



RETRACTORS



500-308 Neivert Knife Guide and Retractor, 6 ½", Double End, Open Blade 14mm Wide

500-310 Meyerding Skin Hook and Retractors, 6 ¼", Double End

500-312 Cottle Skin Hook 5 ½", Small, Shallow Curve

500-314 Cottle Skin Hook 5 ½", Small, Deep Curve

500-316 Cottle Skin Hook 5 ½", Large, Deep Curve

823-302 Aufricht Retractor Speculum, 6 ½", Solid Blade, 45mm Long

861-302 Luer S-Shape Retractor, 5 ½", Double End 10x5mm and 14x9mm



RETRACTORS

- A 500-355 Senn Miller Retractor, Sharp, 6-1/4"
- 500-363 Senn (Miller) Retractor, Blunt, 6-1/4"

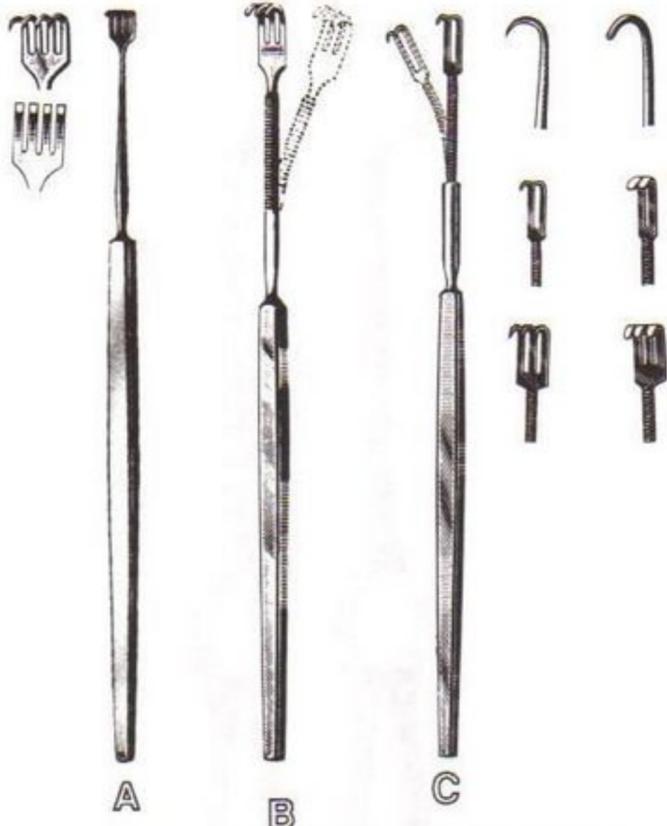
- B 500-413 Lahey Tissue Retractor, 1 Prong, 4-3/4"
- 500-421 Lahey Tissue Retractor, 2 Prongs, 4-3/4"
- 500-439 Lahey Tissue Retractor, 3 Prongs, 4-3/4"

- C 500-496 Guthrie Fixation Hook, 6"

- D 500-512 Skin (Trachea) Retractor, 1 Prong, Sharp, 6-1/2"
- 500-520 Skin (Trachea) Retractor, 2 Prongs, Sharp, 6-1/2"
- 500-538 Skin (Trachea) Retractor, 3 Prongs, Sharp, 6-1/2"
- 500-553 Skin (Trachea) Retractor, 1 Prong, Blunt, 6-1/2"
- 500-561 Skin (Trachea) Retractor, 2 Prongs, Blunt, 6-1/2"
- 500-579 Skin (Trachea) Retractor, 3 Prongs, Blunt, 6-1/2"

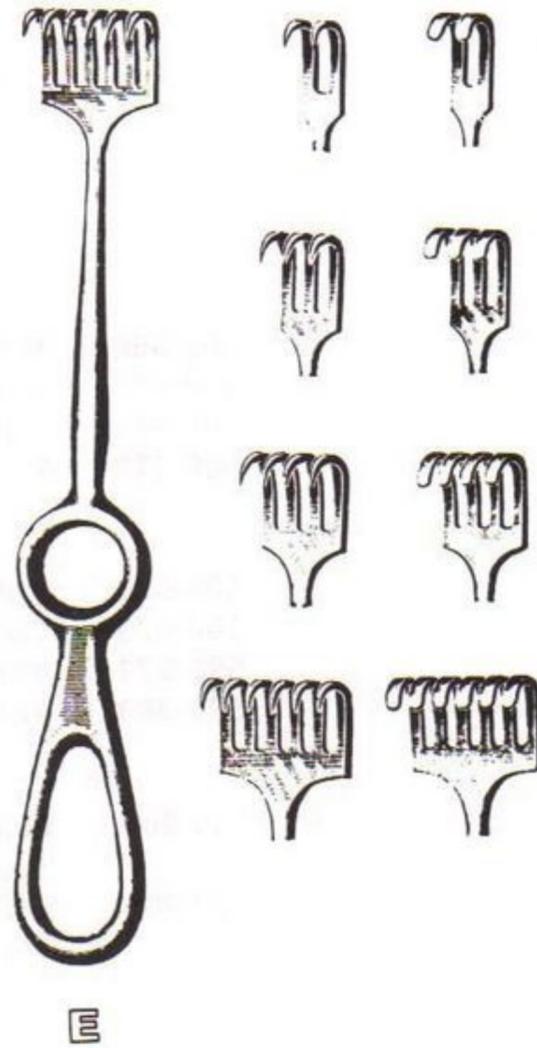
- E 500-603 Mathieu Retractor, Sharp, 6-1/4"
- 500-641 Mathieu Retractor, Blunt, 6-1/4"





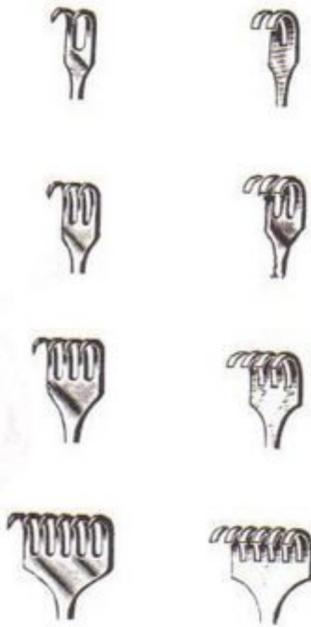
RETRACTORS

- A** 500-642 Knapp Retractor, Sharp, 4 Prongs, 5 1/4"
- 500-644 Knapp Retractor, Blunt, 4 Prongs, 5 1/4"
- B** 500-700 Flexible Retractor, 3 Sharp Prongs, 5"
- C** 500-701 Flexible Retractor, 1 Sharp Prong, 6"
- 500-702 Flexible Retractor, 2 Sharp Prongs, 6"
- 500-703 Flexible Retractor, 3 Sharp Prongs, 6"
- 500-711 Flexible Retractor, 1 Blunt Prong, 6"
- 500-712 Flexible Retractor, 2 Blunt Prongs, 6"
- 500-713 Flexible Retractor, 3 Blunt Prongs, 6"
- D** 500-728 Murphy Retractor, 2 Prongs, Sharp, 7 1/2"
- 500-736 Murphy Retractor, 3 Prongs, Sharp, 7 1/2"
- 500-744 Murphy Retractor, 4 Prongs, Sharp, 7 1/2"
- 500-769 Murphy Retractor, 6 Prongs, Sharp, 7 1/2"
- E** 500-827 Volkman Retractor, 2 Prongs, Sharp, 8 1/2"
- 500-835 Volkman Retractor, 3 Prongs, Sharp, 8 1/2"
- 500-843 Volkman Retractor, 4 Prongs, Sharp, 8 1/2"
- 500-848 Volkman Retractor, 6 Prongs, Sharp, 8 1/2"
- 500-926 Volkman Retractor, 2 Prongs, Blunt, 8 1/2"
- 500-934 Volkman Retractor, 3 Prongs, Blunt, 8 1/2"
- 500-942 Volkman Retractor, 4 Prongs, Blunt, 8 1/2"
- 500-967 Volkman Retractor, 6 Prongs, Blunt, 8 1/2"





