



**RETRACTORS**

Crochet, Micro crochets

Wundhäkchen, Mikrohäkchen

Divaricatore, Micro Divaricatori

Ganchito, Micro Ganchitos



**Guthrie Hooklet**



**ST11-001-01**  
16 cm  
small Sharp



**ST11-001-02**  
16 cm  
large Sharp



**Gillies Skin Hook**



**ST11-002-01**  
18 cm  
Sharp



**ST11-002-02**  
18 cm  
sharp



**Kilner Hook**



**ST11-003-15**  
15 cm  
sharp



**Fisch Hooklet & Skin Hook**



**ST11-004-01**  
18.5 cm  
sharp



**ST11-004-02**  
18.5 cm  
sharp



**Frazier Hooklet & Skin Hook**



**ST11-005-01**  
13 cm  
**ST11-005-02**  
18 cm  
Sharp



**ST11-006-01**  
13 cm  
**ST11-006-02**  
18 cm  
Blunt



**Hartmann Skin Hook**  
**ST11-007-16**  
16 cm sharp



**Wiener Hook & Skin Hook**  
**ST11-008-14**  
14 cm  
Sharp



**Toennis Hook & Skin Hook**  
**ST11-009-15**  
15 cm  
Sharp



**Emmet Hooklet**  
**ST11-010-22**  
22 cm  
Fistula hook



**Iterson Hooklet**



**ST11-011-01**  
16 cm  
Sharp



**ST11-012-01**  
16 cm  
Blunt



**Lange Skin Hook**  
**ST11-013-22**  
22 cm  
Fistula hook



**Simon Skin Hook**  
**ST11-014-22**  
22 cm  
1 x sharp  
Fistula Hook



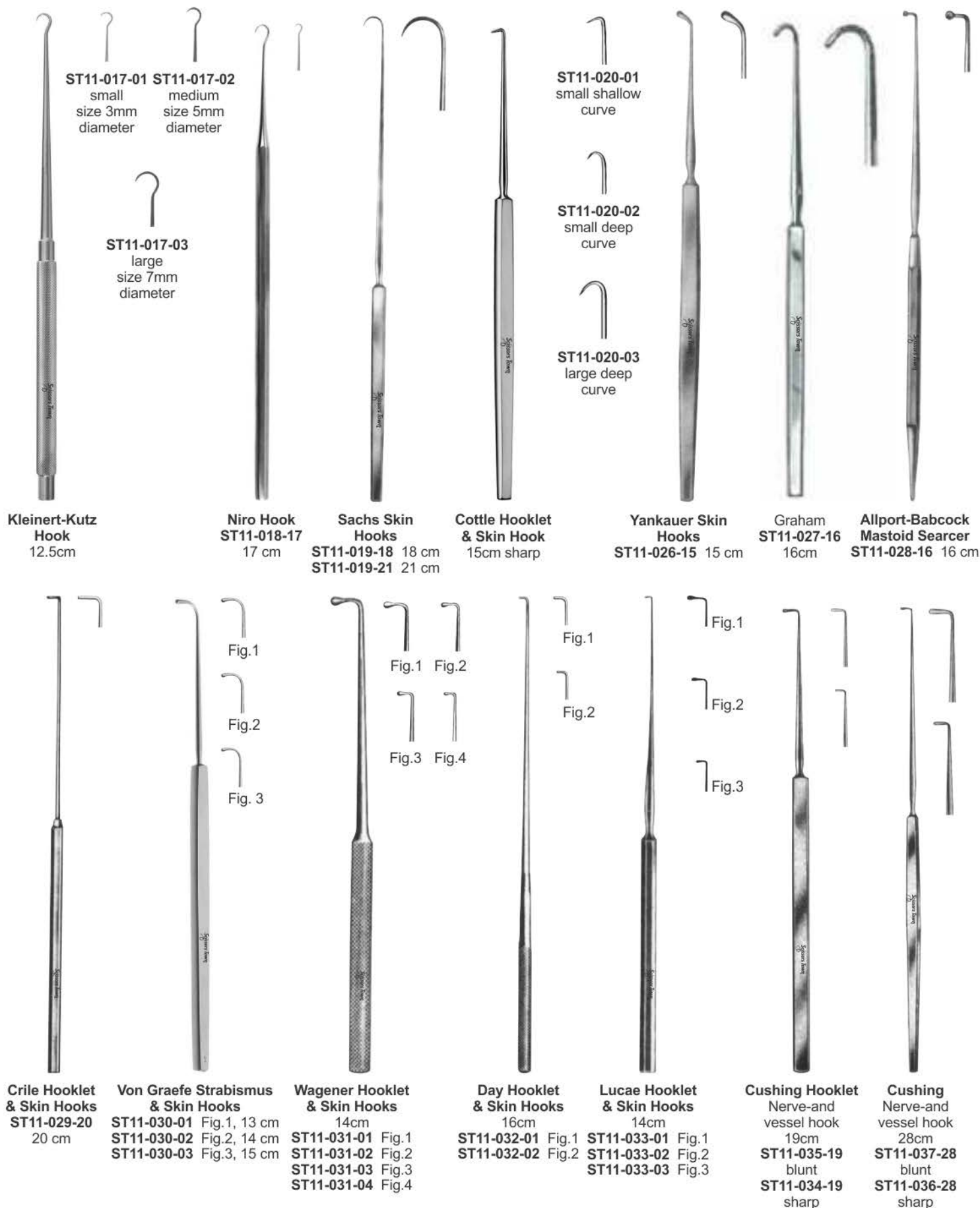
**Simon Skin Hook**  
**ST11-015-22**  
22 cm  
2 x sharp



**Mannerfelt Hook**  
**ST11-016-15**  
15.5 cm  
Sharp  
large curve

Wundhäkchen, Mikrohäkchen  
Ganchito, Micro Ganchitos

Crochet, Micro crochetes  
Divaricatore, Micro Divaricatori

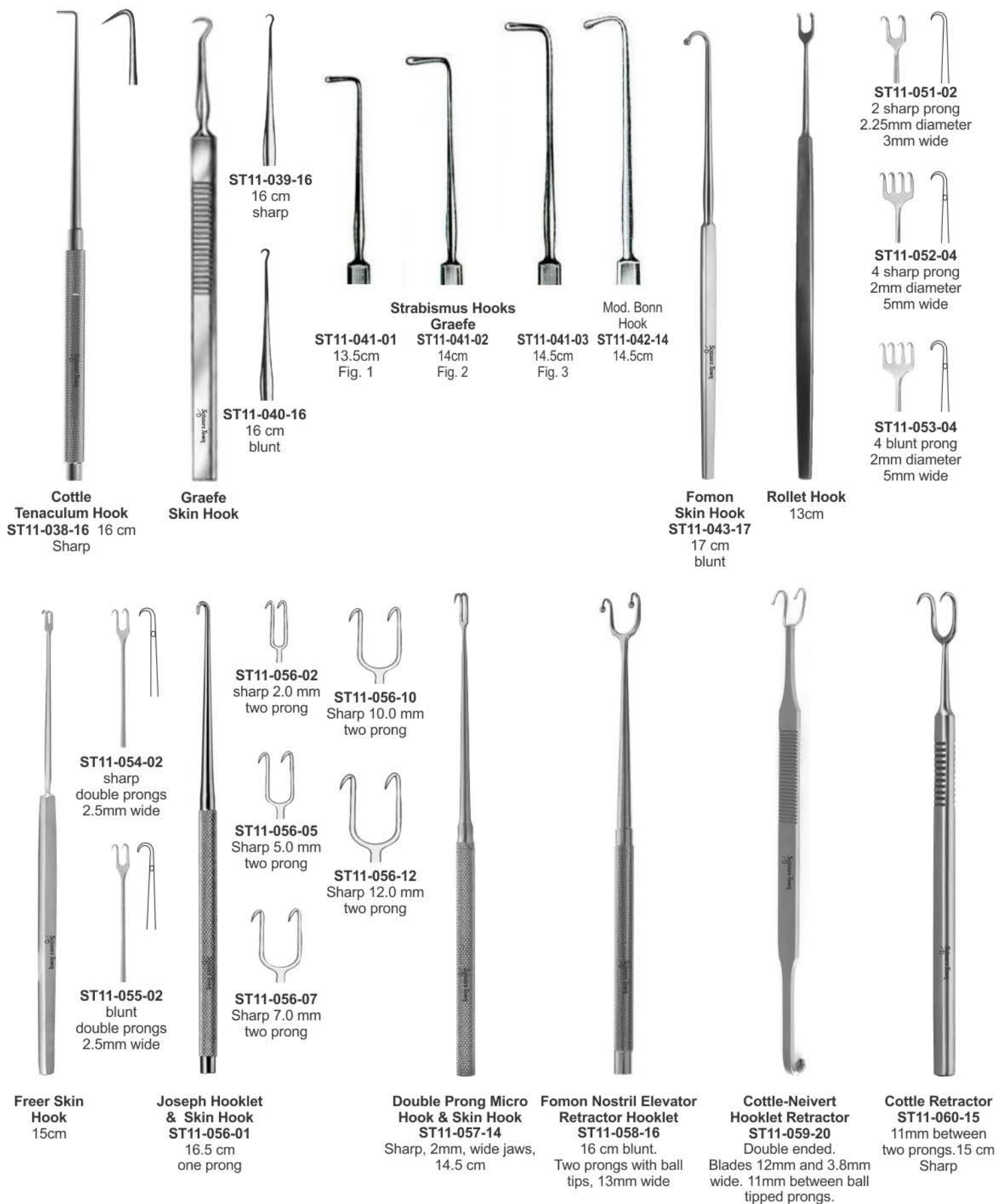


Crochet, Micro crochetes

Wundhäkchen, Mikrohäkchen

Divaricatore, Micro Divaricatori

Ganchito, Micro Ganchitos



Wundhäkchen, Mikrohäkchen  
Ganchito, Micro Ganchitos

Crochet, Micro crochets  
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**Cottle Retractor  
ST11-061-15**  
11mm between two prongs, blunt on the left and sharp on the right 15 cm  
Blunt/Sharp

**Cottle Retractor  
ST11-062-15**  
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  
ST11-075-16**  
16 cm double ended.  
Blades 15mm and 3.2mm wide

**Kilner  
Skin Hook  
ST11-079-10**  
10 cm  
sharp

**Converse Hook  
ST11-080-12** 12 cm



**ST11-081-01**  
small

**ST11-081-02**  
large

**ST11-081-03**  
small

**ST11-081-04**  
large

**ST11-082-01**

**ST11-082-02**

**ST11-082-03**

**ST11-082-04**

**Krayenbuhl Hook**  
18.5 cm Probe pointed tip with finger rest

**Caspar Hook**  
24.5 cm

Crochet, Ecarteurs

Divaricatore, Divaricatori

Wundhäkchen, Wundhaken

Ganchito, Separadores



**Frazier**  
**ST11-083-15**  
15cm



**Cottle Four**  
**Prong Retractor**  
**ST11-084-16**  
2mm wide  
blunt prongs 16.5cm



**Rollet Hooklet**  
**Retractors**  
**ST11-085-12**  
12.5 cm



**Rollet (Blair)**  
**Hooklet Retractors**  
**ST11-086-13** 13.5 cm



**Paul Hooklet**  
**Retractors**  
**ST11-087-12**  
12.5 cm



**Paul Hooklet**  
**Retractors**  
**ST11-088-16**  
16 cm



**Miller Retractor**  
**ST11-089-13**  
13.5 cm  
Sharp 6 prong



**ST11-090-13**  
9 Prong 13.5 cm  
Sharp



**ST11-091-13**  
9 Prong 13.5 cm  
Blunt



**Hooklet Retractors**  
**ST11-092-13** 13 cm



**Trachea Retractor**  
16.5 cm  
Sharp

**ST11-093-01**  
Tracheal Hook  
one prong



**ST11-093-02**  
2 prong



**ST11-093-03**  
3 prong



**ST11-093-04**  
4 prong



**Tracheal Retractor**  
16.5 cm  
Blunt

**ST11-094-01**  
Tracheal Hook  
one prong



**ST11-094-02**  
2 prong



**ST11-094-03**  
3 prong



**ST11-094-04**  
4 prong

Wundhäkchen, Wundhaken  
Ganchito, Separadores

Crochet, Ecarteurs  
Divaricatore, Divaricatori



**Tracheal Retractor**  
18 cm  
Sharp



**ST11-101-02**  
2 prong



**ST11-101-03**  
3 prong



**ST11-101-04**  
4 prong



**Tracheal Retractor**  
18 cm  
Blunt



**ST11-102-02**  
2 prong



**ST11-102-03**  
3 prong



**ST11-102-04**  
4 prong



**Finger Rake, Retractor**  
16.5 cm  
Sharp



**ST11-103-01**  
one prong



**ST11-103-02**  
two prong



**ST11-103-03**  
three prong



**ST11-103-04**  
four prong



**Finger Rake, Retractor**  
16.5 cm  
Blunt



Blunt



**ST11-104-01**  
one prong



**ST11-104-02**  
two prong



**ST11-104-03**  
three prong



**ST11-104-04**  
four prong



**Hooklets, Retractors**  
16 cm



**ST11-105-02**  
2 prong  
flexible, sharp



**ST11-105-03**  
3 prong  
flexible, sharp



**ST11-105-04**  
4 prong  
flexible, sharp



**ST11-106-02**  
2 prong  
flexible, blunt



**ST11-106-03**  
3 prong  
flexible, blunt



**ST11-106-04**  
4 prong  
flexible, blunt



**Peck Rake Retractor**  
16.5 cm



**ST11-107-04**  
4 prong  
sharp



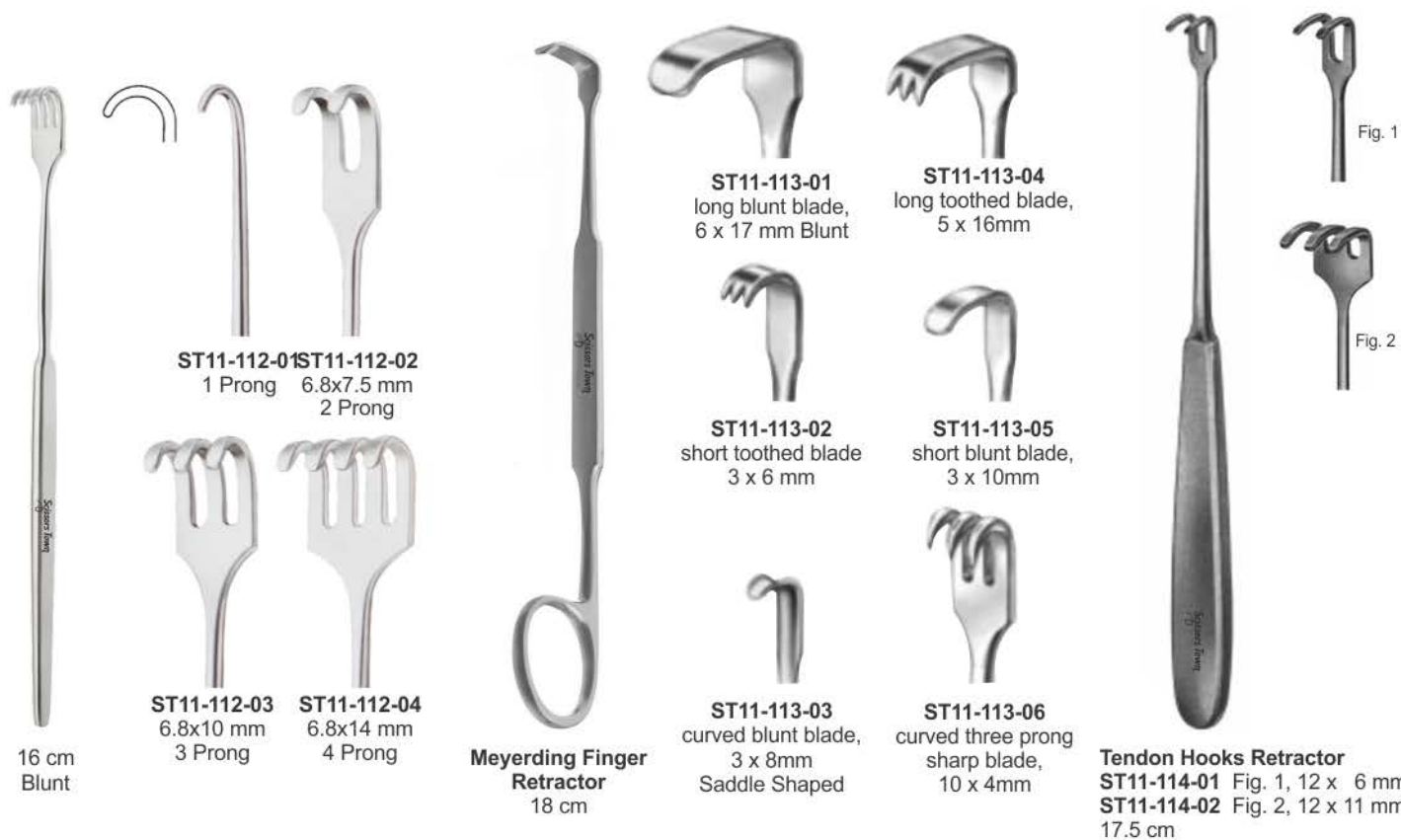
**ST11-108-02**  
4 prong  
blunt

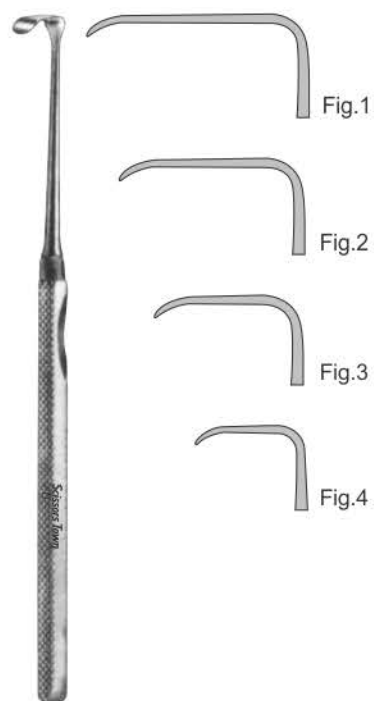
Crochet, Ecarteurs

Divaricatore, Divaricatori

Wundhäkchen, Wundhaken

Ganchito, Separadores





**Mannerfelt-Langenbeck Retractors**  
15.5cm

ST11-121-01 15 x 6 mm Fig.1  
ST11-121-02 20 x 6 mm Fig.2  
ST11-121-03 25 x 6 mm Fig.3  
ST11-121-04 30 x 8 mm Fig.4



