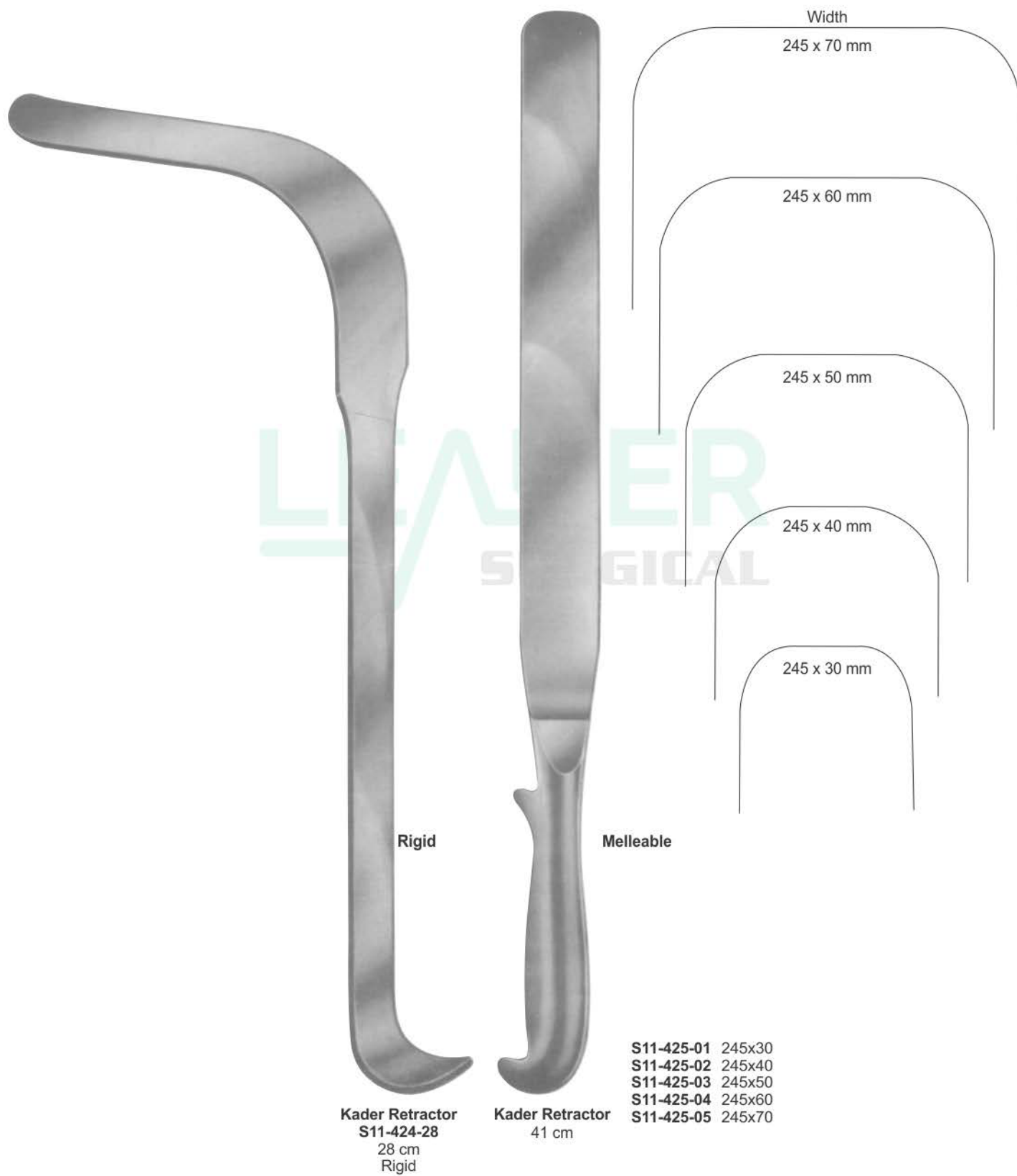


Harrington Splanchnic Retractor
S11-415-31
31.5 cm
Hollow handle,
3.8 cm
width x 12 cm
depth blade



Debaquey-Coolley Retractor
S11-416-31
31cm
Hollow handle,
5.7 cm
width x 18.4 cm
depth blade









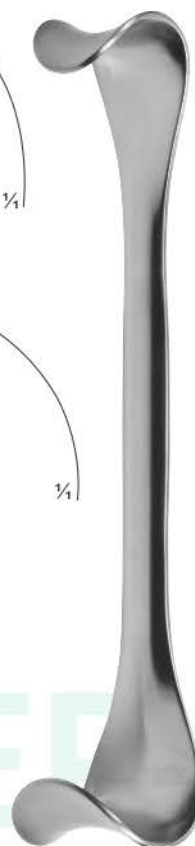
Meyerding Retractor
22.5 cm
75 x 25mm



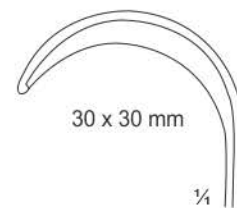
S11-438-01
50 x 16mm



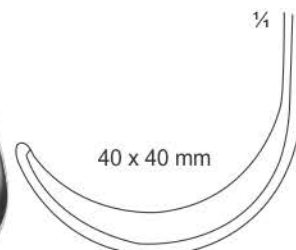
S11-438-02
75 x 15mm



Goelet Retractor
S11-439-19
19 cm
Double Ended



30 x 30 mm



40 x 40 mm



Kaye-Millard Retractor
S11-440-08 8 cm



Richardson/Kelly
Retractor
24 cm



S11-441-01
5 x 31mm



S11-441-02
19 x 51mm



S11-441-03
38 x 51mm



S11-441-04
64 x 76mm



Ross Retractor
25.5 cm



S11-442-01
Fig.01



S11-442-02
Fig.02



S11-442-03
Fig.03



S11-442-04
Fig.04



S11-442-05
Fig.05



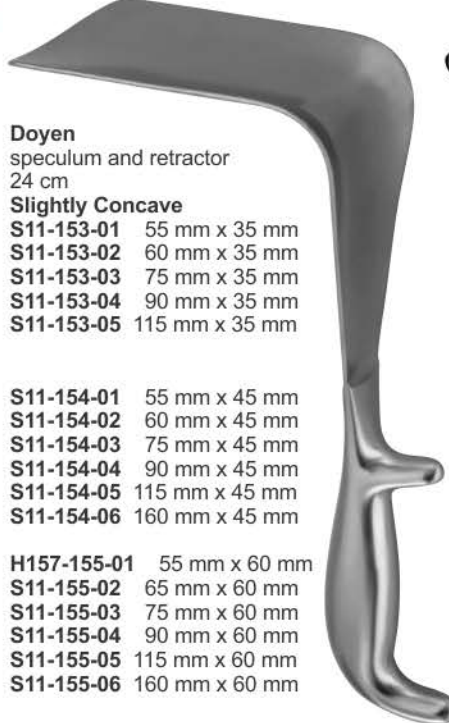
S11-442-06
Fig.06



Weinberg Vagotomy Retractor (Joe's Hoe)
S11-443-20 20 cm
Blade 102 x 165 mm wide



Turner-Doyen Retractors
23.5 cm
S11-444-01
Blade 140 x 60 mm wide
S11-444-02
Blade 76 x 140 mm wide
S11-444-03
Blade 165 x 76 mm wide



Doyen
speculum and retractor
24 cm

Slightly Concave

S11-153-01	55 mm x 35 mm
S11-153-02	60 mm x 35 mm
S11-153-03	75 mm x 35 mm
S11-153-04	90 mm x 35 mm
S11-153-05	115 mm x 35 mm

S11-154-01	55 mm x 45 mm
S11-154-02	60 mm x 45 mm
S11-154-03	75 mm x 45 mm
S11-154-04	90 mm x 45 mm
S11-154-05	115 mm x 45 mm
S11-154-06	160 mm x 45 mm

H157-155-01	55 mm x 60 mm
S11-155-02	65 mm x 60 mm
S11-155-03	75 mm x 60 mm
S11-155-04	90 mm x 60 mm
S11-155-05	115 mm x 60 mm
S11-155-06	160 mm x 60 mm



Doyen
speculum and retractor
24 cm

Medium Concave

S11-156-01	55 mm x 35 mm
S11-156-02	75 mm x 35 mm
S11-156-03	90 mm x 35 mm
S11-156-04	115 mm x 35 mm

S11-157-01	55 mm x 45 mm
S11-157-02	60 mm x 45 mm
S11-157-03	75 mm x 45 mm
S11-157-04	90 mm x 45 mm
S11-157-05	115 mm x 45 mm

