



Acheron Instruments

(Edition # 2)

**GENERAL SURGERY INSTRUMENTS
CATALOGUE**

World-Class High Quality





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ACHERON® SURGICAL INSTRUMENTS

Quality That Builds Confidence



Acheron's Instruments have been provided to surgeons across the world to help improve the standard of patient care. The Acheron Brand is especially known globally in the CVT and ENT specialties with numerous proprietary instruments co-developed with leading surgeons in these fields.

Today, the Acheron Instruments continues its legacy in providing high quality, hand-crafted instrumentation that meets the surgeon's requirements.

Over the years, the Acheron Instruments Brand has maintained high standards of quality and continues to emphasize customer service and satisfaction. As surgical procedural needs change, specialty surgeons can count on Acheron Branded instruments to meet their new requirements.



🏠 Production Unit: Industrial Estate Shahab Pura, Ugoki Road, Near Saga Chowk Sialkot, Pakistan.

🏢 Head Office: Building # 349 Block A, Jubilee Town Canal Road Lahore, Pakistan. ☎ +92 333 430 1417, +92 307 430 9880

🌐 URL: www.acheron-instruments.com ✉ info@acheron-instruments.com, instruments.acheron@gmail.com

ACHERON INSTRUMENTS®

Helps you make the right choices.



ACHERON INSTRUMENTS Branded surgical instruments are made from 100% German/ Japanese/ French Stainless Steel ASTM 410 and 420 Grade to ensure the highest quality and impeccable functionality. These instruments are fully guaranteed for the quality of material and workmanship and have been subjected to an established quality control process that consists of a comprehensive product inspection that verifies the form, fit and function of all the instruments.

Acheron Forceps and Scissors are made of the finest stainless steel, processed to obtain optimum corrosion resistance, resilience and strength.

Ratchets on Acheron Vascular Clamps provide indispensable finite control for arterial clamping. Ratchets are designed with the steps (1 x 7, 1 x 9, 1 x 11) to furnish the specific amounts of required compression.

Acheron DeBakey Jaws are designed to clamp and hold without slipping. Cardiovascular clamps featuring these jaws will grip tissue delicately but firmly, or will completely occlude a vessel, reducing the danger of crushing or causing undue damage to the intima.

We are able to provide **laser surface or ebonized finishes** for most stainless steel instruments to provide the appropriate reflection-lowering finish for their use in laser surgery.

We continually strive to improve our products; therefore, changes may result. All specifications and measurements in this Catalog may vary within accepted industry standards or change without notice. Acheron will not be responsible for any printing errors contained herein.

Measurements given in our Catalog refer to overall length, unless specified otherwise.

Reproduction of illustrations or descriptions is prohibited without the express written consent of Acheron.

ACHERON® SURGICAL INSTRUMENTS

Guarantee/Warranty



This warranty information may be modified from time to time by ACHERON. Please check the ACHERON Instruments online catalog website for the most current warranty information: www.acheron-instruments.com

Except as provided below, all surgical instruments stamped or etched with the Acheron Brand shall be free from manufacturing defects in material or workmanship for the life of the instrument. Acheron's sole responsibility under all warranty shall be, at Acheron's option, This guarantee is void if instruments are not maintained or repaired properly, or if they are not used for their intended surgical purpose.

NEEDLE HOLDERS

Acheron Needle Holders containing Tungsten Carbide (TC) inserts are warranted against cracking or fragmenting in the jaw for three (3) years.

TUNGSTEN CARBIDE INSERTS

Acheron Scissors, Needle Holders and Wire Cutters that obtain Tungsten Carbide (TC) inserts are guaranteed for three (3) years. Replacement parts, such as springs, are guaranteed for one (1)

NON-DISPOSABLE LAPAROSCOPIC INSTRUMENTS

Acheron Non-Disposable Laparoscopic Instruments are warranted against failure in normal use for one (1) year. This warranty does not cover routine sharpening or refurbishment, or repair of damage caused by misuse.

The above warranties are contingent upon the proper maintenance and use of the instruments and do not cover instruments that have been modified without Acheron's approval or which have been subjected to unusual stress, or on which the original identification marks have been removed or altered.

TELESCOPES AND LIGHT CARRIERS

All light carriers and Rod Lens Telescopes etched with the Acheron Name shall be free from manufacturing defects in material or workmanship. Any parts proving defective in the first 12 months of ownership will be serviced, repaired or replaced at Acheron's option, free of charge.

This limited warranty is the only warranty provided by Acheron. Acheron disclaims all other warranties, either express or implied, including but not limited to implied warranties of merchantability and fitness for particular purpose. In no event shall Acheron have any liability for indirect, consequential, special, incidental or punitive damages, however caused, on any theory of liability and whether or not it has been advised of the possibility of such damages.

CUSTOMER SERVICE & ORDERING INFORMATION



Our highly trained customer service team is available to assist you with all your customer service needs including:

- New account establishment or account changes
- Order placement
- Order inquiries
- Delivery information
- Pricing inquiries
- Product information
- Product returns

Head Office/ Mailing Address:

Building # 349 Block A, Jubilee Town
Canal Road Lahore , Pak-istan.

Corporate Office:

Building # 381 Block E, 1st Floor Johar
Town Lahore , Pakistan.

Production Unit # 1:

Building # 4, 1st Floor, Street # 2
Wakil Town, Muradpur Street-
Korpur, Marala Road Sialkot,
Pakistan

Production Unit # 2:

Shahab Pura, Ugoki Road near
Saga Chowk Sialkot-Pakistan

Phone:

Call: +923334301417

Whatsapp: +923004301497

To make an inquiry or to place an order in
the **Pakistan**, please contact Customer
Service at +923074309880 or
info@Acheron-instruments.com



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CARE AND CLEANING



High quality surgical instruments are typically made from surgical grade stainless steel (i.e., 410, 420, etc.). The grade varies by manufacturer and by type of instrument. For example, a scissor may be fabricated of 420 stainless steel to enable the blades to be hardened adequately for long life. A forceps on the other hand usually does not require the same hardness, and may be fabricated from a 410 grade.

Malleable retractors are made of yet another grade. The grade of stainless steel selected for specific instruments is critical for long serviceability. The grade of steel reflects its hardness and its resistance to corrosion. Unfortunately, there is an inverse relationship; that is, the more the steel can be hardened, the greater its susceptibility to corrosion.

In an effort to reduce corrosion problems, Acheron specially treats (passivates) its instruments to make the surface less chemically active with its environment. All Instruments feature this special high gloss finish. This finish reduces the number of pits in the instrument, which in turn reduces the number of sites where corrosion can occur. These steps are necessary due to the environment, which is very harsh as a consequence of the composition of blood and other fluids, the chemicals used to clean and disinfect the instruments, and finally the methods used to sterilize them.

USE

Use instruments for their intended purpose only.

CLEANING

Instruments should be thoroughly cleaned with cleaners such as: Liquid Detergent, Instrument Cleaner as soon as possible after use. Once blood or other foreign matter has dried, removal is very difficult.

If left in place these contaminants can provide sites for corrosion to begin. Distilled water (pH near 7) is recommended for soaking and cleaning instruments. If cleaning manually, avoid use of wire brushes or abrasive powders as these can create sites for corrosion. An ultrasonic cleaner is recommended.

CARE

After a thorough cleaning, instruments with moving parts should be lubricated to keep surfaces lubricated. It is important to use water soluble lubricating agents only.

STERILIZATION

The use of repeated flash cycles is damaging to instruments; therefore, a standard steam cycle is preferred. Instruments should be arranged in an open position and instruments fabricated from different metals should be separated to avoid electrochemical reactions. Refer to the sterilizer manufacturer's instructions and guidelines for proper sterilization techniques

To locate Instructions For Use (IFU) and Cleaning and Sterilization Instructions for acheron® Instruments, go to: www.acheron-instruments.com

POLICIES AND PROCEDURES



TERMS AND CONDITIONS

Standard terms are; F.O.B. shipping point, unless otherwise approved in writing by Acheron.

All orders are subject to approval and acceptance by Acheron.

Acheron reserves the right to alter or suspend credit, refuse shipment or cancel unfilled orders, when credit conditions or delivery delays from the customer warrant such action.

PARTIAL SHIPMENTS AND SPECIAL ORDERS

Due to demand for certain products, Acheron cannot guarantee that every product will be available for immediate shipment. If a back order situation occurs, partial shipment will be made where possible. Your invoice will indicate any product on back order.

If partial shipments are not acceptable or practical, we will make every effort to ship the complete order at the earliest possible time.

Certain products are built to order and are subject to availability of raw materials. These products may require longer lead times.

RETURN GOODS POLICY

All returns must be accompanied by a "Return Goods Authorization Number" which is available by calling our Customer Service Department. Acheron's invoice number, order number and date of receipt of goods must be supplied to customer service in order to obtain a return goods number.

All returns must be made within sixty (60) days of invoice date. The products must be unused and in the original packaging.

Returned goods must be shipped prepaid to Acheron Head Office mailing address

The goods should also be accompanied by a copy of the invoice or packing list and a return goods authorization number. The following items are non-returnable, other than for a manufacturing defect:

- Sterilized products
- Discontinued products
- Engraved instruments or instruments etched by hospital
- Instruments returned after sixty (60) days of invoice date
- Custom or modified items
- Silicone goods
- Disposable products



Acheron Instruments

(Manufacturers & Exporters of Surgical, Dental, Ophthalmic, Laparoscopy, Veterinary & Beauty Instruments)

YOUR
HEALTH
IS OUR
MAIN
CONCERN



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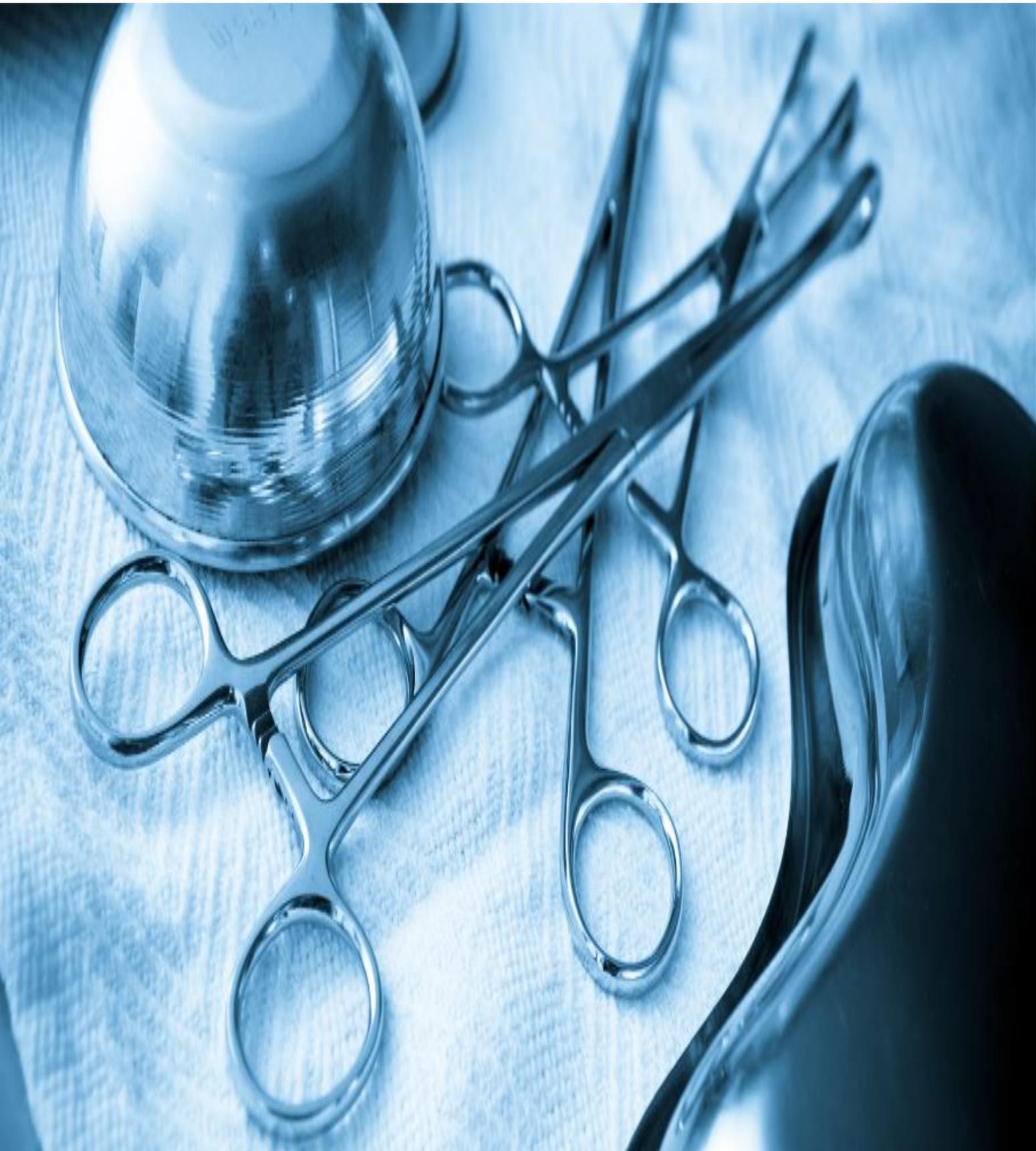
INSTRUMENTATION SERVICES

In addition to providing our customers with a comprehensive product line of surgical instruments, Acheron also offers the following services:

- Custom Instruments Service
- Complimentary Instrument Etching
- Special Instrument Finishes

For more information on these services, please contact your Acheron® Sales Specialist or customer service at +923074309880





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SCALES AND GAUGES



CONVERSION SCALE

TO CONVERT FROM	TO	MULTIPLY BY
Ounces (AVDP.)	Grams	28.349523
Ounces (APOTH.)	Grams	31.103486
Grains	Grams	0.06479891
Pounds (AVDP.)	Kilograms	0.45359237
Inches	Centimeters	2.54
Feet	Meters	0.3048
Yards	Meters	0.9144
Ounces (U.S. Fluid)	Cubic Centimeters	29.573730
Ounces (British Fluid)	Cubic Centimeters	28.41305
Quarts (U.S. Fluid)	Liters	0.9463264
Cubic Inches	Cubic Centimeters	16.387064
Grams	Grains	15.432358
Grams	Ounces (AVDP.)	0.35273962
Grams	Ounces (APOTH.)	0.32150737
Kilograms	Pounds (AVDP.)	2.2046226
Millimeters	Inches	0.039370079
Centimeters	Inches	0.39370079
Meters	Feet	3.2808399
Cubic Centimeters	Cubic Inches	0.61023744
Cubic Centimeters (Fluid)	Ounces (U.S. Fluid)	0.33814023
Liters	Quarts (U.S. Fluid)	1.056718

FAHRENHEIT AND CENTIGRADE SCALES

F°	C°
500	260
401	205
392	200
383	195
374	190
356	180
347	175
338	170
329	165
320	160
311	155
302	150
284	140
275	135
266	130
248	120
239	115
230	110
212	100
203	95
194	90
176	80
167	75
140	60
122	50
113	45
105	40.56
104	40
100	37.8
98.5	36.9
95	35
86	30
77	25
68	20
50	10
41	5
32	0
23	-5
14	-10
+5	-15
-4	-20
-13	-25
-22	-30
-40	-40
-76	-60

SCALES AND GAUGES



COMPARATIVE SCALES OR GAUGES

DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
1/3		1	
1/2	1		
2/3		2	
1	2	3	
1-1/3		4	
1-1/2	3		
1-2/3		5	
2	4	6	
2-1/3		7	1
2-1/2	5		
2-2/3		8	2
3	6	9	3
3-1/3		10	
3-1/2	7		
3-2/3		11	4
4	8	12	5
4-1/3		13	
4-1/2	9		
4-2/3		14	
5	10	15	6
5-1/3		16	7
5-1/2	11		
5-2/3		17	8
6	12	18	9
6-1/3		19	10
6-1/2	13		
6-2/3		20	11

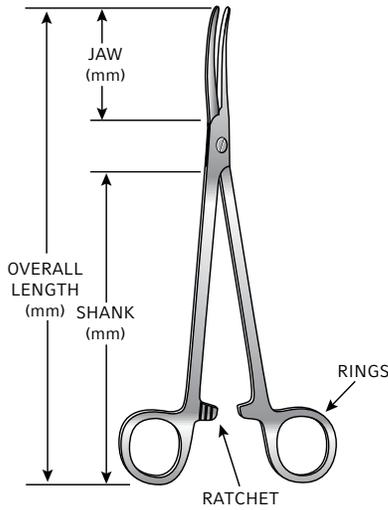
DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
7	14	21	
7-1/3		22	12
7-1/2	15		
7-2/3		23	13
8	16	24	
8-1/3		25	14
8-1/2	17		
8-2/3		26	15
9	18	27	16
9-1/3		28	17
9-1/2	19		
9-2/3		29	
10	20	30	18
10-1/3		31	19
10-1/2	21		
10-2/3		32	20
11	22	33	21
11-1/3		34	22
11-1/2	23		
11-2/3		35	23
12	24	36	24
12-1/3		37	25
12-1/2	25		
12-2/3		38	26
13	26	39	27
13-1/3		40	28



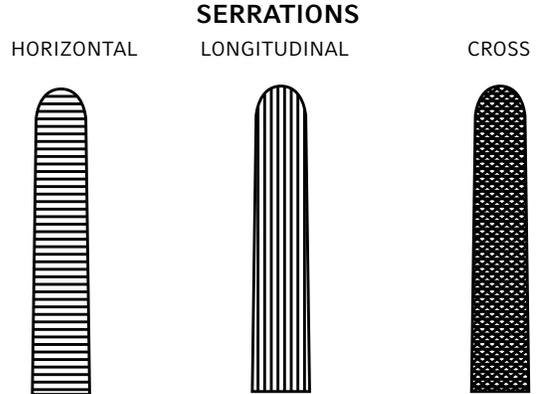


MEASURING GUIDELINES AND COMMON JAW PATTERNS OF SURGICAL INSTRUMENTS

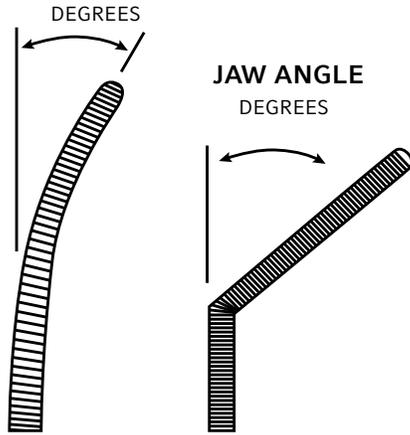
High quality, handcrafted instrument measurements will vary slightly. Instruments in this catalog are stainless steel unless otherwise noted.



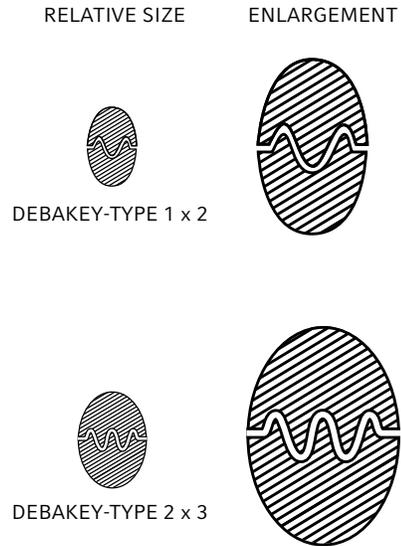
COMMON JAW SURFACES FOUND ON HEMOSTATS AND CLAMPS



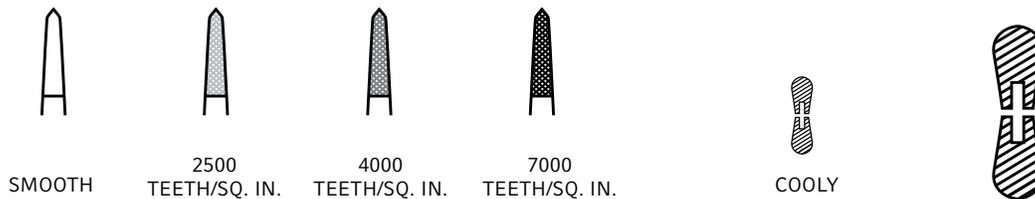
JAW CURVATURE



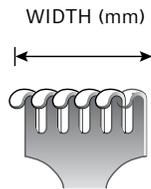
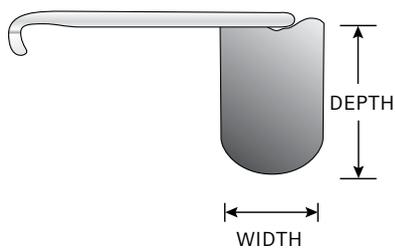
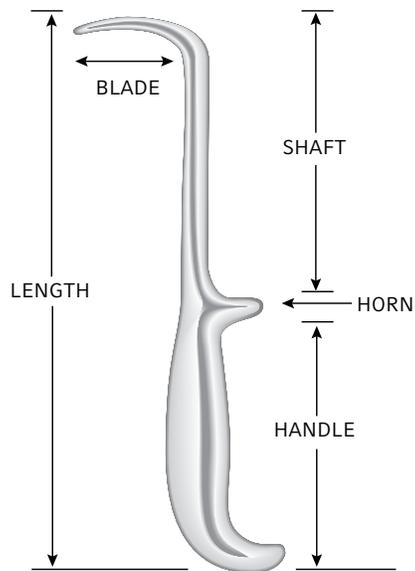
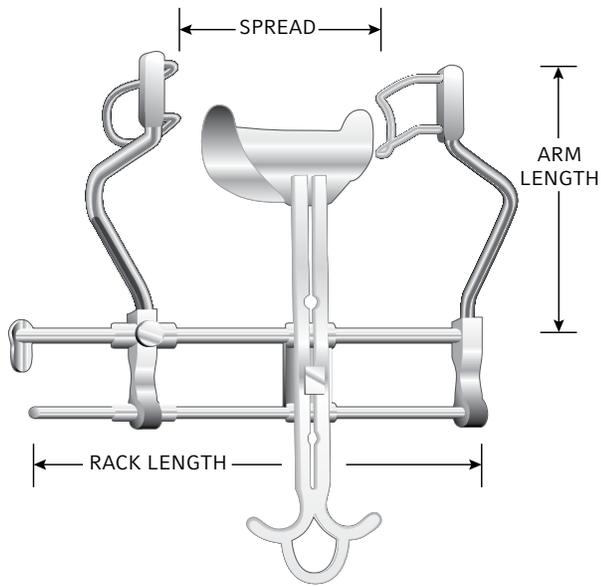
JAW CROSS SECTIONS



COMMON SURFACES FOUND ON NEEDLE HOLDERS WITH TUNGSTEN CARBIDE INSERTS

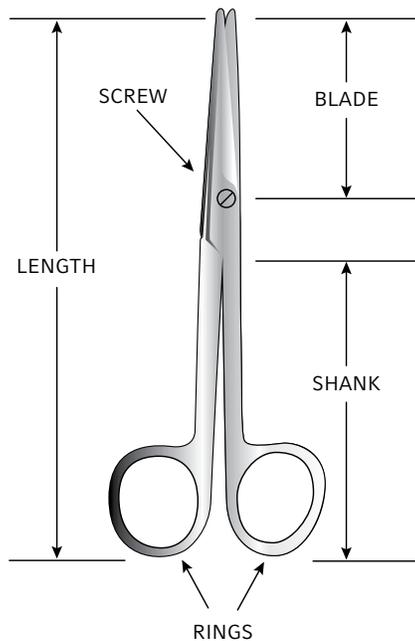
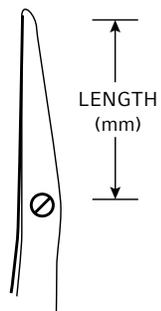


FROM INNER SURFACE OF SIDE BLADES



RING HANDLE

BLADE LENGTH



BLADE CURVATURE

DEGREES



Overview





GENERAL INSTRUMENTS
Surgical Innovation and Quality



CHAPTER OVERVIEW

It has been the innovations developed through the Acheron Brand and responsiveness to the needs of healthcare professionals which have established Acheron as a leader in surgical instrumentation.

Today, in addition to the worldwide recognition for excellence achieved in the area of Cardiovascular, Thoracic and Ear/Nose/Throat surgical instrumentation, Acheron also provides a full range of Acheron General Instrumentation manufactured to our traditionally high standards of quality and value.

PRODUCTS

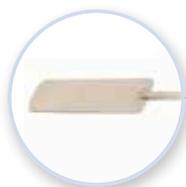
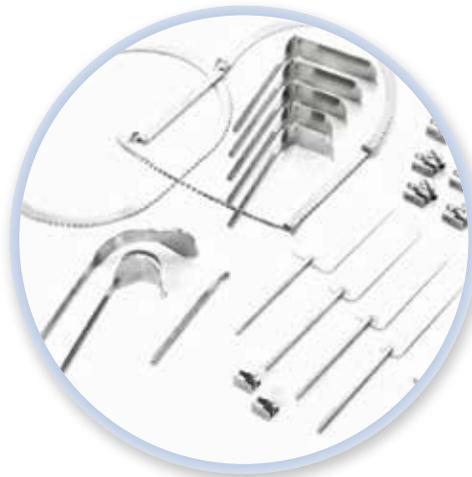
Our extensive line of Acheron General Instruments are made from German/ Japanese/ French stainless steel and include the following:

- Scissors
- Needle Holders
- Hemostats
- Dressing, Sponge and Tissue Forceps
- Knife Handles
- Hand-Held, Self-Retaining Retractors
- Suction Tubes
- Extended-Length Instruments
- Trays
- And many more

FEATURED PRODUCT

CircuTract Retracting System

- Maximum exposure for optimal visibility
- Compatible with all Bookwalter Retractor Components
- Full complement of bariatric components
- Easy assembly



Bookwalter is a registered trademark of Specialty Surgical Instrumentation Inc.



KNIFE HANDLES

General



KNIFE HANDLES



352950



352951



352952



352953



352954



352957



352959

Correctly fit knife handle to standard surgical blades. The distal ends are tapered and beveled for use in blunt dissection. Each handle is contoured for firm grip, strength, manipulation and comfort. They are sold one handle each per package.

CATALOG #	DESCRIPTION
352950	Size 3, fits blade sizes 10, 11, 12 and 15
352951	Size 3L, fits blade sizes 10, 11, 12 and 15. Measures 8-3/8" (21.5 cm) not including blade.
352952	Size 3LA, fits blade sizes 10, 11, 12 and 15
352953	Size 4, fits blade sizes 20, 21, 22, 23, 24 and 25
352954	Size 4L, fits blade sizes 20, 21, 22, 23, 24 and 25. Measures 8-3/8" (21.5 cm) not including blade.
352957	Size 7, fits blade sizes 10, 11, 12 and 15
352959	Size 9, fits blade sizes 10, 11, 12 and 15

KNIFE HANDLES

General



ROUND SHAFT BEAVER BLADE HANDLES



CATALOG #	DESCRIPTION
456002	Replacement collet
456005	#3KM, 2-31/32" (7.5 cm)
456006	#3K, 4-1/8" (10.5 cm)
456007	#3KL, 6" (15 cm)

Specialty

WEBSTER SKIN GRAFT KNIFE HANDLE



Use with blade no. 450205, 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
050230	Handle only

GOULIAN SKIN GRAFT KNIFE SET



Includes: 1 Webster knife handle (050230), 5 Wecprep blades (450205), 3 depth gauges and guards (050203, 050204, 050205).

CATALOG #	DESCRIPTION
050200	Complete

KNIFE HANDLES

Specialty



GOULIAN DEPTH GAUGE AND GUARDS



050203

2-3/8" (6 cm). Use with Webster knife handle (050230), Wecprep blades (450205).

CATALOG #	DESCRIPTION
050201	0.004"
050202	0.006"
050203	0.008"
050204	0.010"
050205	0.012"
050206	0.014"
050207	0.016"
050208	0.018"
050209	0.020"
050211	0.024"
050212	0.026"
050213	0.028"

WECPREP BLADES



450205

Single edge carbon steel blade. Use with 050200 and 050230.

CATALOG #	DESCRIPTION
450205	2-1/4" (5.5 cm), carton of 50

HOLINGER LARYNGEAL KNIFE HANDLE



506705

For use with surgical blades no. 10, 11, 12 and 15.

CATALOG #	DESCRIPTION
506705	11" (28 cm)



FORCEPS AND CLAMPS

Sponge Forceps

BALLENGER SPONGE FORCEPS



121412

CATALOG #	DESCRIPTION
121410	Straight, smooth jaws, 7-1/4" (18.5 cm)
121412	Straight, serrated jaws, 7-1/4" (18.5 cm)
121422	Curved, serrated jaws, 7" (18 cm)

FOERSTER SPONGE FORCEPS

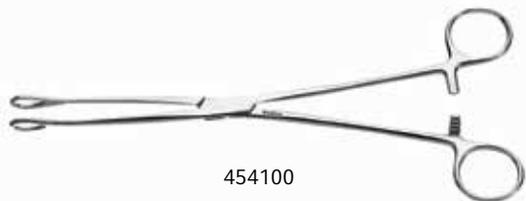


121417

satin finish.

CATALOG #	DESCRIPTION
121415	Straight, smooth jaws, 9-3/4" (25 cm)
121417	Straight, serrated jaws, 9-3/4" (25 cm)
121427	Curved, serrated jaws, 9-1/2" (24 cm)

FOERSTER SPONGE FORCEPS



454100

Pattern, bright finish.

CATALOG #	DESCRIPTION
454100	Straight, cross serrated jaws, 9-1/2" (24 cm)

0 in

1

2

3

4

5

6

7

8

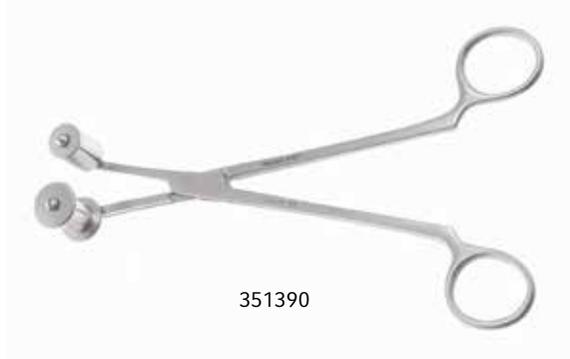
9

FORCEPS AND CLAMPS

Tubing Clamps



GUNNAR ROLLER CLAMPS



351390

CATALOG #	DESCRIPTION
351390	For "milking" pump tubing 1/2" (12.5 mm) diameter, 7-1/8" (18 cm)

LORE TUBE HOLDING FORCEPS



536275

Full serrations, serrated jaws grasp drape without puncturing. Fitting on shanks holds tubing securely and without drag when not in use. Suction tube may be stored in protective metal sleeve.

CATALOG #	DESCRIPTION
536275	Angled, 2.6 mm tip, 6-1/4" (16 cm)

MORSE TOWEL CLIP TUBING HOLDERS



351353

For holding extracorporeal tubing to drapes giving positive fixation. The serrated inner surface of the tube holding ring closes down on the tubing but does not collapse or reduce the lumen. Sizes listed are for outside diameter of extracorporeal tubing.

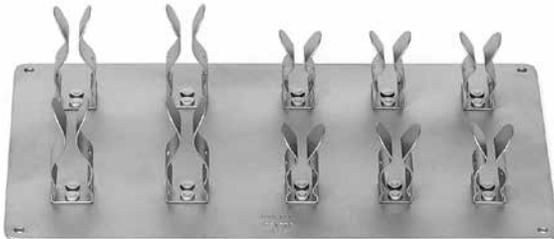
CATALOG #	DESCRIPTION
351351	For 3/16" and 1/4" tubing
351352	For 5/16" and 3/8" tubing
351353	For 7/16" and 1/2" tubing
351354	For 9/16" and 5/8" tubing
351355	For 11/16" and 3/4" tubing

FORCEPS AND CLAMPS

Tubing Clamps



NICHOLS TUBING HOLDER

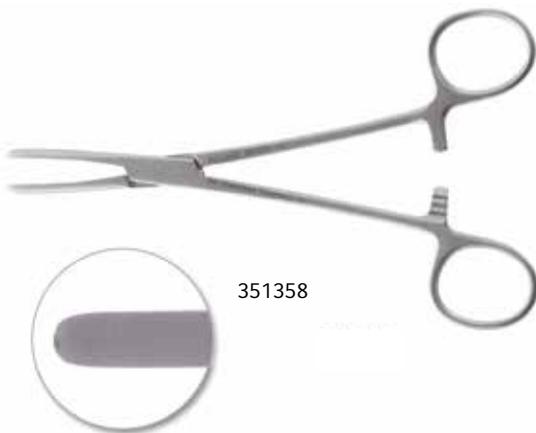


351370

Specially designed to hold and support the weight of the various diameters of tubing used by the pump-oxygenator, keeping them "in-line."

CATALOG #	DESCRIPTION
351370	4-1/2" x 7-1/4" (11.4 x 18.5 cm) metal plate is perforated so it may be held in place with towel clamps.

PRESBYTERIAN HOSPITAL TUBING CLAMP



351358

Durable construction with smooth jaws for clamping off tubing without damage.

CATALOG #	DESCRIPTION
351358	6-1/2" (16.5 cm)

0 in

1

2

3

4

5

6

7

8

9



FORCEPS AND CLAMPS

Tubing Clamps

VORSE TUBING OCCLUDING CLAMPS



Heavy construction with jaws designed for positive occlusion of Silastic, Tygon and similar thick-walled tubings.

CATALOG #	DESCRIPTION
351373	For tubing 1/4" I.D. (3/8" O.D.), 6-1/8" (15.5 cm)
351374	For tubing 3/8" I.D. (5/8" O.D.), 7-3/8" (18.5 cm)
351375	For tubing 1/2" I.D. (7/8" O.D.), 8-1/8" (20.5 cm)

VORSE TUBING OCCLUDING CLAMPS WITH SAFETY GUARD



The familiar Vorse-type tube-occluding clamp supplied with a safety guard to prevent the box-lock from puncturing the tubing. Heavy construction with jaw designed for positive non-slip occlusion of Silastic, Tygon and similar thick-walled tubing.

CATALOG #	DESCRIPTION
351376	For tubing 1/4" I.D. (3/8" O.D.), 6-1/8" (15.5 cm)
351377	For tubing 3/8" I.D. (5/8" O.D.), 7-3/8" (18.5 cm)
351378	For tubing 1/2" I.D. (7/8" O.D.), 8-1/8" (20.5 cm)



FORCEPS AND CLAMPS

Towel Clamps

EDNA TOWEL FORCEPS



satin finish.

CATALOG #	DESCRIPTION
121655	Single row of non-penetrating teeth, 5-1/2" (14 cm)
121656	4" (10 cm)

EDNA NON-PERFORATING TOWEL CLAMPS



bright finish.

CATALOG #	DESCRIPTION
454320	3-3/4" (9.5 cm)
454322	5-3/8" (13.5 cm)

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FORCEPS AND CLAMPS

Towel Clamps



BACKHAUS TOWEL CLAMPS



454305

Bright finish.

CATALOG #	DESCRIPTION
454300	3-1/2" (9 cm)
454305	5-1/4" (13.5 cm)

BACKHAUS TOWEL FORCEPS



121600

Satin finish.

CATALOG #	DESCRIPTION
121605	3-1/2" (9 cm)
121600	5-1/4" (13.5 cm)

BACKHAUS TOWEL FORCEPS



447050

CATALOG #	DESCRIPTION
447050	3-1/2" (9 cm)

FORCEPS AND CLAMPS

Towel Forceps



JONES CROSS-ACTION TOWEL FORCEPS



121640

CATALOG #	DESCRIPTION
121640	3-1/2" (9 cm)

PEERS TOWEL FORCEPS



121650

Double opposing row of non-penetrating teeth.

CATALOG #	DESCRIPTION
121650	5-3/4" (14.5 cm)

ROEDER TOWEL FORCEPS



121610

CATALOG #	DESCRIPTION
121610	With ball stops, 5-1/4" (13.5 cm)

FORCEPS AND CLAMPS

Splinter Forceps



CARMALT SPLINTER FORCEPS



KM39412

CATALOG #	DESCRIPTION
KM39410	Straight, serrated, 4-3/8" (11 cm)
KM39412	Curved, serrated, 4-3/8" (11 cm)

FEILCHENFELD SPLINTER FORCEPS



KM39386

CATALOG #	DESCRIPTION
KM39386	Straight, serrated, 3-1/4" (8.5 cm)
KM39390	Straight, serrated, 4-1/2" (11.5 cm)

PLAIN SPLINTER FORCEPS



KM39364

CATALOG #	DESCRIPTION
KM39364	Straight, serrated, 3-1/2" (9 cm)
KM39366	Straight, serrated, 0.6 mm tip, 4-1/2" (11.5 cm)

SPLINTER FORCEPS



181559

CATALOG #	DESCRIPTION
181556	Straight, serrated, 3-1/8" (8 cm)
181557	Straight, serrated, 4" (10 cm)
181559	Straight, serrated, 5" (12.5 cm)



FORCEPS AND CLAMPS

Splinter Forceps

VANGUARD SPLINTER LIBERATOR



KM39534

CATALOG #	DESCRIPTION
KM39534	Trocar in reversible handle, 5" (12.5 cm)
KM39536	Trocar point only

VIRTUS SPLINTER FORCEPS



KM39478

CATALOG #	DESCRIPTION
KM39478	Straight, serrated, 6" (15 cm)

WILLIAMS SPLINTER FORCEPS



KM39509

CATALOG #	DESCRIPTION
KM39509	Straight, serrated, 5-1/2" (14 cm)
KM39511	45 degree angled, serrated, 5-1/4" (13.5 cm)
KM39513	90 degree angled, serrated, 5-1/2" (14 cm)



KM39511



KM39513

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FORCEPS AND CLAMPS

Dressing Forceps



THUMB DRESSING FORCEPS



181106

Satin finish. Standard, serrated tips.

CATALOG #	DESCRIPTION
181102	2.7 mm tip, 5" (12.5 cm)
181104	3.4 mm tip, 5-1/2" (14 cm)
181106	3.5 mm tip, 6" (15 cm)
181108	4 mm tip, 7-1/4" (18.5 cm)

THUMB DRESSING FORCEPS



465115

bright finish. Standard, serrated tips.

CATALOG #	DESCRIPTION
465100	2.6 mm tip, 4-5/8" (11.5 cm)
465105	2.7 mm tip, 5" (12.5 cm)
465110	3 mm tip, 5-5/8" (14.5 cm)
465115	3.5 mm tip, 6-1/4" (16 cm)
465120	3.6 mm tip, 7-7/8" (20 cm)
465125	4 mm tip, 9-7/8" (25 cm)
465130	4.7 mm tip, 12" (30.5 cm)

THUMB FORCEPS



465160

bright finish. Narrow, serrated tips.

CATALOG #	DESCRIPTION
465150	2 mm tip, 4-5/8" (11.5 cm)
465155	2 mm tip, 5" (12.5 cm)
465160	2 mm tip, 5-5/8" (14.5 cm)
465165	2 mm tip, 6" (15 cm)
465170	2.1 mm tip, 7-7/8" (20 cm)

ADSON DRESSING FORCEPS



181220

Satin finish.

CATALOG #	DESCRIPTION
181220	4-3/4" (12 cm)



FORCEPS AND CLAMPS

Dressing Forceps

ADSON DRESSING FORCEPS



057200

Serrated tip.

CATALOG #	DESCRIPTION
057200	Standard, 1.3 mm tip, 4-3/4" (12 cm)
057202	Delicate, 1.2 mm tip, 5" (12.5 cm)

ADSON DRESSING FORCEPS TC



057205

Tungsten carbide.

CATALOG #	DESCRIPTION
057205	Standard, 4-3/4" (12 cm), TC

ADSON DRESSING FORCEPS



KM39060

micro tip.

CATALOG #	DESCRIPTION
KM39058	Micro tip, serrated, 1 mm tip, 4-3/4" (12 cm)
KM39060	Delicate, serrated, 1.2 mm tip, 4-3/4" (12 cm)
KM39062	Standard tip, serrated, 4-3/4" (12 cm)
KM39059	Micro serrated, 1 mm tip, 6" (15 cm)
KM39052	Serrated, 1.2 mm tip, 6" (15 cm)

EWALD DRESSING FORCEPS



181237

satin finish. Delicate tips designed for careful handling of tissue. Handles are broad for comfortable, secure grasp.

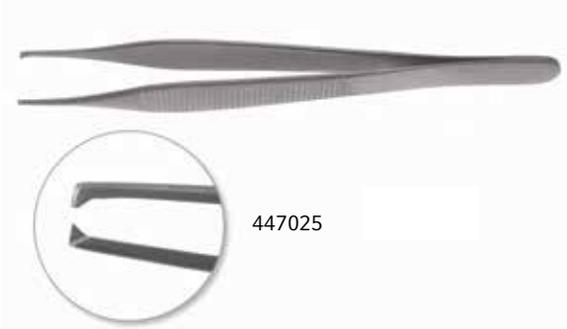
CATALOG #	DESCRIPTION
181237	Serrated, 4-3/4" (12 cm)

FORCEPS AND CLAMPS

Dressing Forceps



ADSON LASER TISSUE FORCEPS



Ebonized.

CATALOG #	DESCRIPTION
447025	1 x 2 teeth, 4-3/4" (12 cm)

CUSHING DRESSING FORCEPS



Serrated handles, scraper end.

CATALOG #	DESCRIPTION
181410	Straight, serrated tips, 7" (18 cm)

CUSHING DRESSING FORCEPS TC



CATALOG #	DESCRIPTION
351860	Straight, 6-7/8" (17.5 cm), TC

CUSHING DRESSING FORCEPS



bright finish.

CATALOG #	DESCRIPTION
466200	Straight, serrated, 1.5 mm tip, 7" (18 cm)

CUSHING GUTSCH DRESSING FORCEPS



Tungsten carbide.

CATALOG #	DESCRIPTION
466211	Serrated, 1.8 mm tip, 6-7/8" (17.5 cm), TC
466210	Serrated, 1.6 mm tip, 7" (18 cm), TC



FORCEPS AND CLAMPS

Dressing Forceps

CUSHING BAYONET DRESSING FORCEPS



CATALOG #	DESCRIPTION
351861	7-1/2" (19 cm), TC

CUSHING GUTSCH BAYONET DRESSING FORCEPS



Serrated handles, scraper end.

CATALOG #	DESCRIPTION
466220	Serrated, 1.5 mm tip, 7-1/4" (18.5 cm)

GERALD DRESSING FORCEPS



These are full-size dressing forceps with only the distal portion narrowed to provide light, delicate tips that maintain alignment.

CATALOG #	DESCRIPTION
351900	Serrated, 7" (18 cm)
351902	Serrated, 9-3/4" (25 cm)

GERALD DRESSING FORCEPS TC



CATALOG #	DESCRIPTION
466225	Straight, serrated, 1.1 mm tip, 6-7/8" (17.5 cm), TC

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FORCEPS AND CLAMPS

Dressing Forceps

IRIS DRESSING FORCEPS



CATALOG #	DESCRIPTION
181600	Straight, 4" (10 cm)
181602	Slightly curved, 4" (10 cm)

DRESSING FORCEPS



CATALOG #	DESCRIPTION
KM38082	Curved, fine point serrated, 5" (12.5 cm)

GRUENWALD BAYONET FORCEPS



CATALOG #	DESCRIPTION
466151	Serrated, 2.3 mm tip, 8-3/8" (21.5 cm)



FORCEPS AND CLAMPS

Dressing Forceps

JANSEN BAYONET DRESSING FORCEPS



466150

CATALOG #	DESCRIPTION
KM55100	Serrated, 2.1 mm tip, 6-1/4" (16 cm)
466150	Serrated, 2.4 mm tip, 7-5/8" (19.5 cm)

LUCAE BAYONET DRESSING FORCEPS



027100

CATALOG #	DESCRIPTION
027100	Delicate, 1.5 mm tip, 5-1/2" (14 cm)

LUCAE BAYONET DRESSING FORCEPS



031100

CATALOG #	DESCRIPTION
031100	Serrated, 2 mm tip, 6-1/2" (16.5 cm)

THUMB BAYONET DRESSING FORCEPS



395118

CATALOG #	DESCRIPTION
395118	Angled, smooth, 7-1/4" (18.5 cm)

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FORCEPS AND CLAMPS

Dressing Forceps



NEVINS FORCEPS



CATALOG #	DESCRIPTION
466160	Straight, 1.5 mm serrated tip, 6-3/4" (17 cm)

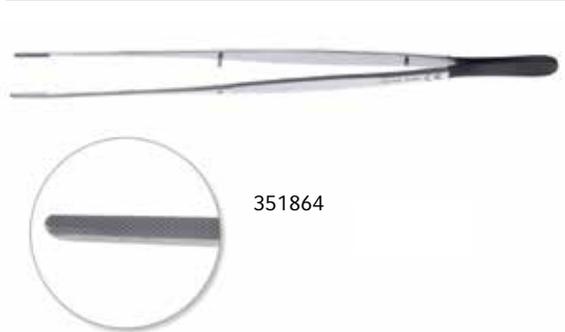
POTTS-SMITH DRESSING FORCEPS



Fine, serrated tips.

CATALOG #	DESCRIPTION
351850	7-1/4" (18.5 cm)
351852	8-1/4" (21 cm)
351854	9-5/8" (24.5 cm)
351856	10-1/4" (26 cm)
351858	11-7/8" (30 cm)

POTTS-SMITH TECHNIQUE DRESSING FORCEPS



Narrow, serrated, TC tips.

CATALOG #	DESCRIPTION
351862	7" (18 cm), TC
351863	8" (20.5 cm), TC
351864	9-3/4" (25 cm), TC
351865	10-1/4" (26 cm), TC



FORCEPS AND CLAMPS

Dressing Forceps

BRIGHAM DRESSING FORCEPS



466170

CATALOG #	DESCRIPTION
466170	Serrated, 1.7 mm dissecting tip, 6-1/8" (15.5 cm)

SEMKEN DRESSING FORCEPS



KM39086

CATALOG #	DESCRIPTION
181270	Serrated, 5" (12.5 cm)
KM39086	Serrated, 1.8 mm tip, 6" (15 cm)

Tissue Forceps

THUMB TISSUE FORCEPS



181131

satin finish. 1 x 2 teeth.

CATALOG #	DESCRIPTION
181127	2 mm tip, 5" (12.5 cm)
181129	2.6 mm tip, 5-1/2" (14 cm)
181131	2.4 mm tip, 6" (15 cm)
181133	3.3 mm tip, 7-1/4" (18.5 cm)
181139	3.4 mm tip, 11-3/4" (30 cm)

THUMB TISSUE FORCEPS



181166

satin finish.

CATALOG #	DESCRIPTION
181155	1 x 2 teeth, extra-fine 2.6 mm tip, 5-1/2" (14 cm)
181166	2 x 3 teeth, 6-1/4" (16 cm)



FORCEPS AND CLAMPS

Tissue Forceps



TISSUE FORCEPS



satin finish.



KM38304

CATALOG #	DESCRIPTION
KM38304	3 x 4 teeth, 5-1/2" (14 cm)

THUMB TISSUE FORCEPS



467115

bright finish. 1 x 2 teeth.

CATALOG #	DESCRIPTION
467100	2.0 mm tip, 4-1/2" (11.5 cm)
467105	2.2 mm tip, 5" (12.5 cm)
467110	2.2 mm tip, 5-5/8" (14.5 cm)
467115	2.3 mm tip, 6-1/4" (16 cm)
467120	2.7 mm tip, 8" (20.5 cm)
467125	3.4 mm tip, 9-5/8" (24.5 cm)

TISSUE FORCEPS



181310

satin finish.

CATALOG #	DESCRIPTION
181310	1.5 mm tip, 1 x 2 teeth, serrated, 6" (15 cm)



FORCEPS AND CLAMPS

Tissue Forceps

ADSON TISSUE FORCEPS



181228

satin finish.

CATALOG #	DESCRIPTION
181223	1 x 2 teeth, 4-3/4" (12 cm)
181225	2 x 3 teeth, 5" (12.5 cm)
181228	1 x 2 teeth, serrated, 4-3/4" (12 cm)

ADSON TISSUE FORCEPS



057207

bright finish.

CATALOG #	DESCRIPTION
057207	1 x 2 teeth, 1.3 mm tip, 4-3/4" (12 cm)
057210	Standard, 1 x 2 teeth, 1.4 mm tip, 4-3/4" (12 cm)
057212	Delicate, 1 x 2 teeth, 1.2 mm tip, 5" (12.5 cm)
057214	Delicate, serrated, 1 x 2 teeth, 1.3 mm tip, 4-7/8" (12.5 cm)
057230	2 x 3 teeth, 2 mm tip, 5" (12.5 cm)



057210

FORCEPS AND CLAMPS

Tissue Forceps



CALLISON-ADSON TISSUE FORCEPS



057220

bright finish.

CATALOG #	DESCRIPTION
057220	1 x 2 teeth with tying platform, 1.3 mm tip, 4-3/4" (12 cm)

ADSON TISSUE FORCEPS



KM39057

satin finish.

CATALOG #	DESCRIPTION
KM39056	Micro 1 x 2 teeth, 0.8 mm tip, 4-3/4" (12 cm)
KM39057	Micro 1 x 2 teeth, 0.9 mm tip, 6" (15 cm)
KM39064	Delicate 1 x 2 teeth, 4-3/4" (12 cm)
KM39050	1 x 2 teeth, 1.2 mm tip, 6" (15 cm)

ADSON-DEBAKEY TISSUE FORCEPS



KM39054

satin finish. DeBakey Teeth.

CATALOG #	DESCRIPTION
KM39054	1.5 mm tip, 4-3/4" (12 cm)

BROWN-ADSON TISSUE FORCEPS



181235

satin finish. Delicate tips designed for careful handling of tissue. Handles are broad for comfortable, secure grasp.

CATALOG #	DESCRIPTION
181235	9 x 9 teeth, 4-3/4" (12 cm)

BROWN-ADSON TISSUE FORCEPS



057250

, satin finish.

CATALOG #	DESCRIPTION
057250	7 x 7 teeth, 2 mm tip, 4-3/4" (12 cm)



FORCEPS AND CLAMPS

Tissue Forceps

ADSON BROWN LASER TISSUE FORCEPS



Ebonized.

CATALOG #	DESCRIPTION
447030	Straight, 9 x 9 teeth, 4-3/4" (12 cm)

EWALD TISSUE FORCEPS



satin finish. Delicate tips designed for careful handling of tissue. Handles are broad for comfortable, secure grasp.

CATALOG #	DESCRIPTION
181240	1 x 2 teeth, 4-3/4" (12 cm)

HUDSON TISSUE FORCEPS



CATALOG #	DESCRIPTION
057215	1 x 2 teeth, heavy, 1.5 mm tip, 5" (12.5 cm)



FORCEPS AND CLAMPS

Tissue Forceps

BEASLEY-BABCOCK TISSUE FORCEPS



CATALOG #	DESCRIPTION
057302	6 x 6 teeth, 5-1/4" (13.5 cm)

BONNEY TISSUE FORCEPS



Strong, rugged construction. Serrated tying platform. Non-slip handles.

CATALOG #	DESCRIPTION
640524	1 x 2 teeth, 3.3 mm tip, 6-3/4" (17 cm)
181327	2 x 3 teeth, 6-3/4" (17 cm)

BROWN TISSUE FORCEPS



Small 9 x 9 sets of teeth run longitudinally along narrow jaws.

CATALOG #	DESCRIPTION
181255	6" (15 cm)
342965	8" (20.5 cm)
342967	9-1/2" (24 cm)



FORCEPS AND CLAMPS

Tissue Forceps

CUSHING BAYONET TISSUE FORCEPS



468240

Serrated handles, scraper end.

CATALOG #	DESCRIPTION
468240	1 x 2 teeth, 7-1/4" (18.5 cm)

CUSHING GUTSCH TISSUE FORCEPS



468230

CATALOG #	DESCRIPTION
468230	1 x 2 teeth, serrated, 7" (18 cm)

CUSHING TISSUE FORCEPS



468220

CATALOG #	DESCRIPTION
468220	1 x 2 teeth, serrated, 7" (18 cm)

DEBAKEY THORACIC TISSUE FORCEPS



342980

The row of 1 x 2 DeBakey-type serrations on the tips are designed to be large and strong enough to handle relatively large masses of tissue. Because of the groove construction and light spring tension, they may be used to hold and handle suture material as well. These forceps are of heavier design than the DeBakey Vascular Tissue Forceps (351800 through 351814 on pg. 50). The distal portion is tapered to a 3 mm DeBakey-type tip.

CATALOG #	DESCRIPTION
342980	Straight, 3 mm tip, 6-1/8" (15.5 cm)
342981	Straight, 3 mm tip, 7-3/4" (19.5 cm)
342982	Straight, 3 mm tip, 9-1/2" (24 cm)
342984	Straight, 3 mm tip, 12" (30.5 cm)
342986	Angled, 3 mm tip, 12" (30.5 cm)

342986

FORCEPS AND CLAMPS

Tissue Forceps

DEBAKEY VASCULAR TISSUE FORCEPS



351800



351810

Standard. The distal 2 cm of these forceps is a narrow DeBakey-type serration with a width of 2 mm. The body of the instrument is constructed especially to prevent feathering, and all pins and projections have been omitted to help eliminate suture catchers. Jaws are very well-fitted for handling tiny vessels as well as the smallest suture material.

CATALOG #	DESCRIPTION
351800	Straight, 2 mm tip, 6" (15 cm)
351802	Straight, 2 mm tip, 7-3/4" (19.5 cm)
351804	Straight, 2 mm tip, 9-1/2" (24 cm)
351808	Straight, 2 mm tip, 12" (30.5 cm)
351810	Angled, 2 mm tip, 6" (15 cm)
351812	Angled, 2 mm tip, 7-3/4" (19.5 cm)
351814	Angled, 2 mm tip, 9-1/2" (24 cm)

DEBAKEY-DIETRICH DELICATE VASCULAR TISSUE FORCEPS



351803



Designed for micro-vascular and coronary artery surgery. The distal portion is tapered to a 1 mm extra-fine DeBakey-type serration.

CATALOG #	DESCRIPTION
351801	Straight, delicate, 1 mm tip, 6" (15 cm)
351803	Straight, delicate, 1 mm tip, 7-3/4" (19.5 cm)
351806	Straight, delicate, 1 mm tip, 9-1/2" (24 cm)

DEBAKEY ULTRALIGHT FORCEPS



351821



Approximately one-half the weight of standard DeBakey Forceps, similar to that of titanium but at a much lower price. Ebonized stainless steel to reduce glare. Reduced tension minimizes fatigue and allows better control of delicate tissues.