**Brom Hooklet Retractors**  
ST11-122-17  
17 cm



**Hooklet Retractors**  
17 cm



**Langenbeck-Mini Retractor**  
16 cm



ST11-124-01  
10 x 6 mm



ST11-124-03  
20 x 6 mm



ST11-124-02  
17 x 5 mm



ST11-124-04  
22 x 8 mm

ST11-123-14  
14x5mm  
ST11-123-17  
17x5mm  
ST11-123-25  
25x6mm



**Senn-Green Retractor**  
15 cm

ST11-125-01  
10 x 6 mm

ST11-125-02  
20 x 6 mm



**Lukens Retractors**  
ST11-126-17 17 cm



**Cope Retractors**  
ST11-127-18 18 cm



**Ragnell-Davis Retractor**  
14 cm  
ST11-128-14  
8 x 4 mm  
15 x 5.5 mm



**Senn Retractor**  
16cm

ST11-129-16  
Sharp

ST11-130-16  
Blunt



**Senn-Mueller Retractor**  
16cm



ST11-131-16  
18 x 6 mm  
sharp



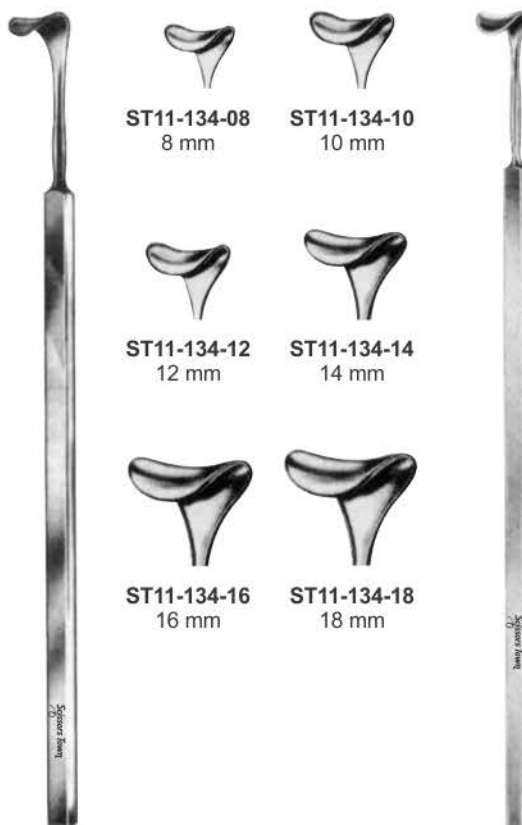
ST11-132-16  
18 x 6 mm  
Blunt

*Ecarteurs*  
*Divaricatori*

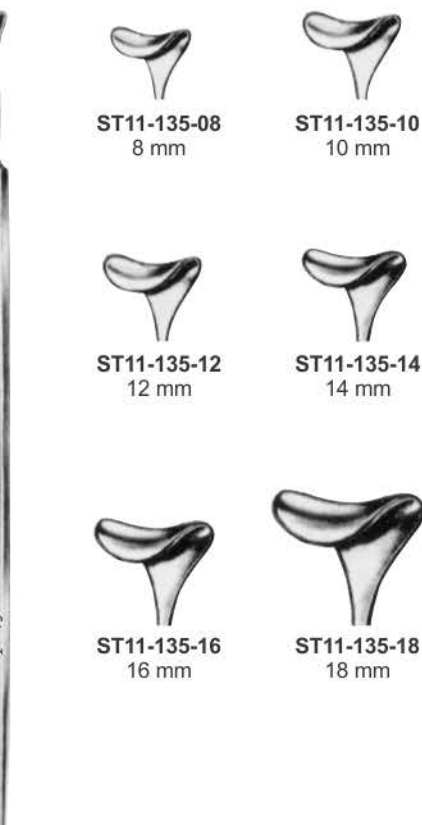
*Wundhaken*  
*Separadores*



**Mannerfelt Hooklet Retractors**  
15.5 cm



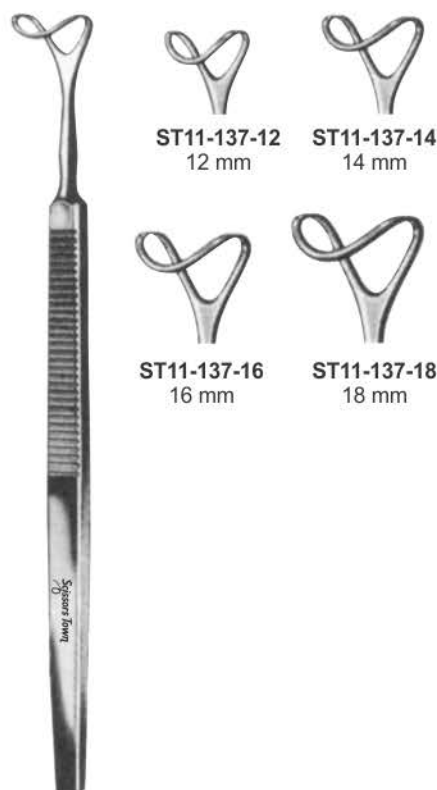
**Cushing Hooklet Retractors**  
20 cm



**Cushing Hooklet Retractors**  
24 cm



**Desmarres Lid Retractors**  
16 cm



**Mannerfeldt Retractor**  
16 cm



**Cottle Retractor**  
ST11-138-15  
15 cm  
10 x 12 mm

**König Retractor**  
17 cm



Gil-Vernet Hooklet  
Retractor  
24.5 cm



ST11-140-09  
9mm



ST11-140-11  
11mm



ST11-140-13  
13mm



ST11-140-15  
15mm



ST11-140-18  
18mm



Gil-Vernet Hooklet  
Retractor  
28 cm



ST11-141-09  
9mm



ST11-141-11  
11mm



ST11-141-13  
13mm



ST11-141-15  
15mm



ST11-141-18  
18mm



Gil-Vernet Retractor  
24 cm



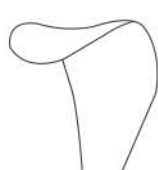
ST11-142-09  
9 mm



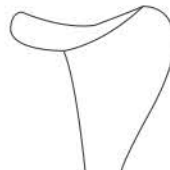
ST11-142-11  
11 mm



ST11-142-13  
13 mm



ST11-142-15  
15 mm



ST11-142-18  
18 mm



Strandell-Stille  
Retractor  
ST11-143-19  
19 cm



Strandell-Stille  
Retractor  
ST11-144-19  
19 cm  
Serrated tip



Little Retractor  
ST11-145-20  
20 cm  
12x14 mm

|              |             |
|--------------|-------------|
| Ecarteurs    | Wundhaken   |
| Divaricatori | Separadores |



**Herzfeld Retractor**  
ST11-146-20  
20 cm



**Schoenbore Retractor**  
ST11-147-21  
21 cm



**Cushing Hooklet Retractors**  
24 cm



ST11-148-01  
11 x 14 mm



ST11-148-02  
13 x 18 mm



ST11-148-03  
15 x 22 mm



**Cushing-Kocher Hooklet Retractors**  
ST11-149-18 18 cm  
10 x 10 mm



**Volkman Retractors**  
11.5 cm



ST11-155-02  
2 prong



ST11-155-03  
3 prong



ST11-155-04  
4 prong



ST11-155-06  
6 prong

Blunt



ST11-156-02  
2 prong



ST11-156-03  
3 prong



ST11-156-04  
4 prong



ST11-156-06  
6 prong



**Murphy Retractors**  
19 cm  
ST11-157-02 2 prongs  
ST11-157-03 3 prongs  
ST11-157-04 4 prongs  
ST11-157-05 5 prongs  
Sharp

**Murphy Retractors**  
19 cm  
ST11-158-02 2 prongs  
ST11-158-03 3 prongs  
ST11-158-04 4 prongs  
ST11-158-05 5 prongs  
Blunt



**Klapp Retractor**  
**ST11-159-01** 12X6 mm  
**ST11-159-02** 12X11 mm  
**ST11-159-03** 15X11 mm  
 17.5 cm



**Wassmund Retractor**  
**ST11-160-20**  
 20 cm  
 33 x 20mm



**Volkman Retractors**  
**ST11-161-23** 23 cm  
 Sharp



**Volkman Retractors**  
**ST11-162-23** 23 cm  
 Blunt



**Lambotte Retractors**  
 20 cm  
**ST11-163-01** 13 x 235 mm  
**ST11-163-02** 20 x 255 mm  
**ST11-163-03** 27 x 270 mm



Fig.1



Fig.2



**Ollier Retractor**  
 23cm

**ST11-164-01** Fig.1, 36 x 30 mm  
**ST11-164-02** Fig.2, 36 x 60 mm  
 blunt



**Israel Retractor**  
**ST11-165-22**  
 22.5 cm Blunt



Fig.1



Fig.2



Fig.3



Fig.4

**Israel Retractor**  
 25 cm

**ST11-166-01** Fig. 1, 40 x 40 mm  
**ST11-166-02** Fig. 2, 45 x 50 mm  
**ST11-166-03** Fig. 3, 50 x 60 mm  
**ST11-166-04** Fig. 4, 70 x 70 mm  
 blunt

Crochet, Ecarteurs

Wundhäkchen, Wundhaken

Divaricatore, Divaricatori

Ganchito, Separadores



ST11-167-01  
21 cm  
Sharp



ST11-167-22  
22 cm  
Sharp

Kocher Hooklet,  
Retractors



ST11-168-01  
21 cm  
Blunt

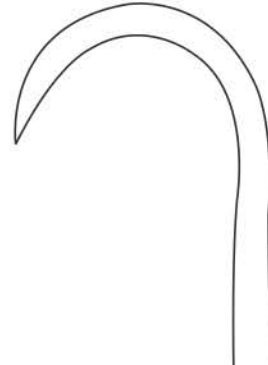


ST11-168-02  
22 cm  
Blunt

Kocher Hooklet,  
Retractors



ST11-169-20  
20 cm  
Sharp

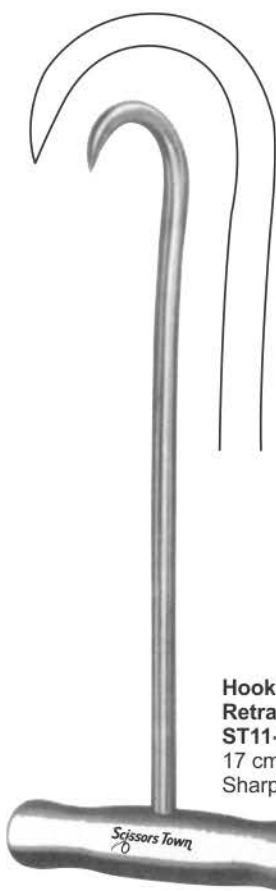


ST11-169-24  
24 cm  
Sharp

Hooklet,  
Retractors



Hooklet,  
Retractors  
ST11-170-20  
20 cm Blunt



Hooklet,  
Retractors  
ST11-171-17  
17 cm  
Sharp



ST11-172-01



ST11-172-02



ST11-172-03



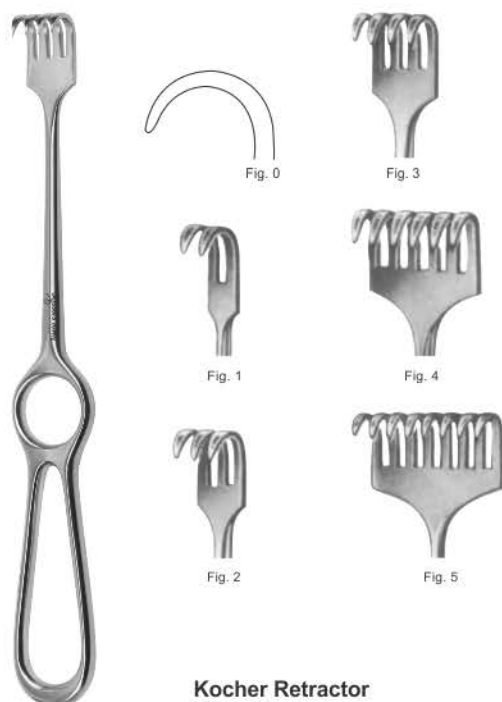
Williger Retractor  
12 cm



Sternberg Retractor  
ST11-174-12 12 cm  
ST11-174-14 14 cm  
ST11-174-16 16 cm



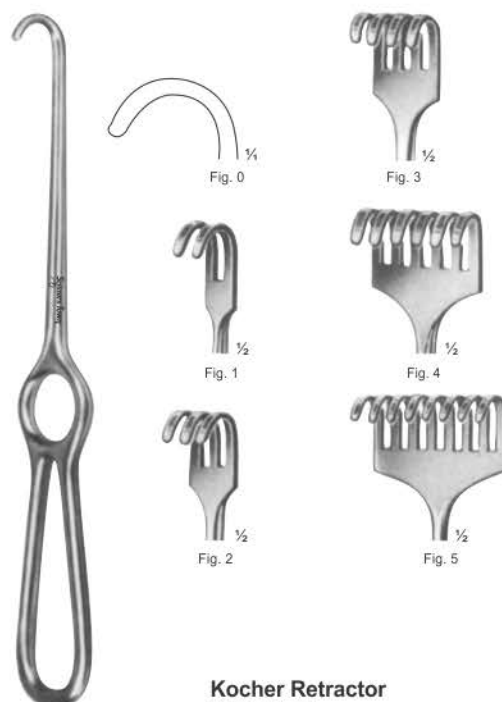
Collin-Hartmann Retractor  
ST11-175-14  
38 x 28 / 32 x 21 mm 14 cm  
ST11-175-16  
52 x 34 / 36 x 27 mm 16 cm



**Kocher Retractor**

22cm Sharp

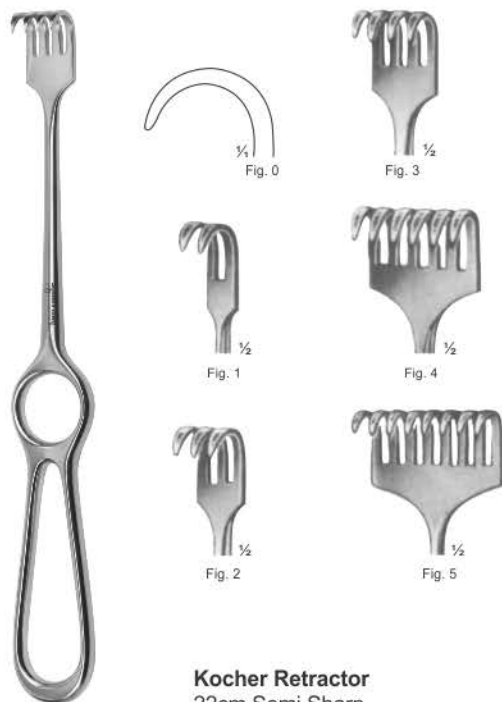
- ST11-181-01 15 x 10 mm 2 prong Fig. 1  
ST11-181-02 15 x 15 mm 3 prong Fig. 2  
ST11-181-03 15 x 20 mm 4 prong Fig. 3  
ST11-181-04 15 x 30 mm 6 prong Fig. 4  
ST11-181-05 15 x 40 mm 8 prong Fig. 5



**Kocher Retractor**

22cm Blunt

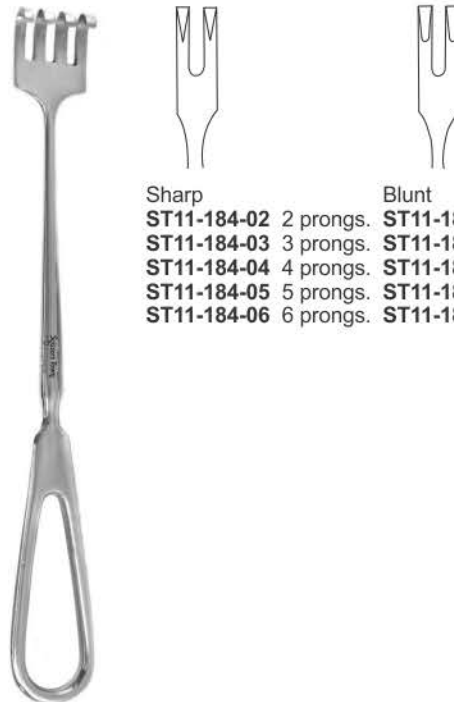
- ST11-182-01 15 x 10 mm 2 prong Fig. 1  
ST11-182-02 15 x 15 mm 3 prong Fig. 2  
ST11-182-03 15 x 20 mm 4 prong Fig. 3  
ST11-182-04 15 x 30 mm 6 prong Fig. 4  
ST11-182-05 15 x 40 mm 8 prong Fig. 5



**Kocher Retractor**

22cm Semi Sharp

- ST11-183-01 15 x 10 mm 2 prong Fig. 1  
ST11-183-02 15 x 15 mm 3 prong Fig. 2  
ST11-183-03 15 x 20 mm 4 prong Fig. 3  
ST11-183-04 15 x 30 mm 6 prong Fig. 4  
ST11-183-05 15 x 40 mm 8 prong Fig. 5



**Volkman Retractors**

Long Pattern  
22 cm

Sharp

- ST11-184-02 2 prongs.  
ST11-184-03 3 prongs.  
ST11-184-04 4 prongs.  
ST11-184-05 5 prongs.  
ST11-184-06 6 prongs.

Blunt

- ST11-185-02 2 prongs.  
ST11-185-03 3 prongs.  
ST11-185-04 4 prongs.  
ST11-185-05 5 prongs.  
ST11-185-06 6 prongs.