RETRACTORS



Sharp

Blunt

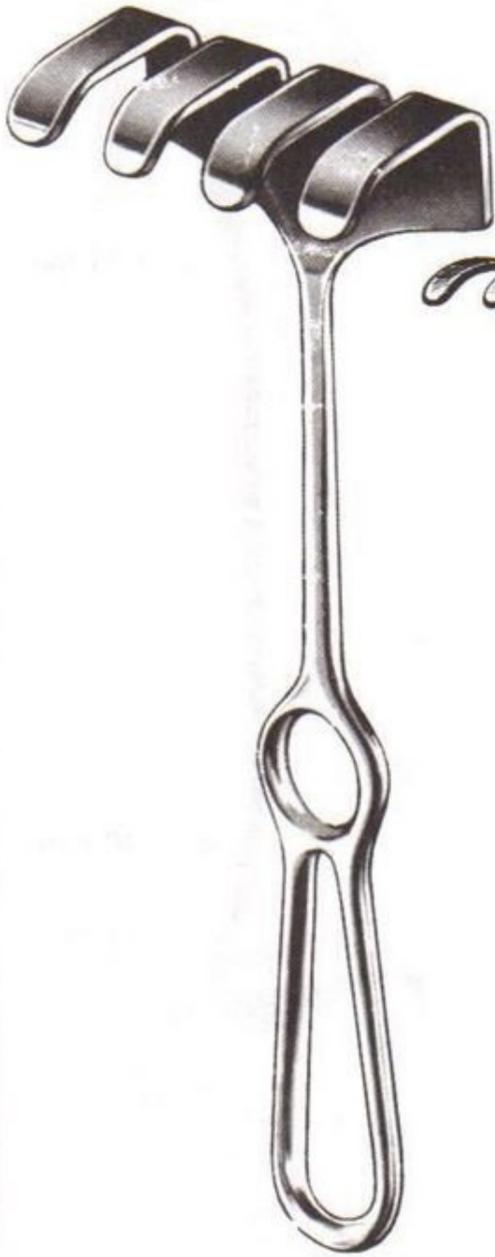
A

B



C

- | | | |
|---|---------|--|
| A | 500-968 | Volkman Finger Retractor, 2 Prongs, Sharp, 4 1/2" |
| | 500-970 | Volkman Finger Retractor, 3 Prongs, Sharp, 4 1/2" |
| | 500-971 | Volkman Finger Retractor, 4 Prongs, Sharp, 4 1/2" |
| | 500-972 | Volkman Finger Retractor, 6 Prongs, Sharp, 4 1/2" |
| B | 500-974 | Volkman Finger Retractor, 2 Prongs, Blunt, 4 1/2" |
| | 500-976 | Volkman Finger Retractor, 3 Prongs, Blunt, 4 1/2" |
| | 500-978 | Volkman Finger Retractor, 4 Prongs, Blunt, 4 1/2" |
| | 500-980 | Volkman Finger Retractor, 6 Prongs, Blunt, 4 1/2" |
| C | 500-984 | Volkman Hook Retractor, 9" (22.9cm)
Sharp Point 15mm Deep |
| | 500-986 | Volkman Hook Retractor, 9" (22.9cm)
Blunt Tip 15mm Deep |



A



B



C



D

RETRACTORS

- A 501-007 Ollier Retractor, 4 Prongs, Blunt, 8-1/2"
- B 501-056 Israel Retractor, 4 Prongs, Blunt, 8-1/2"
- C 501-106 Cushing Retractor, Angled, 8"
- D 501-155 Cushing Vein Retractor, 8"



A



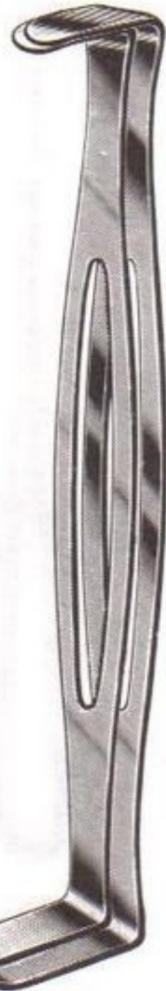
B



C



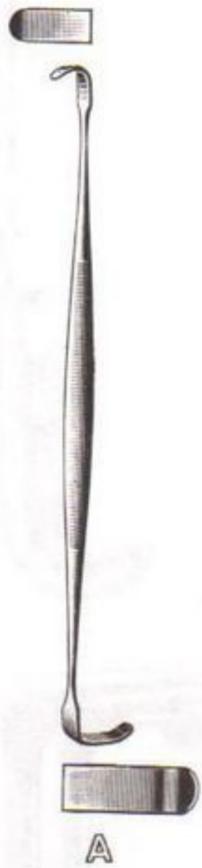
D



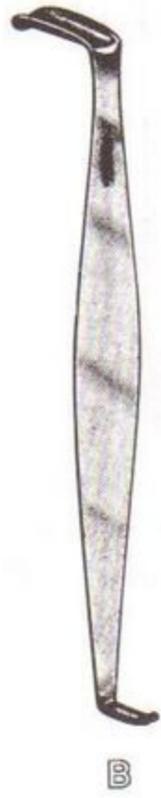
E

RETRACTORS

- A 501-205 Little Retractor, 7-1/2"
- B 722-510 Love Nerve Retractor, Straight, 8-1/2"
- C 722-515 Love Nerve Retractor, 45° Angle, 8-1/2"
- D 501-353 Goelet Retractor, 7-1/2"
- E 501-403 U.S.A. Retractor, Set of 2, 8-1/2"



501-437



501-452



501-502



501-551

RETRACTORS

- 501-437 RAGNELL Retractor, 6" (15.2 cm)
- 501-452 CRILE Retractor, 4-1/2", (11.4 cm)
- 501-502 LAHEY Retractor, 7-3/4" (19.7 cm)
- 501-551 GREEN Retractor, 8-1/2" (21.6 cm)
- 501-710 RICHARDSON Retractor, 9-1/2" (24.1 cm),
Loop Handle, 1" (2.5 cm) X 3/4" (1.9 cm)
- 501-712 RICHARDSON Retractor, 9-1/2" (24.1 cm),
Loop Handle, 1-1/4" (3.2 cm) X 1" (2.5 cm)
- 501-714 RICHARDSON Retractor, 9-1/2" (24.1 cm),
Loop Handle, 1-1/2" (3.8 cm) X 1-1/2" (3.8 cm)
- 501-716 RICHARDSON Retractor, 9-1/2" (24.1 cm),
Loop Handle, 2" (5.1 cm) X 3/4" (1.9 cm)



