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**QUALITY. PRECISION. GUARANTEED.**



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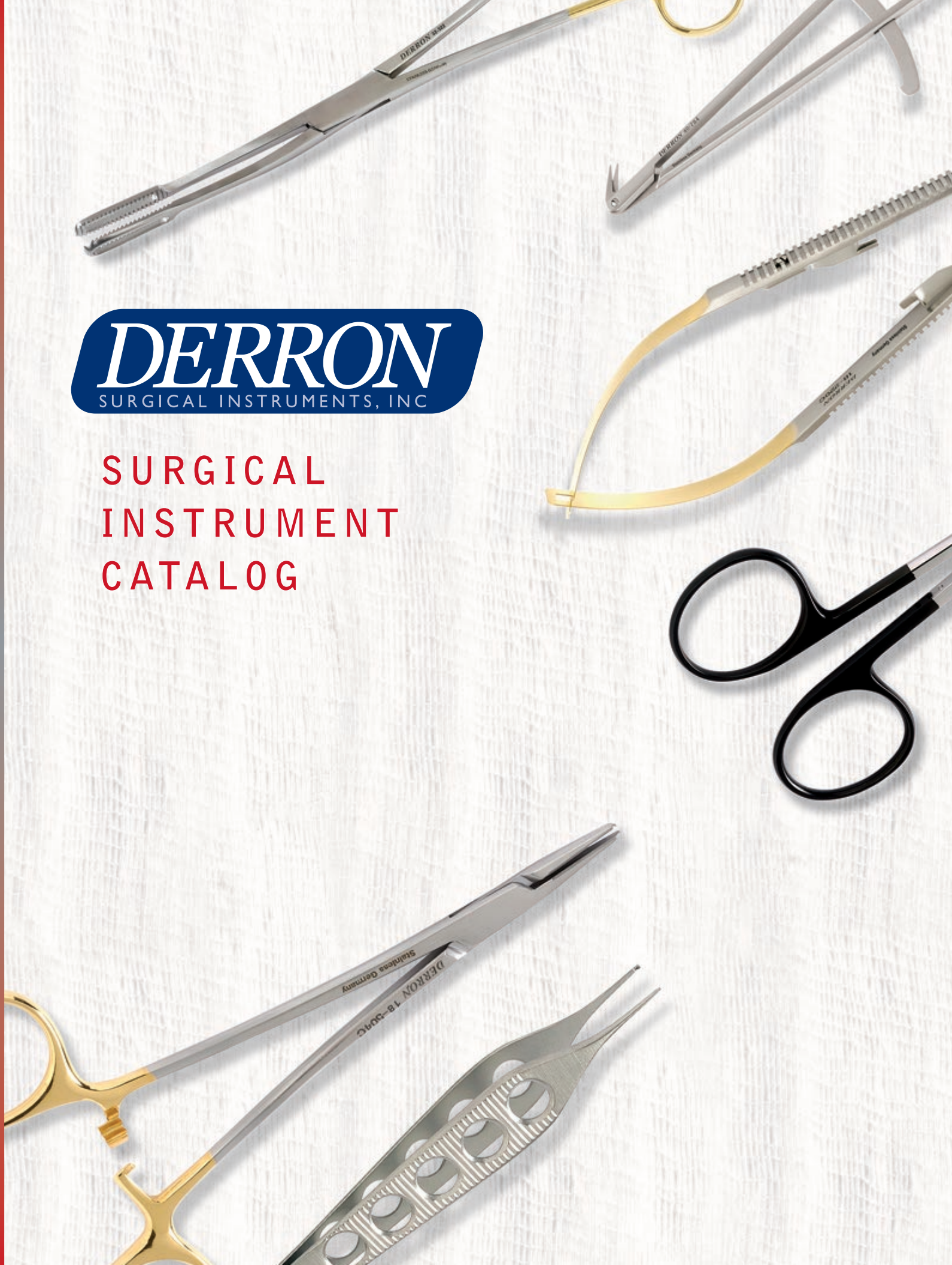
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**DERRON**

SURGICAL INSTRUMENT CATALOG



# SURGICAL INSTRUMENT CATALOG





## **DERRON** SURGICAL INSTRUMENTS

is committed to offering the finest quality surgical instruments produced by master craftsmen to exacting German standards. Every step of the manufacturing process is designed to ensure the finest instrument is produced that will provide the surgeon with the utmost precision and confidence.

This same level of excellence can also be found in our customer service, shipping and product development. You can be confident that our knowledgeable staff — with more than 40 years of combined surgical instrument experience — can provide you with the expert support and advice you require.

Our purchasing department has an extensive knowledge of surgical instruments and German manufacturing that allows us to provide virtually any instrument made, on a special order basis. In addition, annual trips to Germany keep us abreast of the newest instrument development and manufacturing techniques.



Every **DERRON** surgical instrument is guaranteed to be free from defects in material and workmanship. **DERRON** Surgical Instruments will repair or replace, at our discretion and at no charge, any instrument determined to be defective when used for its intended purpose.

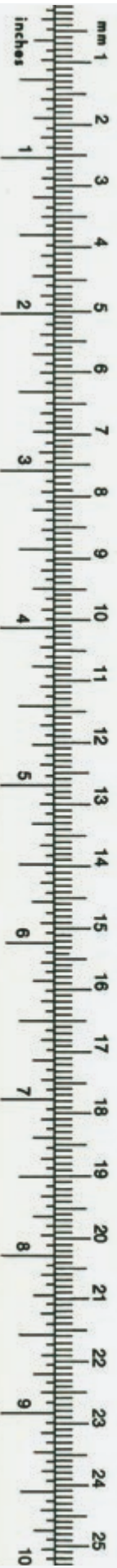
This guarantee is void in the event the instrument was not properly maintained or was damaged as a result of use other than its intended purpose. Any modification or repair, other than by **DERRON** Surgical Instruments, will also void this guarantee.

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# TABLE OF CONTENTS

Cleaning + Diagnostics .....	7
Suction Tubes .....	8
Scalpel Handles .....	10
Scissors .....	12
Dressing + Tissue Forceps .....	42
Hemostatic Forceps .....	55
Needle Holders .....	67
Suture Instruments .....	79
Retractors .....	83
Dermatology Instruments .....	99
Ear Instruments .....	101
Nasal Instruments .....	109
Plastic Surgery Instruments .....	119
Gynecological Instruments .....	128
Rectal Instruments .....	157
Gall Bladder Instruments .....	165
Ophthalmic Instruments .....	166
Cardiovascular Instruments .....	174
Podiatry Instruments .....	176
Orthopedic Instruments .....	186
Intestinal Instruments .....	196
Urological Instruments .....	198
Oral Instruments .....	200
Alphabetical Index .....	204
Numerical Index .....	207





# MEASUREMENT CONVERSION CHART

MULTIPLY	BY	OBTAIN
inches	2.54	Centimeters
Millimeters	0.03937	Inches
Millimeters	0.1	Centimeters
Centimeters	0.3937	Inches
Centimeters	0.01	Meters

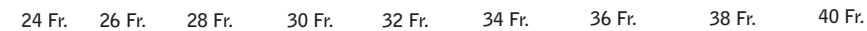
## INCHES TO CENTIMETERS

inches	cm	inches	cm	inches	cm
1"	2.54	5 1/2"	14.22	8 1/2"	21.59
2"	5.08	6"	15.24	9"	22.86
3"	7.62	6 1/2"	16.51	9 1/2"	24.13
4"	10.16	7"	17.78	10"	25.40
4 1/2"	11.43	7 1/2"	19.05	10 1/2"	26.67
5"	12.70	8"	20.32	11"	27.94

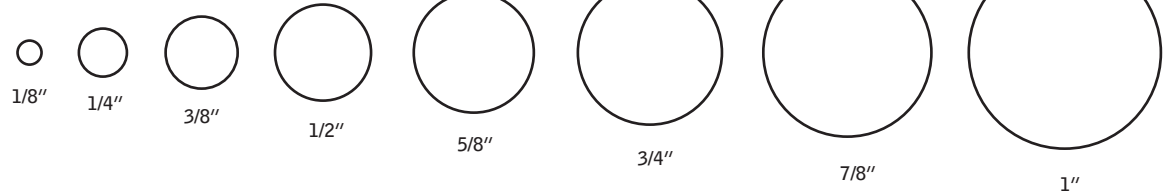
## MILLIMETERS



## FRENCH



## INCHES



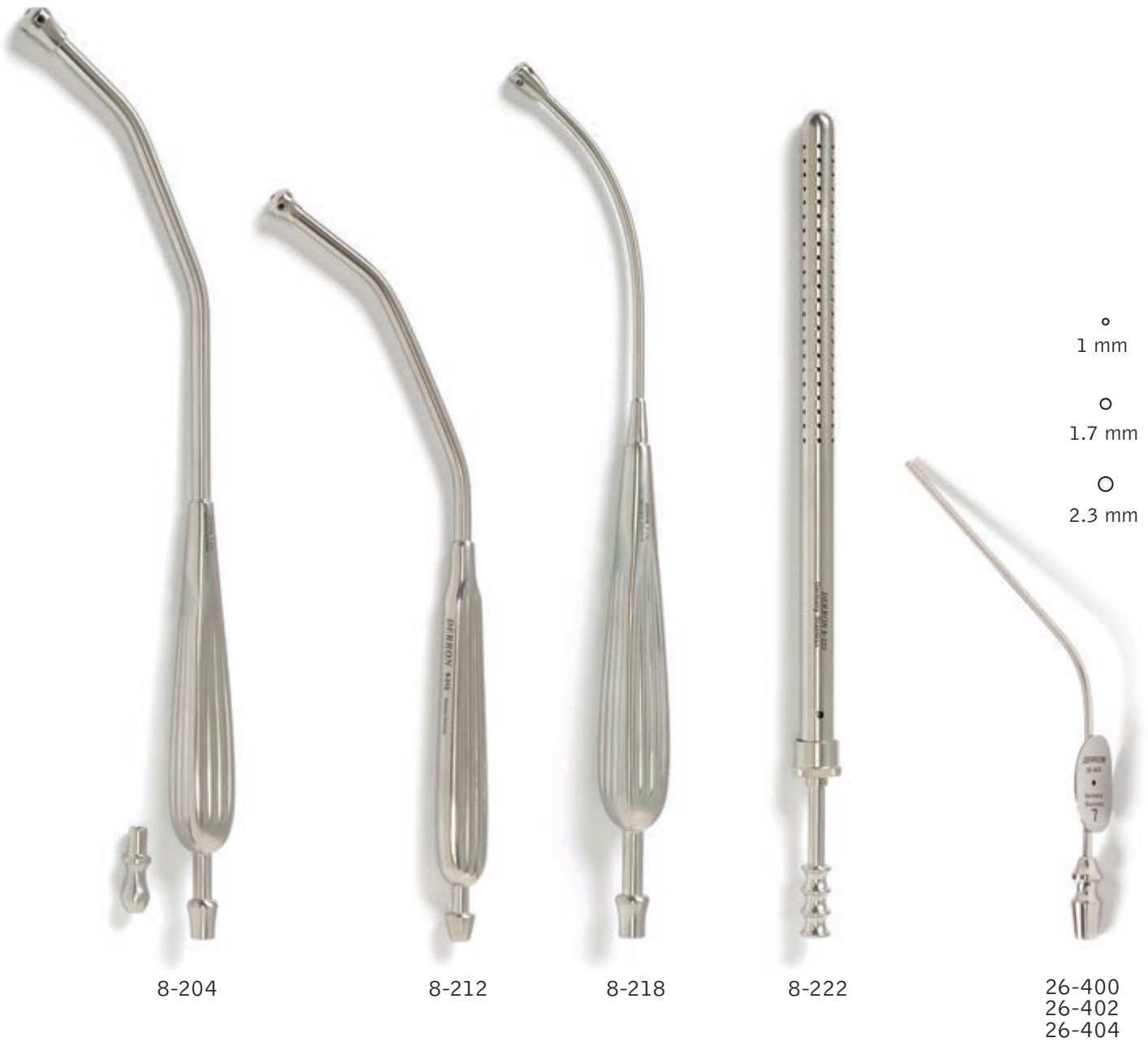


4-200	DERRON Instrument Cleaning Brushes 7 1/4" (18.2 cm), Nylon bristles, Set of 3, Autoclavable
4-202	DERRON Instrument Cleaning Brushes 7 1/4" (18.2 cm), Stainless steel bristles. Set of 3, Autoclavable
30-350	DERRON Stainless Wire Brush 6 1/4" (15.9 cm), for cleaning rasps and files
6-102	TAYLOR Percussion Hammer 9" (17.8 cm), standard size, stainless
6-120	WARTENBERG Neurological Pin Wheel 7" (17.8 cm)
6-258	DERRON Head Mirror, small Size 3" (7.6 cm), dia. with 5/8" (1.6 cm) aperature
6-260	DERRON Head Mirror, large Size 3 1/2" (8.9 cm), dia. with 1/2" (1.3 cm) aperature
6-262	FRANKEL Head Band, black fibre material, thumb screw lock size adjustment, swivel mirror connector

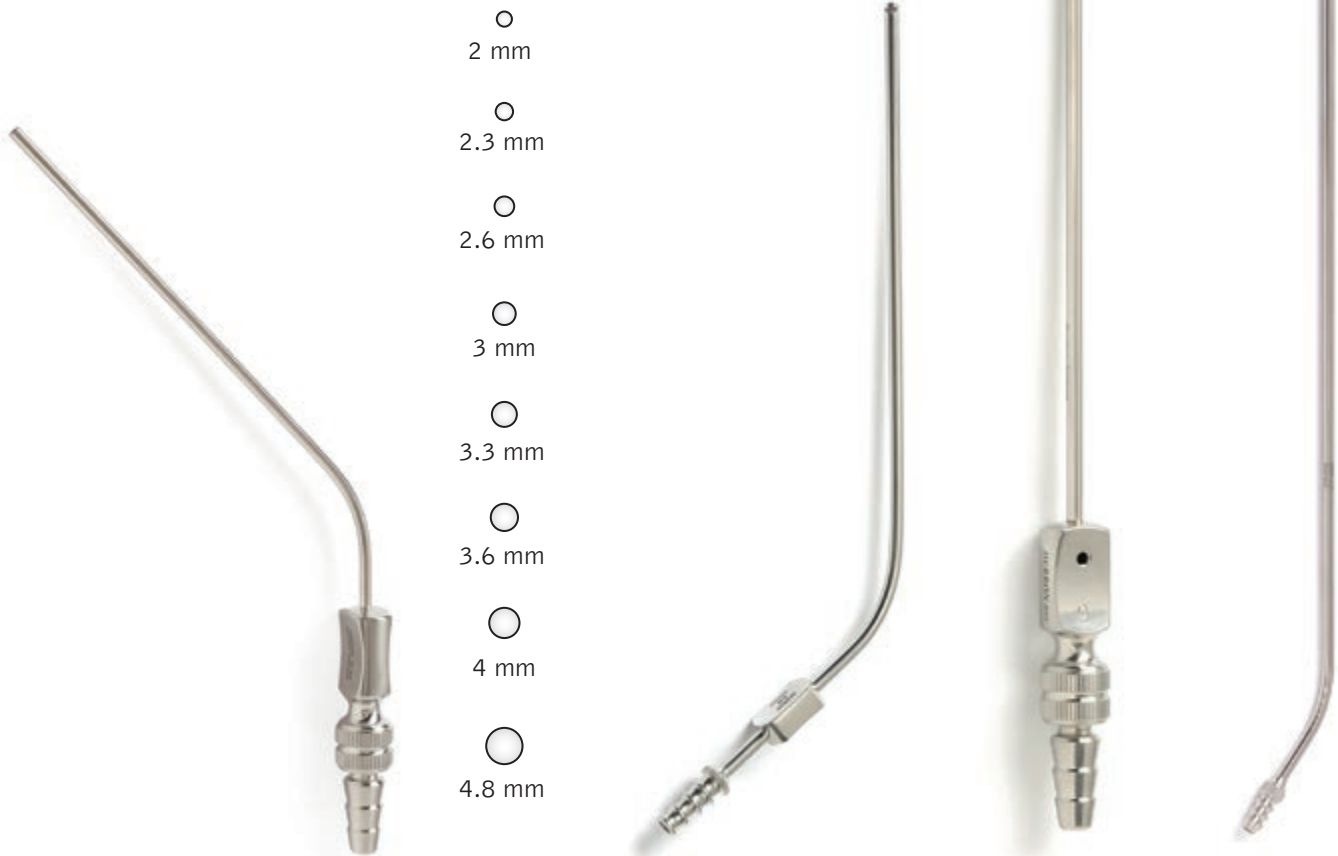


# SUCTION TUBES

QUALITY . PRECISION . GUARANTEED .