S11-158-01	55 mm x 60 mm
S11-158-02	60 mm x 60 mm
S11-158-03	75 mm x 60 mm
S11-158-04	90 mm x 60 mm
S11-158-05	115 mm x 60 mm



Legueu Retractor
S11-448-27 27 cm
35 x 90 mm
Bladder Spatula



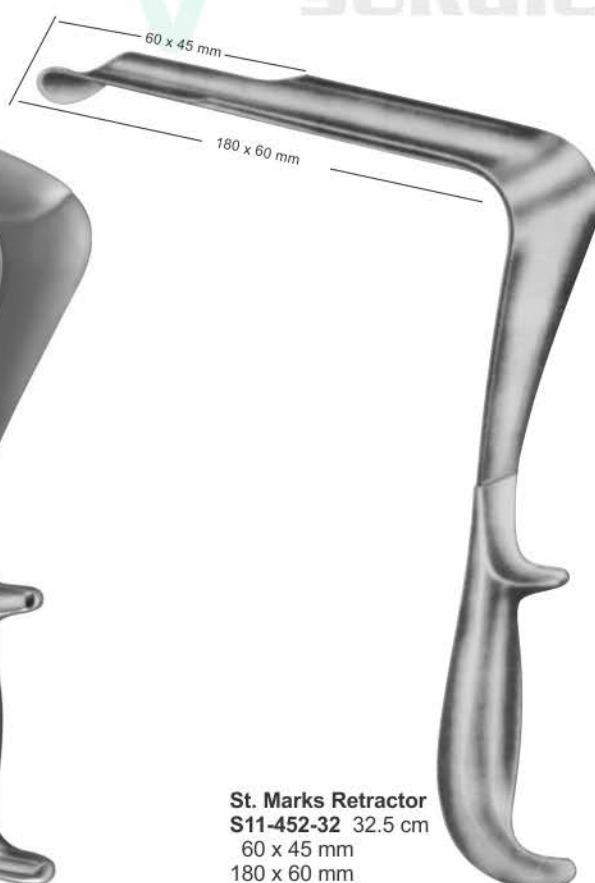
Kocher Retractor
S11-449-26 26 cm
56 x 90 mm



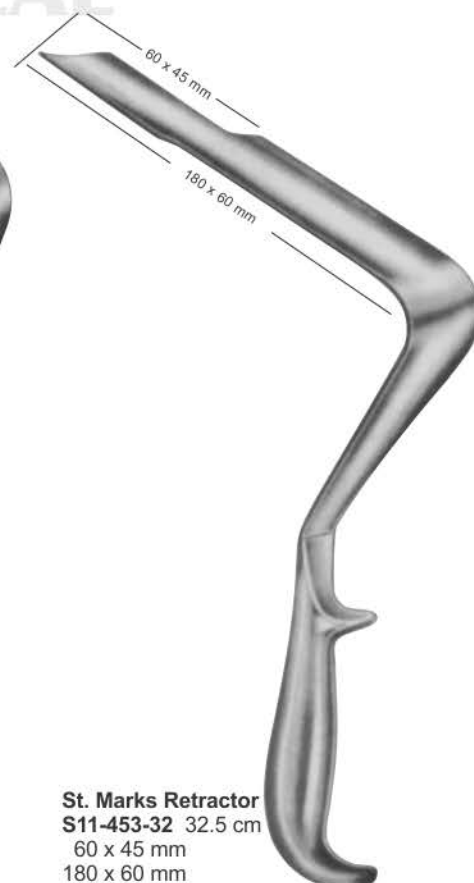
Kocher Retractor
S11-450-26 26 cm
65 x 90 mm



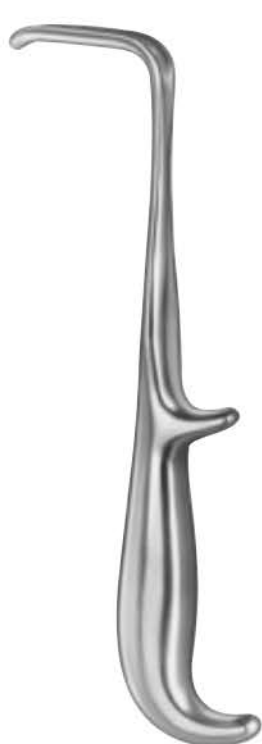
St. Marks Retractor
S11-451-29 29 cm
60 x 45 mm
180 x 60 mm



St. Marks Retractor
S11-452-32 32.5 cm
60 x 45 mm
180 x 60 mm



St. Marks Retractor
S11-453-32 32.5 cm
60 x 45 mm
180 x 60 mm



Young Retractor
S11-454-22 22 cm
11x50mm
Prostatic Retractors



Young Retractor
S11-455-22 22 cm
38x64mm



Young Retractor
S11-456-32 22 cm
25x25mm



Young Retractor
S11-457-22 22 cm
39x35mm



Cooley Retractor
S11-461-25
25 cm
Right



Cooley Retractor
S11-462-27
27 cm
Left



Cooley Retractor
S11-463-25
25 cm
Right - Serrated


Sawyer Retractors
S11-466-01

Small Blade 70mmx19mm wide, 23cm

S11-466-02

Medium Blade 82mmx29mm wide, 25cm

S11-466-03

Large Blade 22mmx64mm, 28cm

S11-466-04

Large Blade 38mmx89mm, 28cm


Ferguson-Moon Rectal Retractors
S11-467-01

 Blade 60mmx24mm wide
23 cm

S11-467-02

 Blade 75 mm x 35 mm wide
25 cm

Hill Ferguson Rectal Retractors
S11-468-01

 Blade 64 mm x 24 mm wide
23 cm

S11-468-02

 Blade 76 mm x 32 mm wide
23 cm

S11-468-03

 Blade 76 mm x 35 mm wide
25 cm

Mayo Abdominal Retractor
S11-469-25 25 cm
69 x 254 mm

C.W. Mayo Abdominal Retractor
S11-470-70 25.5 cm
Blade 70 mm wide.
S11-470-79 24.5 cm
Blade 79 mm wide.

Brewster Retractor

24 cm

S11-471-01 Fig.1, 19 x 38 mm
S11-471-02 Fig.2, 45 x 25 mm
S11-471-03 Fig.3, 50 x 45 mm
S11-471-04 Fig.4, 57 x 45 mm
S11-471-05 Fig.5, 64 x 45 mm