Ecarteurs

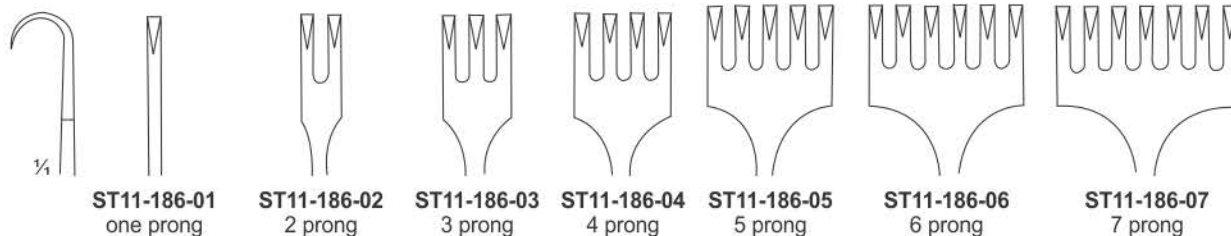
Wundhaken

Divaricatori

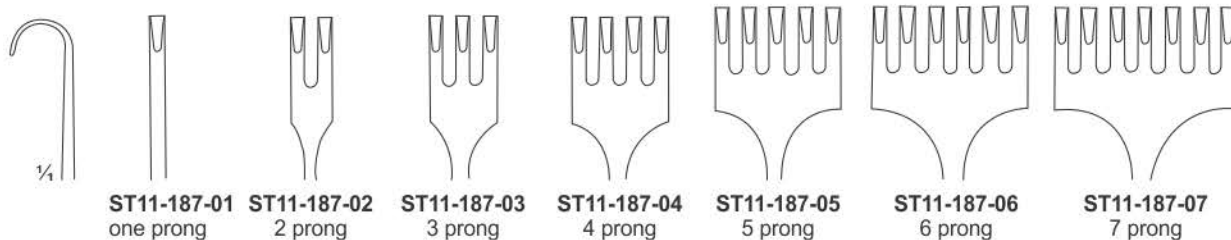
Separadores



## Sharp

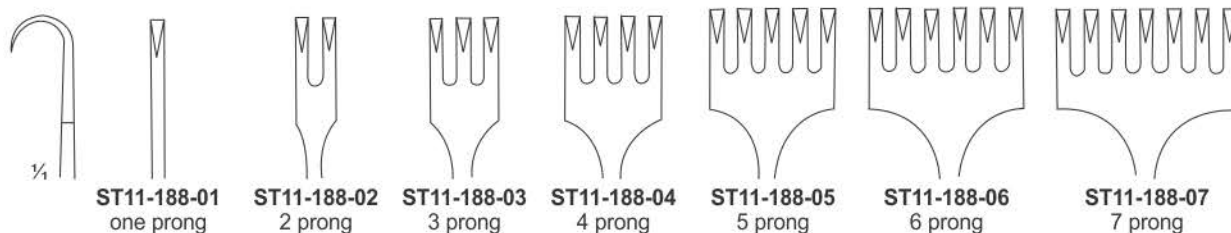


## Blunt

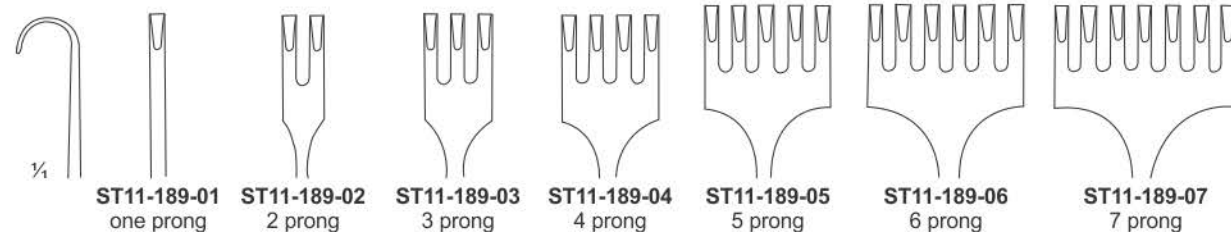


Volkmann Retractor  
21.5 cm

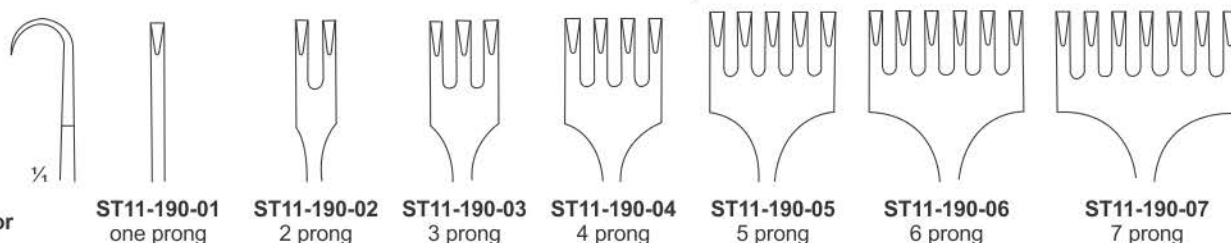
## Sharp



## Blunt



## Semi Sharp



Volkmann Retractor  
21.5 cm



**Koerte Retractor**  
ST11-192-24 24 cm  
26 x 40 mm  
blunt



**Koerte Retractor**  
ST11-191-24 24 cm  
26 x 40 mm  
sharp



**Koerte Retractor**  
ST11-194-23 23 cm  
46 x 55 mm  
blunt



**Korte-Wagner Retractor**  
ST11-195-28 28 cm  
Sharp



**Koerte Retractor**  
ST11-196-28 28 cm  
25 x 40 mm  
semi-sharp



**Koerte Retractor**  
ST11-199-23 23 cm  
Blunt



**Kocher Retractor**  
22 cm  
ST11-206-01 40 x 10 mm  
ST11-206-02 40 x 15 mm  
ST11-206-03 40 x 20 mm



ST11-207-01  
19 x 12 mm

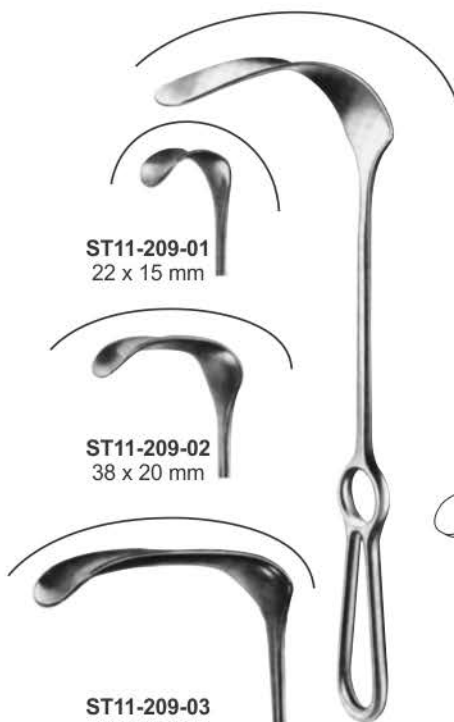


ST11-207-02  
21 x 14 mm

**Kocher Retractor**  
20.5 cm



**Kocher Retractor**  
23cm  
ST11-208-01 35 x 18 mm  
ST11-208-02 60 x 20 mm  
ST11-208-03 60 x 25 mm  
ST11-208-04 75 x 30 mm  
ST11-208-05 75 x 40 mm



ST11-209-01  
22 x 15 mm

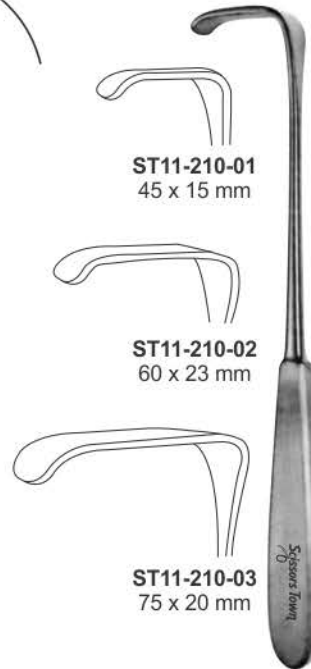


ST11-209-02  
38 x 20 mm



ST11-209-03  
67 x 25 mm

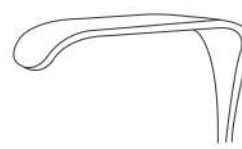
**Kocher-Wagner Retractor**  
28 cm



ST11-210-01  
45 x 15 mm



ST11-210-02  
60 x 23 mm



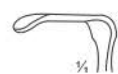
ST11-210-03  
75 x 20 mm

**Sauerbruch Retractor**  
25 cm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



ST11-211-01  
20 x 7 mm



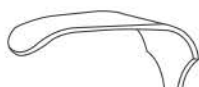
ST11-211-02  
30 x 7 mm



ST11-211-03  
30 x 11 mm



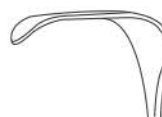
ST11-211-04  
30 x 15 mm



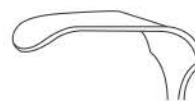
ST11-211-05  
30 x 20 mm



ST11-211-06  
44 x 10 mm



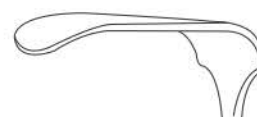
ST11-211-07  
44 x 15 mm



ST11-211-08  
45 x 20 mm



ST11-211-09  
50 x 20 mm



ST11-211-10  
60 x 20 mm



Langenbeck Retractor  
ST11-213-21  
21 cm  
38 x 9mm



Langenbeck Retractor  
24 cm



ST11-212-01  
35 x 7mm



ST11-212-02  
35 x 11mm



ST11-212-03  
35 x 15mm



ST11-212-04  
35 x 20mm



Langenbeck Retractor  
ST11-214-21  
21.5 cm  
Handle vertical  
to the blade



**Langenbeck  
Retractor**  
22 cm  
ST11-215-01 -  
ST11-215-07

ST11-215-01  
ST11-216-01  
25 x 6 mm



ST11-215-02  
ST11-216-02  
35 x 8 mm



ST11-215-03  
ST11-216-03  
35 x 11 mm



ST11-215-04  
ST11-216-04  
35 x 15 mm



ST11-215-05  
ST11-216-05  
41 x 11 mm



ST11-215-06  
ST11-216-06  
55 x 11 mm



ST11-215-07  
ST11-216-07  
70 x 14 mm



**Langenbeck  
Retractor**  
22 cm  
ST11-216-01 -  
ST11-216-07



ST11-217-01  
25 x 6 mm



ST11-217-02  
35 x 8 mm



ST11-217-03  
35 x 11 mm



ST11-217-04  
35 x 15 mm



ST11-217-05  
40 x 11 mm



ST11-217-06  
55 x 11 mm



ST11-217-07  
70 x 14 mm



ST11-217-08  
80 x 12 mm



ST11-217-09  
80 x 16 mm



**Kocher-  
Langenbeck  
Retractor**  
21.5 cm



Ecarteurs

Wundhaken

Divaricatori

Separadores



ST11-221-01 14 x 17 mm  
21.5 cm



ST11-221-02 20 x 22 mm  
22 cm



ST11-221-03 26 x 30 mm  
23.5 cm



ST11-222-01 14 x 17 mm  
21.5 cm



ST11-222-02 20 x 22 mm  
22 cm



ST11-222-03 26 x 30 mm  
23.5 cm



Middeldorpf Retractor

Middeldorpf Retractor



ST11-223-01 45 x 50 mm



ST11-223-02 50 x 52 mm



ST11-223-03 55 x 70 mm



ST11-224-22 25 x 12mm  
Fully curved wire  
loop blade



ST11-225-01 40 x 12 mm



ST11-225-02 55 x 14 mm

Middeldorpf Retractor  
25.5 cm

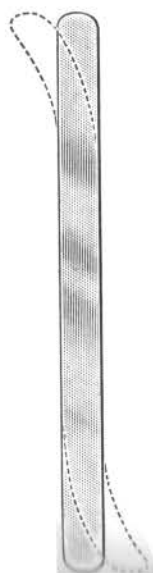
Green Goiter  
Retractor  
22 cm

Caspar Retractor  
21 cm

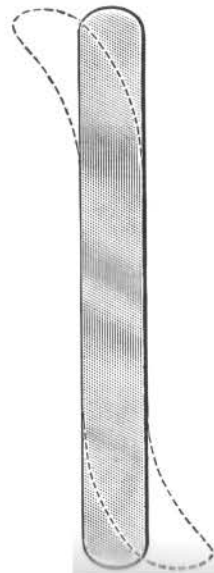


ST11-231-01 20cm x 12mm  
ST11-231-02 20cm x 17mm  
ST11-231-03 20cm x 25mm  
ST11-231-04 33cm x 25mm  
ST11-231-05 33cm x 32mm  
ST11-231-06 33cm x 40mm  
ST11-231-07 33cm x 50mm

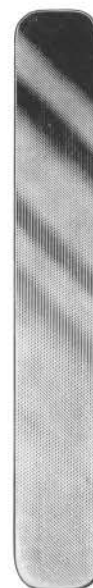
Malleable Ribbon Retractor



**RIBBON** Retractors, malleable  
stainless steel  
ST11-232-06 6x200mm  
ST11-232-12 12x200mm  
ST11-232-17 17x200mm  
ST11-232-25 25x200mm



Ribbon Retractors, malleable  
stainless steel  
ST11-233-27 27x250mm  
ST11-233-35 35x250mm



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

ST11-234-03 30x330mm  
ST11-234-04 40x330mm  
ST11-234-05 50x330mm  
ST11-234-07 75x330mm

OCHSNER ribbon Retractors,  
malleable, stainless steel  
33cm

ST11-235-03 30x330mm  
ST11-235-04 40x330mm  
ST11-235-05 50x330mm



**Tuffier Ribbon Retractors**  
malleable, 17 + 25mm wide  
20cm  
ST11-236-17 17+25x200mm



**HABERER** ribbon Retractors,  
malleable, 37 + 45mm wide  
30cm  
ST11-237-30 copper, silver-plated  
ST11-238-30 stainless steel



**Reverdin Retractor**  
ST11-239-28 28 cm  
46 x 60 mm



**Reverdin Retractor**  
ST11-240-29 29 cm



**Blood Scoop**  
ST11-245-15 15 cm

Ecarteurs | Wundhaken  
Divaricatori | Separadores



**Luer Retractor**  
**ST11-246-11** 11 cm  
10 x 8 mm / 12 x 11 mm



**Rose Retractor**  
**ST11-247-13** 13 cm  
12 x 12 mm /  
12 x 15 mm



**Crile Retractor**  
**ST11-248-11** 11 cm  
12 x 4 mm /  
20 x 6 mm

12 x 4 mm



**Mathieu Retractor**  
Set 2 pcs.  
**ST11-249-01** 20 cm  
47 x 13 / 46 x 26 mm  
**ST11-249-02** 20 cm  
42 x 13 / 42 x 26 mm



**Us-Army Retractor**  
Set 2 pcs.  
**ST11-250-01** 21.5 cm  
28 x 15 / 42 x 15 mm  
**ST11-250-02** 21.5 cm  
25 x 15 / 38 x 15 mm



**Farabeuf Retractor**  
**ST11-251-00**  
Set 2 Pcs.  
**ST11-251-01** 13 cm  
30 x 10 / 34 x 13 mm  
**ST11-251-02** 13 cm  
26 x 10 / 30 x 13 mm



**Farabeuf Retractor**  
**ST11-252-00**  
Set 2 Pcs.  
**ST11-252-01** 15 cm  
27 x 16 / 30 x 16 mm  
**ST11-252-02** 15 cm  
23 x 16 / 26 x 16 mm



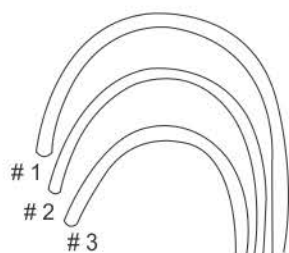
**Collin Retractor**  
**ST11-253-00**  
Set 2 pcs.  
**ST11-253-01** 16.5 cm  
25 x 12 / 35 x 16 mm  
**ST11-253-02** 16.5 cm  
20 x 12 / 30 x 16 mm



**Mayo-Collin Retractor**  
Set 2 pcs.  
**ST11-254-15** 15 cm  
28 x 18 / 25 x 18 mm



**Sofield Retractor**  
**ST11-255-00**  
set of 6 pec.



**Roux Retractor**  
**ST11-256-00**

Set 3 pcs. consisting of

- # 1 **ST11-256-01** 14 cm 24 x 20 / 30 x 28 mm
- # 2 **ST11-256-02** 15 cm 29 x 26 / 36 x 36 mm
- # 3 **ST11-256-03** 17 cm 33 x 29 / 38 x 43 mm



**Baby-Roux Retractor**  
**ST11-257-13** 13 cm

15 x 15 mm/  
18 x 21 mm



28 x 23 mm

43 x 23 mm

**Roux Retractor**  
**ST11-258-16** 16.5 cm

28 x 23 mm/  
43 x 23 mm



28 x 27 mm

45 x 27 mm

**Roux Retractor**  
**ST11-259-18** 18.5 cm

28 x 27 mm/  
45 x 27 mm



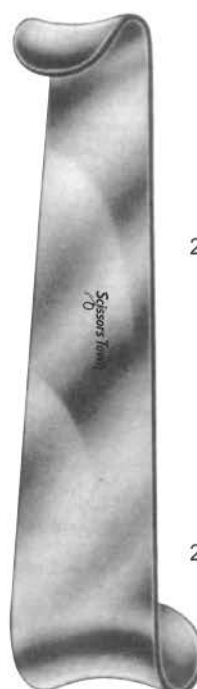
20 x 22 mm

25 x 38 mm

**Mini-Roux Retractor**  
**ST11-260-14** 14 cm

**Roux-Magnus Retractor**  
**ST11-261-15** 15 cm

20 x 22 mm/  
25 x 38 mm

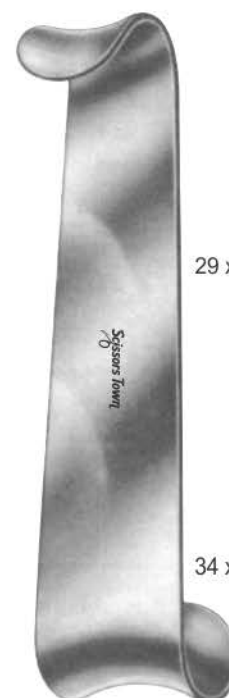


23 x 26 mm

29 x 38 mm

**Roux-Magnus Retractor**  
**ST11-262-16** 16 cm

23 x 26 mm/  
29 x 38 mm



29 x 29 mm

34 x 44 mm

**Roux-Magnus Retractor**  
**ST11-263-17** 17 cm

29 x 29 mm/  
34 x 44 mm

Retradores, Retradores Nerviosos

Retraktoren, Nervenretraktoren

Retrattori, divaricatori nervosi

Rétracteurs, Rétracteurs nerveux



**Parker Retractor**  
**ST11-264-00**

Set 2 pcs.  
**ST11-264-01** 13.5 cm  
22 x 15 mm / 22 x 15 mm  
**ST11-264-02** 18.5 cm



**Parker Retractor**  
Set 2 Pcs  
**ST11-265-13**

13.5 cm  
18 x 15 mm / 19 x 15 mm



**Parker-Langenbeck Retractor**  
**ST11-266-00** Set of 2 Pcs.

21.5cm  
**ST11-266-01** Fig.1, 21 x 15 mm  
40 x 15 mm  
**ST11-266-02** Fig.2, 25 x 15 mm  
46 x 15 mm



**Parker-Mott Retractor**  
**ST11-267-16**

16 cm  
68 x 24 / 74 x 24 mm



**Love Retractor**  
**ST11-271-90**

19 cm  
90° Angled

**Love Retractor**  
**ST11-271-45**

19 cm  
45° Angled



**Love Retractor**  
**ST11-271-00**

19 cm  
Straight

**Love Retractor**  
**ST11-272-00**

21 cm  
4 mm



**Scoville Retractor**  
**ST11-273-20**

20 cm  
7 mm

**Scoville Retractor**  
**ST11-274-23**

23 cm  
8 mm



**Bennett Bone Lever Retractor**  
24 cm  
**ST11-275-01** Small Hollow handle  
43mm width blade  
**ST11-275-02** Large, Hollow handle  
60 mm width blade



**Murphy-Lane Bone Skid**  
**ST11-276-30** 30 cm  
**ST11-276-34** 34 cm  
Luxation lever



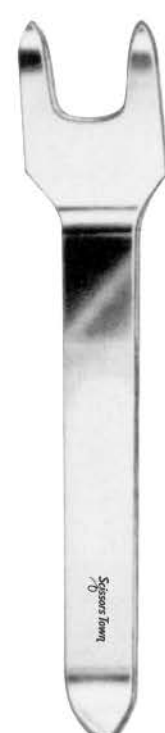
**Blount Bone Lever**  
**ST11-277-26** 26 cm



**Blount Bone Lever**  
**ST11-278-26** 26 cm



**Lange-Hohmann Mod. Bone Lever**  
**ST11-279-26** 26.5cm 30mm  
**ST11-279-80** 28cm 33mm



**Retractor For Knee**  
**ST11-280-27** 27 cm  
Blunt



**Fukuda Style Shoulder Retractor**  
18cm  
**ST11-281-01** Small, 32mm width x 81mm length blade  
**ST11-281-02** Large, 38mm width x 81mm length blade



**Hohmann-Williger Retractor**  
**ST11-282-16** 16 cm



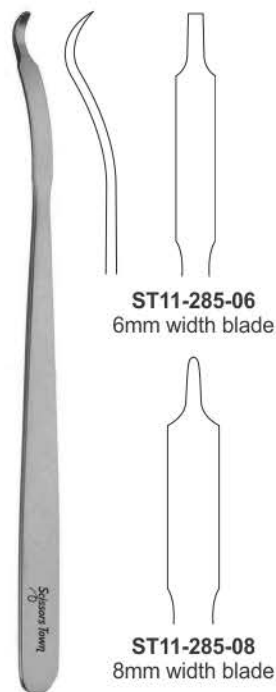
**Blount Retractor**  
**ST11-283-17** 17.5cm



**Taylor Retractor**  
16.5cm  
**ST11-284-01** a=75mm - b=30mm  
**ST11-284-02** a=100mm - b=30mm

Elevadores para huesos  
Elevatori per ossa

Knochenhebel  
Leviers a os



**Mini-Hohmann  
Bone Elevator**  
16cm



**Hohmann  
Bone Lever**  
**ST11-286-15**  
15 cm



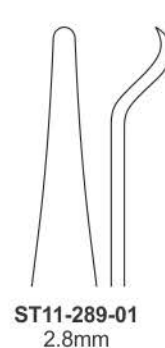
**Hohmann  
Bone Lever**  
**ST11-287-15**  
15.5 cm  
Short tip



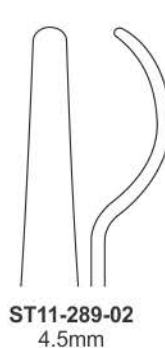
**Hohmann  
Retractor**  
**ST11-288-15**  
15 cm  
15mm width blade