8-204	YANKAUER Suction Tube 11 3/4" (29.8 cm), removable tip and tubing connection, stainless
8-212	YANKAUER Pediatric Suction Tube 8 1/2" (21.6 cm), removable tip, delicate pattern
8-218	ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate, stainless
8-222	POOLE Suction Tube 8 3/4" (22.2 cm), 30 Fr. (9.9 mm), straight
26-400	BARON Suction Tube 3 French, working length 3 3/4" (9.4 cm)
26-402	BARON Suction Tube 5 French, working length 3 3/4" (9.4 cm)
26-404	BARON Suction Tube 7 French, working length 3 3/4" (9.4 cm)



- 2 mm
- 2.3 mm
- 2.6 mm
- 3 mm
- 3.3 mm
- 3.6 mm
- 4 mm
- 4.8 mm

26-410 26-418  
 26-412 26-420  
 26-414 26-422  
 26-416 26-424

26-446

28-470

34-370  
 34-372

FRAZIER SUCTION TUBES working length 4 3/4"			
26-410	6 French (2 mm)	26-418	10 French (3.3 mm)
26-412	7 French (2.3 mm)	26-420	11 French (3.6 mm)
26-414	8 French (2.6 mm)	26-422	12 French (4 mm)
26-416	9 French (3 mm)	26-424	14 French (4.8 mm)
26-446	MCCULLOCH Suction Tube 5 3/4" (14.6 cm) working length, 12 Fr.		
28-470	FRAZIER-FERGUSON Suction Tube 9 French, straight with finger cut-off working length 5 1/4" (13.3 cm)		
34-370	BUIE Suction Tube 16" (40.6 cm), without finger valve, 15 Fr. (5 mm)		
34-372	BUIE Suction Tube 16" (40.6 cm), with finger valve, 15 Fr. (5 mm)		





10-3



10-3L



10-4



10-4L

- |       |  |
|-------|--|
| 10-3  | No. 3 Knife Handle with mm rule fits surgical blades 10 thru 15      |
| 10-3L | No. 3L Knife Handle for deep surgery fits surgical blades 10 thru 15 |
| 10-4  | No. 4 Knife Handle fits surgical blades 20 thru 25                   |
| 10-4L | No. 4L Knife Handle for deep surgery fits surgical blades 20 thru 25 |



10-7



10-9



10-20



10-100



10-150

10-7	No. 7 Knife Handle fits surgical blades 10-15
10-9	No. 9 Knife Handle fits surgical blades 10 thru 15
10-20	<b>SIEGEL</b> Knife Handle 6" (15.2 cm), fits surgical blades 10 thru 15
10-100	Miniature Blade Handle with self-locking chuck 3 3/4" (9.5 cm), round knurled (3K type)
10-150	Surgical Blade Remover, will remove surgical blades easily from any knife handle





12-90	BONN Minature Iris Scissors 3 1/2" (8.9 cm), with 15 mm blades, straight
12-92	BONN Minature Iris Scissors 3 1/2" (8.9 cm), with 15 mm blades, curved
12-102	IRIS Scissors 3 1/2" (8.9 cm), with 14 mm blades, straight
12-104	IRIS Scissors 3 1/2" (8.9 cm), with 14 mm blades, curved
12-106	IRIS Scissors 3 1/2" (8.9 cm), with 20 mm blades, straight
12-108	IRIS Scissors 3 1/2" (8.9 cm), with 20 mm blades, curved



- 12-110     **IRIS Scissors 4" (10.2 cm), straight**
- 12-112     **IRIS Scissors 4" (10.2 cm), curved**
- 12-114     **IRIS Scissors 4" (10.2 cm), straight, heavy pattern**
- 12-116     **IRIS Scissors 4" (10.2 cm), curved, heavy pattern**





12-118



12-120



12-122



12-124

- |        |   |
|--------|---|
| 12-118 | IRIS Scissors 4 1/2" (11.4 cm), straight                |
| 12-120 | IRIS Scissors 4 1/2" (11.4 cm), curved                  |
| 12-122 | IRIS Scissors 4 1/2" (11.4 cm), straight, heavy pattern |
| 12-124 | IRIS Scissors 4 1/2" (11.4 cm), curved, heavy pattern   |



12-130	IRIS Scissors 4" (10.2 cm), straight, ribbon type handle
12-132	IRIS Scissors 4" (10.2 cm), curved, ribbon type handle
12-134	IRIS Scissors 3 3/4" (9.5 cm), straight, miniature pattern with 14 mm blades, ribbon type handle
12-136	IRIS Scissors 3 3/4" (9.5 cm), curved, miniature pattern with 14 mm blades, ribbon type handle
12-138	WILMER Conjunctival and Utility Scissors 4" (10.2 cm), angled on flat
12-140	WILMER Conjunctival and Utility Scissors 4" (10.2 cm), angled on flat, serrated
12-200	STRABISMUS Scissors 4" (10.2 cm), straight
12-202	STRABISMUS Scissors 4" (10.2 cm), curved



12-210



12-212



12-214



12-216

- |        |   |
|--------|---|
| 12-210 | KNAPP Iris Scissors 4'' (10.2 cm), straight, sharp-blunt tips |
| 12-212 | KNAPP Iris Scissors 4'' (10.2 cm), straight, blunt-blunt tips |
| 12-214 | KNAPP Iris Scissors 4'' (10.2 cm), curved, sharp-blunt tips   |
| 12-216 | KNAPP Iris Scissors 4'' (10.2 cm), curved, blunt-blunt tips   |





- 38-1260 Eye Scissors 4" (10.2 cm), with probe tips, straight
- 38-1262 Eye Scissors 4" (10.2 cm), with probe tips, curved
- 12-300 **GRADLE** Eye Suture Scissors 3 3/4" (9.5 cm), slightly curved, sharp tips
- 12-302 **GRADLE** Eye Suture Scissors 4" (10.2 cm), slightly curved, sharp tips, ribbon type handle
- 12-304 **GRADLE** Eye Suture Scissors 4 3/4" (12.1 cm), slightly curved, sharp tips
- 12-306 **KAYE** Fine Dissecting Scissors 4 1/3" (11.1 cm), curved, serrated, ribbon type handle

# SCISSORS

QUALITY . PRECISION . GUARANTEED .



12-312  
12-316

12-320  
12-324

12-310  
12-314

12-318  
12-322

12-310	STEVENS Tenotomy Scissors 4 1/8" (10.5 cm), straight, sharp tips, short blades
12-314	STEVENS Tenotomy Scissors 4 1/8" (10.5 cm), straight, blunt tips, short blades
12-312	STEVENS Tenotomy Scissors 4 1/8" (10.5 cm), curved, sharp tips, short blades
12-316	STEVENS Tenotomy Scissors 4 1/8" (10.5 cm), curved, blunt tips, short blades
12-318	STEVENS Tenotomy Scissors 4 1/2" (11.4 cm), straight, sharp tips, long blades
12-322	STEVENS Tenotomy Scissors 4 1/2" (11.4 cm), straight, blunt tips, long blades
12-320	STEVENS Tenotomy Scissors 4 1/2" (11.4 cm), curved, sharp tips, long blades
12-324	STEVENS Tenotomy Scissors 4 1/2" (11.4 cm), curved, blunt tips, long blades



12-330



12-332



12-342

12-330 **STEVENS** Tenotomy Scissors 3 3/4" (9.5 cm), straight, blunt tips, ribbon type handle

12-332 **STEVENS** Tenotomy Scissors 3 3/4" (9.5 cm), curved, blunt tips, ribbon type handle

12-342 **BIRO** Dermal Naevus Scissors 4" (10.2 cm), angled on flat with sharp outer edges

# SCISSORS

QUALITY . PRECISION . GUARANTEED .



12-400  
12-402  
12-404  
12-406  
12-408

12-434  
12-436  
12-438  
12-440  
12-442

12-412  
12-414  
12-416  
12-418  
12-420

12-444  
12-446  
12-448  
12-450  
12-452

12-424  
12-426  
12-428  
12-430  
12-432

12-456  
12-458  
12-460  
12-462  
12-464

OR SCISSORS Sharp-Sharp Tips			OR SCISSORS Sharp-Blunt Tips			OR SCISSORS Blunt-Blunt Tips		
Straight		Curved	Straight		Curved	Straight		Curved
12-400	4 1/2" (11.4 cm)	12-434	12-412	4 1/2" (11.4 cm)	12-444	12-424	4 1/2" (11.4 cm)	12-456
12-402	5" (12.7 cm)	12-436	12-414	5" (12.7 cm)	12-446	12-426	5" (12.7 cm)	12-458
12-404	5 1/2" (14 cm)	12-438	12-416	5 1/2" (14 cm)	12-448	12-428	5 1/2" (14 cm)	12-460
12-406	6" (15.2 cm)	12-440	12-418	6" (15.2 cm)	12-450	12-430	6" (15.2 cm)	12-462
12-408	6 1/2" (16.5 cm)	12-442	12-420	6 1/2" (16.5 cm)	12-452	12-432	6 1/2" (16.5 cm)	12-464





12-480  
12-482  
12-484



12-486  
12-488  
12-490



12-496  
12-498

- 12-480     **DEAVER** Scissors 5 1/2" (14 cm), straight, sharp-sharp tips
- 12-482     **DEAVER** Scissors 5 1/2" (14 cm), straight, sharp-blunt tips
- 12-484     **DEAVER** Scissors 5 1/2" (14 cm), straight, blunt-blunt tips
- 12-486     **DEAVER** Scissors 5 1/2" (14 cm), curved, sharp-sharp tips
- 12-488     **DEAVER** Scissors 5 1/2" (14 cm), curved, sharp-blunt tips
- 12-490     **DEAVER** Scissors 5 1/2" (14 cm), curved, blunt-blunt tips
- 12-496     **MAYO** Operating Scissors 5 1/2" (14 cm), straight, heavy pattern, sharp tips
- 12-498     **MAYO** Operating Scissors 5 1/2" (14 cm), curved, heavy pattern, sharp tips



12-500  
12-504  
12-508



12-502  
12-506  
12-510



12-520  
12-524



12-522  
12-526

## MAYO DISSECTING SCISSORS - Beveled Blades

STRAIGHT	LENGTH	CURVED
12-500	5 1/2" (14 cm)	12-502
12-504	6 3/4" (17.1 cm)	12-506
12-508	9" (22.9 cm)	12-510

12-520 **MAYO-STILLE** Dissecting Scissors 5 1/2" (14 cm), straight, rounded blades

12-522 **MAYO-STILLE** Dissecting Scissors 5 1/2" (14 cm), curved, rounded blades

12-524 **MAYO-STILLE** Dissecting Scissors 6 3/8" (16.3 cm), straight, rounded blades

12-526 **MAYO-STILLE** Dissecting Scissors 6 3/8" (16.3 cm), curved, rounded blades



12-534	MAYO-NOBLE Dissecting Scissors 6 1/2" (16.5 cm), straight, beveled blades
12-536	MAYO-NOBLE Dissecting Scissors 6 1/2" (16.5 cm), curved, beveled blades
12-540	SISTRUNK Scissors 5 1/2" (14 cm), straight
12-542	SISTRUNK Scissors 5 1/2" (14 cm), curved
12-552	DOYEN Abdominal Scissors 7" (17.8 cm), straight
12-554	DOYEN Abdominal Scissors 7" (17.8 cm), curved
12-556	FERGUSON Abdominal Scissors 7" (17.8 cm), angled on flat



12-560  
12-562  
12-564

12-600  
12-604  
12-608  
12-612  
12-616

12-602  
12-606  
12-610  
12-614  
12-618

12-620  
12-624  
12-628  
12-632  
12-636

12-622  
12-623  
12-626  
12-630  
12-634  
12-638

12-560	REYNOLDS Dissecting Scissors 6" (15.2 cm), curved, tenotomy type dissecting tip
12-562	REYNOLDS Dissecting Scissors 7" (17.8 cm), curved, tenotomy type dissecting tip
12-564	REYNOLDS Dissecting Scissors 8" (20.3 cm), curved, tenotomy type dissecting tip

METZENBAUM SCISSORS - STANDARD PATTERN		
STRAIGHT	LENGTH	CURVED
12-600	5 1/2" (14 cm)	12-602
12-604	7" (17.8 cm)	12-606
12-608	8" (20.3 cm)	12-610
12-612	9" (22.9 cm)	12-614
12-616	11" (27.9 cm)	12-618

METZENBAUM SCISSORS - DELICATE PATTERN		
STRAIGHT	LENGTH	CURVED
12-620	5" (12 cm)	12-622
	6" (15.2 cm)	12-623
12-624	7" (17.8 cm)	12-626
12-628	8" (20.3 cm)	12-630
12-632	9" (22.9 cm)	12-634
12-636	11" (27.9 cm)	12-638





<b>SIMS SCISSORS 8" (20.3 cm)</b>			
12-650	Straight, sharp-sharp tips	12-656	Curved, sharp-sharp-tips
12-652	Straight, sharp-blunt tips	12-658	Curved, sharp-blunt-tips
12-654	Straight, blunt-blunt tips	12-660	Curved, blunt-blunt tips-tips
12-666	<b>THOREK Scissors 7 1/4" (18.4 cm), full curve</b>		
12-668	<b>THOREK Scissors 10" (25.4 cm), full curve</b>		
12-712	<b>KAHN Dissecting Scissors 5 1/2" (14 cm), straight</b>		
12-714	<b>KAHN Dissecting Scissors 5 1/2" (14 cm), curved</b>		
12-716	<b>KAHN Dissecting Scissors 7" (17.8 cm), straight</b>		
12-718	<b>KAHN Dissecting Scissors 7" (17.8 cm), curved</b>		
12-722	<b>DEAN Dissecting Scissors 6 3/4" (17.1 cm), blades angled on flat, one blade serrated</b>		

# SCISSORS

QUALITY . PRECISION . GUARANTEED .



PLASTIC SURGERY SCISSORS 4 3/4" (12.1 cm)		
Straight		Curved
12-730	Sharp-sharp tips	12-732
12-734	Sharp-sharp tips, one serrated blade	12-736
12-740	Sharp-blunt tips	12-742
12-744	Sharp-blunt tips, one blade serrated	12-746
12-748	Blunt-blunt tips	12-750
12-752	Blunt-blunt tips, one blade serrated	12-754

ANGLED ON SIDE	
12-756	Sharp-sharp tips
12-758	Sharp-sharp tips, one blade serrated





12-760	<b>RAGNELL</b> Undermining Scissors 5" (12.7 cm), straight with flattened dissecting tips
12-762	<b>RAGNELL</b> Undermining Scissors 5" (12.7 cm), curved with flattened dissecting tips
12-764	<b>RAGNELL</b> Undermining Scissors 7" (17.8 cm), curved with flattened dissecting tips
12-772	<b>GOLDMAN-FOX</b> Dissecting Scissors 5" (12.7 cm), curved fine tips, one serrated blade
12-774	<b>LAGRANGE</b> Scissors 4 1/4" (10.8 cm), curved, one serrated blade, angled shanks
12-776	<b>QUIMBY</b> Scissors 5" (12.7 cm), blades 15 mm long, strong curve and pointed



12-812  
12-812SR  
12-812C

12-814  
12-814SR  
12-814C

12-816

12-820

KELLY SCISSORS 6 1/4" (15.9 cm)		
Straight		Curved
12-812	Sharp tips	12-814
12-812SR	Sharp tips with one serrated blade	12-814SR
12-812C	Sharp tips, carbide	12-814C
12-816	LOCKLIN Scissors 6 1/4" (15.9 cm), angled on side 25 degree, with one serrated blade	
12-820	LOCKLIN Scissors 6 1/4" (15.9 cm), curved shanks 25 degree, with one serrated blade	





30-360

28-152

30-364

30-368

30-360 **FOMON** Saber-Back Scissors 5" (12.7 cm), slightly curved with semi-sharp outer edges for dissection

28-152 **HEYMAN** Nasal Scissors 6 3/4" (17.1 cm), angled on side, rounded blades

30-364 **FOMON** Dorsal Scissors 5 1/2" (14 cm), light pattern, angular shanks

30-368 **DERRON** Saber-Back Rhytidectomy Scissors 5 3/4" (14.6 cm), curved with semi-sharp outer edges for dissection

# SCISSORS

QUALITY . PRECISION . GUARANTEED .



30-380



30-382



30-386



30-400



30-402

30-380 GORNEY Facelift Scissors 7 3/4" (19.7 cm), straight, one serrated blade

30-382 GORNEY Facelift Scissors 7 3/4" (19.7 cm), slightly curved, one serrated blade

30-386 COTTLE Dorsal Scissors 6 1/2" (16.5 cm), heavy pattern with rounded blades, angular shanks

30-400 JOSEPH Scissors 5 3/4" (14.6 cm), straight, sharp tips

30-402 JOSEPH Scissors 5 3/4" (14.6 cm), curved, sharp tips



12-902  
12-904  
12-906

12-910

12-912

12-914

12-902	LISTER Bandage Scissors 4 1/2" (11.4 cm)
12-904	LISTER Bandage Scissors 5 1/2" (14 cm)
12-906	LISTER Bandage Scissors 7 1/4" (18.4 cm)
12-910	LISTER Bandage Scissors 8" (20.3 cm), with one large finger ring
12-912	KNOWLES Bandage Scissors 5 1/2" (14 cm), straight
12-914	KNOWLES Bandage Scissors 5 1/2" (14 cm), angled shanks

# SCISSORS

QUALITY . PRECISION . GUARANTEED .



12-918  
12-920



12-928



12-932  
12-934

12-918 ESMARCH Bandage Scissors and Cast Shears 8" (20.3 cm)

12-920 ESMARCH Bandage Scissors and Cast Shears 9" (22.9 cm)

12-928 BRUNS Heavy Duty Bandage and Cast Shears 9 1/4" (23.5 cm), one serrated blade

12-932 Bandage and Utility Scissors 6 1/2" (16.5 cm) with needle destroyer, serrated blade, Autoclavable

12-934 Bandage and Utility Scissors 7 1/2" (19.1 cm) with needle destroyer, serrated blade, Autoclavable



12-1040  
12-1042  
12-1044

12-1050  
12-1052  
12-1054

40-784

12-1040 **DIETRICH** Scissors 7" (17.8 cm), delicate angled on side 25 degree, 13 mm blades

12-1042 **DIETRICH** Scissors 7" (17.8 cm), delicate angled on side 45 degree, 13 mm blades

12-1044 **DIETRICH** Scissors 7" (17.8 cm), delicate angled on side 60 degree, 13 mm blades

40-784 **DIETRICH** Circumflex Scissors 7" (17.8 cm), with stabilizer bar, angled on side 125 degree 13 mm blades

12-1050 **POTTS-SMITH** Scissors 7 1/2" (19.1 cm), angled on side 25 degree, 20 mm blades

12-1052 **POTTS-SMITH** Scissors 7 1/2" (19.1 cm), angled on side 45 degree, 20 mm blades

12-1054 **POTTS-SMITH** Scissors 7 1/2" (19.1 cm), angled on side 60 degree, 20 mm blades





12-1118  
12-1120



12-1504  
12-1506



12-1596  
12-1598



12-1604  
12-1606

## LEFT HANDED SCISSORS

12-1118	IRIS Scissors 4 1/2" (11.4 cm), straight, Left Handed
12-1120	IRIS Scissors 4 1/2" (11.4 cm), curved, Left Handed
12-1504	MAYO Dissecting Scissors 6 3/4" (17.1 cm), straight, Left Handed
12-1506	MAYO Dissecting Scissors 6 3/4" (17.1 cm), curved, Left Handed
12-1596	BABY METZENBAUM Scissors 4 1/2" (11.4 cm), straight, Left Handed
12-1598	BABY METZENBAUM Scissors 4 1/2" (11.4 cm), curved, Left Handed
12-1604	METZENBAUM Scissors 7" (17.8 cm), straight, Left Handed
12-1606	METZENBAUM Scissors 7" (17.8 cm), curved, Left Handed



**SUPER-CUT SCISSORS** — Super-Cut Scissors have unrivaled cutting capabilities because of specially-designed cutting edges. One scissor blade is ground like normal scissors and the other is knife ground to a razor sharp edge. The lower blade has micro fine serrations to prevent tissue slippage. They cut with extreme precision right down to the tips of the blades. Super-Cut Scissors are designed for use on coarse as well as fine tissue. Sutures and dressing materials should be avoided.