Fig. 1



Fig. 2



Fig. 3



Fig. 4



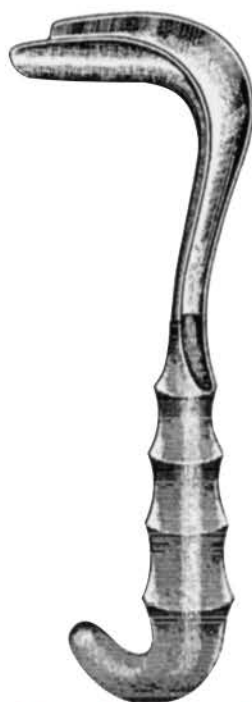
Kelly Retractor

S11-472-01 23 cm 38 x 50 mm

S11-472-02 24 cm 50 x 64 mm

S11-472-03 25 cm 64 x 76 mm

S11-472-04 26 cm 69 x 82 mm



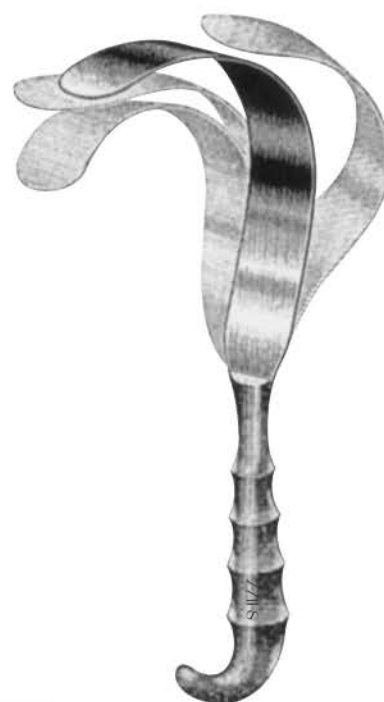
Sims-Kelly Retractor

24 cm

S11-473-01 57 x 25 mm

S11-473-02 69 x 45 mm

S11-473-03 76 x 38 mm



Zaikind Lung Retractor

25 cm

S11-474-01 Malleable 50 x 305 mm

S11-474-02 Malleable 76 x 305 mm



De Lee Corner Retractors

S11-475-01 23.5 cm

Right Blade 70 x 51 mm wide

S11-475-02 23.5 cm

Left Blade 70 x 51 mm wide



De Lee Universal Retractors

S11-476-23 23.5 cm

Blade 70 mm x 51 mm wide



Tauber Vaginal Spatula

S11-477-23 23.5 cm

Blade 89 x 35 mm wide



S11-478-01
25 cm
35 x 8 mm



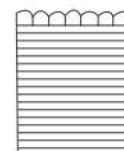
S11-478-02
26.5 cm
60 x 12 mm

S11-478-03
27.5 cm
75 x 12 mm

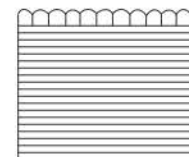
S11-478-04
28.5 cm
85 x 20 mm

S11-478-05
30.5 cm
100 x 25 mm

Zenker Retractor



S11-479-01
15 X 15 mm



S11-479-02
15 X 23 mm

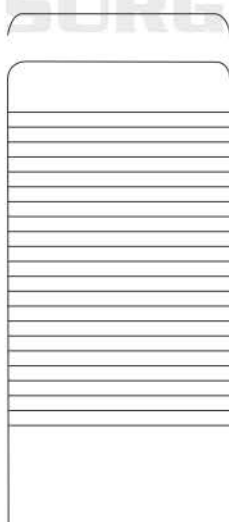
Crawford Retractor
19 cm



Kader Retractor
27.5 cm



S11-480-01
20 mm



S11-480-02
30 mm



S11-480-03
40 mm

Retraktoren, Augenspekulums
Écarteurs, spéculums oculaires

Retractores, Espéculos Oculares
Divaricatori, speculum oculari



Spring Retractors
1x1 prong, sharp
S11-501-01 8.5cm
S11-501-02 11.5cm



Spring Retractors
3x3 prong
S11-502-01 8.5cm
S11-502-02 11.5cm



Farr Wire Retractor
S11-503-14 14 cm
prongs 1.9 cm



Wire Retaining Retractor
8.5cm
S11-504-01 3 x 3 Prong
S11-504-02 1 x 1 Prong Sharp



Spring Retractors
1x1 prong, sharp
with ratchet
S11-505-10 10.5cm



Heiss Retractor
S11-506-10 10 cm
Sharp 4x4 prongs
S11-507-10 10 cm
Blunt 4x4 prongs



Finsen Retractor
S11-508-07 7 cm
3 x 4 teeth, sharp
S11-509-07 7 cm
3 x 4 teeth, Blunt



Finsen Retractors
5cm, 2x3 prongs
S11-510-05 sharp
S11-511-05 blunt



Finsen Retractors
7cm, 3x4 prongs
S11-512-07 sharp
S11-513-07 blunt



Stevenson Retractor
S11-514-07
3x3 sharp prongs,
7.5cm



Agricola Retractor
S11-515-04
3x3 sharp prongs,
4cm



Logan (Goldstein)
S11-516-03
Retractor 3x3 sharp prongs,
15mm spread,
3.5cm



Lancaster Eye Speculum
S11-517-08
8.3 cm blades 15 X 5 mm



Buckley Retractor
S11-518-06 6 cm

Self-Retaining Retractors



Castroviejo Eye Speculum
S11-519-09
9.5 cm medium blades
15 X 5 mm O.D.



ALM Retractor
S11-520-07 7 cm
4 x 4 teeth sharp prongs
S11-521-07 7 cm
4 x 4 teeth Blunt prongs



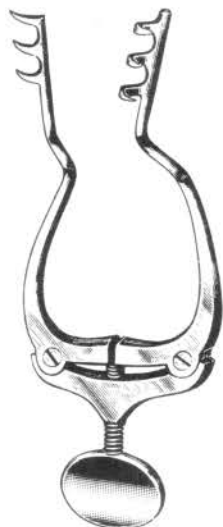
ALM Retractor
S11-522-10 10 cm
4 x 4 teeth sharp prongs
S11-523-10 10 cm
4 x 4 teeth Blunt prongs



Jansen Retractor
S11-524-10 10 cm
Sharp 3x3
S11-525-10 10 cm
Blunt 3x3



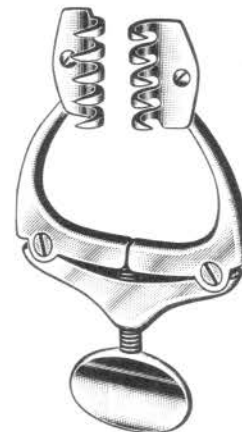
Jansen Scalp Retractor
S11-526-11
4x4 blunt prongs,
65mm spread,
11cm



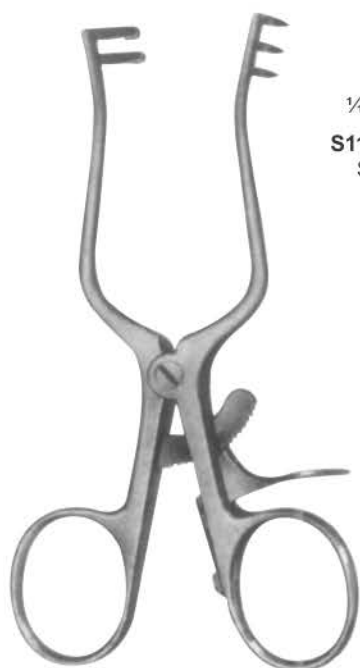
Gifford-Jansen Mastoid
S11-527-10
Retractor, bayonet-shaped
branches, 3x3 sharp prongs,
50mm spread,
10cm



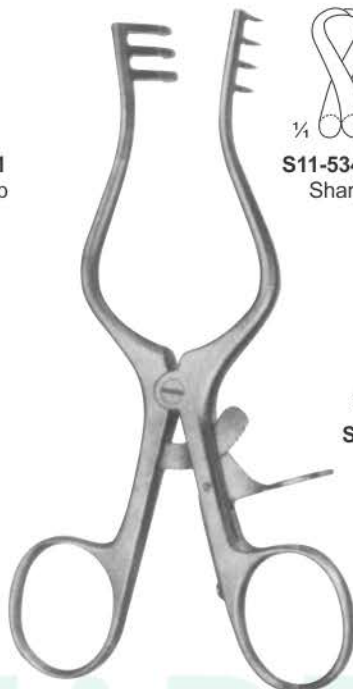
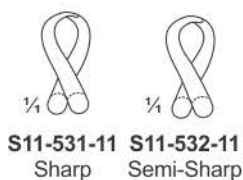
Allport Retractor,
S11-528-10
4x4 semi-sharp prongs,
18mm wide x5mm deep,
40mm spread,
total length 10cm



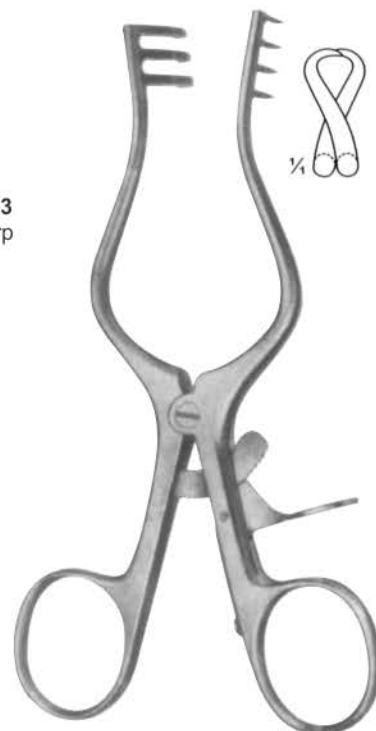
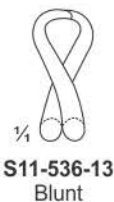
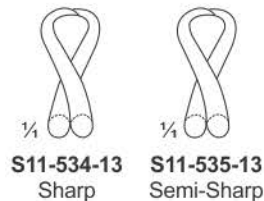
Wagner-Jansen Retractor,
S11-529-10
swivel blades with 5x5 sharp
prongs, opens to 60mm
10cm