CATALOG #	DESCRIPTION
351820	1.5 mm tip, 6" (15 cm)
351821	1.5 mm tip, 7-3/4" (19.5 cm)

FORCEPS AND CLAMPS

Tissue Forceps



DEBAKEY CARBIDE FORCEPS



351817

DeBakey-type serrations at distal tip. Tungsten carbide insert behind the jaw for secure needle pulling actions.

CATALOG #	DESCRIPTION
351815	Regular forceps, 6" (15 cm), TC
351817	Regular forceps, 7-3/4" (19.5 cm), TC
351818	Delicate forceps, 7-3/4" (19.5 cm), TC
351819	Regular forceps, 9-1/2" (24 cm), TC
351824	Delicate forceps, 9-1/2" (24 cm), TC



351818

VASCULAR DEBAKEY BAYONET TISSUE FORCEPS



351845

DeBakey-type serrations with a bayonet shape. Angled handles for difficult access and increased visibility.

CATALOG #	DESCRIPTION
351845	Fine, 1.3 mm tip, 7-3/4" (19.5 cm)
351843	Standard, 2.0 mm tip, 7-3/4" (19.5 cm)



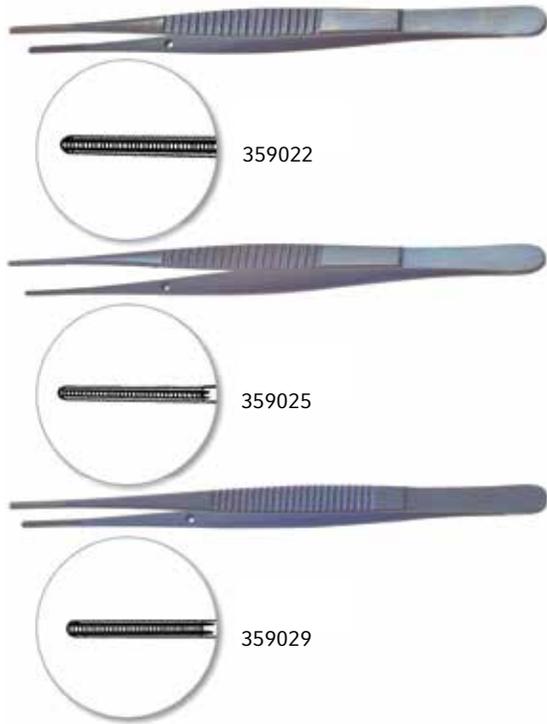
351843

FORCEPS AND CLAMPS

Tissue Forceps



DEBAKEY TITANIUM TISSUE FORCEPS



CATALOG #	DESCRIPTION
359024	Straight, flat handle, 1.5 mm jaw width, 6" (15 cm)
359025	Straight, flat handle, 1.5 mm jaw width, 7-5/8" (19.5 cm)
359021	Straight, flat handle, 2.5 mm jaw width, 6" (15 cm)
359022	Straight, flat handle, 2.5 mm jaw width, 7-5/8" (19.5 cm)
359027	Straight, flat handle, 3 mm jaw width, 6" (15 cm)
359028	Straight, flat handle, 3 mm jaw width, 7-5/8" (19.5 cm)
359029	Straight, flat handle, 3 mm jaw width, 9-1/2" (24 cm)
359030	Angular, flat handle, 2.5 mm jaw width, 5-7/8" (15 cm)
359031	Angular, flat handle, 2.5 mm jaw width, 7-1/2" (19 cm)
359032	Angular, flat handle, 2.5 mm jaw width, 9-1/4" (23.5 cm)

FERRIS SMITH TISSUE FORCEPS



468190

CATALOG #	DESCRIPTION
468190	2 x 3 teeth with 4 mm serrated tying platform. 6-7/8" (17.5 cm)

GERALD TISSUE FORCEPS



351905

These are full-size tissue forceps with only the distal portion narrowed to provide light, delicate tips that maintain alignment.

CATALOG #	DESCRIPTION
351905	1 x 2 teeth, 7" (18 cm)
351907	1 x 2 teeth, 9-3/4" (25 cm)



FORCEPS AND CLAMPS

Tissue Forceps

GERALD DEBAKEY TISSUE FORCEPS



Delicate, tapered DeBakey-type serrations.



351901

CATALOG #	DESCRIPTION
351901	7" (18 cm)
351908	8" (20.5 cm)
351909	9-1/2" (24 cm)
351910	Angled, 6-7/8" (17.5 cm)



351910

GRAEFE TISSUE FORCEPS



181250

CATALOG #	DESCRIPTION
181250	5 x 6 teeth, 4-3/8" (11 cm)

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FORCEPS AND CLAMPS

Tissue Forceps



IRIS TISSUE FORCEPS

Delicate.



181610



181614

CATALOG #	DESCRIPTION
181610	Straight, 1 x 2 teeth, 4" (10 cm)
181614	Full curve, 1 x 2 teeth, 3-3/4" (9.5 cm)
181604	Full curve, 3-3/4" (9.5 cm)

SEMKEN TISSUE FORCEPS



181272

These delicate forceps are midway in size between Iris forceps and delicate standard tissue forceps.

CATALOG #	DESCRIPTION
181272	1 x 2 teeth, 5" (12.5 cm)
KM39088	1 x 2 teeth, 6-1/4" (16 cm)



FORCEPS AND CLAMPS

Tissue Forceps

NELSON TISSUE FORCEPS



CATALOG #	DESCRIPTION
342950	6 x 7 sharp, fine teeth, 9" (23 cm)

SINGLEY TISSUE FORCEPS



Serrated ring end 8.5 mm wide. Medium-heavy construction.

CATALOG #	DESCRIPTION
342933	9" (23 cm)

ADAMS TISSUE FORCEPS



CATALOG #	DESCRIPTION
351835	Delicate, 1 mm tip, 8" (20.5 cm), TC

TUTTLE THORACIC TISSUE FORCEPS



Light construction. Ring tips 6.8 mm wide.

CATALOG #	DESCRIPTION
342935	9" (23 cm)

FORCEPS AND CLAMPS

Tissue Forceps



CORONARY ULTRA-FINE TISSUE FORCEPS



351838

Tungsten carbide.

CATALOG #	DESCRIPTION
351837	7" (18 cm), TC
351838	8" (20.5 cm), TC
351839	9" (23 cm), TC

WHEELER TECHNIQUE PLAQUE AND VESSEL FORCEPS



351827

Very powerful grip at tip.

CATALOG #	DESCRIPTION
351825	DeBakey®-type jaw, 1.6 mm, 5-1/2" (14 cm)
351827	DeBakey®-type jaw, 1.6 mm, 7-1/8" (18 cm)
351829	DeBakey®-type jaw, 1.6 mm, 8-3/4" (22 cm)

CRAFOORD TISSUE FORCEPS



351898

Serrated tips are built up to provide an unusually secure grip.

CATALOG #	DESCRIPTION
351898	Serrated, 8" (20.5 cm)

POTTS-SMITH TISSUE FORCEPS



351872

Fine, serrated, 1 x 2 distal teeth.

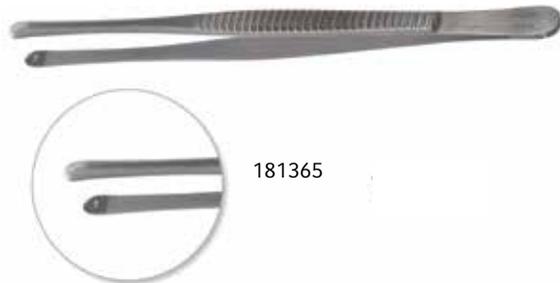
CATALOG #	DESCRIPTION
351870	7-1/4" (18.5 cm)
351872	8-1/4" (21 cm)
351874	9-1/2" (24 cm)
351876	10-1/4" (26 cm)



FORCEPS AND CLAMPS

Tissue Forceps

RUSSIAN TISSUE FORCEPS



CATALOG #	DESCRIPTION
181360	6" (15 cm)
181365	8" (20.5 cm)
181370	10" (25.5 cm)

C.W. MAYO TISSUE FORCEPS



Russian-type fenestrated tips are 6.7 mm wide and deeply serrated.

CATALOG #	DESCRIPTION
342910	9" (23 cm)

DAVIS TISSUE FORCEPS



Russian-type jaws, 7.5 mm wide.

CATALOG #	DESCRIPTION
342915	Straight, serrated, 10" (25.5 cm)

SELMAN TISSUE FORCEPS



Small diameter circular tips have meshing teeth for secure, non-damaging grip.

CATALOG #	DESCRIPTION
351840	6" (15 cm)
351841	8" (20.5 cm)
351842	10" (25.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



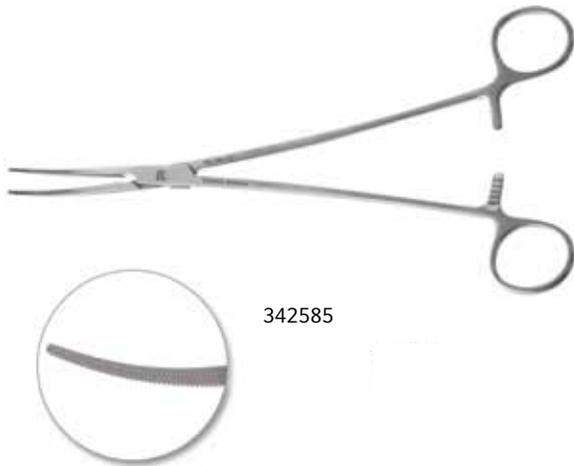
ADSON HEMOSTATIC FORCEPS



30 mm jaw, 2 mm tip, two-thirds serrations.

CATALOG #	DESCRIPTION
477190	Straight, 7-1/2" (19 cm)
477191	Curved, 7-1/8" (18 cm)

THORACIC ARTERY FORCEPS



Slim, slightly curved jaws have very light criss-cross serrations making this an excellent instrument for handling suture material as well as delicate tissue.

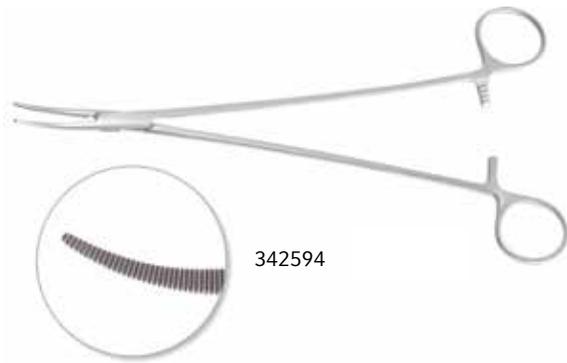
CATALOG #	DESCRIPTION
342585	Serrated, 2" (5 cm) tip length, 2 mm tip width, 9-1/4" (23.5 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



LEJEUNE THORACIC FORCEPS



CATALOG #	DESCRIPTION
342594	Slightly curved, serrated, 1-3/8" (3.5 cm) tip length, 1.8 mm tip width, 9-3/8" (24 cm)

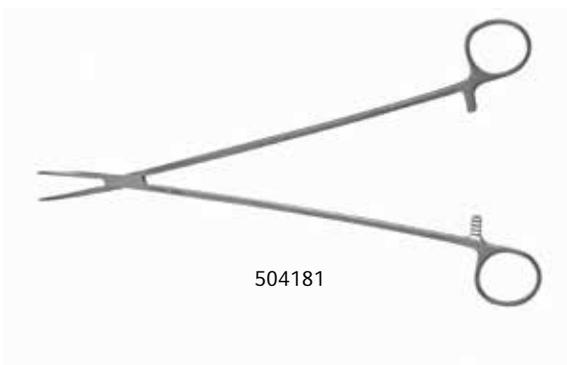
BENGOLEA FORCEPS



Lightweight, with narrow, criss-cross serrated jaws.

CATALOG #	DESCRIPTION
342587	Slightly curved, serrated, 2 mm wide tip, 8-1/2" (21.5 cm)

BRIDGE HEMOSTATIC FORCEPS



32 mm serrated jaw.

CATALOG #	DESCRIPTION
504180	Straight, 2 mm tip, 11-1/8" (28.5 cm)
504181	Curved, 2 mm tip, 11" (28 cm)
540111	Curved, 1.6 mm tip, 6-7/8" (17.5 cm)

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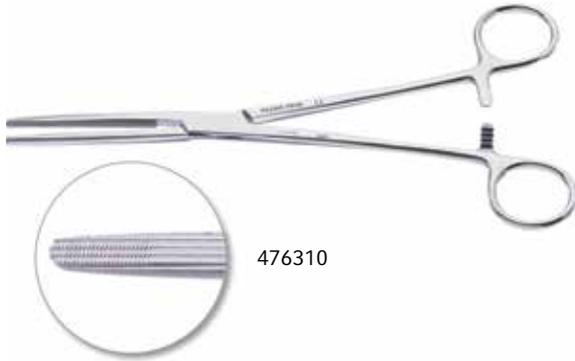


FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



CARMALT FORCEPS



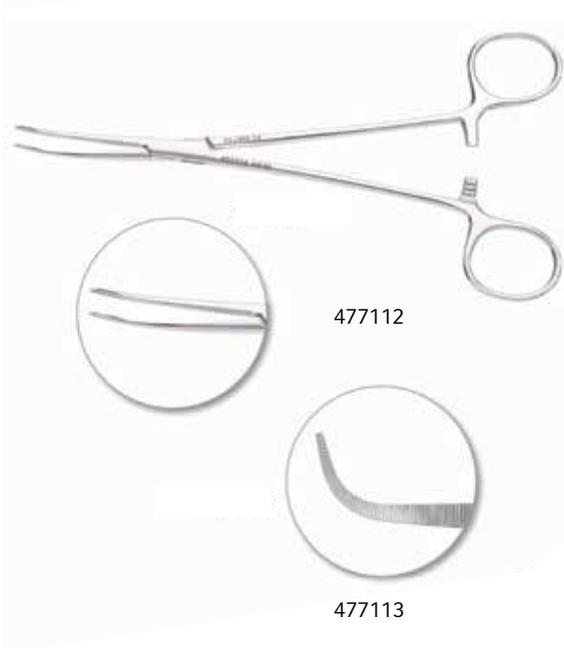
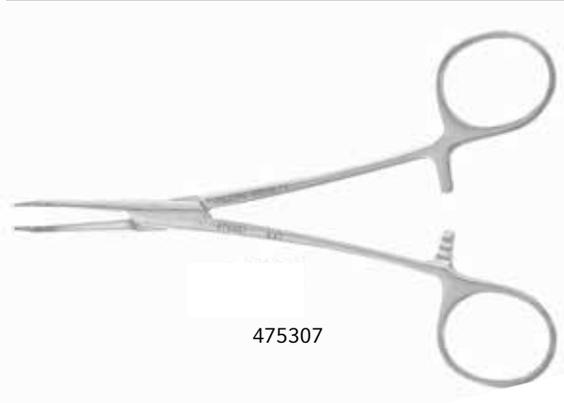
Cross-serrated tip with longitudinally serrated jaw.

CATALOG #	DESCRIPTION
476300	Straight, 43 mm jaw, 3 mm tip, 6-1/2" (16.5 cm)
476310	Straight, 58 mm jaw, 4 mm tip, 8-1/4" (21 cm)
476330	Curved, 43 mm jaw, 3 mm tip, 6-1/2" (16.5 cm)
476340	Curved, 58 mm jaw, 4 mm tip, 8-1/4" (21 cm)

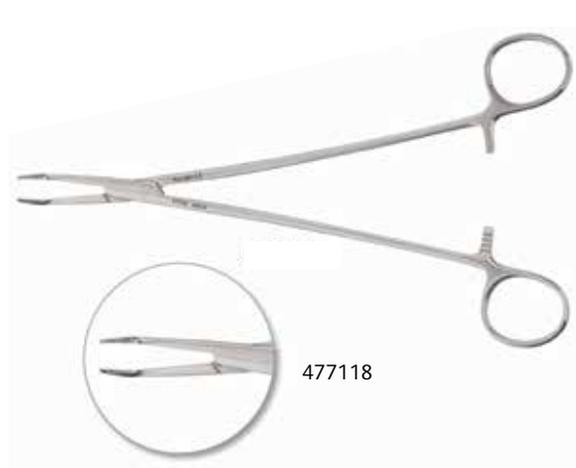
FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

COLLER FORCEPS



CATALOG #	DESCRIPTION
475305	Skillman serrations, straight, 31 x 1.7 mm tip, 5-1/2" (14 cm)
475306	Skillman serrations, curved, 29 x 1.7 mm tip, 5-3/8" (13.5 cm)
475307	Skillman serrations, strongly curved, 26 x 1.7 mm tip, 5-3/8" (13.5 cm)
477109	Straight, 38 x 1.8 mm tip, 1 x 3 catch, 6-5/8" (17 cm)
477110	Curved, 38 x 1.8 mm tip, 1 x 3 catch, 6-5/8" (17 cm)
477112	Curved, 42 x 1.7 mm tip, 1 x 3 catch, 7-1/4" (18.5 cm)
477113	Strongly curved, 37 x 1.6 mm tip, 1 x 3 catch, 7" (18 cm)
477116	Curved, 44 x 2 mm tip, 4 x 4 catch, 9-3/8" (24 cm)
477117	Strongly curved, 40 x 2 mm tip, 4 x 4 catch, 9-1/4" (23.5 cm)
477118	Angled, 32 x 2 mm tip, 4 x 4 catch, 8-7/8" (22.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



COLLIER HEMOSTATIC FORCEPS



182086

A Crile-type forceps with a lighter distal end for more delicate procedures.

CATALOG #	DESCRIPTION
182085	Straight, 5-1/2" (14 cm)
182086	Curved, 5-1/2" (14 cm)
182090	Straight, 6-1/4" (16 cm)
182095	Curved, 6-1/4" (16 cm)
182097	Straight, 7-3/4" (19.5 cm)
182098	Curved, 7-1/4" (18.5 cm)

CRILE HEMOSTATS



182060

satin finish, standard tip, full serrations.

CATALOG #	DESCRIPTION
182050	Straight, 5-3/4" (14.5 cm)
182060	Curved, 5-1/2" (14 cm)
182070	Straight, 6-1/4" (16 cm)
182080	Curved, 6-1/4" (16 cm)

CRILE FORCEPS



475309

bright finish, full serrations.

CATALOG #	DESCRIPTION
475308	Straight, 5-5/8" (14.5 cm)
475309	Curved, 5-3/4" (14.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

CRILE FORCEPS

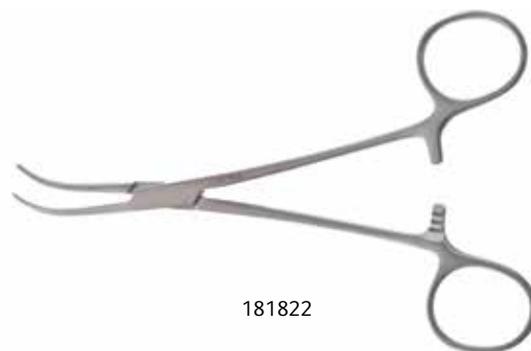


475311

bright finish, delicate, full serrations.

CATALOG #	DESCRIPTION
475310	Straight, 1.8 mm tip, 5-1/2" (14 cm)
475311	Curved, 1.8 mm tip, 5-3/8" (13.5 cm)
475312	Straight, 1.7 mm tip, 6-3/8" (16 cm)
475313	Curved, 2 mm tip, 6-1/4" (16 cm)

DANDY HEMOSTATIC FORCEPS



181822

satin finish.

CATALOG #	DESCRIPTION
181822	Curved sideways, 5-1/2" (14 cm)

DANDY KOLODNY FORCEPS



477170

bright finish.

CATALOG #	DESCRIPTION
477170	Curved sideways, one-half horizontal serrations, 5-3/8" (13.5 cm)

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FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

HALSTED MOSQUITO FORCEPS



satin finish, full serrations.

CATALOG #	DESCRIPTION
182300	Straight, 5-1/4" (13.5 cm)
182310	Curved, 5-1/8" (13 cm)
182350	Straight, 4" (10 cm)
182355	Curved, 4" (10 cm)

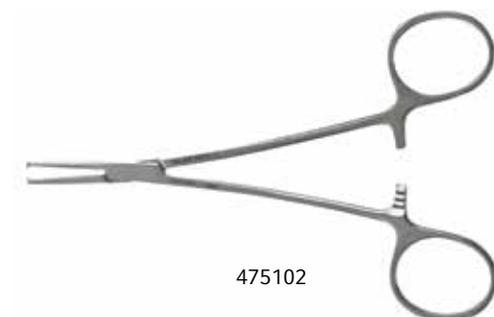
HALSTED MOSQUITO FORCEPS



bright finish, serrated jaw.

CATALOG #	DESCRIPTION
475084	Straight, 1.2 mm tip, 4-3/4" (12 cm)
475086	Curved, 1.2 mm tip, 4-5/8" (11.5 cm)
475100	Straight, 1.6 mm tip, 5-1/4" (13.5 cm)
475101	Curved, 1.6 mm tip, 5-1/8" (13 cm)

HALSTED MOSQUITO FORCEPS WITH TEETH



bright finish.

CATALOG #	DESCRIPTION
475102	Straight, 1 x 2 teeth, 1.5 mm tip, 5" (12.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

HARTMANN MOSQUITO FORCEPS



bright finish. Delicate, serrated jaw.

CATALOG #	DESCRIPTION
475080	Straight, 20 mm jaw, 1.3 mm tip, 4" (10 cm)
475082	Curved, 20 mm jaw, 1.3 mm tip, 4" (10 cm)

MOSQUITO FORCEPS



CATALOG #	DESCRIPTION
075118	Curved, fully serrated, 1.7 x 2 mm tip, 7-1/4" (18.5 cm)

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FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



MOSQUITO FORCEPS SERRATED



KM36078

CATALOG #	DESCRIPTION
KM36078	Curved, serrated, 1 x 2 teeth, 5" (12.5 cm)

SKILLMAN MOSQUITO FORCEPS



475131

bright finish. Full serrations.

CATALOG #	DESCRIPTION
475130	Straight, 1.6 mm tip, 5-1/4" (13.5 cm)
475131	Curved, 1.6 mm tip, 5-1/8" (13 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



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JONES HEMOSTAT



Sturdy construction, fully serrated.

CATALOG #	DESCRIPTION
182160	Straight, 5" (12.5 cm)

KELLY FORCEPS



satin finish. Half serrations.

CATALOG #	DESCRIPTION
182100	Straight, 5-3/4" (14.5 cm)
182110	Curved, 5-1/2" (14 cm)

KELLY FORCEPS



bright finish. Half serrations.

CATALOG #	DESCRIPTION
475210	Straight, 5-1/2" (14 cm)
475211	Curved, 5-1/2" (14 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



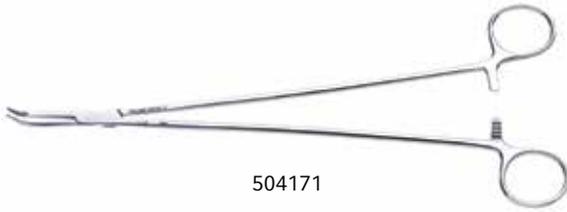
LAHEY TRACTION FORCEPS



171155

CATALOG #	DESCRIPTION
171155	Straight, 3 x 3 teeth, 6" (15 cm)

LAWRENCE HEMOSTATIC FORCEPS

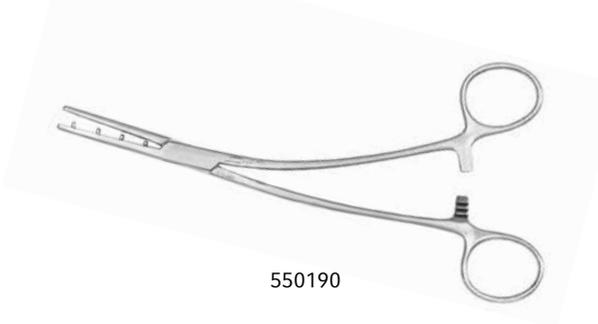


504171

Curved, serrated jaw.

CATALOG #	DESCRIPTION
504171	31 mm jaw, 2 mm tip, 10-3/4" (27.5 cm)
540140	30 mm jaw, 1.7 mm tip, 6-3/4" (17 cm)

MASTIN MUSCLE FORCEPS



550190

42 mm jaw with cross serrations on pin side only.

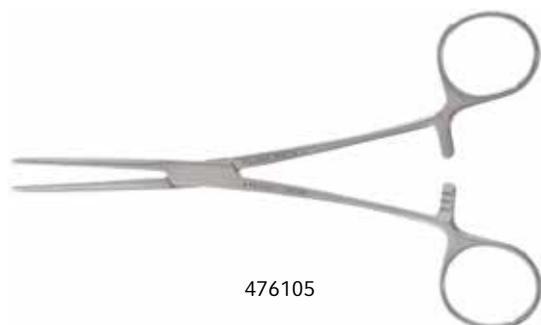
CATALOG #	DESCRIPTION
550190	Curved on side, 3.1 mm tip, 6-5/8" (17 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

MAYO-PEAN FORCEPS



476105

bright finish. Straight hemostatic forceps with full serrations.

CATALOG #	DESCRIPTION
476105	2.9 mm tip, 6-5/8" (17 cm)
476106	2.4 mm tip, 6-5/8" (17 cm)
476110	3.3 mm tip, 7-1/4" (18.5 cm)
476115	3.7 mm tip, 8-1/4" (21 cm)
476120	3.7 mm tip, 8-3/4" (22 cm)
476125	3.8 mm tip, 10-3/8" (26.5 cm)

MAYO-PEAN FORCEPS



476170

bright finish. Curved hemostatic forceps with full serrations.

CATALOG #	DESCRIPTION
476150	2.5 mm tip, 5-5/8" (14.5 cm)
476155	2.9 mm tip, 6-1/2" (16.5 cm)
476156	2.4 mm tip, 6-1/2" (16.5 cm)
476160	3.3 mm tip, 7-1/8" (18 cm)
476165	3.7 mm tip, 8-1/4" (21 cm)
476170	3.5 mm tip, 9-1/4" (23.5 cm)
476175	3.8 mm tip, 10-1/4" (26 cm)

PEAN CLAMPS



185065

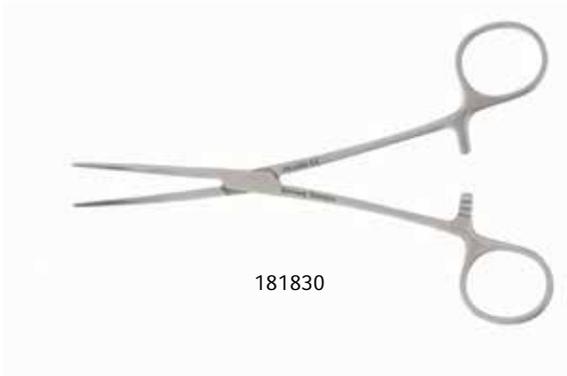
satin finish. Horizontal serrations.

CATALOG #	DESCRIPTION
185060	Straight, 8-1/8" (20.5 cm)
185065	Curved, 8-1/8" (20.5 cm)
185066	Curved, 9-1/4" (23.5 cm)
185067	Straight, 10-1/8" (25.5 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

ROCHESTER-PEAN FORCEPS



satin finish. Straight, full serrations.

CATALOG #	DESCRIPTION
181830	Curved, 2 mm tip, 6-1/2" (16.5 cm)

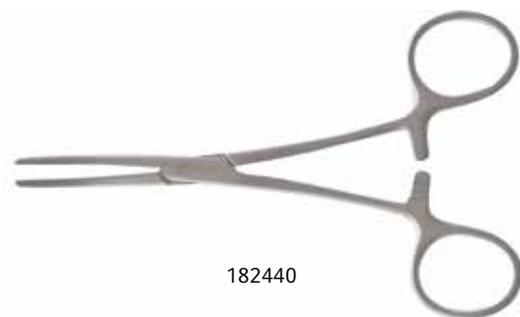
ROCHESTER-PEAN FORCEPS



satin finish. Straight, full serrations.

CATALOG #	DESCRIPTION
182400	2.7 mm tip, 5-1/2" (14 cm)
182405	2.8 mm tip, 6-1/2" (16.5 cm)
182415	3.0 mm tip, 7-1/4" (18.5 cm)
182420	3.2 mm tip, 8" (20.5 cm)

ROCHESTER-PEAN FORCEPS



satin finish. Curved, full serrations.

CATALOG #	DESCRIPTION
182440	3.2 mm tip, 5-1/2" (14 cm)
182445	2.8 mm tip, 6-1/4" (16 cm)
182455	3.0 mm tip, 7-1/4" (18.5 cm)
182460	3.2 mm tip, 8" (20.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

ROCHESTER-PEAN FORCEPS, 12"



KM36362

satin finish.

CATALOG #	DESCRIPTION
KM36360	Hemostatic, straight, 4.6 mm tip, 12" (30.5 cm)
KM36362	Curved, serrated, 12" (30.5 cm)

OCHSNER FORCEPS (KOCHER)



476205

bright finish. Straight hemostatic forceps with full serrations, 1 x 2 teeth.

CATALOG #	DESCRIPTION
476200	3 mm tip, 5-5/8" (14.5 cm)
476205	4.2 mm tip, 6-3/8" (16 cm)
476206	Light model, 2.5 mm tip, 6-3/8" (16 cm)
476210	3.3 mm tip, 7-1/4" (18.5 cm)
476215	4.5 mm tip, 8" (20.5 cm)
476220	5.5 mm tip, 8-7/8" (22.5 cm)
476225	5 mm tip, 10-3/8" (26.5 cm)

OCHSNER FORCEPS (KOCHER)



476255

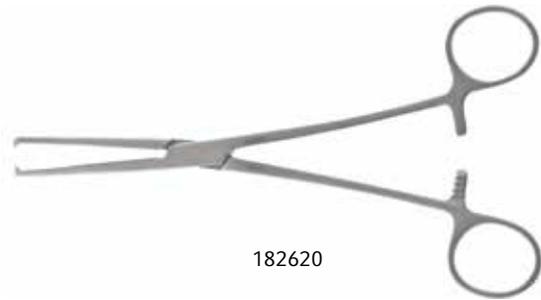
bright finish. Curved hemostatic forceps with full serrations, 1 x 2 teeth.

CATALOG #	DESCRIPTION
476250	2.7 mm tip, 5-1/2" (14 cm)
476255	2.6 mm tip, 6-1/4" (16 cm)
476260	3.6 mm tip, 7-1/4" (18.5 cm)
476265	3.4 mm tip, 7-7/8" (20 cm)
476270	4 mm tip, 8-3/4" (22 cm)
476275	4 mm tip, 10-1/4" (26 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

ROCHESTER-OCHSNER FORCEPS (KOCHER)



182620

straight. Full serrations, 1 x 2 teeth.

CATALOG #	DESCRIPTION
182600	5-1/2" (14 cm)
182605	6-1/4" (16 cm)
182615	7-1/4" (18.5 cm)
182620	8" (20.5 cm)

ROCHESTER-OCHSNER FORCEPS (KOCHER)



182670

curved. Full serrations, 1 x 2 teeth.

CATALOG #	DESCRIPTION
182655	6-1/4" (16 cm)
182665	7-1/4" (18.5 cm)
182670	Curved, 1 x 2 teeth, 8" (20.5 cm)

PROVIDENCE HOSPITAL FORCEPS



475200

bright finish. Two-thirds serrations.

CATALOG #	DESCRIPTION
475200	Straight, 2 mm tip, 5-3/8" (13.5 cm)
475201	Curved, 2 mm tip, 5-3/8" (13.5 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

PROVIDENCE HOSPITAL HEMOSTATS



satin finish. Half serrations.

CATALOG #	DESCRIPTION
182140	Straight, 5-3/4" (14.5 cm)
182150	Curved, 5-5/8" (14.5 cm)

RANKIN FORCEPS



satin finish. Half serrations.

CATALOG #	DESCRIPTION
182120	Straight, 6-1/4" (16 cm)
182130	Curved, 6-1/4" (16 cm)

RANKIN-KELLY HEMOSTAT FORCEPS



satin finish. Three-quarter serrations.

CATALOG #	DESCRIPTION
KM36196	Straight, 6-1/4" (16 cm)
KM36198	Curved, serrated, 6-1/4" (16 cm)

FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps



SAROT INTRA-THORACIC ARTERY FORCEPS



Slender, slightly curved forceps with serrated jaws. Specially designed for pulmonary resections, cardiovascular and esophageal surgery.

CATALOG #	DESCRIPTION
342571	Medium, serrated, 1/2" (1.5 cm) tip length, 1.6 mm tip width, 7-5/8" (19.5 cm)
342572	Large, serrated, 2-1/4" (5.5 cm) tip length, 2 mm tip width, 9" (23 cm)

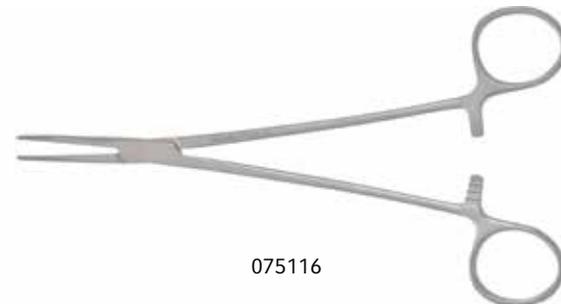
SCHNIDT FORCEPS (TONSIL)



satin finish. Half serrations.

CATALOG #	DESCRIPTION
182390	Half curved, 7-1/2" (19 cm)

SCHNIDT FORCEPS (TONSIL)



bright finish.

CATALOG #	DESCRIPTION
075116	Slightly curved, 7-1/4" (18.5 cm)
075120	Lightly curved, serrated, 2 mm tip, 7-1/2" (19 cm)
075122	Strongly curved, serrated, 2 mm tip, 7-1/2" (19 cm)



FORCEPS AND CLAMPS

Hemostatic Forceps and Clamps

VANDERBILT VESSEL FORCEPS



342590

This hemostatic-type forceps is particularly useful in cardiovascular and thoracic surgery but has been used extensively in general surgery as well. The elongated handles afford access to a number of surgical sites. Jaws are of a standard cross-serration design.

CATALOG #	DESCRIPTION
342590	Slightly curved, 2" (5 cm) tip length, 2 mm tip width, 8-5/8" (22 cm)

SERREFINES CROSS-ACTION CLAMPS



182205

Cross-action, full serrations.

CATALOG #	DESCRIPTION
182200	Straight, 1-1/2" (4 cm)
182205	Straight, 2-1/4" (5.5 cm)
182210	Curved, 1-3/8" (3.5 cm)

Extra-Delicate Hemostatic Forceps

JACOBSON HEMOSTATIC FORCEPS



443507

satin finish. These delicate forceps feature tips as fine as 0.8 mm and can be used in a number of microsurgical procedures.

CATALOG #	DESCRIPTION
443500	Straight, 0.8 mm tip, 3-7/8" (10 cm)
443502	Curved, 0.8 mm tip, 3-7/8" (10 cm)
443505	Straight, 0.8 mm tip, 5-1/8" (13 cm)
443507	Curved, 0.8 mm tip, 5-1/8" (13 cm)
443508	Full curved, 0.8 mm tip, 4-7/8" (12.5 cm)
443510	Curved, 1.2 mm tip, 7-1/8" (18 cm)
443512	Full curved, 1 mm tip, 7-1/8" (18 cm)

FORCEPS AND CLAMPS

Extra Delicate Hemostatic Forceps

MICRO MOSQUITO FORCEPS

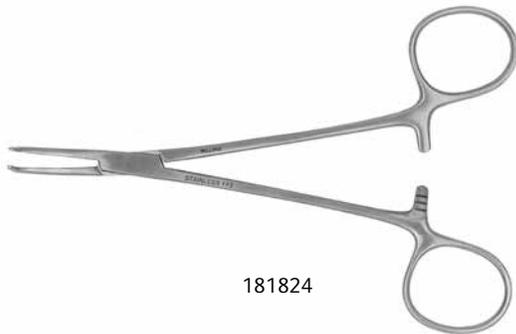


KM36165

satin finish.

CATALOG #	DESCRIPTION
KM36164	Straight, 1 mm tip, 5" (12.5 cm)
KM36165	Curved, serrated, extremely fine tips, 5" (12.5 cm)

PLASTI STATS ADSON FORCEPS



181824

CATALOG #	DESCRIPTION
181824	Curved, 1/2" (12.5 mm) jaw serration, 5-1/2"(14 cm)

PLASTI STATS COLLIER FORCEPS



181804

CATALOG #	DESCRIPTION
181804	Curved, 7-1/2" (19 cm)



FORCEPS AND CLAMPS

Extra Delicate Hemostatic Forceps

PLASTI STATS CRILE HEMOSTATS



181802

Full serrations.

CATALOG #	DESCRIPTION
181800	Straight, 1-1/4" (32 mm) jaw, 5-3/4" (14.5 cm)
181802	Curved, 1-1/4" (32 mm) jaw, 5-1/2" (14 cm)

PLASTI STATS KOCHER FORCEPS



181832

CATALOG #	DESCRIPTION
181832	Straight, 1 x 2 teeth, full serrations, 5-1/2" (14 cm)

PLASTI STATS MOSQUITO FORCEPS



181806

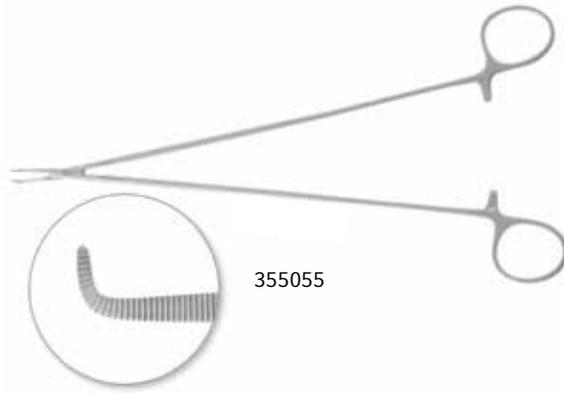
Full serrations.

CATALOG #	DESCRIPTION
181810	Straight, 3/4" (2 cm) jaw, 4" (10 cm)
181812	Curved, 5/8" (1.5 cm) jaw, 4" (10 cm)
181818	Straight, 1/2" (12.5 mm) jaw, 4-3/4" (12 cm)
181820	Curved, 1/2" (12.5 mm) jaw, 4-5/8" (11.5 cm)
181814	Straight, 3/4" (2 cm) jaw, 5" (12.5 cm)
181816	Curved, 3/4" (2 cm) jaw, 5" (12.5 cm)
181806	Straight, 1" (2.5 cm) jaw, 5-1/2" (14 cm)
181808	Curved, 1" (2.5 cm) jaw, 5-1/2" (14 cm)

FORCEPS AND CLAMPS

Right Angle Clamps

CROUCH CLAMP



CATALOG #	DESCRIPTION
355055	10-1/4" (26 cm)

DEBAKEY RIGHT ANGLE FORCEPS



With full length longitudinal serrations and cross serrations at tip.

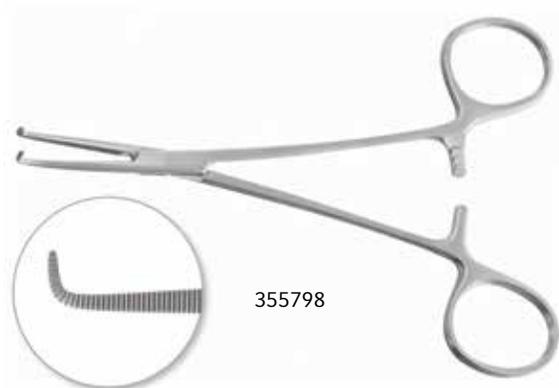
CATALOG #	DESCRIPTION
342566	7-5/8" (19.5 cm)
342567	9" (23 cm)
342568	10-1/4" (26 cm)
342569	11-3/8" (29 cm)



FORCEPS AND CLAMPS

Right Angle Clamps

DIETRICH RIGHT ANGLE CLAMPS



355798



355800

355801

CATALOG #	DESCRIPTION
355798	Serrated jaw, 5-3/8" (13.5 cm)
355799	Serrated jaw, 4-7/8" (12.5 cm)
355800	Serrated jaw 8 mm past angle, 7-1/4" (18.5 cm)
355801	Longitudinally serrated jaw 8 mm past angle, 7-1/4" (18.5 cm)

FINOCHIETTO THORACIC FORCEPS



342615

A utility clamp for use as ligature carrier, hemostat or dissector. Particularly good in ligation during esophageal surgery. Blades have longitudinal serrations and holes for threading ligature.

CATALOG #	DESCRIPTION
342615	Angled, longitudinal serrations, 1-1/8" (3 cm) tip length, 9-1/2" (24 cm)

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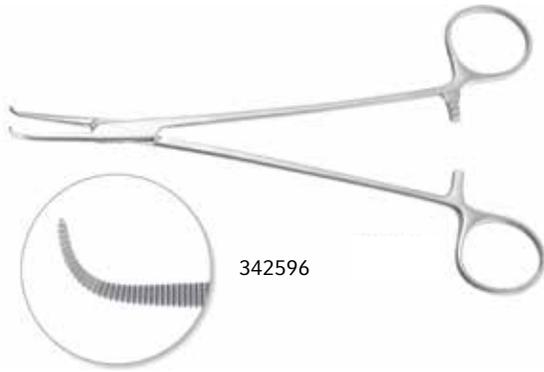
9

FORCEPS AND CLAMPS

Right Angle Clamps



GEMINI FORCEPS



A more delicate modification of the Mixer Forceps. Slender, acutely curved jaws with full serrations.

CATALOG #	DESCRIPTION
342596	7-1/4" (18.5 cm)
342597	9" (23 cm)
342598	11-1/8" (28.5 cm)

GRAY CYSTIC DUCT FORCEPS



CATALOG #	DESCRIPTION
172550	Curved jaws and shafts. Set of two: 8-1/4" (21 cm) and 9-1/4" (23.5 cm)

HARRINGTON CLAMPS



Right angle jaw. Dull, non-glare finish stainless steel.

CATALOG #	DESCRIPTION
342632	Heavy construction, longitudinal serrations, 1-1/2" (4 cm) tip length, 12-3/8" (31.5 cm)
342633	Light construction, longitudinal serrations, 1-1/2" (4 cm) tip length, 12-3/8" (31.5 cm)



FORCEPS AND CLAMPS

Right Angle Clamps

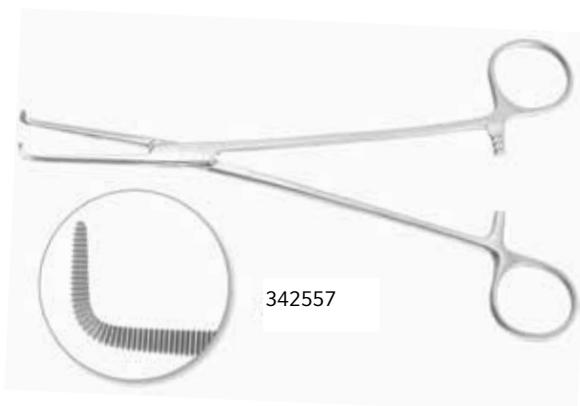
JACKSON TRACHEAL HEMOSTAT



514480

CATALOG #	DESCRIPTION
514480	Acutely curved, 5-3/8" (13.5 cm)

KANTROWITZ FORCEPS



342557

True right angle forceps with cross serrated jaws. Useful for grasping and dissecting in thoracic, vascular and general surgery.

CATALOG #	DESCRIPTION
342557	Serrated, 3/4" (2 cm) tip length, 2 mm tip width, 7-7/8" (20 cm)
342558	Serrated, 9-1/2" (24 cm)
342559	Serrated, 3/4" (2 cm) tip length, 2 mm tip width, 10-5/8" (27 cm)

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FORCEPS AND CLAMPS

Right Angle Clamps



LAHEY DISSECTING FORCEPS



496111

CATALOG #	DESCRIPTION
496105	Longitudinal serrations, 2.4 mm tip, 7-7/8" (20 cm)
496110	Horizontal serrations, 44 mm jaw, 2.4 mm tip, 7-3/4" (19.5 cm)
496111	Longitudinal serrations, 46 mm jaw, 2.5 mm tip, 7-3/4" (19.5 cm)

LAHEY GALL DUCT FORCEPS, SLENDER BLADES



172530

CATALOG #	DESCRIPTION
172530	Longitudinal serrations, 7-1/2" (19 cm)
172531	Standard serrations, 7-1/2" (19 cm)
172532	Longitudinal serrations, 8-7/8" (22.5 cm)



FORCEPS AND CLAMPS

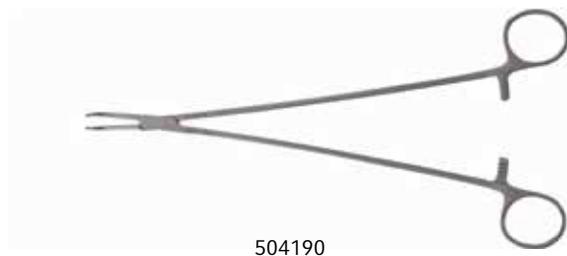
Right Angle Clamps

LOWER GALL DUCT FORCEPS



CATALOG #	DESCRIPTION
172525	Short jaws, fully curved, longitudinal serrations, 7-1/2" (19 cm)

MEEKER HEMOSTATIC DISSECTING FORCEPS



CATALOG #	DESCRIPTION
540150	90 degree-angled, serrated, 23 mm jaw, 1.8 mm tip, 6-3/8" (16 cm)
504190	90 degree-angled, serrated, 28 mm jaw, 1.8 mm tip, 10-5/8" (27 cm)

MACQUIGG-MIXTER FORCEPS



An excellent general purpose forceps and bronchus clamp. Longitudinally serrated jaws, right angle tip.

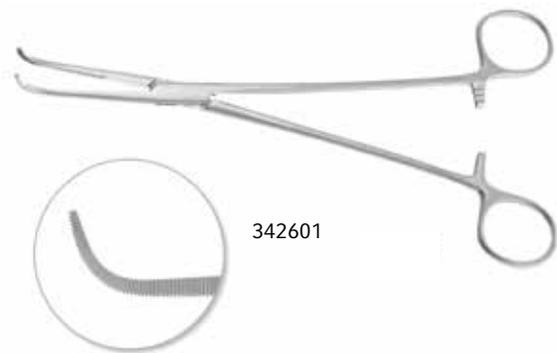
CATALOG #	DESCRIPTION
342611	Curved, longitudinal serrations, 1-5/8" (4 cm) tip length, 8-5/8" (22 cm)

FORCEPS AND CLAMPS

Right Angle Clamps



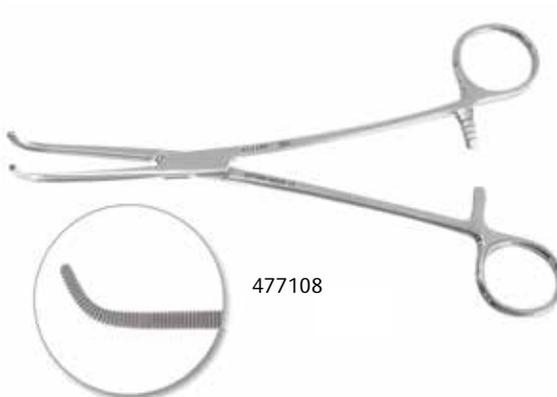
MIXTER THORACIC FORCEPS



Regular model. Available with DeBakey-type jaw or standard serrated jaw, 3/4" (2 cm) long.

CATALOG #	DESCRIPTION
342603	Half curved, serrated, 5/8" (1.5 cm) tip length, 2.3 mm tip width, 9-1/8" (23 cm)
342600	Curved, DeBakey-type jaw, 1" (2.5 cm) tip length, 2.8 mm tip width, 9-1/4" (23.5 cm)
342601	Strongly curved, serrated, 3/4" (2 cm) tip length, 8-3/4" (22 cm)

MIXTER CLAMPS



CATALOG #	DESCRIPTION
477108	40 degree-angled, fully serrated, 50 mm jaw, 3 mm tip, 7-3/4" (19.5 cm)

MIXTER DISSECTING FORCEPS



Two-thirds serrations.

CATALOG #	DESCRIPTION
477091	26 mm jaw, 2 mm tip, 7-1/4" (18.5 cm)
477092	40 mm jaw, 2.2 mm tip, 9" (23 cm)
477093	55 mm jaw, 2.4 mm tip, 11" (28 cm)



FORCEPS AND CLAMPS

Right Angle Clamps

MIXTER FORCEPS



KM36566

CATALOG #	DESCRIPTION
KM36566	Fully curved, serrated, 9" (23 cm)

MIXTER GALL DUCT FORCEPS



172503

Acutely curved jaws. Full serrations run entire length of jaw.

CATALOG #	DESCRIPTION
172500	6-1/4" (16 cm)
172503	7-1/8" (18 cm)
172506	8-3/4" (22 cm)

PEDIATRIC MIXTER DISSECTING FORCEPS



477090

bright finish, fully curved.

CATALOG #	DESCRIPTION
477090	24 mm jaw, 2 mm tip, 5-1/4" (13.5 cm)

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FORCEPS AND CLAMPS

Right Angle Clamps



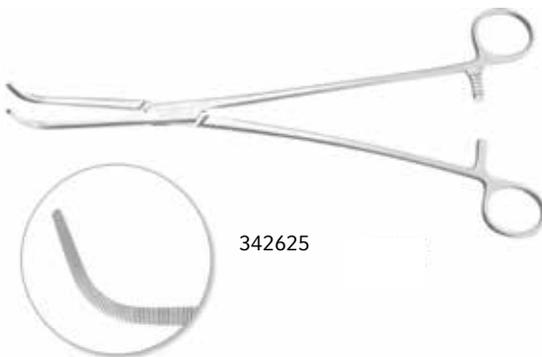
MIXTER "PEDI" GALL DUCT FORCEPS



satin finish.

CATALOG #	DESCRIPTION
172495	Delicate, 5-1/8" (13 cm)

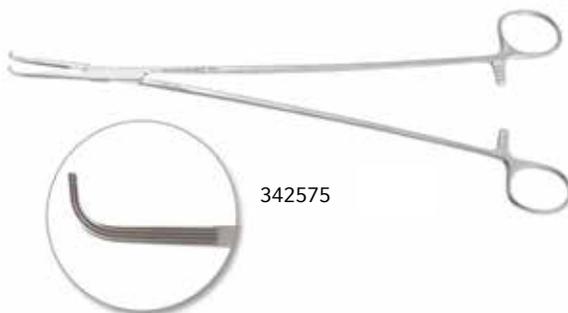
RIENHOFF SWAN-NECK CLAMP



A double-curved forceps with delicately rounded tips.

CATALOG #	DESCRIPTION
342625	Serrated, 10-5/8" (27 cm)

ROOS SCALENECTOMY FORCEPS



Designed to give a secure hold on the scalene muscle during scaleneotomy.

CATALOG #	DESCRIPTION
342575	Right angle, longitudinal serrations, 1/2" (1.5 cm) tip length, 1.5 mm tip width, 11" (28 cm)



FORCEPS AND CLAMPS

Right Angle Clamps

RUMEL THORACIC FORCEPS



342511



342533

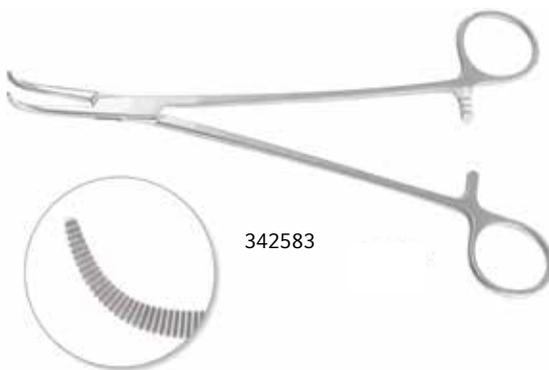


342501

Furnished with DeBakey-type jaw or standard serrated jaws. In addition to being one of the more popular thoracic artery forceps, they are especially suited for passing tapes around the cava or pulmonary artery in open heart surgery.

CATALOG #	DESCRIPTION
342501	A curved, DeBakey jaw, 2-3/4" (7 cm) tip length, 9-5/8" (24.5 cm)
342504	D curved, DeBakey jaw, 1-1/8" (3 cm) tip length, 2.8 mm tip width, 9-3/4" (25 cm)
342511	A curved, serrated, 1/2" (1.5 cm) tip length, 2.4 mm tip width, 9-3/8" (24 cm)
342513	C curved, serrated, 3/4" (2 cm) tip length, 2 mm tip width, 9-5/8" (24.5 cm)
342514	D curved, serrated, 1" (2.5 cm) tip length, 2.4 mm tip width, 9" (23 cm)
342533	Child size, fully curved, standard serrated, 2 mm tip width, 7-7/8" (20 cm)

SAWTELL HEMOSTATIC FORCEPS



342583

CATALOG #	DESCRIPTION
342583	Full curved, heavy tips, 7-1/4" (18.5 cm)

FORCEPS AND CLAMPS

Right Angle Clamps

STOREY HEMOSTATIC FORCEPS

33 mm jaw with cross serrations.



CATALOG #	DESCRIPTION
496215	Slightly curved, 8-3/4" (22 cm)
496216	Strongly curved, 8-5/8" (22 cm)
496217	Right angle, 8-3/8" (21.5 cm)

WESTPHAL DISSECTING FORCEPS

Longitudinal serrations, narrow tip.



CATALOG #	DESCRIPTION
496112	Angled, 7-7/8" (20 cm)



FORCEPS AND CLAMPS

Right Angle Clamps

WILLAUER FORCEPS



Lightweight full curved, longitudinally serrated jaws.

CATALOG #	DESCRIPTION
342580	2" (5 cm) tip length, 9-1/2" (24 cm)

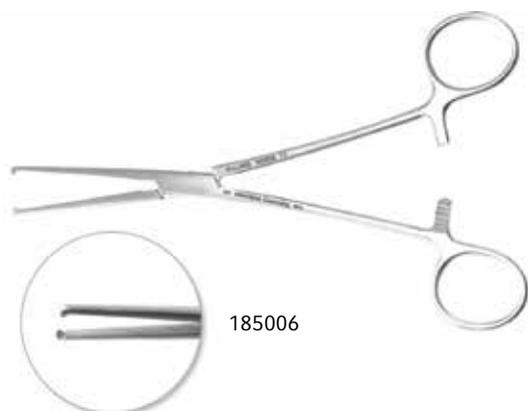
Gastrointestinal Forceps and Clamps

ADAIR-ALLIS INTESTINAL TISSUE FORCEPS



CATALOG #	DESCRIPTION
182915	9 x 10 teeth, 6-1/4" (16 cm)

ALLEN INTESTINAL CLAMPS



Longitudinal serrations, 1 x 2 teeth.