12-118SC	IRIS Scissors 4 1/2" (11.4 cm), straight, Super-Cut
12-120SC	IRIS Scissors 4 1/2" (11.4 cm), curved, Super-Cut
12-300SC	GRADLE Scissors 3 3/4" (9.5 cm), slightly curved, sharp tips, Super-Cut
12-302SC	GRADLE Scissors 4" (10.2 cm), slightly curved, sharp tips, ribbon type handle, Super-Cut



- 12-306SC    **KAYE** Fine Dissecting Scissors 4 1/2" (11.1 cm), curved, serrated, ribbon type handle, Super-Cut
- 12-318SC    **STEVENS** Tenotomy Scissors 4 1/2" (11.4 cm), straight, Super-Cut
- 12-320SC    **STEVENS** Tenotomy Scissors 4 1/2" (11.4 cm), curved, Super-Cut

MAYO DISSECTING SCISSORS SUPER-CUT		
	Straight	Curved
	12-500SC    5 1/2" (14 cm)	12-502SC
	12-504SC    6 3/4" (17.1 cm)	12-506SC
	12-508SC    9" (22.9 cm)	12-510SC



12-596SC

12-598SC

12-600SC 12-608SC  
 12-602SC 12-610SC  
 12-604SC 12-612SC  
 12-606SC 12-614SC

12-760SC  
 12-762SC

12-596SC Baby METZENBAUM Scissors 4 1/2" (11.4 cm), straight, Super-Cut

12-598SC Baby METZENBAUM Scissors 4 1/2" (11.4 cm), curved, Super-Cut

### METZENBAUM DISSECTING SCISSORS SUPER-CUT

Straight		Curved
12-600SC	5 1/2" (14 cm)	12-602SC
12-604SC	7" (17.8 cm)	12-606SC
12-608SC	8" (20.3 cm)	12-610SC
12-612SC	9" (22.9 cm)	12-614SC

12-760SC RAGNELL Undermining Scissors 5" (12.7 cm), straight, with flattened dissecting tips, Super-Cut

12-762SC RAGNELL Undermining Scissors 5" (12.7 cm), curved, with flattened dissecting tips, Super-Cut



## TUNGSTEN CARBIDE SCISSORS

Tungsten carbide is among the hardest materials known and is sometimes referred to as "man-made diamond." Tungsten carbide scissors are manufactured by the bonding of tungsten carbide to quality stainless steel. The high-quality tungsten carbide is then ground and honed to a precise edge for superior cutting action. This process creates a scissors that is sharper and more durable than conventional stainless steel scissors.

While this scissors has a higher cost than standard stainless steel, it will provide the user with superior performance and longer service life.



12-118C	<b>IRIS</b> Scissors 4 1/2" ( 11.4 cm), straight, carbide
12-120C	<b>IRIS</b> Scissors 4 1/2" ( 11.4 cm), curved, carbide
12-200C	<b>STRABISMUS</b> Scissors 4 1/2" (11.4 cm), straight, carbide
12-202C	<b>STRABISMUS</b> Scissors 4 1/2" (11.4 cm), curved, carbide



**TUNGSTEN  
CARBIDE**



12-500C  
12-504C  
12-508C



12-502C  
12-506C  
12-510C



12-600C  
12-604C  
12-608C  
12-612C  
12-616C



12-602C  
12-606C  
12-610C  
12-614C  
12-618C

**MAYO**  
Dissecting Scissors  
Straight.  
Routine cutting  
of all types; including  
the heaviest tissue.

12-500C 5 1/2" (14 cm)  
12-504C 6 3/4" (17.1 cm)  
12-508C 9" (22.9 cm)

**MAYO**  
Dissecting Scissors  
Curved.  
Routine cutting  
of all types; including  
the heaviest tissue.

12-502C 5 1/2" (14 cm)  
12-506C 6 3/4" (17.1 cm)  
12-510C 9" (22.9 cm)

**METZENBAUM**  
Scissors—Straight.  
Popular dissecting  
scissors.

12-600C 5 1/2" (14 cm)  
12-604C 7" (17.8 cm)  
12-608C 8" (20.32 cm)  
12-612C 9" (22.9 cm)  
12-616C 11" (27.9 cm)

**METZENBAUM**  
Scissors—Curved.  
Popular dissecting  
scissors.

12-602C 5 1/2" (14 cm)  
12-606C 7" (17.8 cm)  
12-610C 8" (20.32 cm)  
12-614C 9" (22.9 cm)  
12-618C 11" (27.9 cm)

**TUNGSTEN  
CARBIDE**



12-620C  
12-624C  
12-628C  
12-632C



12-622C  
12-626C  
12-630C  
12-634C



12-621C  
12-625C  
12-633C



12-623C  
12-627C  
12-635C

**METZENBAUM SCISSORS**  
Delicate Pattern-straight.  
Light and well-balanced  
with delicate rounded tips.

12-620C 5 1/2" (14 cm)  
12-624C 7" (17.8 cm)  
12-628C 8" (20.32 cm)  
12-632C 9" (22.9 cm)

**METZENBAUM SCISSORS**  
Delicate Pattern-curved.  
Light and well-balanced  
with delicate rounded tips.

12-622C 5 1/2" (14 cm)  
12-626C 7" (17.8 cm)  
12-630C 8" (20.32 cm)  
12-634C 9" (22.9 cm)

**METZENBAUM SCISSORS**  
Delicate Pattern-straight.  
Sharp delicate scissors for  
precise cutting at the tips.

12-621C 5 1/2" (14 cm)  
12-625C 7" (17.8 cm)  
12-633C 9" (22.9 cm)

**METZENBAUM SCISSORS**  
Delicate Pattern-curved.  
Sharp delicate scissors for  
precise cutting at the tips.

12-623C 5 1/2" (14 cm)  
12-627C 7" (17.8 cm)  
12-635C 9" (22.9 cm)

**TUNGSTEN  
CARBIDE**



12-726C



12-772C



20-368C

12-726C DERRON Blepharoplasty Scissors 4 1/2" (11.4 cm), curved flat tips, one serrated blade, carbide

12-772C GOLDMAN-FOX Dissecting Scissors 5" (12.7 cm), curved fine tips, one serrated blade, carbide

20-368C Wire Cutting Scissors 4 3/4" (12.1 cm), angled on side, serrated blade, carbide



14-10  
14-12  
14-14  
14-16  
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14-22  
14-24  
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14-36  
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14-54  
14-56  
14-58  
14-59



14-60  
14-62  
14-64  
14-66

## DRESSING FORCEPS - SERRATED TIPS

Standard Pattern			Delicate Pattern
14-10	4"	(10.2 cm)	
14-12	4 1/2"	(11.4 cm)	14-27
14-14	5"	(12.7 cm)	14-28
14-16	5 1/2"	(14 cm)	14-30
14-18	6"	(15.2 cm)	14-32
14-20	7"	(17.8 cm)	
14-22	8"	(20.3 cm)	
14-24	10"	(25.4 cm)	
14-26	12"	(30.5 cm)	

## TISSUE FORCEPS - 1 X 2 TEETH

Standard Pattern			Delicate Pattern
14-36	4 1/2"	(11.4 cm)	14-52
14-38	5"	(12.7 cm)	14-54
14-40	5 1/2"	(14 cm)	14-56
14-42	6"	(15.2 cm)	14-58
14-44	7"	(17.8 cm)	14-59
14-46	8"	(20.3 cm)	
14-48	10"	(25.4 cm)	
14-50	12"	(30.5 cm)	

## TISSUE FORCEPS 2 X 3 TEETH

14-60	4 1/2"	(11.4 cm)
14-62	5"	(12.7 cm)
14-64	5 1/2"	(14 cm)
14-66	6"	(15.2 cm)



14-80



14-82



14-84



14-86



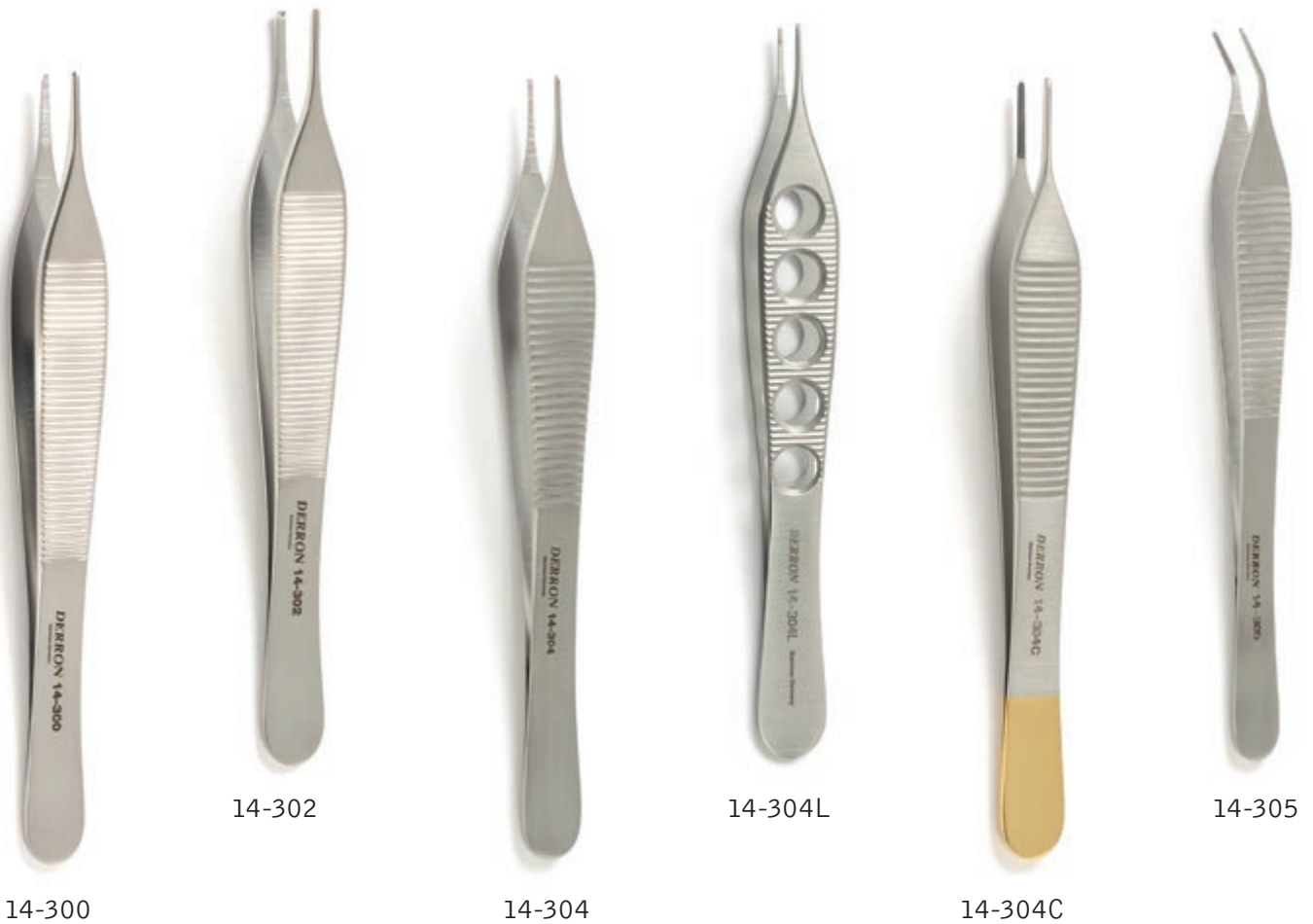
14-88



14-90

- |       |  |
|-------|--|
| 14-80 | <b>IRIS Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, straight</b>   |
| 14-82 | <b>IRIS Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, half curve</b> |
| 14-84 | <b>IRIS Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, full curve</b> |
| 14-86 | <b>IRIS Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, straight</b>       |
| 14-88 | <b>IRIS Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, half curve</b>     |
| 14-90 | <b>IRIS Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, full curve</b>     |

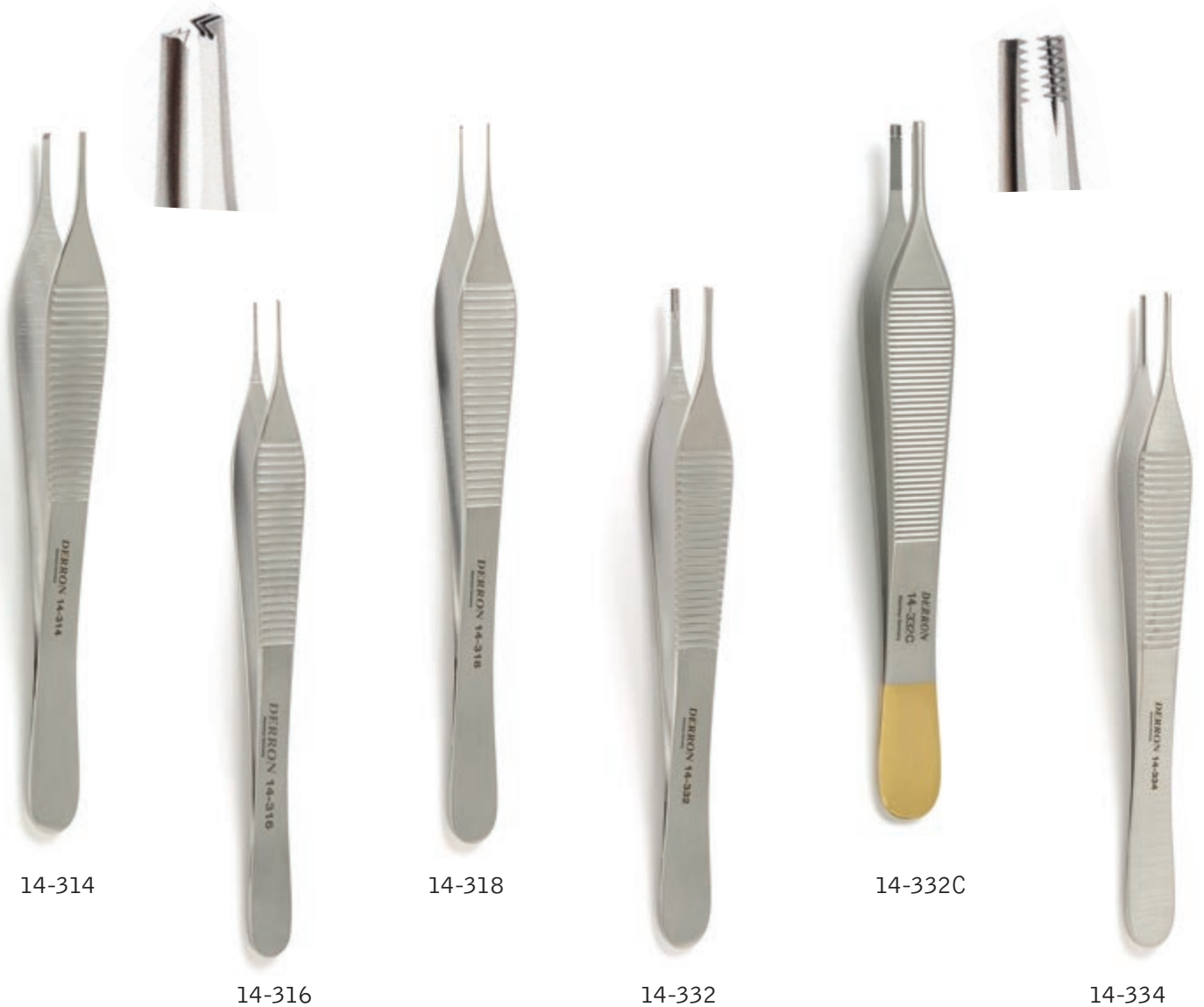




14-300	HUDSON Dressing Forceps 4 3/4" ( 12.1 cm), serrated
14-302	HUDSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth
14-304	ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate
14-304L	ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, lightweight
14-304C	ADSON Dressing Forceps 4 3/4" (12.1 cm), cross serrated, carbide
14-305	ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, angled



14-306	ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate
14-342	ADSON Tissue Forceps 6" (15.2 cm), 1 x 2 teeth, delicate
14-306L	ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate, lightweight
14-308	ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate, angled
14-310	ADSON Tissue and Suture Forceps 4 3/4" (12.1 cm), 1 x 2 teeth with tying platform
14-310L	ADSON Tissue and Suture Forceps 4 3/4" (12.1 cm), 1 x 2 teeth with tying platform, lightweight
14-312	ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth and cross serrated, delicate
14-312C	ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth and cross serrated tying platform



- 14-314      **ADSON Tissue Forceps 4 3/4" (12.1 cm), 2 x 3 teeth, delicate**
- 14-316      **Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, tips 0.5 mm wide**
- 14-318      **Micro ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, tips 0.5 mm wide**
- 14-332      **BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth**
- 14-332C     **BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth, carbide**
- 14-334      **DEBAKEY-ADSON Tissue Forceps 4 3/4" (12.1 cm), atraumatic tips 1.5 mm wide**



14-350

14-352

14-358

14-450

14-452  
14-454

14-350	SEMKIN Dressing Forceps 5" (12.7 cm), serrated
14-352	SEMKIN Dressing Forceps 5" (12.7 cm), 1 x 2 teeth
14-358	SEMKIN Dressing Forceps 6" (15.2 cm), curved, serrated
14-450	BISHOP-HARMON Dressing Forceps 3 3/8" (8.9 cm), fine cross serrated tips 0.5 mm wide
14-452	BISHOP-HARMON Dressing Forceps 3 3/8" (8.9 cm), 1 x 2 teeth, delicate 0.3 mm wide
14-454	BISHOP-HARMON Dressing Forceps 3 3/8" (8.9 cm), 1 x 2 teeth, standard 0.7 mm wide



14-480

14-494  
14-496  
14-498

14-500  
14-502  
14-504

14-506  
14-508

14-510  
14-512

14-480	<b>HEANEY</b> Tissue Forceps 5 1/2" (14 cm), 2 x 3 teeth and cross serrated tips
14-494	<b>BROWN</b> Tissue Forceps 6" (15.2 cm), side grasping teeth
14-496	<b>BROWN</b> Tissue Forceps 8" (20.3 cm), side grasping teeth
14-498	<b>BROWN</b> Tissue Forceps 10" (25.4 cm), side grasping teeth
14-500	<b>RUSSIAN</b> Tissue Forceps 6" (15.2 cm)
14-502	<b>RUSSIAN</b> Tissue Forceps 8" (20.3 cm)
14-504	<b>RUSSIAN</b> Tissue Forceps 10" (25.4 cm)
14-506	<b>BONNEY</b> Tissue Forceps 7" (17.8 cm), 1 x 2 teeth and serrated tips
14-508	<b>BONNEY</b> Tissue Forceps 7" (17.8 cm), 2 x 3 teeth and serrated tips
14-510	<b>GERALD</b> Dressing Forceps 7" (17.8 cm), straight, serrated
14-512	<b>GERALD</b> Dressing Forceps 7" (17.8 cm), straight, 1 x 2 teeth