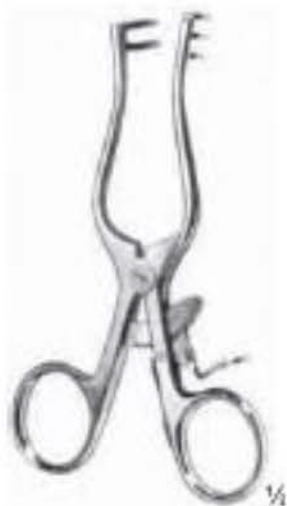
Weitlaner Retractor
11cm



Weitlaner Retractor
13cm



Weitlaner Retractor
S11-537-16 16.5 cm
Sharp



Weitlaner-Loktite
10.5 cm
S11-539-10 Sharp
S11-540-10 Blunt



Weitlaner-Wullstein
Retractors
13cm
S11-541-13
3x3 sharp prongs, 12mm deep
S11-542-13
3x3 Blunt prongs, 12mm deep



Wullstein Retractor
S11-543-13 **S11-544-13** 13 cm
S11-543-16 **S11-544-16** 16 cm
Sharp Blunt



Mollison Retractor
S11-545-15 15 cm
sharp



Weitlaner Retractors
 20cm
 3x4 prongs
S11-547-20 Sharp
S11-548-20 Blunt



Weitlaner Retractors
 24cm
 3x4 prongs
S11-549-24 Sharp
S11-550-24 Blunt



Weitlaner Retractors
 24cm
 5x6 prongs
S11-551-24 Sharp
S11-552-24 Blunt



Milligan Retractor
S11-554-13 13 cm
 18.5 mm x 20 mm
 Blunt, 3x3



Schuhknecht Retractor
S11-559-14 Sharp
S11-560-14 Blunt
 3x3 prongs
 14 cm



Bellucci
S11-561-13
 13cm
 3x3 sharp prongs, 20mm deep



Anderson-Adson Retractor
S11-563-19 19 cm
 Sharp



Adson Retractor
S11-565-19 19 cm sharp
 4 X 4 teeth straight Arms



Adson Retractor
3x4 prongs
26.5cm
S11-571-26 sharp
S11-572-26 blunt



Adson Retractor
5x6 prongs
26.5cm
S11-573-26 sharp
S11-574-26 blunt



Adson Hemilaminectomy Retractor
6x6 sharp prongs
26.5cm
S11-575-26



Adson Hemilaminectomy Retractor



6x6 sharp prongs
26.5cm
S11-577-26 left 14mm deep
right 32mm deep
S11-578-26 left 32mm deep
right 14mm deep



Travers Retractor
S11-580-21
21 cm, Blunt



Miskimon Retractor
S11-581-22 22 cm
33 mm x 38 mm
Sharp, 7x7



Norfolk & Norwich Retractor
S11-582-22 22 cm
Blunt



Walton Retractor
S11-583-18 Sharp
S11-584-18 Blunt
18 cm



Kolbel Soft Tissue Retractor
S11-585-18 18 cm
 Angled, 2 x 2 Pronged



Meyerding Retractor
 16.5cm
S11-586-01 24 cm Large Blade
 9 cm X 5 cm
S11-586-02 24 cm Small Blade
 5 cm X 1.5 cm



D'Errico-Adson Retractor
S11-587-19 19 cm
 4 X 4-pronged
 2 cm depth blade
 Sharp



Markham/Meyerding Retractor
S11-589-18 18 cm
 Blade 55 x 25 mm Left



Markham/Meyerding Retractor
S11-590-18 18 cm,
 Blade 55 x 25 mm Right



Darling Laminectomy Retractors
 18cm
S11-591-01
 40 x 76/25 x 54 mm
S11-591-02
 25 x 64/40 x 76 mm
 1 blade toothed



Scalp-Contour Retractor
S11-593-14 Sharp
S11-594-14 Blunt
 14 cm



Bellucci
S11-597-11 11cm
 left arm with 2 blunt prongs
 right arm with blade, 15mm deep



Bellucci
S11-598-11 11cm
 right arm with 2 blunt prongs
 left arm with blade, 15mm deep



Plester Retractor
 13 cm
S11-599-13
 2 x 2 teeth sharp prongs
S11-600-13
 2 x 2 teeth blunt prongs



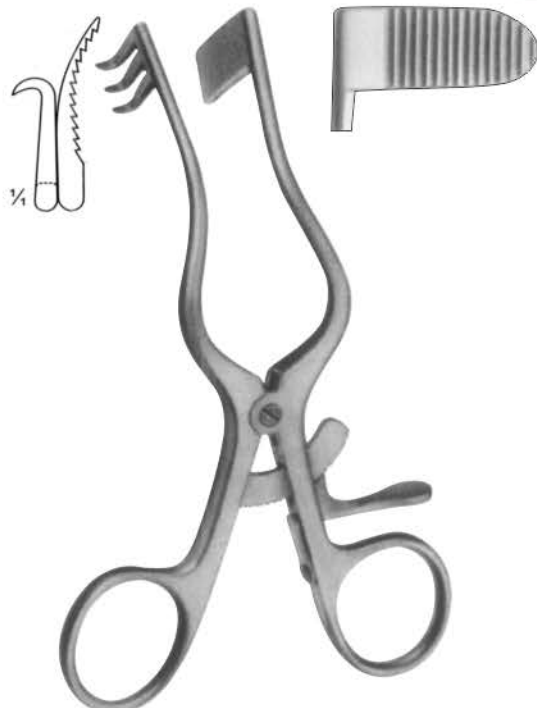
Plester Retractor



S11-601-11
 11 cm
 Fig. 1 Blunt
 left solid blade



S11-602-11
 11 cm
 Fig. 2 Blunt
 right solid blade



Perkins Retractor
 13 cm
S11-603-13 solid blade left
S11-604-13 solid blade right



Righby Retractor
S11-605-01 35 x 20 mm
S11-605-02 60 x 20 mm
S11-605-03 65 x 15 mm
 18 cm



Tuebinger Modell Retractor
S11-606-16 16 cm



Beckman-Weitlaner Retractor
S11-607-16 16.5 cm
3 x 4 Sharp prongs



Beckman-Weitlaner Retractor
S11-608-16 16.5cm
3 x 4 Blunt prongs



Cone Retractor

S11-609-01 13 cm
3x4 Blunt prongs
13 mm x 14.5 mm
S11-609-02 16.5 cm
17 mm x 19 mm
3x4 Sharp prongs,
S11-609-03 16.5 cm
17 mm x 19 mm
3x4 Blunt prongs,
S11-609-04 20 cm
21 mm x 21 mm
3x4 Blunt prongs,



Beckman Retractor
S11-611-31 31.5 cm
Spread 3.5cm 4 x 4
Sharp prongs, Arm length
8.5cm



Beckman Retractor
S11-612-31 31 cm
4 x 4 Sharp prongs 27mm
Side Blade 1.7cm deep



Beckman Retractor
S11-613-31 31 cm
4 x 4 Blunt prongs 27mm
Side Blade 1.7cm deep



Horizontal Retractor
S11-615-33 33 cm



Adson-Baby Retractor
S11-618-14 14 cm
Blunt





Adson Retractor
S11-621-32 32 cm
semi-sharp
4 x 5 teeth
26 mm



Adson Retractor
S11-622-33 33 cm
4 x 5 Blunt prongs 42mm



Beckman-Adson Retractor
S11-624-33 33cm
4 x 4 Blunt & sharp prongs,
3.2cm deep



Beckmann-Adson Retractor
S11-623-31
31 cm
Semi-Sharp



Beckman-Eaton Retractor
S11-625-31 31 cm
7 x 7 Sharp
prongs 40 x 48mm



Knighthon Retractor
S11-627-18 Sharp
S11-628-18 Blunt
18 cm



Richter Retractor
S11-629-16
16.5 cm



Joll (Friedman)
S11-630-15 15.5 cm
Thyroid- and Vaginal Retractor


Gelphi Retractor

Sharp

S11-641-01 14 cm, 10 mm

S11-641-02 16 cm, 10 mm

S11-641-03 19 cm, 10 mm

Gelphi Retractor

Sharp, Cross Over

S11-642-01 14 cm, 10 mm

S11-642-02 16 cm, 10 mm

S11-642-03 19 cm, 10 mm

Gelphi Skin & Vaginal Retractor
S11-643-17 17.5 cm

De Bakey Femur Retractor
S11-644-12 12 cm

S11-644-17 17 cm

Gelphi-Perineal Retractor
S11-645-17 17.5 cm

 ball stops on sharp tenaculum prongs,
 arm length 12 cm

Seletz-Gelphi Retractor
S11-646-17 17.5cm

 modified with long
 curve in shanks

Jackson Burrows Retractor
S11-647-18 18.5 cm

Blunt


Wiltse-Gelphi Retractor
S11-648-27 27.5 cm



**Multipurpose Retractor Complete
S11-670-00**

3 pair of Side Blades 2.9cm, 5.5cm, 8cm deep x 2.2cm wide.
 3 Center blades 2.2cm, 2.8cm, 3.2cm deep x 1.6cm wide, frame