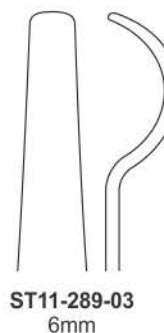
**Bone Lever**  
14cm



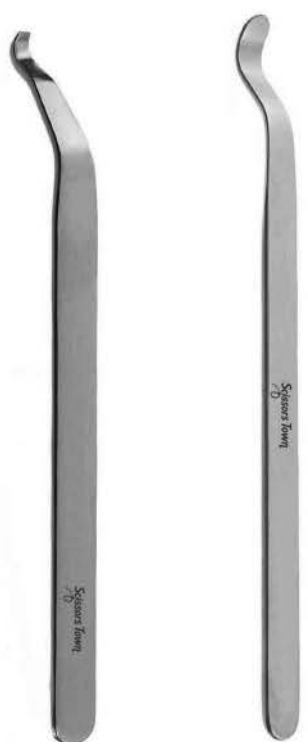
**ST11-289-01**  
2.8mm



**ST11-289-02**  
4.5mm



**ST11-289-03**  
6mm



**Hayes Hand  
Retractor**  
**ST11-290-16** 16 cm  
3mm width blade

**Hayes Hand  
Retractor**  
**ST11-291-15** 15 cm  
6mm width blade



**Bristow Bone Lever**  
**ST11-292-23** 23cm



**Lane Bone Lever**  
**ST11-293-21** 21cm



**Hohmann Retractor**  
**ST11-294-12**  
12.5 cm  
Finger Ring handle,  
16mm width blade

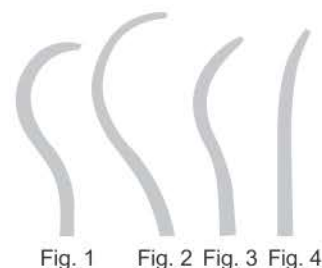


Fig. 1 Fig. 2 Fig. 3 Fig. 4

**Periosteal Elevator**  
17.5 cm  
**ST11-295-01** Fig. 1, 6 mm width  
For Metacarpals Small  
**ST11-295-02** Fig. 2, 10 mm width  
For Metacarpals Medium  
**ST11-295-03** Fig. 3, 5 mm width  
Light Curve, Rounded End,  
**ST11-295-04** Fig. 4, 4.5 mm width  
Contra Angled Curve



**Aufricht (Walter) Retractor**  
**ST11-296-13** 13.5cm



**Capsule Retractor**  
**ST11-297-25** 25.5cm  
3 sharp-pronged,  
22mm width blade



**Bristow-Bankart**  
**Humeral Retractor**  
**ST11-298-19** 19 cm  
3-pronged,  
25mm width x 102mm  
depth blade



**Bristow-Bankart Soft**  
**Tissue Retractor**  
**ST11-299-20** 20 cm  
3-pronged  
21mm width blade,



**Humeral Head Retractor**  
**ST11-300-22** 22 cm  
18mm width blade



**Hohmann Bone Elevator**  
**ST11-311-22** 22 cm  
08mm width blade  
**ST11-311-23** 23 cm  
10mm width blade



**Hohmann Bone Elevator**  
**ST11-312-24** 24cm  
18mm



**Hohmann Bone Elevator**  
**ST11-313-24** 24cm 70mm  
**ST11-313-28** 28 cm 35mm width blade  
**ST11-313-33** 33 cm 40mm width blade



**Hohmann Long Shank**  
**Retractor**  
**ST11-314-23** 23cm  
43mm width blade

Elevadores para huesos

Knochenhebel

Elevatori per ossa

Leviers a os



**Hohmann  
Bone Elevator  
ST11-315-01  
24.5 cm**

**Hohmann  
Bone Elevator  
ST11-315-02  
26cm**

**Hohmann  
Bone Elevator  
ST11-315-03  
28cm**

**Hohmann  
Bone Elevator  
ST11-315-04  
26.5cm**

**Hohmann  
Bone Elevator  
ST11-315-05  
26cm**



**Cushing Vein Retractor**  
ST11-321-22 22.5 cm  
with fenestrated handle  
Blade 12 mm width x 10 mm



**Cushing Decompression Retractor**  
ST11-322-21 21.5 cm  
with fenestrated blade and handle  
Blade 13 mm width x 22 mm



**Jackson**  
ST11-323-15  
15 cm



**Hibbs Retractor**  
23cm  
ST11-324-01 25 x 75 mm  
ST11-324-02 25 x 80 mm



**Meyerding Retractor**  
ST11-325-01 16 X 50 mm, 20 cm  
ST11-325-02 25 X 75 mm, 23 cm  
ST11-325-03 50 X 90 mm, 24 cm



**Aufranc Cobra Retractor**  
29 cm  
ST11-326-29  
Smooth Blunt tip  
ST11-327-29  
Smooth Pointed tip  
ST11-328-29  
Serrated Blunt tip



**Ollier Retractor**  
ST11-329-18  
18.5 cm



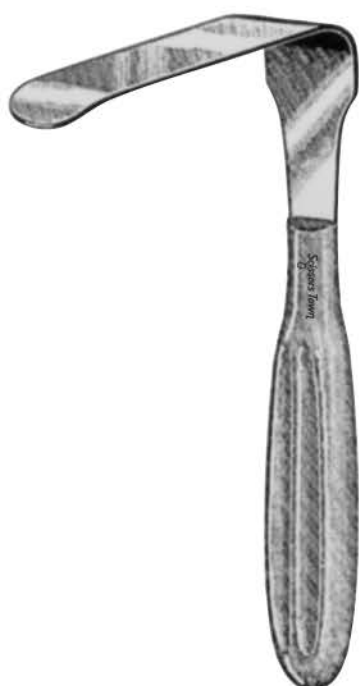
**Lahey Goiter Retractor**  
ST11-330-20 20.5 cm  
Right angle blade, length  
1 inch (2.5cm). With lip.



**Lahey Retractor**  
ST11-331-19  
19 cm

Retractores, Bajalenguas  
Divaricatori, Abbassalingua

Retraktoren, Zungenspatel  
Rétracteurs, Abaisse-langue



**Brantley-Turner Retractor**  
**ST11-332-18** 18 cm  
100 x 30 mm



**Pryor-Pean Retractor**  
**ST11-333-27** 27.5 cm  
115 x 25 mm



**Love Uvula Retractor**  
**ST11-334-01**  
18 mm wide blade



**Koerte Retractor**  
**ST11-335-28** 28 cm  
120 x 45 mm



**Wieder Tongue Depressor**  
**ST11-336-36** large blade 36mm  
wide serrated



**Wieder Tongue Depressor**  
**ST11-337-43** 43.5mm width blade



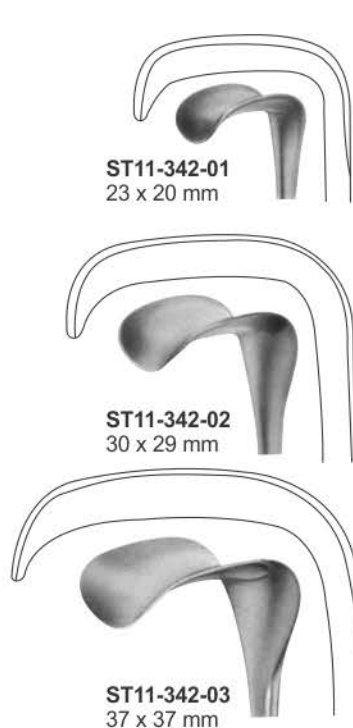
**Kuemmel Retractor**  
**ST11-338-28** 28 cm  
100 x 45 mm



**Heany Retractor**  
27cm  
**ST11-339-01** 45 x 25 mm  
**ST11-339-02** 57 x 33 mm  
**ST11-339-03** 80 x 33 mm



**Richardson-Eastman  
Retractor  
ST11-341-00**  
Set of 2 piece



**Richardson Retractor**  
24 cm



**Richardson Retractor  
ST11-343-24** 24 cm



**Richardson  
Retractors**

**ST11-345-01** 24 cm  
50 x 40 mm wide  
**ST11-345-02** 24 cm  
65 x 50 mm wide  
**ST11-345-03** 25 cm  
75 x 65 mm wide  
**ST11-345-04** 25 cm  
90 x 75 mm wide



**Kelly Retractors**



**Kelly Retractor  
ST11-346-25** 25cm  
55 x 50 mm



**Kelly Retractor**  
26 cm

*Ecarteurs* | *Wundhaken*  
*Divaricatori* | *Separadores*



**Holsher Retractor**  
**ST11-356-24** 24 cm  
7 mm



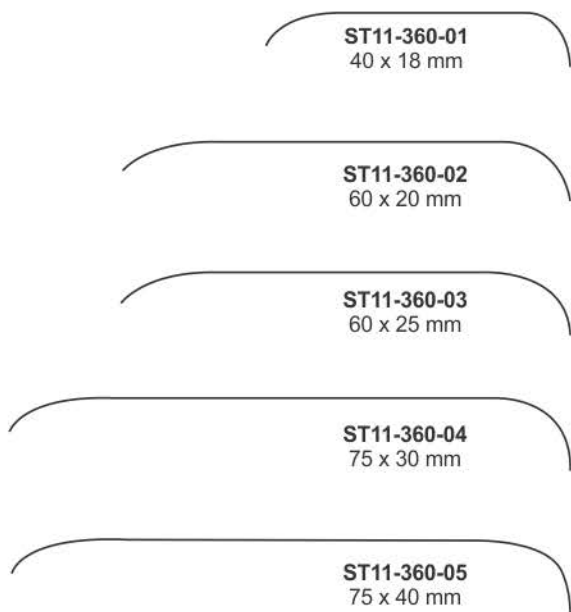
**Hess Retractor**  
19 cm



**Blount Knee Retractor**  
**ST11-358-17** 17.5 cm  
42 x 4 mm



**Taylor Spinal Retractors**  
**ST11-359-16** 16.5 cm  
75 x 30 mm / 100 x 30 mm



**Kocher Retractor**  
23 cm



**Kocher Retractor**  
**ST11-361-22**  
22 cm  
70 x 25 mm



**Kocher Retractor**  
25cm  
**ST11-362-01** 80 x 45 mm  
**ST11-362-02** 80 x 55 mm  
**ST11-362-03** 80 x 65 mm



**Cheek-And Lip Retractor**  
**ST11-363-19** 19 cm  
Movable



**Tuffier Retractor**  
23 cm  
**ST11-364-23** 55 x 63 mm



**Doyen Retractor**  
25 cm  
**ST11-365-01** 40 x 80mm  
**ST11-365-02** 50 x 85mm  
**ST11-365-03** 53 x 80mm  
**ST11-365-04** 82 x 80mm



**Fritch Retractor**  
**ST11-366-24**  
24cm  
45 x 75 mm



**Fritsch Retractor**  
24 cm  
**ST11-367-24** 35 x 40 mm



**Fritsch Retractor**  
24cm  
**ST11-368-01** 30 x 30 mm  
**ST11-368-02** 32 x 40 mm  
**ST11-368-03** 40 x 40 mm  
**ST11-368-04** 45 x 50 mm  
**ST11-368-05** 40 x 50 mm  
**ST11-368-06** 45 x 60 mm  
**ST11-368-07** 40 x 60 mm  
**ST11-368-08** 45 x 75 mm  
**ST11-368-09** 65 x 85 mm