14-520  
14-522  
14-524



14-528  
14-530  
14-532



14-540



14-542

14-520 POTTS-SMITH Dressing Forceps 7" (17.8 cm)

14-522 POTTS-SMITH Dressing Forceps 8 1/4" (21 cm)

14-524 POTTS-SMITH Dressing Forceps 10" (24.1cm)

14-528 POTTS-SMITH Tissue Forceps 7" (17.8 cm)

14-530 POTTS-SMITH Tissue Forceps 8 1/4" (21 cm)

14-532 POTTS-SMITH Tissue Forceps 9 1/2" (24 cm)

14-540 CUSHING Dressing Forceps 7" (17.8 cm), serrated, scraper end

14-542 CUSHING Dressing Forceps 7" (17.8 cm), 1 x 2 teeth, scraper end





26-252



26-254



26-255



26-256  
26-258

- 26-252 WILDE Ear Dressing Forceps 5" (12.7 cm), angular, serrated
- 26-254 LUCAE Ear Dressing Forceps 5 1/2" (14 cm), bayonet shape, serrated
- 26-255 JANSEN Ear Forceps 6 1/4" (15.9 cm), bayonet shape, extra delicate, 2 mm wide serrated
- 26-256 JANSEN Ear Forceps 6 1/4" (15.9 cm), bayonet shape, serrated
- 26-258 ADSON Ear Forceps 8 1/4" (21 cm), bayonet shape, serrated tips



14-700  
14-702



14-704  
14-706  
14-708



14-710



14-712



14-714



14-716



14-724  
14-726  
14-728

14-700	<b>FEILCHENFELD</b> Splinter Forceps 3" (7.6 cm)
14-702	<b>FEILCHENFELD</b> Splinter Forceps 4 1/2" (7.6 cm)
14-704	Plain Splinter Forceps 3 1/2" (8.9 cm)
14-706	Plain Splinter Forceps 4" (10.2 cm)
14-708	Plain Splinter Forceps 4 1/2" (11.4 cm)
14-710	<b>CARMALT</b> Splinter Forceps 4 1/4" (10.8 cm), straight
14-712	<b>CARMALT</b> Splinter Forceps 4 1/4" (10.8 cm), curved
14-714	<b>CARMALT-WALTER</b> Splinter Forceps 4 1/4" (10.8 cm), straight
14-716	<b>CARMALT-WALTER</b> Splinter Forceps 4 1/4" (10.8 cm), curved
14-724	<b>WILLIAMS</b> Splinter Forceps 5 1/2" (14 cm), straight
14-726	<b>WILLIAMS</b> Splinter Forceps 5 1/2" (14 cm), 45°
14-728	<b>WILLIAMS</b> Splinter Forceps 5 1/2" (14 cm), right angle



38-680



38-700  
38-702



38-704  
38-708



38-710



38-752



38-756

38-680	<b>GRAEFE</b> Fixation Forceps 4 3/8" (11.2 cm), 4.5 mm wide with fine teeth
38-700	<b>PIERSE</b> Colibri Corneal Forceps 3 1/4" (8.3 cm), tips 0.12 mm wide
38-702	<b>PIERSE</b> Colibri Corneal Forceps 3 1/4" (8.3 cm), tips 0.3 mm wide
38-704	<b>BONN</b> Suturing Forceps 2 3/4" (7 cm), 1 x 2 teeth, 0.12 mm wide with suture platform
38-708	<b>BONN</b> Suturing Forceps 3 3/4" (9.5 cm), 1 x 2 teeth, 0.12 mm wide with suture platform
38-710	<b>MCPHERSON</b> Micro Suturing Forceps 3 1/2" (.8.9 cm), 1 x 2 teeth, 0.2 mm with tying platform
38-752	<b>MCPHERSON</b> Micro Suturing Forceps 3 1/2" (8.9 cm), angled, smooth platform 0.3 x 5 mm
38-756	<b>GASKIN</b> Tying Forceps 4" (10.2 cm), with 10 mm tying platform



38-758



38-762  
38-764  
38-766



38-770  
38-772  
38-774



38-786

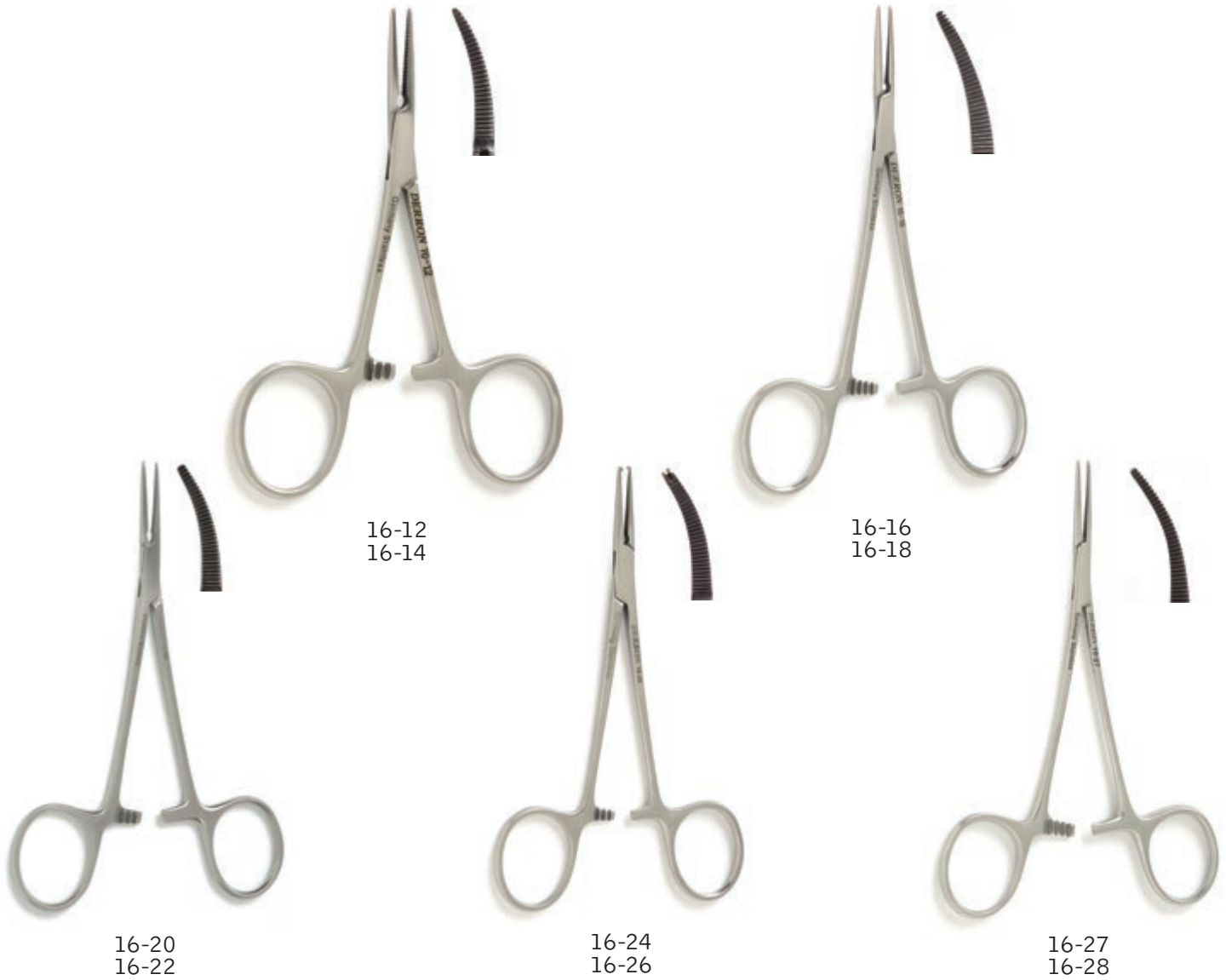


38-800

38-758	<b>GASKIN</b> Fragment and Tying Forceps 4 3/8" (11.2 cm), with tying platform
38-762	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.3 mm, with tying platform
38-764	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.5 mm, with tying platform
38-766	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.9 mm, with tying platform
38-770	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth 0.12 mm, with tying platform
38-772	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth 0.5 mm, with tying platform
38-774	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth 0.3 mm, with tying platform
38-786	<b>SAUER</b> Suturing Forceps 3 1/2" (8.9 cm), curved teeth, overlapping each other, 0.7 mm wide
38-800	<b>LEHNER</b> Capsule Forceps 4" (10.2 cm), with long convex curve



38-1200	<b>DOUGLAS</b> Cilia Forceps 3 1/2" (8.9 cm), thin tips 2.5 mm wide, with fine horizontal serrations
38-1202	<b>ZIEGLER</b> Cilia Forceps 3 1/2" (8.9 cm), 2 mm wide smooth jaws
38-1206	<b>BEER</b> Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide smooth jaws
38-1208	Cilia and Suture Forceps 3 3/4" (9.5 cm), precision fitted diagonal jaws 3 mm wide
38-1210	<b>BERGH</b> Cilia Forceps 3 1/2" (8.9 cm), 5 mm wide jaws with horizontal serrations
38-1212	<b>BERGH</b> Cilia Forceps 4 1/2" (10.8 cm), 10 mm wide jaws with horizontal serrations
38-1214	<b>LITTAUER</b> Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide jaws with fine horizontal serrations
38-1220	<b>BARRAQUER</b> Cilia Forceps 4 1/2" (11.4 cm), with 5 mm smooth platform



16-12	HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), straight
16-14	HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), curved
16-16	HALSTEAD Mosquito Forceps 5" (12.7 cm), straight, delicate
16-18	HALSTEAD Mosquito Forceps 5" (12.7 cm), curved, delicate
16-20	HALSTEAD Mosquito Forceps 5" (12.7 cm), straight
16-22	HALSTEAD Mosquito Forceps 5" (12.7 cm), curved
16-24	HALSTEAD Mosquito Forceps 5" (12.7 cm), straight, 1 x 2 teeth
16-26	HALSTEAD Mosquito Forceps 5" (12.7 cm), curved, 1 x 2 teeth
16-27	JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extra delicate
16-28	JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extra delicate





16-30	KELLY Forceps 5 1/2" (14 cm), straight
16-32	KELLY Forceps 5 1/2" (14 cm), curved
16-36	PROVIDENCE Hospital Forceps 5 1/2" (14 cm), straight
16-38	PROVIDENCE Hospital Forceps 5 1/2" (14 cm), curved
16-46	Baby CRILE Forceps 5 1/2" (14 cm), straight, extra delicate
16-48	Baby CRILE Forceps 5 1/2" (14 cm), curved, extra delicate
16-50	CRILE Forceps 5 1/2" (14 cm), straight
16-52	CRILE Forceps 5 1/2" (14 cm), curved
16-54	CRILE Forceps 6 1/4" (15.9 cm), straight
16-56	CRILE Forceps 6 1/4" (15.9 cm), curved
16-60	KOCHER Forceps 5 1/2" (14 cm), straight, 1 x 2 teeth
16-62	KOCHER Forceps 5 1/2" (14 cm), curved, 1 x 2 teeth



16-64 Baby **OCHSNER** Forceps 5 1/2" (14 cm), straight, 1 x 2 teeth, extra delicate

16-66 Baby **OCHSNER** Forceps 5 1/2" (14 cm), curved, 1 x 2 teeth, extra delicate

16-76 **RANKIN** Forceps 6 1/4" (15.9 cm), straight

16-78 **RANKIN** Forceps 6 1/4" (15.9 cm), curved

16-88 **PRATT** T-Shape Tissue Grasping Forceps 6" (15.2 cm)

16-92 **DANDY** Forceps 5 1/2" (14cm), curved sideways

16-96 Baby **PEAN** Forceps 5 1/2" (14 cm), straight, extra delicate

16-98 Baby **PEAN** Forceps 5 1/2" (14 cm), curved, extra delicate



16-100  
16-104  
16-108  
16-112  
16-116  
16-117



16-102  
16-106  
16-110  
16-114  
16-118  
16-119



16-120  
16-124  
16-128  
16-132  
16-136



16-122  
16-126  
16-130  
16-134  
16-138

## ROCHESTER PEAN FORCEPS

Straight	Length	Curved
16-100	5 1/2" (14 cm)	16-102
16-104	6 1/4" (15.9 cm)	16-106
16-108	7 1/4" (18.4 cm)	16-110
16-112	8" (20.3 cm)	16-114
16-116	9" (22.9 cm)	16-118
16-117	10 1/4" (26 cm)	16-119

## ROCHESTER OCHSNER FORCEPS 1 X 2 TEETH

Straight	Length	Curved
16-120	6 1/4" (15.9 cm)	16-122
16-124	7 1/4" (18.4 cm)	16-126
16-128	8" (20.3 cm)	16-130
16-132	9" (22.9 cm)	16-134
16-136	10" (25.4 CM)	16-138



16-140	<b>ROCHESTER CARMALT</b> Forceps 6 1/4" (15.9 cm), straight
16-142	<b>ROCHESTER CARMALT</b> Forceps 6 1/4" (15.9 cm), curved
16-144	<b>ROCHESTER CARMALT</b> Forceps 8" (20.3 cm), straight
16-146	<b>ROCHESTER CARMALT</b> Forceps 8" (20.3 cm), curved
16-200	Baby <b>MIXTER</b> Forceps 5 1/4" (13.3 cm), fully curved, extra delicate
16-202	<b>MIXTER</b> Forceps 6 1/4" (15.9 cm), fully curved
16-204	<b>MIXTER</b> Forceps 7 1/4" (18.4 cm), fully curved
16-206	<b>MIXTER</b> Forceps 9" (22.9 cm), fully curved
16-208	<b>GEMINI-MIXTER</b> Forceps 5 1/2" (14 cm), delicate, fully curved
16-209	<b>GEMINI-MIXTER</b> Forceps 6 1/4" (15.9 cm), delicate, fully curved
16-210	<b>GEMINI-MIXTER</b> Forceps 7" (17.8 cm), delicate, fully curved
16-212	<b>GEMINI-MIXTER</b> Forceps 8" (20.3 cm), delicate, fully curved
16-214	<b>GEMINI-MIXTER</b> Forceps 9" (22.9 cm), delicate, fully curved
16-216	<b>GEMINI-MIXTER</b> Forceps 11" (27.9 cm), delicate, fully curved
16-224	Mini- <b>GEMINI-MIXTER</b> Forceps 7" (17.8 cm), delicate short jaws, fully curved



48-128  
48-130

16-250  
16-252  
16-254  
16-256

36-108  
36-110

48-134  
48-136

16-260  
16-262

48-128 **DOYEN** Forceps 9" (22.9 cm), straight, flexible blades with longitudinal serrations  
48-130 **DOYEN** Forceps 9" (22.9 cm), curved, flexible blades with longitudinal serrations

48-134 **KOCHER** Intestinal Forceps 10 1/2" (26.7 cm), straight, longitudinal serrations  
48-136 **KOCHER** Intestinal Forceps 10 1/2" (26.7 cm), curved, longitudinal serrations

16-250 **BAINBRIDGE** Forceps 6" (15.2 cm), straight, longitudinal serrations  
16-252 **BAINBRIDGE** Forceps 6" (15.2 cm), curved, longitudinal serrations  
16-254 **BAINBRIDGE** Forceps 7 1/2" (19.1 cm), straight, longitudinal serrations  
16-256 **BAINBRIDGE** Forceps 7 1/2" (19.1 cm), curved, longitudinal serrations

16-260 **ADSON** Hemostatic Forceps 7 1/4" (18.4 cm), straight  
16-262 **ADSON** Hemostatic Forceps 7 1/4" (18.4 cm), curved

36-108 **LAHEY** Forceps 7 1/2" (19.1 cm), longitudinal serrations  
36-110 **LAHEY** Forceps 9" (22.9 cm), longitudinal serrations



16-270	HEISS Artery Forceps 8" (20 cm), straight
16-272	HEISS Artery Forceps 8" (20 cm), slight curve
16-274	HEISS Artery Forceps 8" (20 cm), full curve
16-330	SCHNIDT Tonsil Forceps 7 1/2" (19.1 cm), slight curve
16-334	SAWTELL Hemostatic Forceps 7 1/2" (19.1 cm), full curve
36-112	MOYNIHAN Forceps 8 1/2" (21.6 cm)
16-400	FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), straight
16-402	FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), curved
16-404	FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), straight
16-406	FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), curved





32-830	HEANEY Hysterectomy Forceps 8 1/4" (21 cm), heavy pattern, single tooth, curved
32-832	HEANEY Hysterectomy Forceps 8 1/4" (21 cm), heavy pattern, double tooth, curved
32-834	HEANEY Hysterectomy Forceps 8 1/4" (21 cm), extra heavy pattern, double tooth, curved
32-838	HEANEY-BALLENTINE Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations single tooth, curved
32-840	BALLENTINE Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations, single tooth, straight
32-842	GARLAND Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations, single tooth, angled

**ZEPPELIN-STYLE  
HYSTERECTOMY CLAMPS**

Atraumatic longitudinal serrations guarantee a secure grip.