CATALOG #	DESCRIPTION
185005	Jaws 3-3/4" (9.5 cm), 9-1/2" (24 cm)
185006	Jaws 2-3/8" (6 cm), 8" (20.5 cm)
185010	Pediatric size, delicate, jaws 2-1/8" (5.5 cm), 6-1/4" (16 cm)



FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



ALLIS DELICATE TISSUE FORCEPS



bright finish, 6-1/8" (15.5 cm).

CATALOG #	DESCRIPTION
541100	2 x 3 teeth , 3.8 mm tip
541120	Straight, delicate, 3 x 4 teeth , 4 mm tip

ALLIS TISSUE FORCEPS



satin finish.

CATALOG #	DESCRIPTION
182795	3 x 4 teeth, 6" (15 cm)
182850	4 x 5 teeth, 6" (15 cm)
182860	5 x 6 teeth, 6" (15 cm)
182870	5 x 6 teeth, 7-1/2" (19 cm)
182875	5 x 6 teeth, 9" (23 cm)
182880	4 x 5 teeth, 5-3/4" (14.5 cm)

ALLIS TISSUE FORCEPS



bright finish.

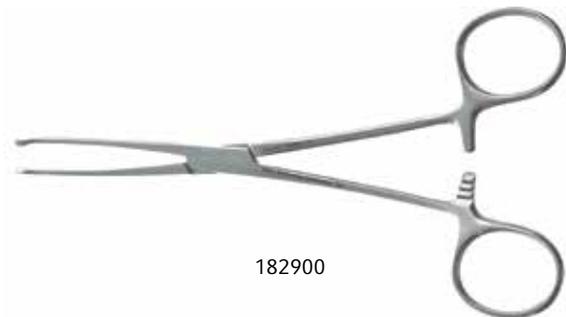
CATALOG #	DESCRIPTION
541094	3 x 4 teeth, 5" (12.5 cm)
500310	3 x 4 teeth, 6-1/8" (15.5 cm)
500311	4 x 5 teeth, 6-1/8" (15.5 cm)
500312	5 x 6 teeth, 6-1/8" (15.5 cm)
500316	5 x 6 teeth, 7-1/2" (19 cm)



FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

JUDD-ALLIS INTESTINAL FORCEPS



182900

CATALOG #	DESCRIPTION
182900	3 x 4 teeth, 6" (15 cm)
182905	3 x 4 teeth, 7-1/4" (18.5 cm)

LOCKWOOD-ALLIS INTESTINAL TISSUE FORCEPS



182920

CATALOG #	DESCRIPTION
182920	Light model, flattened jaws, 5 x 6 teeth, 6-1/4" (16 cm)

THOMS-ALLIS TISSUE AND TRACTION FORCEPS



182910

CATALOG #	DESCRIPTION
182910	6 x 7 teeth, 8" (20.5 cm)

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FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



WILLAUER-ALLIS TISSUE FORCEPS



342720

Extra-long, springy, Allis-type forceps with 5 x 6 teeth. Dull, non-glare finish stainless steel.

CATALOG #	DESCRIPTION
342720	10" (25.5 cm)
342721	11-1/4" (28.5 cm)

BABCOCK TISSUE FORCEPS



342726

satin finish.

CATALOG #	DESCRIPTION
183010	6-1/4" (16 cm)
183020	7-7/8" (20 cm)
342725	Serrated, 9-1/2" (24 cm)
342726	Serrated, 9-1/2" (24 cm)

BABCOCK TISSUE FORCEPS



500399

bright finish.

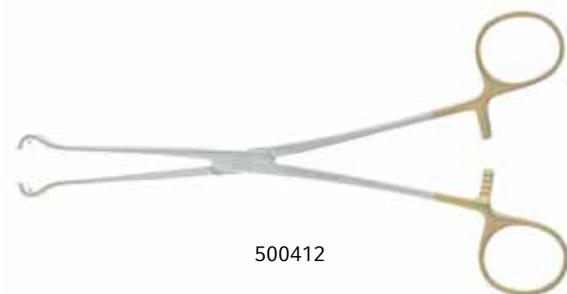
CATALOG #	DESCRIPTION
500399	5.8 mm tip, 5-3/4" (14.5 cm)
500400	8.3 mm tip, 6-3/8" (16 cm)
500402	10 mm tip, 7-7/8" (20 cm)



FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

BABCOCK TISSUE FORCEPS

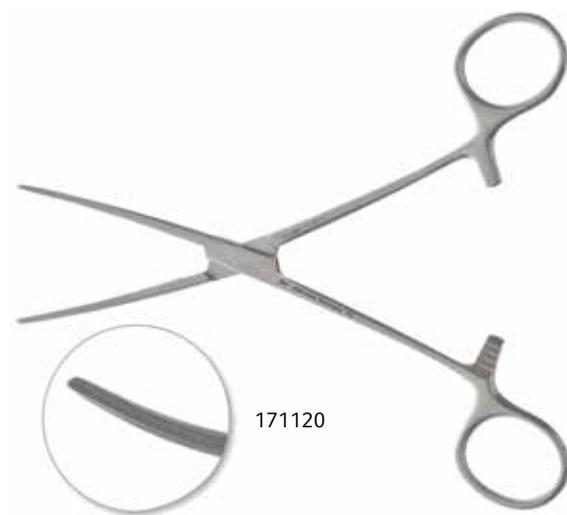


500412

Tungsten carbide jaw tips.

CATALOG #	DESCRIPTION
500410	3/8" (9.5 mm) tip, 6-1/2" (16.5 cm), TC
500412	7/16" (11 mm) tip, 7-7/8" (20 cm), TC

BAINBRIDGE FORCEPS



171120

satin finish. Slender blades longitudinally serrated.

CATALOG #	DESCRIPTION
171117	Straight, 7-1/4" (18.5 cm)
171120	Curved, 6-3/4" (17 cm)
171122	Curved, 7-1/4" (18.5 cm)

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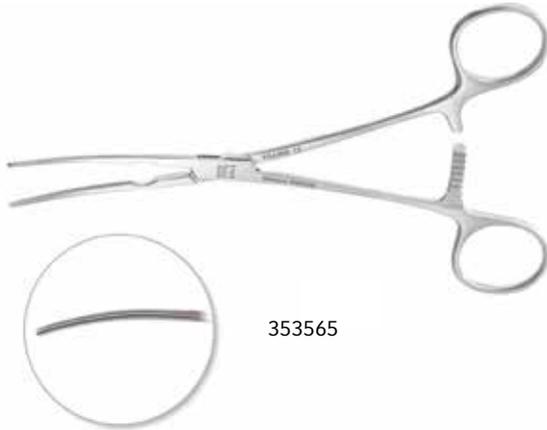


FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



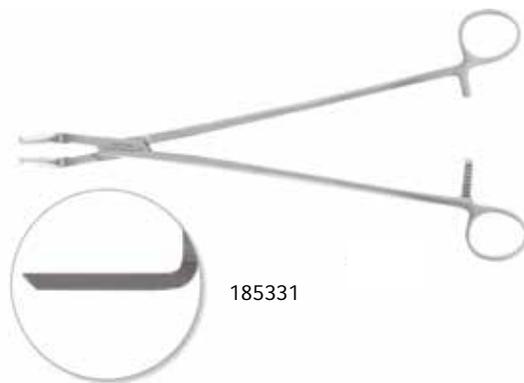
DEBAKEY BAINBRIDGE CLAMPS



With narrow DeBakey-type jaws.

CATALOG #	DESCRIPTION
353560	Straight, 40 x 2.4 mm jaws, 7" (18 cm)
353562	Straight, 80 x 2.8 mm jaws, 7-7/8" (20 cm)
353565	Curved, 60 x 2.4 mm jaws, 7" (18 cm)

BEST COLON CLAMP



Right angle design for open anastomosis. Strong crushing jaws.

CATALOG #	DESCRIPTION
185331	2-5/8" (6.5 cm) jaw size, 10-5/8" (27 cm)



FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

BLAKE GALLSTONE GRASPING FORCEPS



satin finish.

CATALOG #	DESCRIPTION
172616	Curved, serrated, 8" (20.5 cm)

CYSTIC DUCT CATHETER CLAMPS



For open cholangiography.

CATALOG #	DESCRIPTION
172570	Accepts 4 Fr. catheter, 7-1/2" (19 cm)
172571	Accepts 6 Fr. catheter, 7-1/2" (19 cm)

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FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



DEBAKEY THORACIC DISSECTING FORCEPS



DeBakey-type jaws. The jaws are narrowed and thinned to a minimum size and double-curved. This provides a lightweight, sure-holding forceps for dissecting and passing tapes and ligatures around vessels.

CATALOG #	DESCRIPTION
342560	C curved, 3/8" (1 cm) tip length, 8-1/8" (20.5 cm)
342561	D curved, 1/2" (1.5 cm) tip length, 2.8 mm tip width, 8-1/4" (21 cm)
342562	C curved, 5/8" (1.5 cm) tip length, 2.8 mm tip width, 9-5/8" (24.5 cm)
342563	D curved, 7/8" (2 cm) tip length, 9-1/2" (24 cm)
342565	D curved, 3/4" (2 cm) tip length, 10-1/4" (26 cm)



342560



342561



342562



342563



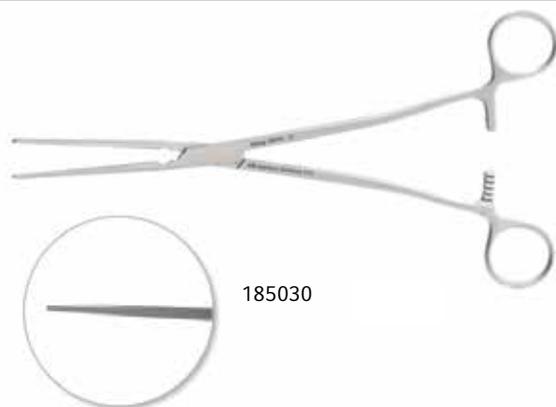
342565



FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

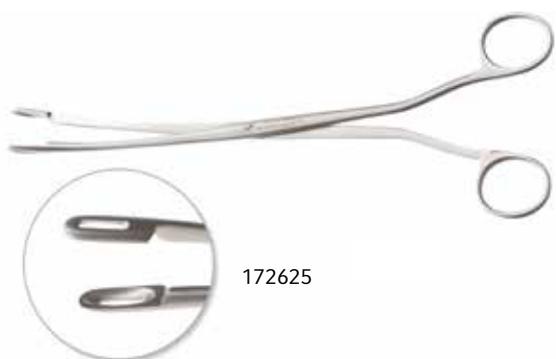
DENNIS ANASTOMOSIS CLAMP



185030

CATALOG #	DESCRIPTION
185030	54 mm jaws, 9-1/4" (23.5 cm)

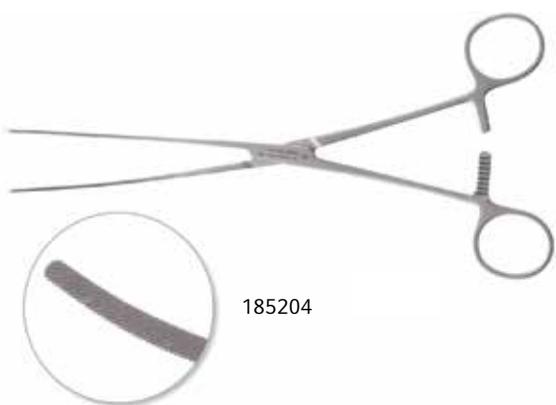
DESJARDIN GALLSTONE GRASPING FORCEPS



172625

CATALOG #	DESCRIPTION
172625	9-1/4" (23.5 cm)

DOYEN INTESTINAL CLAMPS



185204

Soft blades, diagonal serrations.

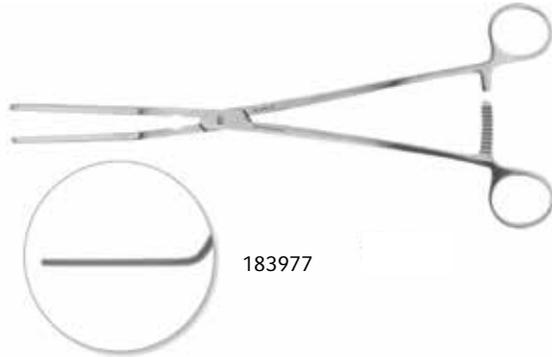
CATALOG #	DESCRIPTION
185202	Straight, 9-1/8" (23 cm)
185204	Curved, 9" (23 cm)

FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



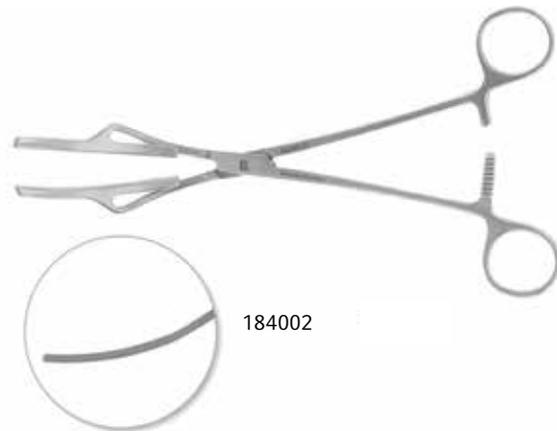
HAYES ANTERIOR RESECTION CLAMPS



70 degree-angled, 1 x 2 DeBakey Jaws, angular shafts.

CATALOG #	DESCRIPTION
183975	2-3/8" (6 cm) jaws, 9-7/8" (25 cm)
183977	3-1/8" (8 cm) jaws, 10-1/2" (26.5 cm)

KLINTMALM LIVER TRANSPLANT CLAMPS



The KLINTMALM Liver Transplant Clamp is designed to securely occlude the suprahepatic inferior vena cava of the recipient during anastomosis of the donor liver.

- Unique "teething" design of a single row against a double row of teeth helps prevent slippage and scissoring of the jaw.
- An even-parallel closure of the jaw helps prevent blood seepage and helps minimize the risk of the vena cava slipping from the clamp.
- Jaw curvature is designed to meet the anatomical requirements of the upper abdomen and to reduce trauma to the liver.

A standard vascular clamp on the cuff of the vena cava and diaphragm may not always properly close due to the amount of tissue in the clamp. The use of a standard vascular clamp may result in clamp insecurity and slippage leading to the possible retraction of the vena cava into the diaphragm, and visual obstruction caused by pooling blood.

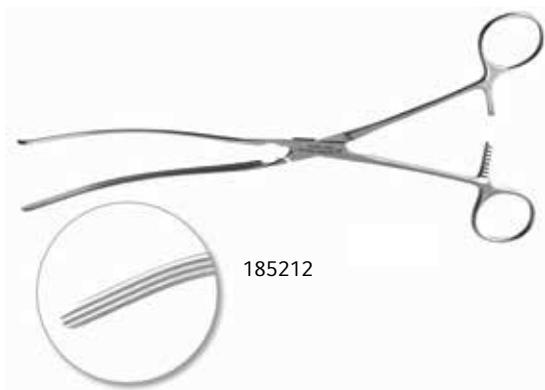
CATALOG #	DESCRIPTION
184001	Small 2-1/2" (6.5 cm) jaw, 7-1/8" (18 cm)
184002	Medium 3-1/8" (8 cm) jaw, 8-3/8" (21.5 cm)
184003	Large 3-3/8" (8.5 cm) jaw, 9-7/8" (25 cm)

FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



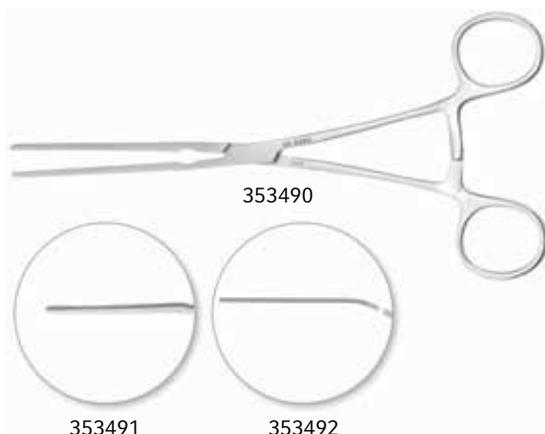
KOCHER INTESTINAL CLAMPS



Soft blades, longitudinal serrations.

CATALOG #	DESCRIPTION
185210	Straight, 10" (25.5 cm)
185212	Curved, 9-7/8" (25 cm)
185214	Straight, 10-3/4" (27.5 cm)

LELAND JONES CLAMPS



Delicate DeBakey Jaws, 2.4 mm wide. LIFE-LOK Box-Lock. Versatile clamps which have been found useful in small bowel procedures.

CATALOG #	DESCRIPTION
353490	Straight, 8-1/8" (20.5 cm)
353491	Angled 15 degrees, 8-1/8" (20.5 cm)
353492	Angled 30 degrees, 8" (20.5 cm)

MIXTER FORCEPS



Long model. Very useful for deep dissection and as a bronchus clamp.

CATALOG #	DESCRIPTION
342606	Strongly curved, serrated (3 cm) tip length, 10-3/4" (27.5 cm)
342605	Strongly curved, DeBakey® Jaw, 1-3/8" (3.5 cm) tip length, 11" (28 cm)

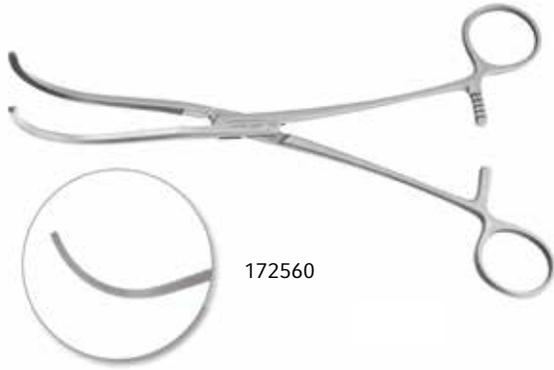


FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

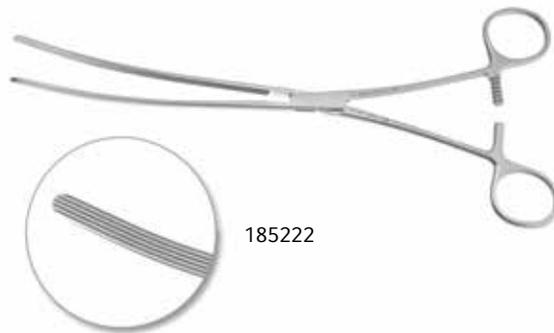


MAYO (GUYON) VESSEL CLAMP



CATALOG #	DESCRIPTION
172560	9-1/4" (23.5 cm)

MAYO-ROBSON INTESTINAL CLAMPS



Longitudinal serrations.

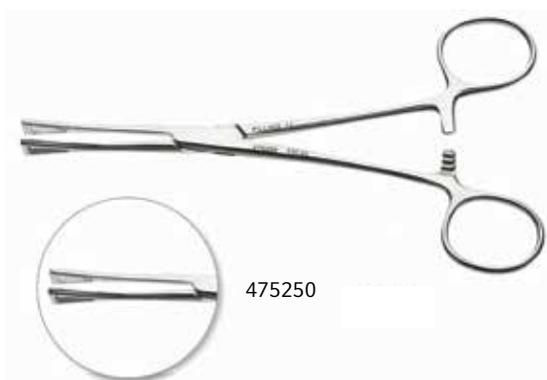
CATALOG #	DESCRIPTION
185220	Straight, 10-1/4" (26 cm)
185222	Curved, 10" (25.5 cm)

FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps

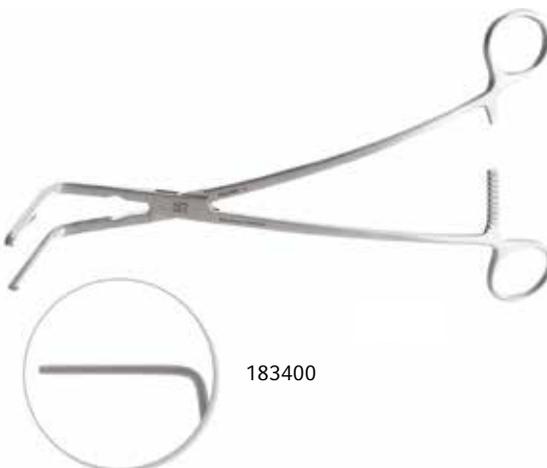


PENNINGTON FORCEPS



CATALOG #	DESCRIPTION
475250	Serrated, triangular, 14 x 11 mm jaw, 6-1/8" (15.5 cm)
616370	Serrated, triangular, 16 x 12.5 mm jaw, 8-1/4" (21 cm)

GUT AND COLON CLAMPS



90 degree angled, 1 x 2 DeBakey®-type jaws, curved shafts.

CATALOG #	DESCRIPTION
183400	2-3/4" (7 cm) jaws, 9-3/8" (24 cm)
183410	3-5/8" (9 cm) jaws, 9-5/8" (24.5 cm)

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FORCEPS AND CLAMPS

Gastrointestinal Forceps and Clamps



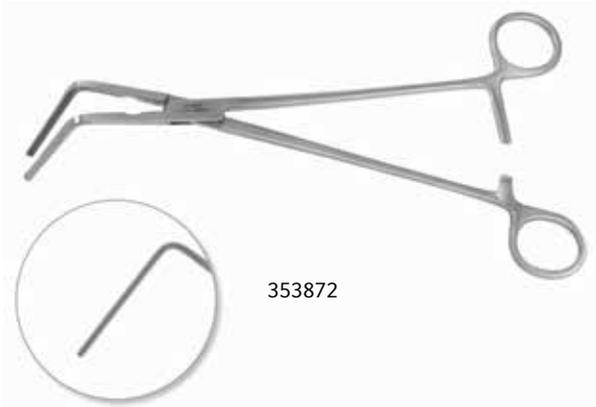
STONE INTESTINAL CLAMPS



Handle may be used at any angle. Narrow longitudinally serrated blades. Set consists of 2 clamps with tip locks and 2 applying forceps.

CATALOG #	DESCRIPTION
185402	Set. With 4-3/8" (11 cm) length clamps
185404	Clamp with tip lock, 3-3/8" (8.5 cm)

STRELINGER RIGHT ANGLE CLAMP



CATALOG #	DESCRIPTION
353872	Large size, 3-1/4" (8.5 cm) DeBakey-type jaws angled 90 degrees, 9-5/8" (24.5 cm)

SCISSORS

Bandage Scissors and Shears



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ESMARCH BANDAGE SCISSORS



142425

One large finger ring.

CATALOG #	DESCRIPTION
142425	7-3/4" (19.5 cm)

ESMARCH PLASTER SHEARS



463885

CATALOG #	DESCRIPTION
463885	7-7/8" (20 cm)

HERCULES PLASTER SCISSORS



KM31834

For lightweight plaster or aluminum casts.

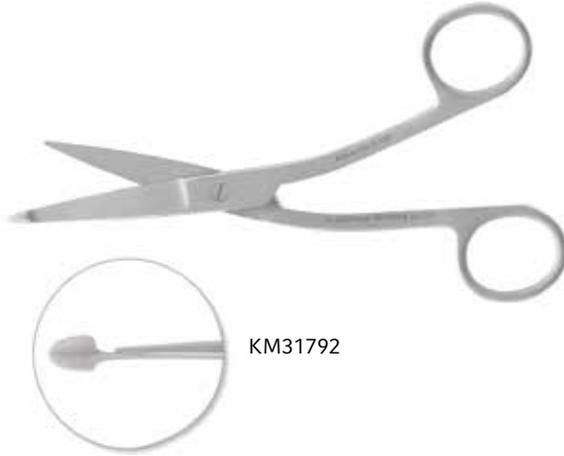
CATALOG #	DESCRIPTION
KM31834	Angled, one blade serrated, 7-1/2" (19 cm)

SCISSORS

Bandage Scissors and Shears



HI-LEVEL BANDAGE SCISSORS



KM31792

The delicate offset shanks provide better leverage. The fine knob slides easily under finger and toe bandages.

CATALOG #	DESCRIPTION
KM31792	Shanks angled on side, one serrated blade, 5-1/2" (14 cm)

UTILITY SHEARS



KM31836

Effective for cloth or cotton wadding. One smooth and one serrated blade.

CATALOG #	DESCRIPTION
KM31836	8-1/4" (21 cm)

KNOWLES BANDAGE SCISSORS



KM31804

For finger and toe bandages.

CATALOG #	DESCRIPTION
KM31804	Straight, one serrated blade, 5-1/2" (14 cm)



SCISSORS

Bandage Scissors and Shears

LISTER BANDAGE SCISSORS



KM31680

CATALOG #	DESCRIPTION
KM31680	4-1/2" (11.5 cm)

LISTER BANDAGE SCISSORS



142415

satin finish.

CATALOG #	DESCRIPTION
142415	5-3/4" (14.5 cm)
142420	7-1/4" (18.5 cm)
142422	8" (20.5 cm)

LISTER BANDAGE SCISSORS



463810

bright finish.

CATALOG #	DESCRIPTION
463810	5-3/4" (14.5 cm)
463830	7-1/4" (18.5 cm)

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SCISSORS

Bandage Scissors and Shears

LISTER BANDAGE SCISSORS



One large finger ring.

CATALOG #	DESCRIPTION
463840	8" (20.5 cm)

MOLESKIN SCISSORS



One blade serrated.

CATALOG #	DESCRIPTION
KM69820	Straight, 7" (18 cm)
KM69824	Curved, 7-1/2" (19 cm)



SCISSORS

Bandage Scissors and Shears

MAKI SCISSORS



463820

Uniquely designed teeth to grip bottle caps, needles, tubing.

CATALOG #	DESCRIPTION
463820	5-3/4" (14.5 cm)

UNIVERSAL SHEARS



142452

Stainless steel, comfortable polymer handles, serrated.

CATALOG #	DESCRIPTION
142452	7-1/2" (19 cm)
KM11202	Red handles, 7-1/2" (19 cm)

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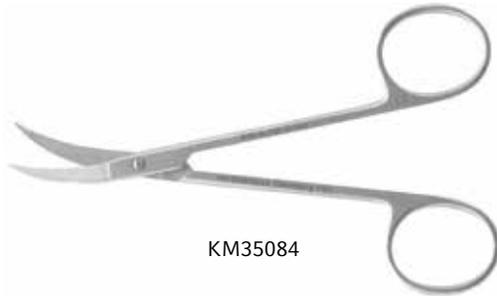


SCISSORS

Stitch and Suture Removal Scissors



HILL STITCH SCISSORS



KM35084

CATALOG #	DESCRIPTION
KM35084	Curved, 4-3/8" (11 cm)

LITTAUER STANDARD SUTURE SCISSORS



142325

CATALOG #	DESCRIPTION
142325	5-1/2" (14 cm)

LITTAUER STITCH SCISSORS



KM35120

CATALOG #	DESCRIPTION
KM35120	Straight, 5-1/2" (14 cm)

SCISSORS

Stitch and Suture Removal Scissors



LITTLER STITCH SCISSORS



CATALOG #	DESCRIPTION
KM35078	Curved, 4-5/8" (11.5 cm)

NORTHBENT STITCH SCISSORS



CATALOG #	DESCRIPTION
KM35104	Curved on side, 5-1/8" (13 cm)

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SCISSORS

Stitch and Suture Removal Scissors



SHORTBENT STITCH SCISSORS



KM35080

CATALOG #	DESCRIPTION
KM35080	Curved on side, delicate, 3-1/2" (9 cm)

SPENCER SCISSORS



142312

satin finish. Very delicate for fine sutures.

CATALOG #	DESCRIPTION
142312	5" (12.5 cm)

SCISSORS

Stitch and Suture Removal Scissors



SPENCER STITCH SCISSORS



KM35092

satin finish. Delicate, straight.

CATALOG #	DESCRIPTION
KM35068	3-1/2" (9 cm)
KM35092	4-3/4" (12 cm)

SPENCER STITCH SCISSORS



520135

520140

bright finish.

CATALOG #	DESCRIPTION
520135	Slightly curved, 20 mm blades, 3-1/2" (9 cm)
520140	Straight, serrated, 30 mm blades, 5" (12.5 cm)

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SCISSORS

Stitch and Suture Removal Scissors

SUTURE REMOVAL SCISSORS



bright finish.

CATALOG #	DESCRIPTION
056120	Curved, pointed, 22 mm blades, 4-3/4" (12 cm)

Wire Cutting Scissors

BANTAM WIRE CUTTING SCISSORS



Serrated 18 mm blades.

CATALOG #	DESCRIPTION
520150	Straight, 4-3/8" (11 cm)
520152	Curved, 4" (10 cm)



SCISSORS

Wire Cutting Scissors

HEATH SUTURE AND WIRE CUTTING SCISSORS



520120

CATALOG #	DESCRIPTION
520120	Curved sideways, serrated, 23 mm blades, 6" (15 cm)

ROGER WIRE CUTTING SCISSORS



520130

bright finish.

CATALOG #	DESCRIPTION
520130	One serrated blade, 15 mm blades angled sideways, 5" (12.5 cm)

WIRE SCISSORS



142518

satin finish. Angular with notch for wire.

CATALOG #	DESCRIPTION
142515	Stainless steel blades, one serrated, 5" (12.5 cm)
142518	TC blades, 5" (12.5 cm)

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SCISSORS

Wire Cutting Scissors

WIRE CUTTING SCISSORS



KM35200

Pattern, satin finish.

CATALOG #	DESCRIPTION
KM35200	Angular carbide, one serrated blade, 4-3/4" (12 cm), TC

VERNON WIRE SCISSORS



790310

Straight, serrated blades.

CATALOG #	DESCRIPTION
790310	32 mm blades, 5-3/4" (14.5 cm)
790315	42 mm blades, 7-1/2" (19 cm)

Operating Scissors

DELICATE OPERATING SCISSORS



460180

Sharp/Blunt.

CATALOG #	DESCRIPTION
460180	Straight, 5" (12.5 cm)



SCISSORS

Operating Scissors

OPERATING SCISSORS, B/B



Blunt/Blunt, stainless steel.

CATALOG #	DESCRIPTION
460165	Straight, 5" (12.5 cm)
460219	Curved, 5-1/2" (14 cm)
460170	Straight, 5-3/4" (14.5 cm)
460179	Straight, 6" (15 cm)
460177	Straight, 7" (18 cm)

OPERATING SCISSORS, S/B



Sharp/Blunt, stainless steel.

CATALOG #	DESCRIPTION
460100	Straight, 4-3/4" (12 cm)
460105	Straight, 5" (12.5 cm)
460110	Straight, 5-1/2" (14 cm)
460220	Curved, 5-1/2" (14 cm)
460175	Straight, 6" (15 cm)
460115	Straight, 6-3/4" (17 cm)

OPERATING SCISSORS, S/S



Sharp/Sharp, stainless steel.

CATALOG #	DESCRIPTION
460245	Curved, 5-1/2" (14 cm)
460135	Straight, 5" (12.5 cm)
460140	Straight, 5-1/2" (14 cm)

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SCISSORS

Operating Scissors



OPERATING SCISSORS, TC



464502

5-1/2" (14 cm), TC.

CATALOG #	DESCRIPTION
464500	Sharp/Blunt
464502	Sharp/Sharp

OPERATING SCISSORS



141146

141106

satin finish.

CATALOG #	DESCRIPTION
141146	Sharp/Blunt, straight, 5-1/2" (14 cm)
141106	Sharp/Sharp, straight, 5-3/4" (14.5 cm)

Mayo-Type Scissors

MAYO BEVELED BLADE SCISSORS



141317

CATALOG #	DESCRIPTION
141310	Straight, 5-3/4" (14.5 cm)
141315	Curved, 5-3/4" (14.5 cm)
141312	Straight, 6-3/4" (17 cm)
141317	Curved, 6-3/4" (17 cm)



SCISSORS

Mayo-Type Scissors

MAYO ROUND SURFACE BLADE SCISSORS



141332

CATALOG #	DESCRIPTION
141332	Straight, 6-3/4" (17 cm)

MAYO DISSECTING SCISSORS



460400

bright finish.

CATALOG #	DESCRIPTION
460410	Curved, 43 mm blades, 5-1/2" (14 cm)
460400	Straight, 43.5 mm blades, 5-5/8" (14.5 cm)
460420	Straight, 51.5 mm blades, 6-3/4" (17 cm)
460430	Curved, 49.5 mm blades, 6-3/4" (17 cm)
460620	Straight, 64 mm blades, 8-3/4" (22 cm)
460630	Curved, 64 mm blades, 8-3/4" (22 cm)

MAYO DISSECTING SCISSORS



460461

bright finish, lightweight, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
460460	Straight
460461	Curved

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SCISSORS

Mayo-Type Scissors



MAYO DISSECTING SCISSORS, TC



satin finish. Beveled blade.

CATALOG #	DESCRIPTION
142220	Curved, 5-1/2" (14 cm), TC
142235	Curved, 9" (23 cm), TC
142237	Straight, 9" (23 cm), TC

MAYO DISSECTING SCISSORS, TC



bright finish. Round blade.

CATALOG #	DESCRIPTION
464605	Curved, 5-3/4" (14.5 cm), TC
464615	Curved, 6-1/2" (16.5 cm), TC
464600	Straight, 5-3/4" (14.5 cm), TC
464610	Straight, 6-1/2" (16.5 cm), TC



SCISSORS

Mayo-Type Scissors

MAYO NOBLE SCISSORS



6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
460600	Straight
460601	Curved

MAYO-HARRINGTON SCISSORS



11" (28 cm).

CATALOG #	DESCRIPTION
462120	Straight
462121	Curved

MAYO-STILLE SCISSORS



CATALOG #	DESCRIPTION
KM34306	Straight, 5-1/2" (14 cm)
KM34308	Curved, 5-1/2" (14 cm)
KM34310	Straight, 6-3/4" (17 cm)
KM34312	Curved, 6-3/4" (17 cm)



SCISSORS

Mayo-Type Scissors

CHURCH SCISSORS

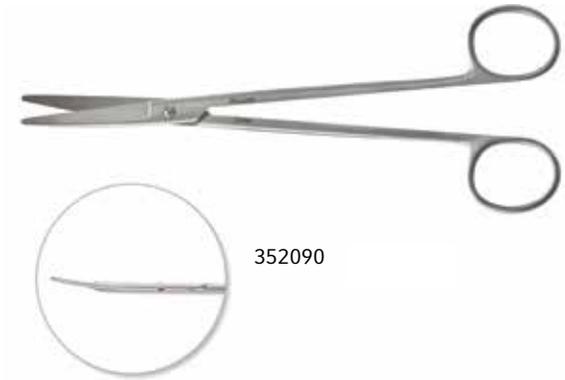


352250

Lightly constructed, long scissors with a beveled surface. Mayo style blades. Blunt, dissecting tips.

CATALOG #	DESCRIPTION
352250	Curved, 6-3/4" (17 cm)
352240	Straight, 7" (18 cm)

COOLEY-MAYO CURVED SCISSORS



352090

CATALOG #	DESCRIPTION
352090	7-1/2" (19 cm)

DOYEN ABDOMINAL SCISSORS



KM34336

satin finish.

CATALOG #	DESCRIPTION
KM34334	Straight, 7" (18 cm)
KM34336	Curved, 7" (18 cm)



SCISSORS

Mayo-Type Scissors

DOYEN SCISSORS



141395

satin finish.

CATALOG #	DESCRIPTION
141395	Straight, 7-1/4" (18.5 cm)

DOYEN FERGUSON SCISSORS



460720

CATALOG #	DESCRIPTION
460720	Angled on flat, 59 mm blades, 7-1/8" (18 cm)

SIMS SCISSORS



KM67174

8" (20.5 cm).

CATALOG #	DESCRIPTION
KM67164	Straight, Sharp/Sharp blades
KM67166	Straight, Sharp/Blunt blades
KM67168	Straight, Blunt/Blunt blades
KM67170	Curved, Sharp/Sharp blades
KM67172	Curved, Sharp/Blunt blades
KM67174	Curved, Blunt/Blunt blades

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SCISSORS

Mayo-Type Scissors



SISTRUNK FINE SCISSORS

Delicate, 5-1/2" (14 cm).



KM34354

CATALOG #	DESCRIPTION
KM34348	Straight
KM34354	Curved

SISTRUNK HEAVY SCISSORS



KM34356

CATALOG #	DESCRIPTION
KM34356	Straight, 5-1/2" (14 cm)

JORGENSON SCISSORS

Heavy, rigid body with acutely curved blades that taper to a rounded narrow tip.



342273

CATALOG #	DESCRIPTION
342273	8-3/4" (22 cm)

SCISSORS

Mayo-Type Scissors



THOREK SCISSORS



Medium weight construction, round surface, acutely curved blades.

CATALOG #	DESCRIPTION
342270	7-1/4" (18.5 cm)
342272	10" (25.5 cm)

MARTIN CARTILAGE SCISSORS



CATALOG #	DESCRIPTION
790320	Curved, serrated blades, 8" (20.5 cm)

DEAN SCISSORS

CATALOG #	DESCRIPTION
KM34642	Angled, serrated, 7" (18 cm)

GORNEY RHYTIDECTOMY SCISSORS



CATALOG #	DESCRIPTION
442560	Straight, serrated, 6-3/4" (17 cm)

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SCISSORS

Metzenbaum-Type Scissors

BABY METZENBAUM SCISSORS



bright finish.

CATALOG #	DESCRIPTION
056310	Curved, 5-3/4" (14.5 cm)

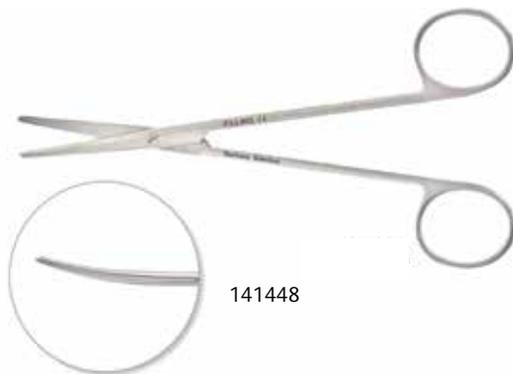
LAHEY (BABY METZ) SCISSORS



satin finish.

CATALOG #	DESCRIPTION
141450	Straight, 5-3/4" (14.5 cm)
141452	Curved, 5-3/4" (14.5 cm)

METZENBAUM SCISSORS, DELICATE



satin finish. Delicate curved.

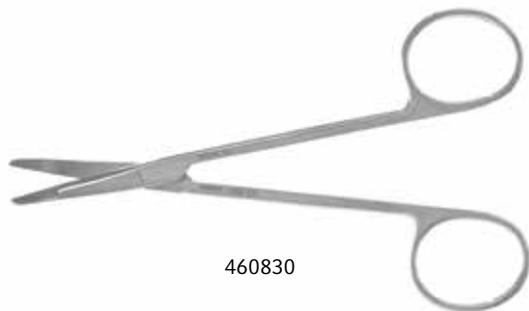
CATALOG #	DESCRIPTION
141448	5-1/2" (14 cm)
352235	7" (18 cm)
352237	8" (20.5 cm)



SCISSORS

Metzenbaum-Type Scissors

METZENBAUM SCISSORS, DELICATE



460830

CATALOG #	DESCRIPTION
460830	Curved, 29 mm delicate blades with cut-out, 5" (12.5 cm)

METZENBAUM SCISSORS



141467

satin finish.

CATALOG #	DESCRIPTION
141460	Straight, 7" (18 cm)
141462	Curved, 7" (18 cm)
141467	Curved, 8-1/4" (21 cm)
141469	Curved, 9" (23 cm)

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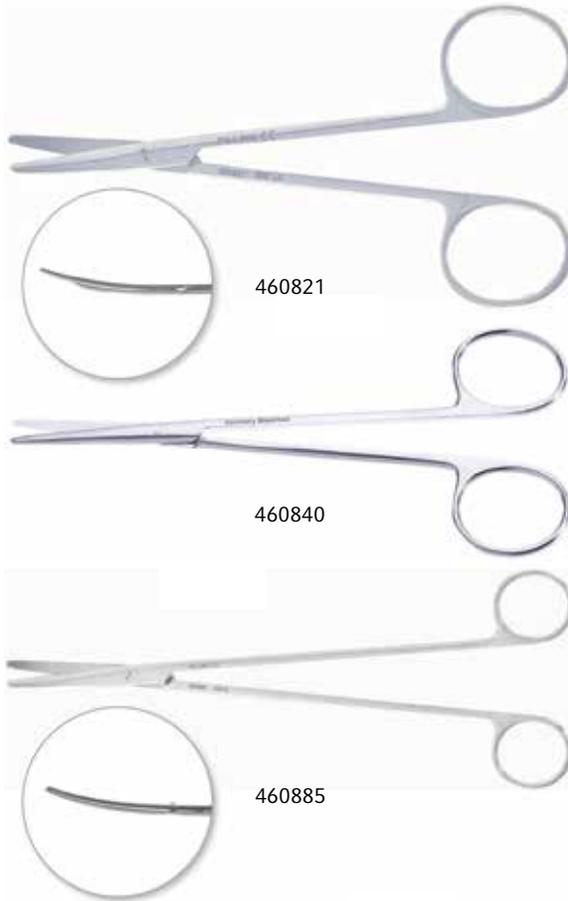
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SCISSORS

Metzenbaum-Type Scissors



METZENBAUM SCISSORS



bright finish.

CATALOG #	DESCRIPTION
460820	Straight, 5" (12.5 cm)
460821	Curved, 5" (12.5 cm)
460840	Straight, 5-3/8" (13.5 cm)
460841	Curved, 5-3/8" (13.5 cm)
460880	Straight, 5-3/8" (13.5 cm)
460881	Curved, 5-3/8" (13.5 cm)
460870	Straight, 7" (18 cm)
460871	Curved, 7" (18 cm)
460884	Straight, 9" (23 cm)
460885	Curved, 9" (23 cm)
462105	Straight, 10-3/8" (26.5 cm)
462110	Curved, 10-1/4" (26 cm)
460889	Curved, 11" (28 cm)



SCISSORS

Metzenbaum-Type Scissors

METZENBAUM SCISSORS



satin finish, 6" and 8".

CATALOG #	DESCRIPTION
KM34458	Straight, 6" (15 cm)
KM34462	Curved, 6" (15 cm)
KM34472	Straight, 8" (20.5 cm)
KM34474	Curved, 8" (20.5 cm)

METZENBAUM SCISSORS, TC



Sharp/Sharp.

CATALOG #	DESCRIPTION
464707	Curved, 5-3/4" (14.5 cm), TC
464712	Straight, 7" (18 cm), TC
464718	Curved, 7" (18 cm), TC
464722	Straight, 9" (23 cm), TC
464727	Curved, 9" (23 cm), TC

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SCISSORS

Metzenbaum-Type Scissors



METZENBAUM SCISSORS, TC



bright finish.

CATALOG #	DESCRIPTION
464700	Straight, 5-3/4" (14.5 cm), TC
464705	Curved, 5-3/4" (14.5 cm), TC
464710	Straight, 7" (18 cm), TC
464715	Curved, 7" (18 cm), TC
464720	Straight, 9" (23 cm), TC
464725	Curved, 9" (23 cm), TC

METZENBAUM SCISSORS, DELICATE, TC



Delicate. Blunt/Blunt.

CATALOG #	DESCRIPTION
464701	Straight, 5-3/4" (14.5 cm), TC
464706	Curved, 5-3/4" (14.5 cm), TC
464711	Straight, 7" (18 cm), TC
464716	Curved, 7" (18 cm), TC
464721	Straight, 9" (23 cm), TC
464726	Curved, 9" (23 cm), TC



SCISSORS

Metzenbaum-Type Scissors

DEBAKEY SCISSORS



Sturdy Metzenbaum-type scissors. Black rings for quick identification.

CATALOG #	DESCRIPTION
342160	Curved, 5-3/4" (14.5 cm), TC
342162	Curved, 7" (18 cm), TC
342166	Curved, 9-1/8" (23 cm), TC
342167	Curved, 10-1/4" (26 cm), TC
342168	Curved, 11-1/4" (28.5 cm), TC
342169	Curved, 12" (30.5 cm), TC

DEBAKEY-METZENBAUM DISSECTING SCISSORS



Curved blades. These scissors are proportionately matched in weight.

CATALOG #	DESCRIPTION
342200	Curved, 5-7/8" (15 cm)
342201	Curved, 7" (18 cm)
342202	Curved, 8-1/8" (20.5 cm)
342203	Curved, 9-1/8" (23 cm)
342204	Curved, 10-1/4" (26 cm)
342206	12-1/4" (31 cm)

DEMARTEL ACUTELY ANGLED SCISSORS



Lightweight construction.

CATALOG #	DESCRIPTION
352210	Angled on flat 50 degrees, short, 16 mm blades, sharp tips, 7" (18 cm)

SCISSORS

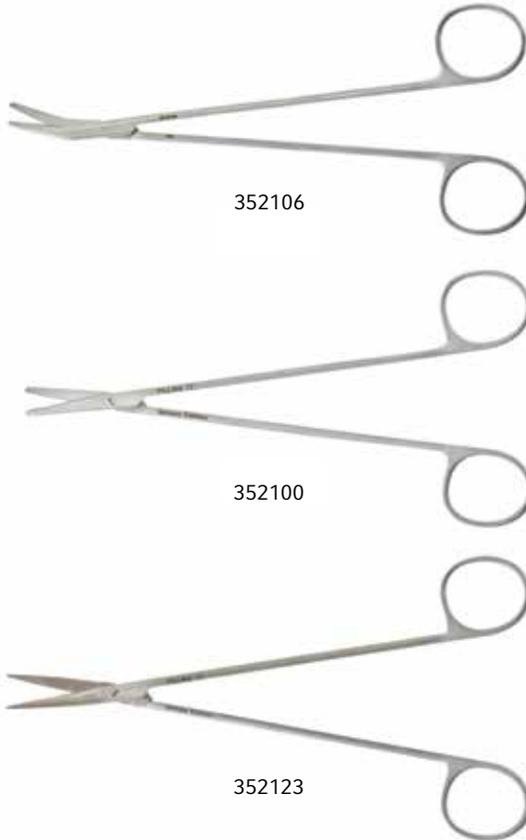
Metzenbaum-Type Scissors



DEMARTEL SCISSORS

Very slim, light construction.

CATALOG #	DESCRIPTION
352120	Straight, sharp blades, 6-3/4" (17 cm)
352106	Angled on flat, blunt blades, 6-3/4" (17 cm)
352109	Curved, blunt blades, 6-3/4" (17 cm)
352129	Curved, sharp blades, 6-3/4" (17 cm)
352100	Straight, blunt blades, 7" (18 cm)
352103P	Angled on flat, blunt tips, 7" (18 cm)
352123	Angled on flat, sharp blades, 7" (18 cm)
352126	Angled to side, sharp blades, 6-7/8" (17.5 cm)



FERGUSON LONG DISSECTING SCISSORS

With Metzenbaum-type, curved blades.

CATALOG #	DESCRIPTION
342275	10-1/4" (26 cm)





SCISSORS

Metzenbaum-Type Scissors

NELSON LOBECTOMY SCISSORS



satin finish, medium weight with rounded Metzenbaum-type curved blades.

CATALOG #	DESCRIPTION
342242	10-1/4" (26 cm)
342243	11-1/4" (28.5 cm)
342245	14-1/4" (36 cm)

NELSON SCISSORS



bright finish.

CATALOG #	DESCRIPTION
462148	Straight, 8" (20.5 cm)
462149	Curved, 8" (20.5 cm)
462150	Straight, 9" (23 cm)
462151	Curved, 9" (23 cm)

NELSON SCISSORS, TC



CATALOG #	DESCRIPTION
464800	Curved, 11-1/8" (28.5 cm), TC
464801	Curved, 11-1/4" (28.5 cm), TC

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SCISSORS

Metzenbaum-Type Scissors



JAMISON-METZENBAUM TENOTOMY SCISSORS



The standard Metzenbaum-style curved blades have specially narrowed tenotomy-type distal tips.

CATALOG #	DESCRIPTION
342220	6" (15 cm)
342221	7" (18 cm)
342222	8" (20.5 cm)
342223	9" (23 cm)

POTTS TENOTOMY SCISSORS



CATALOG #	DESCRIPTION
640280	Curved, 6" (15 cm)



SCISSORS

Metzenbaum-Type Scissors

LINCOLN-METZENBAUM SCISSORS

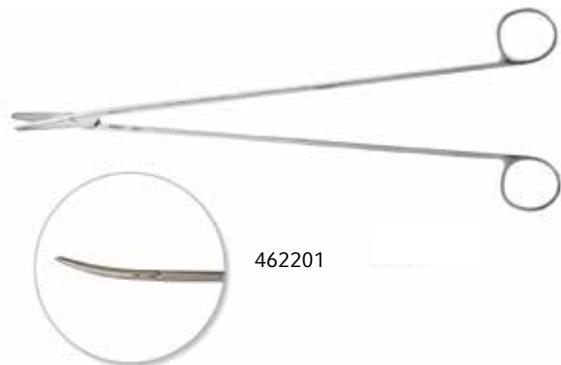


460883

Rounded, narrow dissecting tips.

CATALOG #	DESCRIPTION
460883	Curved, 5-3/8" (13.5 cm)
460873	Curved, 7" (18 cm)

LINCOLN SCISSORS



462201

Small, rounded dissecting blades.

CATALOG #	DESCRIPTION
461310	Straight, 6-1/2" (16.5 cm)
461311	Curved, 6-1/2" (16.5 cm)
462201	Curved, 11" (28 cm)

STRULLY PROBED TIP SCISSORS



462530

CATALOG #	DESCRIPTION
462530	Curved, 8" (20.5 cm)

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SCISSORS

Delicate and Iris-Type Scissors

DIGITATE-HEIFETZ SCISSORS



CATALOG #	DESCRIPTION
066102	Curved, 5-3/4" (14.5 cm)
066100	Straight, 5-3/4" (14.5 cm)
066104	Straight, 4-3/4" (12 cm)



066102

MCCLURE IRIS SCISSORS



CATALOG #	DESCRIPTION
144295	Angled, 4-3/4" (12 cm)



144295



SCISSORS

Delicate and Iris-Type Scissors

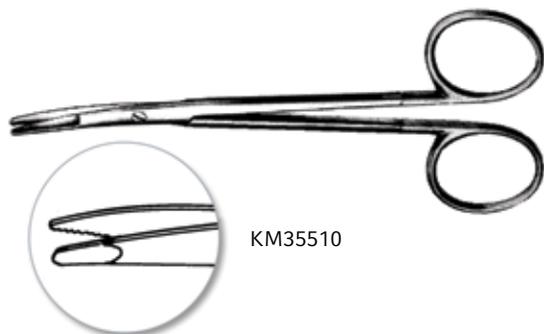
IRIS SCISSORS WITH BARRAQUER HANDLE



055502

CATALOG #	DESCRIPTION
055502	Curved, 18 mm blades, 5-3/4" (14.5 cm)

BLEPHAROPLASTY SCISSORS



KM35510

CATALOG #	DESCRIPTION
KM35510	Curved flat tips, one serrated and one carbide blade, 4-1/2" (11.5 cm), TC

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SCISSORS

Delicate and Iris-Type Scissors

GRADLE SCISSORS



Slightly curved, Sharp/Sharp.

CATALOG #	DESCRIPTION
KM53316	3-3/4" (9.5 cm)
KM53318	4" (10 cm)

IRIS MINIATURE SCISSORS



CATALOG #	DESCRIPTION
055100	Straight, 15 mm blades, 3-1/2" (9 cm)



SCISSORS

Delicate and Iris-Type Scissors

IRIS RIBBON SCISSORS



KM53267

Slightly curved, Sharp/Sharp.

CATALOG #	DESCRIPTION
KM53265	3-3/4" (9.5 cm)
KM53267	4" (10 cm)

IRIS SCISSORS



144300

satin finish.

CATALOG #	DESCRIPTION
144300	Straight, 4-1/2" (11.5 cm), stainless steel
144310	Curved, 4-1/2" (11.5 cm), stainless steel
144315	Straight, 4-1/2" (11.5 cm), TC
144317	Curved, 4-1/2" (11.5 cm), TC

IRIS SCISSORS



462600

bright finish.

CATALOG #	DESCRIPTION
462600	Curved, 25 mm blades, 4-1/2" (11.5 cm)
462605	Straight, 25 mm blades, 4-1/2" (11.5 cm)
462640	Straight, 30 mm blades, 5" (12.5 cm)
462641	Curved, 28 mm blades, 5" (12.5 cm)

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SCISSORS

Delicate and Iris-Type Scissors



IRIS SCISSORS, TC



bright finish.

CATALOG #	DESCRIPTION
462632	Straight, 4-1/2" (11.5 cm), TC
462633	Curved, 4-1/2" (11.5 cm), TC

JOSEPH SCISSORS



CATALOG #	DESCRIPTION
442510	Straight, 5-3/4" (14.5 cm)
442512	Curved, 5-3/4" (14.5 cm)

KAYE SCISSORS



CATALOG #	DESCRIPTION
464220	Curved, 32 mm serrated blades, 4-1/2" (11.5 cm), TC

SCISSORS

Delicate and Iris-Type Scissors



KELLY FISTULA SCISSORS



KM34607

Smooth, Sharp/Sharp.

CATALOG #	DESCRIPTION
KM34602	Straight, 6-1/4" (16 cm)
KM34607	Curved, 6-1/4" (16 cm)
KM34612	Angled, 6-1/4" (16 cm)

DUFFIELD SCISSORS

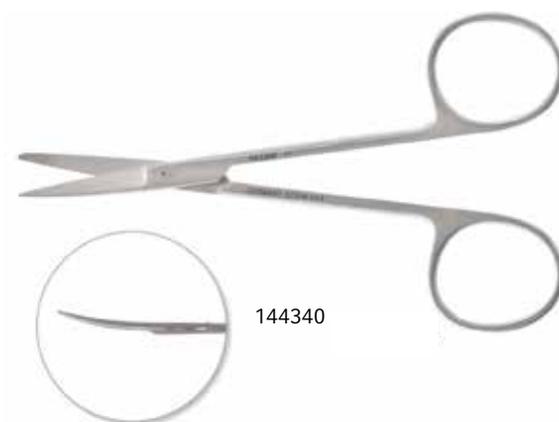


461431

Sharp/Sharp.