LEADER
 SURGICAL



**Improved Henly Retractor With Straight Arms
S11-672-00**

18cm, 3 pair of Side Blades 2.5cm, 5cm and 7.6cm deep x 2.2cm wide.
 3 Center Blades 2.2cm, 2.8cm, 3.2cm deep x 1.6cm wide, frame



Improved Henly Retractor With Arms Spread Outward
S11-674-00

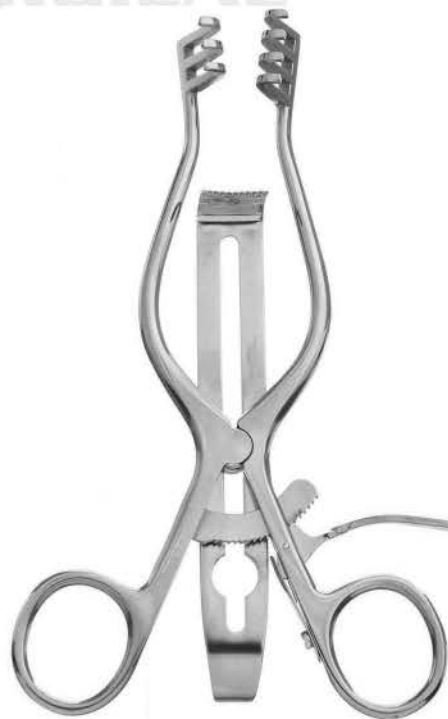
18cm, 3 pair of Side Blades 2.5cm, 5cm and 7.6cm deep x 2.2cm wide. 3
 Center Blades 2.2cm, 2.8cm, 3.2cm deep x 1.6cm wide, frame



Henly Popliteal Retractor

S11-676-16 16cm Blunt

4 X 3-pronged, Supplied w/3 center blades:
 1.5cm width x 1.8cm 1.5cm x 2.5cm
 1.5cm x 3.1cm depth blade



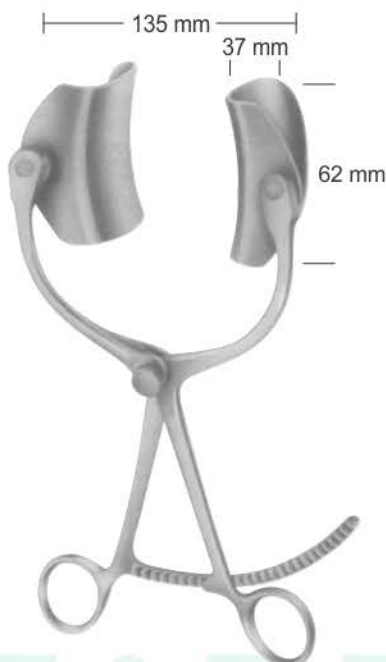
Henly Retractor

S11-678-16 16cm Blunt

With 3 detachable center blades:
 16mm wide x 20mm / 26mm / 32mm



Baby-Collin Retractor
S11-680-00
 with 2 pair of blades



Collin Retractor
S11-682-00
 complete

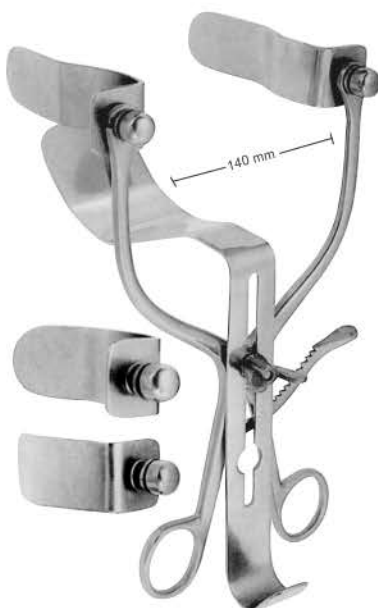


Collin Retractor
S11-684-00
 Spreader Only

Lateral blade	S11-684-01 37x62mm	S11-684-02 37x80mm	S11-684-03 37x98mm
Center blade	S11-685-01 54x55mm	S11-685-02 54x67mm	S11-685-03 52x76mm



Legueu Retractor
S11-686-17 17 cm



Collin Retractor
S11-688-00 Complete
S11-688-01 Spreader only
S11-688-02 Blades 55 x 25 mm
S11-688-03 Blades 80 x 25 mm
S11-688-04 Center Blade
S11-688-05 115 x 45 mm



Center Blade
S11-694-01 45 x 80 mm
S11-694-02 70 x 85 mm



S11-696-01
 Center Blade
 100 x 60 mm

Sizes of These
 Blades to Same
 as about Blades.

Wundhaken	Ecarteurs
Separadores	Divaricatori


Ricard Retractor
S11-698-00 Complete

S11-698-01 Spreader only

	S11-698-01	S11-698-02
Lateral blade	58x80mm	54x70mm
Center blade	S11-698-01 72x84mm	S11-698-02 72x90mm


Holzbach Retractor
S11-700-00 Complete

S11-700-01 Spreader only

S11-700-02 Lateral blade 59x80mm

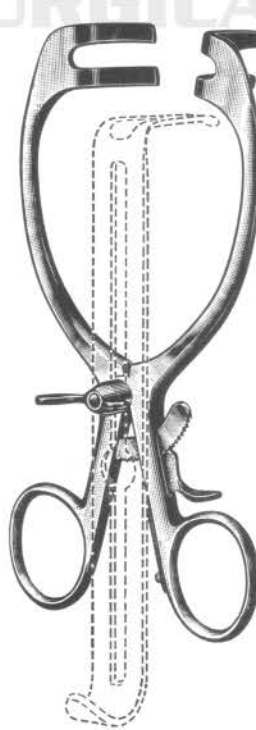
S11-700-03 Center blade 74x82mm

Doyen Retractor

S11-702-01	48 mm x 90 mm
S11-702-02	48 mm x 105 mm
S11-702-03	48 mm x 120 mm
S11-702-04	48 mm x 135 mm


Rochard Retractor

S11-704-01	48 mm x 90 mm
S11-704-02	48 mm x 105 mm
S11-704-03	48 mm x 120 mm
S11-704-04	48 mm x 135 mm
S11-704-05	48 mm x 155 mm


Mayo-Adams Retractor
S11-706-17 17 cm
 2 x 2 teeth blunt

Houzel Retractor
S11-708-29 29 cm


S11-710-03

S11-710-02
Millin

- S11-710-00** Complete
- S11-710-01** Spreader only
- S11-710-02** Blades 55x25mm
- S11-710-03** Blades 80x25mm
- S11-710-04** Center Blade 115x45mm

S11-710-04

Cloward Modif Retractor
S11-718-00 25cm
 Spreader Only

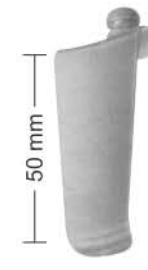
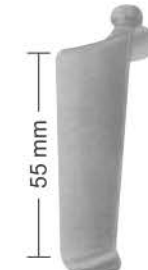
S11-718-01