32-870  
32-871  
32-872  
32-873

32-875  
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32-877  
32-878

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32-883

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32-886  
32-887  
32-888

**ZEP ATRAUMATIC HYSTERECTOMY FORCEPS, straight**

32-870	8" (20.3 cm)	32-871	9 1/2" (24 cm)
32-872	12" (30 cm)	32-873	14" (35 cm)

**ZEP ATRAUMATIC HYSTERECTOMY FORCEPS, slightly curved**

32-875	8" (20.3 cm)	32-876	9 1/2" (24 cm)
32-877	12" (30 cm)	32-878	14" (35 cm)

**ZEP ATRAUMATIC HYSTERECTOMY FORCEPS, strongly curved**

32-880	8" (20.3 cm)	32-881	9 1/2" (24 cm)
32-882	12" (30 cm)	32-883	14" (35 cm)

**ZEP ATRAUMATIC HYSTERECTOMY FORCEPS, right angle**

32-885	8" (20.3 cm)	32-886	9 1/2" (24 cm)
32-887	12" (30 cm)	32-888	14" (35 cm)



16-500



16-502



16-504

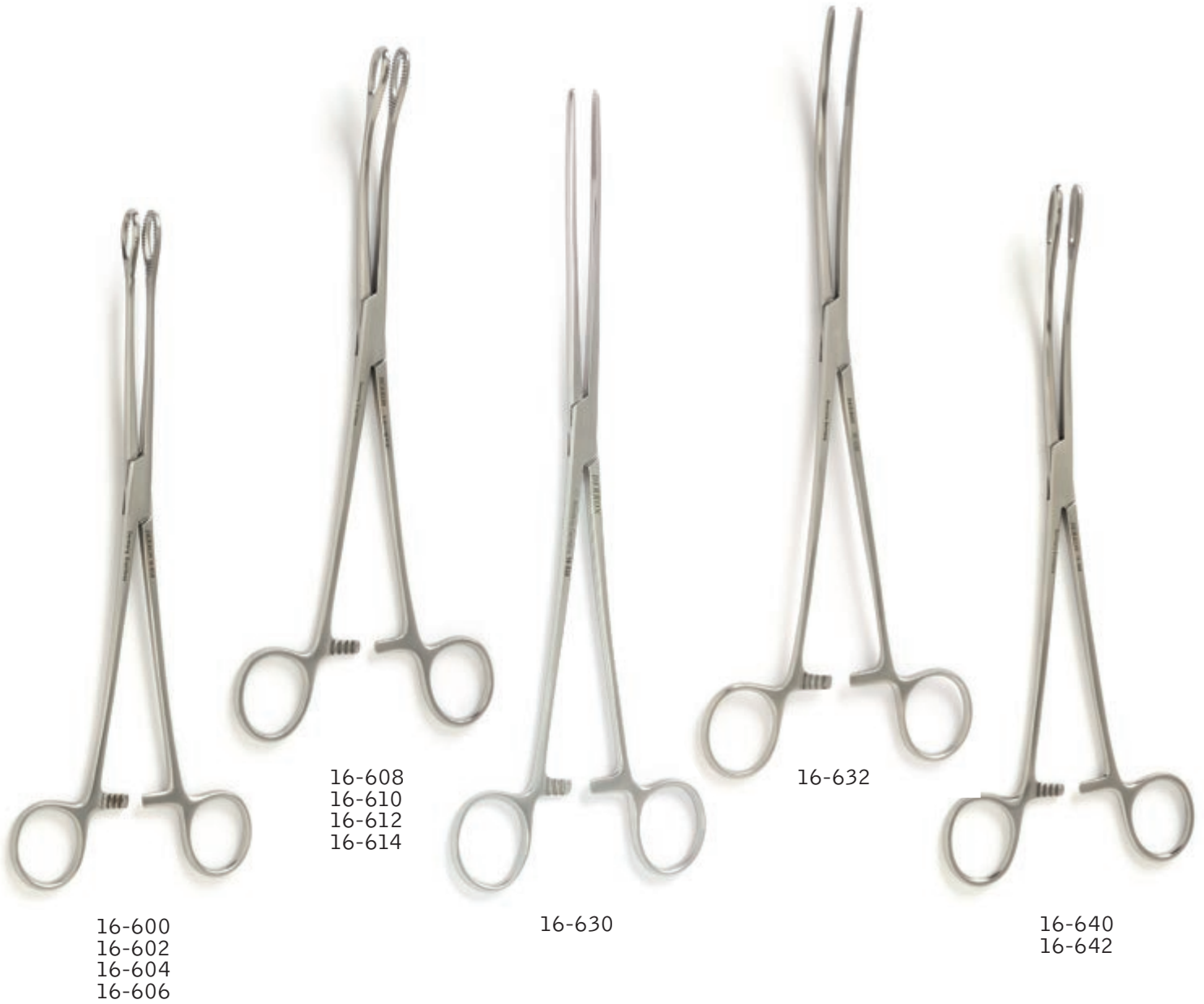


16-510  
16-512

16-500	BACKHAUS Towel Clamp 3 1/2" (8.9 cm)
16-502	BACKHAUS Towel Clamp 5 1/4" (13.3 cm)
16-504	ROEDER Towel Clamp 5 1/4" (13.3 cm)
16-510	LORNA Non-Perforating Towel Clamp 3 1/2" (8.9 cm)
16-512	LORNA Non-Perforating Towel Clamp 5 1/4" (13.3 cm)
16-514	JONES Towel Clamp 2 1/4" (5.7 cm)
16-516	JONES Towel Clamp 3 1/2" (8.9 cm)



16-514  
16-516



16-600  
16-602  
16-604  
16-606

16-608  
16-610  
16-612  
16-614

16-630

16-632

16-640  
16-642

<b>FOERSTER SPONGE FORCEPS 7" (17.8 cm)</b>			
16-600	Straight, serrated jaws	16-602	Curved, serrated jaws
16-604	Straight, smooth jaws	16-606	Curved, smooth jaws
<b>FOERSTER SPONGE FORCEPS 9 1/2" (24.1 cm)</b>			
16-608	Straight, serrated jaws	16-610	Straight, smooth jaws
16-612	Curved, serrated jaws	16-614	Curved, smooth jaws
16-630	<b>BOZEMAN</b> Sponge Forceps 10 1/2" (26.7 cm), straight		
16-632	<b>BOZEMAN</b> Sponge Forceps 10 1/2" (26.7 cm), double curve		
16-640	<b>FLETCHER</b> Sponge Forceps 9 1/2" (24.1 cm), straight		
16-642	<b>FLETCHER</b> Sponge Forceps 9 1/2" (24.1 cm), curved		



32-520



32-522



50-150

32-520 JAVERTS Polyp Forceps 10 1/2" (26.4 cm), curved, flat serrated jaws, without ratchet

32-522 JAVERTS Polyp Forceps 11" (28.3 cm), curved, flat serrated jaws, with ratchet

50-150 RANDALL Polyp Forceps 9 1/2" (23.5 cm), curved, quarter curve



18-2



18-3



18-4



18-8



18-8SR

18-2 DERF Needle Holder 4 3/4" (12.1 cm)

18-3 WEBSTER Needle Holder 4 3/4" (12.1 cm), extra delicate, smooth jaws

18-4 WEBSTER Needle Holder 5" (12.7 cm), delicate, smooth jaws, standard pattern

18-8 HALSEY Needle Holder 5" (12.7 cm), smooth jaws

18-8SR HALSEY Needle Holder 5" (12.7 cm), serrated jaws





18-10	<b>BAUMGARTNER</b> Needle Holder 5 1/2" (14 cm)
18-14	<b>COLLIER</b> Needle Holder 5" (12.7 cm), fenestrated jaws
18-16	<b>BROWN</b> Needle Holder 5 1/4" (13.3 cm), convex jaws, fine serrations
18-18	<b>BROWN</b> Needle Holder 6 3/4" (13.3 cm), convex jaws, fine serrations
<b>OLSEN-HEGAR NEEDLE HOLDERS</b> — Needle holder and Suture Scissors Combined	
18-20	4 3/4" (12.1 cm) extra delicate pattern, smooth jaws
18-22	4 3/4" (12.1 cm) extra delicate pattern, serrated jaws
18-24	5 1/2" (14 cm), serrated jaws
18-26	6 1/2" (16.5 cm), serrated jaws
18-28	7 1/2" (18.4 cm), serrated jaws



18-48	BOYNTON Needle Holder 5" (12.7 cm), delicate
18-50	MATHIEU Needle Holder 5 1/2" (14 cm), with spring handles
18-60	MAYO-HEGAR Needle Holder 5" (12.7 cm)
18-62	MAYO-HEGAR Needle Holder 6" (15.2 cm)
18-64	MAYO-HEGAR Needle Holder 7" (17.8 cm)
18-66	MAYO-HEGAR Needle Holder 8" (20.3 cm)
18-70	MAYO-HEGAR (MASSON) Needle Holder 10 1/2" (26.7 cm)
18-80	CRILE-WOOD Needle Holder 6" (15.2 cm)
18-82	CRILE-WOOD Needle Holder 7" (17.8 cm)
18-84	CRILE-WOOD Needle Holder 8" (20.3 cm)
18-86	CRILE-WOOD Needle Holder 9" (22.9 cm)



18-120  
18-122

18-126

18-128

18-120 SAROT Needle Holder 7 1/8" (18.1 cm) light model

18-122 SAROT Needle Holder 10 1/2" (26.7 cm)

18-126 HEANEY Needle Holder 8 1/2" (21.6 cm), curved jaws

18-128 STRATTE Needle Holder 9" (22.9 cm), double curve jaws and bent shanks



18-200  
18-202



18-204  
18-206



18-308

18-200	CASTROVIEJO Needle Holder 5 1/2" (14 cm), straight, without lock, smooth jaws
18-202	CASTROVIEJO Needle Holder 5 1/2" (14 cm), curved, without lock, smooth jaws
18-204	CASTROVIEJO Needle Holder 5 1/2" (14 cm), straight, with lock, smooth jaws
18-206	CASTROVIEJO Needle Holder 5 1/2" (14 cm), curved, with lock, smooth jaws
18-308	BARRAQUER Needle Holder 5 1/8" (13 cm), curved, delicate tapered jaws, 8 mm wide round handle

## TUNGSTEN CARBIDE NEEDLE HOLDERS

Tungsten Carbide Needle Holders grasp surgical needles far more securely than conventional stainless steel needle holders. The Tungsten Carbide inserts, the hardest steel made for surgical instruments, are bonded to the finest quality stainless steel needle holders. These highly durable inserts securely grip the needle, preventing it from rotating or slipping.

While this needle holder has a higher initial cost than standard stainless steel needle holders, it will provide the user with superior performance and longer life.



**WEBSTER NEEDLE HOLDER**—Extra delicate jaws ideal for facial, pediatric and ophthalmic procedures. Recommended for 7/0 and finer suture.

18-3C 4 3/4" (12.1 cm), smooth jaws  
 18-3SRC 4 3/4" (12.1 cm), serrated jaws

**WEBSTER Needle Holder**—Delicate smooth jaws ideal for facial, pediatric and ophthalmic procedures Recommended for 7/0 and finer suture.

18-4C 5 1/4" (13.3 cm), smooth jaws

**TUNGSTEN  
CARBIDE**



**PAR Needle Holder**—Extra Delicate, serrated jaws for improved needle control. Ideal for facial, pediatric and hand procedures. Recommended for 7/0 and finer suture.

18-5C 4 1/2" (11.4 cm)  
18-6C 5" (12.7 cm)

**HALSEY Needle Holder**—General purpose plastic surgery needle holder. Suggested for 6/0 and finer suture.

18-8C 5" (12.7 cm), smooth jaws  
18-8SRC 5" (12.7 cm), serrated jaws

**BAUMGARTNER Needle Holder**—Heavier pattern ideal for minor procedures and routine skin closures with serrated jaws. Recommended for 3/0 to 6/0 suture.

18-10C 5 1/2" (14 cm)

**OLSEN-HEGAR Needle Holder**—Combination needle holder and scissors with delicate jaws. Recommended for 6/0 and finer suture.

18-20C 4 3/4" (12.1 cm), smooth jaws  
18-22C 4 3/4" (12.1 cm), serrated jaws



TUNGSTEN  
CARBIDE



18-24C  
18-26C  
18-28C

18-60C  
18-62C  
18-64C  
18-66C  
18-70C

18-80C  
18-82C  
18-84C  
18-86C

18-90C  
18-92C

**OLSEN-HEGAR** Needle Holder—Heavier pattern combination needle holder and scissors with serrated jaws. Recommended for 4/0 to 2 suture.

18-24C 5 1/2" (14 cm)    18-26C 6 1/2" (16.5 cm)    18-28C 7 1/2" (18.4 cm)

**MAYO-HEGAR** Needle Holder—Heavier general purpose needle holder with serrated jaws. Recommended for 4/0 to 4 suture.

18-60C 5" (12.7 cm)    18-64C 7" (17.8 cm)    18-70C 10 1/2" (26.7 cm)  
18-62C 6" (15.2 cm)    18-66C 8" (20.3 cm)

**CRILE-WOOD** Needle Holder—General purpose needle holder with serrated jaws. Recommended for 3/0 to 6/0 suture.

18-80C 6" (15.2 cm)    18-82C 7" (17.8 cm)    18-84C 8" (20.3 cm)    18-86C 9" (22.9 cm)

**COOLEY** Needle Holder—Extra delicate with finely tapered serrated jaws ideal for vascular procedures. Recommended for 2/0 to 6/0 suture.

18-90C 6" (15.2 cm)    18-92C 6 3/4" (17.1 cm)

**TUNGSTEN  
CARBIDE**



18-120C  
18-122C



18-126C



18-128C



18-150C  
18-152C  
18-154C  
18-156C

**SAROT Needle Holder**—Bend in shank enables jaws to open with minimal movement of handles and improves tip visualization. Ideal for small incisions with limited exposure with serrated jaws  
 18-120C 7 1/4" (18.4 cm)    18-122C 10 1/2" (26.7 cm)

**HEANEY Needle Holder**—Curved heavy design ideal for placement of sutures in difficult to reach places with serrated jaws. Recommended for 3/0 to 4  
 18-126C 8 1/2" (21.6 cm)

**STRATTE Needle Holder**—Double curved jaws and shanks allows placement of needles at difficult angles with serrated jaws  
 18-128C 9" (22.9 cm)

**RYDER-Type Intracardiac Needle Holder**—Fine parallel jaws prevent flattening of needle ideal for cardiovascular procedures with serrated jaws. Recommended for 4/0 to 6/0  
 18-150C 5" (12.7 cm)    18-152C 6" (15.2 cm)    18-154C 7" (17.8 cm)    18-156C 9" (22.9 cm)

TUNGSTEN  
CARBIDE



18-204C  
18-204SRC



18-206C  
18-206SRC



18-220C  
18-222C  
18-225C



18-240C  
18-246C  
18-250C

**CASTROVIEJO Needle Holder** — Flat handle provides non-slip control ideal for facial and hand surgery. Recommended for 6/0 and finer suture.

18-204C 5 1/2" (14 cm), straight smooth jaws with lock  
18-204SRC 5 1/2" (14 cm), straight serrated jaws with lock

**CASTROVIEJO Needle Holder**— Flat handle provides non-slip control ideal for facial and hand surgery. Recommended for 6/0 and finer suture

18-206C 5 1/2" (14 cm), curved smooth jaws with lock  
18-206SRC 5 1/2" (14 cm), curved serrated jaws with lock

**JACOBSON Microvascular Needle Holder** — Fine serrated jaws with light action ideal for vascular surgery. Recommended for 7/0 and finer suture

18-220C 7" (17.8 cm), straight, serrated jaws with lock  
18-222C 7" (17.8 cm), curved, serrated jaws with lock  
18-225C 8 1/2" (21.6 cm), serrated jaws with lock

**JACOBSON Microvascular Needle Holder** — Round handles reduce hand movement and enhance finger control. Ideal for vascular surgery. Recommended for 8/0 and finer suture

18-240C 6" (15.2 cm), straight jaws with lock  
18-246C 7" (17.8 cm), straight jaws with lock  
18-250C 8" (20.3 cm), straight jaws with lock



18-504C

18-562C  
18-564C  
18-566C

18-580C  
18-582C  
18-584C  
18-586C

## AUTO-RELEASE NEEDLE HOLDERS

Opens with just a squeeze of the palm. Suitable for left handed use.

18-504C	WEBSTER Auto-Release Needle Holder 5 1/4" (13.3 cm), smooth jaws, carbide
18-562C	MAYO-HEGAR Auto-Release Needle Holder 6" (15.2 cm) serrated jaws, carbide
18-564C	MAYO-HEGAR Auto-Release Needle Holder 7" (17.8 cm), serrated jaws, carbide
18-566C	MAYO-HEGAR Auto-Release Needle Holder 8" (20.3 cm), serrated jaws, carbide
18-580C	CRILE-WOOD Auto-Release Needle Holder 6" (15.2 cm), serrated jaws, carbide
18-582C	CRILE-WOOD Auto-Release Needle Holder 7" (17.8 cm), serrated jaws, carbide
18-584C	CRILE-WOOD Auto-Release Needle Holder 8" (20.3 cm), serrated jaws, carbide
18-586C	CRILE-WOOD Auto-Release Needle Holder 9" (22.9 cm), serrated jaws, carbide

TUNGSTEN  
CARBIDE



18-1004C

18-1010C

18-1062C  
18-1064C

18-1080C  
18-1082C

## LEFT HANDED NEEDLE HOLDERS

18-1004C WEBSTER Needle Holder 5 1/4" (13.3 cm) smooth jaws

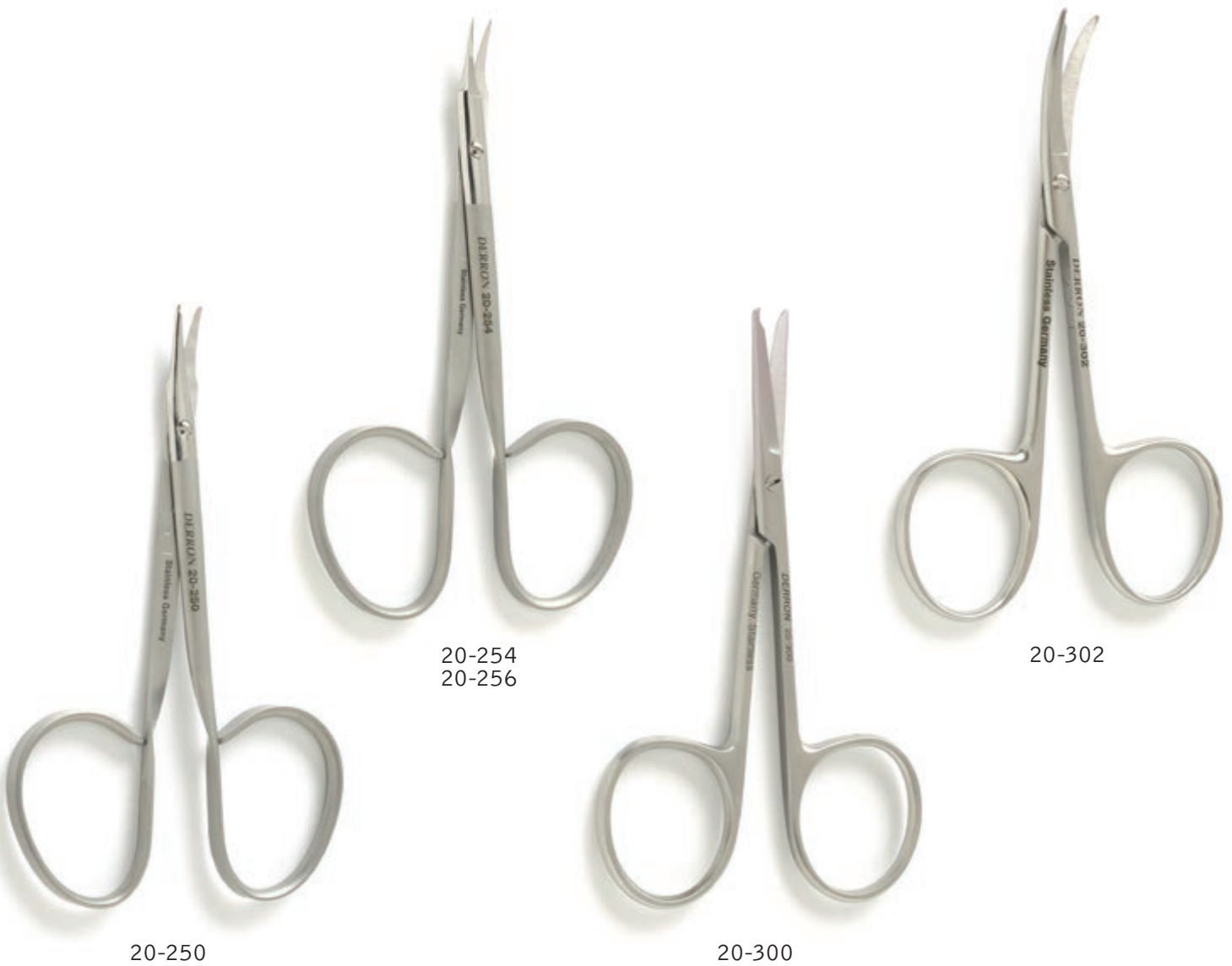
18-1010C BAUMGARTNER Needle Holder 5 1/2" (14 cm) serrated jaws