*Ecarteurs*

*Wundhaken*

*Divaricatori*

*Separadores*



## Morris Retractor

24.5 cm

**ST11-369-01** 70 x 40 mm

**ST11-369-02** 70 x 50 mm

**ST11-369-03** 70 x 65 mm



## Kelly Retractor

27 cm

**ST11-370-01**

190 x 38 mm

**ST11-370-02**

190 x 57 mm



## Mikulicz Retractor

26 cm

**ST11-371-26**

85 x 50 mm



## Mikulicz Retractor

26 cm

**ST11-372-01**

95 x 35 mm



## Mikulicz Retractor

26 cm

**ST11-372-02**

120 x 50 mm

**ST11-372-03**

150 x 50 mm



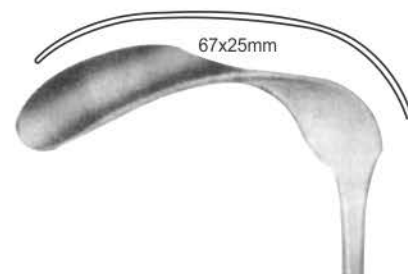
**Kocher Retractor**  
28 cm



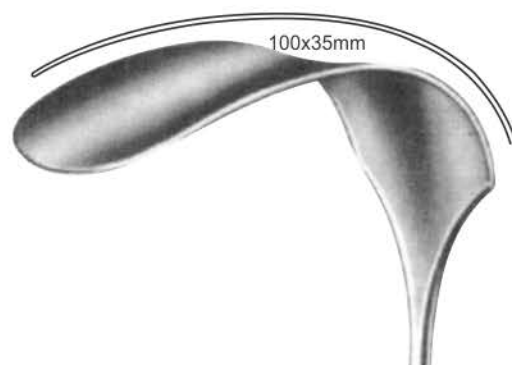
**ST11-373-01**



**ST11-373-02**



**ST11-373-03**



**ST11-373-04**



**ST11-374-01**  
90x50mm

**ST11-374-02**  
95x35

**ST11-374-03**  
150x50mm

**Mikulicz Retractors**  
26cm



**ST11-375-01**  
50 x 15 mm

**ST11-375-02**  
63 x 23 mm

**ST11-375-03**  
80 x 20 mm

**Sauerbruch Retractor**  
22.5 cm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |

**ST11-381-03**  
115 x 65 mm



**Coryllos Retractor**  
22.5 cm

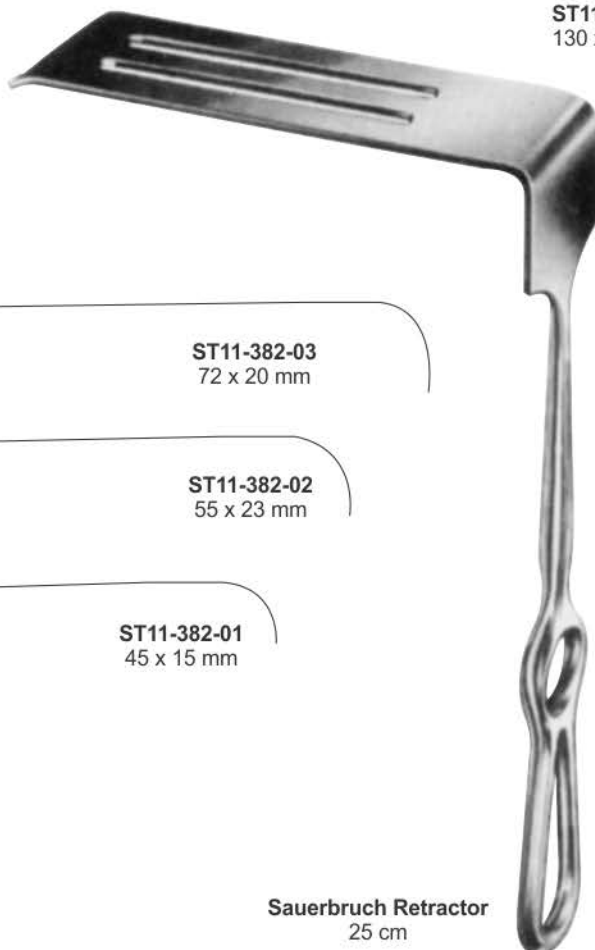
**ST11-381-02**  
115 x 38 mm



**ST11-381-01**  
82 x 22 mm



**ST11-382-04**  
130 x 38 mm



**Sauerbruch Retractor**  
25 cm

**ST11-382-03**  
72 x 20 mm

**ST11-382-02**  
55 x 23 mm

**ST11-382-01**  
45 x 15 mm

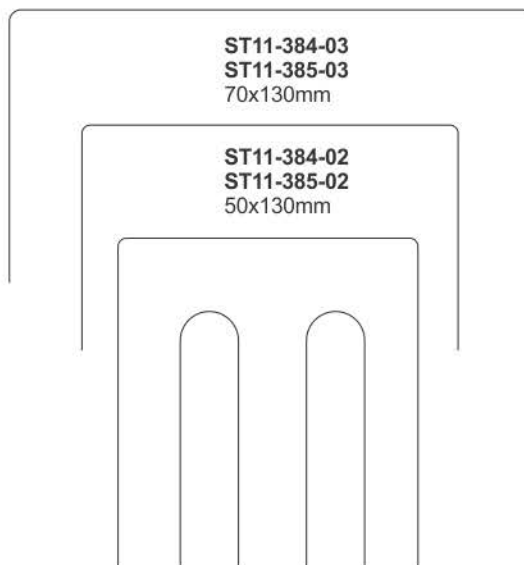


**Davidson Retractor**  
ST11-383-01 16 cm 75 x 50 mm  
ST11-383-02 16 cm 75 x 90 mm

**HAND RETRACTORS**



**Rehn Abdominal Retractors,**  
ST11-384-01  
ST11-384-02  
ST11-384-03  
25cm



ST11-384-03  
ST11-385-03  
70x130mm

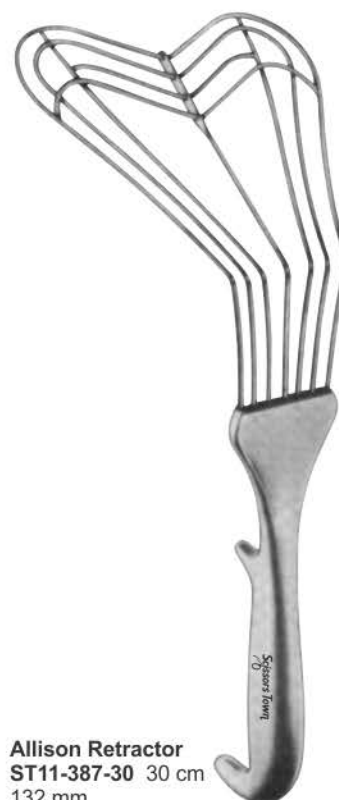
ST11-384-02  
ST11-385-02  
50x130mm

ST11-384-01  
ST11-385-01  
40x130mm

**Rehn Abdominal Retractors,**  
ST11-385-01  
ST11-385-02  
ST11-385-03  
bayonet shaped  
33cm



**Allison Retractor**  
ST11-386-30  
30 cm 40 mm  
ST11-386-32  
32 cm 54 mm  
lungenspatel Spatulas



**Allison Retractor**  
ST11-387-30 30 cm  
132 mm

Ecarteurs

Wundhaken

Divaricatori

Separadores



**Bruner Retractor**  
25 cm

**ST11-391-07**  
180 x 30 mm

**ST11-391-06**  
160 x 30 mm

**ST11-391-05**  
140 x 30 mm

**ST11-391-04**  
130 x 30 mm

**ST11-391-03**  
120 x 25 mm

**ST11-391-02**  
100 x 25 mm

**ST11-391-01**  
80 x 20 mm



**Hosel Retractor**  
25 cm

**ST11-392-01**  
60 x 20 mm

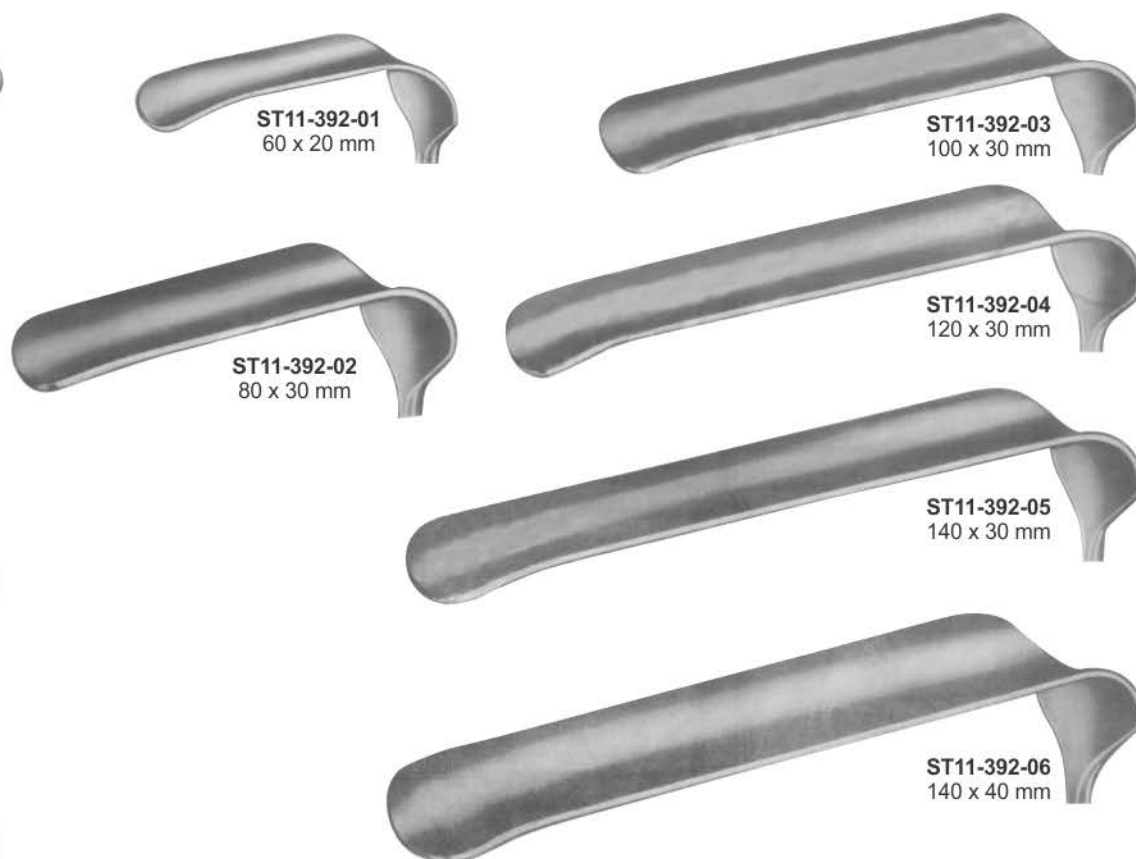
**ST11-392-02**  
80 x 30 mm

**ST11-392-03**  
100 x 30 mm

**ST11-392-04**  
120 x 30 mm

**ST11-392-05**  
140 x 30 mm

**ST11-392-06**  
140 x 40 mm





**Zenker Retractor**

**ST11-393-01**  
25 cm  
35 x 8 mm



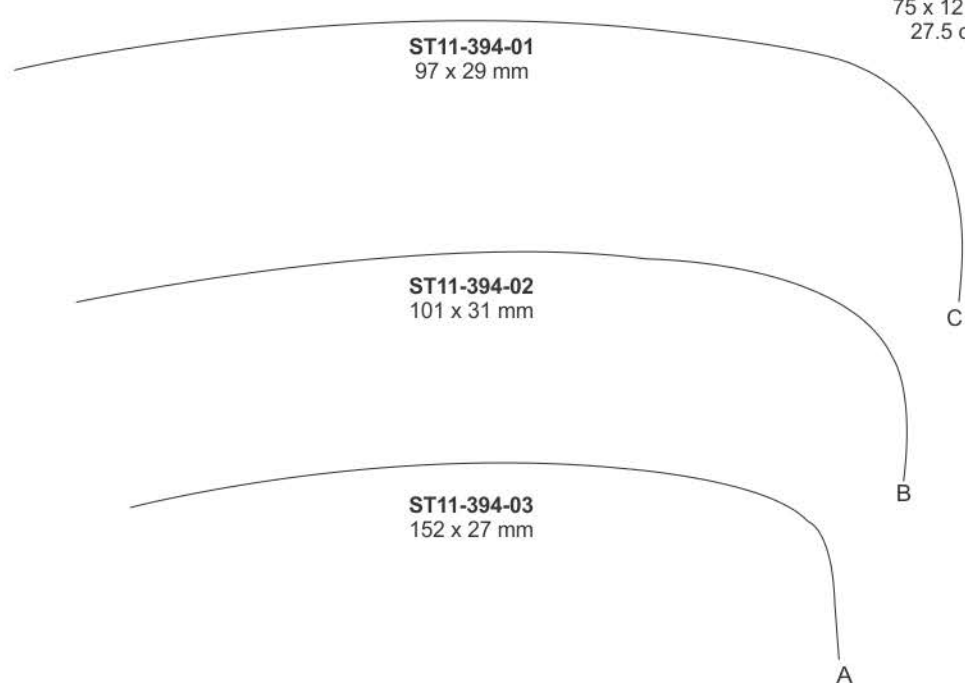
**ST11-393-02**  
26 cm  
60 x 12 mm



**ST11-393-03**  
75 x 12 mm  
27.5 cm



**Doyen-Stille Retractor**  
26 cm

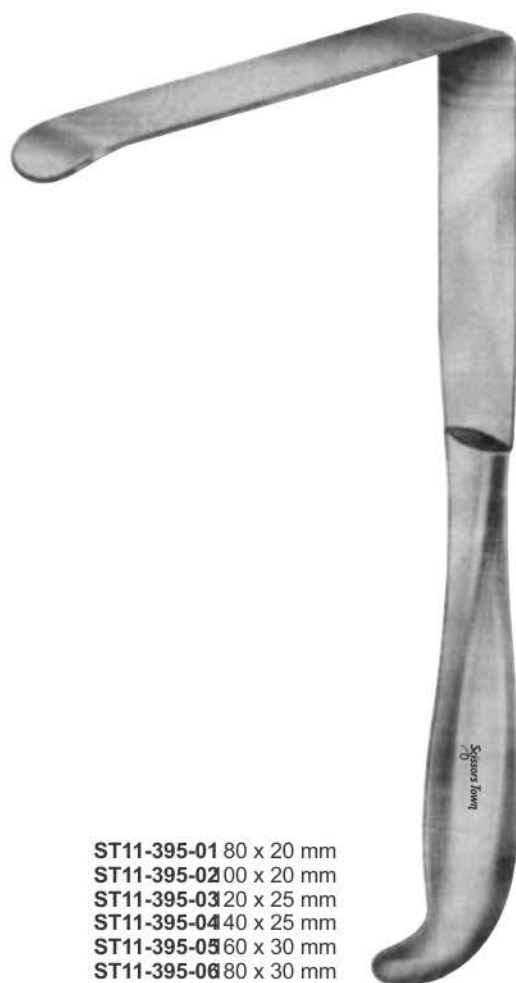
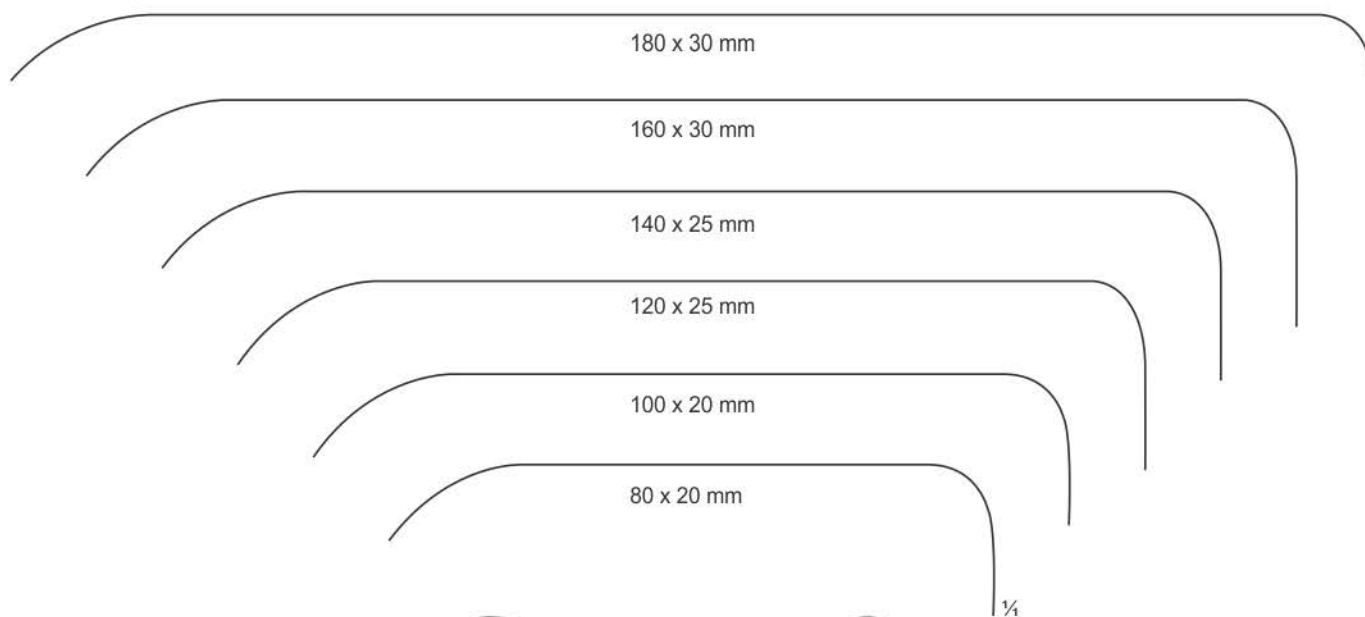


**ST11-394-01**  
97 x 29 mm

**ST11-394-02**  
101 x 31 mm

**ST11-394-03**  
152 x 27 mm

|              |             |
|--------------|-------------|
| Ecarteurs    | Wundhaken   |
| Divaricatori | Separadores |



ST11-395-01 80 x 20 mm  
ST11-395-02 100 x 20 mm  
ST11-395-03 120 x 25 mm  
ST11-395-04 140 x 25 mm  
ST11-395-05 160 x 30 mm  
ST11-395-06 180 x 30 mm

**Brunner Retractor**  
24 cm



ST11-396-01 80 x 20 mm  
ST11-396-02 100 x 20 mm  
ST11-396-03 120 x 25 mm  
ST11-396-04 140 x 25 mm  
ST11-396-05 160 x 30 mm  
ST11-396-06 180 x 30 mm

**Brunner Retractor**  
24 cm



|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |

38 mm



**Deaver Retractor**  
ST11-403-30 30 cm

50 mm

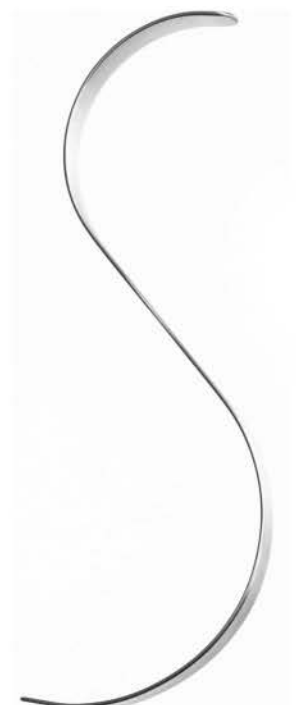


**Deaver Retractor**  
ST11-404-30 30 cm

75 mm



**Deaver Retractor**  
ST11-405-30 30 cm



**S-Shaped Retractor**  
ST11-406-21 21 cm  
12 mm



**Mikulicz Retractor**  
ST11-411-29 29 cm



**Tuffier Retractor**  
ST11-412-23 23 cm  
64 x 60mm



**Harrington Retractor**  
32 cm  
ST11-413-01  
127 x 40 mm  
ST11-413-02  
127 x 62 mm



**Harrington Extra Deep Retractor**  
ST11-414-30 30 cm  
Hollow handle,  
5.7 cm  
width x 20.5 cm  
depth blade



**Harrington Splanchnic Retractor**  
ST11-415-31  
31.5 cm  
Hollow handle,  
3.8 cm  
width x 12 cm  
depth blade



**Debakey-Cooley Retractor**  
ST11-416-31  
31cm  
Hollow handle,  
5.7 cm  
width x 18.4 cm  
depth blade

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Deaver Retractor**  
**ST11-417-25**  
31 cm  
25 mm



**Deaver Retractor**  
**ST11-417-38**  
31 cm  
38 mm



**Deaver Retractor**  
**ST11-417-50**  
30.5 cm  
50 mm



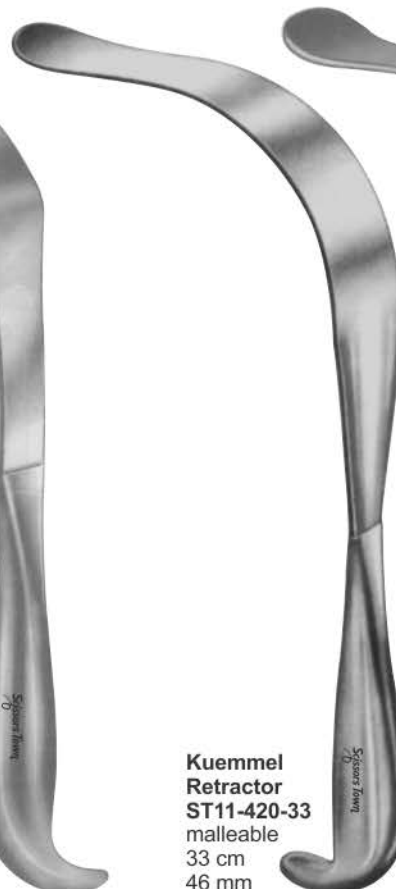
**Deaver Retractor**  
**ST11-417-75**  
31 cm  
75 mm



**Leriche Retractor**  
**ST11-418-25** 25 cm  
**ST11-418-27** 27.5 cm  
**ST11-418-31** 31 cm



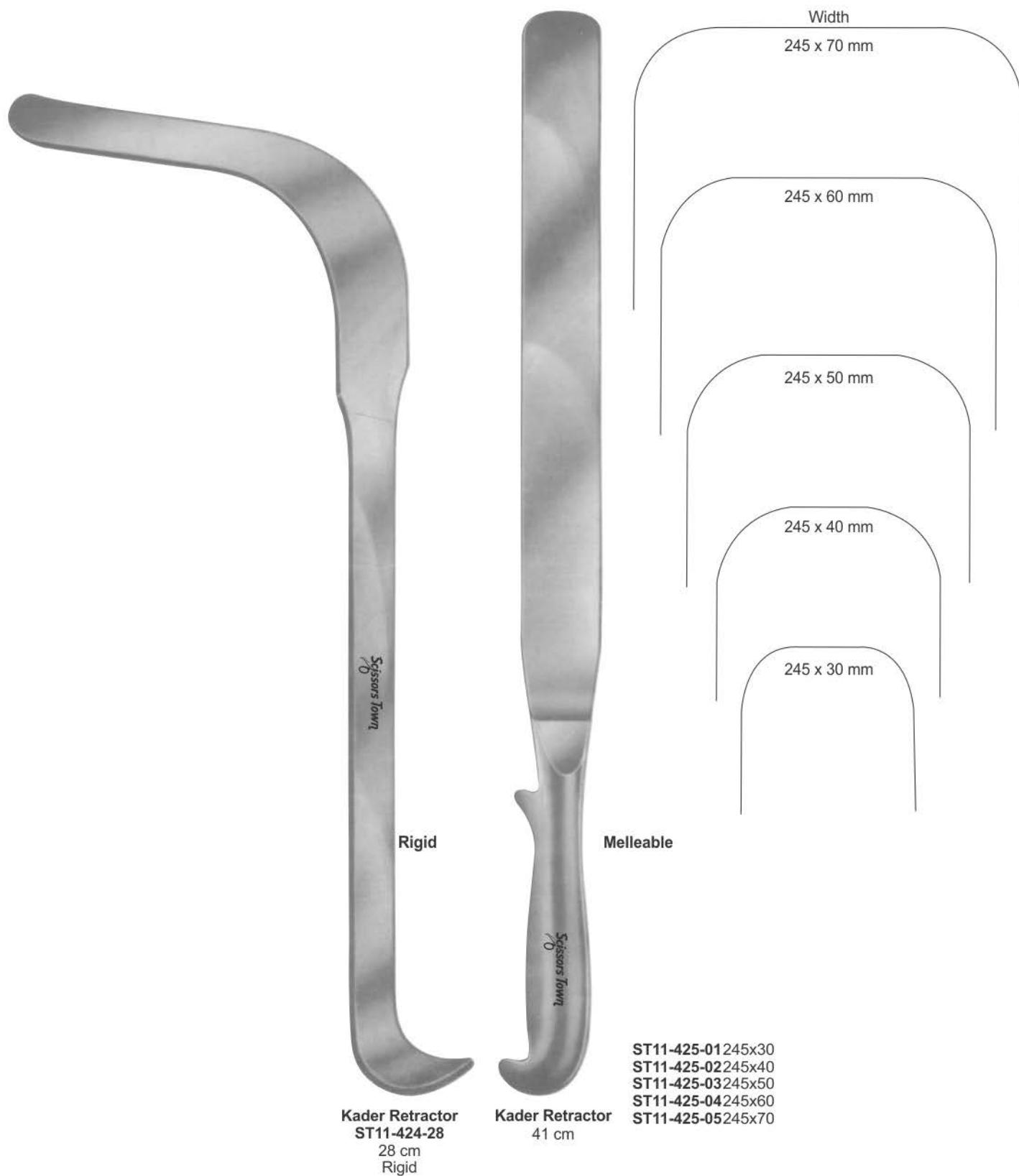
**Leriche Retractor**  
**ST11-419-33**  
33 cm



**Kummel Retractor**  
**ST11-420-33**  
malleable  
33 cm  
46 mm



**Kummel Retractor**  
**ST11-421-33**  
33 cm



|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |





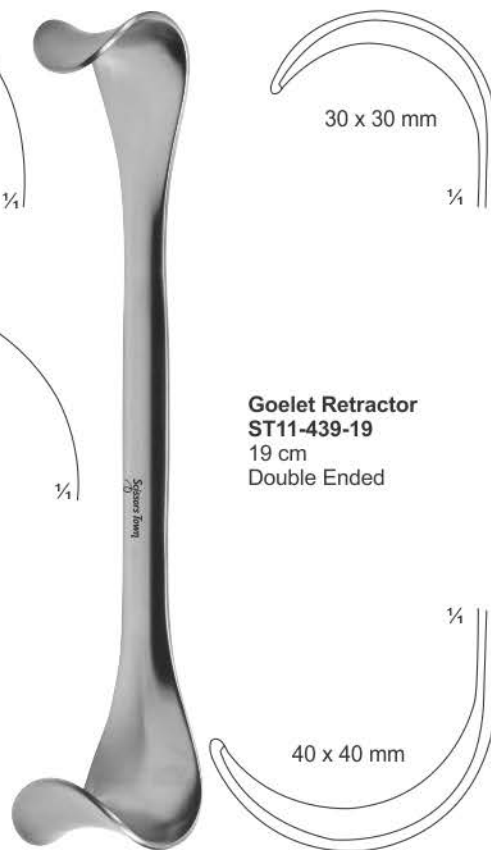
**Meyerding Retractor**  
22.5 cm  
75 x 25mm



**ST11-438-01**  
50 x 16mm



**ST11-438-02**  
75 x 15mm



**Goelet Retractor**  
**ST11-439-19**  
19 cm  
Double Ended



**Kaye-Millard Retractor**  
**ST11-440-08** 8 cm



**Richardson/Kelly**  
**Retractor**  
24 cm



**ST11-441-01**  
5 x 31mm



**ST11-441-02**  
19 x 51mm



**ST11-441-03**  
38 x 51mm



**ST11-441-04**  
64 x 76mm

*Ecarteurs* | *Wundhaken*  
*Divaricatori* | *Separadores*



**Ross Retractor**  
25.5 cm



**ST11-442-01**  
Fig.01



**ST11-442-02**  
Fig.02



**ST11-442-03**  
Fig.03



**ST11-442-04**  
Fig.04



**ST11-442-05**  
Fig.05



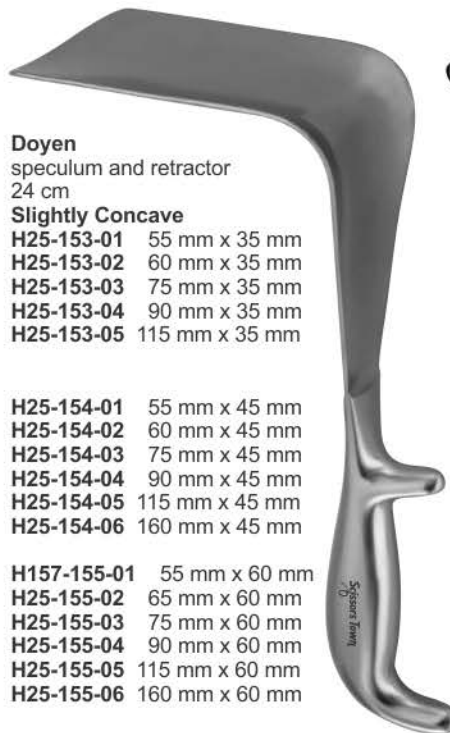
**ST11-442-06**  
Fig.06



**Weinberg Vagotomy Retractor (Joe's Hoe)**  
**ST11-443-20** 20 cm  
Blade 102 x 165 mm wide



**Turner-Doyen Retractors**  
23.5 cm  
**ST11-444-01**  
Blade 140 x 60 mm wide  
**ST11-444-02**  
Blade 76 x 140 mm wide  
**ST11-444-03**  
Blade 165 x 76 mm wide