CATALOG #	DESCRIPTION
461430	Straight, 28 mm blades, 6-1/2" (16.5 cm)
461431	Curved, 28 mm blades, 6-1/2" (16.5 cm)

KNAPP IRIS SCISSORS



144340

One sharp and one blunt point, 4-1/2" (11.5 cm).

CATALOG #	DESCRIPTION
144338	Straight
144340	Curved

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SCISSORS

Delicate and Iris-Type Scissors



LA GRANGE SCISSORS



KM34621

CATALOG #	DESCRIPTION
KM34621	Curved, 4-1/2" (11.5 cm)

PAR SCISSORS



464810

CATALOG #	DESCRIPTION
464810	Curved, 4-1/2" (11.5 cm), TC



SCISSORS

Delicate and Iris-Type Scissors

PLASTIC SCISSORS



CATALOG #	DESCRIPTION
442502	Curved, 4-3/4" (12 cm)

PLASTIC SCISSORS



Pointed, sharp, 34 mm blades, 4-3/4" (12 cm).

CATALOG #	DESCRIPTION
056200	Straight
056201	Curved

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SCISSORS

Delicate and Iris-Type Scissors



RAGNELL SCISSORS, DELICATE



442576

CATALOG #	DESCRIPTION
442576	Half-curved, 4-3/4" (12 cm)

RAGNELL SCISSORS



KM34560

Curved, flat blunt tips.

CATALOG #	DESCRIPTION
KM34560	5" (12.5 cm)
KM34562	7" (18 cm)

SHEA VEIN GRAFT SCISSORS



442525

CATALOG #	DESCRIPTION
442525	Flat tips, 4-3/4" (12 cm)



SCISSORS

Delicate and Iris-Type Scissors

STEVENS TENOTOMY



KM53174

satin finish, Sharp/Sharp points.

CATALOG #	DESCRIPTION
KM53174	Straight, 4-3/8" (11 cm)
KM53176	Curved, 4-3/8" (11 cm)

STEVENS TENOTOMY



144352

satin finish, slender style.

CATALOG #	DESCRIPTION
144350	Straight, 4-1/2" (11.5 cm)
144352	Slightly curved blades, 4-1/2" (11.5 cm)

STEVENS TENOTOMY, DELICATE



442515

satin finish.

CATALOG #	DESCRIPTION
442515	Curved, 5" (12.5 cm)

SCISSORS

Delicate and Iris-Type Scissors

STEVENS TENOTOMY



bright finish.

CATALOG #	DESCRIPTION
462680	Straight, 4-1/2" (11.5 cm)
462681	Curved, 4-1/2" (11.5 cm)
056110	Curved, 5-1/8" (13 cm)

STRABISMUS SCISSORS



satin finish. Rounded blades and tips.

CATALOG #	DESCRIPTION
144319	Straight, 4-1/2" (11.5 cm), TC
144321	Curved, 4-1/2" (11.5 cm), TC
144330	Straight, round shank, 4-3/4" (12 cm), stainless steel
144332	Curved, round shank, 4-3/4" (12 cm), stainless steel

STRABISMUS SCISSORS



bright finish. Rounded 30 mm dissecting blades.

CATALOG #	DESCRIPTION
462690	Straight, 4-1/2" (11.5 cm)
462691	Curved, 4-1/2" (11.5 cm)



SCISSORS

Delicate and Iris-Type Scissors

WUTZLER SCISSORS



28 mm dissecting blades.

CATALOG #	DESCRIPTION
462540	Straight, Blunt/Blunt blades, 5" (12.5 cm)
462541	Curved, Blunt/Blunt blades, 5" (12.5 cm)
462550	Straight, Sharp/Sharp blades, 4-3/4" (12 cm)

GOLDMAN-FOX SCISSORS

CATALOG #	DESCRIPTION
KM34648	Curved, serrated, 5" (12.5 cm)

SCISSORS

Super-Cut and Ultimate-Cut Scissors

Our Super-Cut Scissors and Ultimate-Cut Scissors are manufactured with the finest surgical stainless steel, the latest heat treating methods and master craftsmanship.

Both style scissors are designed with one razor-sharp blade edge. The Super-Cut scissors opposite blade has a standard smooth edge, while the Ultimate-Cut scissors opposite blade incorporates a micro-serrated edge.

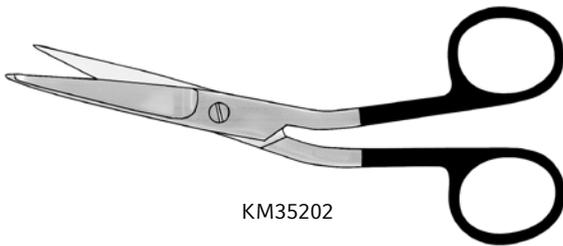
SUPER-CUT LISTER BANDAGE SCISSORS



KM35210

CATALOG #	DESCRIPTION
KM35210	5-3/4" (14.5 cm)
KM35212	7-1/4" (18.5 cm)

SUPER-CUT HI-LEVEL BANDAGE SCISSORS

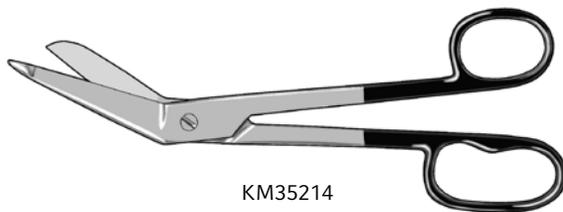


KM35202

The delicate offset shanks and the sharp Super-Cut edge provide better leverage. The fine knob slides easily under finger bandages.

CATALOG #	DESCRIPTION
KM35202	Straight, angled on side, 5-1/2" (14 cm)

SUPER-CUT LISTER BANDAGE SCISSORS WITH LARGE FINGER RING



KM35214

Razor-sharp scissors ideal for cutting heavy material including: moleskin, drapes and stockinette. Not recommended for fiberglass or plaster splints. Oversized finger ring helps relieve pressure on the third metacarpal.

CATALOG #	DESCRIPTION
KM35214	Straight, 8" (20.5 cm)



SCISSORS

Super-Cut and Ultimate-Cut Scissors

SUPER-CUT OPERATING SCISSORS



KM35250

Sharp/Blunt.

CATALOG #	DESCRIPTION
KM35220	Straight, 5-1/2" (14 cm)
KM35250	Curved, 5-3/4" (14.5 cm)

SUPER-CUT MAYO SCISSORS



KM35298

Beveled blades, blunt points.

CATALOG #	DESCRIPTION
KM35280	Straight, 5-3/4" (14.5 cm)
KM35286	Curved, 5-3/4" (14.5 cm)
KM35292	Straight, 6-3/4" (17 cm)
KM35298	Curved, 6-3/4" (17 cm)
KM35316	Straight, 9-1/4" (23.5 cm)
KM35322	Curved, 9" (23 cm)
KM35340	Curved, 11" (28 cm)

ULTIMATE-CUT COOLEY SCISSORS



463950

CATALOG #	DESCRIPTION
463950	Curved, with one serrated blade, 7-3/4" (19.5 cm)

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SCISSORS

Super-Cut and Ultimate-Cut Scissors

SUPER-CUT (BABY) METZENBAUM SCISSORS



Blunt points.

CATALOG #	DESCRIPTION
KM35364	Straight, 4-1/2" (11.5 cm)
KM35370	Curved, 4-1/2" (11.5 cm)

SUPER-CUT METZENBAUM SCISSORS



Blunt points.

CATALOG #	DESCRIPTION
KM35380	Straight, 6" (15 cm)
KM35382	Curved, 5-5/8" (14.5 cm)
KM35392	Straight, 7" (18 cm)
KM35394	Curved, 7" (18 cm)
KM35396	Curved, delicate, 7" (18 cm)
KM35406	Curved, 8" (20.5 cm)
KM35418	Curved, 9" (23 cm)
KM35430	Curved, 11-1/4" (28.5 cm)

SUPER-CUT JAMISON SCISSORS



CATALOG #	DESCRIPTION
KM35496	Curved blunt points, very delicate, 6-1/4" (16 cm)



SCISSORS

Super-Cut and Ultimate-Cut Scissors

SUPER-CUT STEVENS SCISSORS



Blunt points. Delicate short narrow tips for dissecting fine tissue.

CATALOG #	DESCRIPTION
KM35484	Straight, 4-1/2" (11.5 cm)
KM35490	Curved, 4-1/2" (11.5 cm)
KM35494	Curved, 5-1/4" (13.5 cm)

SUPER-CUT IRIS SCISSORS



Sharp points.

CATALOG #	DESCRIPTION
KM35450	Straight, 3-1/2" (9 cm)
KM35452	Curved, 3-1/2" (9 cm)
KM35454	Straight, 4-1/2" (11.5 cm)
KM35460	Curved, 4-1/2" (11.5 cm)

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SCISSORS

Super-Cut and Ultimate-Cut Scissors



ULTIMATE-CUT MAYO SCISSORS



463903

CATALOG #	DESCRIPTION
463900	Straight, 6-3/4" (17 cm)
463901	Curved, 6-3/4" (17 cm)
463903	Curved, 9-1/8" (23 cm)

ULTIMATE-CUT METZENBAUM SCISSORS



463912

CATALOG #	DESCRIPTION
463910	Straight, 5-3/4" (14.5 cm)
463911	Curved, 5-3/4" (14.5 cm)
463912	Straight, 6-7/8" (17.5 cm)
463913	Curved, 7" (18 cm)
463915	Curved, 9" (23 cm)

ULTIMATE-CUT POTTS SCISSORS



463941

CATALOG #	DESCRIPTION
463941	Angled 45 degrees, with one serrated blade, 7-1/4" (18.5 cm)



SCISSORS

Super-Cut and Ultimate-Cut Scissors

ULTIMATE-CUT STEVENS TENOTOMY SCISSORS



CATALOG #	DESCRIPTION
463920	Straight, 4-1/2" (11.5 cm)
463921	Curved, 4-1/2" (11.5 cm)

463920

IRIS SCISSORS



Sharp/Sharp.

CATALOG #	DESCRIPTION
463930	Straight with one serrated blade, 4-1/2" (11.5 cm)
463932	Curved with one serrated blade, 4-1/2" (11.5 cm)

463932

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NEEDLE HOLDERS

General Needle Holders

BAUMGARTNER NEEDLE HOLDER



CATALOG #	DESCRIPTION
152710	11.7 x 2.2 mm jaw, 5-1/4" (13.5 cm), TC

BAUMGARTNER BULLDOG NEEDLE HOLDER



CATALOG #	DESCRIPTION
510181	1.6 mm jaw, 5" (12.5 cm), TC



NEEDLE HOLDERS

General Needle Holders

BROWN NEEDLE HOLDER



055200

CATALOG #	DESCRIPTION
055200	Regular, convex jaw with fine oblique serrations, 15 x 2.7 mm, 5" (12.5 cm), stainless steel jaw

CONVERSE NEEDLE HOLDER



443100

CATALOG #	DESCRIPTION
443100	Large rings, 14 x 2.3 mm jaw, 5" (12.5 cm), stainless steel jaw

DERF NEEDLE HOLDERS



055135

bright finish.

CATALOG #	DESCRIPTION
055135	10.2 x 2.4 mm jaw, 4-3/4" (12 cm), TC

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NEEDLE HOLDERS

General Needle Holders



DERF NEEDLE HOLDERS



satin finish.

CATALOG #	DESCRIPTION
152798	7.5 x 1.7 mm jaw, 4-1/2" (11.5 cm), TC

DERF NEEDLE HOLDER STANDARD – STAINLESS STEEL JAW



CATALOG #	DESCRIPTION
443120	9.5 x 2 mm jaw, 5" (12.5 cm)

NEEDLE HOLDERS

General Needle Holders



GILLIES NEEDLE HOLDER SCISSORS



Large offset thumb ring.

CATALOG #	DESCRIPTION
152496	2.2 mm jaw, 6-1/4" (16 cm), TC

HALSEY NEEDLE HOLDERS



satin finish. Stainless steel jaw.

CATALOG #	DESCRIPTION
KM41064	Smooth, 2.5 mm jaw, 5" (12.5 cm)
KM41066	Serrated, 2.2 mm jaw, 5-1/4" (13.5 cm)

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NEEDLE HOLDERS

General Needle Holders



HALSEY NEEDLE HOLDERS



152802

satin finish.

CATALOG #	DESCRIPTION
152802	Smooth, 11.5 x 1.8 mm jaw, 5-1/4" (13.5 cm), TC
152800	Serrated, 11 x 2.2 mm jaw, 5-1/4" (13.5 cm), TC

JOHNSON BULLDOG NEEDLE HOLDER



510311

CATALOG #	DESCRIPTION
510311	9.7 x 2.5 mm, Bulldog® Jaw, 4-3/4" (12 cm), TC

JOHNSON NEEDLE HOLDER



510312

CATALOG #	DESCRIPTION
510312	12 x 2 mm jaw, 4-3/4" (12 cm), TC



NEEDLE HOLDERS

General Needle Holders

NEIVERT NEEDLE HOLDER



Off-set ring handle.

CATALOG #	DESCRIPTION
152805	16 x 2 mm jaw, 5-1/4" (13.5 cm), TC

PAR NEEDLE HOLDERS



CATALOG #	DESCRIPTION
510335	13 x 2 mm jaw, 5" (12.5 cm), TC
510395	11 x 1.8 mm jaw, 5-1/2" (14 cm), TC

NEEDLE HOLDERS

General Needle Holders

WEBSTER NEEDLE HOLDERS



satin finish.

CATALOG #	DESCRIPTION
152808	10.2 x 1.8 mm smooth jaw, 4-1/2" (11.5 cm), TC

WEBSTER NEEDLE HOLDERS



bright finish.

CATALOG #	DESCRIPTION
510325	Delicate, smooth, 13 x 2.2 mm jaw, 4-3/4" (12 cm), TC



NEEDLE HOLDERS

General Needle Holders

WEBSTER BULLDOG NEEDLE HOLDER

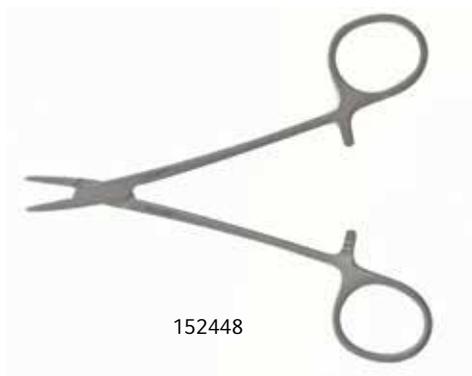


510321

bright finish.

CATALOG #	DESCRIPTION
510321	Delicate, smooth, 13.5 x 2 mm Bulldog® jaw, 4-3/4" (12 cm), TC

WEBSTER NEEDLE HOLDERS



152448

CATALOG #	DESCRIPTION
152448	16 x 2.2 mm smooth stainless steel jaw, 5" (12.5 cm)

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NEEDLE HOLDERS

General Needle Holders

WEBSTER NEEDLE HOLDERS



KM41068

CATALOG #	DESCRIPTION
KM41068	Smooth, stainless steel jaw, 5" (12.5 cm)

OLSEN-HEGAR NEEDLE HOLDER AND SCISSORS



510440

510441

bright finish.

CATALOG #	DESCRIPTION
510440	11 x 3.2 mm jaw, 5-3/4" (14.5 cm), TC
510441	15 x 3.1 mm jaw, 6" (15 cm), stainless steel jaw
510445	11.5 x 3.2 mm jaw, 7" (18 cm), TC

NEEDLE HOLDERS

General Needle Holders



OLSEN-HEGAR NEEDLE HOLDERS



Combination needle holder and suture scissors.
Pattern, satin finish.

CATALOG #	DESCRIPTION
KM41424	Delicate, 4-3/4" (12 cm)
KM41428	5" (12.5 cm)
KM41440	Delicate, 4-1/2" (11.5 cm), TC
KM41452	6-1/2" (16.5 cm), TC

RYDER FRENCH EYE NEEDLE HOLDERS



satin finish.

CATALOG #	DESCRIPTION
152760	20 x 2 mm jaw, 6" (15 cm), TC
152762	20.5 x 2 mm jaw, 7-1/4" (18.5 cm), TC
152764	20 x 2 mm jaw, 8" (20.5 cm), TC

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NEEDLE HOLDERS

General Needle Holders



RYDER BULLDOG NEEDLE HOLDERS

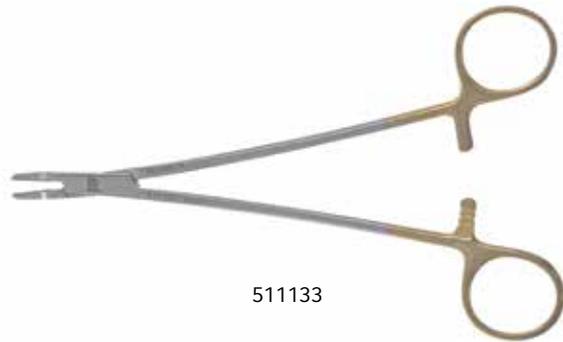


511132

right finish. French eye with fine serrations and delicate, tapered, Bulldog Jaw.

CATALOG #	DESCRIPTION
511115	9.5 x 2 mm jaw, 5" (12.5 cm), TC
511130	12 x 2 mm jaw, 6" (15 cm), TC
511132	13 x 1.7 mm jaw, 7" (18 cm), TC
511134	13 x 2 mm jaw, 7-3/4" (19.5 cm), TC
511138	12.5 x 1.8 mm jaw, 10" (25.5 cm), TC

RYDER NEEDLE HOLDERS



511133

bright finish. French eye with fine serrations and delicate, tapered jaw.

CATALOG #	DESCRIPTION
511131	12.5 x 2 mm jaw, 6-1/4" (16 cm), TC
511133	13 x 2.2 mm jaw, 7" (18 cm), TC
511135	12.5 x 1.7 mm jaw, 8" (20.5 cm), TC
511139	12 x 2 mm jaw, 10" (25.5 cm), TC

RYDER EXTRA-FINE TECHNIQUE NEEDLE HOLDERS



354994

satin finish. Sculptured 1 mm wide jaws designed for the finest vascular, plastic and nerve suture needles. Lightweight throughout (average weight 1 oz).

CATALOG #	DESCRIPTION
354990	11.5 x 1.3 mm jaw, 5-1/4" (13.5 cm), TC
354992	12.5 x 1.2 mm jaw, 6" (15 cm), TC
354994	14.3 x 1.2 mm jaw, 7" (18 cm), TC
354996	14.5 x 1.2 mm jaw, 8" (20.5 cm), TC
354998	15 x 1.3 mm jaw, 9" (23 cm), TC



NEEDLE HOLDERS

General Needle Holders

CRILE WOOD NEEDLE HOLDERS



satin finish.

CATALOG #	DESCRIPTION
152771	Left-handed, 7" (18 cm), TC
152780	6" (15 cm), TC
152781	Smooth, 6" (15 cm), TC
152782	7" (18 cm), TC
152784	8" (20.5 cm), TC
152786	9" (23 cm), TC
152790	Curved, 7" (18 cm), TC
152792	Curved, 9-1/4" (23.5 cm), TC

CRILE WOOD NEEDLE HOLDERS



bright finish. Delicate, tapered tip.

CATALOG #	DESCRIPTION
510400	6" (15 cm), TC
510405	7" (18 cm), TC
510410	8" (20.5 cm), TC
510415	9" (23 cm), TC
510420	10-1/4" (26 cm), TC
510430	12-1/4" (31 cm), TC

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NEEDLE HOLDERS

General Needle Holders



CRILE MURRAY BULLDOG NEEDLE HOLDERS



510241

bright finish. Long, slender Bulldog Jaw.

CATALOG #	DESCRIPTION
510241	15.4 x 1.8 mm jaw, 6-1/4" (16 cm), TC
510251	15.5 x 2.4 mm jaw, 7" (18 cm), TC

CRILE WOOD BULLDOG NEEDLE HOLDERS



510211

bright finish. Bulldog Jaw.

CATALOG #	DESCRIPTION
510201	Light, 6-1/4" (16 cm), TC
510211	Heavy, 6-1/4" (16 cm), TC



NEEDLE HOLDERS

General Needle Holders

HEGAR BAUMGARTNER NEEDLE HOLDERS



Serrated stainless steel jaw.

CATALOG #	DESCRIPTION
KM41162	Serrated, 5" (12.5 cm)
KM41164	Serrated, 5-3/4" (14.5 cm)

MAYO HEGAR NEEDLE HOLDERS



satin finish.

CATALOG #	DESCRIPTION
152720	14.5 x 3 mm jaw, 6-1/2" (16.5 cm), TC
152402	23 x 2.8 mm jaw, 7-1/4" (18.5 cm), TC
152722	16.5 x 3.3 mm jaw, 7-1/2" (19 cm), TC
152724	17 x 2.8 mm jaw, 8" (20.5 cm), TC
152406	17 x 2.8 mm jaw, 9-1/4" (23.5 cm), TC
152772	Left-handed, 13 x 2.4 mm jaw, 6-1/4" (16 cm), TC

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NEEDLE HOLDERS

General Needle Holders

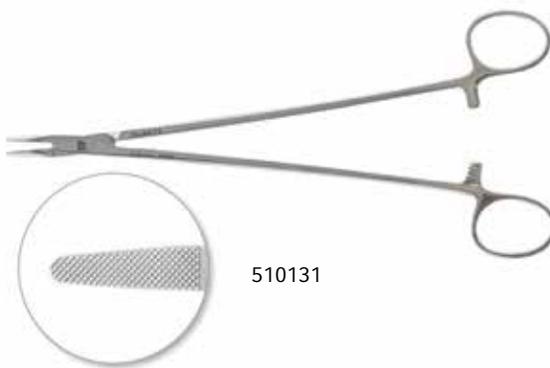
MAYO HEGAR NEEDLE HOLDERS



bright finish, narrow.

CATALOG #	DESCRIPTION
510100	14.6 x 2.6 mm jaw, 6" (15 cm), TC
510110	16.2 x 2.8 mm jaw, 7" (18 cm), TC
510120	15.7 x 3 mm jaw, 8" (20.5 cm), TC
510130	16.4 x 3.2 mm jaw, 9" (23 cm), TC
510140	16.3 x 3.5 mm jaw, 11-3/4" (30 cm), TC

MAYO HEGAR NEEDLE HOLDERS



bright finish, Bulldog Jaw, narrow.

CATALOG #	DESCRIPTION
510101	15.5 x 3 mm jaw, 6" (15 cm), TC
510111	16 x 2.8 mm jaw, 7" (18 cm), TC
510121	19 x 2.7 mm jaw, 8" (20.5 cm), TC
510131	20 x 3 mm jaw, 9" (23 cm), TC



NEEDLE HOLDERS

General Needle Holders

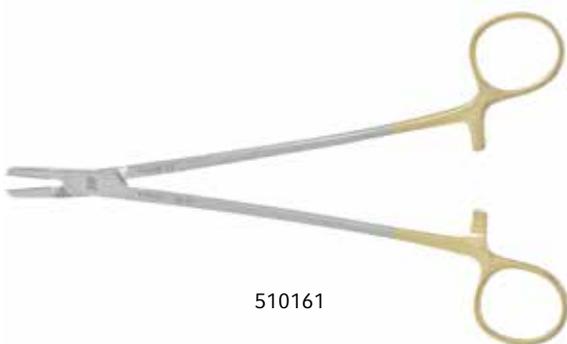
MAYO HEGAR NEEDLE HOLDERS



Serrated, stainless steel jaw.

CATALOG #	DESCRIPTION
KM41270	5-1/2" (14 cm)
KM41272	6" (15 cm)
KM41278	7" (18 cm)
KM41284	8" (20.5 cm)
KM41286	10-1/2" (26.5 cm)
KM41300	5" (12.5 cm), TC

MAYO HEGAR BROAD BULLDOG NEEDLE HOLDERS



bright finish, Bulldog Jaw, broad.

CATALOG #	DESCRIPTION
510151	12 x 4 mm jaw, 7" (18 cm), TC
510161	17 x 3.5 mm jaw, 8" (20.5 cm), TC

MASSON BULLDOG NEEDLE HOLDERS



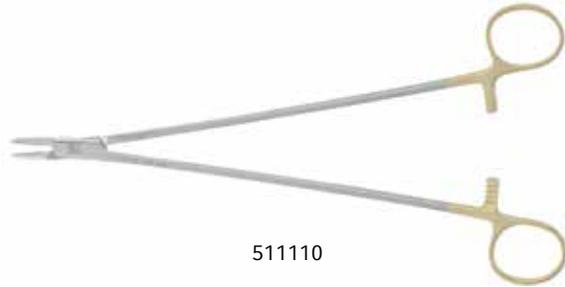
CATALOG #	DESCRIPTION
511101	Heavy, 18.5 x 3 mm jaw, 10-1/4" (26 cm), TC
511102	Light, 18.5 x 3.2 mm jaw, 10-1/4" (26 cm), TC

NEEDLE HOLDERS

General Needle Holders

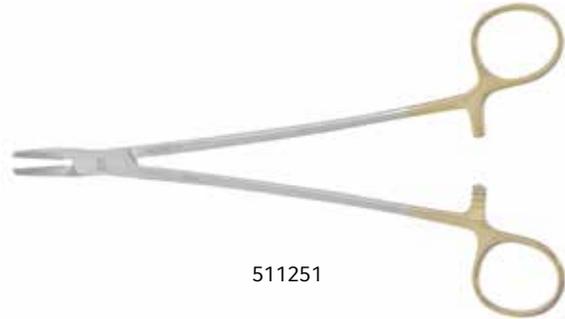


MASSON NEEDLE HOLDERS



CATALOG #	DESCRIPTION
511110	15.5 x 2.4 mm jaw, 7" (18 cm), TC
511112	16 x 3.2 mm jaw, 11-3/4" (30 cm), TC

HEANEY BULLDOG NEEDLE HOLDER



CATALOG #	DESCRIPTION
511251	19.3 x 3.2 mm curved Bulldog® Jaw, 8" (20.5 cm), TC

HEANEY NEEDLE HOLDERS



CATALOG #	DESCRIPTION
511250	20.5 x 2.6 mm curved jaw with cross serrations, 8" (20.5 cm), TC



NEEDLE HOLDERS

General Needle Holders

HEANEY NEEDLE HOLDERS



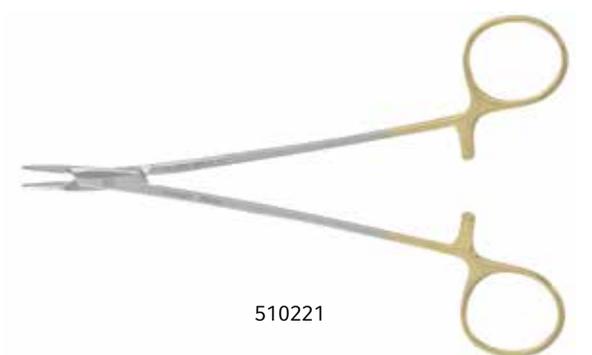
CATALOG #	DESCRIPTION
511252	3.2 mm curved jaw, 8" (20.5 cm), serrated stainless steel jaw

HEANEY NEEDLE HOLDERS



CATALOG #	DESCRIPTION
152837	25.6 x 2.5 mm curved jaw, 10-1/2" (26.5 cm), TC

MCALLISTER BULLDOG NEEDLE HOLDER



CATALOG #	DESCRIPTION
510221	Long, delicate, 14.5 x 1.8 mm, Bulldog® Jaw, 7" (18 cm), TC

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NEEDLE HOLDERS

General Needle Holders



SAROT NEEDLE HOLDERS



510467

bright finish. Parallel shanks with offset finger rings.

CATALOG #	DESCRIPTION
510467	16.5 x 1.8 mm jaw, 7" (18 cm), TC
510469	17 x 1.8 mm jaw, 9" (23 cm), TC

SAROT NEEDLE HOLDER



152796

CATALOG #	DESCRIPTION
152796	19.5 x 1.8 mm jaw, 10-1/4" (26 cm), TC



NEEDLE HOLDERS

General Needle Holders

STRATTE NEEDLE HOLDERS



CATALOG #	DESCRIPTION
152855	22 x 2.7 mm jaw, 8" (20.5 cm), TC
343027	Reverse curved, 9" (23 cm), TC

CVT-Type Needle Holders

BAILEY CARDIAC TECHNIQUE NEEDLE HOLDER



Very light construction throughout with fine tapered tips. Jaws are lightly scored for use with smallest size needles and sutures. Tungsten Carbide.

CATALOG #	DESCRIPTION
354931	17 x 2 mm jaw, 7" (18 cm), TC

NEEDLE HOLDERS

CVT-Type Needle Holders



DEBAKEY TECHNIQUE NEEDLE HOLDERS



Carefully designed with light, short Tungsten Carbide jaws. Constructed in weight proportional to total length. May be purchased individually or as matched set of four.

CATALOG #	DESCRIPTION
354900	No. 1. Length, 18.2 x 2 mm jaw, 7" (18 cm), TC
354902	No. 2. Length, 21.5 x 1.8 mm jaw, 9-1/4" (23.5 cm), TC
354904	No. 3. Length, 21.5 x 2.3 mm jaw, 10-1/2" (26.5 cm), TC
354906	No. 4. Length, 19 x 2.6 mm jaw, 11-3/4" (30 cm), TC
354908	Matched set of four, TC

FINOCHIETTO NEEDLE HOLDER



CATALOG #	DESCRIPTION
152842	25.5 x 2.5 mm jaw, 10-1/2" (26.5 cm), TC

NEEDLE HOLDERS

CVT-Type Needle Holders



GERBODE TECHNIQUE NEEDLE HOLDER



343000

Medium-light construction. A strong full-sized needle holder with jaws tapered to 2 mm width for holding fine needles.

CATALOG #	DESCRIPTION
343000	16.5 x 2 mm jaw, 10-1/2" (26.5 cm), TC

HOWELL CORONARY TECHNIQUE NEEDLE HOLDER



354920

CATALOG #	DESCRIPTION
354920	14 x 1.6 mm jaw, 7-1/4" (18.5 cm), TC

HOWELL VALVE TECHNIQUE NEEDLE HOLDER



354928

CATALOG #	DESCRIPTION
354928	19 x 2 mm jaw, 8" (20.5 cm), TC



NEEDLE HOLDERS

CVT-Type Needle Holders



JAMISON TECHNIQUE NEEDLE HOLDER



Long, slender needle holder. Jaws are lightly serrated.

CATALOG #	DESCRIPTION
354941	19.8 x 1.8 mm jaw, 9" (23 cm), TC

JULIAN NEEDLE HOLDER



CATALOG #	DESCRIPTION
510250	Straight, 21 x 2 mm jaw, 8" (20.5 cm), TC

EXTRA-LIGHT TECHNIQUE NEEDLE HOLDERS



Thinner shanks and box-locks than Thin Needle Holders for reduced weight and more "feel."

CATALOG #	DESCRIPTION
354981	17 x 1.8 mm jaw, 6" (15 cm), TC
354982	17.5 x 1.6 mm jaw, 7" (18 cm), TC



NEEDLE HOLDERS

CVT-Type Needle Holders

INTRACARDIAC TECHNIQUE NEEDLE HOLDERS



CATALOG #	DESCRIPTION
354985	17 x 1.8 mm jaw, 7" (18 cm), TC
354986	11.5 x 1.6 mm jaw, 8" (20.5 cm), TC
354987	20.5 x 2 mm jaw, 9-1/4" (23.5 cm), TC
354988	20.5 x 2 mm jaw, 10-1/4" (26 cm), TC

THIN VASCULAR AND CORONARY TECHNIQUE NEEDLE HOLDERS



Delicately proportioned, slender needle holders.

CATALOG #	DESCRIPTION
354961	16 x 1.7 mm jaw, 7" (18 cm), TC
354960	16 x 1.8 mm jaw, 6" (15 cm), TC
354962	20 x 1.8 mm jaw, 8-1/4" (21 cm), TC
354958	20.5 x 1.8 mm jaw, 9" (23 cm), TC
354959	20.5 x 2.2 mm jaw, 10-1/4" (26 cm), TC

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NEEDLE HOLDERS

CVT-Type Needle Holders

W.M. LEMMON TECHNIQUE NEEDLE HOLDERS



354916

CATALOG #	DESCRIPTION
354915	Delicate, 15.5 x 2.3 mm jaw, 5-3/4" (14.5 cm), TC
354916	14.5 x 1.5 mm jaw, 6-3/4" (17 cm), TC
354917	15.5 x 2.3 mm jaw, 7-1/2" (19 cm), TC

WANGENSTEEN NEEDLE HOLDER



152850

CATALOG #	DESCRIPTION
152850	29.4 x 2.3 mm jaw, 10-3/4" (27.5 cm), TC



NEEDLE HOLDERS

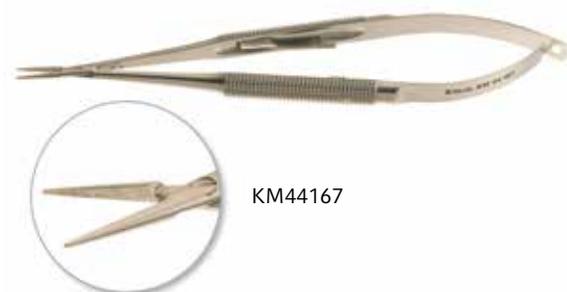
Castro-Type Micro Needle Holders

MICRO VASCULAR ROUND HANDLE NEEDLE HOLDERS



CATALOG #	DESCRIPTION
357654	Straight, without lock, 1.1 mm smooth jaw, 7-3/8" (18.5 cm)
357655	Curved, without lock, smooth, 7-3/8" (18.5 cm)
357656	Straight, with lock, 1.2 mm smooth jaw, 7-1/2" (19 cm)
357657	Curved, with lock, 0.6 mm smooth jaw, 7-3/8" (18.5 cm)
357667	Straight, with lock, 7-3/8" (18.5 cm), TC
357672	Straight, with lock, 0.6 mm smooth jaw, 8-1/8" (20.5 cm)
357674	Straight, with lock, 0.6 mm smooth jaw, 9" (23 cm)
357675	Curved, with lock, 0.6 mm smooth jaw, 9" (23 cm)
357676	Straight, with lock, 8" (20.5 cm), TC
357677	Curved, with lock, 1 mm jaw, 8" (20.5 cm), TC

BARRAQUER MICRO NEEDLE HOLDERS



With lock, round handle.

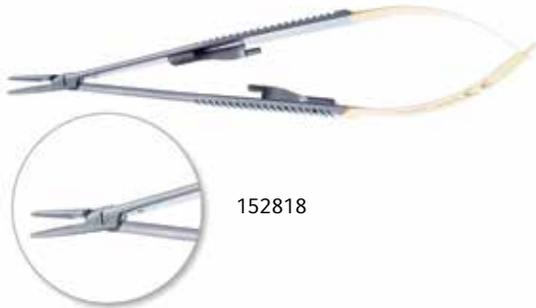
CATALOG #	DESCRIPTION
KM44167	Straight, smooth, 5-1/2" (14 cm)
KM44163	Curved, smooth, 5-1/2" (14 cm)
KM44169	Straight, smooth, 7" (18 cm)
KM44165	Curved, smooth, 7" (18 cm)
KM44168	Straight, smooth, 5-1/2" (14 cm), TC
KM44164	Curved, smooth, 5-1/2" (14 cm), TC
KM44157	Straight, serrated, 5-1/2" (14 cm), TC
KM44155	Curved, serrated, 5-1/2" (14 cm), TC
KM44170	Straight, smooth, 7" (18 cm), TC
KM44166	Curved, smooth, 7" (18 cm), TC
KM44158	Straight, serrated, 7" (18 cm), TC
KM44156	Curved, serrated, 7" (18 cm), TC

NEEDLE HOLDERS

Castro-Type Micro Needle Holders



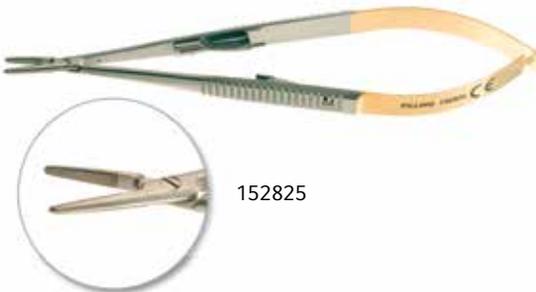
CASTROVIEJO NEEDLE HOLDERS



152818

CATALOG #	DESCRIPTION
152818	Straight, 11 x 1.4 mm jaw, 6" (15 cm), TC
152819	Curved, 12 x 1.4 mm jaw, 5-3/4" (14.5 cm), TC

MICRO SURGERY NEEDLE HOLDERS



152825

Flat handle, smooth jaws.

CATALOG #	DESCRIPTION
152825	Straight, 12.5 x 1.4 mm jaw, 6" (15 cm), TC
152827	Curved, 13 x 1.4 mm jaw, 6" (15 cm), TC

CASTROVIEJO MICRO NEEDLE HOLDERS



KM44204

With lock.

CATALOG #	DESCRIPTION
KM44201	Straight, serrated, 5-1/2" (14 cm)
KM44200	Curved, serrated, 5-1/2" (14 cm)
KM44204	Straight, smooth, 7" (18 cm)
KM44202	Curved, smooth, 7" (18 cm)
KM44205	Straight, serrated, 7" (18 cm)
KM44203	Curved, serrated, 7" (18 cm)
KM44208	Straight, serrated, 5-1/2" (14 cm), TC
KM44215	Straight, smooth, 7" (18 cm), TC
KM44214	Curved, smooth, 7" (18 cm), TC
KM44207	Curved, serrated, 7" (18 cm), TC

NEEDLE HOLDERS

Castro-Type Micro Needle Holders



CASTROVIEJO MICRO NEEDLE HOLDERS



KM44219

Without lock.

CATALOG #	DESCRIPTION
KM44218	Curved, serrated, 5-1/2" (14 cm)
KM44219	Straight, serrated, 5-1/2" (14 cm)
KM44220	Curved, smooth, 7" (18 cm)
KM44221	Curved, serrated, 7" (18 cm)
KM44222	Straight, smooth, 7" (18 cm)
KM44223	Straight, serrated, 7" (18 cm)

CASTROVIEJO MICRO NEEDLE HOLDERS TC



KM44210

Without lock.

CATALOG #	DESCRIPTION
KM44210	Curved, serrated, 5-1/2" (14 cm), TC
KM44211	Curved, serrated, 7" (18 cm), TC
KM44212	Straight, serrated, 5-1/2" (14 cm), TC
KM44213	Straight, serrated, 7" (18 cm), TC
KM44216	Curved, smooth, 7" (18 cm), TC
KM44217	Straight, smooth, 7" (18 cm), TC

CASTROVIEJO MICRO NEEDLE HOLDERS



35559DG

Fine, straight, with round handle and lock. 1 mm Diama-Grip jaws.

CATALOG #	DESCRIPTION
35558DG	9" (23 cm)
35559DG	10" (25.5 cm)
355560DG	12" (30.5 cm)

NEEDLE HOLDERS

Castro-Type Micro Needle Holders

CASTROVIEJO MICRO NEEDLE HOLDERS



357676DG

Round handle with Diama-Grip jaws.

CATALOG #	DESCRIPTION
357656DG	Straight, with lock, 1.2 mm, 7" (18 cm)
357676DG	Straight, with lock, 1.2 mm, 8" (20.5 cm)
357677DG	Curved without lock, 1 mm, 8" (20.5 cm)

CASTROVIEJO NEEDLE HOLDERS



354964DG

Straight, with flat handle and lock. Diama-Grip jaws.

CATALOG #	DESCRIPTION
354964DG	1.8 mm, 7-1/4" (18.5 cm)
354965DG	8" (20.5 cm)

CASTROVIEJO TECHNIQUE NEEDLE HOLDERS



354964

CATALOG #	DESCRIPTION
354964	Straight, 13 x 1.4 mm jaw, 7-1/4" (18.5 cm), TC
354965	Straight, 13 x 1.4 mm jaw, 8" (20.5 cm), TC



NEEDLE HOLDERS

Castro-Type Micro Needle Holders

MICRO SURGERY TECHNIQUE NEEDLE HOLDERS



354967

Flat handle, smooth jaws.

CATALOG #	DESCRIPTION
354966	Straight, 13 x 1.4 mm jaw, 7" (18 cm), TC
354967	Straight, 13 x 1.4 mm jaw, 8" (20.5 cm), TC

SPENCER CORONARY TECHNIQUE NEEDLE HOLDER



354969

CATALOG #	DESCRIPTION
354969	Straight, smooth, 12 x 1.2 mm jaw, 0.9 mm tip, 7" (18 cm), TC

GIANNINI TECHNIQUE NEEDLE HOLDER



354971

CATALOG #	DESCRIPTION
354971	Straight, 17.5 x 1.8 mm jaw, 10-1/4" (26 cm), TC

JACOBSON MICRO NEEDLE HOLDER



357603DG

CATALOG #	DESCRIPTION
357603DG	Straight with flat handle, lock, 18 x 1.3 mm Diama-Grip jaw, 8-1/2" (21.5 cm)

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NEEDLE HOLDERS

Castro-Type Micro Needle Holders



JACOBSON MICRO NEEDLE HOLDERS



358002

CATALOG #	DESCRIPTION
358001	Straight, round handle, with lock, 11 x 0.8 mm Diamo-grip jaw, 9" (23 cm)
358002	Straight, round handle, with lock, 1.8 mm Diamo-grip jaw, 9" (23 cm)
358003	Straight, round handle, with lock, 16 x 0.9 mm Diamo-grip jaw, 8-1/4" (21 cm)

JACOBSON MICRO-SURGICAL NEEDLE HOLDERS



357603

Castroviejo-type lock can be removed if not required.
Stainless steel jaws.

CATALOG #	DESCRIPTION
357601	Straight, flat handle, with lock, 13 x 1.3 mm smooth jaw, 7" (18 cm)
357603	Straight, flat handle, with lock, 13.5 x 1.2 mm smooth jaw, 8-1/2" (21.5 cm)

BARRAQUER MICRO NEEDLE HOLDERS



KM44173

Without lock, round handle.

CATALOG #	DESCRIPTION
KM44175	Straight, smooth, 5-1/2" (14 cm)
KM44171	Curved, smooth, 5-1/2" (14 cm)
KM44177	Straight, smooth, 7" (18 cm)
KM44173	Curved, smooth, 7" (18 cm)
KM44176	Straight, smooth, 5-1/2" (14 cm), TC
KM44172	Curved, smooth, 5-1/2" (14 cm), TC
KM44161	Straight, serrated, 5-1/2" (14 cm), TC
KM44159	Curved, serrated, 5-1/2" (14 cm), TC
KM44178	Straight, smooth, 7" (18 cm), TC
KM44174	Curved, smooth, 7" (18 cm), TC
KM44162	Straight, serrated, 7" (18 cm), TC
KM44160	Curved, serrated, 7" (18 cm), TC



NEEDLE HOLDERS

Castro-Type Micro Needle Holders

BARRAQUER DELICATE NEEDLE HOLDERS



With lock, round handle.

CATALOG #	DESCRIPTION
KM44133	Straight, smooth, 5-1/2" (14 cm)
KM44129	Curved, smooth, 5-1/2" (14 cm)
KM44135	Straight, smooth, 7" (18 cm)
KM44131	Curved, smooth, 7" (18 cm)
KM44134	Straight, smooth, 5-1/2" (14 cm), TC
KM44130	Curved, smooth, 5-1/2" (14 cm), TC
KM44123	Straight, serrated, 5-1/2" (14 cm), TC
KM44121	Curved, serrated, 5-1/2" (14 cm), TC
KM44136	Straight, smooth, 7" (18 cm), TC
KM44132	Curved, smooth, 7" (18 cm), TC
KM44124	Straight, serrated, 7" (18 cm), TC
KM44122	Curved, serrated, 7" (18 cm), TC

BARRAQUER DELICATE NEEDLE HOLDERS



Without lock, round handle.

CATALOG #	DESCRIPTION
KM44151	Straight, smooth, 5-1/2" (14 cm)
KM44137	Curved, smooth, 5-1/2" (14 cm)
KM44153	Straight, smooth, 7" (18 cm)
KM44139	Curved, smooth, 7" (18 cm)
KM44152	Straight, smooth, 5-1/2" (14 cm), TC
KM44138	Curved, smooth, 5-1/2" (14 cm), TC
KM44127	Straight, serrated, 5-1/2" (14 cm), TC
KM44125	Curved, serrated, 5-1/2" (14 cm), TC
KM44154	Straight, smooth, 7" (18 cm), TC
KM44150	Curved, smooth, 7" (18 cm), TC
KM44128	Straight, serrated, 7" (18 cm), TC
KM44126	Curved, serrated, 7" (18 cm), TC

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NEEDLE HOLDERS

Wire Twisters

BAUMGARTEN WIRE TWISTER



CATALOG #	DESCRIPTION
142521	Heavy square, 17.5 x 5 mm jaw, 8-1/8" (20.5 cm), TC

RUBIO TECHNIQUE WIRE TWISTER



CATALOG #	DESCRIPTION
351349	12 x 4.5 mm jaw, 5" (12.5 cm), TC



NEEDLE HOLDERS

Wire Twisters

BERRY STERNAL TECHNIQUE NEEDLE HOLDER



A large, heavy-duty needle holder with 6 mm wide jaws designed to securely hold the large needles used to close sternotomies. LIFE-LOK Box-Lock.

CATALOG #	DESCRIPTION
343030	28 x 6 mm jaw, 7-3/4" (19.5 cm), TC

WIRE FORCEPS



CATALOG #	DESCRIPTION
351348	5-3/8" (13.5 cm)



NEEDLE HOLDERS

Suture Tags



GREGORY TECHNIQUE SUTURE "STAY" CLAMPS



Smooth jaw hemostats for tagging sutures. May be used with or without rubber shodding.

CATALOG #	DESCRIPTION
351830	Straight, 3-7/8" (10 cm), TC
351831	Curved, 3-7/8" (10 cm), TC



RETRACTORS, HAND-HELD

Skin Hooks

CONVERSE SKIN HOOKS



442147

CATALOG #	DESCRIPTION
442147	Small, 7-1/4" (18.5 cm)
442145	Large, 7" (18 cm)

COTTLE SKIN HOOKS



054135



054120

CATALOG #	DESCRIPTION
054120	Sharp, 2 prongs, 12 mm between prongs, 5-7/8" (15 cm)
054135	Sharp, 3.5 mm hook, 4-7/8" (12.5 cm)

FLEXIBLE RAKE RETRACTOR SKIN HOOKS



KM52182

CATALOG #	DESCRIPTION
KM52174	Sharp, 1 prong, 6-1/4" (16 cm)
KM52176	Sharp, 2 prongs, 6-1/4" (16 cm)
KM52182	Sharp, 3 prongs, 6-1/4" (16 cm)
KM52184	Blunt, 1 prong, 6-1/4" (16 cm)
KM52188	Blunt, 2 prongs, 6-1/4" (16 cm)
KM52192	Blunt, 3 prongs, 6-1/4" (16 cm)

FOMON RETRACTOR



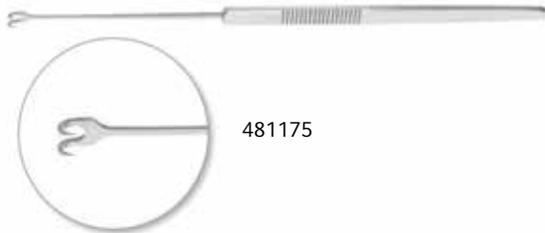
054500

CATALOG #	DESCRIPTION
054500	Ball tip, 2 prongs, 10 mm between prongs, 6-3/8" (16 cm)

RETRACTORS, HAND-HELD

Skin Hooks

FREER RETRACTOR



481175

CATALOG #	DESCRIPTION
481175	Sharp, 2 prongs, 5-7/8" (15 cm)

FREER SKIN HOOK



KM52040

CATALOG #	DESCRIPTION
KM52040	Sharp, 2 prongs, 2.5 mm wide, 6" (15 cm)

GILLIES CONVERSE SKIN HOOKS



054130

CATALOG #	DESCRIPTION
054128	Small, sharp, 3 mm hook, 7-3/8" (18.5 cm)
054130	Large, sharp, 4 mm hook, 7-1/8" (18 cm)

GUTHRIE SKIN HOOK



054126

CATALOG #	DESCRIPTION
054126	Sharp, 2 prongs, 2 mm between prongs, 5-1/8" (13 cm)



RETRACTORS, HAND-HELD

Skin Hooks

JOHNSON SKIN HOOK



054125

CATALOG #	DESCRIPTION
054125	Sharp, 5 mm hook, 6-1/2" (16.5 cm)

JOSEPH SKIN HOOKS

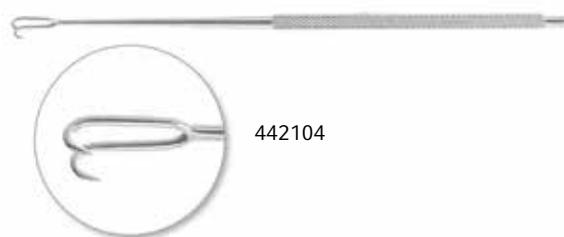


054105

Sharp, 4 mm hook. bright finish.

CATALOG #	DESCRIPTION
054100	1 prong, 6-1/8" (15.5 cm)
054102	2 prongs, 2 mm between prongs, 6-1/4" (16 cm)
054105	2 prongs, 5 mm between prongs, 6-1/4" (16 cm)
054107	2 prongs, 6 mm between prongs, 6-1/4" (16 cm)
054110	2 prongs, 9 mm between prongs, 6-1/8" (15.5 cm)

JOSEPH SKIN HOOKS



442104

bright finish. 6-1/4" (16 cm).

CATALOG #	DESCRIPTION
442100	1 prong
442102	2 prongs, 3 mm
442104	2 prongs, 5.5 mm
442106	2 prongs, 7 mm
442108	2 prongs, 10 mm

KLEINERT-KUTZ SKIN HOOKS



054142

bright finish.

CATALOG #	DESCRIPTION
054140	Small, 3 mm hook, 6-1/4" (16 cm)
054142	Medium, 5 mm hook, 6-1/4" (16 cm)
054144	Large, 7 mm hook, 6-1/8" (15.5 cm)

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RETRACTORS, HAND-HELD

Skin Hooks

KLEINERT-KUTZ HOOK



KM52060

satin finish.

CATALOG #	DESCRIPTION
KM52060	3 mm hook, 6-1/4" (16 cm)
KM52064	5 mm hook, 6-1/4" (16 cm)
KM52068	6 mm hook, 6-1/4" (16 cm)

SKIN HOOK



KM52055

CATALOG #	DESCRIPTION
KM52055	1 sharp prong, 2 mm hook, 4-3/4" (12 cm)

O'CONNER SKIN HOOK



164786

CATALOG #	DESCRIPTION
164786	Sharp, 5-3/8" (13.5 cm)

PECK-JOSEPH SKIN HOOK



442110

CATALOG #	DESCRIPTION
442110	2 prongs, 10 mm between prongs, 5-5/8" (14.5 cm)

RIGID RAKE RETRACTOR SKIN HOOKS



KM52172

6-1/2" (16.5 cm).

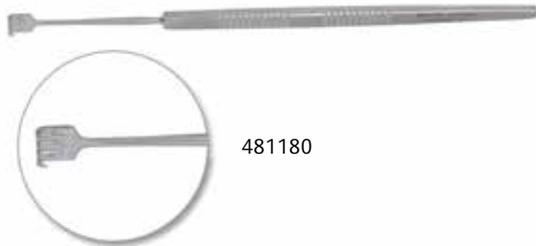
CATALOG #	DESCRIPTION
KM52156	Sharp, 1 prong
KM52158	Sharp, 2 prongs, 6-1/2" (16.5 cm)
KM52162	Sharp, 3 prongs, 6-1/2" (16.5 cm)
KM52164	Blunt, 1 prong, 6-1/2" (16.5 cm)
KM52166	Blunt, 2 prongs, 6-1/2" (16.5 cm)
KM52172	Blunt, 3 prongs, 6-1/2" (16.5 cm)



RETRACTORS, HAND-HELD

Skin Hooks

ROLLET RETRACTOR



481180

CATALOG #	DESCRIPTION
481180	Sharp, 4 prongs, 2.8 x 5.5 mm, 5-1/4" (13.5 cm)

SCHNITMAN SHARP SKIN HOOK WITH EYE



524230

CATALOG #	DESCRIPTION
524230	6-1/2" (16.5 cm)

TYRELL HOOKS



KM54342

CATALOG #	DESCRIPTION
KM54338	1 sharp prong, 5" (12.5 cm)
KM54342	1 blunt prong, 5" (12.5 cm)

TYRELL HOOKS



054015

Delicate, 1.3 mm hook, 4-3/4" (12 cm).

CATALOG #	DESCRIPTION
054015	Sharp
054016	Blunt

WIENER SKIN HOOKS



KM54346

Single hook, 5" (12.5 cm).

CATALOG #	DESCRIPTION
KM54346	Sharp
KM54348	Blunt



RETRACTORS, HAND-HELD

Hook and Rake Retractors



DANDY NERVE HOOK



CATALOG #	DESCRIPTION
185714	Straight, 5.1 mm hook, 9" (23 cm)

SISSON NERVE HOOK



CATALOG #	DESCRIPTION
060120	Blunt, 90 degree angled, 7 mm hook, 6-1/8" (15.5 cm)

JACKSON TRACHEAL TENACULUM



CATALOG #	DESCRIPTION
514413	Hook depth 1/4" (0.5 cm), 5-1/4" (13.5 cm)

NEWS TRACHEA RETRACTOR



CATALOG #	DESCRIPTION
070114	Sharp, 10 mm hook, 5-7/8" (15 cm)



RETRACTORS, HAND-HELD

Hook and Rake Retractors

TRACHEA HOOK



054165

CATALOG #	DESCRIPTION
054165	Sharp, 8.7 x 1.4 mm hook, 7-1/2" (19 cm)
KM52098	Hupp Trachea Hook, sharp, 6-1/2" (16.5 cm)

SOLVAY SPAY HOOK



801886

CATALOG #	DESCRIPTION
801886	8" (20.5 cm)

JACKSON TRACHEAL RETRACTOR, DOUBLE-ENDED



514414

satin finish.

CATALOG #	DESCRIPTION
514414	Double-pronged, 1" wide x 1/4" deep (2.5 cm x 0.5 cm) blade, 6-7/8" (17.5 cm)

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RETRACTORS, HAND-HELD

Hook and Rake Retractors

JACKSON TRACHEA RETRACTOR



bright finish.