18-1062C MAYO-HEGAR Needle Holder 6" (15.2 cm) serrated jaws

18-1064C MAYO-HEGAR Needle Holder 7" (17.8 cm) serrated jaws

18-1080C CRILE-WOOD Needle Holder 6" (15.2 cm) serrated jaws

18-1082C CRILE-WOOD Needle Holder 7" (17.8 cm) serrated jaws



20-250	REEH Stitch Scissors 3 7/8" (9.8 cm), curved sharp tips, small hook at end of blade, ribbon type
20-254	DERRON Stitch Scissors 3 7/8" (9.8 cm), curved, sharp tips, ribbon type handle
20-256	DERRON Stitch Scissors 4 7/8" (12.4 cm), curved, sharp tips, ribbon type handle
20-300	SPENCER Stitch Scissors 3 1/2" (8.9 cm), straight, delicate
20-302	SHORTBENT Stitch Scissors 3 1/2" (8.9 cm), curved, delicate





- 20-304 O'BRIEN Stitch Scissors 3 3/4" (9.5 cm), angled, sharp tips
- 20-306 DERRON Stitch Scissors 4 1/2" (11.4 cm), angled, delicate
- 20-308 LITTAUER JR. Stitch Scissors 4 1/2" (11.4 cm), light pattern
- 20-310 NORTHBENT Stitch Scissors 4 3/4" (12.1 cm), curved, light pattern
- 20-312 LITTAUER Stitch Scissors 5 1/2" (14 cm), standard pattern



20-314	LONG Oral Surgery Scissors 6" (15.2 cm)
12-300	GRADLE Eye Suture Scissors 3 3/4" (9.5 cm), slightly curved, sharp tips
12-302	GRADLE Eye Suture Scissors 4" (10.2 cm), slightly curved, sharp tips ribbon type handle
12-304	GRADLE Eye Suture Scissors 4 3/4" (12.1 cm), slightly curved, sharp tips
30-354	LITTLER Suture Carrying Scissors 4 5/8" (11.8 cm), with suture hole in blades, curved



20-352	Wire Cutting Scissors 4 3/4" (12.1 cm), straight
20-354	Wire Cutting Scissors 4 3/4" (12.1 cm), straight, one serrated blade
20-358	Wire Cutting Scissors 4 3/4" (12.1 cm), curved
20-360	Wire Cutting Scissors 4 3/4" (12.1 cm), curved, one serrated blade
20-368	Wire Cutting Scissors 4 3/4" (12.1 cm), angled on side, one serrated blade
20-368C	Wire Cutting Scissors 4 3/4" (12.1 cm), angled on side, one serrated blade, carbide
30-462	<b>OBWEGESER</b> Mandibular Awl for wire suturing 7" (17.8 cm), strong curve
30-464	<b>OBWEGESER</b> Zygomatic Arch Awl for wire suturing 9" (22.9 cm), slight curve



22-10	ALM Retractor 2 3/4" (7 cm), spread 2 1/4" (5.7 cm), prongs 1/8" (.32 cm) deep
22-12	ALM Retractor 3 7/8" (7.6 cm), spread 2 1/4" (5.7 cm), prongs 1/2" (1.3 cm) deep
22-14	DERRON Cross Action Retractor 4" (10.2 cm), sharp prongs
22-16	DERRON Cross Action Retractor 4" (10.2 cm), blunt prongs
22-38	JANSEN Mastoid Retractor 4" (10.2 cm), spread 2 1/2" (6.3 cm), sharp teeth
22-40	JANSEN Mastoid Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), blunt teeth
22-70	LAHEY Retractor 7 3/4" (19.7 cm)
22-72	GREEN Retractor 8 1/2" (21.6 cm)

# RETRACTORS

QUALITY . PRECISION . GUARANTEED .



22-310	CONVERSE Blade Retractor 3 3/4" (9.5 cm), size 1
22-312	CONVERSE Blade Retractor 3 3/4" (9.5 cm), size 2
22-314	CONVERSE Blade Retractor 3 3/4" (9.5 cm), size 3
22-316	CONVERSE Blade Retractor 3 3/4" (9.5 cm), size 4
22-330	VOLKMAN Finger Retractor 4 1/2" (11.4 cm), 2 prongs, sharp
22-332	VOLKMAN Finger Retractor 4 1/2" (11.4 cm), 2 prongs, blunt
22-334	VOLKMAN Finger Retractor 4 1/2" (11.4 cm), 3 prongs, sharp
22-336	VOLKMAN Finger Retractor 4 1/2" (11.4 cm), 3 prongs, blunt
22-340	O'CONNOR Hook 4 3/4" (12.1 cm), sharp prong
22-350	DERRON Skin Hook 4 3/4" (12.1 cm), sharp prong 2 mm dia.



22-356  
22-358

22-360

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22-372

22-374

22-376  
22-378

22-356	TYRELL Hook 5" ( 12.7 cm), sharp prong
22-358	TYRELL Hook 5" ( 12.7 cm), blunt prong
22-360	GUTHRIE Fixation Hook 5" ( 12.7 cm), sharp double prongs 1.5 mm wide
22-370	KLEINERT-KUTZ Hook 6" (12.7 cm), small size, 3 mm dia.
22-372	KLEINERT-KUTZ Hook 6" (12.7 cm), medium size, 5 mm dia.
22-374	KLEINERT-KUTZ Hook 6" (12.7 cm), large size, 7 mm dia.
22-376	FRAZIER Dura Hook 5" (12.7 cm), sharp prong
22-378	FRAZIER Dura Hook 5" (12.7 cm), blunt prong





38-110  
38-112

22-380

22-382

22-384

22-387

22-388

22-390

38-110 KNAPP Retractor 5 1/4" (13.3 cm), 4 sharp prongs

38-112 KNAPP Retractor 5 1/4" (13.3 cm), 4 blunt prongs

22-380 COTTLE Skin Hook 5 1/2" (14 cm), small shallow curve

22-382 COTTLE Skin Hook 5 1/2" (14 cm), medium deep curve

22-384 COTTLE Skin Hook 5 1/2" (14 cm), large deep curve

22-386 COTTLE Double Hook 5 1/2" (14 cm), 2 sharp prongs, 12 mm wide

22-387 COTTLE Thumb Retractor 1 1/2" (3.8 cm) working length, sharp double hook 8 mm wide

22-388 GILLES Skin Hook 7" (17.8 cm), small size

22-390 GILLES Skin Hook 7" (17.8 cm), large size



22-394

22-400

22-402

22-406

22-408  
22-410  
22-412  
22-413

38-130  
38-132  
38-134  
38-136

22-394 **FOMON Retractor** 6 1/2" (16.5 cm), two ball end prongs 11 mm wide

22-400 **FREER Skin Hook** 6" (15.2 cm), sharp double prongs 2.5 mm wide

22-402 **FREER Skin Hook** 6" (15.2 cm), blunt double prongs 2.5 mm wide

22-406 **JOSEPH Single Hook** 6 1/4" (15.9 cm), one sharps prong

22-408 **JOSEPH Double Hook** 6 1/4" (15.9 cm), two sharp prongs 2 mm

22-410 **JOSEPH Double Hook** 6 1/4" (15.9 cm), two sharp prongs 5 mm

22-412 **JOSEPH Double Hook** 6 1/4" (15.9 cm), two sharp prongs 7 mm

22-413 **JOSEPH Double Hook** 6 1/4" (15.9 cm), two sharp prongs 10 mm

**DESMARRES Lid Retractor** 5 1/2" (14 cm)

38-130 size 1, 11 mm                      38-132 size 2, 13 mm

38-134 size 3, 15 mm                      38-136 size 4, 17 mm

# RETRACTORS

QUALITY . PRECISION . GUARANTEED .



22-414  
22-416  
22-418  
22-420  
22-422  
22-424



22-426  
22-428  
22-430  
22-432  
22-434  
22-436



22-440



22-450  
22-452

<b>Flexible Neck Rake Retractor 6" (15.2 cm)</b>			
22-414	1 sharp prong	22-420	1 blunt prong
22-416	2 sharp prongs	22-422	2 blunt prongs
22-418	3 sharp prongs	22-424	3 blunt prongs
<b>Rigid Neck Rake Retractor 6" (15.2 cm)</b>			
22-426	1 sharp prong	22-432	1 blunt prong
22-428	2 sharp prongs	22-434	2 blunt prongs
22-430	3 sharp prongs	22-436	3 blunt prongs
22-440	<b>RAGNELL Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate</b>		
22-450	<b>SENN Retractor 6 3/8" (16.2 cm), sharp, double end</b>		
22-452	<b>SENN Retractor 6 3/8" (16.2 cm), blunt, double end</b>		



22-454



22-456



28-610



28-612

22-454 CRILE Retractor 4 1/2" (11.4 cm), double end, 3 x 11 and 6 x 20 mm blades

22-456 LUER S-Shape Retractor 5 1/2" (14 cm), double end 5 x 10 mm and 9 x 14 mm

28-610 AUFRICHT Nasal Retractor-Speculum 6 1/2" (16.5 cm), solid blade 45 mm long

28-612 AUFRICHT Nasal Retractor-Speculum 6 1/2" (16.5 cm), fenestrated blade 45 mm long



22-460



22-472  
22-474



22-480



22-492

22-460 LOVE Nerve Retractor 8 1/2" (21.6 cm), 7 mm wide blade

22-472 ADSON Dura Hook 8" (20.3 cm), blunt 5 mm hook at right angle

22-474 ADSON Dura & Dissecting Hook 8" (20.3 cm), sharp blade 5 mm at right angle

22-480 MEYERDING Skin Hook and Retractor 6 1/4" (15.9 cm), double end

22-492 CUSHING Vein Retractor 9" (22.9 cm), blade 11 x 13 mm



22-496  
22-498



22-502



22-504



22-506  
22-508



56-340

22-496 Baby FARABEUFR Retractor 4 3/4" (12.1 cm), double end, set of two

22-498 FARABEUFR Retractor 6" (15.2 cm), double end, set of two

22-502 GOELET Retractor 7 1/2" (19.1 cm), double end

22-504 U.S. ARMY Retractor 8 1/2" (21.6 cm), double end, set of two

22-506 PARKER Retractor 5" (12.7 cm), double end, set of two

22-508 PARKER Retractor 7 1/4" (18.4 cm), double end, set of two

56-340 HURD Tonsil Dissector and Pillar Retractor 9" (22.9 cm), (standard pattern) 9 x 25 mm blade





22-510 22-518  
 22-512 22-520  
 22-514 22-522  
 22-516

22-530

22-558

22-592  
 22-594  
 22-596

22-600 22-612  
 22-602 22-614  
 22-604 22-616

**PEDIATRIC RIBBON Retractor**  
 22-510 5/8" (1.6 cm) x 8" (20.3 cm), malleable  
 22-512 1" (2.5 cm) x 8" (20.3 cm), malleable

**RIBBON Retractor**  
 22-514 3/4" (1.9 cm) x 13" (33 cm), malleable  
 22-516 1" (2.5 cm) x 13" (33 cm), malleable  
 22-518 1 1/4" (3.2 cm) x 13" (33 cm), malleable  
 22-520 1 1/2" (3.8 cm) x 13" (33 cm), malleable  
 22-522 2" (5.1 cm) x 13" (33 cm), malleable

22-530 **ROUX Retractor** 6 5/8" (16.8 cm),  
 double end, set of three

22-558 **HEANY-SIMON Retractor** 11 1/2" (29.2 cm),  
 blade 1" (2.5 cm) x 4 1/2" (11.4 cm)

**Pediatric DEEVER Retractor**  
 22-592 5/8" (1.6 cm) x 8 1/2" (21.6 cm)  
 22-594 3/4" (1.9 cm) x 7" (17.8 cm)  
 22-596 7/8" (2.2 cm), x 8" (20.3 cm)

**DEEVER Retractor**  
 22-600 1" (2.5 cm) x 9" (22.9 cm)  
 22-602 1" (2.5 cm) x 12" (30.5 cm)  
 22-604 1" (2.5 cm) x 13" (33 cm)  
 22-612 1 1/2" (3.8 cm) X 12" (30.5 cm)  
 22-614 2" (5.1 cm) X 12" (30.5 cm)  
 22-616 3" (7.6 cm) x 12" (30.5 cm)



22-620  
22-622  
22-624  
22-626  
22-627  
22-628



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22-632  
22-634  
22-636



22-640  
22-642  
22-644  
22-646

**DEAVER Retractor with hollow grip handle**

22-620	1" (2.5 cm) x 12" (30.5 cm)	22-622	1" (2.5 cm) x 13" (33 cm)
22-624	1 1/2" (3.8 cm) x 12" (30.5 cm)	22-626	2" (5.1 cm) x 12" (30.5 cm)
22-627	3" (7.6 cm) x 12" (30.5 cm)	22-628	4" (10.2 cm) x 12" (30.5 cm)

**RICHARDSON Retractor**

22-630	9 1/2" (24.1 cm), hollow grip handle, 3/4" (1.9 cm) x 1" (2.5 cm)
22-632	9 1/2" (24.1 cm), hollow grip handle, 1" (2.5 cm) x 1 1/4" (3.2 cm)
22-634	9 1/2" (24.1 cm), hollow grip handle, 1" (2.5 cm) x 1 1/2" (3.8 cm)
22-636	9 1/2" (24.1 cm), hollow grip handle, 3/4" (1.9 cm) x 2" (5.1 cm)

**RICHARDSON Retractor**

22-640	9 1/2" (24.1 cm), loop handle, 3/4" (1.9 cm) x 1" (2.5 cm)
22-642	9 1/2" (24.1 cm), loop handle, 1" (2.5 cm) x 1 1/4" (3.2 cm)
22-644	9 1/2" (24.1 cm), loop handle, 1 1/2" (3.8 cm) x 1 1/2" (3.8 cm)
22-646	9 1/2" (24.1 cm), loop handle, 3/4" (1.9 cm) x 2" (5.1 cm)



22-660  
22-662  
22-664



22-676



22-690  
22-692  
22-694



22-700  
22-702  
22-704  
22-706

22-660	HARRINGTON Retractor 9 1/2" (24.1 cm), 1" (2.5 cm) wide blade
22-662	HARRINGTON Retractor 9 1/2" (24.1 cm), 1 1/2" (3.8 cm) wide blade
22-664	HARRINGTON Retractor 9 1/2" (24.1 cm), 2 1/2" (6.4 cm) wide blade
22-676	MAYO Abdominal Retractor 10" (25.4 cm), 2 3/4" (7 cm) wide blade
22-690	RICHARDSON-EASTMAN Retractor double end, set of two
22-692	RICHARDSON-EASTMAN Retractor 11" (27.9 cm), double end, large size
22-694	RICHARDSON-EASTMAN Retractor 10" (25.4 cm), double end, small size
22-700	KELLY Retractor 9 3/4" (24.8cm), loop handle, 1 1/2" (3.8 cm) x 2" (5.1 cm)
22-702	KELLY Retractor 9 3/4" (24.8cm), loop handle, 2" (5.1 cm) x 2 1/2" (6.4 cm)
22-704	KELLY Retractor 9 3/4" (24.8cm), loop handle, 2 1/2" (6.4 cm) x 3" (7.6 cm)
22-706	KELLY Retractor 9 3/4" (24.8cm), loop handle, 2 3/4" (7 cm) x 3 1/2" (8.9 cm)



22-708  
22-710  
22-712  
22-714



32-130  
32-132  
32-134



32-140  
32-142  
32-144

22-708	<b>KELLY</b> Retractor 7" (17.8 cm), hollow grip handle, 1 1/2" (3.8 cm) x 2" (5.1 cm)
22-710	<b>KELLY</b> Retractor 7" (17.8 cm), hollow grip handle, 2" (5.1cm) x 2 1/2" (6.4 cm)
22-712	<b>KELLY</b> Retractor 7" (17.8 cm), hollow grip handle, 2 1/2" (6.4 cm) x 3" (7.6 cm)
22-714	<b>KELLY</b> Retractor 7" (17.8 cm), hollow grip handle, 2 3/4" (7 cm) x 3 1/2" (8.9 cm)
32-130	<b>JACKSON</b> Retractor 7" (17.8 cm), 1 1/2" (3.8 cm) x 3" (7.6 cm)
32-132	<b>JACKSON</b> Retractor 7" (17.8 cm), 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm)
32-134	<b>JACKSON</b> Retractor 7" (17.8 cm), 1 1/2" (3.8 cm) x 4" (10.2 cm)
32-140	<b>EASTMAN</b> Retractor 7" (17.8 cm), 1 1/2" (3.6 cm) x 3" (7.6 cm)
32-142	<b>EASTMAN</b> Retractor 7" (17.8 cm), 1 1/2" (3.6 cm) x 3 1/2" (8.9 cm)
32-144	<b>EASTMAN</b> Retractor 7" (17.8 cm), 1 1/2" (3.6 cm) x 4" (10.2 cm)

# RETRACTORS

QUALITY . PRECISION . GUARANTEED .