**Doyen**  
speculum and retractor  
24 cm

**Slightly Concave**

|                   |                |
|-------------------|----------------|
| <b>H25-153-01</b> | 55 mm x 35 mm  |
| <b>H25-153-02</b> | 60 mm x 35 mm  |
| <b>H25-153-03</b> | 75 mm x 35 mm  |
| <b>H25-153-04</b> | 90 mm x 35 mm  |
| <b>H25-153-05</b> | 115 mm x 35 mm |

|                   |                |
|-------------------|----------------|
| <b>H25-154-01</b> | 55 mm x 45 mm  |
| <b>H25-154-02</b> | 60 mm x 45 mm  |
| <b>H25-154-03</b> | 75 mm x 45 mm  |
| <b>H25-154-04</b> | 90 mm x 45 mm  |
| <b>H25-154-05</b> | 115 mm x 45 mm |
| <b>H25-154-06</b> | 160 mm x 45 mm |

|                    |                |
|--------------------|----------------|
| <b>H157-155-01</b> | 55 mm x 60 mm  |
| <b>H25-155-02</b>  | 65 mm x 60 mm  |
| <b>H25-155-03</b>  | 75 mm x 60 mm  |
| <b>H25-155-04</b>  | 90 mm x 60 mm  |
| <b>H25-155-05</b>  | 115 mm x 60 mm |
| <b>H25-155-06</b>  | 160 mm x 60 mm |



**Doyen**  
speculum and retractor  
24 cm

**Medium Concave**

|                   |                |
|-------------------|----------------|
| <b>H25-156-01</b> | 55 mm x 35 mm  |
| <b>H25-156-02</b> | 75 mm x 35 mm  |
| <b>H25-156-03</b> | 90 mm x 35 mm  |
| <b>H25-156-04</b> | 115 mm x 35 mm |

|                   |                |
|-------------------|----------------|
| <b>H25-157-01</b> | 55 mm x 45 mm  |
| <b>H25-157-02</b> | 60 mm x 45 mm  |
| <b>H25-157-03</b> | 75 mm x 45 mm  |
| <b>H25-157-04</b> | 90 mm x 45 mm  |
| <b>H25-157-05</b> | 115 mm x 45 mm |

|                   |                |
|-------------------|----------------|
| <b>H25-158-01</b> | 55 mm x 60 mm  |
| <b>H25-158-02</b> | 60 mm x 60 mm  |
| <b>H25-158-03</b> | 75 mm x 60 mm  |
| <b>H25-158-04</b> | 90 mm x 60 mm  |
| <b>H25-158-05</b> | 115 mm x 60 mm |



**League Retractor**  
**ST11-448-27** 27 cm  
 35 x 90 mm  
 Bladder Spatula



**Kocher Retractor**  
**ST11-449-26** 26 cm  
 56 x 90 mm



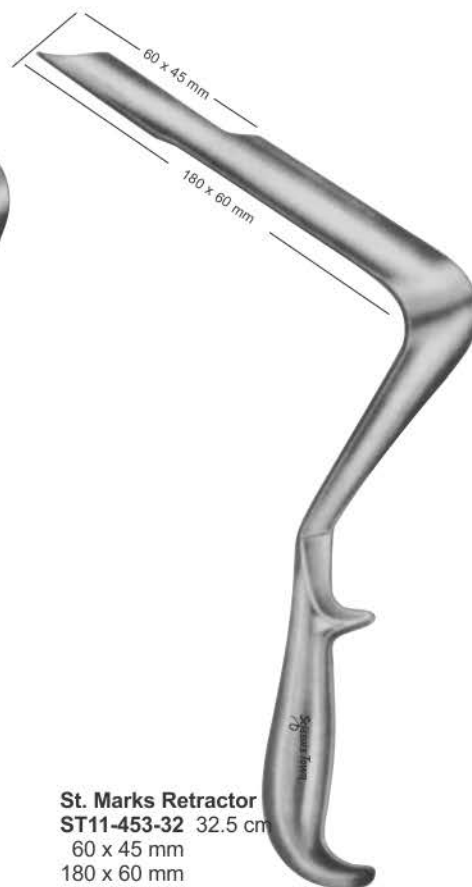
**Kocher Retractor**  
**ST11-450-26** 26 cm  
 65 x 90 mm



**St. Marks Retractor**  
**ST11-451-29** 29 cm  
 60 x 45 mm  
 180 x 60 mm

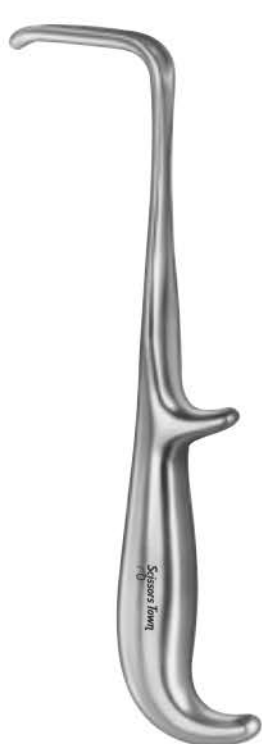


**St. Marks Retractor**  
**ST11-452-32** 32.5 cm  
 60 x 45 mm  
 180 x 60 mm



**St. Marks Retractor**  
**ST11-453-32** 32.5 cm  
 60 x 45 mm  
 180 x 60 mm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Young Retractor**  
**ST11-454-22** 22 cm  
11x50mm  
Prostatic Retractors



**Young Retractor**  
**ST11-455-22** 22 cm  
38x64mm



**Young Retractor**  
**ST11-456-32** 22 cm  
25x25mm



**Young Retractor**  
**ST11-457-22** 22 cm  
39x35mm



**Cooley Retractor**  
**ST11-461-25**  
25 cm  
Right



**Cooley Retractor**  
**ST11-462-27**  
27 cm  
Left



**Cooley Retractor**  
**ST11-463-25**  
25 cm  
Right - Serrated



**Sawyer Retractors**

**ST11-466-01**

Small Blade 70mmx19mm wide, 23cm

**ST11-466-02**

Medium Blade 82mmx29mm wide, 25cm

**ST11-466-03**

Large Blade 22mmx64mm, 28cm

**ST11-466-04**

Large Blade 38mmx89mm, 28cm



**Ferguson-Moon Rectal Retractors**

**ST11-467-01**

Blade 60mmx24mm wide

23 cm

**ST11-467-02**

Blade 75 mm x 35 mm wide

25 cm



**Hill Ferguson Rectal Retractors**

**ST11-468-01**

Blade 64 mm x 24 mm wide

23 cm

**ST11-468-02**

Blade 76 mm x 32 mm wide

23 cm

**ST11-468-03**

Blade 76 mm x 35 mm wide

25 cm



**Mayo Abdominal Retractor**

**ST11-469-25** 25 cm

69 x 254 mm



**C.W. Mayo Abdominal Retractor**

**ST11-470-70** 25.5 cm

Blade 70 mm wide.

**ST11-470-79** 24.5 cm

Blade 79 mm wide.



**Brewster Retractor**

24 cm

**ST11-471-01** Fig.1, 19 x 38 mm

**ST11-471-02** Fig.2, 45 x 25 mm

**ST11-471-03** Fig.3, 50 x 45 mm

**ST11-471-04** Fig.4, 57 x 45 mm

**ST11-471-05** Fig.5, 64 x 45 mm



Fig. 1



Fig. 2



Fig. 3



Fig. 4

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Kelly Retractor**

ST11-472-01 23 cm 38 x 50 mm  
ST11-472-02 24 cm 50 x 64 mm  
ST11-472-03 25 cm 64 x 76 mm  
ST11-472-04 26 cm 69 x 82 mm



**Sims-Kelly Retractor**  
24 cm

ST11-473-01 57 x 25 mm  
ST11-473-02 69 x 45 mm  
ST11-473-03 76 x 38 mm



**Zaikind Lung Retractor**  
25 cm

ST11-474-01 Malleable 50 x 305 mm  
ST11-474-02 Malleable 76 x 305 mm



**De Lee Corner Retractors**

ST11-475-01 23.5 cm  
Right Blade 70 x 51 mm wide  
ST11-475-02 23.5 cm  
Left Blade 70 x 51 mm wide



**De Lee Universal Retractors**

ST11-476-23 23.5 cm  
Blade 70 mm x 51 mm wide



**Tauber Vaginal Spatula**

ST11-477-23 23.5 cm  
Blade 89 x 35 mm wide



**ST11-478-01**  
25 cm  
35 x 8 mm

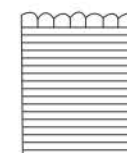
**ST11-478-02**  
26.5 cm  
60 x 12 mm

**ST11-478-03**  
27.5 cm  
75 x 12 mm

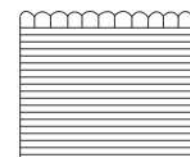
**ST11-478-04**  
28.5 cm  
85 x 20 mm

**ST11-478-05**  
30.5 cm  
100 x 25 mm

**Zenker Retractor**



**ST11-479-01**  
15 X 15 mm

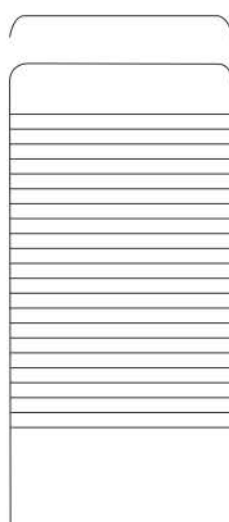


**ST11-479-02**  
15 X 23 mm

**Crawford Retractor**  
19 cm



**ST11-480-01**  
20 mm



**ST11-480-02**  
30 mm



**ST11-480-03**  
40 mm

**Kader Retractor**  
27.5 cm

Retradores, Espéculos Oculares  
Divaricatori, speculum oculari

Retraktoren, Augenspekulums  
Écarteurs, spéculums oculaires



**Spring Retractors**  
1x1 prong, sharp  
ST11-501-01 8.5cm  
ST11-501-02 11.5cm



**Spring Retractors**  
3x3 prong  
ST11-502-01 8.5cm  
ST11-502-02 11.5cm



**Farr Wire Retractor**  
ST11-503-14 14 cm  
prongs 1.9 cm



**Wire Retaining Retractor**  
8.5cm  
ST11-504-01 3 x 3 Prong  
ST11-504-02 1 x 1 Prong Sharp



**Spring Retractors**  
1x1 prong, sharp  
with ratchet  
ST11-505-10 10.5cm



**Heiss Retractor**  
ST11-506-10 10 cm  
Sharp 4x4 prongs  
ST11-507-10 10 cm  
Blunt 4x4 prongs



**Finsen Retractor**  
ST11-508-07 7 cm  
3 x 4 teeth, sharp  
ST11-509-07 7 cm  
3 x 4 teeth, Blunt



**Finsen Retractors**  
5cm, 2x3 prongs  
ST11-510-05 sharp  
ST11-511-05 blunt



**Finsen Retractors**  
7cm, 3x4 prongs  
ST11-512-07 sharp  
ST11-513-07 blunt



**Stevenson Retractor**  
ST11-514-07  
3x3 sharp prongs,  
7.5cm



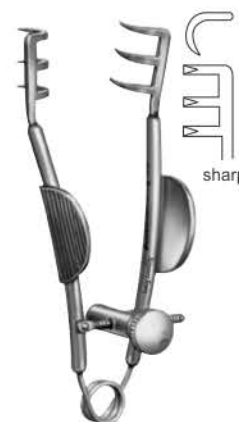
**Agricola Retractor**  
ST11-515-04  
3x3 sharp prongs,  
4cm



**Logan (Goldstein) Retractor**  
ST11-516-03  
3x3 sharp prongs,  
15mm spread,  
3.5cm



**Lancaster Eye Speculum**  
ST11-517-08  
8.3 cm blades 15 X 5 mm



**Buckley Retractor**  
ST11-518-06 6 cm

Self-Retaining Retractors



**Castroviejo Eye Speculum**  
ST11-519-09  
9.5 cm medium blades  
15 X 5 mm O.D.



**ALM Retractor**  
ST11-520-07 7 cm  
4 x 4 teeth sharp prongs  
ST11-521-07 7 cm  
4 x 4 teeth Blunt prongs



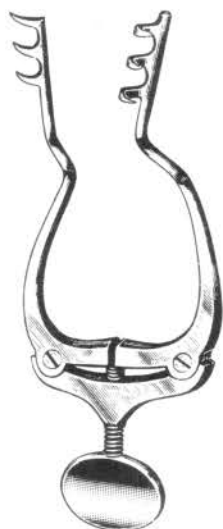
**ALM Retractor**  
ST11-522-10 10 cm  
4 x 4 teeth sharp prongs  
ST11-523-10 10 cm  
4 x 4 teeth Blunt prongs



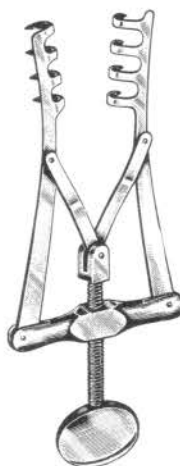
**Jansen Retractor**  
ST11-524-10 10 cm  
Sharp 3x3  
ST11-525-10 10 cm  
Blunt 3x3



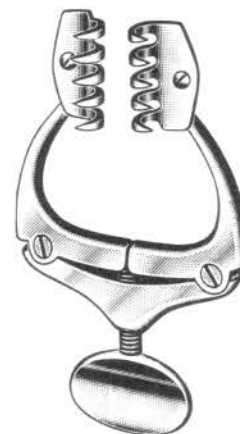
**Jansen Scalp Retractor**  
ST11-526-11  
4x4 blunt prongs,  
65mm spread,  
11cm



**Gifford-Jansen Mastoid**  
ST11-527-10  
Retractor, bayonet-shaped  
branches, 3x3 sharp prongs,  
50mm spread,  
10cm



**Allport Retractor,**  
ST11-528-10  
4x4 semi-sharp prongs,  
18mm wide x5mm deep,  
40mm spread,  
total length 10cm

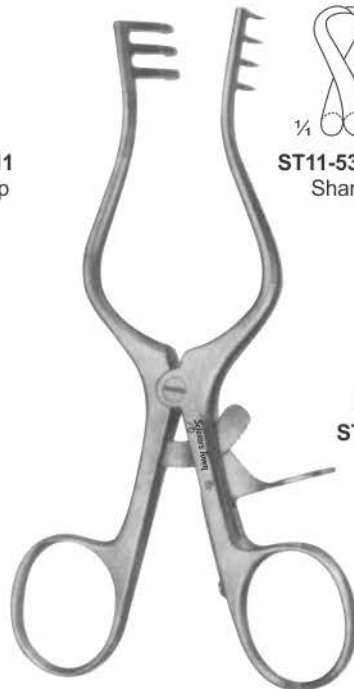
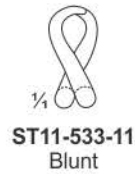


**Wagner-Jansen Retractor,**  
ST11-529-10  
swivel blades with 5x5 sharp  
prongs, opens to 60mm  
10cm

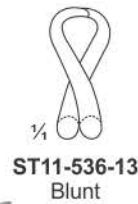
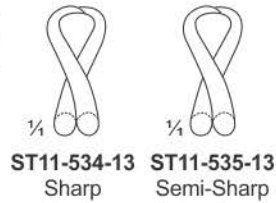
|              |             |
|--------------|-------------|
| Ecarteurs    | Wundhaken   |
| Divaricatori | Separadores |



**Weitlaner Retractor**  
11cm



**Weitlaner Retractor**  
13cm



**Weitlaner Retractor**  
ST11-537-16 16.5 cm  
Sharp



**Weitlaner-Loktite**  
10.5 cm  
ST11-539-10 Sharp  
ST11-540-10 Blunt



**Weitlaner-Wullstein Retractors**  
13cm  
ST11-541-13  
3x3 sharp prongs, 12mm deep  
ST11-542-13  
3x3 Blunt prongs, 12mm deep



**Wullstein Retractor**  
ST11-543-13 Sharp  
ST11-544-13 Blunt



**Mollison Retractor**  
ST11-545-15 15 cm  
sharp



**Weitlaner Retractors**  
20cm  
3x4 prongs  
**ST11-547-20** Sharp  
**ST11-548-20** Blunt



**Weitlaner Retractors**  
24cm  
3x4 prongs  
**ST11-549-24** Sharp  
**ST11-550-24** Blunt



**Weitlaner Retractors**  
24cm  
5x6 prongs  
**ST11-551-24** Sharp  
**ST11-552-24** Blunt



**Milligan Retractor**  
**ST11-554-13** 13 cm  
18.5 mm x 20 mm  
Blunt, 3x3



**Schuhknecht Retractor**  
**ST11-559-14** Sharp  
**ST11-560-14** Blunt  
3x3 prongs  
14 cm



**Bellucci**  
**ST11-561-13**  
13cm  
3x3 sharp prongs, 20mm deep



**Anderson-Adson Retractor**  
**ST11-563-19** 19 cm  
Sharp



**Adson Retractor**  
**ST11-565-19** 19 cm sharp  
4 X 4 teeth straight Arms

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Adson Retractor**  
3x4 prongs  
26.5cm  
ST11-571-26 sharp  
ST11-572-26 blunt



**Adson Retractor**  
5x6 prongs  
26.5cm  
ST11-573-26 sharp  
ST11-574-26 blunt



**Adson Hemilaminectomy Retractor**  
6x6 sharp prongs  
26.5cm  
ST11-575-26



**Adson Hemilaminectomy Retractor**



6x6 sharp prongs  
26.5cm  
ST11-577-26 left 14mm deep  
right 32mm deep  
ST11-578-26 left 32mm deep  
right 14mm deep



**Travers Retractor**  
ST11-580-21  
21 cm, Blunt



**Miskimon Retractor**  
ST11-581-22 22 cm  
33 mm x 38 mm  
Sharp, 7x7



**Norfolk & Norwich Retractor**  
ST11-582-22 22 cm  
Blunt



**Walton Retractor**  
ST11-583-18 Sharp  
ST11-584-18 Blunt  
18 cm



**Kolbel Soft Tissue Retractor**  
ST11-585-18 18 cm  
Angled, 2 x 2 Pronged



**Meyerding Retractor**  
16.5cm  
ST11-586-01 24 cm Large Blade  
9 cm X 5 cm  
ST11-586-02 24 cm Small Blade  
5 cm X 1.5 cm



**D'Errico-Adson Retractor**  
ST11-587-19 19 cm  
4 X 4-pronged  
2 cm depth blade  
Sharp



**Markham/Meyerding Retractor**  
ST11-589-18 18 cm  
Blade 55 x 25 mm Left



**Markham/Meyerding Retractor**  
ST11-590-18 18 cm,  
Blade 55 x 25 mm Right



**Darling Laminectomy Retractors**  
18cm  
ST11-591-01  
40 x 76/25 x 54 mm  
ST11-591-02  
25 x 64/40 x 76 mm  
1 blade toothed



**Scalp-Contour Retractor**  
ST11-593-14 Sharp  
ST11-594-14 Blunt  
14 cm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Bellucci**  
ST11-597-11 11cm  
left arm with 2 blunt prongs  
right arm with blade, 15mm deep