CATALOG #	DESCRIPTION
070116	2 prongs, 7" (18 cm)

DINGMAN ZYGOMA HOOK



CATALOG #	DESCRIPTION
026275	Sharp, 13 mm hook, 7" (18 cm)

BERNAY FINGER RAKE TRACHEAL RETRACTORS



CATALOG #	DESCRIPTION
514430	1 prong, sharp, 6-5/8" (17 cm)
514431	2 prongs, sharp, 6-5/8" (17 cm)
514433	3 prongs, sharp, 6-5/8" (17 cm)
514435	1 prong, blunt, 6-5/8" (17 cm)
514436	2 prongs, blunt, 6-5/8" (17 cm)
514437	3 prongs, blunt, 6-5/8" (17 cm)
514438	4 prongs, blunt, 6-5/8" (17 cm)

LAHEY FINGER RETRACTORS



CATALOG #	DESCRIPTION
KM52082	1 prong, 4-3/4" (12 cm)
KM52086	2 sharp prongs, 5" (12.5 cm)
KM52087	3 sharp prongs, 5" (12.5 cm)



RETRACTORS, HAND-HELD

Hook and Rake Retractors

BLAIR (ROLLET) RETRACTOR



KM54368

CATALOG #	DESCRIPTION
KM54366	Rigid, 4 sharp prongs, 6 mm wide blade, 5" (12.5 cm)
KM54368	Rigid, 4 blunt prongs, 5 mm wide blade, 5" (12.5 cm)
KM54372	Flexible, 4 sharp prongs, 5-1/2" (14 cm)

MURPHY RAKE RETRACTORS



164444



164454

CATALOG #	DESCRIPTION
164443	Sharp, 3 prongs, 7-3/4" (19.5 cm)
164444	Sharp, 4 prongs, 8" (20.5 cm)
164446	Sharp, 6 prongs, 7-7/8" (20 cm)
164453	Blunt, 3 prongs, 8" (20.5 cm)
164454	Blunt, 4 prongs, 8" (20.5 cm)
164456	Blunt, 6 prongs, 7-3/4" (19.5 cm)

VOLKMANN POCKET RETRACTORS



164374

CATALOG #	DESCRIPTION
164374	Sharp, 4 prongs, 4-1/2" (11.5 cm)
164376	Sharp, 6 prongs, 4-1/2" (11.5 cm)
164384	Blunt, 4 prongs, 4-1/2" (11.5 cm)

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RETRACTORS, HAND-HELD

Hook and Rake Retractors



VOLKMANN RAKE RETRACTORS



164403



164414

satin finish.

CATALOG #	DESCRIPTION
164402	Sharp, 2 prongs, 8-1/2" (21.5 cm)
164403	Sharp, 3 prongs, 8-1/2" (21.5 cm)
164404	Sharp, 4 prongs, 8-1/2" (21.5 cm)
164406	Sharp, 6 prongs, 8-1/2" (21.5 cm)
164412	Blunt, 2 prongs, 8-1/2" (21.5 cm)
164413	Blunt, 3 prongs, 8-1/2" (21.5 cm)
164414	Blunt, 4 prongs, 8-1/2" (21.5 cm)
164416	Blunt, 6 prongs, 8-1/2" (21.5 cm)

VOLKMANN RETRACTORS



KM52264

satin finish. Sharp.

CATALOG #	DESCRIPTION
KM52266	6 prongs, 1-1/8" wide x 1/2" deep blade (3 x 1.5 cm), 8-1/2" (21.5 cm)
KM52254	1 prong, 1/2" deep blade (15 mm), 8-1/2" (21.5 cm)
KM52264	4 prongs, 3/4" wide x 1/2" deep blade (18 x 13 mm), 8-1/2" (21.5 cm)

MUELLER RAKE RETRACTOR



KM52338

CATALOG #	DESCRIPTION
KM52338	8 prongs, 1-1/2" (38 mm) wide

DEEP RAKE RETRACTORS



KM52294

CATALOG #	DESCRIPTION
KM52292	4 blunt prongs, 2-1/4" wide x 1-1/2" deep (5.5 x 4 cm)
KM52294	4 blunt prongs, 2-1/4" wide x 2" deep (5.5 x 5 cm)
KM52296	4 blunt prongs, 2-1/4" wide x 2-1/2" deep (5.5 x 6.5 cm)
KM52298	4 blunt prongs, 2-1/4" wide x 3" deep (5.5 x 7.5 cm)



RETRACTORS, HAND-HELD

Hook and Rake Retractors

ISRAEL RETRACTOR



CATALOG #	DESCRIPTION
481390	Blunt, 4 prongs, 41 x 43 mm, 7-3/8" (18.5 cm)

OLLIER RAKE RETRACTOR



CATALOG #	DESCRIPTION
KM52282	4 blunt prongs, 5.5 cm wide x 4 cm deep blade, 9" (23 cm)

FREEMAN FACE LIFT RETRACTOR



CATALOG #	DESCRIPTION
442295	1-5/8" (4 cm) wide blade, 7-1/8" (18 cm)

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RETRACTORS, HAND-HELD

Single-Ended Retractors



BREWSTER RETRACTORS



Curved, convex blades.

CATALOG #	DESCRIPTION
164650	3/4" x 1-3/4" (2 x 4.5 cm) blade, 8-1/2" (21.5 cm)
164652	1" x 2" (2.5 x 5 cm) blade, 9" (23 cm)
164656	1-3/4" x 2-1/2" (4.5 x 6.5 cm) blade, 9-1/4" (23.5 cm)
164658	1-7/8" x 2-7/8" (5 x 7.5 cm) blade, 9-1/2" (24 cm)

COTTLE ALAR RETRACTOR



CATALOG #	DESCRIPTION
442210	1/2" (1.5 cm) wide blade, 5-1/2" (14 cm)

CUSHING DECOMPRESSION RETRACTOR



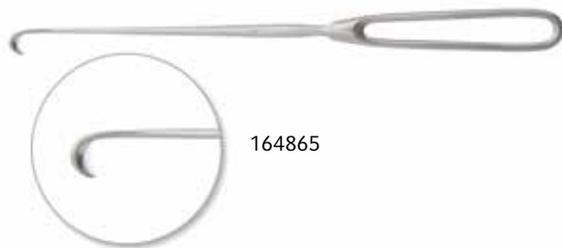
CATALOG #	DESCRIPTION
481220	21 x 10 mm blade, 8-1/8" (20.5 cm)



RETRACTORS, HAND-HELD

Single-Ended Retractors

CUSHING NERVE AND VEIN RETRACTOR



164865

satin finish.

CATALOG #	DESCRIPTION
164865	12 mm wide blade, 8-1/2" (21.5 cm)

CUSHING NERVE AND VEIN RETRACTORS



481230

bright finish.

CATALOG #	DESCRIPTION
481230	16 x 15 mm blade, 8-5/8" (22 cm)
481231	14.5 x 15 mm blade, 12-3/4" (32.5 cm)

DESMARRES LID RETRACTORS



421630

CATALOG #	DESCRIPTION
421610	Size 1, 12 mm wide blade, 5-3/8" (13.5 cm)
421620	Size 2, 13 mm wide blade, 5-3/8" (13.5 cm)
421630	Size 3, 15 mm wide blade, 5-3/8" (13.5 cm)
421640	Size 4, 17 mm wide blade, 5-3/8" (13.5 cm)

GREEN RETRACTOR



481520

CATALOG #	DESCRIPTION
481520	Fenestrated, 21 x 24 mm blade, 8-7/8" (22.5 cm)

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RETRACTORS, HAND-HELD

Single-Ended Retractors



LAHEY RETRACTOR



CATALOG #	DESCRIPTION
481610	30 x 5 mm blade, 7-3/4" (19.5 cm)

LANGENBECK RETRACTORS



Distal blade tip, slightly curved. Flat handle.
Length 8-1/2" (21.5 cm).

CATALOG #	DESCRIPTION
164630	3/8" x 1-5/8" (1 x 4 cm) blade
164631	1/2" x 1-5/8" (1.3 x 4 cm) blade
164632	5/8" x 1-5/8" (1.5 x 4 cm) blade

LITTLER RETRACTOR



CATALOG #	DESCRIPTION
481500	Curved, 20 x 12 mm blade, 7-1/2" (19 cm)

RETRACTORS, HAND-HELD

Single-Ended Retractors



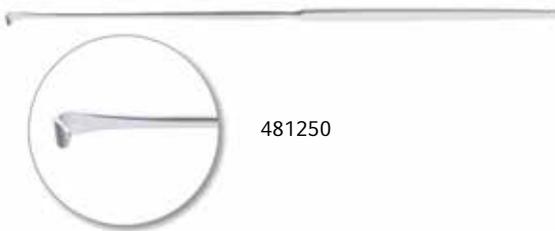
LOVE NERVE RETRACTORS



KM51532

CATALOG #	DESCRIPTION
KM51530	Straight, 7 mm wide blade, 8-1/2" (21.5 cm)
KM51532	Angled 45 degrees, 7 mm wide blade, 7" (18 cm)
KM51534	Angled 90 degrees

LOVE NERVE RETRACTORS



481250

CATALOG #	DESCRIPTION
481250	4 x 6 mm blade, straight, 8" (20.5 cm)

MCBURNEY RETRACTOR



481530

CATALOG #	DESCRIPTION
481530	Fenestrated, 20 x 16 mm blade, 7-5/8" (19.5 cm)

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RETRACTORS, HAND-HELD

Single-Ended Retractors



MEYERDING FINGER RETRACTORS



satin finish.

CATALOG #	DESCRIPTION
164790	7.5 x 17 mm blade, 6-7/8" (17.5 cm)

MEYERDING FINGER RETRACTORS



satin finish, 7" (18 cm).

CATALOG #	DESCRIPTION
KM52116	#1, 7 mm wide x 18 mm deep blade
KM52118	#2, 6 mm wide x 17 mm deep blade, with teeth
KM52122	#3, 4 mm wide x 8 mm deep blade, with teeth
KM52124	#4, 4 mm wide x 10 mm deep blade
KM52128	#5, 4 mm wide x 7 mm deep blade
KM52130	#6, 8 mm wide x 7 mm deep blade, 3 sharp prongs

RETRACTORS, HAND-HELD

Single-Ended Retractors



SAUERBRUCH RETRACTORS



Long, slender blades with slightly curved tips.
Hollow handle.

CATALOG #	DESCRIPTION
164635	5/8" x 1-3/4" (1.5 x 4.5 cm) blade, 9" (23 cm)
164636	7/8" x 2-1/2" (2 x 6.5 cm) blade, 9" (23 cm)
164637	3/4" x 2-7/8" (2 x 7.5 cm) blade, 8-7/8" (22.5 cm)

SEMB RETRACTOR



For retracting the muscles during resection of the posterior medial ends of the ribs and during freeing of the transverse processes and separation of the vertebrocostal joints. Stainless steel blade.

CATALOG #	DESCRIPTION
341640	Small, blade 3/4" wide x 1-3/4" deep (2 x 4.5 cm)

Double-Ended Retractors

"S" RETRACTOR



CATALOG #	DESCRIPTION
054620	Blade A 1/4" wide x 3/8" deep (6 x 10 mm), Blade B 1/2" wide x 5/8" deep (13.5 x 15 mm) Overall length 5-1/4" (13.5 cm)



RETRACTORS, HAND-HELD

Double-Ended Retractors

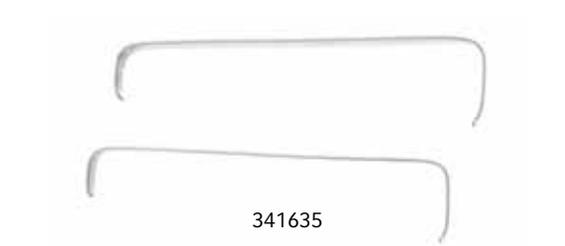


KLEINERT-RAGNELL RETRACTOR



CATALOG #	DESCRIPTION
442260	Blade A 1/4" wide x 3/4" deep (5.6 x 20 mm), Blade B 1/8" wide x 3/8" deep (3.7 x 10 mm), Overall length 6-1/8" (15.5 cm)

BREWSTER PHRENIC RETRACTORS



Nested set of 2.

CATALOG #	DESCRIPTION
341635	Large blade 1-3/8" x 1-1/2" wide (20 x 40 mm) x 1-3/8" deep (35 mm), Small blade 1" wide x 3/8" deep (25 x 10 mm), Overall length 5-7/8" (15 cm)

CHILDREN'S HOSPITAL RETRACTOR



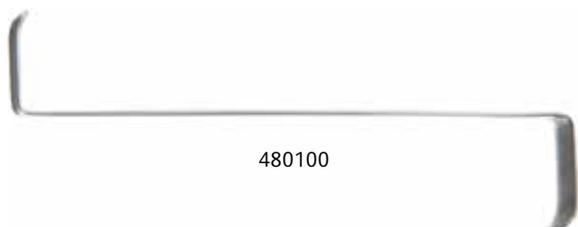
CATALOG #	DESCRIPTION
164754	Blade A 3/8" wide x 3/4" deep (10 x 19 mm), Blade B 1/4" wide x 3/4" deep (6 x 19 mm), Overall length 6-1/8" (15.5 cm)

RETRACTORS, HAND-HELD

Double-Ended Retractors



CRILE RETRACTOR



480100

CATALOG #	DESCRIPTION
480100	Large blade 1/4" wide x 3/4" deep (7.5 x 20 mm), Small blade 1/4" wide x 5/8" deep (5 x 17 mm), Overall length 4-1/8" (10.5 cm)

DAVIS RETRACTORS



442245

CATALOG #	DESCRIPTION
442245	Blade A 3/8" wide (10 mm), Blade B 1/4" wide (6 mm), Overall length 6-1/8" (15.5 cm)

DAVIS RETRACTORS



KM52076

CATALOG #	DESCRIPTION
KM52076	Blade A 1/4" wide x 5/8" deep blade (6 x 17 mm), Blade B 3/8" wide x 3/4" deep blade (9 x 20 mm), Overall length 6" (15 cm)

FARABEUZ RETRACTORS



164702

Nested set of 2.

CATALOG #	DESCRIPTION
164700	Blade A 5/8" wide x 1-1/8" deep (15 x 28 mm), Blade B 5/8" wide x 1-1/4" deep (15 x 30 mm), Overall length 6" (15 cm)
164702	Blade A 3/8" wide x 1" deep (10 x 25 mm), Blade B 1/2" wide x 1-1/4" deep (12 x 30 mm), Overall length 4-1/2" (11.5 cm)

RETRACTORS, HAND-HELD

Double-Ended Retractors



GOELET RETRACTOR



480150

CATALOG #	DESCRIPTION
480150	Blade A 1" wide x 1-1/8" deep (26 x 30 mm), Blade B 1-1/4" wide x 1-7/8" deep (31 x 47 mm), Overall length 7-1/2" (19 cm)

INFANT RETRACTOR



480105

CATALOG #	DESCRIPTION
480105	Blades 3/8" x 1/2" (10 x 13 mm), 5-5/8" (14.5 cm)

LUKENS THYMUS RETRACTOR



514412

CATALOG #	DESCRIPTION
514412	Blade 3/8" wide x 1/4" deep (9 x 6 mm), Overall length 6-7/8" (17.5 cm)

MAYO-COLLINS RETRACTORS



164710

Nested set of 2.

CATALOG #	DESCRIPTION
164710	Blade A 3/4" wide x 1-1/8" deep (20 x 30 mm), Blade B 3/4" wide x 1-1/4" deep (20 x 35 mm), Overall length 6" (15 cm)



RETRACTORS, HAND-HELD

Double-Ended Retractors

PARKER RETRACTORS



480170

CATALOG #	DESCRIPTION
480170	Small set of 2 retractors. Short retractor: Blade A 7/8" wide x 5/8" deep (21 x 16 mm), Blade B 1" wide x 5/8" deep (25 x 16 mm), Overall length 5-1/2" (14 cm)
480172	Large set of 2 retractors. Short retractor: Blade A 1" wide x 1" deep (25 x 24 mm), Blade B 1" wide x 1" deep (26 x 24 mm), Overall length 6-3/4" (17 cm)

PARKER-MOTT RETRACTORS



164698

Set of 2.

CATALOG #	DESCRIPTION
164698	1" x 2-1/2" (25 x 65 mm) blades, Overall length 5-3/4" (14.5 cm)

RAGNELL RETRACTOR



054600

CATALOG #	DESCRIPTION
054600	Blade A 3 mm wide x 8 mm deep, Blade B 5 mm wide x 17 mm deep, Overall length 5-3/4" (14.5 cm)

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RETRACTORS, HAND-HELD

Double-Ended Retractors



RAGNELL RETRACTOR



KM52094

satin finish.

CATALOG #	DESCRIPTION
KM52094	Blade A 4 wide x 8 mm deep, Blade B 6 wide x 15 mm deep, Overall length 5-3/4" (14.5 cm)

ROUX RETRACTORS



480140



480145

7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
480140	Small: Blade A 1-1/8" wide x 1" deep (27 x 25 mm), Blade B 1-3/8" wide x 1-1/2" deep (34 x 38 mm)
480145	Large: Blade A 1-1/4" wide x 1-3/8" deep (31 x 36 mm), Blade B 1-1/4" wide x 1-7/8" deep (31 x 47 mm)

SENN RETRACTORS



164750

satin finish. 1/4" x 3/4" (6 x 19 mm) flat blade, 6-1/4" (16 cm).

CATALOG #	DESCRIPTION
164750	3 sharp prongs
164752	3 blunt prongs

SENN-KANAVEL DELICATE RETRACTOR



054590

CATALOG #	DESCRIPTION
054590	3 sharp 7 x 7 mm prongs, 21 x 6 mm blade, 6-1/2" (16.5 cm)

RETRACTORS, HAND-HELD

Double-Ended Retractors



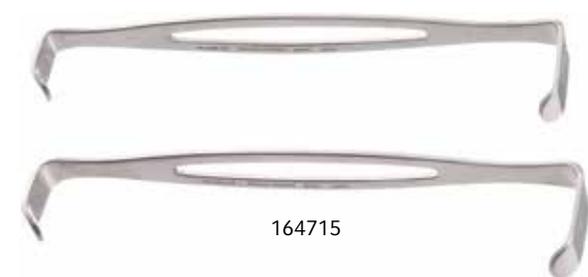
MILLER-SENN RETRACTORS



9.8 mm prongs, 21 x 6.5 mm blade, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
480125	3 sharp prongs
480126	3 blunt prongs

U.S. ARMY (ARMY-NAVY) RETRACTORS



Nested set of 2.

CATALOG #	DESCRIPTION
164715	5/8" (1.5 cm) wide blade, 8-1/2" (21.5 cm)

Abdominal-Type Retractors

DEAVER RETRACTORS



Hollow grip handle.

CATALOG #	DESCRIPTION
KM51230	1" wide x 10" long blade (2.5 x 25.5 cm)
KM51232	1" wide x 12" long blade (2.5 x 30.5 cm)
KM51234	1" wide x 13" long blade (2.5 x 33 cm)
KM51240	2" wide x 12" long blade (5 x 30.5 mm)
KM51236	2-1/2" wide x 14-1/2" long blade (6.5 x 37 cm)
KM51242	3" wide x 12" long blade (7.5 x 30.5 cm)
KM51238	3-1/2" wide x 12" long blade (9 x 30.5 cm)



RETRACTORS, HAND-HELD

Abdominal-Type Retractors



DEAVER RETRACTORS

Standard design. Rigid stainless steel.

CATALOG #	DESCRIPTION
164110	3/4" (2 cm) wide, 6-7/8" (17.5 cm)
164112	7/8" (2 cm) wide, 7-7/8" (20 cm)
164115	1" (2.5 cm) wide, 8-7/8" (22.5 cm)
164118	#1, 1" (2.5 cm) wide, 8-1/8" (20.5 cm)
164120	#2, 1" (2.5 cm) wide, 9-7/8" (25 cm)
164122	#3, 1" (2.5 cm) wide, 12" (30.5 cm)
164125	#4, 1" (2.5 cm) wide, 14-3/8" (36.5 cm)
164130	#5, 1-1/2" (4 cm) wide, 11-7/8" (30 cm)
164132	#6, 2" (5 cm) wide, 12" (30.5 cm)
164134	#7, 3" (7.5 cm) wide, 12" (30.5 cm)



164110



164112



164115



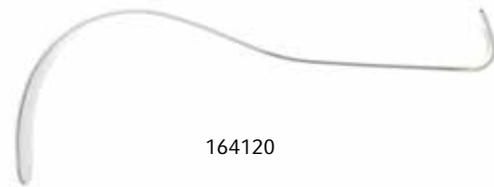
164122



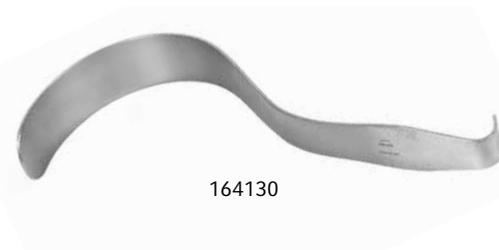
164118



164125



164120



164130



164134



RETRACTORS, HAND-HELD

Abdominal-Type Retractors

W.M. LEMMON EXTRA-DEEP DEAVER RETRACTORS



341732

Distal blade section extended to provide working depth of 9-1/2" (24 cm). Blade length 15" (38 cm). Large fluted handles.

CATALOG #	DESCRIPTION
341730	1" (2.5 cm) wide blade
341732	2" (5 cm) wide blade

WILLAUER-DEAVER RETRACTORS



341722

Deaver blades mounted on comfortable handle.

CATALOG #	DESCRIPTION
341720	Narrow, 1" wide x 6-1/4" deep (2.5 x 16 cm) blade, 14-1/2" (37 cm)
341722	Wide, 2" wide x 6-1/4" deep (5 x 16 cm) blade, 14-1/2" (37 cm)

DEEP DEAVER RETRACTORS



481826

Stainless steel, hollow handle.

CATALOG #	DESCRIPTION
481825	6" deep x 1-1/2" (15 x 4 cm) blade, 13-3/4" (35 cm)
481826	6" deep x 2" (15 x 5 cm) blade, 13-3/4" (35 cm)
481827	6" deep x 2-1/2" (15 x 6.5 cm) blade, 13-3/4" (35 cm)

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RETRACTORS, HAND-HELD

Abdominal-Type Retractors



DOYEN RETRACTORS



Concave blade.

CATALOG #	DESCRIPTION
164520	1-3/4" x 2-3/4" blade (4.5 x 7 cm), 8-3/4" (22 cm)
164521	2-3/8" x 3-3/8" blade (6 x 8.5 cm), 9" (23 cm)
164522	2-1/4" x 3-7/8" blade (5.5 x 10 cm), 9" (23 cm)

DEBAKEY-COOLEY RETRACTOR



Extra-deep retractor of greater than usual width. Blade is carefully proportioned to provide maximum working depth and to prevent tendency toward slipping upward and out. Satin finish to prevent glare from overhead lights.

CATALOG #	DESCRIPTION
341740	7-1/4" (18.5 cm) deep blade with 2-1/4" (5.5 cm) Harrington end, 12-1/4" (31 cm)

HARRINGTON EXTRA DEEP RETRACTORS



Extra-deep with fluted handle, satin finish.

CATALOG #	DESCRIPTION
341790	2-1/4" wide x 8" deep blade (5.5 x 20.5 cm), 11-3/4" (30 cm)
341791	4-1/2" wide x 7" deep blade (11.5 x 18 cm), 13-1/8" (33.5 cm)

HARRINGTON RETRACTORS



Stainless steel, hollow handle.

CATALOG #	DESCRIPTION
482370	135 x 44 mm blade, 12-3/4" (32.5 cm)
482371	135 x 65 mm blade, 13" (33 cm)



RETRACTORS, HAND-HELD

Abdominal-Type Retractors

HARRINGTON SPLANCHNIC RETRACTORS



341773

Cross serrated retracting surface.

CATALOG #	DESCRIPTION
341770	1-1/2" wide x 4-3/4" deep blade (4 x 12 cm), 12-1/2" (32 cm)
341773	2-1/2" wide x 5" deep blade (6.5 x 12.5 cm), 12" (30.5 cm)

KELLY RETRACTORS



164526

Flat blade with slight upward turn on sides and downward turn on slightly reduced width distal edge.

CATALOG #	DESCRIPTION
KM51222	3" x 2-1/2" blade (76 x 64 mm), 9-3/4" (25 cm)
164525	1-1/2" x 2" blade (38 x 50 mm), 9" (23 cm)
164526	2" x 2-3/8" blade (50 x 61 mm), 9-1/2" (24 cm)
164527	2-1/2" x 3" blade (64 x 76 mm), 10" (25.5 cm)
164528	3" x 3-1/2" blade (76 x 90 mm), 10-1/2" (26.5 cm)

MAYO ABDOMINAL RETRACTOR



482350

CATALOG #	DESCRIPTION
482350	40 x 70 mm blade, 11" (28 cm)

RICHARDSON APPENDECTOMY RETRACTOR



164540

CATALOG #	DESCRIPTION
164540	3/4" wide x 2" deep blade (2 x 5 cm), 9-1/2" (24 cm)

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RETRACTORS, HAND-HELD

Abdominal-Type Retractors



RICHARDSON RETRACTORS



164543

Blade face is relatively flat with lateral edges curved upwards. Distal edge is straight across and turned downward.

CATALOG #	DESCRIPTION
164542	3/4" x 1-1/4" blade (20 x 32 mm), length 9-3/4" (25 cm)
164543	1" x 1-1/4" blade (25 x 32 mm), length 9-3/4" (25 cm)
164544	1-1/2" x 1-1/2" blade (38 x 38 mm), length 9-3/4" (25 cm)

RICHARDSON RETRACTORS



481618

481629

Stainless steel, hollow handle.

CATALOG #	DESCRIPTION
481616	1" x 3/4" blade (25 x 20 mm), 9-1/2" (24 .5 cm)
481617	1-1/4" x 1-1/4" blade (32 x 32 mm), 9-1/2" (24 .5 cm)
481618	1-1/2" x 1-1/2" blade (38 x 38 mm), 9-1/2" (24 .5 cm)
481629	2" x 3/4" blade (48 x 20 mm), 9-1/2" (24 .5 cm)

RICHARDSON-EASTMAN RETRACTORS



164550

satin finish.

CATALOG #	DESCRIPTION
164550	Set of 2: Small 10" (25.5 cm), blade A 33 x 30 mm, blade B 26 x 23 mm Large 10-3/4" (27.5 cm), blade A 65 x 43 mm, blade B 42 x 38 mm



RETRACTORS, HAND-HELD

Abdominal-Type Retractors

RICHARDSON-EASTMAN RETRACTORS



CATALOG #	DESCRIPTION
480195	Set of 2: Small 9-7/8" (25 cm) blade A 30 x 29 mm, blade B 24 x 22 mm Large 10-5/8" (27 cm) blade A 63 x 42 mm, blade B 39 x 37 mm, Weck® Pattern, bright finish
480196	Small only: 9-7/8" (25 cm) blade A 30 x 29 mm, blade B 24 x 22 mm, Weck® Pattern, bright finish
KM51214	Large only: 10-5/8" (27 cm) blade A 65 x 43 mm, blade B 39 x 38 mm, Satin finish

WYLIE RENAL VEIN RETRACTORS



Designed for the retraction of the left renal vein during procedures on the abdominal aorta or renal arteries. Gently curved distal tip for atraumatic control. Stainless Steel.

CATALOG #	DESCRIPTION
341795	Short, 1" wide x 3-3/4" deep (2.5 x 9.5 cm) blade, 11-3/4" (30 cm)
341797	Long, 1" wide x 6-7/8" deep (2.5 x 17.5 cm) blade, 12-3/4" (32.5 cm)

WYLIE SPLANCHNIC RETRACTOR



CATALOG #	DESCRIPTION
341780	Rigid, acutely curved blade is 6-3/4" deep (17 cm) Distal 1/2" is angled inward and deeply cross serrated, which provides positive, non-slip traction Blade is 2-1/2" wide (6.3 cm) Large, fluted handle, overall length 13"

RETRACTORS, HAND-HELD

Ribbon-Type Malleable Retractors



DAVIS BRAIN SPATULAS



380206

CATALOG #	DESCRIPTION
380200	1/4" (6.5 mm) wide blade
380202	3/8" (9.5 mm) wide blade
380204	1/2" (12.5 mm) wide blade
380206	5/8" (16 mm) wide blade
380208	3/4" (19 mm) wide blade
380210	1" (25.5 mm) wide blade

HAIGHT RETRACTORS



341694

Malleable "T"-shaped blades. For abdominal and intra-thoracic surgery.

CATALOG #	DESCRIPTION
341690	3" wide x 11-1/2" long (7.5 x 29 cm)
341692	3-1/2" wide x 11-3/4" long (9 x 30 cm)
341694	4" wide x 12" long (10 x 30.5 cm)
341696	4-3/4" wide x 12-3/4" long (12 x 32.5 cm)
341698	5-1/2" wide x 13-1/2" long (14 x 34.5 cm)

OCHSNER RIBBON RETRACTORS



164170

Malleable.

CATALOG #	DESCRIPTION
164164	1" x 13" (2.5 x 33 cm)
164166	1-1/4" x 13" (3 x 33 cm)
164168	1-1/2" x 13" (4 x 33 cm)
164170	2" x 13" (5 x 33 cm)
164172	2-1/2" x 13" (6.5 x 33 cm)
164174	3" x 13" (7.5 x 33 cm)
442288	7/8" x 7" (2 x 18 cm)

RIBBON RETRACTORS



KM51766

Malleable.

CATALOG #	DESCRIPTION
KM51752	1/2" (12.5 mm) wide blade, 6" (15 cm)
KM51755	1" (25.5 mm) wide blade, 7-1/2" (19 cm)
KM51766	3/4" (19 mm) wide blade, 13" (33 cm)



RETRACTORS, HAND-HELD

Specialty Retractors

ALLISON LUNG RETRACTORS



341679

Wire, spatula-shaped blade.

CATALOG #	DESCRIPTION
341678	Child size, 10-1/4" (26 cm)
341679	Adult Size, 12-3/8" (31.5 cm)

DAVIDSON SCAPULA RETRACTORS



341650

CATALOG #	DESCRIPTION
341650	Small size, blade 2" (5 cm) wide, 7-3/4" (19.5 cm)
341651	Large size, blade 3-1/2" (9 cm) wide, 7-3/4" (19.5 cm)

DEVINE-MILLARD-AUFRECHT NASAL RETRACTOR FIBEROPTIC LIGHTING



525150

CATALOG #	DESCRIPTION
525150	7-3/4" (19.5 cm)

FACE LIFT RETRACTOR FIBEROPTIC LIGHTING ON #2 DEEVER RETRACTOR



525215

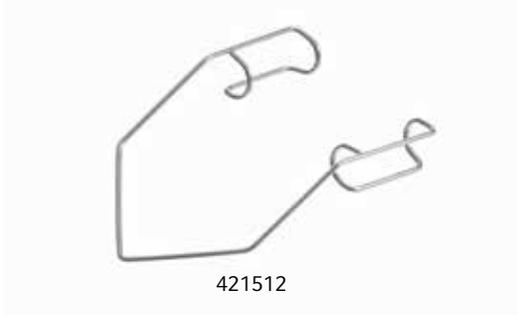
CATALOG #	DESCRIPTION
525215	10-5/8" (27 cm)

RETRACTORS, SELF-RETAINING

Wire and Alm-Type Retractors



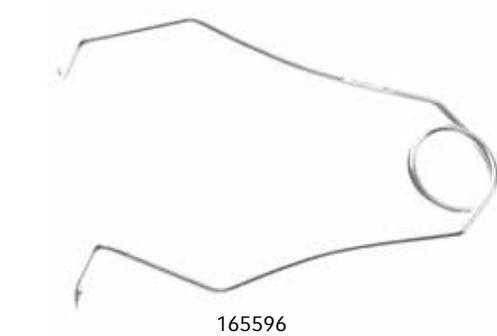
BARRAQUER WIRE SPECULUMS



All blades 3/16" (5 mm) deep.

CATALOG #	DESCRIPTION
421510	Small fenestrated blade, 3/8" wide (4 mm), overall length 1-1/8" (3 cm)
421512	Large fenestrated blade, 5/8" wide (16 mm), overall length 1-5/8" (4 cm)

FARR RETRACTORS



CATALOG #	DESCRIPTION
165595	No. 1, blade 3/4" (2 cm), 5-1/2" (14 cm)
165596	No. 2, blade 1-1/8" (3 cm), 5-1/2" (14 cm)
165597	No. 3, blade 1-1/8" (3 cm), 9" (23 cm)

GRIESHABER WIRE RETRACTORS



Useful for very small incisions in minor surgery and in laboratory uses.

CATALOG #	DESCRIPTION
165590	#1, delicate, thin wire, 1 prong, 3-1/4" (8.5 cm)
165591	#2, delicate, thin wire, 3-tooth blade, 3-1/4" (8.5 cm)
165592	#3, medium weight wire, single short prong, 4-3/4" (12 cm)
351685	Deep arteriotomy spring retractor, 3-1/4" (8.5 cm)



RETRACTORS, SELF-RETAINING

Wire and Alm-Type Retractors

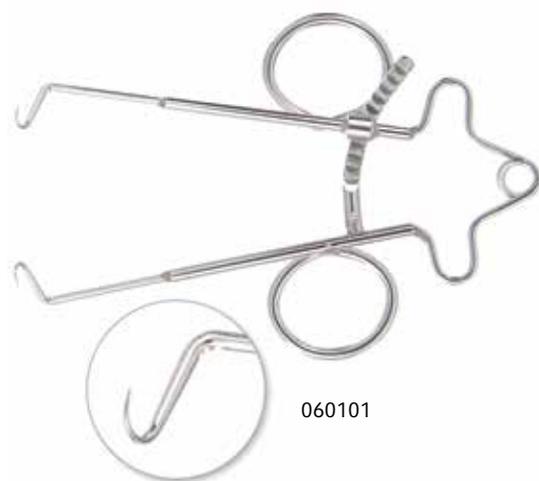
HEISS RETRACTORS



165085

CATALOG #	DESCRIPTION
165085	4 x 4 sharp prongs, 1/8" (3 mm) deep, 4-1/8" (10.5 cm)
165086	4 x 4 blunt prongs, 1/8" (3 mm) deep, 4-1/8" (10.5 cm)

SKIN SELF-RETAINING RETRACTORS



060101

CATALOG #	DESCRIPTION
060100	Sharp prongs, lightly angled 55 degrees, 2-1/2" (6.5 cm) spread, 3-3/4" (9.5 cm)
060101	Sharp prongs, strongly angled 80 degrees, 2-1/2" (6.5 cm) spread, 3-1/2" (9 cm)
060105	Sharp prongs, strongly angled 80 degrees, 3-1/2" (9 cm) spread, 4-3/4" (12 cm)

ALM RETRACTORS



488210

For delicate minor surgery.

CATALOG #	DESCRIPTION
165510	Small, 4 mm, semi-sharp teeth, 2-3/4" (7 cm)
488210	4 x 4 blunt prongs, 3" (7.5 cm)

RETRACTORS, SELF-RETAINING

Wire and Alm-Type Retractors



JANSEN RETRACTORS

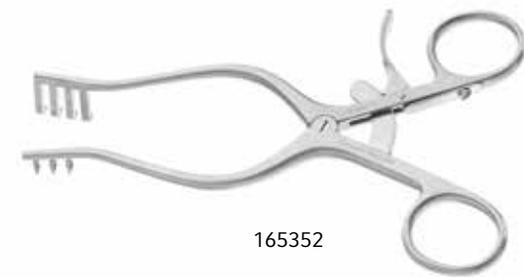


165550

CATALOG #	DESCRIPTION
165550	3 x 3 blunt prongs, 5/16" (8 mm) deep, 3" (7.5 cm) spread, 4-3/8" (11 cm)
165552	3 x 3 sharp prongs, 5/16" (8 mm) deep, 2" (5 cm) spread, 4-3/8" (11 cm)

Weitlaner, Gelpi and Henly-Type Retractors

WEITLANER RETRACTORS



165352



165362

satin finish.

CATALOG #	DESCRIPTION
165348	2 x 3 sharp prongs, 4-1/2" (11.5 cm)
165350	3 x 4 sharp prongs, 5-1/2" (14 cm)
165352	3 x 4 sharp prongs, 6-1/2" (16.5 cm)
165354	3 x 4 sharp prongs, 7-5/8" (19.5 cm)
165356	3 x 4 sharp prongs, 9-1/2" (24 cm)
165358	2 x 3 blunt prongs, 4-1/2" (11.5 cm)
165360	3 x 4 blunt prongs, 5-1/2" (14 cm)
165362	3 x 4 blunt prongs, 6-1/2" (16.5 cm)
165364	3 x 4 blunt prongs, 7-5/8" (19.5 cm)
165366	3 x 4 blunt prongs, 9-1/2" (24 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



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WEITLANER RETRACTORS



488305

bright finish.

CATALOG #	DESCRIPTION
488305	2 x 3 sharp prongs, 4-1/2" (11.5 cm)
488306	2 x 3 blunt prongs, 4-1/2" (11.5 cm)

WEITLANER RETRACTORS



KM52492

satin finish.

CATALOG #	DESCRIPTION
KM52492	2 x 3 sharp prongs 12 x 16 mm, 4" (10 cm)
KM52494	2 x 3 blunt prongs 13 mm, 4" (10 cm)
KM52498	3 x 4 sharp prongs, 5-1/4" (13.5 cm)

WULLSTEIN-WEITLANER RETRACTORS



029550

CATALOG #	DESCRIPTION
029550	Small, 3 x 3 sharp prongs, 11 mm deep x 12 mm wide, 4-3/8" (11 cm)
029555	Large, 3 x 3 sharp prongs, 11 mm deep x 12 mm wide, 5" (12.5 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



SCALP CONTOUR RETRACTORS



KM52546

Useful in hand procedures because handle is not obstructive.

CATALOG #	DESCRIPTION
KM52546	3 x 4 blunt prongs, 5-1/2" (14 cm)
KM52548	3 x 4 sharp prongs, 5-1/2" (14 cm)

ADSON RETRACTORS



488361

Straight shanks.

CATALOG #	DESCRIPTION
488360	4 x 4 sharp prongs, 7-1/2" (19 cm)
488361	4 x 4 blunt prongs, 7-1/2" (19 cm)

ADSON RETRACTORS



382722

Contoured shanks.

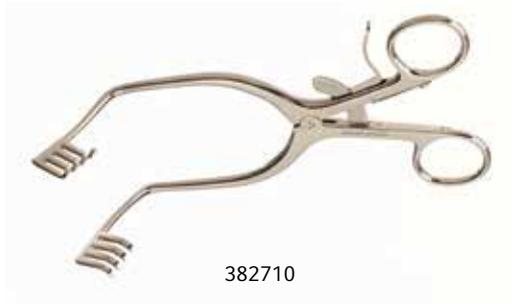
CATALOG #	DESCRIPTION
382722	4 x 4, sharp, 17 x 7 mm prongs, 7-1/4" (18.5 cm)



RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors

ANDERSON ADSON RETRACTOR



Angled shanks.

CATALOG #	DESCRIPTION
382710	4 x 4 blunt, 6-3/4" (17 cm)

ADSON RETRACTOR



Hinged arm design.

CATALOG #	DESCRIPTION
KM52474	4 x 5 blunt prongs, 13" (33 cm)

BECKMAN-WEITLANER RETRACTORS



This modification involves the addition of the Beckman Hinge to Weitlaner Retractors, satin finish.

CATALOG #	DESCRIPTION
165370	3 x 4 sharp prongs, 5-1/2" (14 cm)
165372	3 x 4 sharp prongs, 6-1/2" (16.5 cm)
165374	3 x 4 sharp prongs, 8-1/4" (21 cm)
165380	3 x 4 blunt prongs, 5-1/2" (14 cm)
165382	3 x 4 blunt prongs, 6-1/2" (16.5 cm)
165384	3 x 4 blunt prongs, 8-1/4" (21 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



BECKMAN RETRACTOR



488370

bright finish.

CATALOG #	DESCRIPTION
488370	4 x 4 sharp prongs, 12-1/2" (32 cm)

BECKMAN RETRACTORS



KM52470

CATALOG #	DESCRIPTION
KM52470	4 x 4 sharp prongs, 27 mm, side blade 5/8" (1.5 cm) deep, 12-1/4" (31 cm)
KM52472	4 x 4 blunt prongs, 27 mm, side blade 5/8" (1.5 cm) deep, 12-1/4" (31 cm)

BECKMAN-ADSON LAMINECTOMY RETRACTORS



KM52484

With hinged blades.

CATALOG #	DESCRIPTION
KM52484	4 x 4 blunt prongs, 28 x 29 mm, 12-1/4" (31 cm)
KM52486	4 x 4 sharp prongs, 28 x 47 mm, 12-1/4" (31 cm)
KM52488	4 x 4 blunt prongs, 25 x 44 mm, 12-1/4" (31 cm)
KM52490	4 x 4 sharp prongs, 28 x 29 mm, 12-1/4" (31 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



BECKMAN-ADSON RETRACTORS



Modification of Beckman having Adson blades.
4 x 4 blunt prongs satin finish.

CATALOG #	DESCRIPTION
165400	4 x 4 blunt prongs, 1" (2.5 cm) deep blades, 12-1/4" (31 cm)
165402	4 x 4 blunt prongs, 1-1/4" (3 cm) deep blades, 13" (33 cm)

BECKMAN-EATON RETRACTOR



CATALOG #	DESCRIPTION
KM52476	7 x 7 sharp prongs, 40 x 48 mm, 12-1/4" (31 cm)

BECKMAN-WEITLANER RETRACTORS



With hinged blades. satin finish.

CATALOG #	DESCRIPTION
KM52542	3 x 4 sharp prongs, 22 mm, 9-1/2" (24 cm)
KM52544	3 x 4 blunt prongs, 22 mm, 9-1/2" (24 cm)

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RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



DEBAKEY GELPI RETRACTOR, SHORT MODEL



CATALOG #	DESCRIPTION
165439	Sharp prongs, 5-3/8" (13.5 cm)

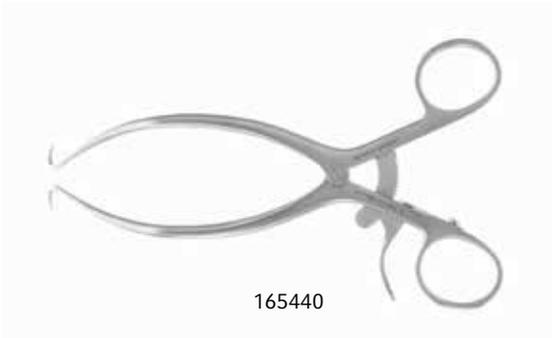
GELPI RETRACTORS



bright finish. Sharp prongs.

CATALOG #	DESCRIPTION
488390	7-1/4" (18.5 cm)
488395	5-3/8" (13.5 cm)

GELPI STANDARD RETRACTOR



satin finish.

CATALOG #	DESCRIPTION
165440	Standard type (no stops), single sharp prongs, 7" (18 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



GELPI RETRACTORS



KM52768

satin finish.

CATALOG #	DESCRIPTION
KM52776	3-1/2" (9 cm)
KM52778	4-3/8" (11 cm)
KM52768	7-1/4" (18.5 cm)
KM52769	With ball stops, 7" (18 cm)

GELPI-SELETZ RETRACTOR



KM52765

CATALOG #	DESCRIPTION
KM52765	Sharp points, deep blades, 6-1/4" (16 cm)

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RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



JOHNSON NEUROMA RETRACTOR



Designed to aid in the removal of interdigital neuroma. Tips overlap in closed position making insertion and removal of retractor easier. Provides excellent visibility of neuroma when retractor is in open position.

CATALOG #	DESCRIPTION
KM52782	Sharp, 5" (12.5 cm)

WILTSE-GELPI RETRACTOR



Deep, angled blades, sharp points.

CATALOG #	DESCRIPTION
KM52771	Angled shaft, 10-7/8" (27.5 cm)

ORIGINAL HENLY POPLITEAL RETRACTOR



A modification of the Weitlaner retractor with provisions for attachment of a third retractor blade for improved exposure in either the popliteal or carotid positions. Supplied with 3 center blades. The retraction surfaces of the center blades are grooved for soft tissue retraction.

CATALOG #	DESCRIPTION
351779	4 x 3 prongs, center blades: 5/8" wide x 3/4" deep (1.5 x 2 cm), 5/8" wide x 1" deep (1.5 x 2.5 cm), 5/8" wide x 1-1/4" deep (1.5 x 3 cm), overall length 6-3/8" (16 cm)

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



HENLY POPLITEAL RETRACTOR



488350

bright finish.

CATALOG #	DESCRIPTION
488350	With 3 detachable center blades: 16 mm wide x 20 mm / 26 mm / 32 mm, 6-3/8" (16 cm)

IMPROVED HENLY RETRACTORS



351679

With interchangeable center blades and side blades.

CATALOG #	DESCRIPTION
351679	Henly Retractor with straight arms, side blades slide onto arms
351680	Henly Retractor with arms spread outward. Both are complete with: <ul style="list-style-type: none"> • 1 frame • 3 center blades, 7/8", 1-1/8" and 1-1/4" deep x 5/8" wide, (2, 3 and 3 cm deep x 1.5 cm wide) • 3 pair of side blades with blunt prongs, 1", 2" and 3" deep x 7/8" wide, (2.5, 5 and 7.5 cm deep x 2 cm wide)



351680

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



IMPROVED HENLY RETRACTOR SIDE BLADES



351676

Shallow, medium and deep interchangeable sliding side blades.

CATALOG #	DESCRIPTION
351676	1 pair, 1" x 7/8" (2.5 x 2 cm)
351677	1 pair, 2" x 7/8" (5 x 2 cm)
351678	1 pair, 3" x 7/8" (7.5 x 2 cm)

MAINI SIDE BLADE FOR HENLY RETRACTOR



351661

CATALOG #	DESCRIPTION
351661	2-3/4 x 2" (7 X 5 cm), slide on

MAINI RICHARDSON DOUBLE-ENDED CENTER BLADE FOR HENLY RETRACTOR



351664

CATALOG #	DESCRIPTION
351664	Blade ends are 31 and 40 mm wide

RETRACTORS, SELF-RETAINING

Weitlaner, Gelpi and Henly-Type Retractors



MULTIPURPOSE RETRACTORS



A versatile self-retaining Henly type retractor designed for use in the following surgical specialties: peripheral vascular surgery in the carotid, subclavian, femoral, popliteal and tibial regions. Spinal surgery in the cervical and lumbar regions. Orthopedic surgery in shoulder and hip procedures. General surgery for inguinal hernia, appendectomy and many minor procedures.

CATALOG #	DESCRIPTION
351667	Multipurpose Retractor, complete with: 1 Frame with a 3-1/8" (7.8 cm) spread; 3 Center Blades in sizes 7/8" (2.2 cm), 1-1/8" (2.8 cm) and 1-1/4" (3.2 cm) deep x 5/8" (1.6 cm) wide; 3 pairs of Side Blades in sizes 1-1/8" (2.9 cm), 2-1/8" (5.5 cm) and 3-1/8" (8.0 cm) deep x 7/8" (2.2 cm) wide; Self-retaining, with interchangeable center and side blades. Ball-snap attachment of side blades. Swivel side blades rotate 360 degrees.
351675	Multipurpose Retractor, complete with: 1 Frame with a 3-1/8" (7.8 cm) spread; 3 Center Blades in sizes 7/8" (2.2 cm), 1-1/8" (2.8 cm) and 1-1/4" (3.2 cm) deep x 5/8" (1.6 cm) wide; 3 pairs of Side Blades in sizes 1-1/8" (2.9 cm), 2-1/8" (5.5 cm) and 3-1/8" (8.0 cm) deep x 7/8" (2.2 cm) wide; Self-retaining, with interchangeable center and side blades. Ball-snap attachment of side blades. Swivel side blades rotate 360 degrees.
351666	1 pair side blades, 1-1/8" x 7/8" (3 x 2 cm) for 351675
351667	1 pair side blades, 2-1/8" x 7/8" (5.5 x 2 cm) for 351675
351668	1 pair side blades, 3-1/8" x 7/8" (8 x 2 cm) for 351675
351669	Center blade, 7/8" x 5/8" (2 x 1.5 cm) for 351675
351670	Center blade, 1-1/8" x 5/8" (3 x 1.5 cm) for 351675
351671	Center blade, 1-1/4" x 5/8" (3 x 1.5 cm) for 351675
351672	Center blade, 2" x 5/8" (5 x 1.5 cm) for 351675
351673	Center blade, 2-1/2" x 5/8" (6.5 x 1.5 cm) for 351675

EXTRA LONG CENTER BLADES



Fits all Henly and Multipurpose Retractors.

CATALOG #	DESCRIPTION
351784	Two extra-long center blades in sizes 1-1/2" (4 cm) and 1-3/4" (4.5 cm) deep x 5/8" (1.5 cm) wide

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



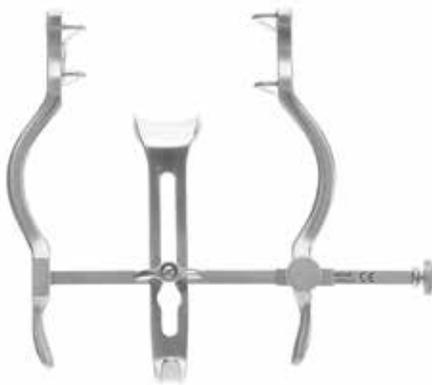
BALFOUR RETRACTORS



165200

Trigger controlled, positive automatic ratchet retaining design. Free, smooth easy movement of all parts. Large selection of blade designs and sizes. Stainless steel construction.

CATALOG #	DESCRIPTION
165200	Wire lateral blades 2" deep (5 cm), center blade 3-5/8" wide x 1-3/4" deep (9 x 4.5 cm), 7" (18 cm) spread
165203	Wire lateral blades 4-3/8" deep (11 cm), center blade 4-3/16" deep x 2-1/2" wide (10.5 x 6.5 cm), 7" (18 cm) spread
165240	Pediatric. Miniature model, arms 3-1/2" long (9 cm), lateral blades 3/4" (2 cm) deep, 4" (10 cm) spread



165240

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



BALFOUR RETRACTORS PERMANENT SIDE BLADE MODEL



165105

CATALOG #	DESCRIPTION
165100	Side blades 2-1/2" (6.5 cm) deep. Center blade 2-3/4" (7 cm) wide x 1-3/4" (4.5 cm) deep, standard size 8" (20.5 cm) opening
165105	Side blades 3-1/2" (9 cm) deep. Center blade 3-1/2" (9 cm) wide x 1-3/4" (4.5 cm) deep, standard size 8" (20.5 cm) opening

IMPROVED BALFOUR RETRACTORS INTERCHANGEABLE SIDE BLADE MODEL



165130

Lateral blades may be easily snapped on and off. Set includes 2 pairs of detachable wire lateral blades 2-1/2" (6.5 cm) and 3-1/2" (9 cm) deep.

CATALOG #	DESCRIPTION
165130	Center blade 2-1/2" (6.5 cm) wide, standard size, 8" (20.5 cm) opening
165133	Center blade 3-1/2" (8.8 cm) wide, extra wide 10-1/2" (26.5 cm) opening
165135	Extra solid lateral blades 2-1/2" (6.5 cm) deep, per pair
165137	Extra wire lateral blades, 2-1/2" (6.5 cm) deep, per pair
165138	Extra wire lateral blades, 3-1/2" (9 cm) deep, per pair



165133



RETRACTORS

SELF-RETAINING AND LONE STAR

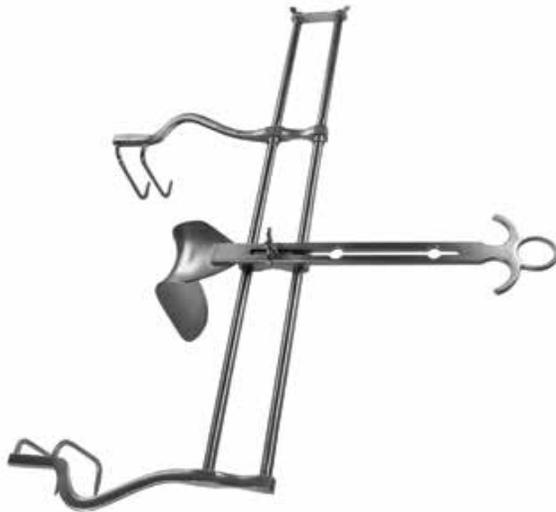
Abdominal/Balfour-Type Retractors and
Gynecology , General Surgery, Head & Neck Retractors



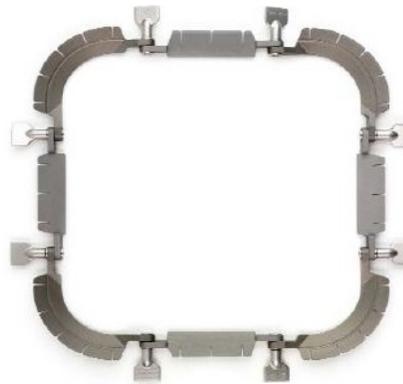
TRANSPLANT RECOVERY BALFOUR RETRACTORS

Transplant retractors for the recovery of the abdominal organs. Spiked lateral blades for maximum hold.

CATALOG #	DESCRIPTION
165107	Adult, 2 x 2 sharp prongs, blades 2-3/4" (7 cm), overall length of arms 7-7/8" (20 cm), 17" (43 cm) spread



165107



AI3302G



AI3303G



AI3304G



AI3305G



AI3306G



AI3307G

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



BALFOUR CENTER BLADES



165141



165142



165146



165149

These blades are made for use with the Balfour Retractors 165100 through 165133.