32-148

32-150  
32-152  
32-154

34-30  
34-32  
34-34

22-722  
22-724  
22-726  
22-728  
22-730  
22-732  
22-734  
22-736

22-740  
22-742  
22-744  
22-746  
22-748  
22-750  
22-752  
22-754

32-148 **DE LEE** Universal Retractor 9 1/2" (24.1 cm), 2" (5.1 cm) x 2 3/4" (7 cm)

32-150 **DOYEN** Retractor 9" (22.9 cm), 1 3/4" (4.4 cm) x 2 1/2" (6.4 cm)

32-152 **DOYEN** Retractor 9" (22.9 cm), 2 1/8" (5.4 cm) x 3" (7.6 cm)

32-154 **DOYEN** Retractor 9" (22.9 cm), 2 1/4" (5.7 cm) x 3 1/2" (8.9 cm)

34-30 **SAWYER** Retractor 11" (27.9 cm), 7/8" (2.2 cm) x 2 1/2" (6.4 cm), small size

34-32 **SAWYER** Retractor 11" (27.9 cm), 1 1/8" (2.8 cm) x 3" (7.6cm), medium size

34-34 **SAWYER** Retractor 11" (27.9 cm), 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm), large size

**VOLKMAN RETRACTORS 8 1/2" (20.3 cm), ring handle**

Sharp		Blunt
22-722	2 prongs	22-724
22-726	3 prongs	22-728
22-730	4 prongs	22-732
22-734	6 prongs	22-736

**VOLKMAN RETRACTORS 8 1/2" (20.3 cm), USA pattern ring handle**

Sharp		Blunt
22-740	2 prongs	22-742
22-744	3 prongs	22-746
22-748	4 prongs	22-750
22-752	6 prongs	22-754



22-800  
22-802



22-804  
22-806  
22-812  
22-814  
22-816  
22-818



22-830  
22-832  
22-834  
22-836

22-800 WEITLANER Retractor 4" (10.2 cm), 2 x 3 teeth, sharp  
22-802 WEITLANER Retractor 4" (10.2 cm), 2 x 3 teeth, blunt

22-804 WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 teeth, sharp  
22-806 WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 teeth, blunt  
22-812 WEITLANER Retractor 6 1/2" (16.5 cm), 3 x 4 teeth, sharp  
22-814 WEITLANER Retractor 6 1/2" (16.5 cm), 3 x 4 teeth, blunt  
22-816 WEITLANER Retractor 8" (20.3 cm), 3 x 4 teeth, sharp  
22-818 WEITLANER Retractor 8" (20.3 cm), 3 x 4 teeth, blunt

22-830 BECKMAN-WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 sharp teeth with hinged blades  
22-832 BECKMAN-WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 blunt teeth with hinged blades  
22-834 BECKMAN-WEITLANER Retractor 6 1/2" (16.5 cm), 3 x 4 sharp teeth with hinged blades  
22-836 BECKMAN-WEITLANER Retractor 6 1/2" (16.5 cm), 3 x 4 blunt teeth with hinged blades





22-842  
22-844  
22-846



22-848



22-930

- |        |   |
|--------|---|
| 22-842 | GELPI Retractor 3 1/2" (8.9 cm), with grip lock, pediatric  |
| 22-844 | GELPI Retractor 5 1/2" (14 cm), with grip lock  |
| 22-846 | GELPI Retractor 6 3/4" (17.1 cm), with grip lock  |
| 22-848 | RIGBY Appendectomy Retractor 6 3/4" (17.1 cm), with grip lock blades 3/4" (1.9 cm) x 2" (5.08 cm)   |
| 22-930 | O'SULLIVAN-O'CONNOR Abdominal Retractor with 3 interchangeable blades.<br>two small size 1 3/4" (4.4 cm) x 3 1/4" (8.3 cm), one large size 2 3/4" (7 cm) x 4 1/4" (10.8 cm) |



**FOX DERMAL CURETTES**

6 1/4" (15.9 cm), round

24-1	1 mm dia.	24-4	4 mm dia.
24-2	2 mm dia.	24-5	5 mm dia.
24-3	3 mm dia.	24-6	6 mm dia.

**PIFFARD DERMAL CURETTES**

6 1/4" (15.9 cm), oval, hollow handle

24-11	Size 1 (3 mm dia.)
24-12	Size 2 (5 mm dia.)
24-13	Size 3 (6 mm dia.)
24-14	Size 4 (8 mm dia.)
24-15	Size 5 (10 mm dia.)

**PIFFARD DERMAL CURETTES**

6 1/4" (15.9 cm), oval, narrow handle

24-20	Size 00 (1 mm dia)
24-22	Size 0 (1.5 mm dia)
24-24	Size 1 (3 mm dia.)
24-26	Size 2 (4 mm dia.)
24-28	Size 3 (5 mm dia.)
24-30	Size 4 (6 mm dia.)

**KEYES DERMAL Dermal Punches 4" (10.2 cm)**

24-52	2 mm	24-55	5 mm
24-53	3mm	24-56	6 mm
24-54	4 mm	24-58	8 mm



24-300

24-302  
24-304

24-308  
24-310

24-312

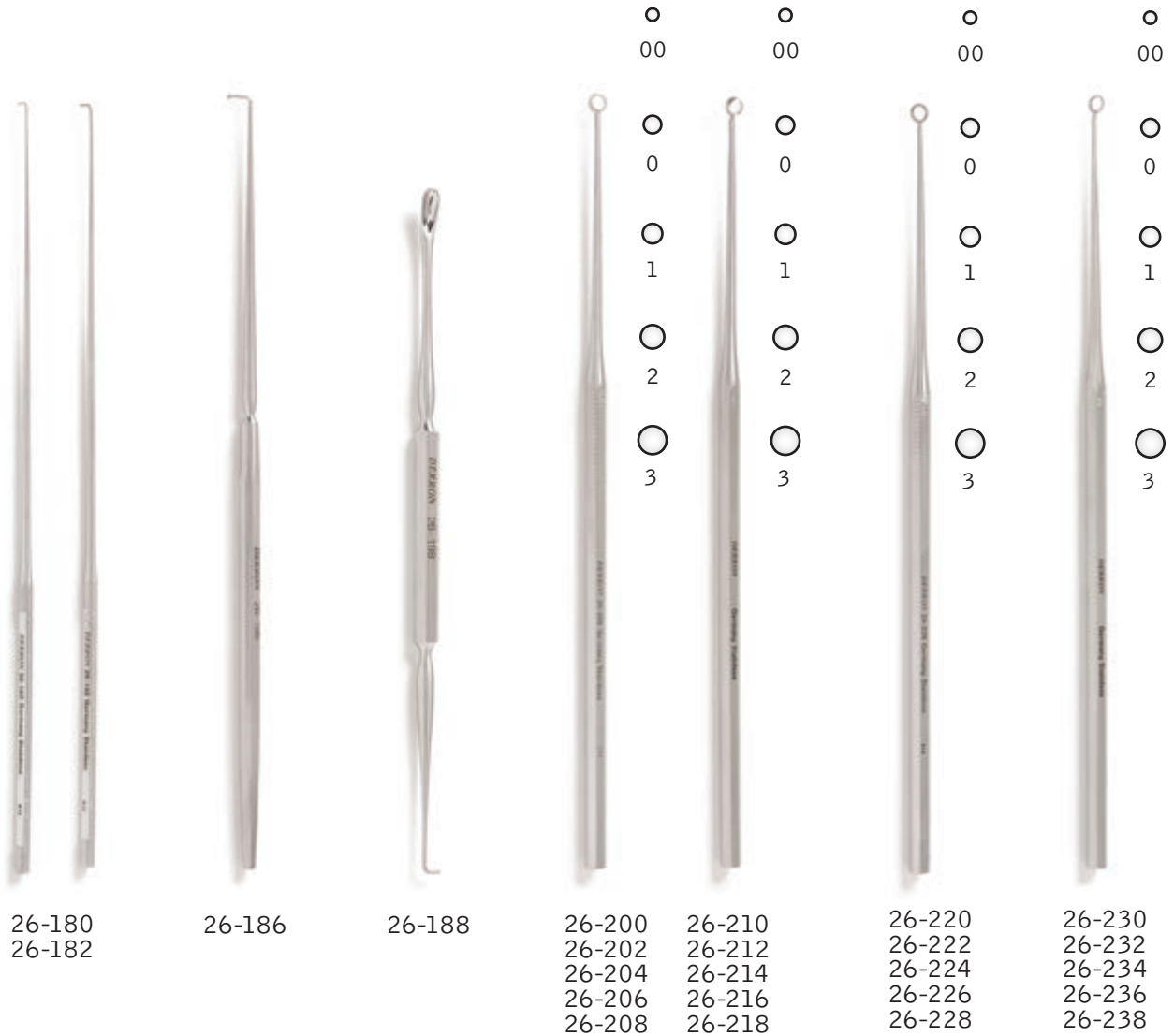
24-314

24-330

24-334

24-400  
24-402

- 24-300 **SCHAMBERG** Comedone Extractor 3 3/4" (9.5 cm), square ends
- 24-302 **SCHAMBERG** Comedone Extractor 3 3/4" (9.5 cm), crimped small end
- 24-304 **SCHAMBERG** Comedone Extractor 3 3/4" (9.5 cm), extra fine crimped end
- 24-308 **SAALFIELD** Comedone Extractor 4 1/4" (10.8 cm), with lancet
- 24-310 **SAALFIELD** Comedone Extractor 5 3/4" (14.6 cm), with lancet
- 24-312 **UNNA** Comedone Extractor 5 3/4" (14.6 cm), spoon ends
- 24-314 **DERRON** Comedone Extractor 5 1/2" (15.2 cm), one fenestrated cup and one delicate curved lancet with protective cap
- 24-330 Fingernail Drill 4" (10.2 cm), complete with 3 drill bits stored in handle, chrome
- 24-334 Replacement Drill Bit Set, small, medium, large, chrome
- 24-400 Finger Ring Cutter 6 1/2" (16.5 cm), with circular blade, chrome
- 24-402 Replacement Blade for Finger Ring Cutter, chrome



- 26-180 DAY Ear Hook 6 1/2" (16.5 cm), small size
- 26-182 DAY Ear Hook 6 1/2" (16.5 cm), large size
- 26-186 ALLPORT Mastoid Searcher 6 1/2" (16.5 cm), with ball tip
- 26-188 GROSS Ear Hook and Spoon 5" (12.7 cm)

BUCK EAR CURETTES 6 1/2" (18.5 cm), sharp		
Straight	Size	Curved
26-200	00	26-210
26-202	0	26-212
26-204	1	26-214
26-206	2	26-216
26-208	3	26-218

BUCK EAR CURETTES 6 1/2" (18.5 cm), blunt		
Straight	Size	Curved
26-220	00	26-230
26-222	0	26-232
26-224	1	26-234
26-226	2	26-236
26-228	3	26-238



1  
2  
3

26-240  
26-242  
26-244



26-246  
26-248



26-252



26-254

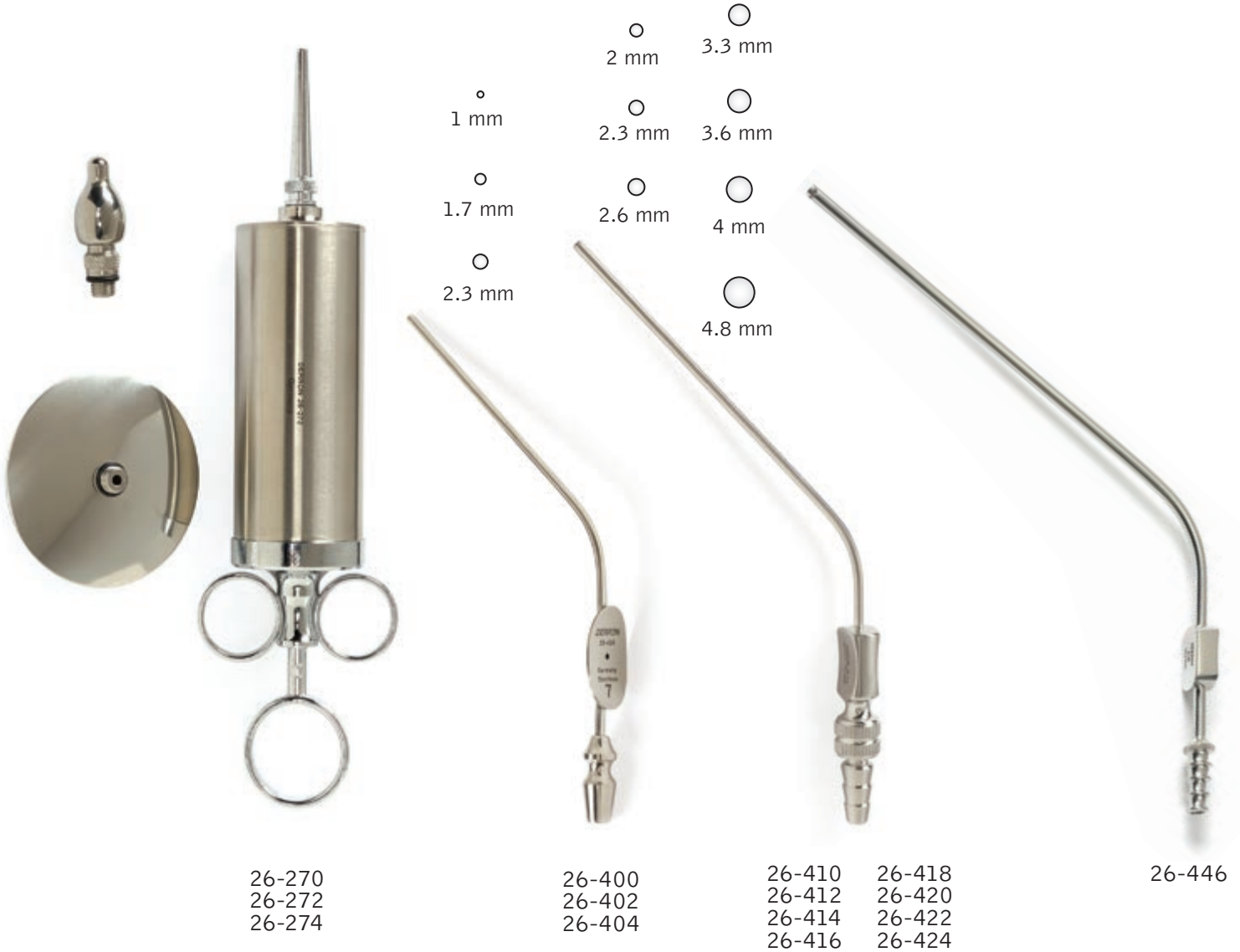


26-255



26-256  
26-258

26-240	<b>BILLEAU</b> Flexible Ear Loop 6 1/2" (16.5 cm), small size No.1
26-242	<b>BILLEAU</b> Flexible Ear Loop 6 1/2" (16.5 cm), medium size No.2
26-244	<b>BILLEAU</b> Flexible Ear Loop 6 1/2" (16.5 cm), large size No.3
26-246	<b>SHAPLEIGH</b> Ear Curette 6" (15.2 cm), small size, serrated loop
26-248	<b>SHAPLEIGH</b> Ear Curette 6" (15.2 cm), large size, serrated loop
26-252	<b>WILDE</b> Ear Dressing Forceps 5" (12.7 cm), angular with serrated tips
26-254	<b>LUCAE</b> Ear Dressing Forceps 5 1/2" (14 cm), serrated tips
26-255	<b>JANSEN</b> Dressing Forceps 6 1/4" (15.9 cm), extra delicate 2 mm wide serrated tips
26-256	<b>JANSEN</b> Dressing Forceps 6 1/4" (15.9 cm), serrated tips
26-258	<b>ADSON</b> Dressing Forceps 8 1/4" (21 cm), serrated tips



26-270  
26-272  
26-274

26-400  
26-402  
26-404

26-410 26-418  
26-412 26-420  
26-414 26-422  
26-416 26-424

26-446

**EAR SYRINGES**, All stainless steel with precision plunger, shaft graduated in 1/2" (.015 liter) ounces, complete with one tapered, one short bulbous tip and shield

26-270 2 oz. (.06 liter)      26-272 3 oz. (.09 liter)      26-274 4 oz. (.12 liter)

**BARON Suction Tube**, working length 3 3/4" (9.4 cm)

26-400 3 French      26-402 5 French      26-404 7 French

**FRAZIER SUCTION TUBES** working length 4 3/4"

26-410	6 French (2 mm)	26-418	10 French (3.3 mm)
26-412	7 French (2.3 mm)	26-420	11 French (3.6 mm)
26-414	8 French (2.6 mm)	26-422	12 French (4 mm)
26-416	9 French (3 mm)	26-424	14 French (4.8 mm)

26-446 **MCCULLOCH Suction Tube** 12 French, working length 6" (15.2 cm)





26-480  
26-482  
26-484  
26-486

26-490  
26-492  
26-494  
26-496

26-470  
26-472  
26-474  
26-476

26-470	DERRON Micro Tubular Shaft Ear Forceps 3" (7.6 cm) shaft, serrated jaws 1 mm wide, straight
26-472	DERRON Micro Tubular Shaft Ear Forceps 3" (7.6 cm) shaft, serrated jaws 1 mm wide, angled up
26-474	DERRON Micro Tubular Shaft Ear Forceps 3" (7.6 cm) shaft, serrated jaws 1 mm wide, curved right
26-476	DERRON Micro Tubular Shaft Ear Forceps 3" (7.6 cm) shaft, serrated jaws 1 mm wide, curved left
26-480	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, serrated jaws 1.8 mm wide, straight
26-482	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, serrated jaws 1.8 mm wide, angled up
26-484	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, serrated jaws 1.8 mm wide, curved right
26-486	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, serrated jaws 1.8 mm wide, curved left
26-490	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, round cup jaws 2 mm, straight
26-492	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, round cup jaws 2 mm, angled up
26-494	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, round cup jaws 2 mm, curved right
26-496	DERRON Micro Tubular Shaft Ear Forceps 3 3/4" (9.5 cm) shaft, round cup jaws 2 mm, curved left

26-500



26-503



26-502



26-500 Micro **HARTMAN** Alligator Ear Forceps 3" (7.6 cm) shaft, extremely delicate serrated jaws  
0.6 mm x 4 mm

26-502 Micro **HARTMAN** Alligator Ear Forceps 3" (7.6 cm) shaft, extremely delicate serrated jaws  
0.6 mm x 6 mm

26-503 Micro **HARTMAN** Alligator Ear Forceps 3" (7.6 cm) shaft, extremely delicate serrated jaws  
1 mm x 6 mm



26-504  
26-506

26-508  
26-510  
26-512

26-504	HARTMAN Ear Forceps 5" (12.7 cm), delicate serrated jaws 2 mm x 6 mm
26-506	HARTMAN Ear Forceps 5.5" (12.7 cm), delicate serrated jaws 2.5 mm x 6 mm
26-508	HARTMAN-HERZFELD Alligator Ear Forceps 3" (7.6 cm) shaft, 1.5 mm round cup jaws
26-510	HARTMAN-HERZFELD Alligator Ear Forceps 3" (7.6 cm) shaft, 2 mm round cup jaws
26-512	HARTMAN-HERZFELD Alligator Ear Forceps 3" (7.6 cm) shaft, 2.5 mm round cup jaws