**Bellucci**  
ST11-598-11 11cm  
right arm with 2 blunt prongs  
left arm with blade, 15mm deep



**Plester Retractor**  
13 cm  
ST11-599-13  
2 x 2 teeth sharp prongs  
ST11-600-13  
2 x 2 teeth blunt prongs



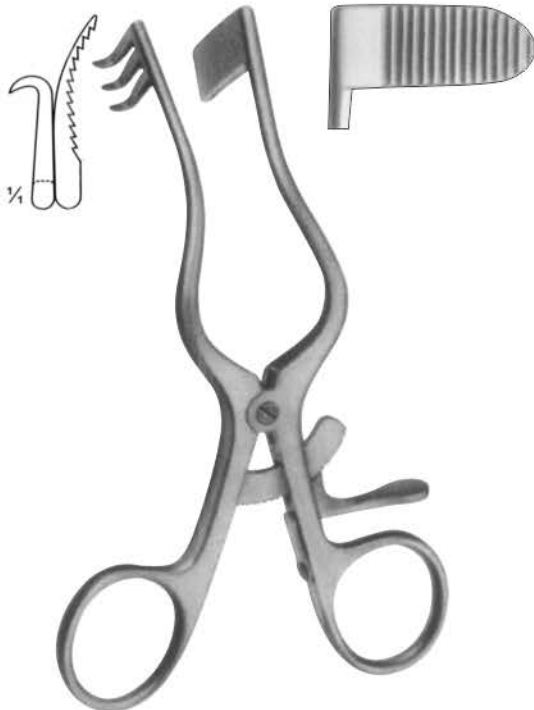
**Plester Retractor**



ST11-601-11  
11 cm  
Fig. 1 Blunt  
left solid blade



ST11-602-11  
11 cm  
Fig. 2 Blunt  
right solid blade



**Perkins Retractor**  
13 cm  
ST11-603-13 solid blade left  
ST11-604-13 solid blade right



**Righby Retractor**  
ST11-605-0135 x 20 mm  
ST11-605-0260 x 20 mm  
ST11-605-0365 x 15 mm  
18 cm



**Tuebinger Modell Retractor**  
ST11-606-16 16 cm



**Beckman-Weitlaner Retractor**  
ST11-607-16 16.5 cm  
3 x 4 Sharp prongs



**Beckman-Weitlaner Retractor**  
ST11-608-16 16.5cm  
3 x 4 Blunt prongs



**Cone Retractor**

ST11-609-01 13 cm  
3x4 Blunt prongs  
13 mm x 14.5 mm  
ST11-609-02 16.5 cm  
17 mm x 19 mm  
3x4 Sharp prongs,  
ST11-609-03 16.5 cm  
17 mm x 19 mm  
3x4 Blunt prongs,  
ST11-609-04 20 cm  
21 mm x 21 mm  
3x4 Blunt prongs,



**Beckman Retractor**  
ST11-611-31 31.5 cm  
Spread 3.5cm 4 x 4  
Sharp prongs, Arm length  
8.5cm



**Beckman Retractor**  
ST11-612-31 31 cm  
4 x 4 Sharp prongs 27mm  
Side Blade 1.7cm deep



**Beckman Retractor**  
ST11-613-31 31 cm  
4 x 4 Blunt prongs 27mm  
Side Blade 1.7cm deep



**Horizontal Retractor**  
ST11-615-33 33 cm



**Adson-Baby Retractor**  
ST11-618-14 14 cm  
Blunt



|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Adson Retractor**  
**ST11-621-32** 32 cm  
semi-sharp  
4 x 5 teeth  
26 mm



**Adson Retractor**  
**ST11-622-33** 33 cm  
4 x 5 Blunt prongs 42mm



**Beckman-Adson Retractor**  
**ST11-624-33** 33cm  
4 x 4 Blunt & sharp prongs,  
3.2cm deep



**Beckmann-Adson Retractor**  
**ST11-623-31**  
31 cm  
Semi-Sharp



**Beckman-Eaton Retractor**  
**ST11-625-31** 31 cm  
7 x 7 Sharp  
prongs 40 x 48mm



**Knighthon Retractor**  
**ST11-627-18** Sharp  
**ST11-628-18** Blunt  
18 cm



**Richter Retractor**  
**ST11-629-16**  
16.5 cm



**Joll (Friedman)**  
**ST11-630-15** 15.5 cm  
Thyroid- and Vaginal Retractor



**Gelpe Retractor**

Sharp

ST11-641-01 14 cm, 10 mm

ST11-641-02 16 cm, 10 mm

ST11-641-03 19 cm, 10 mm



**Gelpe Retractor**

Sharp, Cross Over

ST11-642-01 14 cm, 10 mm

ST11-642-02 16 cm, 10 mm

ST11-642-03 19 cm, 10 mm



**Gelpe Skin & Vaginal Retractor**

ST11-643-17 17.5 cm



**De Bakey Femur Retractor**

ST11-644-12 12 cm

ST11-644-17 17 cm



**Gelpe-Perineal Retractor**

ST11-645-17 17.5 cm

ball stops on sharp tenaculum prongs,  
arm length 12 cm



**Seletz-Gelpe Retractor**

ST11-646-17 17.5cm

modified with long  
curve in shanks



**Jackson Burrows Retractor**

ST11-647-18 18.5 cm

Blunt



**Wiltse-Gelpe Retractor**

ST11-648-27 27.5 cm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



## Multipurpose Retractor Complete

**ST11-670-00**

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



## Improved Henly Retractor With Straight Arms

**ST11-672-00**

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



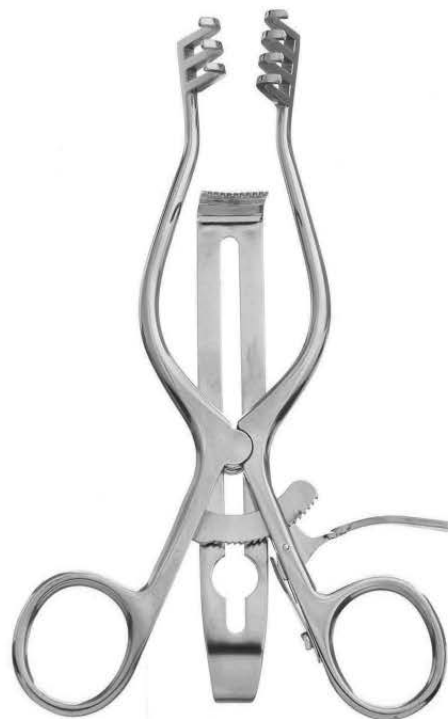
**Improved Henly Retractor With Arms Spread Outward**  
**ST11-674-00**

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**  
**ST11-676-16** 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



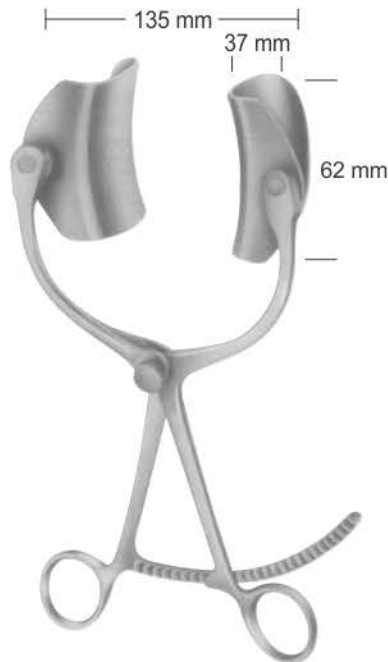
**Henly Retractor**  
**ST11-678-16** 16cm Blunt

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

*Ecarteurs* | *Wundhaken*  
*Divaricatori* | *Separadores*



**Baby-Collin Retractor**  
**ST11-680-00**  
with 2 pair of blades



**Collin Retractor**  
**ST11-682-00**  
complete

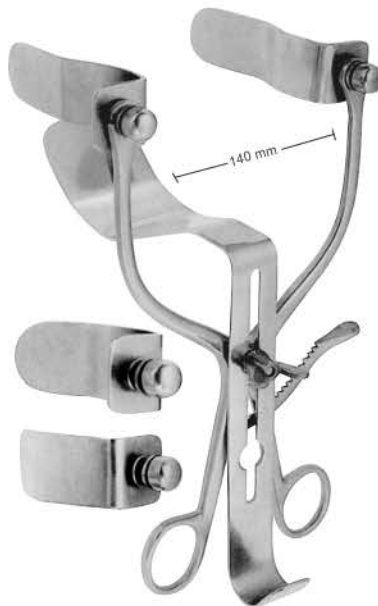


**Collin Retractor**  
**ST11-684-00**  
Spreader Only

|               |                    |                    |                    |
|---------------|--------------------|--------------------|--------------------|
| Lateral blade | <b>ST11-684-01</b> | <b>ST11-684-02</b> | <b>ST11-684-03</b> |
|               | 37x62mm            | 37x80mm            | 37x98mm            |
| Center blade  | <b>ST11-685-01</b> | <b>ST11-685-02</b> | <b>ST11-685-03</b> |
|               | 54x55mm            | 54x67mm            | 52x76mm            |



**Legueu Retractor**  
**ST11-686-17** 17 cm



**Collin Retractor**  
**ST11-688-00** Complete  
**ST11-688-01** Spreader only  
**ST11-688-02** Blades 55 x 25 mm  
**ST11-688-03** Blades 80 x 25 mm  
**ST11-688-04** Center Blade  
**ST11-688-05** 15 x 45 mm



Sizes of These  
Blades to Same  
as about Blades.

Center Blade  
**ST11-694-01** 45 x 80 mm  
**ST11-694-02** 70 x 85 mm

**ST11-696-01**  
Center Blade  
100 x 60 mm



**Ricard Retractor**  
**ST11-698-00** Complete  
**ST11-698-01** Spreader only  
**ST11-698-01** Lateral blade 58x80mm 54x70mm  
**ST11-698-02** Center blade 72x84mm 72x90mm



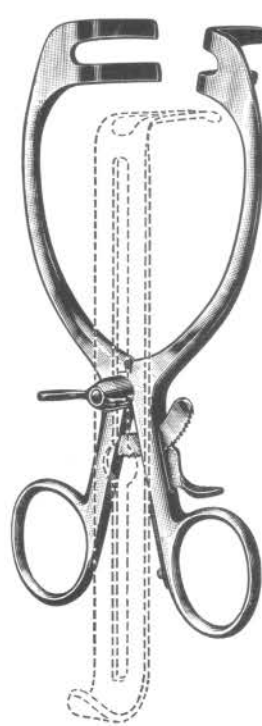
**Holzbach Retractor**  
**ST11-700-00** Complete  
**ST11-700-01** Spreader only  
**ST11-700-02** Lateral blade 59x80mm  
**ST11-700-03** Center blade 74x82mm



**Doyen Retractor**  
**ST11-702-01** 48 mm x 90 mm  
**ST11-702-02** 48 mm x 105 mm  
**ST11-702-03** 48 mm x 120 mm  
**ST11-702-04** 48 mm x 135 mm  
 28 cm



**Rochard Retractor**  
**ST11-704-01** 48 mm x 90 mm  
**ST11-704-02** 48 mm x 105 mm  
**ST11-704-03** 48 mm x 120 mm  
**ST11-704-04** 48 mm x 135 mm  
**ST11-704-05** 48 mm x 155 mm  
 31 cm



**Mayo-Adams Retractor**  
**ST11-706-17** 17 cm  
 2 x 2 teeth blunt



**Houzel Retractor**  
**ST11-708-29** 29 cm



ST11-710-03



ST11-710-02

**Millin**

- ST11-710-00 Complete
- ST11-710-01 Spreader only
- ST11-710-02 Blades 55x25mm
- ST11-710-03 Blades 80x25mm
- ST11-710-04 Center Blade 115x45mm

ST11-710-04

110 mm



**Cloward Modif Retractor**  
ST11-718-00 25cm  
Spreader Only



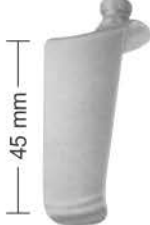
ST11-718-01



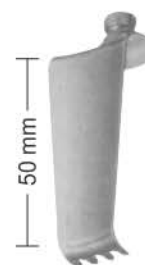
ST11-718-02



ST11-718-06



ST11-718-07



ST11-718-03



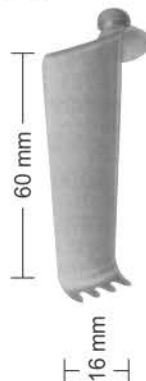
ST11-718-04



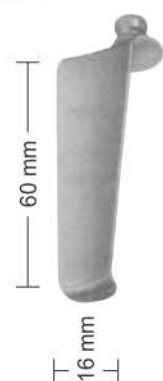
ST11-718-08



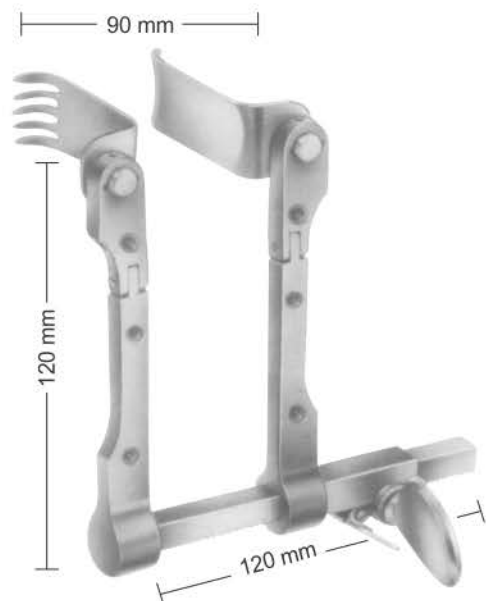
ST11-718-09



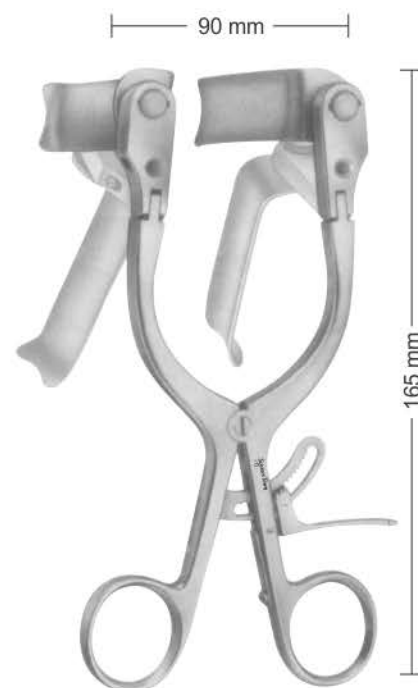
ST11-718-05



ST11-718-10



**Caspar Retractor  
ST11-730-00**  
Retractor, adjustable,  
consisting of: 5 medial  
blades, 5 Lateral blades.



**Caspar Retractor  
ST11-731-00**  
Counter retractor, adjustable,  
consisting of: 5 medial blades,  
5 lateral blades.



**ST11-732-40** 40 x 23 mm  
**ST11-732-45** 45 x 23 mm  
**ST11-732-50** 50 x 23 mm  
**ST11-732-55** 55 x 23 mm  
**ST11-732-60** 60 x 23 mm  
Medial blades



**ST11-733-40** 40 x 23 mm  
**ST11-733-45** 45 x 23 mm  
**ST11-733-50** 50 x 23 mm  
**ST11-733-55** 55 x 23 mm  
**ST11-733-60** 60 x 23 mm  
Lateral blades



**ST11-734-40** 40 x 23 mm  
**ST11-734-45** 45 x 23 mm  
**ST11-734-50** 50 x 23 mm  
**ST11-734-55** 55 x 23 mm  
**ST11-734-60** 60 x 23 mm  
Blunt blades



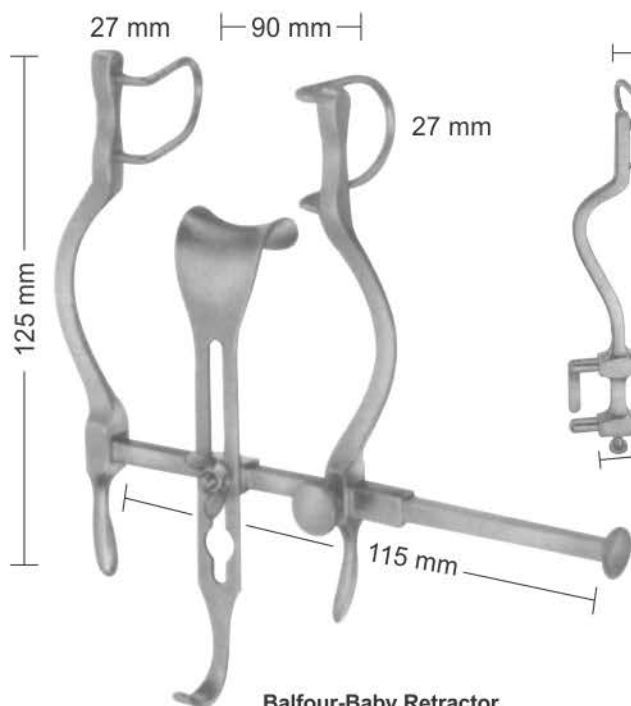
**ST11-735-50** 50 x 25 mm  
**ST11-735-55** 55 x 25 mm  
Blunt blades,  
for harvesting of the  
fusion graft from the  
iliac crest

Ecarteurs

Wundhaken

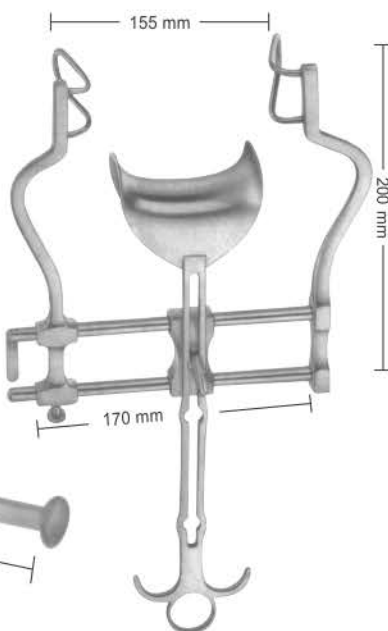
Divaricatori

Separadores



**Balfour-Baby Retractor  
ST11-746-00**

Lateral Blades 27 mm deep  
Center blade 21 x 24 mm



**Balfour Retractor  
ST11-748-00**

Lateral blades 60 mm deep  
Center blade 47 x 80 mm

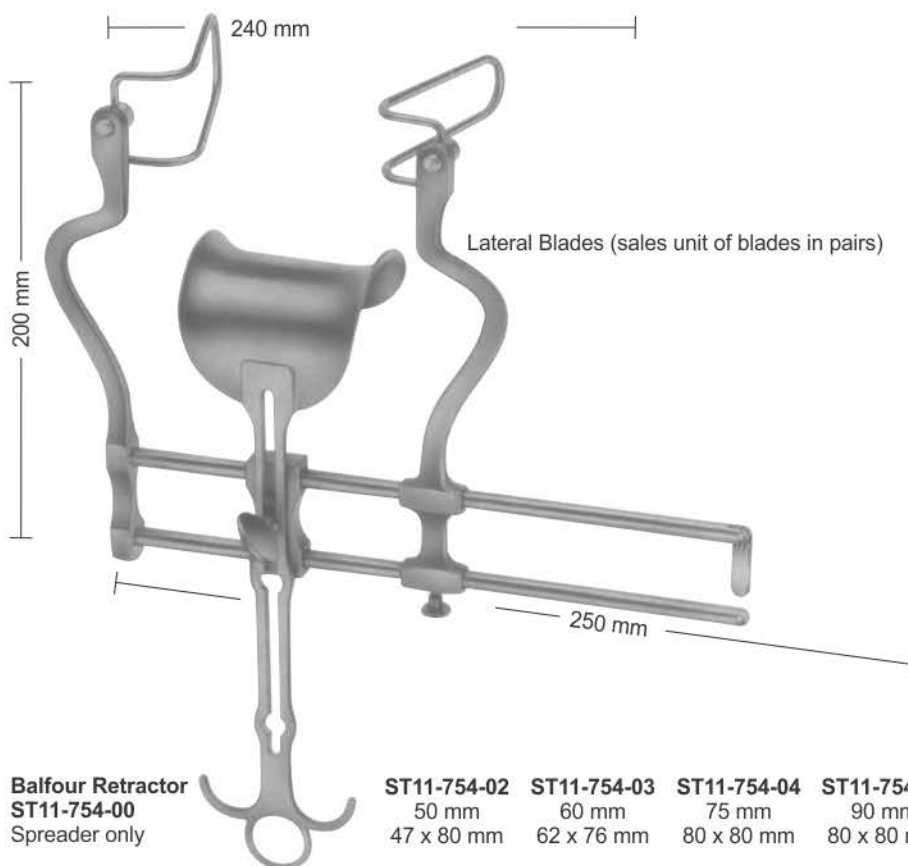


**Balfour  
ST11-750-00**

Abdominal Retractor spreading 180mm,  
lateral blades 70 x 35mm, 1 central blade  
20 cm