501-712



501-714



501-716

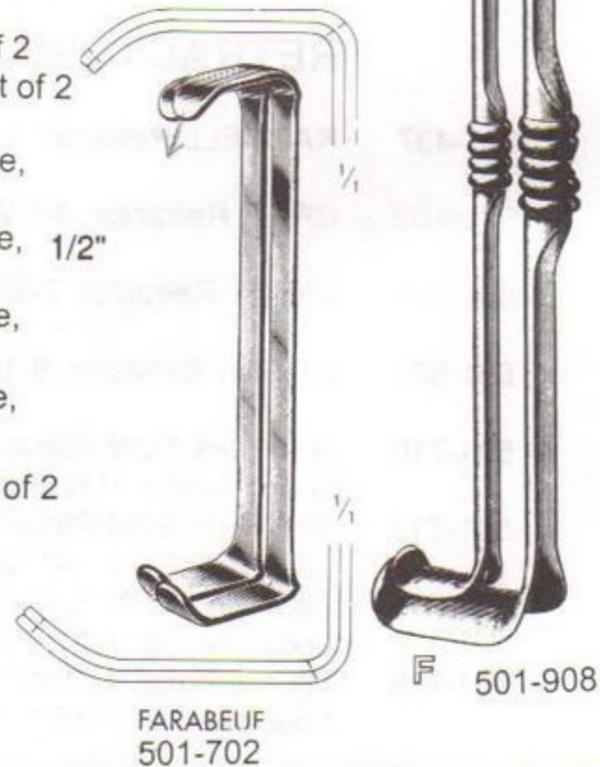


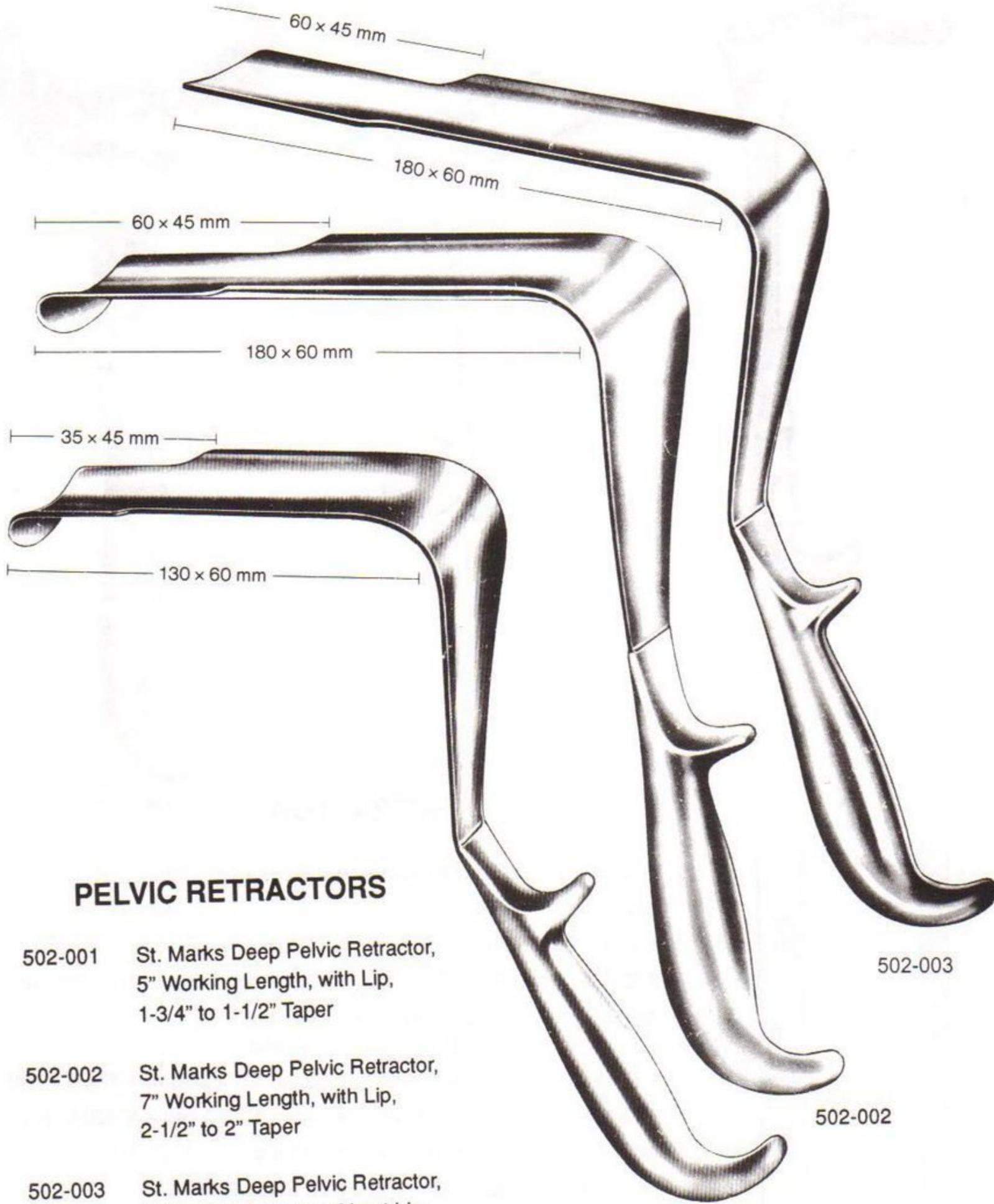
RICHARDSON



RETRACTORS

- 501-575 DAVIS Retractors, Double Ended, 5-1/2" (14.0 cm)
- 501-601 PARKER Retractor, double end, set of 2
- 501-650 PARKER Retractor, 7-1/4" (18.4 cm), double end, set of 2
- 501-700 FARABEUF Retractor, 6" (15.2 cm), double end, set of 2
- 501-702 Baby FARABEUF Retractor, 4-3/4" (12.1 cm), D/E, set of 2
- 501-759 RICHARDSON Retractor, 9-1/2" (24.1 cm), grip handle, 1" (2.5 cm) X 3/4" (1.9 cm)
- 501-767 RICHARDSON Retractor, 9-1/2" (24.1 cm), grip handle, 1-1/4" (3.2 cm) X 1" (2.5 cm)
- 501-775 RICHARDSON Retractor, 9-1/2" (24.1 cm), grip handle, 1-1/2" (3.8 cm) X 1-1/2" (2.5 cm)
- 501-809 RICHARDSON Retractor, 9-1/2" (24.1 cm), grip handle, 2" (5.1 cm) X 3/4" (1.9 cm)
- 501-908 RICHARDSON-EASTMAN Retractor, double end, set of 2
- Small, 3/4" wide x 1-1/8" deep and 1-1/8" wide x 1-1/2" deep, length, 9-1/2"
 - Large, 1-5/8" wide x 2-1/2" deep and 1-1/2" wide x 1-3/4" deep, length 10-1/4"





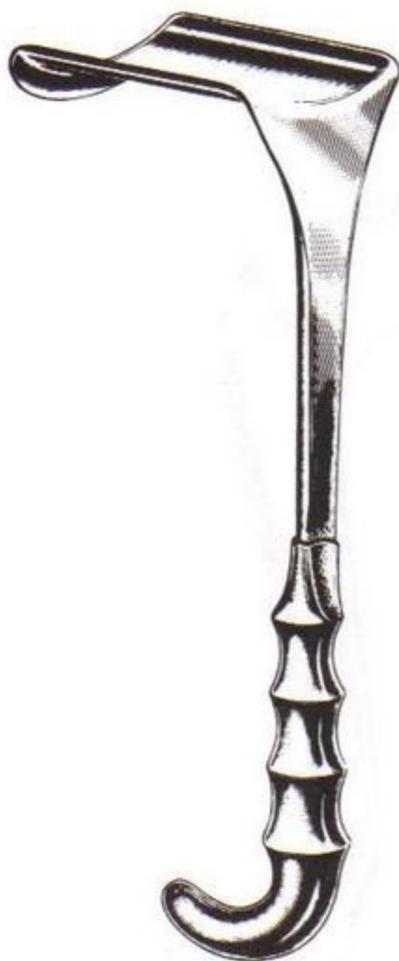
PELVIC RETRACTORS

- 502-001 St. Marks Deep Pelvic Retractor, 5" Working Length, with Lip, 1-3/4" to 1-1/2" Taper
- 502-002 St. Marks Deep Pelvic Retractor, 7" Working Length, with Lip, 2-1/2" to 2" Taper
- 502-003 St. Marks Deep Pelvic Retractor, 7" Working Length, without Lip, 2-1/2" to 2" Taper

502-003

502-002

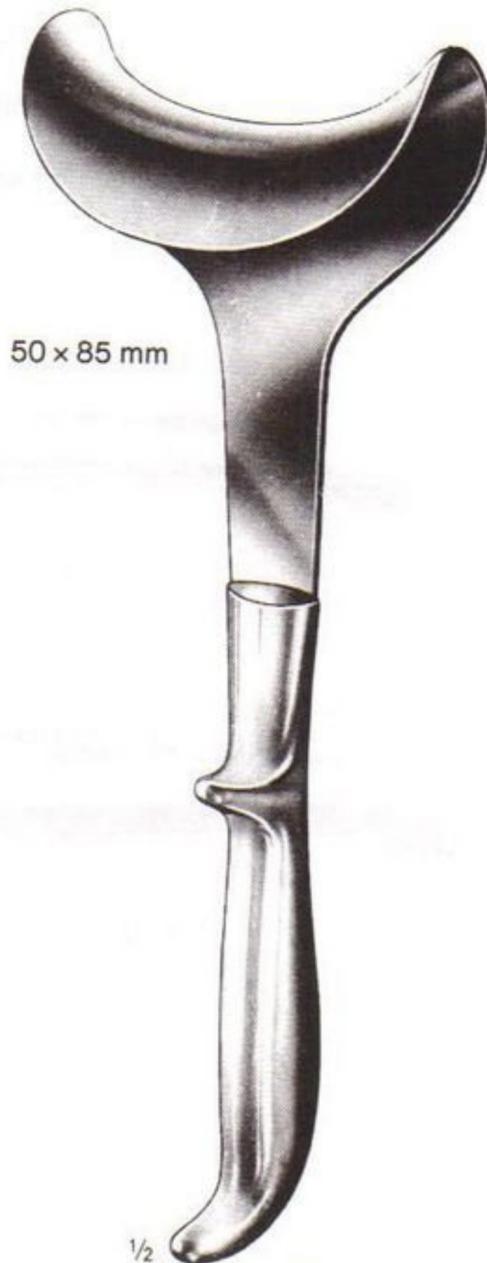
502-001



A



B



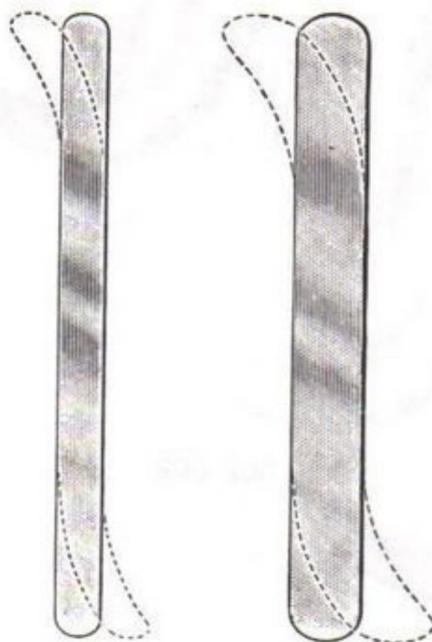
50 x 85 mm

1/2

Doyen

D

RETRACTORS



C

- A 502-005 KELLY Retractor, 9-1/2" (24.1 cm), Small, 1-1/2"x2"
- 502-013 KELLY Retractor, 10" (25.4 cm), Medium, 2"x2-1/2"
- 502-021 KELLY Retractor, 10" (25.4 M), Large, 2-1/2"x3"
- 502-039 KELLY Retractor, 10" (25.4 cm), Extra Large, 3"x3-1/2"
- B 502-104 WEINBERG Vagotomy Retractor, blade 4" wide and 6-3/4" long
- C 502-194 Pediatric Ribbon Retractor, 5/8" (1.6 cm) X 8" (20.3 cm)
- 502-198 Pediatric Ribbon Retractor, 1" (2.5 cm) X 8" (20.3 cm)
- 502-203 Ribbon Retractor, 3/4" (1.9 cm) X 13" (33 cm)
- 502-252 Ribbon Retractor, 1" (2.5 cm) X 13" (33 cm)
- 502-278 Ribbon Retractor, 1-1/4" (3.2 cm) X 13" (33 cm)
- 502-302 Ribbon Retractor, 1-1/2" (3.8 cm) X 13" (33 cm)
- 502-351 Ribbon Retractor, 2" (5.1 cm) X 13" (33 cm)
- D 502-355 DOYEN Retractor, 50 x 85mm, 25 cm Long