CATALOG #	DESCRIPTION
165141	Standard, 3-1/2" wide x 1-1/4" deep (8.8 cm x 3.2 cm)
165142	Standard, 2-3/4" wide x 1-3/4" deep (7 cm x 4.4 cm)
165143	Supra-Pubic, 3-1/2" wide x 2-5/8" deep (8.8 cm x 6.8 cm)
165145	Narrow, 1-5/8" wide x 3-1/2" deep (4.2 cm x 8.8 cm)
165146	Wide, 2-1/2" wide x 2-5/8" deep (6.3 cm x 6.8 cm)
165147	Wide, 2-1/2" wide x 3-1/2" deep (6.3 cm x 8.8 cm)
165149	Horgan malleable 2" wide x 7-3/4" long (5 x 19.5 cm)
165150	Horgan malleable 2-1/2" wide x 8" long (6.5 x 20.5 cm)

YU HOLTGREVE MALLEABLE BLADE



165160

CATALOG #	DESCRIPTION
165160	2-1/2" wide x 5-7/8" deep x 9-3/8" long (6.5 x 15 x 24 cm)

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



BALFOUR FOURTH BLADE ATTACHMENTS

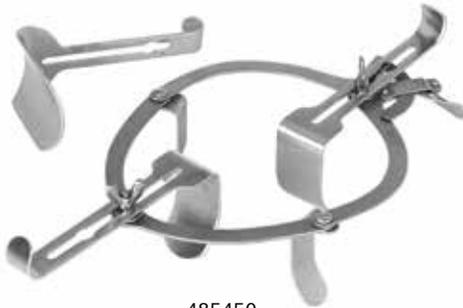


165170

Locks securely to arm of Balfour retractors, holding fourth blade. (Blade not included.)

CATALOG #	DESCRIPTION
165170	For right arm
165171	For left arm

O'SULLIVAN-O'CONNOR ABDOMINAL RETRACTORS



485450

CATALOG #	DESCRIPTION
165300	Adjustable shape ring Spread 7-1/2" (20 cm) Two lateral blades, 1" wide x 3" deep (2.5 x 7.5 cm) Set complete with three detachable blades: 2 small, 1-3/4" wide x 3" deep (4.5 x 7.5 cm), and 1 large, 2-3/4" wide x 4-1/8" deep (7.0 x 10.5 cm) Positive action ratchet regulates diameter
485450	Blades on frame are 73 x 27 mm Three detachable blades: 2 small, 1-3/4" wide x 3-1/8" deep (4.5 x 8 cm), and 1 large, 2-7/8" wide x 4" deep (7 x 10 cm) Spread 12-1/2" (32 cm)

WEXLER BANTAM RETRACTOR



486100

For pediatric and minor surgery use. Set comes complete with frame, 1 center blade and 2 side blades.

CATALOG #	DESCRIPTION
486100	Center blade is 1-1/4" deep x 3/4" wide (3 x 2 cm), side blade is 1-1/8" deep x 7/8" wide (3 x 2.5 cm), 3-7/8" (10 cm) spread

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



WEXLER STANDARD OCTAGON FRAME



485205

Lateral catches for two blades.

CATALOG #	DESCRIPTION
485205	11-5/16" x 9-3/16" (28.5 x 23.5 cm)

UNIVERSAL JOINT FOR WEXLER RETRACTORS



485210

CATALOG #	DESCRIPTION
485210	Allows rotation on ball with locking arm for Wexler Retractors

WEXLER DEEVER BLADE



485220

For Wexler Retractors.

CATALOG #	DESCRIPTION
485220	2" wide x 4-5/16" deep (5 x 11 cm), 9" (23 cm)

RETRACTORS, SELF-RETAINING

Abdominal/Balfour-Type Retractors



WEXLER DEEP SPREADER



485262

For Wexler Retractors.

CATALOG #	DESCRIPTION
485262	4" x 1-7/8" blades (10 x 5 cm), 5-1/4" (13.5 cm), pair of 2

WEXLER EXPANDABLE BLADE



485225

CATALOG #	DESCRIPTION
485225	2-3/4" (7 cm) wide blade, expands to 5" (12.5 cm)

RETRACTORS, SELF-RETAINING

Thyroid Retractors



HAMBURGER-BRENNAN-MAHORNER RETRACTOR

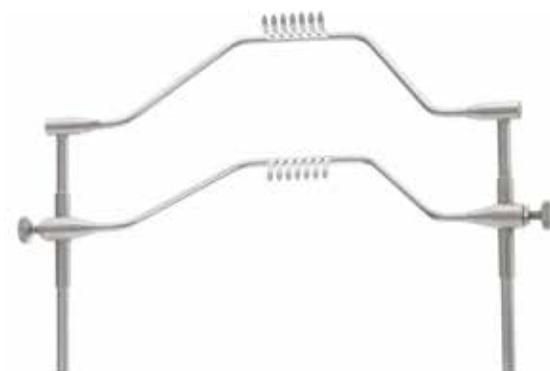


485270

Set comes complete with frame and 2 side blades.

CATALOG #	DESCRIPTION
485270	7 pointed prongs, 18 x 32 mm, detachable side blades are 5-3/4" (14.5 cm), 33 x 29 mm blade, 4" (10 cm) spread, overall length 9-1/16" (23 cm)

MAHORNER THYROID RETRACTOR



485265

CATALOG #	DESCRIPTION
485265	7 pointed prongs, 15 x 32 mm, 4-3/8" (11 cm) spread, overall 9" (23 cm)

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RETRACTORS, TABLE-MOUNTED

Circuitract Retractor System



MAXIMUM EXPOSURE SAVES OR TIME.

The familiar, easy-to-use Circuitract System provides maximum exposure for optimal visibility. With a comprehensive offering, our retractor blades are available in sizes ranging from pediatric to bariatric. All Circuitract components are more affordable and completely compatible with the Bookwalter System. Bookwalter is a registered trademark of Specialty Surgical Instrumentation Inc.

Circuitract Set includes:

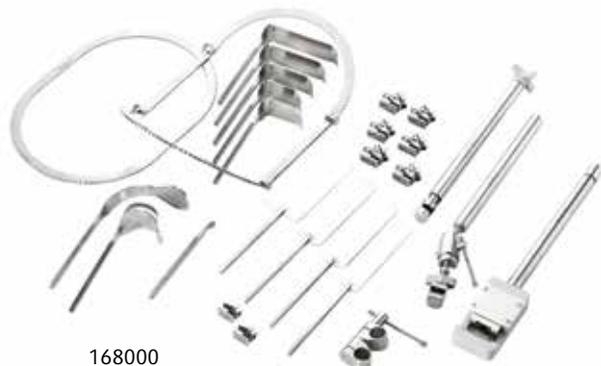
- Horizontal Bar, 14-1/2"
- Post Coupling Clamp
- Vertical Post Table Clamp, 12"
- Horizontal Flex Bar
- Non-Tilting Ratchet (2 per set)
- Advanced Tilting Ratchet (6 per set)
- Ribbon Blade, 2 x 6-1/2" (2 per set)
- Ribbon Blade, 1-1/2 x 6"
- Ribbon Blade, 3 x 6-1/2"
- Kelly Blade, 2 x 3" (2 per set)
- Kelly Blade, 2 x 4"
- Kelly Blade, 2 x 5"
- Kelly Blade, 2 x 6"
- Balfour Blade, 3 x 3-1/2"
- Gelpi Blade
- Harrington Blade, 2-1/2 x 5"
- Oval Ring - Medium
- Segmented Oval Ring - Medium

RETRACTORS, TABLE-MOUNTED

Circuitract Retractor System



CIRCUTRACT SET - COMPONENTS



168000

CATALOG #	DESCRIPTION
168207	Bariatric Blade Malleable, 4 x 10"
168208	Bariatric Blade Malleable, 3 x 12"
168209	Bariatric Blade Malleable, 4 x 12"
168223	Bariatric Harrington Blade, 3-1/2 x 10"
168218	Bariatric Kelly Blade, 2 x 8"

ADDITIONAL COMPONENTS

CATALOG #	DESCRIPTION
168102	Extension Bar
168214	Kelly Blade, 1 x 1-1/4"
168215	Kelly Blade, 1 x 2-1/2"
168216	Kelly Blade, 2 x 1-1/2"
168217	Kelly Blade, 2 x 2-1/2"
168253	Oval Ring - Small
168255	Oval Ring - Large
168256	Segmented Oval Ring - Small
168258	Segmented Oval Ring - Large
168250	Round Ring - Small, 8-1/2"
168251	Round Ring - Medium, 10-1/2"
168252	Round Ring - Large, 12-1/2"
168259	Ring Straight Segments 4" - Sold in Pairs
168260	Ring Straight Segments 6" - Sold in Pairs
168261	Ring Straight Segments 8" - Sold in Pairs
168156	Segmented Ring Replacement Screw
168232	Rectal Blade, 22 x 2-3/4"
168233	Rectal Blade, 23 x 4"
168204	Ribbon Blade, 2 x 8"
168245	Vaginal Deaver Blade - Extra Small 1 x 3-1/2"
168246	Vaginal Deaver Blade - Small 1 x 4-1/2"
168247	Vaginal Deaver Blade - Medium 1-1/2 x 4-1/2"
168248	Vaginal Deaver Blade - Large 2 x 4-1/2"
168228	Rake Blade 3 Prong
168229	Rake Blade 4 Prong
168230	Rake Blade 6 Prong
168243	Lateral Vaginal Blade, 1 x 3"
168244	Posterior Vaginal Blade, 1 x 4-1/2"
168249	Vaginal Retractor Ring, 8 x 10-1/2"
168196	Malleable Pedi Blade, 3/4 x 3"
168197	Malleable Pedi Blade, 1 x 4"
168198	Malleable Pedi Blade, 1 x 5"
168199	Malleable Pedi Blade, 1-1/2 x 3"
168200	Malleable Pedi Blade, 1-1/2 x 4"
168235	Scoville Hook Blade, 2"
168236	Scoville Hook Blade, 3-1/4"
168225	Meyerding Blade, 2-1/3 x 2/3"
168226	Meyerding Blade, 3-1/3 x 1"
168227	Meyerding Blade, 3-3/4 x 2"

CIRCUTRACT RETRACTOR SYSTEM

CATALOG #	QTY/SET	DESCRIPTION
168000		Circuitract Set - Components included:
168101	1	Horizontal Bar, 14-1/2"
168103	1	Post Coupling Clamp
168104	1	Vertical Post Table Clamp, 12"
168105	1	Horizontal Flex Bar
168110	2	Non-Tilting Ratchet
168111	6	Advanced Tilting Ratchet
168201	2	Ribbon Blade, 2 x 6-1/2"
168202	1	Ribbon Blade, 1-1/2 x 6"
168203	1	Ribbon Blade, 3 x 6-1/2"
168210	2	Kelly Blade, 2 x 3"
168211	1	Kelly Blade, 2 x 4"
168212	1	Kelly Blade, 2 x 5"
168213	1	Kelly Blade, 2 x 6"
168220	1	Balfour Blade, 3 x 3-1/2"
168221	1	Gelpi Blade
168222	1	Harrington Blade, 2-1/2 x 5"
168254	1	Oval Ring - Medium
168257	1	Segmented Oval Ring - Medium

BARIATRIC COMPONENTS

CATALOG #	DESCRIPTION
168000	Circuitract Set (* included in set)
167050	Storage Case - Blade and Clamp
167051	Storage Case - Ring and Table Post
168101	*Horizontal Bar, 14-1/2"
168102	Extension Bar
168103	*Post Coupling Clamp
168104	*Vertical Post Table Clamp, 12"
168105	*Horizontal Flex Bar
168263	Bariatric Vertical Post, 18-3/8"
168262	Bariatric Segmented Ring - Extra-Large
168205	Bariatric Blade Malleable, 2 x 10"
168206	Bariatric Blade Malleable, 3 x 10"

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RETRACTORS, TABLE-MOUNTED

Wishbone Retractor System



163100



163104



163102



163108



163103

WISHBONE RETRACTOR SYSTEM

Basic system is supplied with a wide assortment of retractor blades for various purposes. Special blade requirements may be ordered economically from your Acheron surgical representative. All components are constructed of heat-treated 400 Series stainless steel. There are no plastic washers or small parts.

- A single post table-mounted self-retaining retractor designed for any major abdominal vascular procedures of the aorta, iliacs and their branches.
- Allows use of multiple blades of various configurations, eliminating the need for second or third assistants.
- Non-wavering, non-tiring, self-retaining retraction provides better exposure, speeding the procedure with less postoperative pain.
- Far more versatile than the traditional types of self-retaining retractors. Less restrictive than enclosed ring and frame type retractors.
- Can be easily set up and positioned by the surgeon and one assistant. The rail clamp may be attached to the table rail over the patient drapes.
- Disc clamps on the table upright and crossbar are easily tightened and provide greater force and stability than other systems.
- Closed and open universal clamps that attach the retractor blades to the "wishbone" frame both feature a unique captive design. Clamps are easily cleaned ultrasonically without disassembling them.
- Open distal end of the "split wishbone" allows easier tunneling if grafting is required below the ilio-femoral junction. "Split (two piece) wishbone" frame allows simplified handling and assembly and will fit standard sterilizing trays.

RETRACTORS, TABLE-MOUNTED

Wishbone Retractor System



ABDOMINAL VASCULAR RETRACTOR SET WITH SPLIT WISHBONE - COMPONENTS



CATALOG #	DESCRIPTION	QTY.
163000	Complete set	1
CATALOG #	SET COMPONENTS	SET QTY.
163100	Table Clamp	
163102	Upright with Disc Clamp, 20-5/8"	
163103	Crossbar with attached Disc Clamp	
163104	Wishbone-Split Bar, left and right	
163108	Closed Universal Clamp	6
163109	Open Universal Clamp	2
163200	Splanchnic Retractor, 2 x 4-1/4"	
163201	Splanchnic Retractor, 2 x 6-1/4"	
163203	Renal Vein Retractor, 1 x 6"	2
163211	Mayo Retractor, standard, 2-5/8 x 2-1/4"	2
163213	Richardson Retractor, Swivel, 1 x 1-3/4"	
163400	Blade Holder, swivel with handle, 6-1/4"	2
163401	Blade Holder, swivel with knob, 9-1/4"	
163406	Fence Blade, swivel, 4 x 6"	
163420	Mayo Blade, swivel, 2-5/8 x 2-1/4"	
163422	Mayo Blade, wide swivel, 3-1/2 x 2-3/4"	
163424	Deaver Blade, swivel, 2-3/4 x 4-1/2"	
163212	Mayo Retractor, wide, 3-1/2 x 2-3/4"	
163111	Bariatric Crossbar	
163117	Bariatric Side Arm	



RETRACTORS, TABLE-MOUNTED

Wishbone Retractor System



WISHBONE LECHNER-HARRINGTON LIVER BLADE



163436

CATALOG #	DESCRIPTION
163436	1-5/8" x 5" x 10" (4 x 12.5 x 25.5 cm)

Miscellaneous Retractors

GOMEZ/POLY-TRACT RAIL CLAMPS



341114

The Rail Clamp is a highly versatile operating table rail clamp for use with the Gomez, Poly-Tract Fowler and other retractor systems, as well as with other equipment to be attached to the operating room table. The Rail Clamp has been designed to fit the side rail of any currently manufactured U.S. or European operating room table.

CATALOG #	DESCRIPTION
341114	Single
166002	Set of four

RETRACTOR FIBER OPTIC "LIGHT BEAM"



163701

This malleable fiber optic light bundle can illuminate the many difficult-to-access surgical sites in the abdomen and pelvis. The captive clamp will attach to many standard table-mounted and self-retaining retractors. It can be operated from fiber optic light sources that accept Fiber Optic Cables.

CATALOG #	DESCRIPTION
163701	

SUCTION TUBES

General



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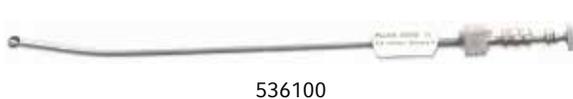
ADSON SUCTION TUBES



See "Scales and Gauges" chart in the beginning of the catalog for French size/mm conversion.

CATALOG #	DESCRIPTION
536103	Straight suction with finger valve, 4 mm tip, 8-1/4" (21 cm)

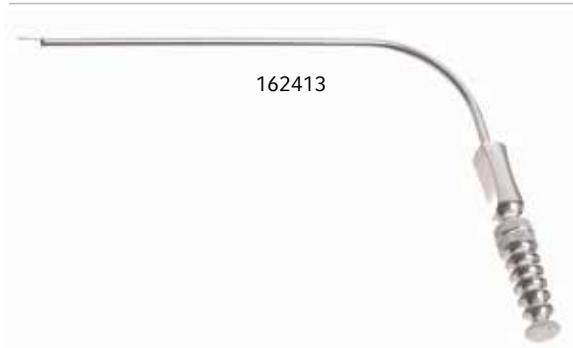
ADSON SUCTION TUBES, CURVED



Curved suction with finger valve. See "Scales and Gauges" chart in the beginning of the catalog for French size/mm conversion.

CATALOG #	DESCRIPTION
536100	7 mm, 7-1/4" (18.5 cm)
536104	6 mm, 8-1/4" (21 cm)
536105	5 mm, 6-1/2" (16.5 cm)

FERGUSON-FRAZIER SUCTION TUBES



Stainless steel tubes, block-type finger valve, complete with cleaning stylette. Angled. 4-7/8" (12.5 cm). Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
162410	# 0, 6 Fr. tip
162411	# 1, 7 Fr. tip
162412	# 2, 8 Fr. tip
162413	# 3, 9 Fr. tip
162414	# 4, 10 Fr. tip
162415	# 5, 12 Fr. tip
162416	# 6, 14 Fr. tip
162421	Ferguson Stylet # 0

FRAZIER SUCTION TUBES



7" (18 cm). 1 Fr. = .33 mm. KMedic® Pattern, satin finish.

CATALOG #	DESCRIPTION
KM42823	6 Fr. tip
KM42824	7 Fr. tip
KM42825	8 Fr. tip
KM42826	10 Fr. tip
KM42830	12 Fr. tip
KM42825P	Frazier Stylet 8 Fr.

SUCTION TUBES

General



FRAZIER SUCTION TUBES



KM42876

satin finish.

CATALOG #	DESCRIPTION
KM42863	7 Fr. tip, 4-1/2" (11.5 cm)
KM42864	9 Fr. tip, 4-1/2" (11.5 cm)
KM42866	11 Fr. tip, 4-1/2" (11.5 cm)
KM42873	7 Fr. tip, 7-1/2" (19 cm)
KM42874	9 Fr. tip, 7-1/2" (19 cm)
KM42876	11 Fr. tip, 7-1/2" (19 cm)

PEDIATRIC POOLE SUCTION TUBE



536107

CATALOG #	DESCRIPTION
536107	16 Fr., 6 mm tip, 7-1/2" (19 cm)

POOLE ABDOMINAL SUCTION TUBES



162210

Removable inner tube in multi-perforated outer tube.

CATALOG #	DESCRIPTION
162210	Large, 30 Fr., straight connector, 9-1/4" (23.5 cm)
162212	Small, 23 Fr., curved connector, 10-1/4" (26 cm)

YANKAUER SUCTION TUBES



162300

CATALOG #	DESCRIPTION
162300	Standard adult size, 10 mm diameter. Tip has 2 mm central opening and four 2 mm, side openings. Length 11-1/2" (29 cm)
162301	Tip only for 162300 Yankauer, 1/2" (12.5 mm)



162301

SUCTION TUBES

General



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YANKAUER SUCTION TUBE WITH SWITCH VALVE



162345

For use with wall suction. Stopcock-type valve allows reliable "on-off" action. Tube is detachable for cleaning.

CATALOG #	DESCRIPTION
162345	11-3/4" (30 cm)

Specialty

BARON SUCTION TUBES



411702

With finger cut-off.

CATALOG #	DESCRIPTION
411700	3 Fr. tip
411702	5 Fr. tip
411704	7 Fr. tip

ROSEN SUCTION TUBES



411727

CATALOG #	DESCRIPTION
411724	18 Ga. tip, 3-3/4" (9.5 cm)
411726	20 Ga. tip, 3-3/4" (9.5 cm)
411727	22 Ga. tip, 3-3/4" (9.5 cm)
411728	24 Ga. tip, 3-3/4" (9.5 cm)

SUCTION TUBES

Specialty



FUKUSHIMA SUCTION TUBES



KM42890

Teardrop opening allows surgeon to regulate force of suction.

CATALOG #	DESCRIPTION
KM42880	4 Fr. tip, 6-1/4" (16 cm)
KM42881	5 Fr. tip, 6-1/4" (16 cm)
KM42882	6 Fr. tip, 6-1/4" (16 cm)
KM42883	7 Fr. tip, 6-1/4" (16 cm)
KM42884	8 Fr. tip, 6-1/4" (16 cm)
KM42885	9 Fr. tip, 6-1/4" (16 cm)
KM42890	4 Fr. tip, 7" (18 cm)
KM42891	5 Fr. tip, 7" (18 cm)
KM42892	6 Fr. tip, 7" (18 cm)
KM42893	7 Fr. tip, 7" (18 cm)
KM42894	8 Fr. tip, 7" (18 cm)
KM42895	9 Fr. tip, 7" (18 cm)
KM42901	4 Fr. tip, 8" (20.5 cm)
KM42902	5 Fr. tip, 8" (20.5 cm)
KM42903	6 Fr. tip, 8" (20.5 cm)
KM42904	7 Fr. tip, 8" (20.5 cm)
KM42905	8 Fr. tip, 8" (20.5 cm)
KM42906	9 Fr. tip, 8" (20.5 cm)

ANDREWS INFANT SUCTION TUBE



162310

6 mm diameter tip, permanently attached.

CATALOG #	DESCRIPTION
162310	9-1/4" (23.5 cm)

ANDREWS PYNCHON SUCTION TUBE



536220

CATALOG #	DESCRIPTION
536220	Curved, 6 mm tip, 3 mm diameter removable shaft, 9-5/8" (24.5 cm)

SUCTION TUBES

Specialty



COOLEY SUMP SUCTION TUBE



351547

Long, removable perforated outer tube with internal extension provides for fluid removal by sump-drain principle. Entire tube removable from handle for cleaning and rotatable for convenience.

CATALOG #	DESCRIPTION
351547	Curved, 9 mm tip, 12-7/8" (32.5 cm)

DEBAKEY FIBEROPTIC ILLUMINATED SUCTION TUBE



351508

A modification of the DeBakey-Yankauer Tube but with a special tip to provide for greater volume of aspirated fluids. Large distal central opening is surrounded by circular perforations and slots in the sides.

CATALOG #	DESCRIPTION
351508	9.5 mm tip, 11-3/8" (29 cm)

DEBAKEY SUCTION TUBES



351500

CATALOG #	DESCRIPTION
351500	9.5 mm tip, 11-3/8" (29 cm)
351501	DeBakey® Suction Tube Tip for 351500, 3/8" (9.5 mm)



351501

SUCTION TUBES

Specialty



DEBAKEY SUCTION TUBE



351502

Distal opening with four side openings 3 mm long, 4 mm diameter.

CATALOG #	DESCRIPTION
351502	3 mm diameter tip, 12-1/4" (31 cm)

DEBAKEY-ADSON CORONARY SUCTION TUBES



351506

Distal opening with four side openings 3 mm long, 4 mm diameter.

CATALOG #	DESCRIPTION
351504	6-1/8" (15.5 cm)
351506	8-1/8" (20.5 cm)

MORSE-ANDREWS SUCTION TUBE



351505

Short length, small 3 mm outside diameter tube, terminating in 6 mm diameter tip which has one distal and four side openings. Handle is ebonized.

CATALOG #	DESCRIPTION
351505	10-1/4" (26 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Knife Handles/Suction Tubes



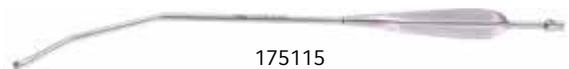
KNIFE HANDLES



175055

CATALOG #	DESCRIPTION
175055	#3, 16" (40.5 cm)
175056	#3, 18" (45.5 cm)

YANKAUER SUCTION TUBES



175115

CATALOG #	DESCRIPTION
175114	12" (30.5 cm)
175115	14" (35.5 cm)
175116	16" (40.5 cm)
175117	18" (45.5 cm)

POOLE SUCTION TUBES



175086

CATALOG #	DESCRIPTION
175083	30 Fr. tip, 12" (30.5 cm)
175084	30 Fr. tip, 16" (40.5 cm)
175085	30 Fr. tip, 18" (45.5 cm)
175086	14" (35.5 cm)

Forceps and Clamps

THUMB TISSUE FORCEPS



175109

CATALOG #	DESCRIPTION
175109	1 x 2 teeth, 16" (40.5 cm)
175110	1 x 2 teeth, 18" (45.5 cm)

POTTS SMITH FORCEPS



175087

CATALOG #	DESCRIPTION
175087	14" (35.5 cm)
175088	1 x 2 teeth, 14" (35.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps



RUSSIAN TISSUE FORCEPS



175105

CATALOG #	DESCRIPTION
175104	12" (30.5 cm)
175105	14" (35.5 cm)
175106	16" (40.5 cm)

DEBAKEY TISSUE FORCEPS



175030P

CATALOG #	DESCRIPTION
175026	12" (30.5 cm), TC
175027	14" (35.5 cm), 2 mm
175028	16" (40.5 cm), 2 mm
175029	18" (45.5 cm), 2 mm
175030P	14" (35.5 cm), 3 mm
175031	16" (40.5 cm), 3 mm
175032	18" (45.5 cm), 2.5 mm

GERALD DRESSING FORCEPS



175037

CATALOG #	DESCRIPTION
175037	12" (30.5 cm)

SINGLEY DRESSING FORCEPS



175107

CATALOG #	DESCRIPTION
175107	Serrated, 16" (40.5 cm)
175108	Serrated, 18" (45.5 cm)

FOERSTER SPONGE FORCEPS



175036

CATALOG #	DESCRIPTION
175033	Straight, 12" (30.5 cm)
175034	Straight, 14" (35.5 cm)
175035	Straight, 16" (40.5 cm)
175036	Straight, 18" (45.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps

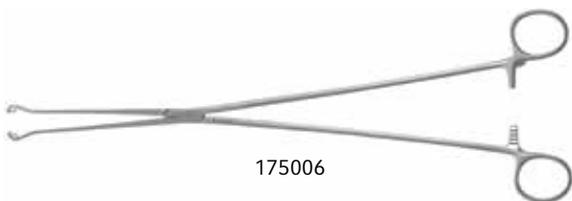
ALLIS TISSUE FORCEPS



175001

CATALOG #	DESCRIPTION
175000	12" (30.5 cm)
175001	14" (35.5 cm)
175002	16" (40.5 cm)
175003	18" (45.5 cm)
175004	X-action, 18" (45.5 cm)

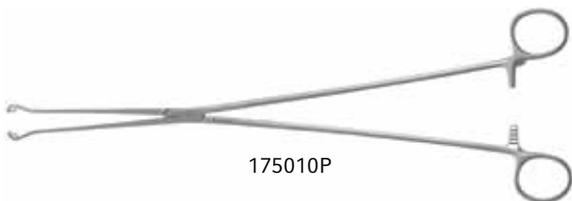
BABCOCK TISSUE FORCEPS



175006

CATALOG #	DESCRIPTION
175005	12" (30.5 cm)
175006	14" (35.5 cm)
175007	16" (40.5 cm)
175008	18" (45.5 cm)
175009	X-action, 18" (45.5 cm)

BRIDGE X-ACTION FORCEPS



175010P

CATALOG #	DESCRIPTION
175010P	Curved, 18" (45.5 cm)

CARMALT FORCEPS



175011

CATALOG #	DESCRIPTION
175011	Curved, 12" (30.5 cm)

CLARK ARTERY FORCEPS

CATALOG #	DESCRIPTION
175012	Curved, 16" (40.5 cm)
175013	Curved, 18" (45.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps

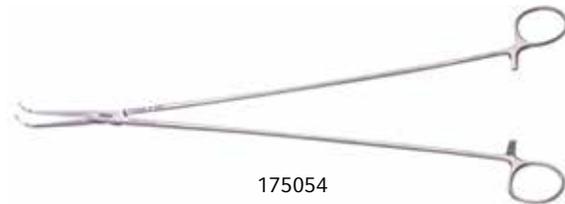


COLLIER ANDERSON CLAMPS



CATALOG #	DESCRIPTION
175016	10" (25.5 cm)
175017	11" (28 cm)
175018	14" (35.5 cm)
175019	16" (40.5 cm)

KANTROWITZ RIGHT ANGLE FORCEPS



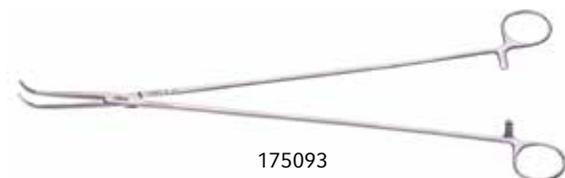
CATALOG #	DESCRIPTION
175053	12" (30.5 cm)
175054	14" (35.5 cm)

MIXTER RIGHT ANGLE FORCEPS



CATALOG #	DESCRIPTION
175073	16" (40.5 cm)
175074	18" (45.5 cm)

MIXTER RIGHT ANGLE FORCEPS



CATALOG #	DESCRIPTION
175093	14" (35.5 cm)
175094	18" (45.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps



RIGHT ANGLE CLAMP



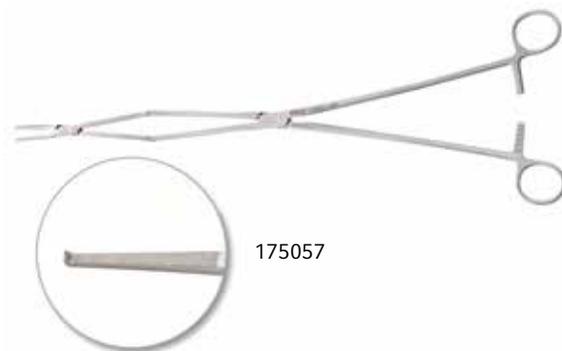
CATALOG #	DESCRIPTION
175092	16" (40.5 cm)

RIGHT ANGLE X-ACTION FORCEPS



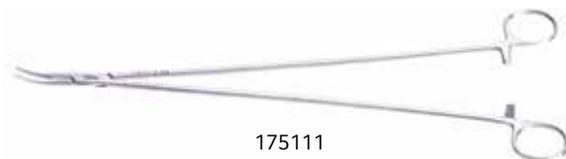
CATALOG #	DESCRIPTION
175095	18" (45.5 cm)

KOCKER X-ACTION FORCEPS



CATALOG #	DESCRIPTION
175057	Straight, serrated, 1 x 2 teeth, 18" (45.5 cm)

TONSIL CLAMP



CATALOG #	DESCRIPTION
175111	14" (35.5 cm)

TONSIL FORCEPS

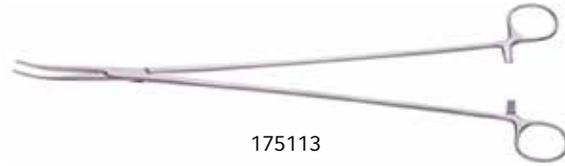
CATALOG #	DESCRIPTION
175112	Straight, serrated, 16" (40.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps



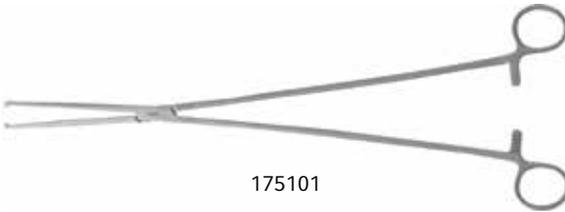
ZENKER FORCEPS



175113

CATALOG #	DESCRIPTION
175113	Straight, 14" (35.5 cm)

ROCHESTER OCHSNER FORCEPS



175101

CATALOG #	DESCRIPTION
175096	Straight, serrated, 1 x 2 teeth, 18" (45.5 cm)
175100	Straight, 14" (35.5 cm)
175101	Straight, serrated, 1 x 2 teeth, 16" (40.5 cm)

ROCHESTER PEAN FORCEPS



175097

CATALOG #	DESCRIPTION
175097	Curved, 14" (35.5 cm)
175098	Curved, 18" (45.5 cm)

ROCHESTER PEAN HEMOSTATIC FORCEPS



175099

CATALOG #	DESCRIPTION
175099	16" (40.5 cm)

CLARK HYSTERECTOMY CLAMPS



175015P

CATALOG #	DESCRIPTION
175014	12" (30.5 cm)
175015P	14" (35.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps



HEANEY BALLENTINE CLAMPS



175039

CATALOG #	DESCRIPTION
175038	Curved, 12" (30.5 cm)
175039	Straight, 12" (30.5 cm)

MASTERSON HYSTERECTOMY FORCEPS



175060

CATALOG #	DESCRIPTION
175059	Curved, 10" (25.5 cm)
175060	Straight, 10" (25.5 cm)

ROGERS HYSTERECTOMY FORCEPS



175103

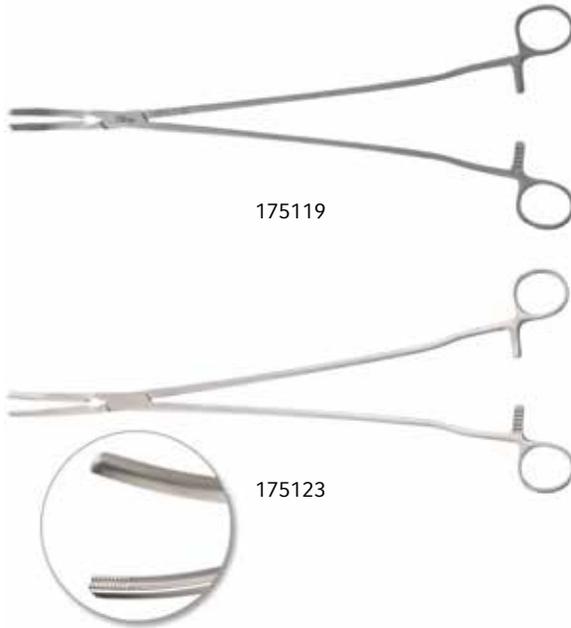
CATALOG #	DESCRIPTION
175102	Curved, 10" (25.5 cm)
175103	Straight, 10" (25.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Forceps and Clamps



Z-HYSTERECTOMY FORCEPS



CATALOG #	DESCRIPTION
175118	Angled, 12" (30.5 cm)
175119	Angled, 14" (35.5 cm)
175120	Straight, 12" (30.5 cm)
175121	Straight, 14" (35.5 cm)
175122	Slight curved, 12" (30.5 cm)
175123	Slight curved, 14" (35.5 cm)
175124	Full curved, 12" (30.5 cm)
175125	Full curved, 14" (35.5 cm)

Scissors

COOLEY SCISSORS



CATALOG #	DESCRIPTION
175020P	Curved, 12" (30.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Scissors



HYSTERECTOMY SCISSORS



175046

CATALOG #	DESCRIPTION
175042	Curved, 10-1/2" (26.5 cm), TC
175043	Curved, 12" (30.5 cm), TC
175045	Medium curved, 10-1/2" (26.5 cm), TC
175046	Medium curved, 12" (30.5 cm), TC
175048	Acutely curved, 10-1/2" (26.5 cm), TC
175049	Acutely curved, 12" (30.5 cm), TC

JORGENSON SCISSORS



175052

CATALOG #	DESCRIPTION
175052	Acutely curved, 14" (35.5 cm)

MAYO HARRINGTON SUPER-CUT SCISSORS



175061

CATALOG #	DESCRIPTION
175061	Medium curved, 12" (30.5 cm)

MAYO SCISSORS



175067

CATALOG #	DESCRIPTION
175067	Medium curved, 14" (35.5 cm), TC
175068	Medium straight, 14" (35.5 cm), TC

EXTENDED LENGTH/ OPEN BARIATRIC

Scissors



METZENBAUM SCISSORS



175071

CATALOG #	DESCRIPTION
175069	Curved, 12" (30.5 cm), TC
175070	Curved, 14" (35.5 cm), TC
175072	Curved, 16" (40.5 cm), TC
175071	Curved, 18" (45.5 cm), TC

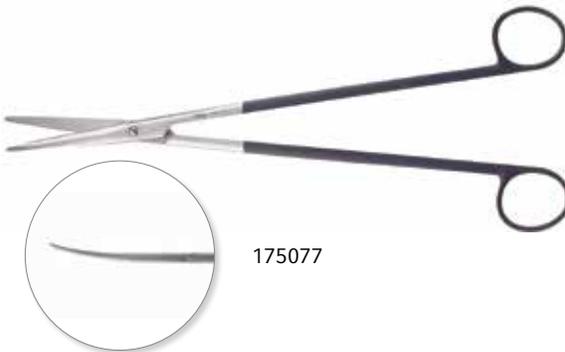
NELSON METZENBAUM SCISSORS



175075

CATALOG #	DESCRIPTION
175075	Curved, 16" (40.5 cm)
175076	Curved, 18" (45.5 cm)

NELSON METZENBAUM SUPER-CUT SCISSORS



175077

CATALOG #	DESCRIPTION
175077	Supercut, curved, 11-3/4" (30 cm)

POTTS TENOTOMY SCISSORS



175090

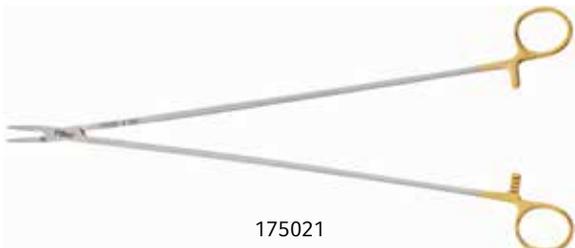
CATALOG #	DESCRIPTION
175089	Curved, 10" (25.5 cm)
175090	Curved, 12" (30.5 cm)
175091	Curved, 14" (35.5 cm)

EXTENDED LENGTH/ OPEN BARIATRIC

Needle Holders



CRILE WOOD NEEDLE HOLDERS



175021

CATALOG #	DESCRIPTION
175021	14" (35.5 cm), TC
175022	16" (40.5 cm), TC

HEANEY NEEDLE HOLDERS



175041

CATALOG #	DESCRIPTION
175040P	12" (30.5 cm), TC
175041	14" (35.5 cm), TC

MASSON NEEDLE HOLDER



175058

CATALOG #	DESCRIPTION
175058	16" (40.5 cm), TC

0 in

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EXTENDED LENGTH/ OPEN BARIATRIC

Needle Holders

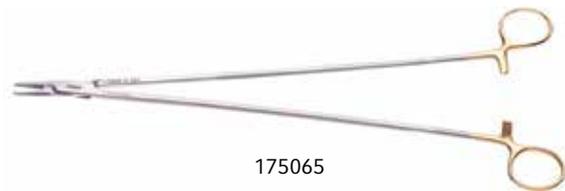


MAYO HEGAR NEEDLE HOLDERS



CATALOG #	DESCRIPTION
175062	12" (30.5 cm), TC
175066	14" (35.5 cm), TC
175063	18" (45.5 cm), TC

MAYO MASSON NEEDLE HOLDER



CATALOG #	DESCRIPTION
175065	18" (45.5 cm), TC

EXTENDED LENGTH/ OPEN BARIATRIC

Needle Holders



0 in

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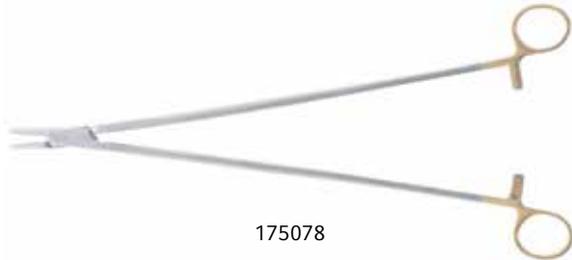
7

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GENERAL INSTRUMENTS

NOLAN NEEDLE HOLDERS



175078

CATALOG #	DESCRIPTION
175078	14" (35.5 cm), TC
175079	16" (40.5 cm)
175080	Curved, 16" (40.5 cm), TC
175081	16" (40.5 cm), TC
175082	18" (45.5 cm)

Retractors

CUSHING VEIN RETRACTORS



175024

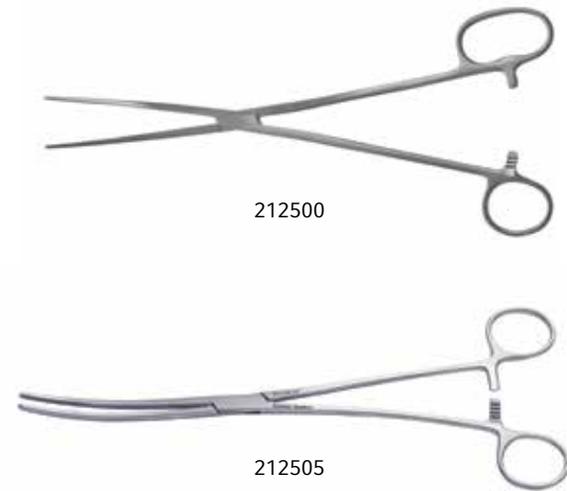
CATALOG #	DESCRIPTION
175023	12-1/2" (32 cm)
175024	14" (35.5 cm)
175025P	16" (40.5 cm)

OB/GYN

Forceps and Clamps



BOZEMAN UTERINE DRESSING FORCEPS



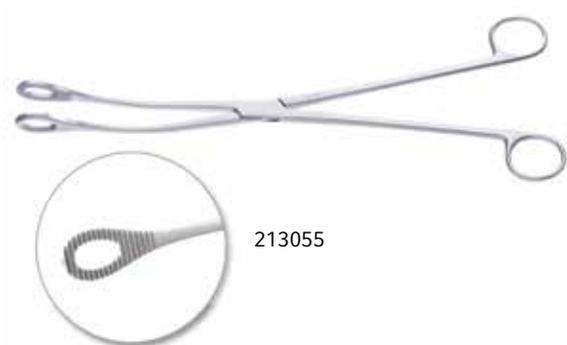
CATALOG #	DESCRIPTION
212500	Double-curved, one large ring, 10-1/4" (26 cm)
212505	Standard model, curved, 10-1/4" (26 cm)

DE LEE CERVICAL GRASPING FORCEPS



CATALOG #	DESCRIPTION
213050	10" (25.5 cm)

KELLY PLACENTA CLAMP



CATALOG #	DESCRIPTION
213055	12-5/8" (32 cm)



OB/GYN

Forceps and Clamps

POLK PLACENTA FORCEPS



Fenestrated jaw with cross serrations.

CATALOG #	DESCRIPTION
770730	Straight, 9-5/8" (24.5 cm)

SOMER UTERINE ELEVATING FORCEPS



CATALOG #	DESCRIPTION
213230	9" (23 cm)

WALLACE CAESAREAN FORCEPS



CATALOG #	DESCRIPTION
770405	Serrated, 25 mm jaw, 8" (20.5 cm)

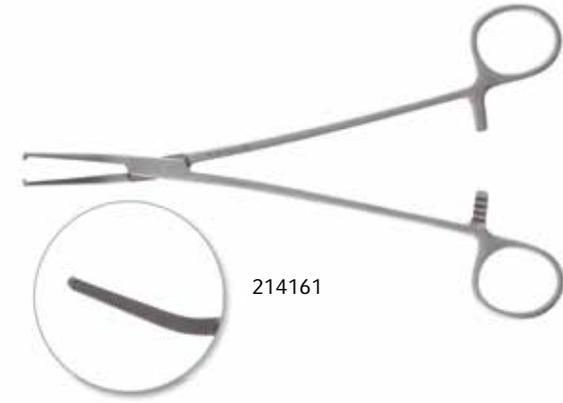


OB/GYN

Forceps and Clamps



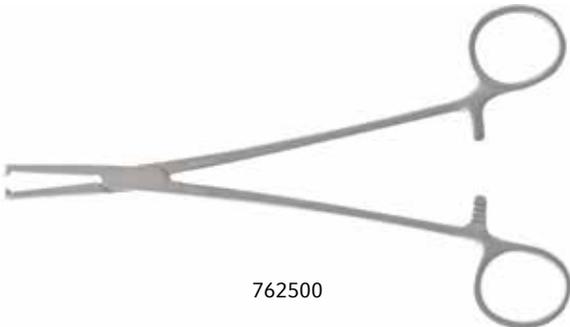
PHANEUF UTERINE ARTERY FORCEPS



satin finish.

CATALOG #	DESCRIPTION
214161	Short, heavy jaws, 1 x 2 distal teeth, angled, 8-1/4" (21 cm)

PHANEUF UTERINE ARTERY FORCEPS



bright finish.

CATALOG #	DESCRIPTION
762500	Straight, serrated, 1 x 2 teeth, 4 mm tip, 8-1/4" (21 cm)

BLAND CERVICAL TRACTION FORCEPS



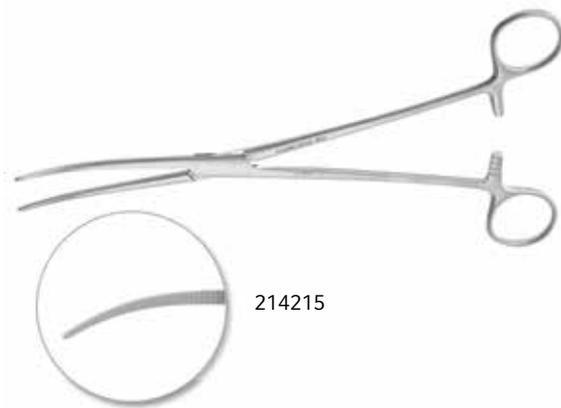
CATALOG #	DESCRIPTION
213140	Straight, 10 mm tip, 9-1/4" (23.5 cm)



OB/GYN

Forceps and Clamps

DEBAKEY HYSTERECTOMY CLAMP



214215

CATALOG #	DESCRIPTION
214215	Curved, 9-3/8" (24 cm)

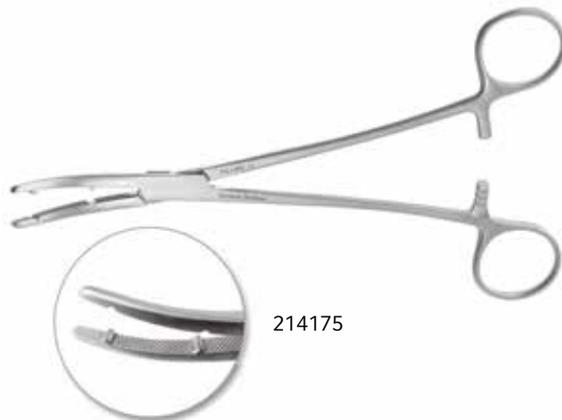
HEANEY HYSTERECTOMY FORCEPS



214170

Double serrated jaws with cross-groove.

CATALOG #	DESCRIPTION
214170	Curved, light jaws, single groove, 8-1/4" (21 cm)
214172	Curved, heavy jaws, single groove, 8-1/4" (21 cm)
214175	Curved, heavy jaws, double groove, 8-1/4" (21 cm)



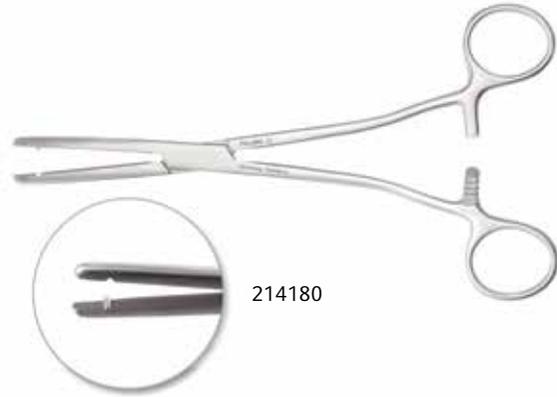
214175

OB/GYN

Forceps and Clamps



HEANEY-BALLANTINE HYSTERECTOMY CLAMPS



Longitudinally serrated jaws. Single groove.

CATALOG #	DESCRIPTION
214180	Straight, 8-1/4" (21 cm)
214182	Curved, 8-1/8" (20.5 cm)

WERTHEIM-CULLEN PEDICLE CLAMP



CATALOG #	DESCRIPTION
214230	Angled, longitudinally serrated jaws, 8-5/8" (22 cm)

Biopsy Punches

EPPENDORFER BIOPSY PUNCH



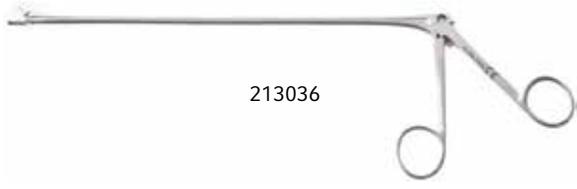
CATALOG #	DESCRIPTION
KM65162	Straight, 4 x 8 mm bite, 9" (23 cm)



OB/GYN

Biopsy Punches

KEVORKIAN-YOUNGE CERVICAL BIOPSY FORCEPS



213036

CATALOG #	DESCRIPTION
213036	10-1/8" (25.5 cm)

SCHUBERT BIOPSY PUNCHES



766520

CATALOG #	DESCRIPTION
766520	Angled to side, 5 x 8 mm punch, 9-5/8" (24.5 cm)
766522	Straight, 5 x 8 mm punch, 11" (28 cm)

SCHUBERT BIOPSY PUNCHES



KM65115

CATALOG #	DESCRIPTION
KM65115	Straight, 8-1/2" (21.5 cm)
KM65118	Angled, 10-1/2" (26.5 cm)

OB/GYN

Biopsy Punches



THOMAS-GAYLOR CERVICAL BIOPSY FORCEPS



213011

CATALOG #	DESCRIPTION
213011	Curved shanks, 9-1/4" (23.5 cm)

THOMAS-GAYLOR BIOPSY PUNCH



KM65084

CATALOG #	DESCRIPTION
KM65084	Interfitted jaw, 9-1/2" (24 cm)

TISCHLER BIOPSY PUNCHES



KM65186

CATALOG #	DESCRIPTION
KM65188	Straight, 3 x 5 mm, 8" (20.5 cm)
KM65186	Straight, 3 x 7 mm, 9" (23 cm)
KM65204	Shaft only, 3 x 7 mm bite
KM65205	Pistol grip handle only for Tischler punch

OB/GYN

Biopsy Punches



WITTNER BIOPSY FORCEPS



8 x 6 mm toothed basket jaw, 8-7/8" (22.5 cm) stem.

CATALOG #	DESCRIPTION
752526	Straight, 11-1/2" (29 cm)

Circumcision Clamps

GOMCO CIRCUMCISION CLAMPS



CATALOG #	DESCRIPTION
742100	Extra small, 11 mm
742102	Newborn, 13 mm
742104	Infant, 15 mm
742106	Child, 16 mm
742108	Youth, 21 mm
742110	Adult, 26 mm

742110

OB/GYN

Delivery Forceps



DE LEE OBSTETRICAL FORCEPS



214595

CATALOG #	DESCRIPTION
214595	12" (30.5 cm)

MCLEAN-TUCKER-LUIKART OBSTETRICAL FORCEPS



214605

CATALOG #	DESCRIPTION
214605	15-1/2" (39.5 cm)

SIMPSON OBSTETRICAL FORCEPS



214555

CATALOG #	DESCRIPTION
214550	14" (35.5 cm)
214555	12" (30.5 cm)

SIMPSON-LUIKART OBSTETRICAL FORCEPS



214570

CATALOG #	DESCRIPTION
214570	Fenestrated, smooth, 14" (35.5 cm)

OB/GYN

Scissors



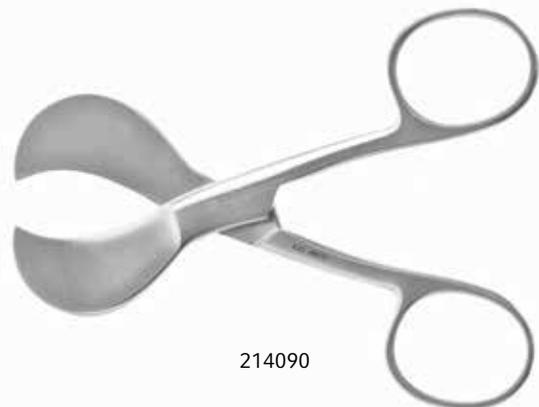
BUSCH UMBILICAL SCISSORS



KM67294

CATALOG #	DESCRIPTION
KM67294	Curved sideways, 6-1/2" (16.5 cm)

UMBILICAL SCISSORS



214090

CATALOG #	DESCRIPTION
214090	4-1/8" (10.5 cm)
KM67292	Straight, 4-3/8" (11 cm)

BRAUN EPISIOTOMY SCISSORS



214081

CATALOG #	DESCRIPTION
214081	Wide lower blade, angled to side, 8-3/4" (22 cm)

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OB/GYN

Probes, Sounds and Dilators



EMMETT UTERINE PROBE



212600

CATALOG #	DESCRIPTION
212600	Sterling Silver, 11" (28 cm)

SIMPSON UTERINE SOUND



212605

CATALOG #	DESCRIPTION
212605	4 mm, graduated in inches, silver plated, malleable, 12-3/4" (32.5 cm)

SIMS UTERINE SOUNDS



212612

CATALOG #	DESCRIPTION
212610	4 mm, non-graduated, silver plated, malleable, 12-3/4" (32.5 cm)
212612	4 mm, graduated in cm, malleable, 12-3/4" (32.5 cm)

OB/GYN

Probes, Sounds and Dilators



HANK UTERINE DILATORS



212666

satin finish. Double-ended. Length 10-3/4" (27.5 cm). All sizes available individually.

CATALOG #	DESCRIPTION
212659	Hank Uterine Dilators, set of 6, sizes 11-12 Fr. to 21-22 Fr. (3.66 to 7.33 mm)
212661	9-10 Fr. (3 x 3.3 mm)
212662	11-12 Fr. (3.6 x 4 mm)
212663	13-14 Fr. (4.3 x 4.7 mm)
212664	15-16 Fr. (5 x 5.3 mm)
212665	17-18 Fr. (5.7 x 6 mm)
212666	19-20 Fr. (6.3 x 6.7 mm)
212667	21-22 Fr. (7 x 7.3 mm)
212668	23-24 Fr. (7.7 x 8 mm)
212669	25-26 Fr. (8.3 x 8.7 mm)
212670	27-28 Fr. (9 x 9.3 mm)
212671	29-30 Fr. (9.3 x 10 mm)

HANK UTERINE DILATORS



752382

bright finish. Double-ended. End lengths 2-1/2" (6.5 cm). Length 10-3/8" (26.5 cm).

CATALOG #	DESCRIPTION
752380	9/10 American (4.5 x 5 mm)
752381	11/12 American (5.5 x 6 mm)
752382	13/14 American (6.5 x 7 mm)
752383	15/16 American (7.5 x 8 mm)
752384	17/18 American (8.5 x 9 mm)
752385	19/20 American (9.5 x 10 mm)

OB/GYN

Probes, Sounds and Dilators



HEGAR UTERINE DILATORS



212673



212678

satin finish. Double-ended, 7-7/8" (20 cm).