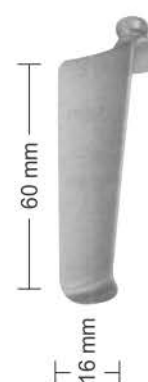
S11-718-02

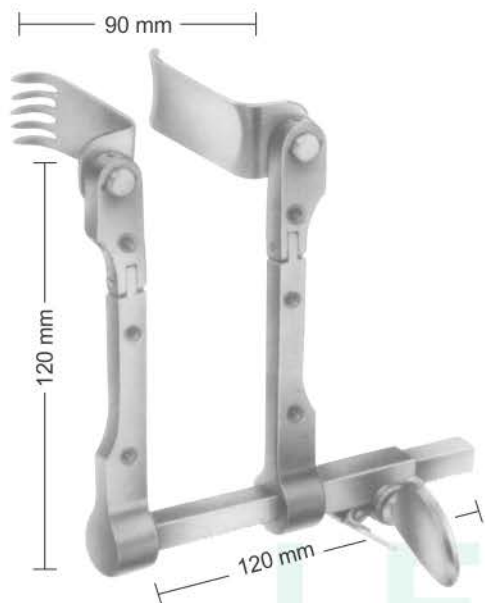
S11-718-06

S11-718-07

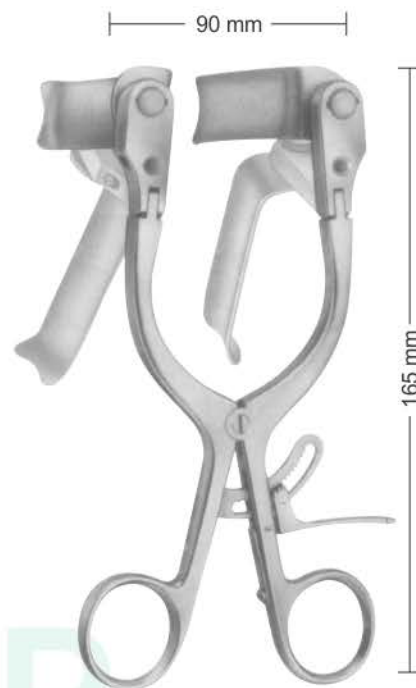
S11-718-03

S11-718-04

S11-718-08

S11-718-09

S11-718-05

S11-718-10



**Caspar Retractor
S11-730-00**
 Retractor, adjustable,
 consisting of: 5 medial
 blades, 5 Lateral blades.



**Caspar Retractor
S11-731-00**
 Counter retractor, adjustable,
 consisting of: 5 medial blades,
 5 lateral blades.



S11-732-40 40 x 23 mm
S11-732-45 45 x 23 mm
S11-732-50 50 x 23 mm
S11-732-55 55 x 23 mm
S11-732-60 60 x 23 mm
 Medial blades



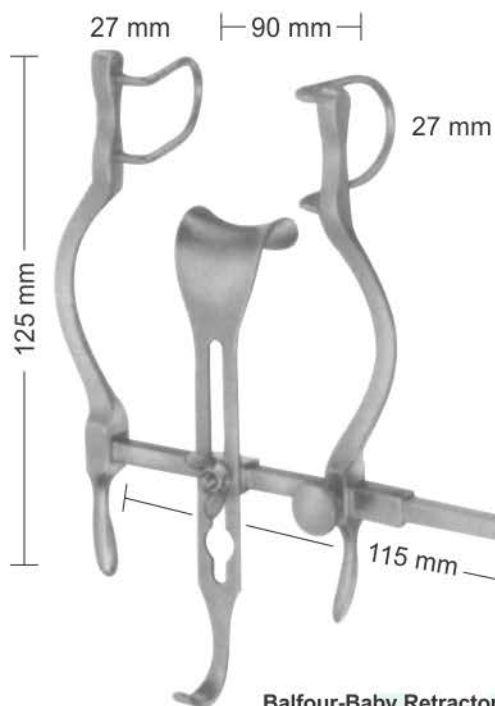
S11-733-40 40 x 23 mm
S11-733-45 45 x 23 mm
S11-733-50 50 x 23 mm
S11-733-55 55 x 23 mm
S11-733-60 60 x 23 mm
 Lateral blades



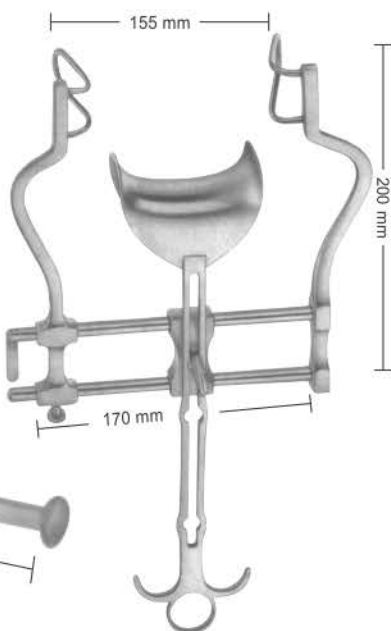
S11-734-40 40 x 23 mm
S11-734-45 45 x 23 mm
S11-734-50 50 x 23 mm
S11-734-55 55 x 23 mm
S11-734-60 60 x 23 mm
 Blunt blades



S11-735-50 50 x 25 mm
S11-735-55 55 x 25 mm
 Blunt blades,
 for harvesting of the
 fusion graft from the
 iliac crest



Balfour-Baby Retractor
S11-746-00
 Lateral Blades 27 mm deep
 Center blade 21 x 24 mm



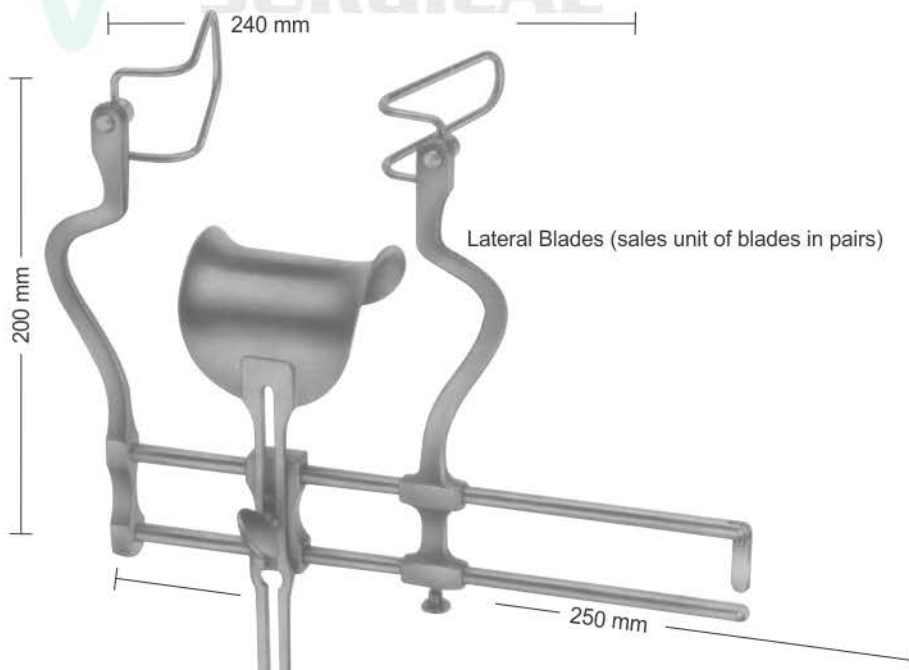
Balfour Retractor
S11-748-00
 Lateral blades 60 mm deep
 Center blade 47 x 80 mm



Balfour
S11-750-00
 Abdominal Retractor spreading 180mm,
 lateral blades 70 x 35mm, 1 central blade
 20 cm



S11-754-01
 Center blade only
 54 x 80 mm



Balfour Retractor
S11-754-00
 Spreader only

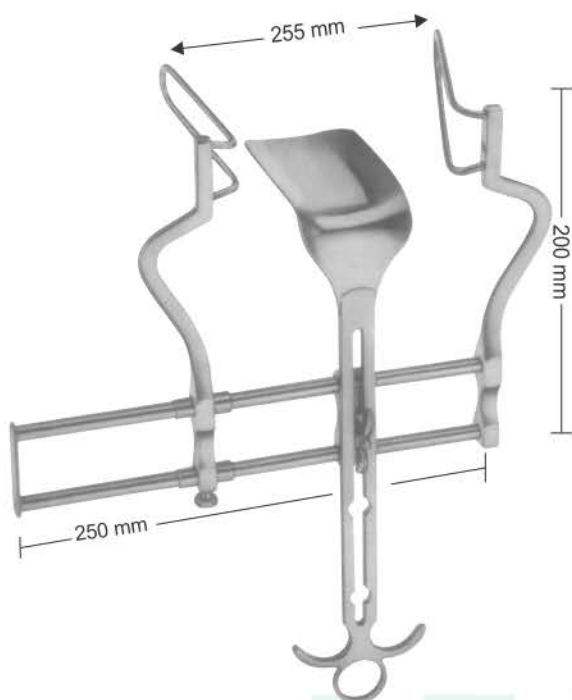
Lateral Blades (sales unit of blades in pairs)