502-583



B

502-609



502-617



502-625

502-633



502-641



502-658



502-401
502-450
502-452

A



502-666

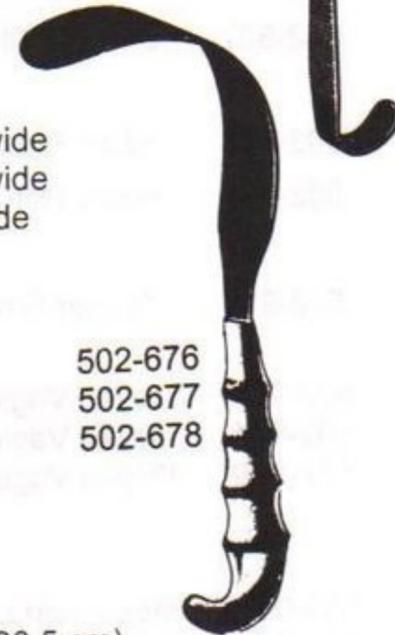
502-674

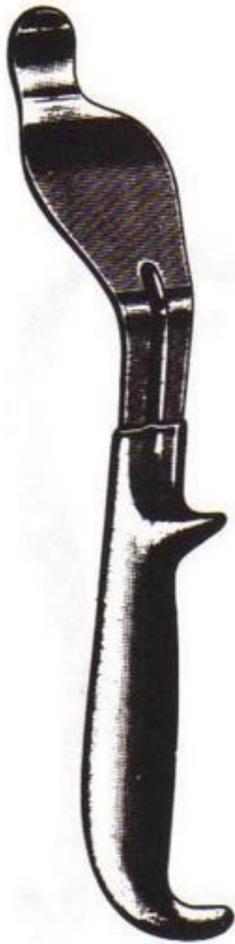


RETRACTORS

- A 502-401 HARRINGTON Retractor, 12" (30.5 cm), blade 1-1/2" (3.8 cm) wide
- 502-450 HARRINGTON Retractor, 12" (30.5 cm), blade 2-1/2" (6.4 cm) wide
- 502-452 HARRINGTON Retractor, 9-1/2" (24.1 cm), blade 1" (2.5 cm) wide
- B 502-583 Pediatric DEEVER Retractor, 5/8" (1.6 cm) X 8-1/2" (21.6 cm)
- 502-591 Pediatric DEEVER Retractor, 3/4" (1.9 cm) X 7" (17.8 cm)
- 502-609 Pediatric DEEVER Retractor, 7/8" (2.2 cm) X 8" (20.3 cm)
- 502-617 DEEVER Retractor, 1" (2.5 cm) X 9" (22.9 cm)
- 502-625 DEEVER Retractor, 1" (2.5 cm) X 10" (25.4 cm)
- 502-633 DEEVER Retractor, 1" (2.5 cm) X 12" (30.5 cm)
- 502-641 DEEVER Retractor, 1" (2.5 cm) X 14" (35.5 cm)
- 502-658 DEEVER Retractor, 1-1/2" (3.8 cm) X 12" (30.5 cm)
- 502-666 DEEVER Retractor, 2" (5.1 cm) X 12" (30.5 cm)
- 502-674 DEEVER Retractor, 3" (7.6 cm) X 12" (30.5 cm)
- 502-676 DEEVER Retractor with Hollow Grip handle, 2" (5.1 cm) X 12" (30.5 cm)
- 502-677 DEEVER Retractor with Hollow Grip handle, 3" (7.6 cm) X 12" (30.5 cm)
- 502-678 DEEVER Retractor with Hollow Grip handle, 4" (10.2 cm) X 12" (30.5 cm)

502-676
502-677
502-678





502-757
502-807



502-856

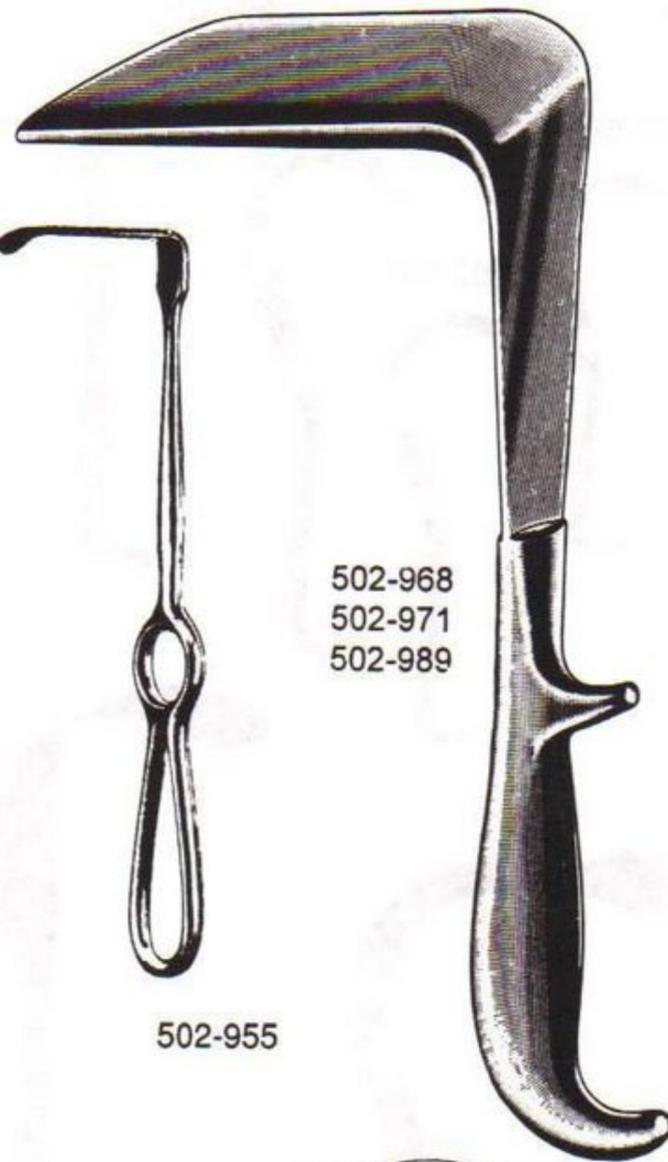


502-906



502-955

502-968
502-971
502-989



RETRACTORS

502-757 Bennett Tibia Retractor, Small, 9-1/2"

502-807 Bennett Tibia Retractor, Large, 9-1/2"

502-856 Hibbs Retractor, Set of 2, 3/4" x 2, 3-1/4" x 2-1/2", 9-1/2"

502-906 Hibbs Retractor, 3" x 1", 9-1/2"

502-955 Kocher Retractor, 1-1/2", 8-1/2"

502-968 Doyen Vaginal Retractor 9", Blade 1 3/4" x 2 1/2"

502-971 Doyen Vaginal Retractor 9", Blade 2 1/8" x 3"

502-989 Doyen Vaginal Retractor 9", Blade 2 1/2" x 3 1/2"

503-003 Meyerding Laminectomy Retractor, 9 1/2", Small Blade, 2" x 5/8"

503-052 Meyerding Laminectomy Retractor, 9 1/2", Medium Blade, 3" x 1"

503-102 Meyerding Laminectomy Retractor, 9 1/2", Large Blade, 3 1/2" x 2"