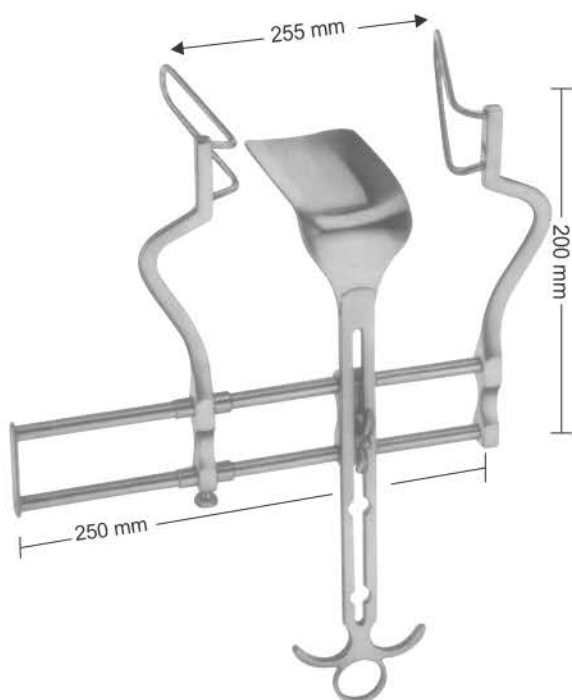


**ST11-754-01**  
Center blade only  
54 x 80 mm



**Balfour Retractor  
ST11-754-00**  
Spreader only

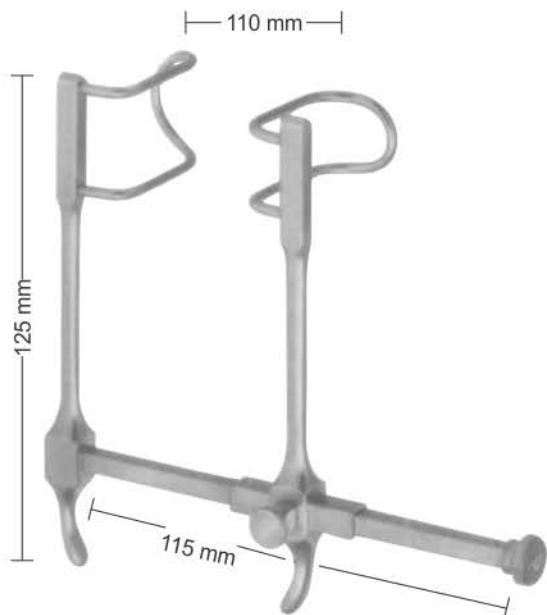
| ST11-754-02 | ST11-754-03 | ST11-754-04 | ST11-754-05 |
|-------------|-------------|-------------|-------------|
| 50 mm       | 60 mm       | 75 mm       | 90 mm       |
| 47 x 80 mm  | 62 x 76 mm  | 80 x 80 mm  | 80 x 80 mm  |



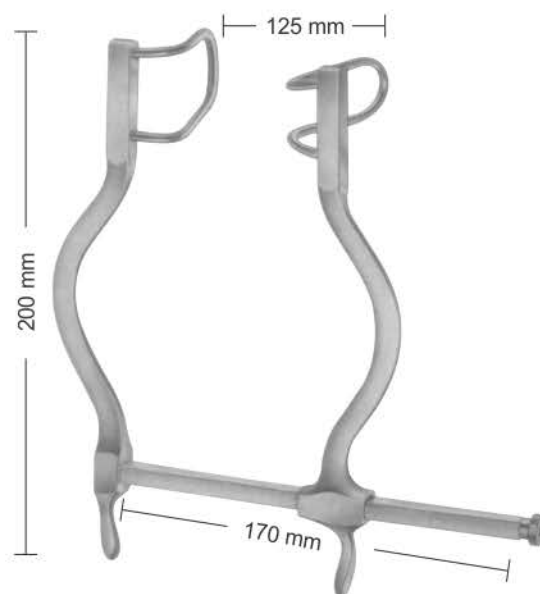
**Balfour Retractor**  
**ST11-752-00**  
 Lateral blades 105 mm deep  
 Center blade 107 x 59 mm



**Gosset Retractor**  
**ST11-758-00**  
 Center Blades 40 x 30 mm

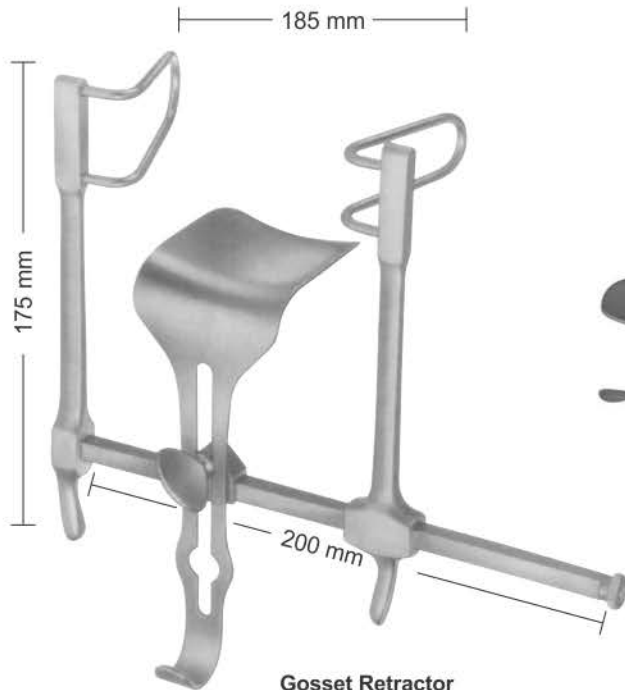


**Gosset Retractor**  
**ST11-760-00**  
 Blades: 38 mm deep



**Gosset Retractor**  
**ST11-762-00**  
 Blades: 55 mm deep

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Gosset Retractor**  
**ST11-764-00**  
Lateral Blades 58 mm deep  
Center blade 59 x 57 mm



**O'Sullivan - O'Connor**  
**Vaginal Retractor**  
**ST11-770-00** Set of 3 Complete



**ST11-770-01**  
45 x 17 mm

**ST11-770-02**  
90 x 37 mm



**ST11-770-03**  
90 x 45 mm



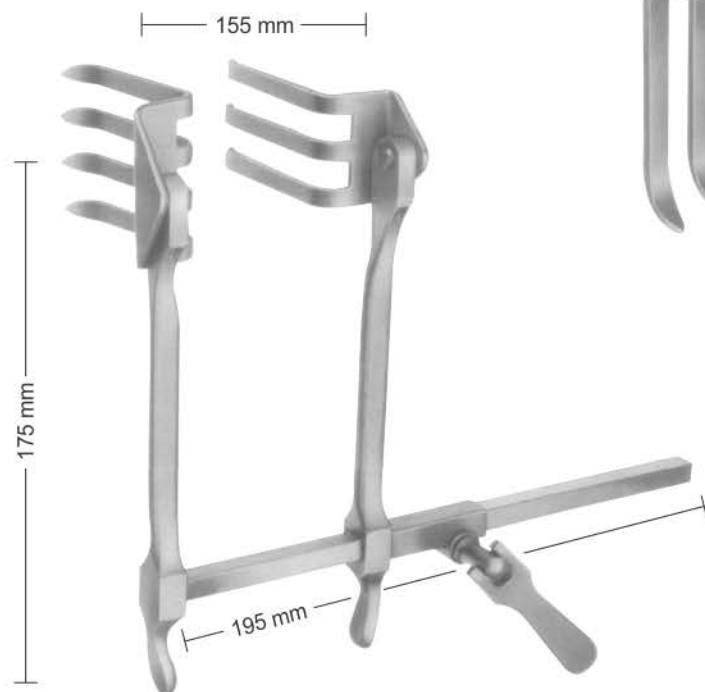
**O'Sullivan/O'Connor Retractor**  
**ST11-772-00** (Set includes frame & 3 blades)  
**ST11-772-01** Frame Only (not pictured)



**ST11-772-02**  
Single Retractor Blade  
110 x 70 mm



**ST11-772-03**  
Set of 2 Retractor Blade  
80 x 45 mm



**Scoville-Richter Retractor**  
**ST11-776-00** Complete with 1 pair blades.  
**ST11-776-01** Frame only.  
 The Retractor bar and shanks may be easily rotates 180 when blades are in situ.



**ST11-776-02**  
 62 x 52 mm



**ST11-776-03**  
 62 x 37 mm



**ST11-776-04**  
 47 x 51 mm



**ST11-776-05**  
 30 x 40 mm

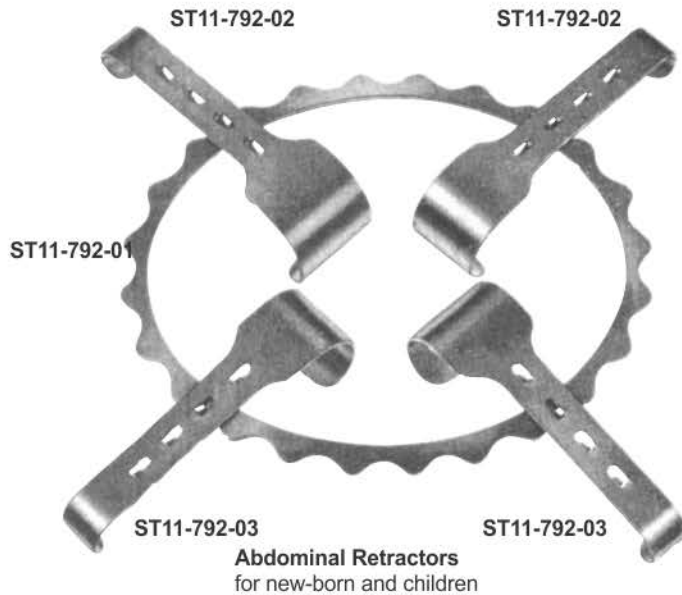


**ST11-776-06**  
 37 x 62 mm



**Initial Incision Retractor**  
**ST11-788-30** 30cm  
 Complete

*Ecarteurs* | *Wundhaken*  
*Divaricatori* | *Separadores*



**Denis-Browne Retractor**  
**ST11-792-00** Complete with 4 blades

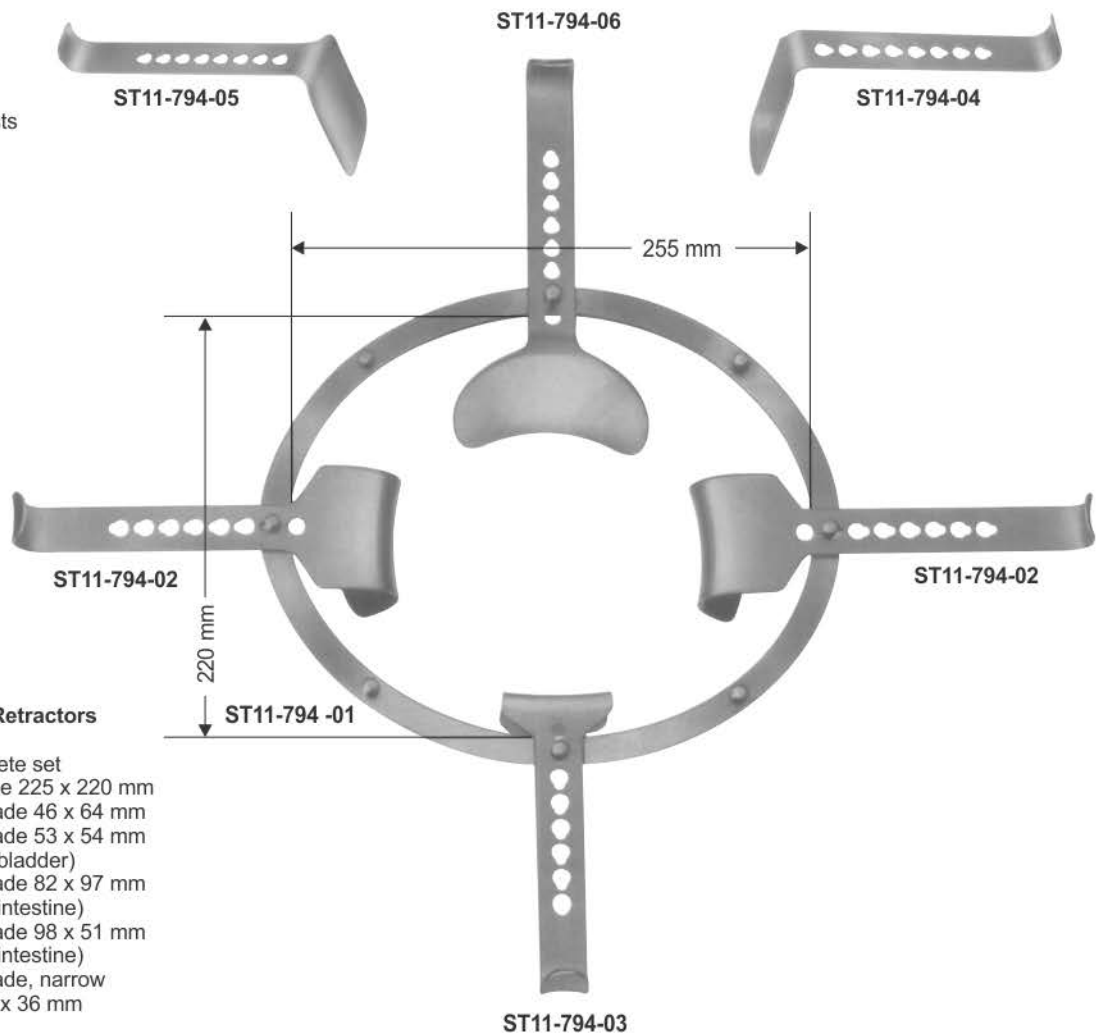
**ST11-792-01** Frame 190 x 160 mm  
**ST11-792-02** blades only 40 x 30 mm  
**ST11-792-03** blades only 40 x 40 mm

**ST11-792-04**  
 Blades only 20 x 30 mm

**ST11-792-05**  
 Blades only 20 x 40 mm

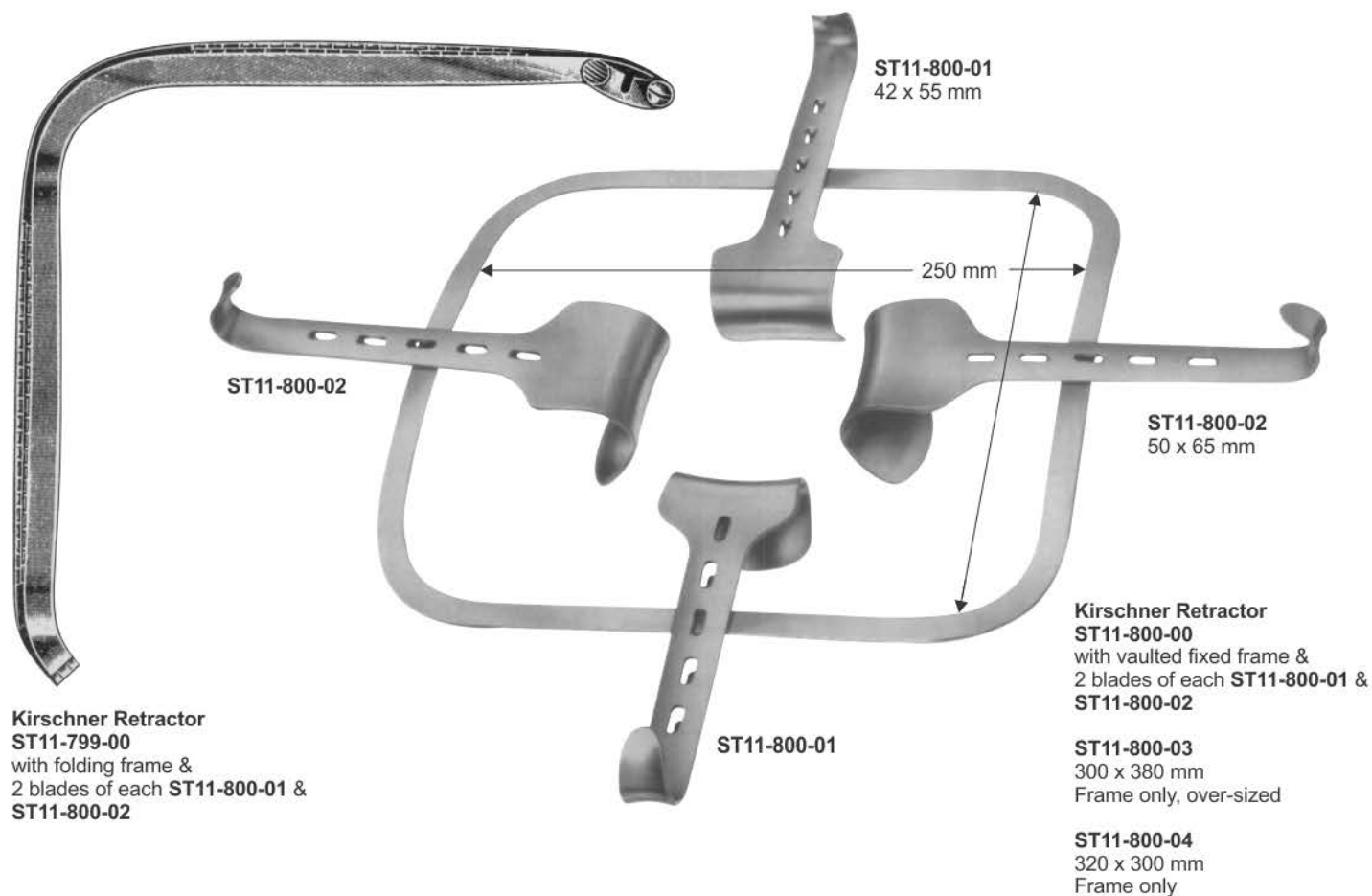


**Abdominal Retractors**  
 well suitable for gynaecologists



**Semm Abdominal Retractors**  
 consisting of:

- ST11-794-00** complete set
- ST11-794-01** 1 frame 225 x 220 mm
- ST11-794-02** 2 blade 46 x 64 mm
- ST11-794-03** 1 blade 53 x 54 mm (for bladder)
- ST11-794-04** 1 blade 82 x 97 mm (for intestine)
- ST11-794-05** 1 blade 98 x 51 mm (for intestine)
- ST11-794-06** 1 blade, narrow 107 x 36 mm



Additional valves for corpulent persons



**Kirschner Retractor ST11-801-01**  
64 x 80 mm

**Kirschner-Balfour Retractor ST11-802-01**  
80 x 82 mm

**Kirschner Retractor ST11-803-01** 90 x 69 mm  
**ST11-803-02** 92 x 95 mm  
**ST11-803-03** 78 x 58 mm

**Kirschner Retractor ST11-804-01** 108 x 42 mm  
**ST11-804-02** 91 x 55 mm  
**ST11-804-03** 121 x 55 mm

|                     |                    |
|---------------------|--------------------|
| <i>Ecarteurs</i>    | <i>Wundhaken</i>   |
| <i>Divaricatori</i> | <i>Separadores</i> |



**Book Walter Retractor**  
Complete Set with Box  
ST11-810-00



**Book Walter Retractor**  
Complete Set with Wooden Box  
ST11-814-00



**Leyla**  
Self-Retaining Brain Retractor  
ST11-830-00