S11-754-02
 50 mm
 47 x 80 mm

S11-754-03
 60 mm
 62 x 76 mm

S11-754-04
 75 mm
 80 x 80 mm

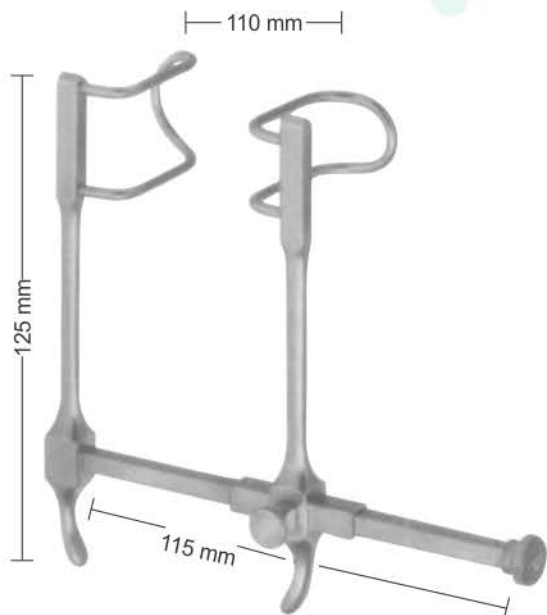
S11-754-05
 90 mm
 80 x 80 mm



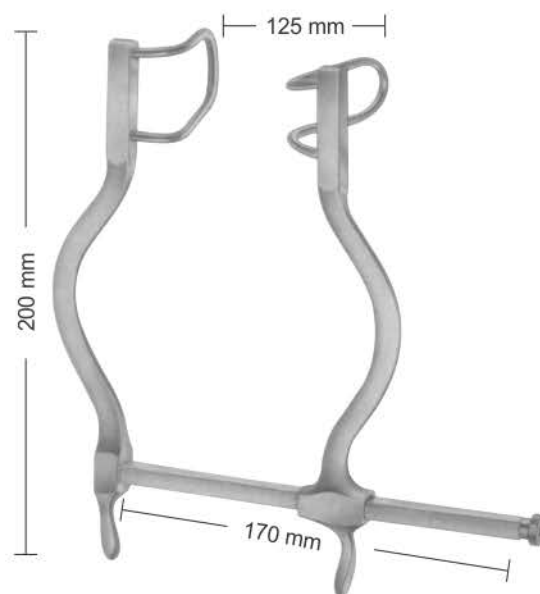
Balfour Retractor
S11-752-00
Lateral blades 105 mm deep
Center blade 107 x 59 mm



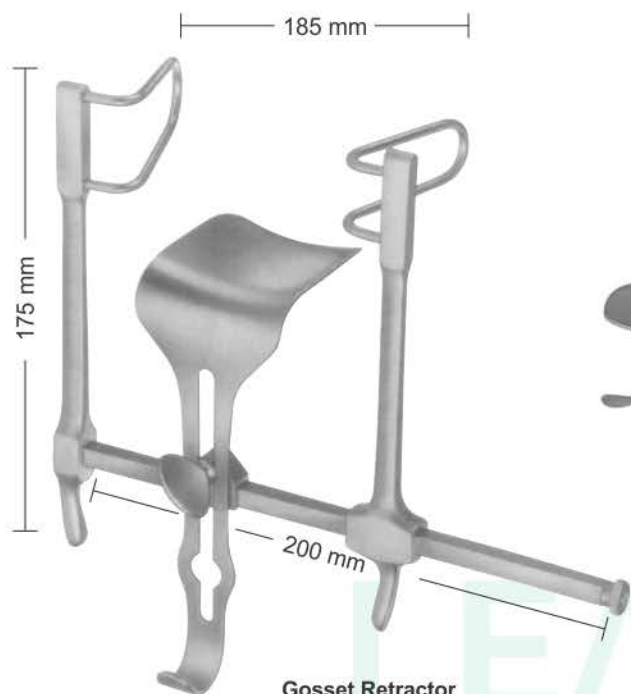
Gosset Retractor
S11-758-00
Center Blades 40 x 30 mm



Gosset Retractor
S11-760-00
Blades: 38 mm deep



Gosset Retractor
S11-762-00
Blades: 55 mm deep



Gosset Retractor
S11-764-00
Lateral Blades 58 mm deep
Center blade 59 x 57 mm



O'Sullivan - O'Connor
Vaginal Retractor
S11-770-00 Set of 3 Complete



S11-770-01
45 x 17 mm



S11-770-02
90 x 37 mm



S11-770-03
90 x 45 mm



O'Sullivan/O'Connor Retractor
S11-772-00 (Set includes frame & 3 blades)
S11-772-01 Frame Only (not pictured)

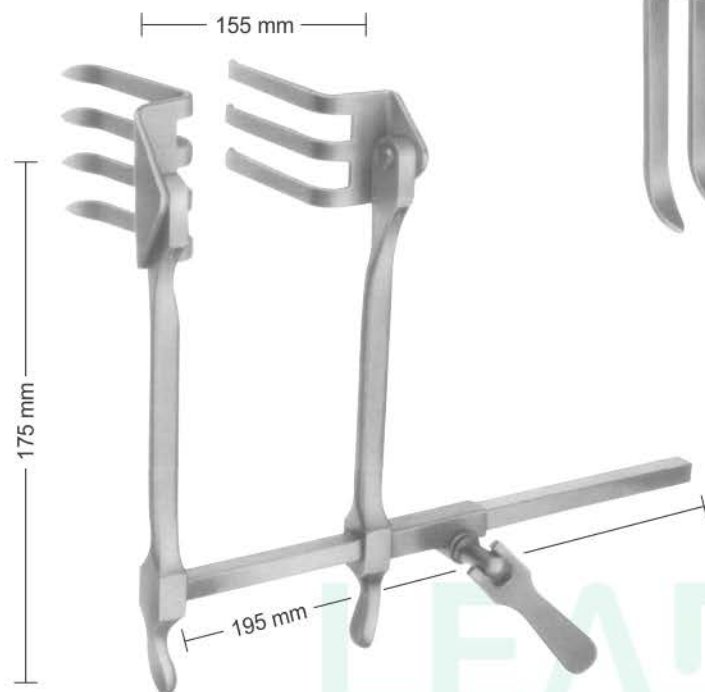


S11-772-02
Single Retractor Blade
110 x 70 mm



S11-772-03
Set of 2 Retractor Blade
80 x 45 mm



Wundhaken
Ecarteurs
Separadores
Divaricatori


Scoville-Richter Retractor
S11-776-00 Complete with 1 pair blades.
S11-776-01 Frame only.
 The Retractor bar and shanks may be easily rotates 180 when blades are in situ.