50 x 16 mm

1/2

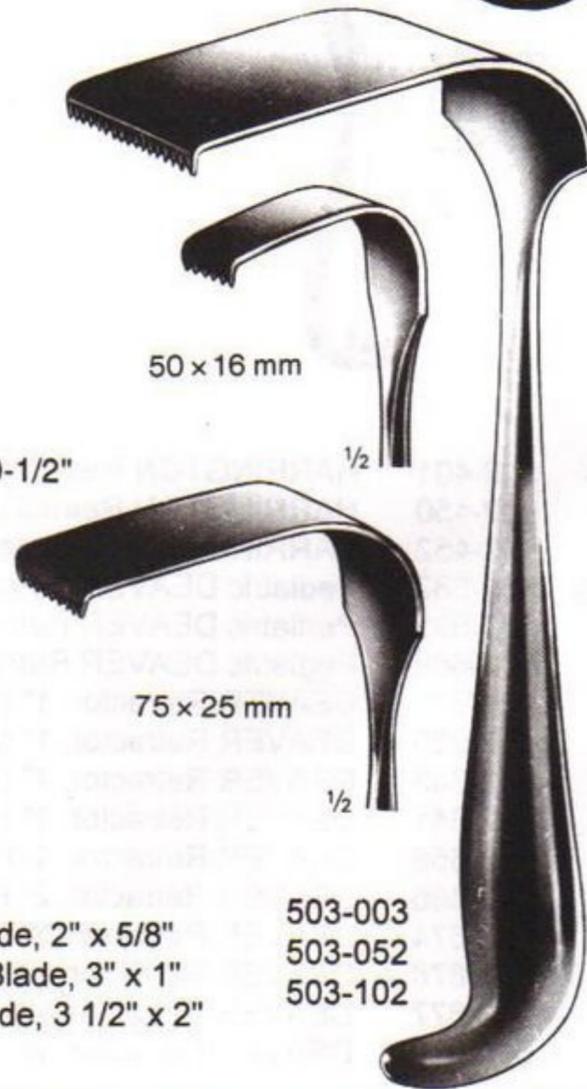
75 x 25 mm

1/2

503-003

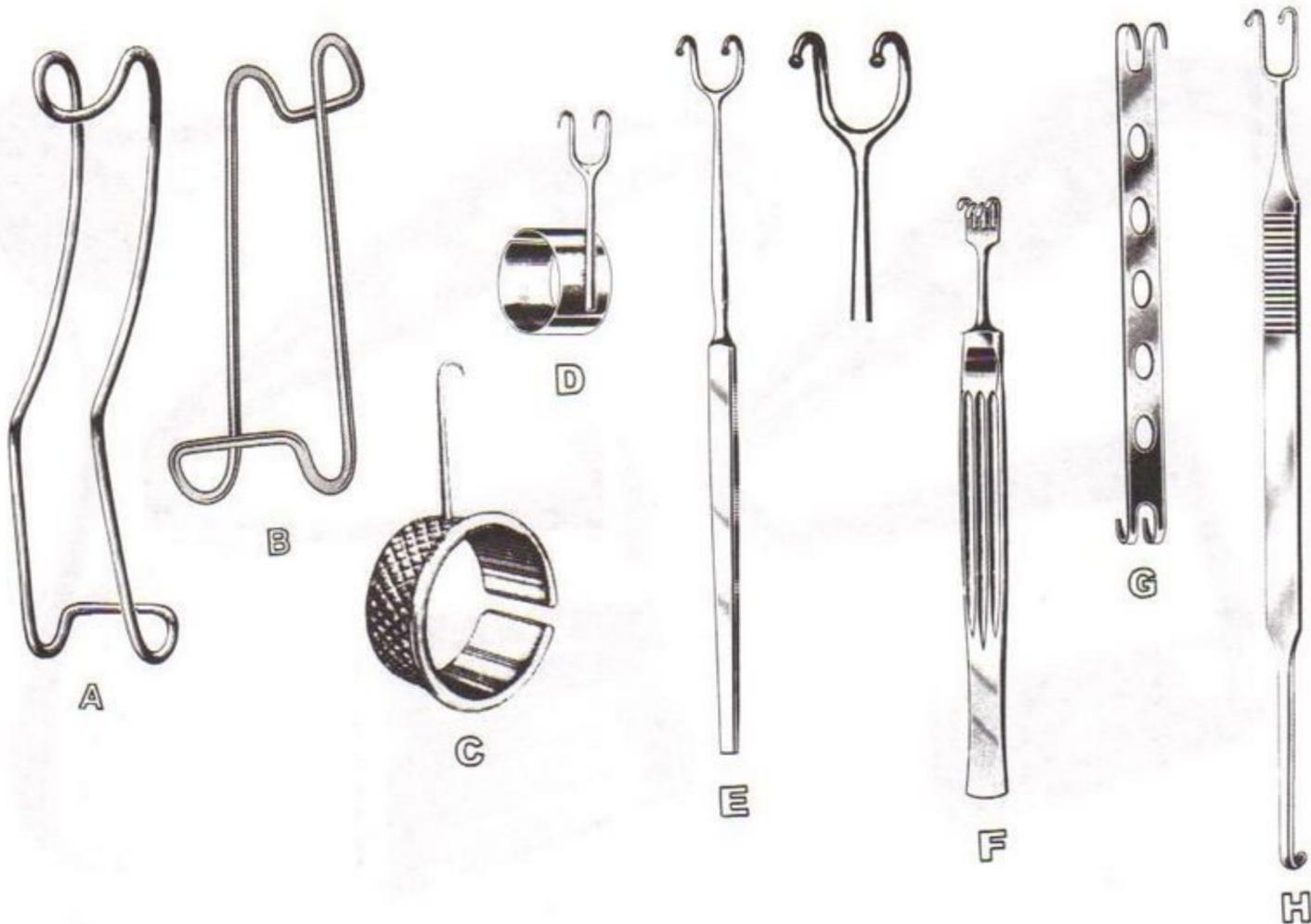
503-052

503-102





RETRACTORS



- A 503-200** Fine Lip Retractor 6" (15.2 cm), Double End
25mm and 36mm wide
- B 503-205** Columbia Lip Retractor, 5 1/2" (14cm) Double End
37mm and 50mm wide
- C 503-210** Millard Thimble Retractor, 5/8" (1.6cm) working Length
Sharp, Single Hook
- D 503-215** Cottle Thumb Retractor, 1 1/2" (3.8 cm) working Length
Sharp Double Hook 8mm wide
- E 823-104** Foman Retractor 6 1/2" (16.5 cm) Two Ball End Prongs 11mm wide
- F 823-203** Cottle Retractor 5 1/2" (14 cm), Four Blunt Prongs
2 Center Prongs Recessed
- G 503-230** Converse Alar Retractor 4" (10.2 cm) Double End
w/Blunt Double Hooks 10mm and 14mm wide
- H 503-235** Cottle Knife Guide and Retractor 8" (20.3 cm) Double End
Ball Tip Prongs, 10mm Wide, and 5mm Wide Slotted Hook



RETRACTORS

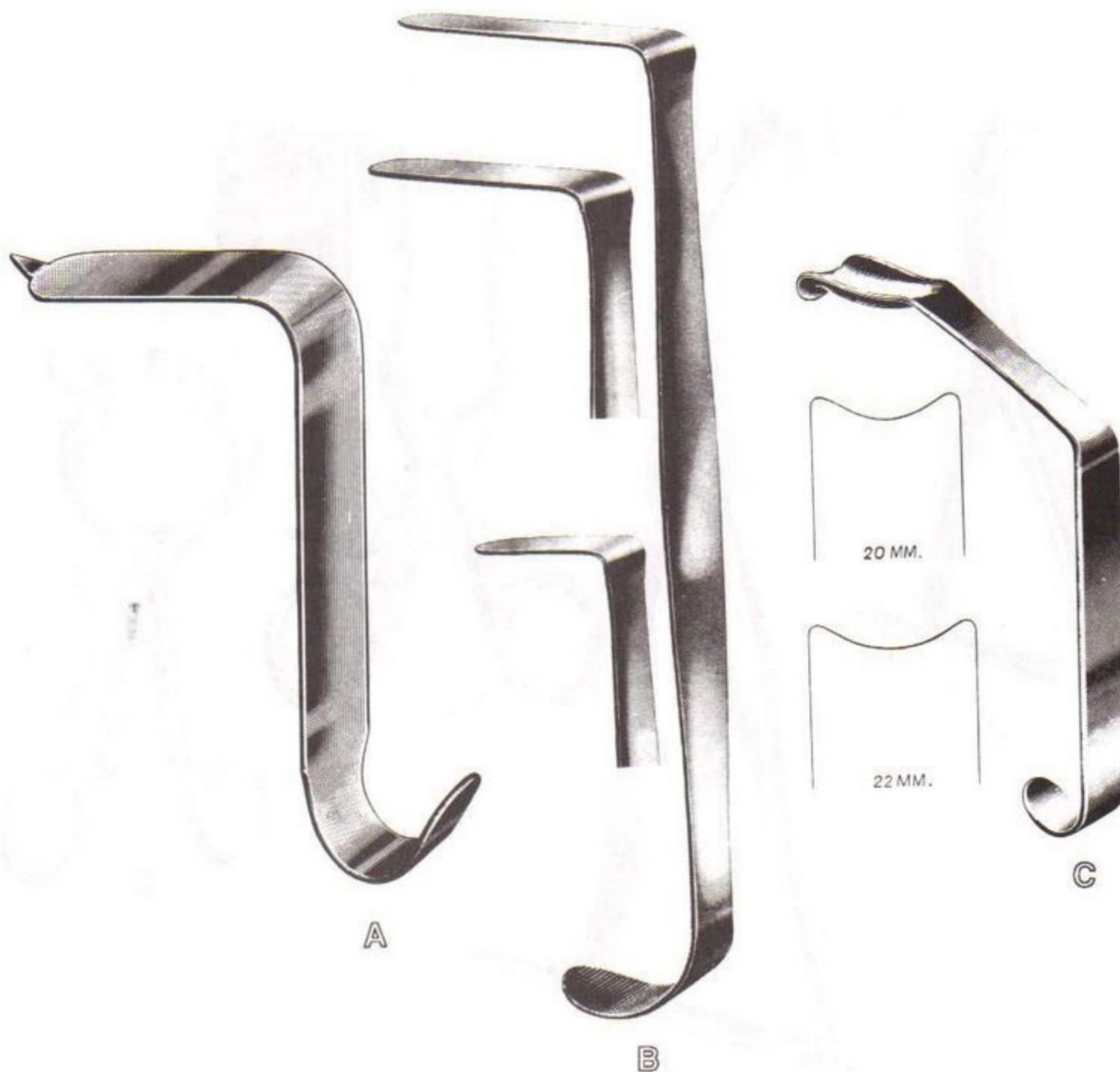


- A** 503-240 Davidson (Scapula) Retractor 75 x 50mm
B 503-245 Davidson (Scapula) Retractor 75 x 90mm
C 503-250 Mayo Abdominal Retractor, 2 3/4" Blade
D 503-255 DeLee Universal Retractor, 9 1/2" Blade 2 1/4" x 2"