CATALOG #	DESCRIPTION
212673	Set of 8, sizes 3 mm to 18 mm
212675	Size 3-4 mm
212676	Size 5-6 mm
212677	Size 7-8 mm
212678	Size 9-10 mm
212679	Size 11-12 mm
212680	Size 13-14 mm
212681	Size 15-16 mm
212682	Size 17-18 mm

HEGAR UTERINE DILATORS



752354

bright finish. Double-ended, hollow, 7-7/8" (20 cm).

CATALOG #	DESCRIPTION
752338	Size 1/2 mm
752347	Size 19/20 mm
752348	Size 21/22 mm
752349	Size 23/24 mm
752351	Size 25/26 mm
752354	Complete set in case

OB/GYN

Probes, Sounds and Dilators



PRATT UTERINE DILATORS



212647

satin finish. Double-ended, 11-5/8" (29.5 cm). Stainless steel.

CATALOG #	DESCRIPTION
212647	Set of 8 in canvas case, sizes 13-15 Fr. to 41-43 Fr.

PRATT UTERINE DILATORS



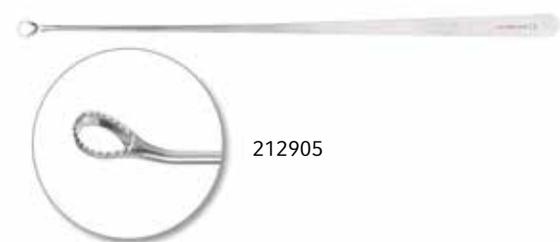
752394

bright finish. Double-ended, 11-5/8" (29.5 cm).

CATALOG #	DESCRIPTION
752390	Size 13-15 Fr.
752391	Size 17-19 Fr.
752392	Size 21-23 Fr.
752393	Size 25-27 Fr.
752394	Size 29-31 Fr.
752395	Size 33-35 Fr.
752396	Size 37-39 Fr.
752397	Size 41-43 Fr.

Curettes

HEANEY BIOPSY CURETTE



212905

CATALOG #	DESCRIPTION
212905	9-3/4" (25 cm)

OB/GYN

Curettes



KEVORKIAN-YOUNGE BIOPSY CURETTE



212910

CATALOG #	DESCRIPTION
212910	12-1/8" (31 cm)

KEVORKIAN-YOUNGE CURETTES



Sharp tip.



KM64796

CATALOG #	DESCRIPTION
KM64796	Without basket, 12" (30.5 cm)
KM64802	With basket, 12" (30.5 cm)

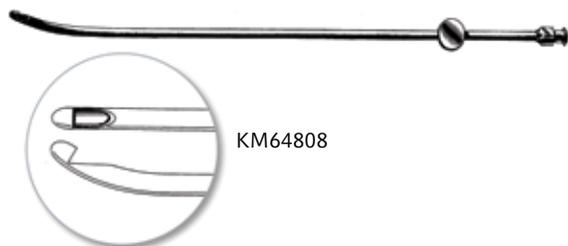


OB/GYN

Curettes



RANDALL SUCTION BIOPSY CURETTE



CATALOG #	DESCRIPTION
KM64808	Sharp, curved, 4 mm diameter, 9-3/4" (25 cm)

SIMS UTERINE CURETTES



Sharp blades. Malleable shafts.

CATALOG #	DESCRIPTION
212749	Size 0, 10-7/8" (27.5 cm)
212750	Size 1, 11-1/4" (28.5 cm)
212751	Size 2, 11-1/4" (28.5 cm)
212752	Size 3, 11-3/8" (29 cm)
212753	Size 4, 11-1/2" (29 cm)
212754	Size 5, 11-1/2" (29 cm)
212755	Size 6, 11-5/8" (29.5 cm)



OB/GYN

Tenaculums and Vulsellums



ADAIR TENACULUM



CATALOG #	DESCRIPTION
213120	6-7/8" (17.5 cm)

BARRETT TENACULUM



CATALOG #	DESCRIPTION
213110	7-1/4" (18.5 cm)

BRAUN TENACULUM



CATALOG #	DESCRIPTION
213100	9-5/8" (24.5 cm)

OB/GYN

Tenaculums and Vulsellums



DUPLAY TENACULUM



213085

CATALOG #	DESCRIPTION
213085	9-7/8" (25 cm)

HULKA TENACULUM AND PROBE



754125

CATALOG #	DESCRIPTION
754125	Single tooth, probe 4-3/4" (12 cm) w/ 3.6 mm tip, 11-1/8" (28.5 cm)

JARCHO TENACULUM



213065

CATALOG #	DESCRIPTION
213065	8" (20.5 cm)

SCHROEDER TENACULUM



213080

CATALOG #	DESCRIPTION
213080	9-7/8" (25 cm)



OB/GYN

Tenaculums and Vulsellums



STAUDE TENACULUM



213090

CATALOG #	DESCRIPTION
213090	5-3/8" (13.5 cm)

STAUDE-MOORE TENACULUM



213095

CATALOG #	DESCRIPTION
213095	6-3/8" (16 cm)

WYLIE UTERINE TENACULUM



754160

CATALOG #	DESCRIPTION
754160	1 x 2 teeth, 9-1/2" (24 cm)

OB/GYN

Tenaculums and Vulsellums



HENROTIN VULSELLUM



213150

CATALOG #	DESCRIPTION
213150	8-1/4" (21 cm)

JACOB'S VULSELLUM FORCEPS



213155

CATALOG #	DESCRIPTION
213155	Straight, 2 x 2 teeth, 8-1/4" (21 cm)
213157	Curved sideways, serrated, 2 x 2 teeth, 8-1/4" (21 cm)



213157

KELLY VULSELLUM



213160

CATALOG #	DESCRIPTION
213160	Curved sideways, 9-1/2" (24 cm)

Production Unit: Industrial Estate Shahab Pura, Ugoki Road, Near Saga Chowk Sialkot, Pakistan.

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OB/GYN

Tenaculums and Vulsellums



M.G.H. VULSELLUM



213175

CATALOG #	DESCRIPTION
213175	3 x 3 teeth, 6-1/8" (15.5 cm)

SCHROEDER VULSELLUM



213180

CATALOG #	DESCRIPTION
213180	Straight, 9-7/8" (25 cm)

TEALE UTERINE VULSELLUM



754370

CATALOG #	DESCRIPTION
754370	Curved sideways, 3 x 4 teeth, 9-1/4" (23.5 cm)

OB/GYN

Specula



GRAVES VAGINAL SPECULA



212001

CATALOG #	DESCRIPTION
212000	Small blade 3-1/4" (8.5 cm) long x 7/8" (2.2 cm) wide
212001	Medium blade 4-3/8" (11 cm) long x 1-3/8" (3.5 cm) wide
212002	Large blade 5" (13 cm) long x 1-1/2" (3.7 cm) wide
212005	Medium, right open-sided blade 4-3/8" (11 cm) long x 1-3/8" (3.5 cm) wide



212005

OB/GYN

Specula



PEDERSON VAGINAL SPECULA



212011

Narrow, straight side blades.

CATALOG #	DESCRIPTION
212010	Small, 3-1/4" x 1/2" (8.5 x 1.5 cm)
212011	Medium, 3-1/4" x 1" (8.5 x 2.5 cm)
212012	Large, 4-3/4" x 1" (12 x 2.5 cm) blades

SLENDER PEDERSON SPECULUM



KM64288

CATALOG #	DESCRIPTION
KM64288	Narrow blades, 4-11/32" (110 mm) long x 11/16" (17.5 mm) wide with a 2-7/8" (73 mm) maximum opening

KOGAN ENDOCERVICAL SPECULUM



KM64830

CATALOG #	DESCRIPTION
KM64830	With gauge and set screw, 9-1/2" (24 cm)

OB/GYN

Specula



AUVARD WEIGHTED VAGINAL SPECULA



212196

CATALOG #	DESCRIPTION
212195	3 lbs., 3" (7.5 cm)
212196	2-1/2 lbs., 3-3/8" (8.5 cm)
212197	3 lbs., 4" (10 cm)

GARRIGUE WEIGHTED VAGINAL SPECULUM



212185

CATALOG #	DESCRIPTION
212185	Cut-out handle allows drainage. Blade 1-5/8" x 3-1/8" (4 x 8 cm), weight 2 lbs., chrome plated

HENROTIN WEIGHTED VAGINAL SPECULUM



212187

CATALOG #	DESCRIPTION
212187	Blade 1-1/2" x 3-1/2" (3.8 x 9 cm), weight 3 lbs, chrome plated

OB/GYN

Retractors

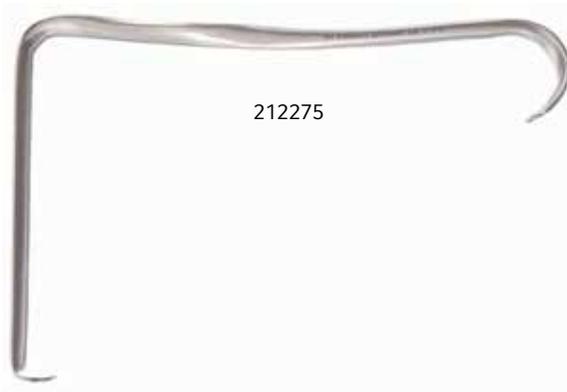


DE LEE UNIVERSAL RETRACTOR



CATALOG #	DESCRIPTION
212350	3" x 2-1/8" (7.5 x 5.5 cm) blade, 9-1/2" (24 cm)

EASTMAN VAGINAL RETRACTORS



CATALOG #	DESCRIPTION
212271	1-3/8" x 3-1/4" (3.5 x 8.5 cm)
212275	1-3/8" x 3-7/8" (3.5 x 10 cm)

HEANEY-SIMON VAGINAL RETRACTOR



CATALOG #	DESCRIPTION
212305	1-1/8" x 4-3/4" (2.5 x 12 cm), blade length 11" (28 cm)

OB/GYN

Retractors



JACKSON VAGINAL RETRACTORS



212264

CATALOG #	DESCRIPTION
212263	1-9/16" x 3-1/4" (4 x 8.5 cm)
212264	1-9/16" x 3-19/32" (4 x 9 cm)
212265	1-19/32" x 4" (4 x 10 cm)

PRYOR-PEAN RETRACTOR



212295

CATALOG #	DESCRIPTION
212295	1" x 4-1/2" (2.5 x 11.5 cm), blade length 10-3/8" (26.5 cm)

SIMS VAGINAL RETRACTORS



212228

Double-ended.

CATALOG #	DESCRIPTION
212225	7/8" x 2-5/8" (2 x 6.5 cm) and 1" x 3-1/8" (2.5 x 8 cm)
212226	1" x 2-1/2" (2.5 x 6.5 cm) and 1-1/4" x 3" (3 x 7.5 cm)
212227	1" x 3-1/4" (2.5 x 8.5 cm) and 1-3/16" x 3-1/2" (3 x 9 cm)
212228	1-1/4" x 3" (3 x 7.5 cm) and 1-3/8" x 3-1/4" (3.5 x 8.5 cm)
212229	1-3/16" x 3-1/4" (3 x 8.5 cm) and 1-7/16" x 4" (3.5 x 10 cm)

OB/GYN

Retractors



SIMS VAGINAL RETRACTORS



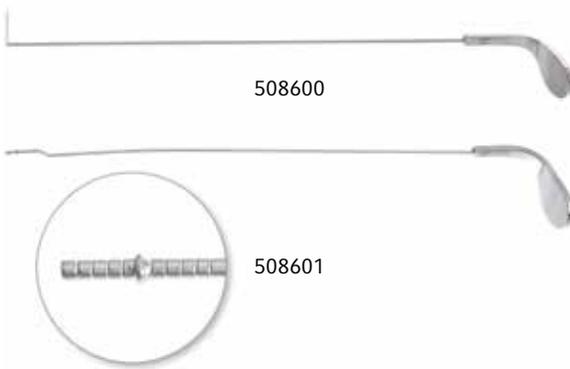
212241

Single-ended.

CATALOG #	DESCRIPTION
212241	1-1/8" x 3-5/8" (3 x 9 cm)
212242	1-1/2" x 3-1/2" (4 x 9 cm)

Laser Instruments

BELLINA LASER RULERS



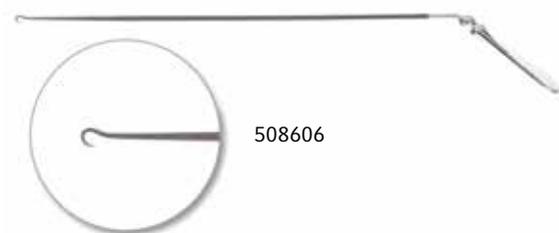
508600

508601

For determining depth and length of tissue for ablation purposes.

CATALOG #	DESCRIPTION
508600	Lateral ruler, graduated in millimeters up to 15 mm
508601	Straight ruler, graduated in millimeters with a ridge indicating the 5 mm mark

CERVICAL LASER HOOKS



508606

Ebonized for use with laser surgery.

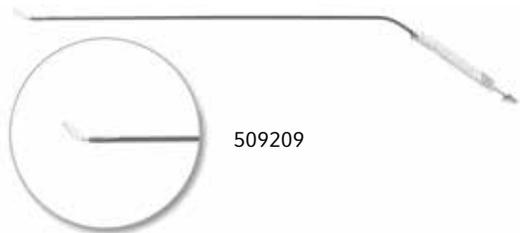
CATALOG #	DESCRIPTION
508605	Small, 2 mm hook, 6-1/2" (16.5 cm) working length, overall 9-1/2" (24 cm)
508606	Large, 4 mm hook, 7" (18 cm) working length, overall 9-7/8" (25 cm)

OB/GYN

Laser Instruments



LASER MIRROR



509209

Highly polished stainless steel front surface mirror. Suction to draw smoke and steam.

CATALOG #	DESCRIPTION
509209	6 mm diameter, working length 8-1/4" (21 cm)

MILAN-LONDON VACUUM TUBE



508602

Ebonized for use with laser surgery. Clips onto a standard metal Graves speculum for evacuation of smoke and plume.

CATALOG #	DESCRIPTION
508602	4-7/8" (12.5 cm)

OSSOFF MICRO SUCTION TUBE EBONIZED



509204

Ebonized for use with laser surgery.

CATALOG #	DESCRIPTION
509204	7 Fr., working length 7-7/8" (20 cm)

OB/GYN

Laser Instruments



LASER SPECULA



508610

Inner blades are matte finished to help reduce reflection of the laser beam. External blades are polished stainless steel for ease of insertion. One smoke evacuation tube is on the upper blade for rapid removal of steam and smoke from the ablated tissue. Available in three sizes.

CATALOG #	DESCRIPTION
508610	Small, blades 3-1/4" (8.5 cm) long x 7/8" (2.2 cm) wide, suction tube 4-5/8" (12 cm) long (unbent)
508612	Medium, blades 4-3/8" (11 cm) long x 1-3/8" (3.5 cm) wide, suction tube 4-5/8" (12 cm) long (unbent)
508614	Large, blades 5" (13 cm) long x 1-1/2" (3.7 cm) wide, suction tube 5-1/2" (14 cm) long (unbent)

SCHROEDER TENACULUM



508694

Ebonized for use with laser surgery.

CATALOG #	DESCRIPTION
508694	10" (25.5 cm)

THOMS-ALLIS VULSELLUM FORCEPS



508696

Ebonized for use with laser surgery.

CATALOG #	DESCRIPTION
508696	Straight, 6 x 7 Teeth, 8" (20.5 cm)

OB/GYN

Miscellaneous



BETHEA SHEET HOLDERS



214770

CATALOG #	DESCRIPTION
214770	1" (2.5 cm) wide, 5" (12.5 cm) diameter

IOWA TRUMPET NEEDLE GUIDE



884227

For paracervical anesthesia.

CATALOG #	DESCRIPTION
884227	Ball tip 7 mm, 5-1/2" (14 cm)

UROLOGY

Forceps and Clamps



HERRICK KIDNEY CLAMP



746550

CATALOG #	DESCRIPTION
746550	Angled, 41 mm jaw with longitudinal serrations, 9" (23 cm)

RANDALL KIDNEY STONE GRASPING FORCEPS



172665

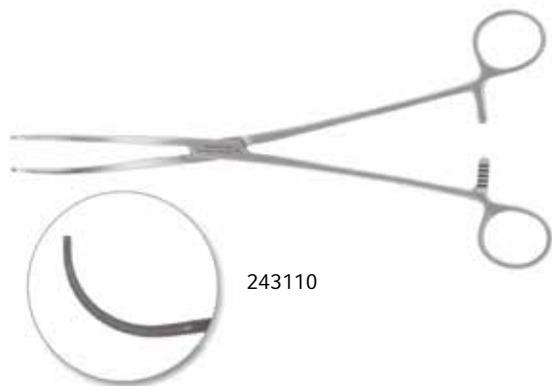
CATALOG #	DESCRIPTION
172650	#1, 1/4" curved, 9-1/4" (23.5 cm)
172655	#2, 1/2" curved, 8-1/4" (21 cm)
172660	#3, 3/4" curved, 7-3/4" (19.5 cm)
172665	#4, Full Curved, 7-3/8" (18.5 cm)

UROLOGY

Forceps and Clamps



MAYO VESSEL CLAMP



243110

CATALOG #	DESCRIPTION
243110	Curved, 1-1/2" (4 cm) tip length, 10" (25.5 cm)

MCDUGAL PROSTATECTOMY CLAMPS



242005

Secures the dorsal vein complex during radical retropubic prostatectomy. Useful for other deep retropubic or deep pelvic work when approached from the abdomen. Allows easy access in operative site obstructed by the pubis or other structures.

CATALOG #	DESCRIPTION
242005	Angled left, 1" (2.5 cm) tip length, 9-7/8" (25 cm)
242006	Angled right, 1" (2.5 cm) tip length, 9-7/8" (25 cm)

UROLOGY

Forceps and Clamps



VASECTOMY CLAMP



CATALOG #	DESCRIPTION
244001	No scalpel ring clamp, 3.6 mm ring I.D., 5-1/2" (14 cm)

VASECTOMY FORCEPS



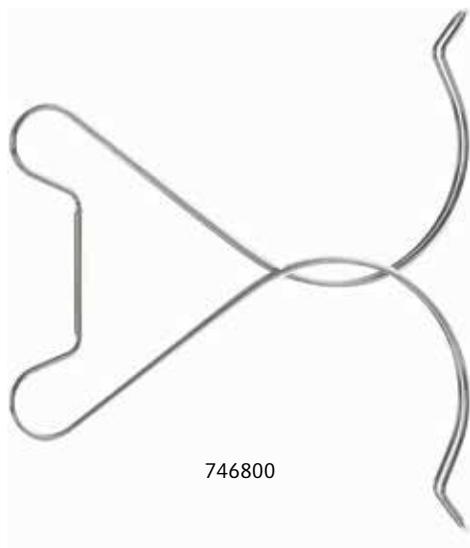
CATALOG #	DESCRIPTION
244000	No scalpel hemostat, 19 Ga. tip, sharp, 5-1/8" (13 cm)

UROLOGY

Forceps and Clamps



ZIPSER PENIS CLAMP



746800

CATALOG #	DESCRIPTION
746800	3-3/8" (8.5 cm)

Dilators, Sounds and Needles

DITTEL URETHRAL SOUNDS



KM64014

11-1/2" (29 cm). 1 Fr. = 0.33 mm.

CATALOG #	DESCRIPTION
KM64008	8 Fr., 11-1/2" (29 cm)
KM64010	10 Fr., 11-1/2" (29 cm)
KM64012	12 Fr., 11-1/2" (29 cm)
KM64014	14 Fr., 11-1/2" (29 cm)
KM64016	16 Fr., 11-1/2" (29 cm)
KM64018	18 Fr., 11-1/2" (29 cm)
KM64020	20 Fr., 11-1/2" (29 cm)
KM64022	22 Fr., 11-1/2" (29 cm)
KM64024	24 Fr., 11-1/2" (29 cm)
KM64026	26 Fr., 11-1/2" (29 cm)
KM64028	28 Fr., 11-1/2" (29 cm)
KM64030	30 Fr., 11-1/2" (29 cm)
KM64032	32 Fr., 11-1/2" (29 cm)
KM64034	34 Fr., 11-1/2" (29 cm)



UROLOGY

Dilators, Sounds and Needles



VAN BUREN URETHRAL DILATORS



10-7/8" (27.5 cm), even sizes, 8 Fr. to 32 Fr.

CATALOG #	DESCRIPTION
241108	8 Fr.
241110	10 Fr.
241112	12 Fr.
241114	14 Fr.
241116	16 Fr.
241118	18 Fr.
241120	20 Fr.
241122	22 Fr.
241124	24 Fr.
241126	26 Fr.
241128	28 Fr.
241130	30 Fr.
241132	32 Fr.

LITVAK PEREYRA LIGATURE NEEDLE



CATALOG #	DESCRIPTION
214687	9-7/8" (25 cm)

STAMEY NEEDLES



Used in conjunction with the treatment of urinary incontinence in the female.

CATALOG #	DESCRIPTION
214688	Straight, 9-3/4" (25 cm)
214689	Angled 15 degrees, 9-3/4" (25 cm)
214691	Angled 30 degrees, 9-3/4" (25 cm)

UROLOGY

Catheter Guides



FEMALE CATHETER SILVERS



740166

CATALOG #	DESCRIPTION
740165	14 Fr., 5-7/8" (15 cm)
740166	16 Fr., 5-7/8" (15 cm)

GUYON CATHETER GUIDE



746797

CATALOG #	DESCRIPTION
746797	9 Fr., 13-1/4" (33.5 cm)

VAN BUREN CATHETER GUIDE



746798

CATALOG #	DESCRIPTION
746798	9 Fr., 13-3/4" (35 cm)

Retractors

LOWSLEY PROSTATIC RETRACTORS



243200

CATALOG #	DESCRIPTION
243200	Curved, 9-1/2" (24 cm)
243201	Straight, 12-7/8" (32.5 cm)

RECTAL

Forceps and Clamps



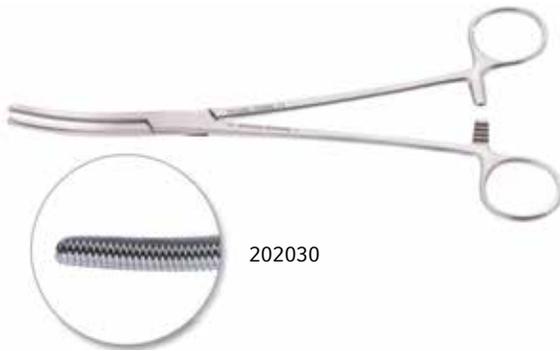
BARRON HEMORRHOIDAL ALLIGATOR SEIZING FORCEPS



202970

CATALOG #	DESCRIPTION
202970	5 x 6 teeth, 11-3/4" (30 cm)

BUIE PILE CLAMP



202030

Angiotribe jaws.

CATALOG #	DESCRIPTION
202030	Curved, serrated, 5/8" (16 mm) tip length, 8-7/8" (22.5 cm)

RECTAL

Forceps and Clamps



MCGIVNEY FORCEPS



KM63503

CATALOG #	DESCRIPTION
KM63503	Angled shanks, 7-1/2" (19 cm)

PRATT "T" FORCEPS



477115

Concave, T-shaped jaws, with serrations.

CATALOG #	DESCRIPTION
477115	6" (15 cm)

RECTAL BIOPSY FORCEPS



203142

CATALOG #	DESCRIPTION
203142	Oval, basket punch type, 13.5 x 4 mm jaw, 14-1/2" (37 cm)

0 in

1

2

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9

RECTAL

Forceps and Clamps



ROTATING RECTAL BIOPSY FORCEPS



204004

Positive, universal handle. Curved upper jaw and serrated lower jaw give firm grasp and clean cut of tissue. Stems are rotatable full 360 degrees. Stainless steel.

CATALOG #	DESCRIPTION
204004	10" (25.5 cm) stem only, straight jaw
204016	13-7/8" (35 cm) stem only, angular jaw
204018	Handle only



204016



204018

RECTAL

Retractors and Specula



HILL FERGUSON RECTAL RETRACTORS



730296

CATALOG #	DESCRIPTION
730295	Blade 2-3/8" x 1" (6 x 2.5 cm), 8-1/2" (21.5 cm)
730296	Blade 2-3/4" x 1-1/8" (7 x 3 cm), 9-1/2" (24 cm)

SAWYER RECTAL RETRACTORS



202151

CATALOG #	DESCRIPTION
202150	Small, blades 2-1/2" x 7/8" (6.5 x 2 cm), 10-5/8" (27 cm)
202151	Medium, blades 3" x 1-1/8" (7.5 x 3 cm), 11" (28 cm)

SMITH RECTAL RETRACTOR



202140

CATALOG #	DESCRIPTION
202140	Blade 2-13/16" (7 cm), 8-7/8" (22.5 cm) spread

0 in

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9



RECTAL

Retractors and Specula



BODENHAMMER RECTAL SPECULUM



KM63300

CATALOG #	DESCRIPTION
KM63300	Set screw, solid blades, 6" (15 cm)

BRINKERHOFF RECTAL SPECULA



KM63354

CATALOG #	DESCRIPTION
KM63350	Small
KM63352	Medium
KM63354	Large

RECTAL

Retractors and Specula



FANSLER OPERATING SPECULUM



202105

CATALOG #	DESCRIPTION
202105	Slotted tube 2-3/8" (6 cm) long, 1-1/4" (3 cm)

FANSLER-IVES RECTAL SPECULA



KM63319

CATALOG #	DESCRIPTION
KM63318	Chrome speculum with obturator
KM63319	Rubber obturator only

0 in

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9

RECTAL

Retractors and Specula



PRATT RECTAL SPECULA



202060

CATALOG #	DESCRIPTION
202060	Large, blades 3-3/8" (8.5 cm) long, 1" (2.5 cm) diameter
202062	Small, blades 3-1/2" (9 cm) long, 3/4" (2 cm) diameter

SIMS RECTAL SPECULUM



202067

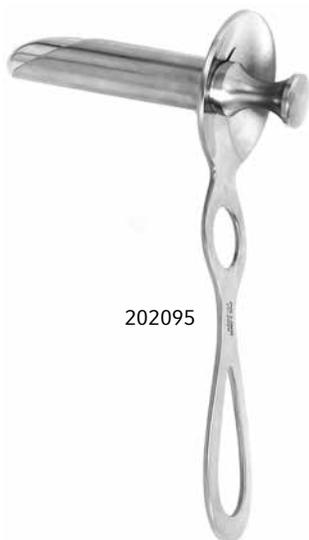
CATALOG #	DESCRIPTION
202067	Fenestrated blades 3-1/2" (9 cm) long, 3/4" (2 cm) diameter

RECTAL

Retractors and Specula



HIRSCHMAN ANOSCOPES



202095

CATALOG #	DESCRIPTION
202095	Small, 5/8" (16 mm) tip diameter, 2-1/2" (6.5 cm)
202096	Medium, 3/4" (19 mm) tip diameter, 2-3/4" (7 cm)
202097	Large, 7/8" (22 mm) tip diameter, 2-3/4" (7 cm)

Miscellaneous

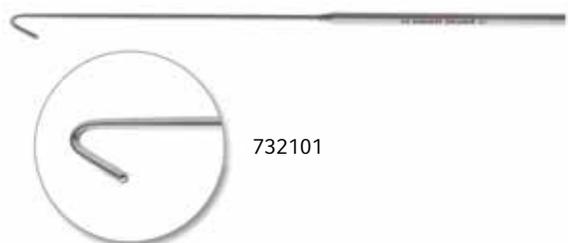
BARR CRYPT HOOK



202623

CATALOG #	DESCRIPTION
202623	Double-ended, 10-1/8" (25.5 cm)

MARTIN RECTAL HOOK



732101

CATALOG #	DESCRIPTION
732101	Hook 9 x 2 mm, 7" (18 cm)

RECTAL

Miscellaneous



PRATT CRYPT HOOK



202635

CATALOG #	DESCRIPTION
202635	Small hook, 8-7/8" (22.5 cm)

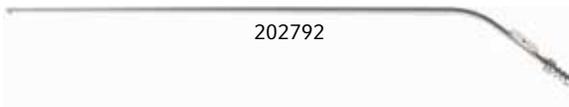
STEWART RECTAL HOOK



202630

CATALOG #	DESCRIPTION
202630	7/8" (22 mm) hook, 8-7/8" (22.5 cm)

BUIE SUCTION TUBES



202792

Distal and side openings.

CATALOG #	DESCRIPTION
202792	Thumb valve control model, 15 Fr. diameter, 17" (43 cm)

LARRY PROBE AND GROOVE DIRECTOR



202600

CATALOG #	DESCRIPTION
202600	5-7/8" (15 cm)

MISCELLANEOUS GENERAL

Probes, Cannulae and Dilators



0 in

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WILLIAMS LACRIMAL PROBES



166490

5-1/8" (13 cm).

CATALOG #	DESCRIPTION
166480	Size 1-2
166485	Size 3-4
166490	Size 5-6
166495	Size 7-8

BOWMAN LACRIMAL PROBES



426096

Sterling silver, 4-7/8" (12.5 cm).

CATALOG #	DESCRIPTION
426090	Size 0000-000
426092	Size 00-0
426094	Size 1-2
426096	Size 3-4
426098	Size 5-6
427002	Size 7-8

DOUBLE-ENDED PROBES



166573

Stainless steel.

CATALOG #	DESCRIPTION
166571	5-1/8" (13 cm)
166573	6-1/8" (15.5 cm)

GROOVED DIRECTOR AND TONGUE TIES



166611

Plain end, stainless steel.

CATALOG #	DESCRIPTION
166610	4-1/2" (11.5 cm)
166611	5-1/8" (13 cm)
166612	5-3/4" (14.5 cm)
166613	6-1/4" (16 cm)

GROOVED DIRECTORS



166632

Probe point, stainless steel.

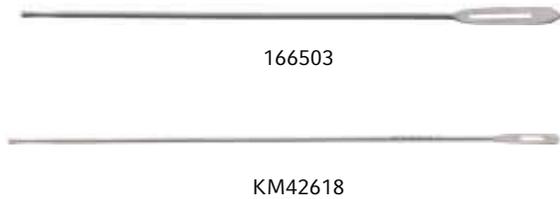
CATALOG #	DESCRIPTION
166632	5-1/2" (14 cm)
166633	6-1/4" (16 cm)

MISCELLANEOUS GENERAL

Probes, Cannulae and Dilators



PROBES WITH PROXIMAL EYE



Malleable, stainless steel.

CATALOG #	DESCRIPTION
166500	4-1/2" (11.5 cm)
166501	5-1/8" (13 cm)
166502	5-3/4" (14.5 cm)
166503	5-7/8" (15 cm)
166504	7-1/8" (18 cm)
166505	7-7/8" (20 cm)
166507	9-7/8" (25 cm)
KM42618	10" (25.5 cm)

PROBES WITH PROXIMAL EYE



Sterling silver.

CATALOG #	DESCRIPTION
166520	4-1/2" (11.5 cm)
166521	5-1/8" (13 cm)
166522	5-3/4" (14.5 cm)
166523	5-7/8" (15 cm)
166527	9-7/8" (25 cm)

PATTERSON TROCAR AND CANNULA



Stainless steel trocar tip with chrome plated handle allows for easy catheter insertion.

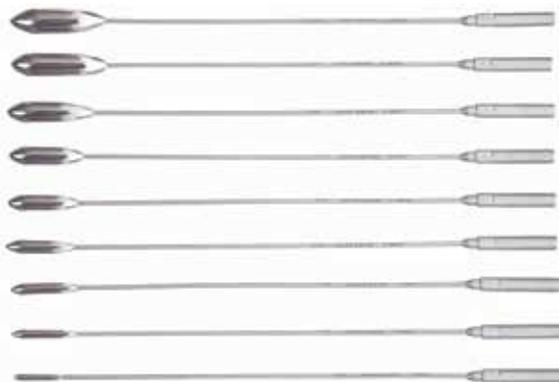
CATALOG #	DESCRIPTION
534201	Size 1, for 14 Fr. catheter, 7-3/4" (19.5 cm)
534202	Size 2, for 20 Fr. catheter, 8" (20.5 cm)
534203	Size 3, for 26 Fr. catheter, 8" (20.5 cm)

MISCELLANEOUS GENERAL

Probes, Cannulae and Dilators



BAKES COMMON DUCT DILATORS SET



172700

CATALOG #	DESCRIPTION
172700	Malleable stainless steel shafts. 9 tip sizes, 3 to 11 mm. Overall length 8-1/2" (21.5 cm). Set of 9 in plastic case.

Measuring Devices

RULERS



KM39694

Flexible, graduated in inches and millimeters.

CATALOG #	DESCRIPTION
KM39692	6" (15 cm)
KM39694	8" (20.5 cm)
KM39698	12" (30.5 cm)
KM39700	20" (51 cm)

CENTIMETER SUBTRACTION RULER

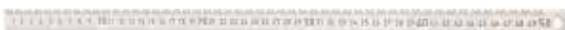


504075

For accurate calculation, by subtraction, of the depth to which a scope has been inserted.

CATALOG #	DESCRIPTION
504075	30 cm

KUNTSCHER X-RAY SCALE



KM48299

Ruler for X-rays.

CATALOG #	DESCRIPTION
KM48299	Graduated in millimeters, 50 cm length (19-5/8")

MISCELLANEOUS GENERAL

Measuring Devices



POLK FINGER GONIOMETER



KM48310

Graduated in centimeters and inches.

CATALOG #	DESCRIPTION
KM48310	6" (15 cm)

CASTROVIEJO CALIPERS



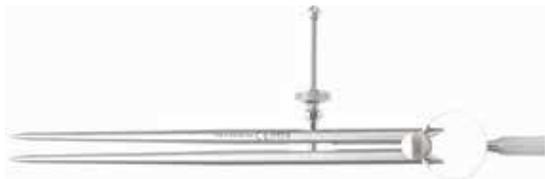
KM53042



428630

CATALOG #	DESCRIPTION
KM53042	Graduated to 40 mm, 6-1/2" (16.5 cm)
428630	Straight, 0-20 mm scale, 3-3/8" (8.5 cm)

BONE COMPASS



KM48302

CATALOG #	DESCRIPTION
KM48302	8" (20.5 cm)

MISCELLANEOUS GENERAL

Measuring Devices



TOWNLEY FEMUR CALIPER



KM48314

CATALOG #	DESCRIPTION
KM48314	Takes inside and outside measurements up to 4" (10 cm)

FOX CURETTES



KM29498

Round, 5-1/2" (14 cm).

CATALOG #	DESCRIPTION
KM29495	1 mm
KM29496	2 mm
KM29497	3 mm
KM29498	4 mm
KM29499	5 mm
KM29500	6 mm

MISCELLANEOUS GENERAL

Dermal Instruments



GREG COMDONE EXTRACTOR



KM29606

CATALOG #	DESCRIPTION
KM29606	One fenestrated cup and lancet blade with cap, 5" (12.5 cm)

KEYES DERMAL SKIN PUNCHES



KM29513

Straight, sharp ring. 4" (10 cm).

CATALOG #	DESCRIPTION
KM29511	2 mm
KM29512	3 mm
KM29513	4 mm
KM29514	5 mm
KM29515	6 mm
KM29517	7 mm

COMDONE EXTRACTOR (WALTON)



KM29604

CATALOG #	DESCRIPTION
KM29604	One fenestrated cup and curved lancet with cap

MISCELLANEOUS GENERAL

Dermal Instruments



PIFFARD CURETTES



KM29505

Oval, 5-1/2" (14 cm).

CATALOG #	DESCRIPTION
KM29503	#1 small
KM29505	#2 medium
KM29507	#3 large

SAALFELD COMDONE EXTRACTOR



KM29566

CATALOG #	DESCRIPTION
KM29566	Extra-fine, with lancet and one fenestrated cup, 4-1/2" (11.5 cm)

SCHAMBERG COMDONE EXTRACTORS



KM29582

3-3/4" (9.5 cm).

CATALOG #	DESCRIPTION
KM29580	Standard, crimped loops
KM29582	Extra-fine, crimped loops
KM29584	Square loops

UNNA COMDONE EXTRACTOR



KM29592

CATALOG #	DESCRIPTION
KM29592	Fenestrated spoon ends, 5-3/4" (14.5 cm)

MISCELLANEOUS GENERAL

Ligature Carriers and Wire Passers



DESCHAMPS LIGATURE CARRIERS



152255

CATALOG #	DESCRIPTION
152255	Blunt point, left curved, 8-1/8" (20.5 cm)
152256	Blunt point, right curved, 8-1/8" (20.5 cm)

BERCI SUTURE PASSER



P47482

CATALOG #	DESCRIPTION
P47482	2.8 mm, 6-3/4" (17 cm)

MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



KLEINERT-KUTZ MICRO VESSEL CLIPS



065105

CATALOG #	DESCRIPTION
065100	Straight blade, 1 x 3 mm, 0.34" (8.5 mm)
065105	Straight blade, 1 x 5 mm, 0.40" (10 mm)

KLEINERT-KUTZ MICRO VESSEL CLIPS



065145

CATALOG #	DESCRIPTION
065125	Angled blade, 1 x 5 mm
065145	Curved blade, 1 x 6 mm

TEMPORARY OCCLUSION CLIPS



065108

CATALOG #	DESCRIPTION
065108	7 x 2 mm blade
065109	12 x 2 mm blade

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MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



MICRO VESSEL APPROXIMATOR



065166

CATALOG #	DESCRIPTION
065166	5 x 1 mm blades, 7/16" (11 mm) bar

LOUISVILLE MICRO VESSEL APPROXIMATOR WITH CLIPS



065172

With suture staying frame.

CATALOG #	DESCRIPTION
065172	1.5 x 8 mm blades, 1/2" (12.5 mm) bar
065173	1 x 5 mm blades, 7/16" (11 mm) bar

MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



MICRO VESSEL APPROXIMATORS



065170

CATALOG #	DESCRIPTION
065165	1.5 x 7.5 mm blades, 1/2" (12.5 mm) bar
065170	1.5 x 7.5 mm blades, 3/4" (19 mm) bar

ULNAR RADIAL APPROXIMATOR



065190

CATALOG #	DESCRIPTION
065190	12 x 12 mm blades, 1" (25.5 mm) bar

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MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



BRACHIAL LARGE VESSEL APPROXIMATORS



065195

CATALOG #	DESCRIPTION
065195	14 mm uniform blades, 1" (25.5 mm) bar
065196	14 mm tapered blades, 1" (25.5 mm) bar

BRACHIAL LARGE VESSEL CLIPS



065110

CATALOG #	DESCRIPTION
065110	24 mm straight blade
065111	24 mm tapered blade

VAN BEEK NERVE APPROXIMATORS



065151

CATALOG #	DESCRIPTION
065151	For median ulna nerves, 15 mm blade, 1" (25.5 mm) bar, 28 Ga. needles
065152	10 mm blade, 5/8" (16 mm) bar

VASOVASOSTOMY APPROXIMATOR



065181

CATALOG #	DESCRIPTION
065181	12 mm blades with serrated 2 mm cups, 3/4" (19 mm) bar

MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



APPROXIMATION CLAMP



KM44030

CATALOG #	DESCRIPTION
KM44030	Without suture holding frame, 1/2" (12.5 mm)

MICRO CLAMP APPLICATOR



KM44028

For Approximation Clamp KM44030.

CATALOG #	DESCRIPTION
KM44028	5-1/2" (14 cm)

KLEINERT-KUTZ MICRO CLIP APPLYING FORCEPS



065155

CATALOG #	DESCRIPTION
065155	2-1/2" (6.5 cm)

RIZZUTI ANGLED MICRO CLIP APPLYING FORCEPS



065175

Applier opens approximator simultaneously or individually.

CATALOG #	DESCRIPTION
065175	5-1/2" (14 cm)

MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



MICHEL SKIN CLIPS



151228

CATALOG #	DESCRIPTION
151228	18 mm, nickel silver, package of 100

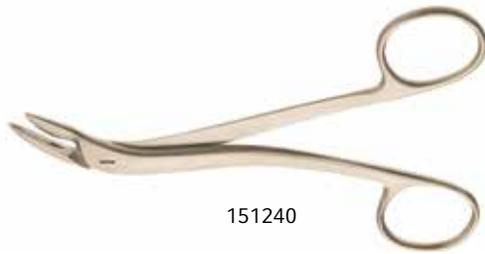
MICHEL CLIP APPLYING FORCEPS



KM42254

CATALOG #	DESCRIPTION
KM42254	5" (12.5 cm)

RICHTER HEATH CLIP FORCEPS



151240

Removing forceps.

CATALOG #	DESCRIPTION
151240	5-1/2" (14 cm)

MICHEL CLIP FORCEPS



151210

Applying and removing forceps.

CATALOG #	DESCRIPTION
151210	4-3/4" (12 cm)

MICRO CLIPS AND APPLIERS

Temporary Vessel Clips



WACHENFELDT CLIP APPLYING AND REMOVING FORCEPS



KM42256

CATALOG #	DESCRIPTION
KM42256	5" (12.5 cm)
KM42258	Cross-action, 5" (12.5 cm)



KM42258

MICRO CLIP TRAY



065199

CATALOG #	DESCRIPTION
065199	1-3/4" x 2-3/4" x 1/2" (4.5 x 7 x 1.5 cm)

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INSTRUMENT ACCESSORIES

Containers and Trays



1 MM FINE PERFORATED CASES



087702

CATALOG #	DESCRIPTION
087702	Micro perforated utility case with sliding micro perforated lid, 3-1/2" x 3-1/2" x 3/4"

ALUMINUM UTILITY CASES



087750

Case includes lid and ultrasoft, silicon mat. Five-year warranty against defects in materials and workmanship.

CATALOG #	DESCRIPTION
087747	4" x 8" x 3/4"
087748	8-1/4" x 12-1/4" x 1"
087749	8" x 14" x 1"
087750	10" x 6" x 1"

INSTRUMENT ACCESSORIES

Containers and Trays



MICRO INSTRUMENT TRAYS



429601

Nylon coated and autoclavable. Stainless steel, with silicone racks. Perforated on top and bottom.

CATALOG #	DESCRIPTION
429594	Color coded blue, 8" x 12-1/2" (20.5 x 31.5 cm)
429601	Color coded beige, 10-1/2" x 15" (26.5 x 38 cm)

DILATOR INSTRUMENT TRAYS



355286



355291

CATALOG #	DESCRIPTION
355286	DeBakey® Dilator Tray for 355285 (pg. 769), tray only, small, 5-3/4" x 9-1/4" x 3/4", holds 12 dilators
355291	DeBakey® Dilator Tray for 355290 (pg. 769), tray only, large, 5-3/4" x 16-3/4" x 3/4", holds 12 dilators

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INSTRUMENT ACCESSORIES

Containers and Trays



POLYSULFONE TRAYS



508002



508004

Polysulfone with lid. With silicone finger mat.

CATALOG #	DESCRIPTION
508002	9-1/2 x 5-1/2 x 2-1/2" (24 x 14 x 6.5 cm)
508004	9 x 13 x 3-1/4" (23 x 33 x 8 cm)
521185	11 x 7 x 2" (28 x 18 x 5 cm)
521186	10 x 8-1/2 x 2-3/4" (25.5 x 22 x 7 cm)
521187	17 x 7-1/2 x 2-1/4" (43.5 x 19 x 6 cm)



521185

FLASH TRAYS



806024

CATALOG #	DESCRIPTION
806024	10" x 6-1/2" x 2-1/2" (25.5 x 16.5 x 6.5 cm)
806098	9" x 5" x 2" (23 x 12.5 x 5 cm)

SAFETY HANDLE



806026

Use with Flash Trays, 806024 and 806098.

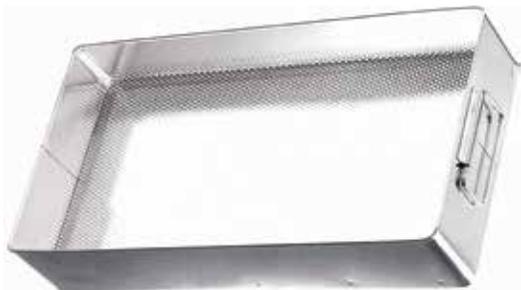
CATALOG #	DESCRIPTION
806026	10-1/8" (25.5 cm)

INSTRUMENT ACCESSORIES

Containers and Trays



TRAYS



850360

Trays with handles and perforated bottoms.

CATALOG #	DESCRIPTION
850350	10-3/8" x 10" x 3" (26.3 x 25.4 x 7.6 cm)
850355	10-3/8" x 15" x 3" (26.3 x 38.1 x 7.6 cm)
850360	10-3/8" x 20" x 3" (26.3 x 50.8 x 7.6 cm)
101050	10" x 6-1/2" x 2-1/2" (25.5 x 16.5 x 6.5 cm), mesh bottom
101054	13" x 20-1/4" x 3-1/2" (33 x 51.5 x 9 cm), mesh bottom
101061	9-1/4" x 6-1/2" x 3/4" (23.5 x 16.5 x 2 cm), perforated bottom

REPLACEMENT TRAY HANDLE



850345

CATALOG #	DESCRIPTION
850345	Replacement handle for use with Weck® Special Trays (850325, 850330, 850340)

MULTIPURPOSE STAINLESS STEEL TRAYS



806040

Removable locking lid stores easily under tray during use.

CATALOG #	DESCRIPTION
806034	Stainless steel tray with lid, 3-1/4" x 7" x 1-3/4" (8.5 x 18 x 4.5 cm)
806040	Stainless steel tray with lid, 6" x 30" x 3-1/2"
806048	Stainless steel tray with lid, 15" x 10-1/2" x 3-1/2"
806050	Stainless steel tray with lid, 20" x 10-1/2" x 3-1/2"
806052	Stainless steel tray with lid, 20-1/4" x 13" x 3-1/2"

INSTRUMENT ACCESSORIES

Containers and Trays



INSTRUMENT TRAY



101075

This stainless steel tray is designed to accommodate all of the component parts of our Wishbone, Bariatric, Poly-Tract Full Abdominal or Upper Abdominal Retractor Systems, or a set or two of our bougies.

CATALOG #	DESCRIPTION
101075	Includes lid, 32" x 7" x 7" (81 x 18 x 18 cm)

HIGH MAYO PERFORATED TRAYS



806070

CATALOG #	DESCRIPTION
806068	9" x 5" x 1-3/4" (23 x 12.5 x 4.5 cm)
806070	10" x 6-1/2" x 2" (25.5 x 16.5 x 5 cm)
806072	12-3/4" x 10-1/2" x 2-3/4" (31.5 x 26.5 x 7 cm)
806074	12-1/4" x 7-3/4" x 2" (31 x 19.5 x 5 cm)
806076	16-1/2" x 10" x 2-1/2" (42 x 25.5 x 6.5 cm)
806078	20-3/4" x 12-3/4" x 2-1/2" (52.5 x 32.5 x 6.5 cm)
806079	TRAY CSSD SS WASHERS SIDES X4 10X10X3IN
806080	TRAY CSSD SS WASHERS SIDES X4 20X10X3IN
806081	TRAY CSSD WASHERS SS SIDES X4 10 X 10 X 1.5 INCH INNER
806082	TRAY CSSD WASHER SS SIDES X4 10X10X1.5IN
806083	TRAY SS FINISH SHINY 240X165X35MM
806084	TRAY SS FINISH SHINY 310X250X40MM

INSTRUMENT TRAYS



960364

CATALOG #	DESCRIPTION
960364	12-1/4" x 7-3/4" x 2" (31 x 19.5 x 5 cm)

MAYO TRAYS



471210

Solid bottom.

CATALOG #	DESCRIPTION
471185	Tray 9" x 5" x 2" (23 x 12.5 x 5 cm)
471210	Tray 15-1/8" x 10-1/2" x 5/8" (38.5 x 26.5 x 1.5 cm)
471175	Tray 16-1/2" x 10" x 2-1/2" (42 x 25.5 x 6.5 cm)
471215	Tray 17-1/8" x 11-5/8" x 5/8" (43.5 x 29.5 x 1.5 cm)

INSTRUMENT ACCESSORIES

Containers and Trays



PERFORATED MAYO TRAYS



806064

Perforated bottom.

CATALOG #	DESCRIPTION
806058	13-3/4" x 9-3/4" x 1/2" (35 x 24.5 x 1 cm)
806060	15" x 10-1/2" x 3/4" (38 x 26.5 x 2 cm)
806062	17" x 11-5/8" x 1/2" (43 x 29.5 x 1 cm)
806064	19" x 12-3/4" x 3/4" (48 x 32.5 x 19 cm)
806066	21-1/4" x 16-1/4" x 3/4" (54 x 41 x 19 cm)

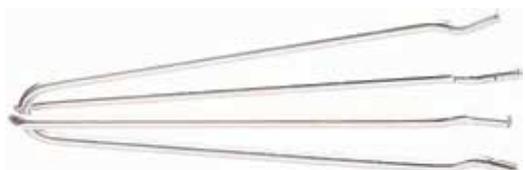
SILICONE MATS



087396

CATALOG #	DESCRIPTION
087403	Ultrasoft spike mat, 11" x 11"
087419	Ultrasoft spike mat, 11" x 16"
087420	Ultrasoft spike mat, 11" x 20-1/4"
087396	Ultrasoft spike mat, 11" x 22"
087405	Ultrasoft spike mat, 13" x 20-1/4"
720000M	For Pilling® Laparoscopic Instrument Tray 720000 (pg. 1149)
720001M	For Pilling® Laparoscopic Instrument Tray 720001 (pg. 1143)

PATE TRAY POSTS



850310

CATALOG #	DESCRIPTION
850310	Special posts to hold instruments in Weck® Special Trays (850325, 850330, 850340), package of a dozen

CASE & TRAY SOLUTIONS

Organize, Protect, Store and Deliver Your Surgical Instruments.