S11-776-02
 62 x 52 mm



S11-776-03
 62 x 37 mm



S11-776-04
 47 x 51 mm



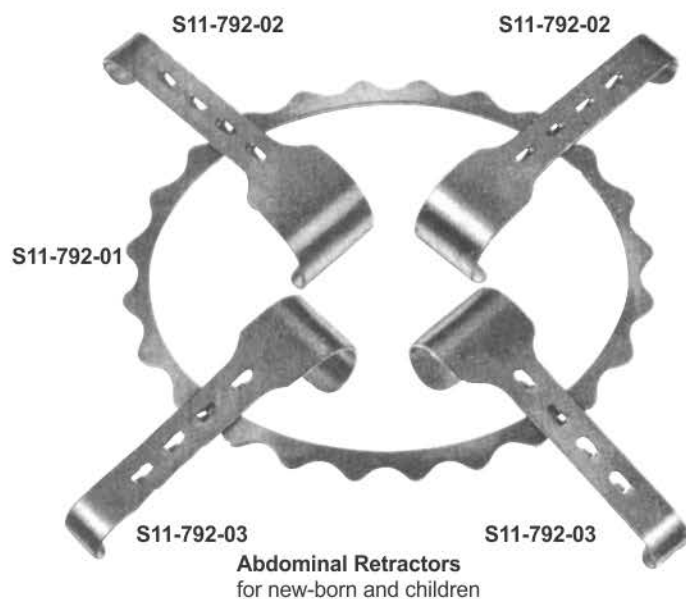
S11-776-05
 30 x 40 mm



S11-776-06
 37 x 62 mm



Initial Incision Retractor
S11-788-30 30cm
 Complete


Denis-Browne Retractor

S11-792-00 Complete with 4 blades

S11-792-01 Frame 190 x 160 mm

S11-792-02 2 blades only 40 x 30 mm

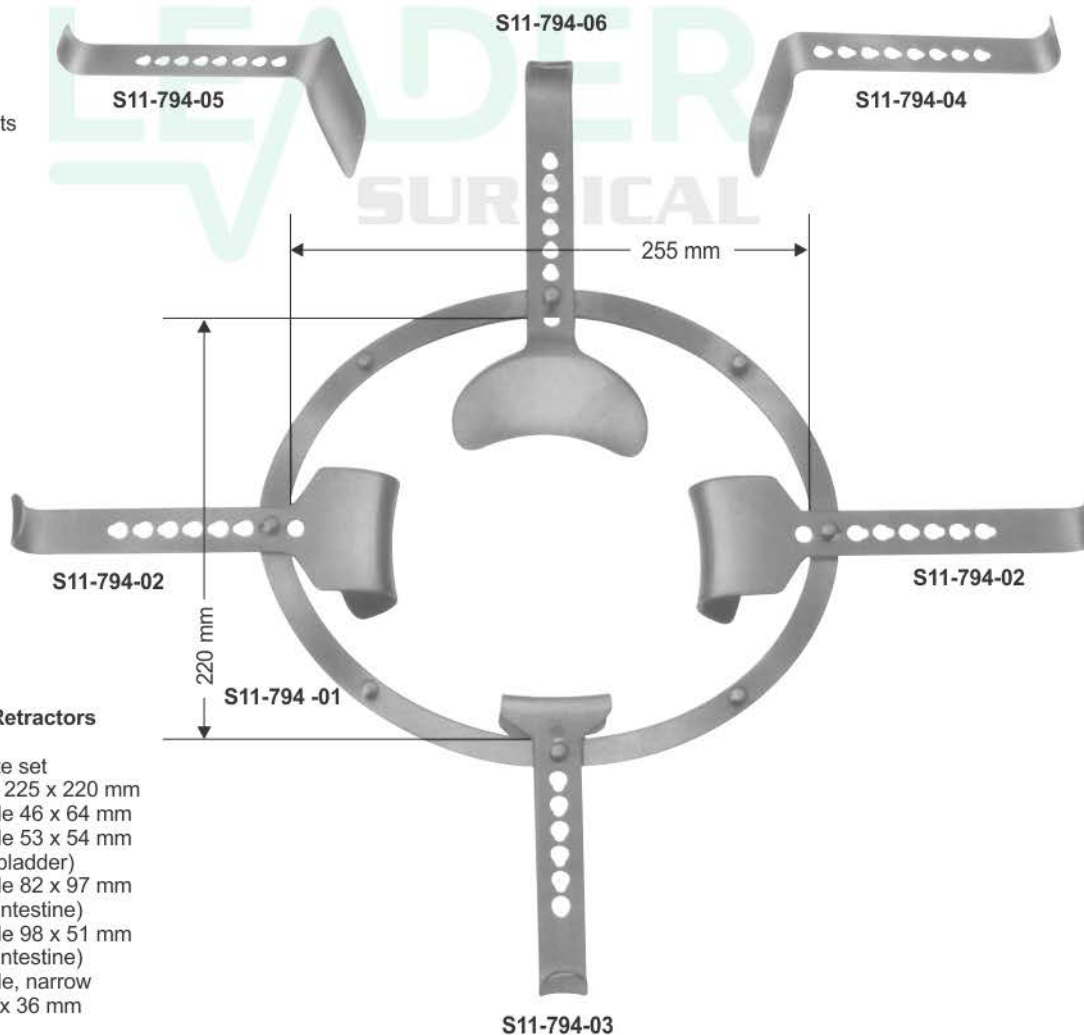
S11-792-03 2 blades only 40 x 40 mm

S11-792-04
Blades only 20 x 30 mm

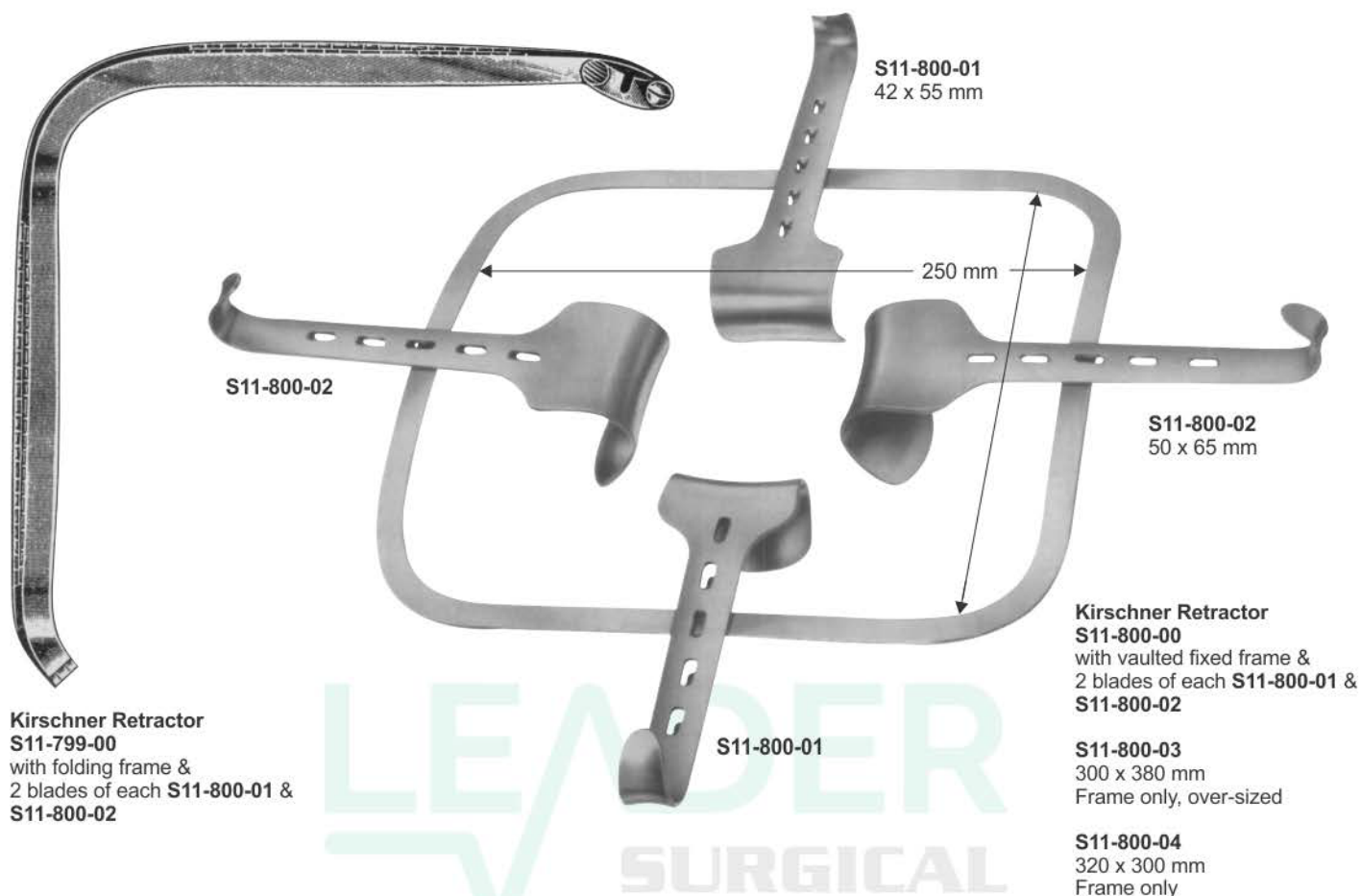
S11-792-05
Blades only 20 x 40 mm



Abdominal Retractors
well suitable for gynaecologists


Semm Abdominal Retractors
consisting of:

- S11-794-00** complete set
- S11-794-01** 1 frame 225 x 220 mm
- S11-794-02** 2 blade 46 x 64 mm
- S11-794-03** 1 blade 53 x 54 mm
(for bladder)
- S11-794-04** 1 blade 82 x 97 mm
(for intestine)
- S11-794-05** 1 blade 98 x 51 mm
(for intestine)
- S11-794-06** 1 blade, narrow
107 x 36 mm



Kirschner Retractor
S11-799-00
 with folding frame &
 2 blades of each **S11-800-01** &
S11-800-02

Kirschner Retractor
S11-800-00
 with vaulted fixed frame &
 2 blades of each **S11-800-01** &
S11-800-02

S11-800-03
 300 x 380 mm
 Frame only, over-sized

S11-800-04
 320 x 300 mm
 Frame only

Additional valves for corpulent persons



Kirschner Retractor
S11-801-01
 64 x 80 mm

Kirschner-Balfour
Retractor
S11-802-01
 80 x 82 mm

Kirschner Retractor
S11-803-01 90 x 69 mm
S11-803-02 92 x 95 mm
S11-803-03 78 x 58 mm

Kirschner Retractor
S11-804-01 108 x 42 mm
S11-804-02 91 x 55 mm
S11-804-03 121 x 55 mm



Book Walter Retractor
Complete Set with Box
S11-810-00



Book Walter Retractor
Complete Set with Wooden Box
S11-814-00



Leyla
Self-Retaining Brain Retractor
S11-830-00



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