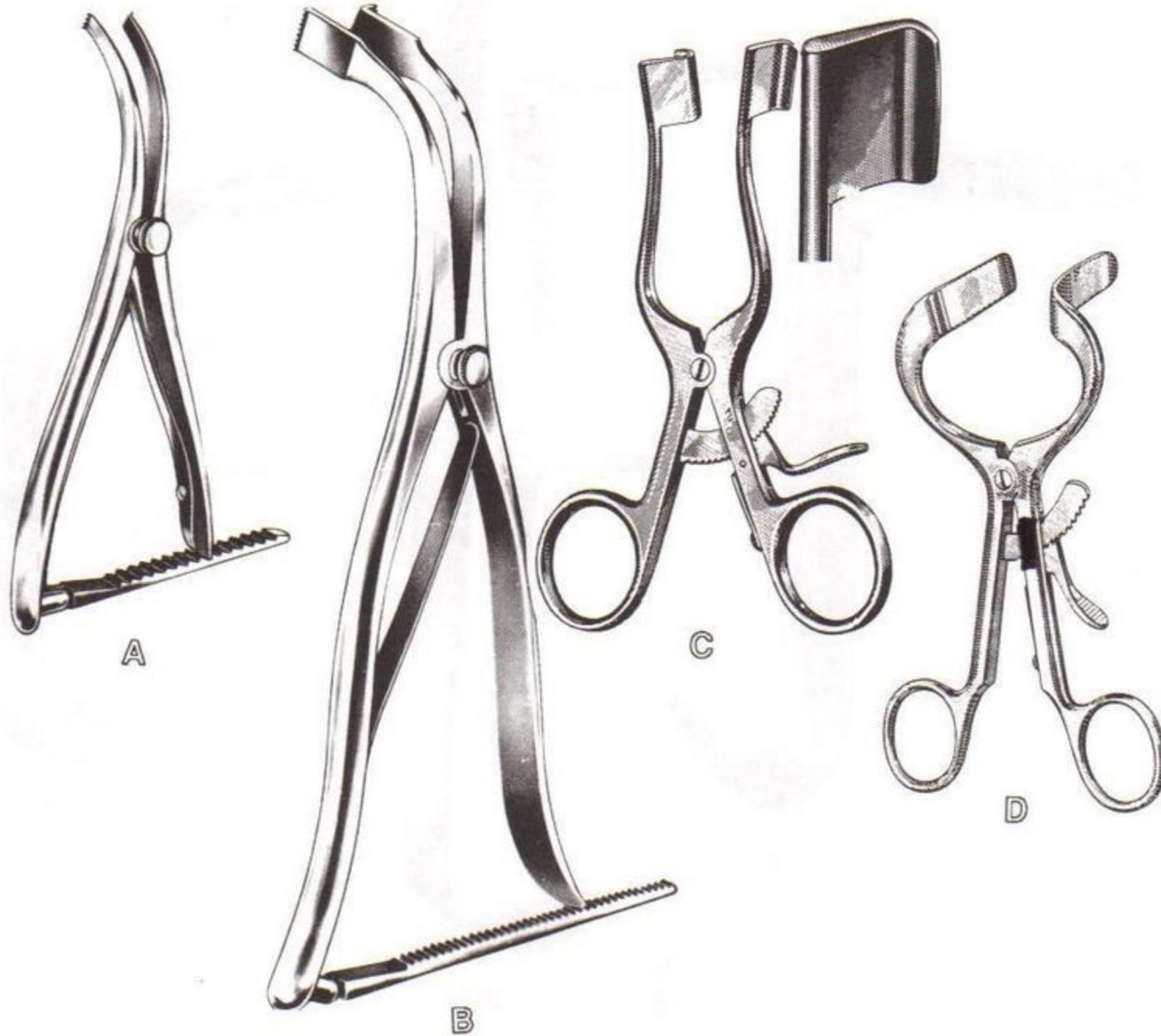
RETRACTORS



- | | | |
|----------|---------|--|
| A | 503-260 | Taylor Spinal Retractor, 7 1/4", Blade 1 1/4" x 3" |
| | 503-262 | Taylor Spinal Retractor, 8", Blade 1 1/4" x 4" |
| B | 921-502 | Heaney Retractor 10 1/2", Blade 1 1/8" x 1 3/4" |
| | 921-510 | Heaney Retractor 10 1/2", Blade 1 1/8" x 2 7/8" |
| | 921-528 | Heaney Retractor 10 1/2", Blade 1 1/8" x 3 1/4" |
| C | 844-381 | Love Uvula Retractor, 18mm Wide Blade |
| | 844-407 | Love Uvula Retractor, 20mm Wide Blade |
| | 844-423 | Love Uvula Retractor, 22mm Wide Blade |



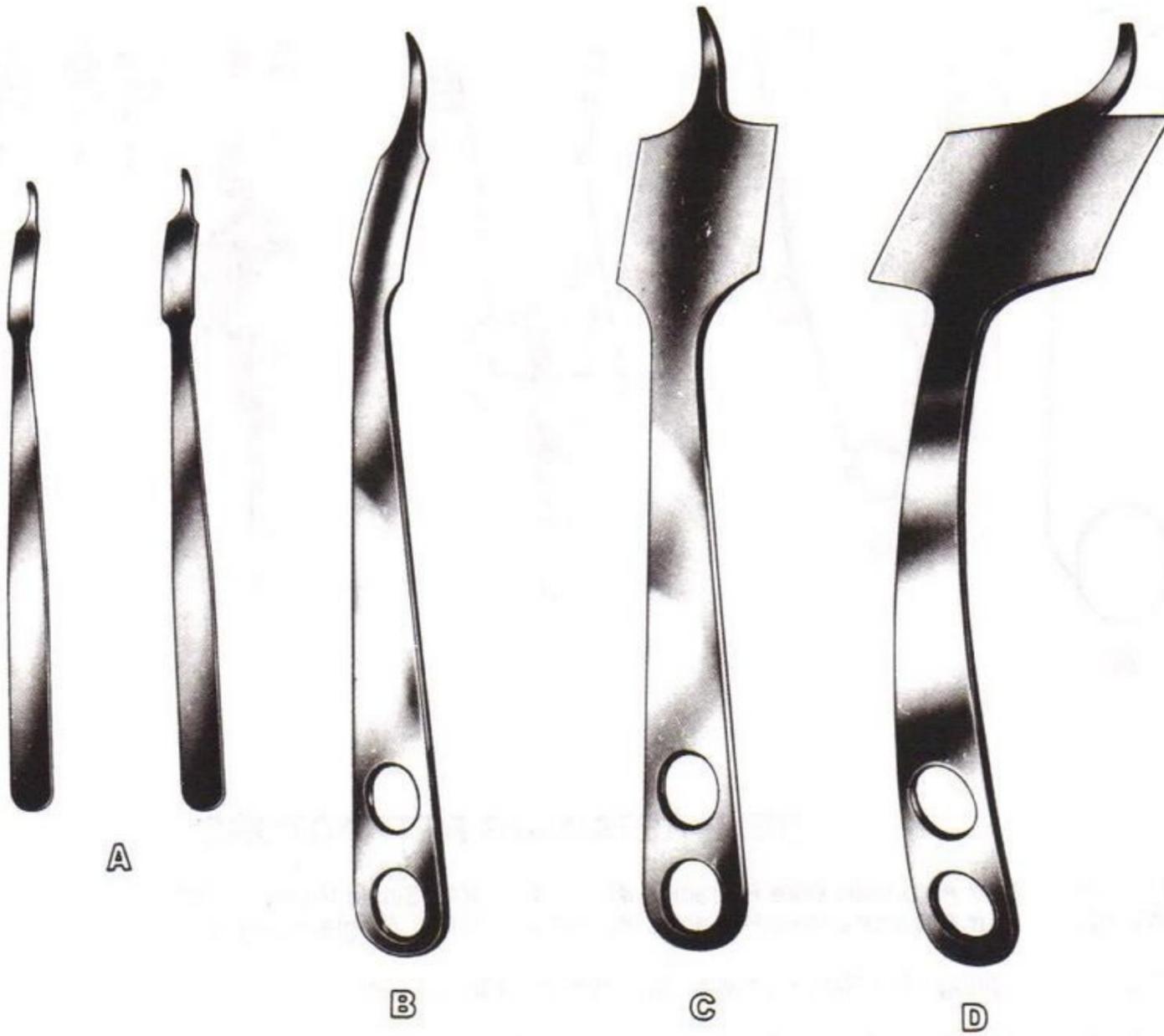
RETRACTORS



- A** 503-276 Inge Lamina Spreader 6", Jaws Open To 1 1/8"
503-278 Inge Lamina Spreader 6", Jaws Open To 1 1/8", w/out Teeth
- B** 503-280 Inge Lamina Spreader 9 1/2", Jaws Open To 1 3/4", Smooth Handles
- C** 503-282 Weitlaner Retractor 5 1/2", Solid Blades
- D** 503-284 Schink Metatarsal Spreader, 4 1/2"



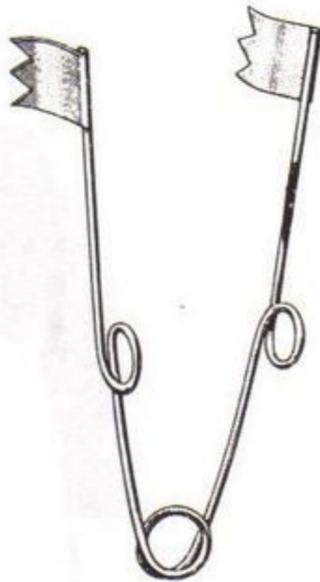
RETRACTORS



- | | | |
|----------|----------------|--|
| A | 510-100 | Mini-Hohmann Retractor 6 1/4" (15.9cm)
Blade 6mm wide |
| | 510-105 | Mini-Hohmann Retractor 6 1/4" (15.9cm)
Blade 8mm wide |
| B | 510-110 | Hohmann Retractor 9 1/4" (23.5cm)
Blade 10mm wide |
| | 510-115 | Hohmann Retractor 9 1/4" (23.5cm)
Blade 18mm wide |
| C | 510-120 | Hohmann Retractor 9 1/4" (23.5cm)
Blade 25mm wide |
| | 510-125 | Hohmann Retractor 9 1/4" (23.5cm)
Blade 43mm wide |
| D | 510-130 | Hohmann Retractor 9 1/4" (23.5cm)
Blade 70mm wide |