QUALITY & DURABILITY

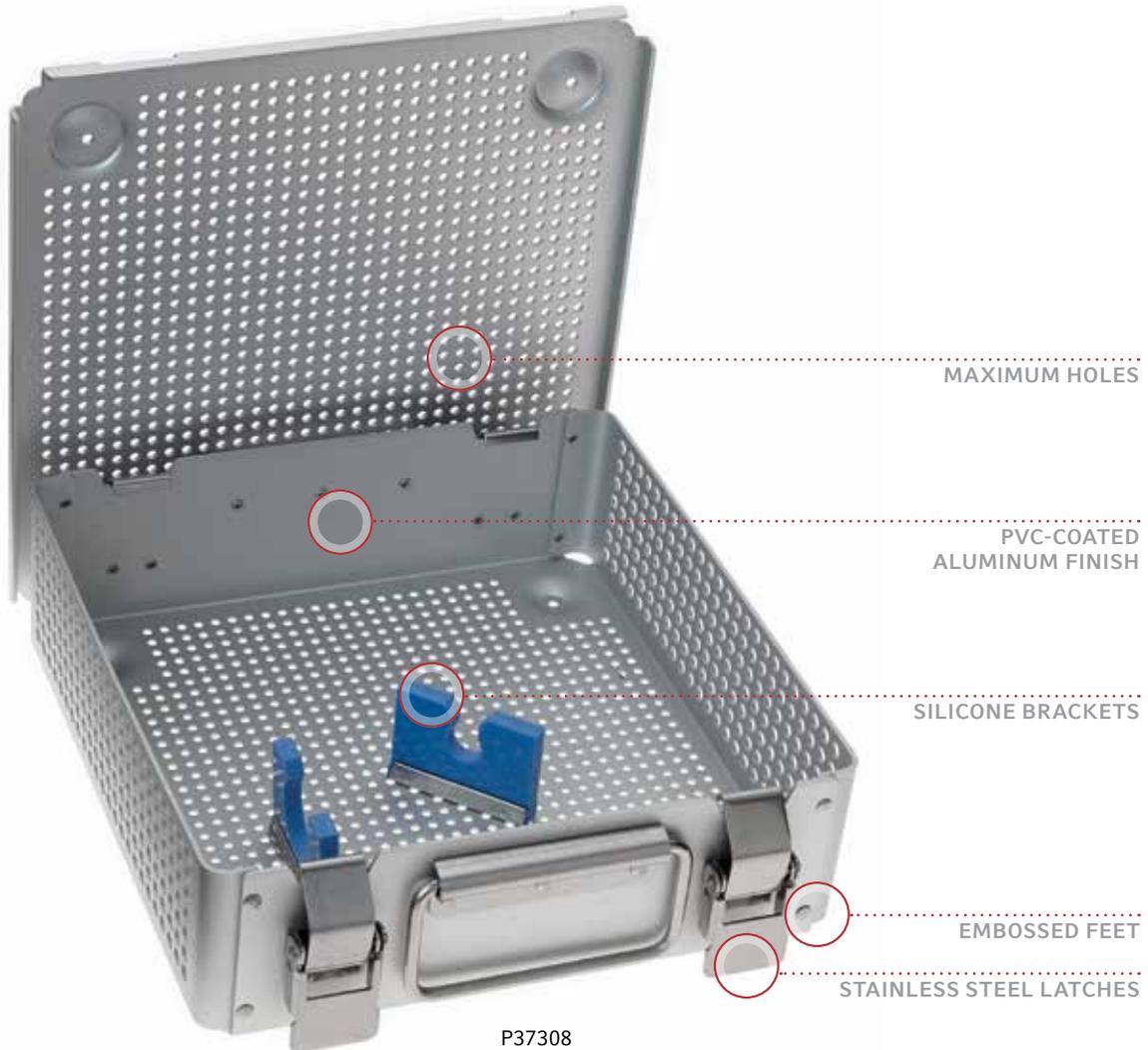
- Embossed feet will not break, fall off, tear, warp or hang up on wire racks
- Tough and resilient silicone brackets with stainless steel channel
- Strong stainless steel latches remain functional for years
- PVC-coated aluminum provides a smoother "satin-like" finish on all anodized metal parts – instead of a heavy grain finish

CUSTOMIZABLE WITH SILICONE BRACKETS AND ACCESSORIES

- Customize trays with available accessories to accommodate various instrument geometries

PROCESSING FUNCTIONALITY

- Maximum holes results in a lighter instrument case
- Maximum sterilant penetration
- Improved drainage

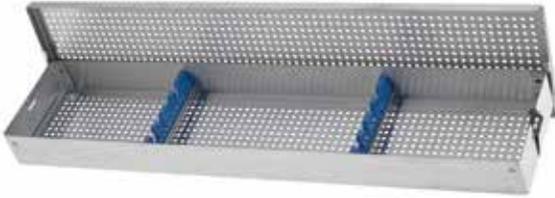


INSTRUMENT ACCESSORIES

Case and Tray Solutions



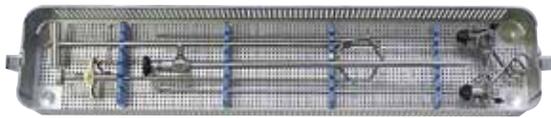
SCOPE CASE



P37314

CATALOG #	DESCRIPTION
P37314	For 2 - 4 scopes, with brackets, ext. size: 4" x 17-1/2" x 1-1/2" (10 x 44.5 x 4 cm) int. size: 3.57" x 17.19" x 1.35" (9 x 43.5 x 3.5 cm)

SCOPE CASE



P37319

CATALOG #	DESCRIPTION
P37319	For up to 5 scopes/instruments, with brackets, ext. size: 6-1/2" x 31" x 3" (16.5 x 78.5 x 7.5 cm) int. size: 6" x 30" x 2.5" (15 x 76 x 6.5 cm)



SCOPE CASES



P37318

CATALOG #	DESCRIPTION
P37310	Without brackets, ext. size: 3" x 11" x 2-1/2" (7.5 x 28 x 6.5 cm) int. size: 2.93" x 10.93" x 2.5" (7.5 x 28 x 6.5 cm)
P37311	Without brackets, ext. size: 3" x 18" x 2-1/2" int. size: 2.93" x 17.93" x 2.46" (7.5 x 45.5 x 6 cm)
P37318	For single bariatric scope, with brackets, ext. size: 3-1/2" x 26" x 3-1/2" (9 x 66 x 9 cm)
P37312	Two levels, with brackets, and camera and light cord compartments, ext. size: 9" x 20" x 4" (23 x 51 x 10 cm) int. size: 8.47" x 18.68" x 3.55" (21.5 x 47.5 x 9 cm)
P37313	Two levels, without brackets or dividers, ext. size: 9" x 20" x 4" (23 x 51 x 10 cm) int. size: 8.47" x 18.68" x 3.55" (21.5 x 47.5 x 9 cm)

INSTRUMENT ACCESSORIES

Case and Tray Solutions



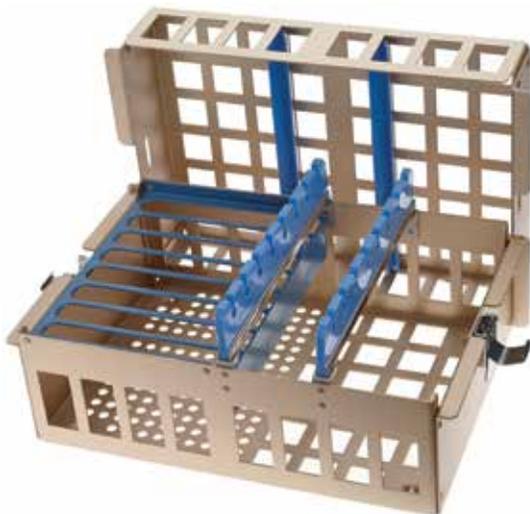
CAMERA AND LIGHT CORD CASES



P37308

CATALOG #	DESCRIPTION
P37308	Camera Case, with brackets, ext. size: 9" x 10" x 3" (23 x 25.5 x 7.5 cm) int. size: 8.47" x 8.68" x 2.55" (21.5 x 22 x 6.5 cm)
P37309	Light Cord Case, ext. size: 9" x 9" x 1-1/2" (23 x 23 x 4 cm) int. size: 8.57" x 8.72" x 1.18" (22 x 22 x 3 cm)

FORCEPS CASES



P37327

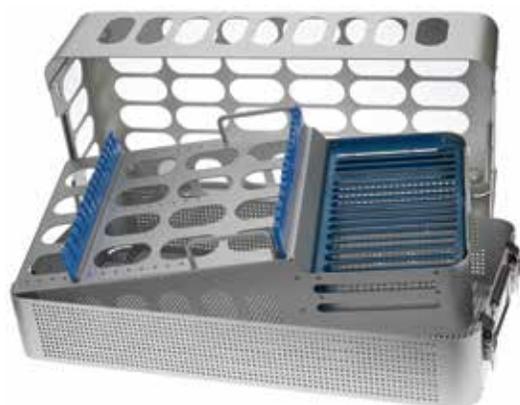
CATALOG #	DESCRIPTION
P37327	Holds up to 8 rongeurs, designed for size 4 & 5 handles with handle guide, ext. size: 9" x 13" x 6" (23 x 33 x 15 cm) int. size: 8.59" x 12.09" x 5.84" (22 x 30.5 x 15 cm)
P37328	For up to 16 arthroscopic and/or sinus forceps interlacing 8 forceps in each direction, ext. size: 9" x 15" x 5" (23 x 38 x 12.5 cm) int. size: 8.59" x 13.84" x 4.84" (22 x 35 x 12.5 cm)

INSTRUMENT ACCESSORIES

Case and Tray Solutions



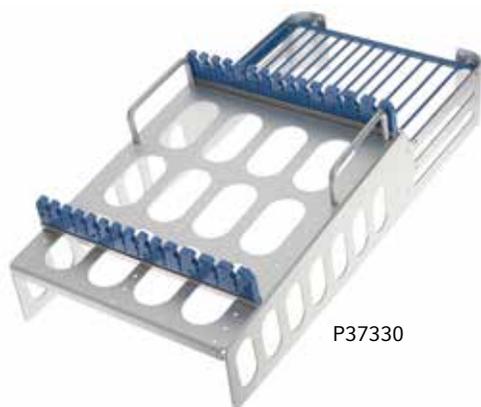
TWO-LEVEL LAP CHOLE CASES



P37316

CATALOG #	DESCRIPTION
P37316	With insert and brackets for up to 13-1/2" (35 cm) instruments, ext. size: 11" x 23" x 8" (28 x 58.5 x 20.5 cm) int. size: 10.7" x 21.62" x 7.66" (27 x 55 x 19.5 cm)
P37317	With insert and brackets for up to 26" (65 cm) instruments, ext. size: 11" x 27" x 8" (28 x 68.5 x 20.5 cm) int. size: 10.7" x 25.62" x 7.66" (27 x 65 x 19.5 cm)

LAP CHOLE INSTRUMENT INSERTS



P37330



P37872

CATALOG #	DESCRIPTION
P37329	Holds 14 instruments, 8" A-type container ext. size: 9-1/2" x 20" x 5-1/2", fits P37316 and P37317
P37330	Holds 14 instruments ext. size: 9-1/2" x 20" x 5-1/2", fits P37316 and P37317
P37872	Holds 14 instruments ext. size: 9.9" x 19-1/2" x 4.9", fits P37316 and P37317

INSTRUMENT ACCESSORIES

Case and Tray Solutions



MICROSURGICAL CASES



P37320



P37324

CATALOG #	DESCRIPTION
P37321	Single-level, with pin mat, retainers, ext. size: 10-1/2" x 10-1/2" x 1-1/2" (26.5 x 26.5 x 4 cm) int. size: 9.84" x 10.2" x 1.23" (25 x 26 x 3 cm)
P37322	Single-level, with pin mat, retainers, ext. size: 10-1/2" x 15" x 1-1/2" (26.5 x 38 x 4 cm) int. size: 9.84" x 14.68" x 1.23" (25 x 37.5 x 3 cm)
P37320	Two levels, with pin mat, retainers, ext. size: 10-1/2" x 10-1/2" x 2-1/2" (26.5 x 26.5 x 6.5 cm) int. size: 9.84" x 10.2" x 2.32" (25 x 26 x 6 cm)
P37323	Two levels, with pin mat, retainers and long tray/half height accessory area, ext. size: 10-1/2" x 15" x 2-1/2" (26.5 x 38 x 6.5 cm) int. size: 9.84" x 14.6" x 2.32" (25 x 37 x 6 cm)
P37325	Two levels, with pin mat, retainers and long tray/half height accessory area, ext. size: 10-1/2" x 19-1/2" x 2-1/2" (26.5 x 49.5 x 6.5 cm) int. size: 9.84" x 19" x 2.32" (25 x 48.5 x 6 cm)
P37324	Two levels, with pin mat, retainers and short tray/full height accessory area, ext. size: 10-1/2" x 15" x 2-1/2" (26.5 x 38 x 6.5 cm) int. size: 9.84" x 14.6" x 2.32" (25 x 37 x 6 cm)
P37326	Two levels, with pin mat, retainers and short tray/full height accessory area, ext. size: 10" x 19-1/2" x 2-1/2" (25.5 x 49.5 x 6.5 cm) int. size: 9.84" x 19" x 2.32" (25 x 48.5 x 6 cm)

OSTEOTOME CASE



P37335

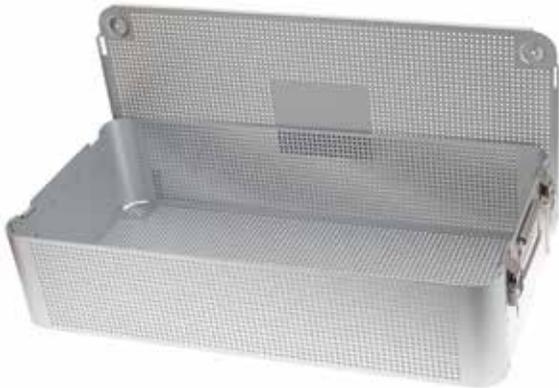
CATALOG #	DESCRIPTION
P37335	For curved and straight Lambottes, ext. size: 9" x 11-1/2" x 3" (23 x 29 x 7.5 cm) int. size: 8.57" x 11.12" x 2.38" (22 x 28 x 6 cm)

INSTRUMENT ACCESSORIES

Case and Tray Solutions



SURGICAL CASES AND TRAYS



P37332

CATALOG #	DESCRIPTION
P37315	Case without brackets or pin mat, ext. size: 10" x 21-1/2" x 2-1/2" (25.5 x 54.5 x 6.5 cm) int. size: 9.72" x 20.65" x 2.42" (24.5 x 52.5 x 6 cm)
P37331	Case without brackets or pin mat, ext. size: 11" x 23" x 3-1/2" (28 x 58.5 x 9 cm) int. size: 10.7" x 21.62" x 3.41" (27 x 55 x 8.5 cm)
P37304	Case without brackets or pin mat, ext. size: 11" x 27" x 3-1/2" (28 x 68.5 x 9 cm) int. size: 10.88" x 25.62" x 3.41" (27.5 x 65 x 8.5 cm)
P37332	Case without optional trays, support brackets, or pin mat, ext. size: 11" x 23" x 5" (28 x 58.5 x 12.5 cm) int. size: 10.7" x 21.62" x 4.91" (27 x 55 x 12.5 cm)
P37333	Case with optional trays and support brackets, without pin mat, ext. size: 11" x 23" x 5" (28 x 58.5 x 12.5 cm) int. size: 10.7" x 21.62" x 4.91" (27 x 55 x 12.5 cm)
P37334	Case with 2 optional trays and support brackets, without pin mat, ext. size: 11" x 23" x 5" (28 x 58.5 x 12.5 cm) int. size: 10.7" x 21.62" x 4.91" (27 x 55 x 12.5 cm)
P37338	Tray, 10-1/2" x 21-1/2" x 2-1/4" (26.5 x 54.5 x 5.5 cm)
P37419	Tray, 10-1/2" x 21-1/2" x 2" (26.5 x 54.5 x 5 cm)

SURGICAL UTILITY CASES

CATALOG #	DESCRIPTION
P37336	Ext. size: 5" x 10-1/2" x 2" (12.5 x 26.5 x 5 cm) int. size: 4.5" x 10.29" x 1.63" (11.5 x 26 x 4 cm)
P37337	With full pin mat, center lid retainer, ext. size: 5" x 10-1/2" x 2" (12.5 x 26.5 x 5 cm) int. size: 4.5" x 10.29" x 1.53" (11.5 x 26 x 4 cm)

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INSTRUMENT ACCESSORIES

Case and Tray Solutions



ACCESSORY BOXES



P37305

CATALOG #	DESCRIPTION
P37305	With hardware, ext. size: 1-1/2" x 3-1/2" x 1" (4 x 9 x 2.5 cm) int. size: 1.44" x 3.16" x 1" (3.5 x 8 x 2.5 cm)
P37593	Without hardware, ext. size: 1-1/2" x 3-1/2" x 1" (4 x 9 x 2.5 cm) int. size: 1.44" x 3.16" x 1" (3.5 x 8 x 2.5 cm)

"L" BRACKETS



P37545

CATALOG #	DESCRIPTION
P37545	"L" brackets to support trays

INSTRUMENT ACCESSORIES

Case and Tray Solutions



SS RISER BRACKET



P37564

CATALOG #	DESCRIPTION
P37564	Used to elevate single wide brackets from the case floor, 0.5" x 1.5"

UNIVERSAL BRACKETS



P37339

CATALOG #	DESCRIPTION
P37358	5" long, 6 position
P37544	7.5" long, 6 position
P37339	7.5" long, 10 position
P37341	9.25" long, 14 position
P37306	10" long, 15 position

SLOTTED "U" BRACKETS



P37344

CATALOG #	DESCRIPTION
P37424	(2 mm) 1.0"
P37346	(3 mm) 1.0"
P37425	(4 mm) 1.0"
P37347	(5 mm) 1.0"
P37426	(6 mm) 1.0"
P37348	(7 mm) 1.0"
P37349	(10 mm) 1.0"
P37350	(12 mm) 1.0"
P37420	(2 mm) 1.5"
P37421	(3 mm) 1.5"
P37342	(4 mm) 1.5"
P37422	(5 mm) 1.5"
P37423	(6 mm) 1.5"
P37343	(7 mm) 1.5"
P37344	(10 mm) 1.5"
P37345	(12 mm) 1.5"

INSTRUMENT ACCESSORIES

Case and Tray Solutions



PASS THRU BRACKETS



P37356

CATALOG #	DESCRIPTION
P37355	(6 mm) 1.0"
P37429	(7 mm) 1.0"
P37430	(9 mm) 1.0"
P37356	(10 mm) 1.0"
P37357	(12 mm) 1.0"
P37487	(13 mm) 1.0"
P37351	(6 mm) 1.5"
P37352	(7 mm) 1.5"
P37427	(9 mm) 1.5"
P37353	(10 mm) 1.5"
P37354	(12 mm) 1.5"
P37428	(13 mm) 1.5"

KEYHOLE BRACKETS



P37377

CATALOG #	DESCRIPTION
P37432	(2 mm) 1.0"
P37433	(3 mm) 1.0"
P37383	(4 mm) 1.0"
P37384	(5 mm) 1.0"
P37486	(6 mm) 1.0"
P37385	(7 mm) 1.0"
P37387	(10 mm) 1.0"
P37388	(12 mm) 1.0"
P37389	(13 mm) 1.0"
P37431	(2 mm) 1.5"
P37372	(3 mm) 1.5"
P37373	(4 mm) 1.5"
P37485	(5 mm) 1.5"
P37374	(6 mm) 1.5"
P37375	(7 mm) 1.5"
P37376	(10 mm) 1.5"
P37377	(12 mm) 1.5"
P37378	(13 mm) 1.5"
P37379	(15 mm) 1.5"
P37380	(19 mm) 1.5"
P37381	(22 mm) 1.5"
P37382	(25 mm) 1.5"
P37390	(3 tier 10/5/3 mm) 1.5"

INSTRUMENT ACCESSORIES

Case and Tray Solutions



V-SILICONE RETAINERS



P37361

CATALOG #	DESCRIPTION
P37361	9.5"
P37435	14.25"
P37436	18.25"

PIN MATS



P37437

CATALOG #	DESCRIPTION
P37437	1" x 4.5"
P37447	1" x 9.63"
P37448	1" x 14.25"
P37449	1" x 18"
P37450	1.5" x 4.5"
P37451	1.5" x 7.13"
P37452	1.5" x 9.12"
P37453	1.5" x 9.63"
P37455	1.5" x 14.25"
P37456	1.5" x 18"
P37457	3.4" x 10.12"
P37391	3.45" x 16.88"
P37454	4.25" x 9.75"
P37392	4.25" x 10.12"
P37401	5" x 10.12"
P37402	5.75" x 10.12"
P37400	6.5" x 10.12"
P37399	6.75" x 10.12"
P37403	6.75" x 17.5"
P37393	8.12" x 8.56"
P37394	8.25" x 18"
P37397	9.5" x 9.5"
P37395	9.63" x 14.13"
P37396	9.63" x 18"
P37398	10.12" x 18"
P37404	13.13" x 18.25"
P37458	Snaps for Pin Mats, 0.187", set of 4

INSTRUMENT ACCESSORIES

Bowls



EMESIS BASINS



471100

CATALOG #	DESCRIPTION
471100	8-1/8" x 4-3/8" (20.5 cm x 11 cm)
471105	10" x 5-5/8" (25 cm x 14.5 cm)

MEDICINE CUP



471115

CATALOG #	DESCRIPTION
471115	2 oz. (60 mL), 2" diameter x 2" deep (5.1 x 5.1 cm)

IODINE CUP



471120

CATALOG #	DESCRIPTION
471120	Holds 6 oz. (177 mL)

SPONGE BOWLS



471135

CATALOG #	DESCRIPTION
471125	4-3/4" top diameter x 2" deep (12 x 5 cm), total capacity 12 oz. (360 mL)
471130	5" top diameter x 2-1/4" deep (12.5 x 5.7 cm), total capacity 18 oz. (540 mL)
471135	5-3/4" top diameter x 2-1/2" deep (14.5 x 6.5 cm), total capacity 30 oz. (900 mL)
471140	6-3/8" top diameter x 2-3/4" deep (16 x 7 cm), total capacity 46 oz. (1380 mL)

INSTRUMENT ACCESSORIES

Trays & Bowls



SPONGE BOWLS



471145

CATALOG #	DESCRIPTION
471145	BOWL, STAINLESS STEEL, 100 CC, FINISH SHINY, 80 X 35MM
471146	BOWL, STAINLESS STEEL, 300 CC, FINISH SHINY, 100 X 60MM
471147	BOWL, STAINLESS STEEL, 500 CC, FINISH SHINY, 120 X 70MM
471148	BOWL, STAINLESS STEEL, 750 CC, FINISH SHINY, 150 X 60MM

STERILIZING WIRE MESH BASKET



471136

CATALOG #	DESCRIPTION
471136	BASKET STAINLESS STEEL CSSD WASHERS MESH 10X10X3IN
471137	BASKET STAINLESS STEEL CSSD WASHERS MESH 20X10X3IN
471138	BASKET STAINLESS STEEL CSSD WASHERS MESH 21X10X1.5IN
471139	BASKET STAINLESS STEEL CSSD WASHERS MESH 10X10X1.5IN
471141	BASKET, WIRE, FOR STERILIZATION CONTAINER SYSTEM, SIZE 485 X 257 X 100 MM
471142	BASKET, WIRE, FOR STERILIZATION CONTAINER SYSTEM, SIZE 485 X 257 X 50 MM

STERILIZING WIRE MESH BASKET WITH LID



471143

CATALOG #	DESCRIPTION
471143	BASKET, STAINLESS STEEL, FOR CSSD WASHER, WITH SECURE LID MESH TOP AND BOTTOM SOLID SIDES "LAP TOP", 18 X 14 X 3 CM
471144	BASKET, STAINLESS STEEL, FOR CSSD WASHER, WITH SECURE LID MESH TOP AND BOTTOM SOLID SIDES "LAP TOP", 23 X 18 X 3 CM



ACHERON

INSTRUMENT ACCESSORIES

Instrument Holders and Stringers



THOMPSON THORACIC INSTRUMENT HOLDER



343395

This instrument table is easily attached to standard operating table and provides convenient space for instruments in use. This could eliminate the separate and less steady floor-mounted Mayo stand. Complete with Rail Clamps (343393).

CATALOG #	DESCRIPTION
343395	

RAIL CLAMPS



343393

CATALOG #	DESCRIPTION
343393	1 pair

0 in

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INSTRUMENT ACCESSORIES

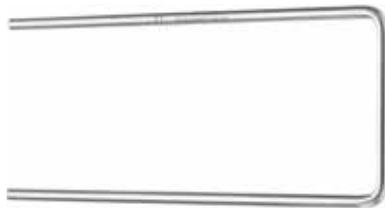
Instrument Holders and Stringers



INSTRUMENT STRINGERS



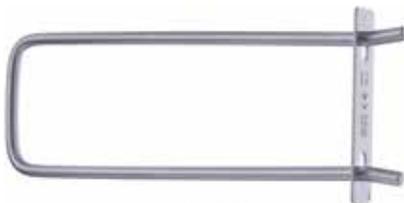
087531



087550



087561



166870



840200



840210



840221

CATALOG #	DESCRIPTION
087531	Posilok single link instrument holder, 8" x 2-3/4"
087532	Posilok single link instrument holder, 10" x 2-3/4"
087533	Posilok single link instrument holder, 12" x 2-3/4"
087550	Instrument stringer, 6"
087552	Instrument stringer, 10"
087559	E-Z lock double lock hinge bar, connects in middle, 8" x 2-3/4"
087561	E-Z lock double lock hinge bar, connects in middle, 12" x 2-3/4"
166868	Lahey instrument holder, 6" (15 cm)
166870	Lahey instrument holder, 8" (20.5 cm)
166872	Lahey instrument holder, 10" (25.5 cm)
166874	Lahey instrument holder, 12" (30.5 cm)
166876	Lahey instrument holder, 14" (35.5 cm)
840200	Worcester instrument holder, 12-5/8" x 4-1/2"
840210	Weinstein instrument holder, 8" x 2-1/2"
840215	Weinstein instrument holder, 10" x 2-1/2"
840221	Instrument holder, 6"
840222	Instrument holder, 12"

INSTRUMENT ACCESSORIES

Instrument Holders and Stringers



INSTRUMENT STRINGER



806122

CATALOG #	DESCRIPTION
806122	2-3/4" x 8" (7 x 20.5 cm)

INSTRUMENT HOLDERS



166851

CATALOG #	DESCRIPTION
166851	Instrument holder with clasp lock, 8" (20.5 cm)
166853	Instrument holder with clasp lock, 10" (25.5 cm)
166855	Instrument holder with clasp lock, 12" (30.5 cm)
166857	Instrument holder with clasp lock, 14" (35.5 cm)
166859	Instrument holder with clasp lock, 16" (40.5 cm)
166861	Instrument holder with clasp lock, 18" (45.5 cm)

BUNT FORCEPS HOLDER



KM39670

CATALOG #	DESCRIPTION
KM39670	

INSTRUMENT ACCESSORIES

Instrument Holders and Stringers



INSTRUMENT RACK



840220

CATALOG #	DESCRIPTION
840220	3" (7.5 cm) posts

-RACKS

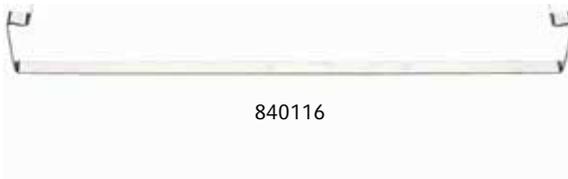


840100

Includes 6, 9 or 12 separator clips, 1 security rod, 1 retainer clip.

CATALOG #	DESCRIPTION
840100	12-1/8" (31 cm)
840105	15-1/8" (38.5 cm)
840110	18-1/8" (46 cm)

RACK RETAINER CLIPS



840116

Replacement retainer clip.

CATALOG #	DESCRIPTION
840116	11" (28 cm)
840117	14-3/8" (36.5 cm)
840118	17" (43 cm)

INSTRUMENT ACCESSORIES

Instrument Holders and Stringers



RACK SECURITY RODS



840111

Replacement security rod.

CATALOG #	DESCRIPTION
840111	11-3/4" (30 cm)
840112	14-3/4" (37.5 cm)
840113	17-3/4" (45 cm)

RACK SEPARATOR CLIPS



840114

Replacement separator clips.

CATALOG #	DESCRIPTION
840114	Package of 6

Cleaners and Lubricants

CANNULA CLEANERS



850500

Clean bronchoscopes, laryngoscopes, laparoscopes and suction tubes.

CATALOG #	DESCRIPTION
850500	1/8", 50 ft. coil
850502	3/16", 50 ft. coil

0 in

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Acheron Instruments

FLOOR GRADE INSTRUMENTS

Forceps



IN-EX ADSON DRESSING FORCEPS



101149

CATALOG #	DESCRIPTION
101149	Serrated, 4-3/4" (12 cm), 12 per box

IN-EX ADSON TISSUE FORCEPS



101150

CATALOG #	DESCRIPTION
101150	1 x 2 teeth, 4-3/4" (12 cm), 12 per box

IN-EX THUMB FORCEPS



101148

CATALOG #	DESCRIPTION
101147	Serrated, 5-1/2" (14 cm), 12 per box
101148	1 x 2, 5-1/2" (14 cm), 12 per box

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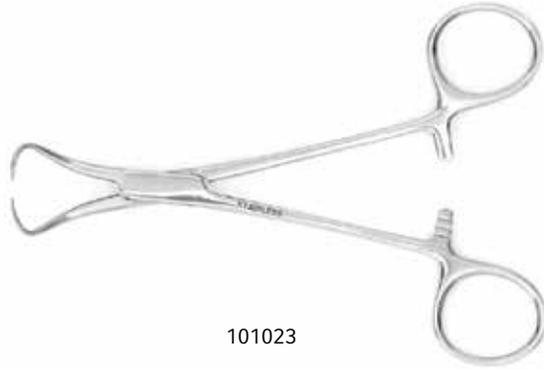
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FLOOR GRADE INSTRUMENTS

Forceps



IN-EX BACKHAUS TOWEL CLAMPS



101023

CATALOG #	DESCRIPTION
101022	3-1/2" (9 cm), 12 per box
101023	5-1/4" (13.5 cm), 12 per box

IN-EX EDNA TOWEL CLAMP



101028

CATALOG #	DESCRIPTION
101028	5-3/8" (13.5 cm), 12 per box

IN-EX HOFF TOWEL CLAMP



101024

CATALOG #	DESCRIPTION
101024	Non-perforating, 5-3/4" (14.5 cm), 12 per box

FLOOR GRADE INSTRUMENTS

Forceps



IN-EX SPONGE FORCEPS



101151

CATALOG #	DESCRIPTION
101152	Ballenger, serrated, 7-1/4" (18.5 cm), 12 per box
101151	Foerster, serrated, 9-3/4" (25 cm), 12 per box

IN-EX HALSTED MOSQUITO FORCEPS



101010

CATALOG #	DESCRIPTION
101010	Straight, 5" (12.5 cm), 12 per box
101011	Curved, 5" (12.5 cm), 12 per box

IN-EX CRILE FORCEPS



101016

CATALOG #	DESCRIPTION
101016	Straight, 5-1/2" (14 cm), 12 per box
101017	Curved, 5-1/2" (14 cm), 12 per box

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FLOOR GRADE INSTRUMENTS

Forceps



IN-EX KELLY FORCEPS



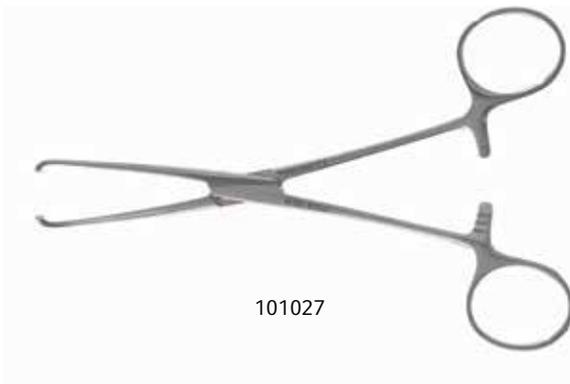
CATALOG #	DESCRIPTION
101012	Straight, 5-1/2" (14 cm), 12 per box
101013	Curved, 5-1/2" (14 cm), 12 per box

IN-EX ROCHESTER-PEAN FORCEPS



CATALOG #	DESCRIPTION
101014	Straight, 6-1/2" (16.5 cm), 12 per box
101015	Curved, 6-1/2" (16.5 cm), 12 per box

IN-EX ALLIS TISSUE FORCEPS



CATALOG #	DESCRIPTION
101027	4 x 5 teeth, 6-1/4" (16 cm), 12 per box

FLOOR GRADE INSTRUMENTS

Forceps



IN-EX BOZEMAN UTERINE DRESSING FORCEPS



101033

CATALOG #	DESCRIPTION
101033	Straight, 10" (25.5 cm)
101034	Curved, 10-3/8" (26.5 cm)

Needle Holders

IN-EX BAUMGARTNER NEEDLE HOLDER



101032

CATALOG #	DESCRIPTION
101032	12.5 x 2.7 mm jaw, 5-1/2" (14 cm), 12 per box

IN-EX WEBSTER NEEDLE HOLDER



101031

CATALOG #	DESCRIPTION
101031	15.5 x 1.7 mm smooth jaw, 5" (12.5 cm), 12 per box

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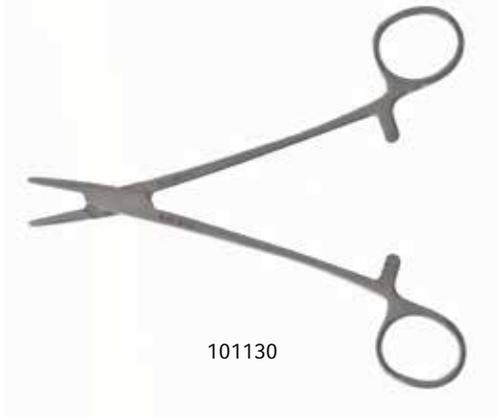
9

FLOOR GRADE INSTRUMENTS

Needle Holders



IN-EX MAYO HEGAR NEEDLE HOLDERS



CATALOG #	DESCRIPTION
101130	20 x 2.8 mm jaw, 6-1/2" (16.5 cm), 12 per box
101131	24 x 3 mm jaw, 8" (20.5 cm), 12 per box

Scissors

IN-EX LISTER BANDAGE SCISSORS



CATALOG #	DESCRIPTION
101142	5-3/4" (14.5 cm), 12 per box
101143	7-1/4" (18.5 cm), 12 per box

IN-EX LITTAUER SUTURE SCISSORS



CATALOG #	DESCRIPTION
101146	5-1/2" (14 cm), 12 per box

FLOOR GRADE INSTRUMENTS

Scissors



IN-EX WIRE SCISSORS



101039

CATALOG #	DESCRIPTION
101039	4-3/4" (12 cm), 12 per box

IN-EX IRIS SCISSORS

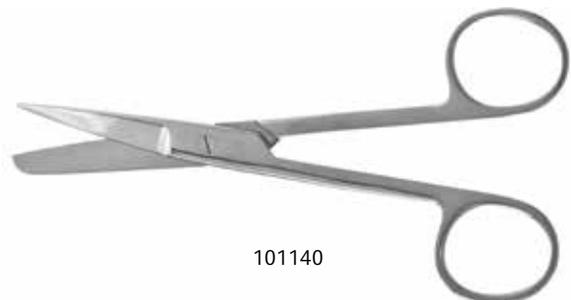


101145

Sharp/Sharp.

CATALOG #	DESCRIPTION
101144	Straight, 4-1/2" (11.5 cm), 12 per box
101145	Curved, 4-1/2" (11.5 cm), 12 per box

IN-EX OPERATING SCISSORS



101140

CATALOG #	DESCRIPTION
101140	Straight, Sharp/Blunt, 5-1/2" (14 cm), 12 per box
101141	Straight, Sharp/Sharp, 5-1/2" (14 cm), 12 per box

0 in

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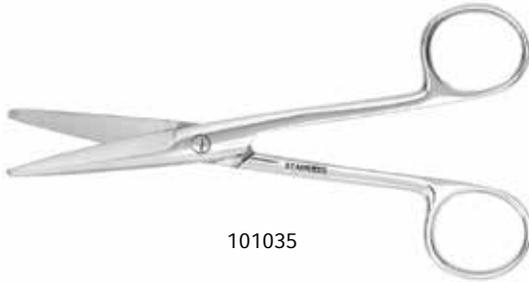
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FLOOR GRADE INSTRUMENTS

Scissors



IN-EX MAYO SCISSORS



101035



101036



101038

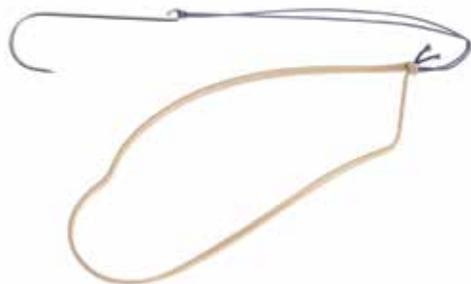
CATALOG #	DESCRIPTION
101035	Straight, 5-1/2" (14 cm), 12 per box
101036	Curved, 5-1/2" (14 cm), 12 per box
101037	Straight, 6-3/4" (17 cm), 12 per box
101038	Curved, 6-3/4" (17 cm), 12 per box

SPECIALTY PRODUCTS

Accessories



"FISH HOOK" NEURO ELASTIC RETRACTORS



382805

CATALOG #	DESCRIPTION
382800	Durahook, 1/4" (6 mm) hook, sterile, single use. 6/pouch, 10 pouches/box
382805	Dermahook, 1/2" (12.5 mm) hook, sterile, single use. 6/pouch, 10 pouches/box

RANEY CLIP APPLYING FORCEPS



658500

CATALOG #	DESCRIPTION
658500	Reusable, 6" (15 cm)

RANEY NYLON CLIPS



658505

CATALOG #	DESCRIPTION
658505	Sterile, single use, 10/pouch, 20 pouches/box

CONTAINER SYSTEMS

Container Systems



NON-PERFORATED CONTAINER BOTTOM



920100



930100



940100

CATALOG #	DESCRIPTION
920100	Small 1/2, 285 x 280 x 135 mm
930100	Medium 3/4, 465 x 280 x 135 mm
940100	Large 1/1, 580 x 280 x 135 mm

PERFORATED CONTAINER LID



920200



930200



940200

Silver.

CATALOG #	DESCRIPTION
920200	Small 1/2, 285 x 280 mm
930200	Medium 3/4, 465 x 280 mm
940200	Large 1/1, 580 x 280 mm

CONTAINER SYSTEMS

Container Systems



PERFORATED TRAY WITH FEET



920300



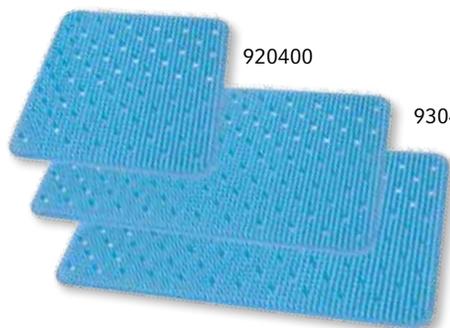
930300



940300

CATALOG #	DESCRIPTION
920300	Small 1/2, 242 x 252 x 110 mm
930300	Medium 3/4, 405 x 252 x 110 mm
930301	Medium 3/4, 405 x 252 x 40 mm
940300	Large 1/1, 539 x 252 x 110 mm
940301	Large 1/1, 539 x 252 x 40 mm

PERFORATED SILICONE MAT



920400

930400

940400

CATALOG #	DESCRIPTION
920400	Small 1/2, 225 x 235 mm
930400	Medium 3/4, 370 x 235 mm
940400	Large 1/1, 500 x 235 mm

CONTAINER SYSTEMS

Accessories



CRADLES AND HOLDERS



970002



970003

CATALOG #	DESCRIPTION
970002	Cradle for Individual Silicone Holder (bag of 4)
970003	Cradle for 4 Silicone Holders (long)
970010	Silicone Holder 8 x 26 x 40 mm, Open
970020	Silicone Holder 8 x 26 x 40 mm, Closed
970030	Silicone Holder 8 x 26 x 40 mm, Closed Barbed



970010



970020



970030

METAL LABELS



CATALOG #	DESCRIPTION
970600	Metal ID Label, Silver
970601	Metal ID Label, Yellow
970602	Metal ID Label, Red
970603	Metal ID Label, Blue
970604	Metal ID Label, Green
970605	Metal ID Label, Black
971000	Metal ID Label, Custom Engrave, Silver*
971001	Metal ID Label, Custom Engrave, Yellow*
971002	Metal ID Label, Custom Engrave, Red*
971003	Metal ID Label, Custom Engrave, Blue*
971004	Metal ID Label, Custom Engrave, Green*
971005	Metal ID Label, Custom Engrave, Black*

*14 characters per line, 2 line maximum

LIGATION SOLUTIONS

Polymer Locking Ligation System



MANUAL LOAD APPLIERS

OPEN APPLIERS

- Open appliers available in Medium, Medium-Large, Large, Extra-Large
- Available in 8" and 11" lengths and curved or right angle jaws
- Opens at box-lock for easy, thorough cleaning



544180



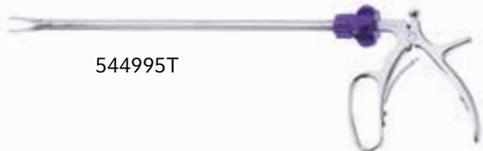
544179



544240

ENDOSCOPIC APPLIERS

- Endo appliers available in Medium-Large, Large, Extra-Large
- Medium-Large appliers available on a 5 mm platform
- Available with 32 cm or extended-length 45 cm shafts
- One-piece and take-apart designs



544995T



544965

AUTOMATIC APPLIER

AUTO ENDO5 APPLIER

- 5 mm automatic closure system with 15 Medium-Large clips
- Medium-Large clips designed for 3-10 mm size vessels
- Clip designed for security – locks on to patient vessel



543965

Ligating Clips are not intended for use as a fallopian contraceptive tubal occlusion device.

Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

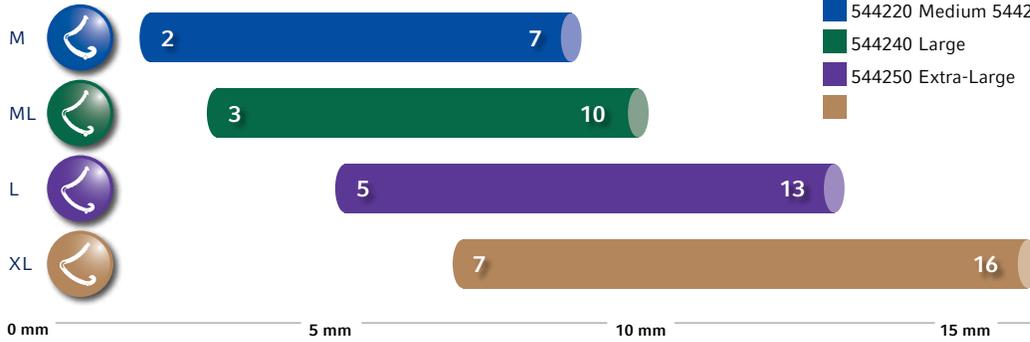


LIGATION SOLUTIONS

Polymer Locking Ligation System



VESSEL/TISSUE BUNDLE SIZE RANGE



POLYMER LIGATING CLIPS

- 544220 Medium 544230 Medium-Large
- 544240 Large
- 544250 Extra-Large
-



LIGATION SOLUTIONS

Polymer Locking Ligation System



ORDERING INFORMATION

POLYMER LOCKING LIGATION SYSTEM

CLIPS	OPEN MANUAL LOAD APPLIERS/REMOVERS	ENDOSCOPIC MANUAL LOAD APPLIERS/REMOVERS	AUTOMATIC APPLIERS
 M 544220 Medium Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544113 8" Curved 544114 11" Right Angle (70°) 544115 11" Curved 544123 11" Remover (for M, ML, L)		
 ML 544230 Medium-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544170 8" Curved 544171 11" Curved 544172 11" Right Angle (70°) 544123 11" Remover (for M, ML, L)	Endo5 Applier ML, 5 mm diameter 544965 32.5 cm applier 544965L 45 cm applier 544965T 34 cm applier, take-apart 544121 32 cm remover (for ML and L) 544121L 45 cm remover (for ML and L) 544121T 32 cm remover, take-apart (for ML and L)	543965 Auto Endo5 Applier 15 clips per applier, 3 appliers per box, sterile, disposable
 L 544240 Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544179 11" Right Angle (70°) 544180 8" Curved 544181 11" Curved 544182 10" Right Angle (70°), narrow shaft 544123 11" Remover (for M, ML, L) 544124 11" Remover (for L, XL)	Endo10 Applier L 544995 32 cm applier, 10 mm 544995L 45 cm applier, 10 mm 544995T 34 cm applier, 10 mm, take-apart 544121 32 cm remover, 5 mm (for ML and L) 544121L 45 cm remover, 5 mm (for ML and L) 544121T 32 cm remover, 5 mm, take-apart (for ML and L) 544130 32 cm remover, 10 mm (for L and XL) 544130L 45 cm remover, 10 mm (for L and XL) 544130T 33 cm remover, 10 mm take-apart (for L and XL)	
 XL 544250 Extra-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544191 11" Curved 544192 11" Right Angle (70°) 544124 11" Remover (for L, XL)	Endo10 Applier XL, 10 mm diameter 544990 32 cm applier 544990L 45 cm applier 544990T 34 cm applier, take-apart 544130 32 cm remover (for L and XL) 544130L 45 cm remover (for L and XL) 544130T 33 cm remover, take-apart (for L and XL)	
STORAGE TRAY		544500 capacity: 3 endoscopic 32 cm appliers P37319 capacity: 2-3 endoscopic 45 cm appliers	

Ligating Clips are not intended for use as a fallopian contraceptive tubal occlusion device.

Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

LIGATION SOLUTIONS

Metal Ligation System



The Horizon System is the Premium Titanium Ligation Platform providing surgeons a strong, secure clip coupled with an efficient, convenient easy-load cartridge system.

THE HORIZON CLIP

The preformed chevron shape of the Horizon Clip engulfs tissue with precise tip-to-tip closure. Heart-shaped wire is designed to give each clip a firm grip on vessels, while the triangulated cross-section of the clip leg maximizes surface-to-surface contact between clip and jaw, practically eliminating clip fallout.

THE HORIZON CARTRIDGE

The design of the Horizon Cartridge creates a frictionless one-hand load. Horizon Cartridges are color-coded to match applicators and adhesive backing allows convenient placement of the cartridge to any sterile area.

Clip images represent approximate, not exact, sizes.



MICROCLIP



SMALL



MEDIUM



MEDIUM-LARGE



LARGE



LIGATION SOLUTIONS

Metal Ligation System



OPEN APPLIERS

- Available with curved (20°), angled (55°) or right angled (70°) jaws
- Opens at box-lock for easy, thorough cleaning
- Available in a wide range of applier lengths, including 14"



ENDOSCOPIC APPLIERS

- Medium, Medium-Large and Large
- Extended length available (45 cm shaft)
- Large, lightweight rotation knob allows one-finger, 360° rotation of applier shaft
- Flush ports for thorough cleaning



CLIP OPTIONS

- The Horizon Clip Cartridge provides incredibly easy and precise loading that can enhance surgical procedure efficiency
- Both 6- and 24-clip cartridges are available



SPECIALTY APPLIER

- The Horizon 11" Multi-Angle Access Open Surgical Applier for small (wide slot) clip cartridges incorporates a 45° angled jaw (or curved jaw) for an optimal angle of access to the surgical target
- The Horizon Endosaphenous Vein Applier incorporates a 5 mm shaft diameter with a 7 mm angled jaw for ligation of vein branches



Ligating Clips are not intended for use as a contraceptive tubal occlusion device.

Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

LIGATION SOLUTIONS

Metal Ligation System



ORDERING INFORMATION

METAL LIGATION SYSTEM

Micro
 Small
 Small-Wide
 Medium
 Medium-Large
 Large

TITANIUM LIGATING CLIPS

CATALOG #	CLIP SIZE	CLIPS/CARTRIDGE	CARTRIDGES/BOX	CLIPS/BOX
005200	MicroClip	6	30	180
001200	Small	6	30	180
001204	Small	24	25	600
001201	Small-Wide	6	30	180
001205	Small-Wide	24	25	600
002200	Medium	6	30	180
002204	Medium	24	25	600
003200	Medium-Large	6	20	120
003204	Medium-Large	24	15	360
004200	Large	6	20	120
004204	Large	24	15	360



LIGATION SOLUTIONS

Metal Ligation System



HORIZON METAL LIGATION SYSTEM

□ Micro ■ Small ■ Small-Wide ■ Medium ■ Medium-Large ■ Large

OPEN SURGICAL APPLIERS

CATALOG #	APPLIER LENGTH	CLIP SIZE	JAW TYPE*
537061	6" (15 cm)	MicroClip	Curved
537081	8" (20 cm)	MicroClip	Curved
137061	6" (15 cm)	Small	Curved
137081	8" (20 cm)	Small	Curved
137085	8" (20 cm)	Small	Angled
137111	11" (28 cm)	Small	Curved
137062	6" (15 cm)	Small-Wide	Curved
137082	8" (20 cm)	Small-Wide	Curved
137086	8" (20 cm)	Small-Wide	Angled
137112	11" (28 cm)	Small-Wide	Curved
237061	6" (15 cm)	Medium	Curved
237081	8" (20 cm)	Medium	Curved
237085	8" (20 cm)	Medium	Angled
237111	11" (28 cm)	Medium	Curved
237115	11" (28 cm)	Medium	Angled
237117	11" (28 cm)	Medium	Right Angled
237141	14" (35.5 cm)	Medium	Curved
237145	14" (35.5 cm)	Medium	Angled
337081	8" (20 cm)	Medium-Large	Curved
337085	8" (20 cm)	Medium-Large	Angled
337111	11" (28 cm)	Medium-Large	Curved
337115	11" (28 cm)	Medium-Large	Angled
337117	11" (28 cm)	Medium-Large	Right Angled
337141	14" (35.5 cm)	Medium-Large	Curved
337145	14" (35.5 cm)	Medium-Large	Angled
437081	8" (20 cm)	Large	Curved
437085	8" (20 cm)	Large	Angled
437111	11" (28 cm)	Large	Curved
437115	11" (28 cm)	Large	Angled
437117	11" (28 cm)	Large	Right Angled
437141	14" (35.5 cm)	Large	Curved
437145	14" (35.5 cm)	Large	Angled

ENDOSCOPIC LIGATING APPLIERS

CATALOG #	APPLIER LENGTH	DIAMETER	CLIP SIZE	JAW TYPE
238110	12" (31 cm)	10 mm	Medium	Endoscopic
238170	18" (45 cm)	10 mm	Medium	Endoscopic
238200	13" (32 cm)	5 mm Shaft, 7 mm Jaw	Medium	Endosaphenous
338110	12" (21 cm)	10 mm	Medium-Large	Endoscopic
338170	18" (45 cm)	10 mm	Medium-Large	Endoscopic
438110	14" (36 cm)	12 mm	Large	Endoscopic
438170	18" (45 cm)	12 mm	Large	Endoscopic

ENDOSCOPIC LIGATING APPLIERS – TAKE-APART

CATALOG #	APPLIER LENGTH	DIAMETER	CLIP SIZE	JAW TYPE
238110T	13" (32 cm)	10 mm	Medium	Endoscopic
338110T	13" (32 cm)	10 mm	Medium-Large	Endoscopic

SPECIALTY OPEN SURGICAL LIGATING APPLIERS

CATALOG #	APPLIER LENGTH	CLIP SIZE	JAW TYPE
137117	11" (28 cm)	Small-Wide	45° Angled
137118	11" (28 cm)	Small-Wide	Curved

METAL CLIP REMOVERS (REMOVES ALL METAL CLIPS)

CATALOG #	APPLIER LENGTH	STYLE
523120	6.5" (16.5 cm)	Straight
523121	10.5" (26.7 cm)	Bent Shaft, 30° Angle

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**Curved 20°, Angled 55°, Right Angle 70°*



LIGATION SOLUTIONS

Traditional and Plus Metal



TRADITIONAL

The Traditional Metal Ligating Clips:

- Friction fit loading system
- Available in titanium, tantalum and stainless steel – the widest metal selection in the industry
- Cartridge base to assist loading

PLUS

The Plus System is an evolution of the classic metal Plus Metal Ligating Clips:

- Features an easy-load cartridge system
- Clip loads from the cartridge with minimal pressure
- Available with adhesive or non-adhesive clip cartridges

CLIP OPTIONS

- Chevron shaped clip for precise tip to tip closure
- Heart-shaped wire for tenacious grip on vessels
- Lateral transverse grooves for increased vessel contact



523130

OPEN APPLIERS

- Available in a variety of lengths and tip angles
- Opens at box-lock for easy cleaning



- Curved tip



- Right angle tip

LIGATION SOLUTIONS

Traditional and Plus Metal



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LIGATION SOLUTIONS

Traditional and Plus Metal



ORDERING INFORMATION

TRADITIONAL CLIPS AND APPLIERS

■ Small ■ Medium ■ Medium-Large ■ Large

HEMOCLIP TRADITIONAL-TITANIUM LIGATING CLIPS

CATALOG #	CLIP SIZE	CLIPS/ CARTRIDGE	CARTRIDGES/ BOX	CLIPS/BOX
523735	Small	25	12	300
523835	Small	10	24	240
523700	Medium	25	10	250
523800	Medium	10	20	200
523760	Medium-Large	10	20	200
523860	Medium-Large	10	16	160
523770	Large	15	10	150
523870	Large	10	12	120

HEMOCLIP TRADITIONAL-TANTALUM LIGATING CLIPS

CATALOG #	CLIP SIZE	CLIPS/ CARTRIDGE	CARTRIDGES/ BOX	CLIPS/BOX
523135	Small	25	12	300
523335	Small	10	24	240
523100	Medium	25	10	250
523300	Medium	10	20	200
523160	Medium-Large	10	20	200
523360	Medium-Large	10	16	160
523170	Large	15	10	150
523370	Large	10	12	120

HEMOCLIP TRADITIONAL-STAINLESS STEEL LIGATING CLIPS

CATALOG #	CLIP SIZE	CLIPS/ CARTRIDGE	CARTRIDGES/ BOX	CLIPS/BOX
523435	Small	25	12	300
523635	Small	10	24	240
523400	Medium	25	10	250
523600	Medium	10	20	200
523460	Medium-Large	10	20	200
523660	Medium-Large	10	16	160
523470	Large	15	10	150
523670	Large	10	12	120

HEMOCLIP TRADITIONAL LIGATING CLIP APPLIERS

CATALOG #	CLIP SIZE	APPLIERS LENGTH	JAW TYPE
523140	Small	6" (15 cm)	Curved
523150	Small	8" (20 cm)	Curved
523151	Small	11" (28 cm)	Curved
523105	Medium	8" (20 cm)	Right Angled
523106	Medium	11" (28 cm)	Right Angled
523109	Medium	6" (15 cm)	Curved
523110	Medium	8" (20 cm)	Curved
523111	Medium	11" (28 cm)	Curved
523165	Medium-Large	8" (20 cm)	Curved
523166	Medium-Large	11" (28 cm)	Curved
523167	Medium-Large	8" (20 cm)	Right Angled
523168	Medium-Large	11" (28 cm)	Right Angled
523175	Large	8" (20 cm)	Curved
523177	Large	8" (20 cm)	Right Angled
523178	Large	11" (28 cm)	Right Angled
523180	Large	11" (28 cm)	Curved

HEMOCLIP TRADITIONAL LIGATING CLIP PRECISION APPLIERS

CATALOG #	CLIP SIZE	APPLIERS LENGTH	JAW TYPE
523540	Small	6" (15 cm)	Curved
523550	Small	8" (20 cm)	Curved
523551	Small	11" (28 cm)	Curved

HEMOCLIP LIGATING CLIP ACCESSORIES

CATALOG #	CLIP SIZE	APPLIERS LENGTH	JAW TYPE
523120	Removing Forceps	6" (15 cm)	Straight
523121	Removing Forceps	10" (25.4 cm)	Angled Shanks
523130	Cartridge Base	7" (17.78 cm)	

LIGATION SOLUTIONS

Traditional and Plus Metal



PLUS CLIPS AND APPLIERS

■ Small ■ Small-Strongpoint ■ Medium ■ Medium-Large ■ Large

HEMOCLIP PLUS TITANIUM LIGATING CLIPS

CATALOG #	CLIP SIZE	CLIPS/ CARTRIDGE	CARTRIDGES/ BOX	CLIPS/BOX
533735	Small w/tape	25	12	300
533737	Small	25	12	300
533835	Small w/tape	10	18	180
533837	Small	10	18	180
534735	Small-Strongpoint w/tape	25	12	300
534737	Small-Strongpoint	25	12	300
534835	Small-Strongpoint w/tape	10	18	180
534837	Small-Strongpoint	10	18	180
533700	Medium w/tape	25	10	250
533702	Medium	25	10	250
533800	Medium w/tape	10	18	180
533802	Medium	10	18	180
533860	Medium-Large w/tape	10	12	120
533862	Medium-Large	10	12	120
533870	Large w/tape	10	12	120
533872	Large	10	12	120

HEMOCLIP PLUS LIGATING CLIP APPLIERS

CATALOG #	CLIP SIZE	APPLIER LENGTH	JAW TYPE
533140	Small	6" (15 cm)	Curved
533150	Small	8" (20 cm)	Curved
533151	Small	11" (28 cm)	Curved
533152	Small	8" (20 cm)	Right Angled
534140	Small-Strongpoint	6" (15 cm)	Curved
534150	Small-Strongpoint	8" (20 cm)	Curved
533105	Medium	8" (20 cm)	Right Angled
533106	Medium	11" (28 cm)	Right Angled
533108	Medium	11" (28 cm)	Angled
533109	Medium	6" (15 cm)	Curved
533110	Medium	8" (20 cm)	Curved
533111	Medium	11" (28 cm)	Curved
533164	Medium-Large	11" (28 cm)	Angled
533165	Medium-Large	8" (20 cm)	Curved
533166	Medium-Large	11" (28 cm)	Curved
533167	Medium-Large	8" (20 cm)	Right Angled
533168	Medium-Large	11" (28 cm)	Right Angled
114527	Medium-Large	13" (32 cm)	Endoscopic
533175	Large	8" (20 cm)	Curved
533177	Large	8" (20 cm)	Right Angled
533178	Large	11" (28 cm)	Right Angled
533180	Large	11" (28 cm)	Curved
533181	Large	11" (28 cm)	Angled

HEMOCLIP LIGATING CLIP ACCESSORIES

CATALOG #	CLIP SIZE	APPLIER LENGTH	JAW TYPE
523120	Removing Forceps	6" (15 cm)	Straight
523121	Removing Forceps	10" (25.4 cm)	Angled Shanks
523130	Cartridge Base	7" (17.78 cm)	

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HELP YOU MAKE THE RIGHT CHOICES



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Acheron Instruments

*SERVING HUMANITY
BY KEEPING THE QUALITY*