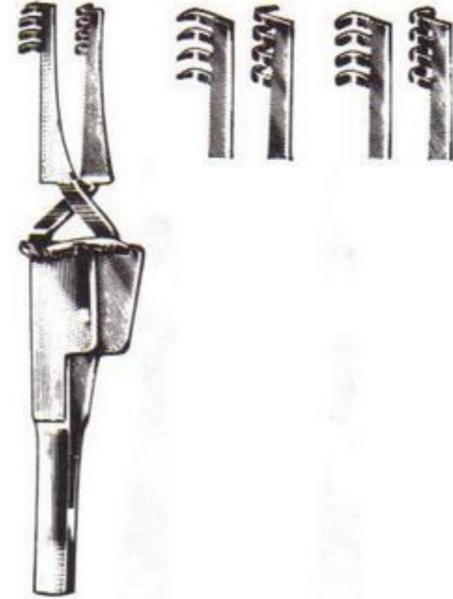
A



B



C



D

SELF-RETAINING RETRACTORS

- A 520-015 Farr Automatic Wire Retractor, #1, 5-1/2" x 3/4", Single Prong, 3-1/2"
- 520-023 Farr Automatic Wire Retractor, #2, 5-1/2" x 1-1/8", Single Prong, 4"

- B 520-014 Spring Wire Retractor with Flag, 10mm x 13mm Deep

- C 520-056 Alm Minor Surgery Retractor, with 4mm Prongs, 2-3/4"
- 520-106 Alm Minor Surgery Retractor, with 9mm Prongs, 4"

- D 520-155 Automatic Skin Retractor, 5mm, Sharp Teeth, 4"
- 520-160 Automatic Skin Retractor, Blunt Teeth, 4 Prongs

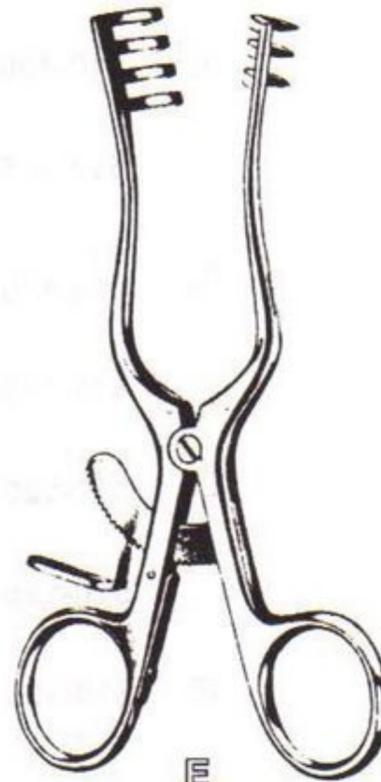
- E 520-247 Weitlaner Retractor, 2 x 3 Prongs, Sharp, 4"
- 520-346 Weitlaner Retractor, 2 x 3 Prongs, Blunt, 4"

- F 520-254 Weitlaner Retractor, 3x4 Prongs, Sharp, 5 1/2"
- 520-353 Weitlaner Retractor, 3x4 Prongs, Blunt, 5 1/2"

- 520-262 Weitlaner Retractor, 3x4 Prongs, Sharp, 6 1/2"
- 520-361 Weitlaner Retractor, 3x4 Prongs, Blunt, 6 1/2"

- 520-265 Weitlaner Retractor, 3x4 Prongs, Sharp, 8"
- 520-374 Weitlaner Retractor, 3x4 Prongs, Blunt, 8"

- 520-228 Weitlaner Retractor, 3x4 Prongs, Sharp, 9 1/2"
- 520-387 Weitlaner Retractor, 3x4 Prongs, Blunt, 9 1/2"

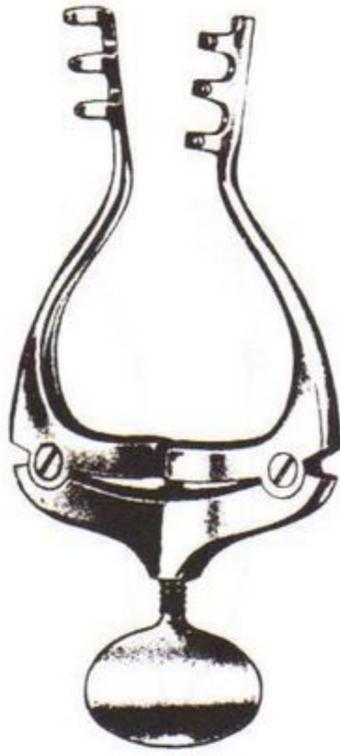


E

F



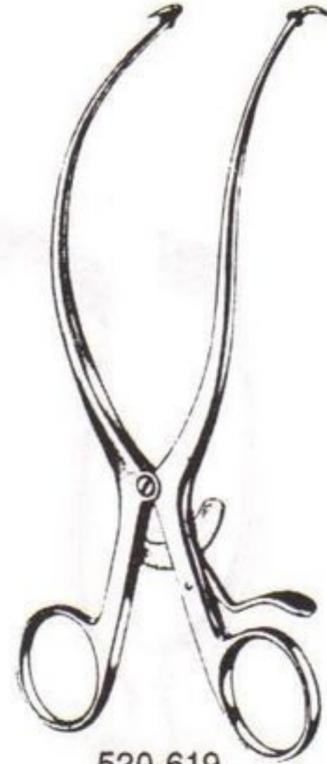
520-452
520-460



520-502



520-601
520-650



520-619

SELF-RETAINING RETRACTORS

520-452 Weitlaner Retractor, Hinged Blades, 3 x 4 Prongs, Sharp, 6-1/2"

520-460 Weitlaner Retractor, Hinged Blades, 3 x 4 Prongs, Blunt, 6-1/2"

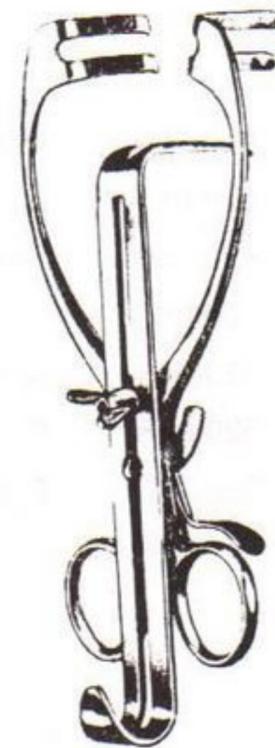
520-502 Jansen Retractor, 3 x 3 Prongs, 10mm, 4-1/2", Blunt

520-601 Gelpi Retractor 6 3/4", w/Grip Lock

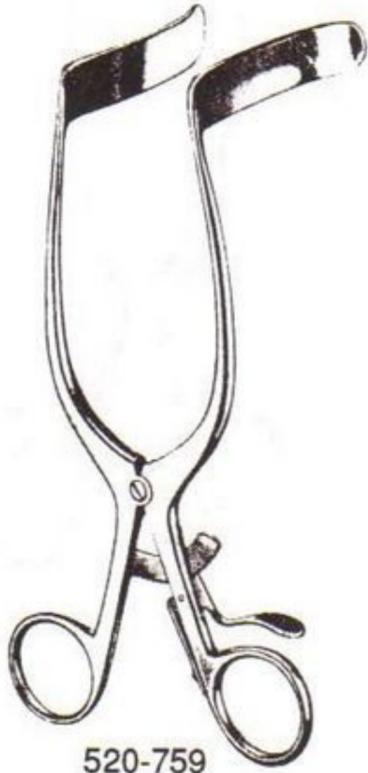
520-619 Gelpi Retractor 6 3/4", w/Ball Stops and Grip Lock

520-650 Pediatric Gelpi Retractor 5 1/2" w/Grip Lock

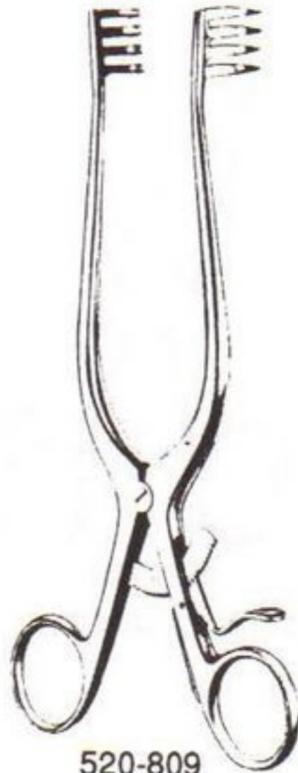
520-700 Mayo Adams Abdominal Retractor, with Center Blade, 6-3/4"



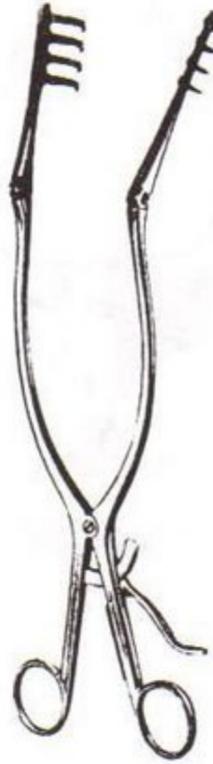
520-700



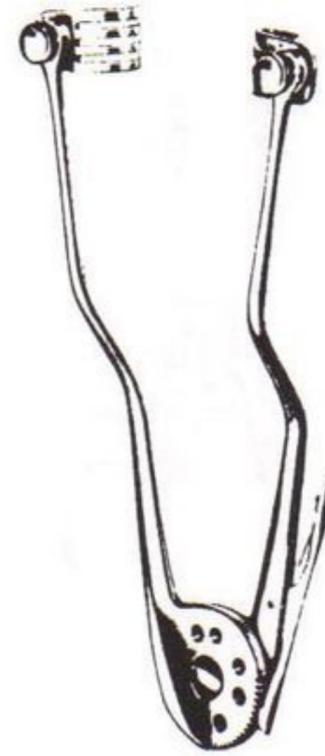
520-759



520-809
520-810



520-858



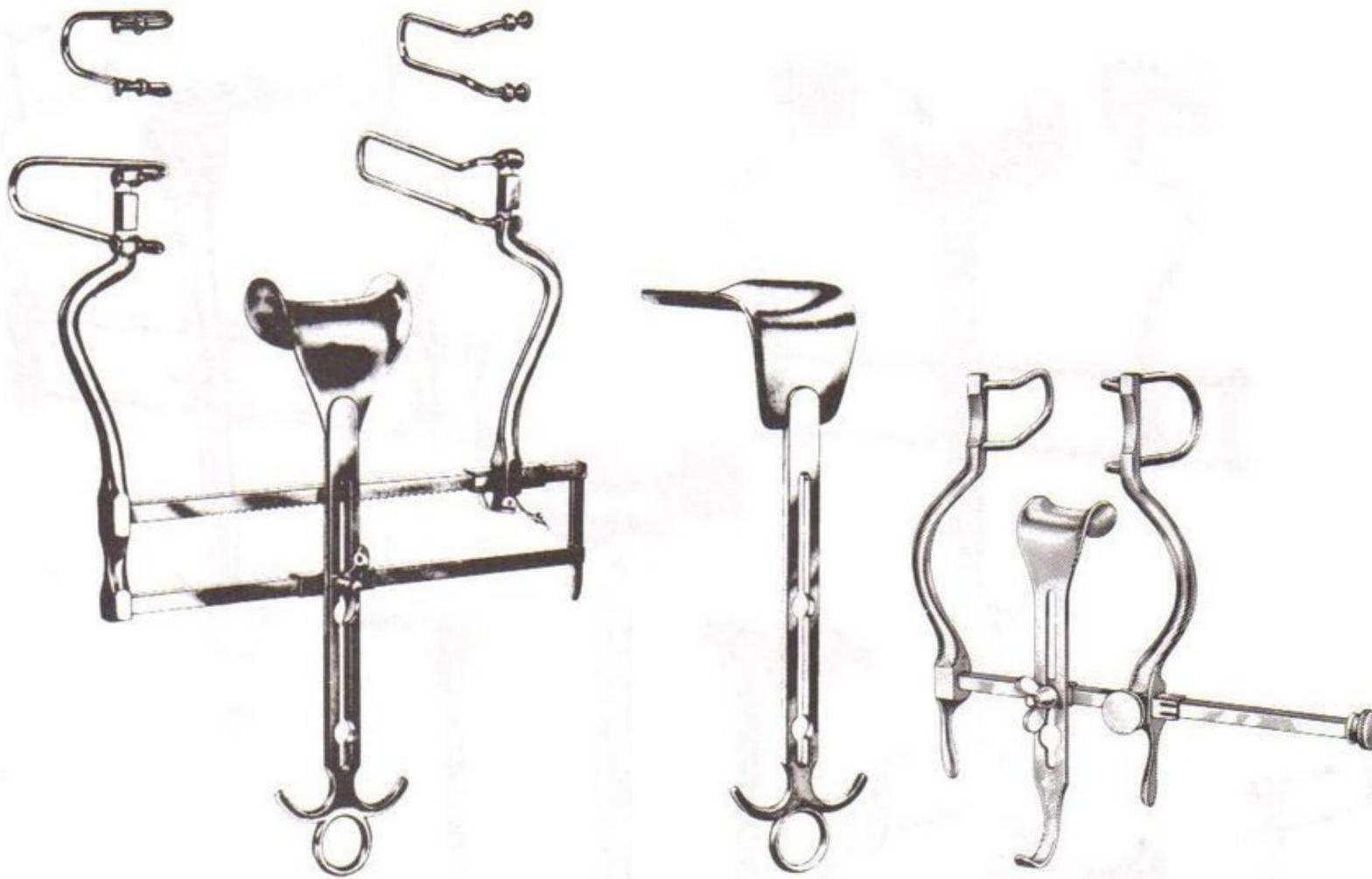
520-908

SELF-RETAINING RETRACTORS

- 520-759 Rigby Appendectomy Retractor 6 3/4", w/Grip Lock
- 520-809 Adson Retractor 7 1/2" Sharp, 4x4 Teeth, 3/4" x 3/4" Straight Arms
- 520-810 Adson Retractor 7 1/2" Sharp, 4x4 Teeth, 3/4" x 3/4" Angled Arms
- 520-858 Beckman Retractor 12 1/2", Hinged, Sharp, 4x4 Teeth 3/4" x 1"
- 520-883 Adson Retractor 7 1/2" Angled Sharp, 4x4 Teeth 3/4" x 3/4"
- 520-908 Crotti Retractor 7 1/4" w/Swivel Blade, Sharp
- 520-957 Beckman-Adson Retractor 12 1/2", Hinged, Sharp, 3/4" x 1"



520-957



521-005

521-100

521-252

SELF-RETAINING RETRACTORS

521-005 Balfour Abdominal Retractor, Improved Model with Ratchet Bar Assembly and Two Sets of Interchangeable Blades, 7" Spread (20cm), Side Blades are 2" (5cm) Wide and 3" (8cm) Deep, Center Blades are 1 3/4" (4cm) Wide and 2 5/8" (6.5cm) Deep, 2 3/4" (7cm) Wide and 3 1/4" (8.5cm) Deep.

521-100 BALFOUR Center Blade for Retractor, extra deep model, 2-3/4" (7 cm) X 4" (10.2 cm)

521-252 BALFOUR "Baby" Retractor, side blades are 1-1/8" (3 cm) deep, center blade measures 7/8" (2.2 cm) by 7/8" (2.2 cm), maximum opening is 3-1/4" (8.5 cm)



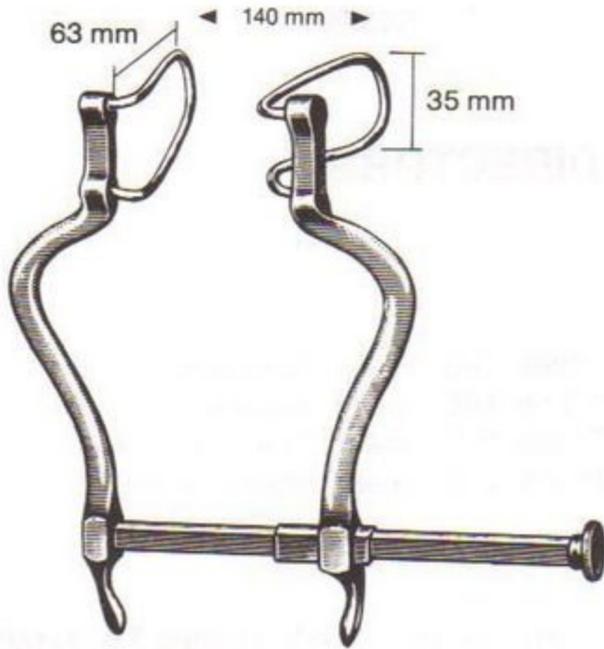
BALFOUR ABDOMINAL RETRACTORS

BALFOUR Retractors, standard models with 7" (20 cm) maximum opening, side blades are 2-1/2" (6.3 cm) deep and center blade measures 2" (5.1 cm) deep and 3" (8 cm) wide.

- | | | |
|----------|---------|---|
| A | 521-302 | Balfour Abdominal Retractor with solid side blades, 3" (7.6 cm) wide x 2" (5.1 cm) deep, 7" spread |
| | 521-351 | Balfour Abdominal Retractor with fenestrated side blades, 3" (7.6 cm) wide x 4" (10.2 cm) extra deep center blades, 7" spread |
| B | 521-376 | Balfour Abdominal Retractor with fenestrated side blades, 3" (7.6 cm) wide x 2" (5.1 cm) deep center blades, 7" spread |
| C | 521-380 | Balfour Abdominal Retractor with fenestrated side blades, 3" (7.6 cm) wide x 2" (5.1 cm) deep center blades, 10" spread |
| D | | BALFOUR Center Blades |
| | 521-401 | 3" (7.6 cm) wide x 2" (5.1 cm) deep |
| | 521-419 | 3" (7.6 cm) wide x 4" (10.2 cm) extra deep |
| | 521-427 | 2" (5.1 cm) wide x 5" (12.7 cm) deep malleable |



O'SULLIVAN-O'CONNOR



GOSSET



SELF-RETAINING RETRACTOR

521-757 O'SULLIVAN-O'CONNOR Abdominal Retractor, with 7" (18 cm) maximum opening, two small blades, measuring 1 3/4" (4.5 cm) x 2 1/2" (6.3cm) one large blade, 2 3/4" (7 cm) x 4" (10 cm), are furnished.

521-760 Gosset Retractor, 4" Spread, 1" x 1 1/2" Blades
521-762 Gosset Retractor, 5 1/2" Spread, 1" x 2 1/2" Blades