26-514

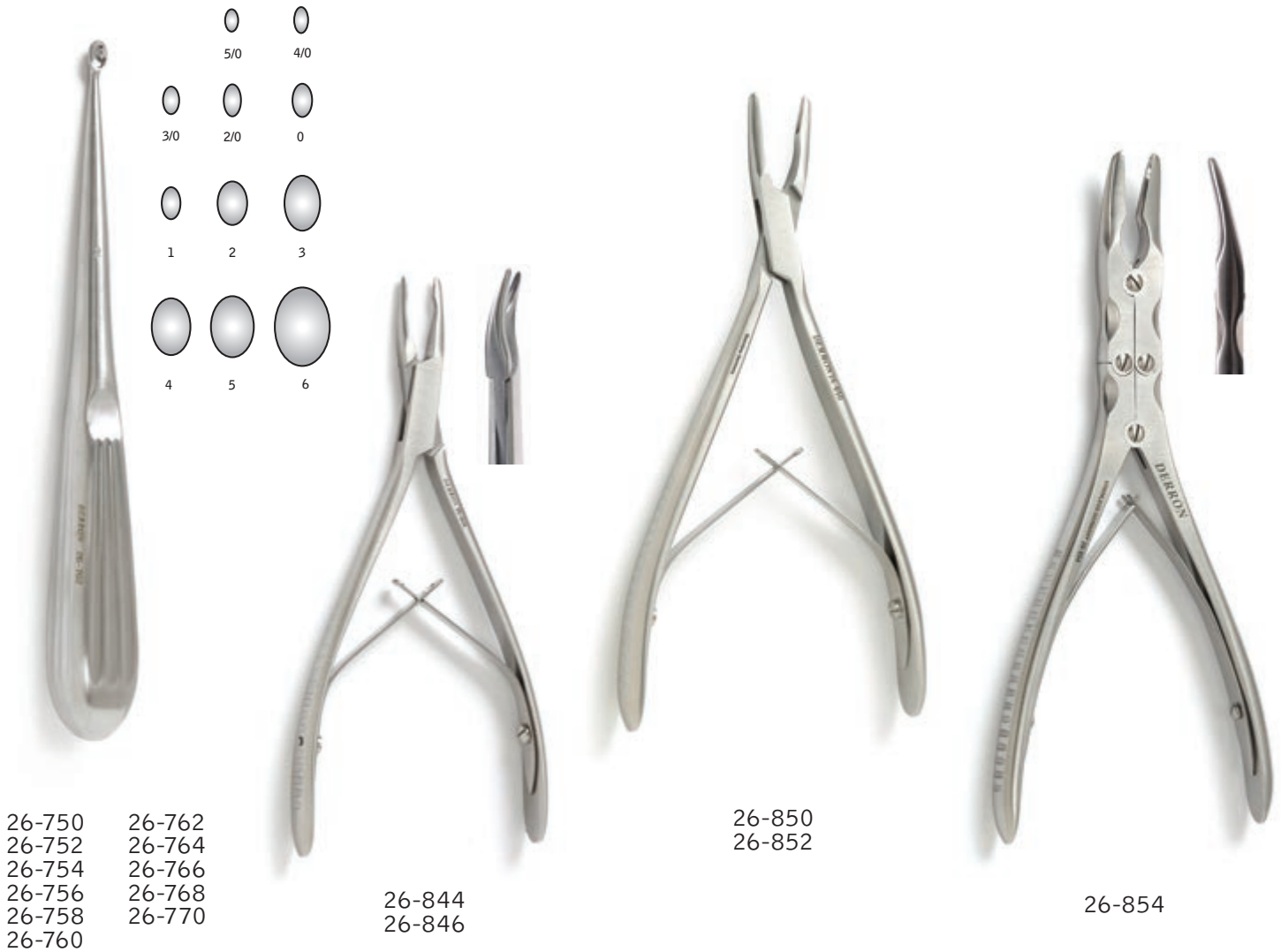


26-520



26-522

26-514	<b>HARTMAN-NOYES</b> Alligator Ear Forceps 3" (7.6 cm) shaft, 1.6 mm x 9 mm serrated jaws
26-520	<b>STRUEMPEL</b> Alligator Ear Forceps 3" (7.6 cm) shaft, 2.5 mm x 8 mm fenestrated oval jaws
26-522	<b>Duckbill</b> Alligator Ear Forceps 3" (7.6 cm) shaft, very flat serrated jaws, rounded tips 0.9 mm x 8 mm



26-750  
26-752  
26-754  
26-756  
26-758  
26-760

26-762  
26-764  
26-766  
26-768  
26-770

26-844  
26-846

26-850  
26-852

26-854

**SPRATT (BRUN) MASTOID CURETTES 6 1/2" (16.5 cm), oval cups**

26-750	Size 5/0	26-762	Size 2
26-752	Size 4/0	26-764	Size 3
26-754	Size 3/0	26-766	Size 4
26-756	Size 2/0	26-768	Size 5
26-758	Size 0	26-770	Size 6
26-760	Size 1		

26-844 Micro **FREIDMAN** Rongeur 5 1/2" (14 cm), straight, extra delicate 1.3 mm bite extra delicate 1.3 mm bite

26-846 Micro **FREIDMAN** Rongeur 5 1/2" (14 cm), curved, extra delicate 1.3 mm bite extra delicate 1.3 mm bite

26-850 **LEMPERT** Rongeur 6 1/4" (15.9 cm), straight, delicate 2.5 mm bite

26-852 **LEMPERT** Rongeur 6 1/4" (15.9 cm), curved, delicate 2.5 mm bite

26-854 **BEYER** Rongeur 7" (17.8 cm), double action, slightly curved jaws, 3.5 mm wide



28-10  
28-12  
28-14



28-20



28-30  
28-32  
28-34  
28-36



28-40-35  
28-40-50  
28-40-75  
28-40-90

28-10	VIENNA Nasal Speculum 5 3/4" (14.6 cm), small
28-12	VIENNA Nasal Speculum 5 3/4" (14.6 cm), medium
28-14	VIENNA Nasal Speculum 5 3/4" (14.6 cm), large
28-20	TIECK-HALLE Infant Nasal Speculum 5 3/4" (14.6 cm)
28-30	KILLIAN Septum Speculum 6" (15.2 cm) with set screw, 2" (5.1 cm) long blades
28-32	KILLIAN Septum Speculum 6" (15.2 cm) with set screw, 2 1/2" (6.4 cm) long blades
28-34	KILLIAN Septum Speculum 6" (15.2 cm) with set screw, 3" (7.6 cm) long blades
28-36	KILLIAN Septum Speculum 6" (15.2 cm) with set screw, 3 1/2" (8.9 cm) long blades
28-40-35	COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 35 mm long blades, ebony finish
28-40-50	COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 50 mm long blades, ebony finish
28-40-75	COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 75 mm long blades, ebony finish
28-40-90	COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 90 mm long blades, ebony finish





26-252



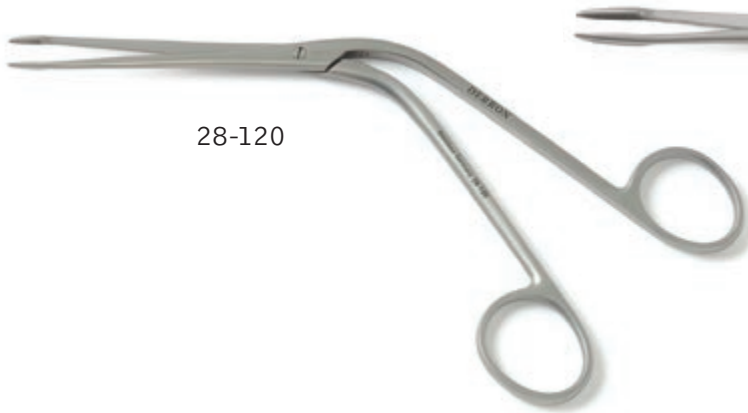
26-254



26-255



26-256  
26-258



28-120



28-122

26-252	<b>WILDE</b> Dressing Forceps 6 1/2" (16.5 cm), angular
26-254	<b>LUCAS</b> Dressing Forceps 5 1/2" (14 cm), serrated tips
26-255	<b>JANSEN</b> Dressing Forceps 6 1/4" (15.9 cm), extra delicate 2 mm wide serrated tips
26-256	<b>JANSEN</b> Dressing Forceps 6 1/4" (15.9 cm), serrated tips
26-258	<b>ADSON</b> Dressing Forceps 8 1/4" (21 cm), serrated tips
28-120	<b>HARTMAN</b> Nasal Dressing Forceps 6 1/4" (17.8 cm), delicate pattern serrated jaws, 2 mm x 6 mm
28-122	<b>HARTMAN</b> Nasal Dressing Forceps 8" (18.4 cm), standard pattern serrated jaws, 2.5 mm x 6 mm



28-130  
28-132  
28-134



28-124



28-152



28-156

28-124	KNIGHT Nasal Forceps 6 3/4" (17.1 cm), standard pattern, serrated jaws
28-130	NOYES Alligator Forceps 5 1/2" (14 cm ), shaft, serrated jaws
28-132	NOYES Alligator Forceps 6 1/2" (16.5 cm), shaft, serrated jaws
28-134	NOYES Alligator Forceps 5 1/2" ( 14cm), shaft, 1 x 2 teeth
28-152	HEYMAN Nasal Scissors 6 3/4" (17.1 cm), angled on side
28-156	SEILER Turbinate Scissors 6 1/4" (15.9 cm), angled on side



28-210  
28-212  
28-214

28-216  
28-218  
28-220

28-222

28-224

30-64

### BALLENGER SWIVEL KNIVES 7 3/4" (19.7 cm)

Straight	Width	Bayonet
28-210	3 mm	28-216
28-212	4 mm	28-218
28-214	5 mm	28-220

28-222 **FREER** Submucous Knife 7 1/2" (19.1 cm), angled blade

28-224 **PIERCE** Double End Elevator 8 1/2" (21.6 cm), with right and left blades

30-64 **FREER** Elevator 7" (17.8 cm), double end sharp and blunt blades 5 mm wide



28-228

28-240

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28-260  
28-262  
28-264  
28-266

- 28-228 **ROGER** Septum Elevator 7 3/4" (19.7 cm), double end with curved semi-sharp and blunt blades
- 28-240 **DUNNING** Elevator and Curette 8 1/4" (21 cm), blunt elevator and sharp small oval curette
- 28-244 **PENNINGTON** Septum Elevator 8 1/4" (21 cm), double end for right and left side
- 28-248 **HAJEK-BALLENGER** Septum Elevator 7 1/4" (18.4 cm), double end straight semi-sharp and blunt blades
- 28-250 **FREER** Submucous Chisel 6 1/2" (16.5 cm), straight, 4 mm wide
- 28-252 **FREER** Submucous Chisel 6 1/2" (16.5 cm), curved, 4 mm wide
- 28-254 **FREER** Septum Gouge 6 1/2" (15.9 cm), straight , 6 mm wide
- 28-260 **BALLENGER** V-Shape Chisel 6 1/4" (15.9 cm), 2 mm wide
- 28-262 **BALLENGER** V-Shape Chisel 6 1/4" (15.9 cm), 4 mm wide
- 28-264 **BALLENGER** V-Shape Chisel 6 1/4" (15.9 cm), 6 mm wide
- 28-266 **BALLENGER** V-Shape Chisel 6 1/4" (15.9 cm), 8 mm wide



28-450  
28-452  
28-454  
28-456



28-460  
28-462  
28-464  
28-466



28-470



26-410  
26-412  
26-414  
26-416

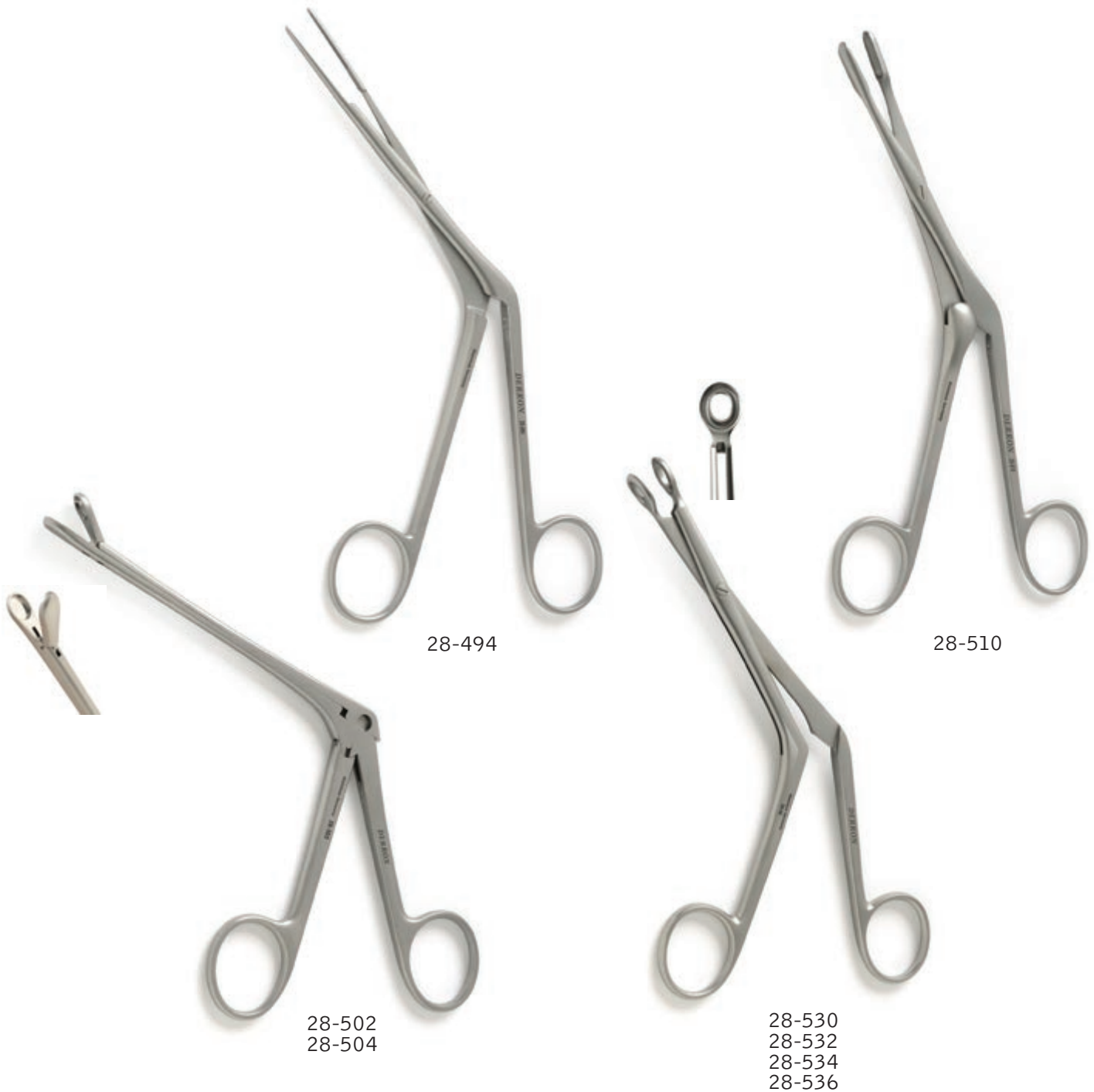
**KILLIAN (VON EICKEN) Antrum Cannula 5 3/4" (14.6 cm)**

- 28-450 Dia. at tip 2.0 mm bulbous tip center opening, short curve, stainless
- 28-452 Dia. at tip 2.5 mm bulbous tip center opening, short curve, stainless
- 28-454 Dia. at tip 3.0 mm bulbous tip center opening, short curve, stainless
- 28-456 Dia. at tip 4.0 mm bulbous tip center opening, short curve, stainless
- 28-460 Dia. at tip 2.0 mm bulbous tip center opening, long curve, stainless
- 28-462 Dia. at tip 2.5 mm bulbous tip center opening, long curve, stainless
- 28-464 Dia. at tip 3.0 mm bulbous tip center opening, long curve, stainless
- 28-466 Dia. at tip 4.0 mm bulbous tip center opening, long curve, stainless

**28-470 FRAZIER-FERGUSON Suction Tube 9 French, straight with finger cut-off working length 5 1/4"(13.3 cm)**

**FRAZIER Suction Tube, working length 4 3/4" (12 cm)**

- |        |          |        |          |
|--------|----------|--------|----------|
| 26-410 | 6 French | 26-414 | 8 French |
| 26-412 | 7 French | 26-416 | 9 French |



28-494	<b>WESTMACOTT</b> Septum Forceps 8" (20 cm), long narrow serrated jaws 2 mm wide	
28-502	<b>WATSON-WILLIAMS</b> Polyp Forceps 7 3/4" (19.7 cm), small jaws 6 mm wide, shaft 4 1/4" (8.3 cm)	
28-504	<b>WATSON-WILLIAMS</b> Polyp Forceps 7 3/4" (19.7 cm), large jaws 9 mm wide, shaft 4 1/4" (8.3 cm)	
28-510	<b>KNIGHT</b> Septum Forceps 6 3/4" (17.1 cm), 5 x 15 mm cup jaws, shaft 3 1/4" (8.3 cm)	
	<b>BRUENING SEPTUM FORCEPS</b> 7 1/2" (19.1 cm), fenestrated cup jaws	
28-530	6 mm wide	28-534 8 mm wide
28-532	7 mm wide	28-536 9 mm wide





28-540



28-550



28-552

28-540 RUBIN Septal Morselizer 8" (20.3 cm), double action, deep serrated jaws, 5 x 17 mm angled with slip on guard

28-542 Slip-on guard for RUBIN Morselizer

28-550 JANSEN-MIDDLETON Septum Forceps 7 1/2" (19.1 cm), through-cutting 4 x 20 mm

28-552 JANSEN-MIDDLETON Septum Forceps 7 1/2" (19.1 cm), spoon-shaped cups 5 x 15 mm



28-560  
28-562



28-586



28-570  
28-572  
28-574

28-560 **TAKAHASHI** Ethmoid Forceps 4 1/2" (11.4 cm), 2.5 x 10 mm bite

28-562 **TAKAHASHI** Ethmoid Forceps 4 1/2" (11.4 cm), 4 x 10 mm bite

28-570 **WILDE (BLAKESLEY)** Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 3 x 11 mm

28-572 **WILDE (BLAKESLEY)** Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 4 x 12 mm

28-574 **WILDE (BLAKESLEY)** Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 5 x 13 mm

28-586 **STRUYKEN** Turbinate Forceps 4 1/2" (11.4 cm) shaft, through cutting 1 x 14 mm bite



28-600  
28-602  
28-604

28-606  
28-608



28-610



28-612



28-618

- 28-600     **BARNHILL** Adenoid Curette 8 1/2" (21.6 cm), size 0, 11 mm wide blade
- 28-602     **BARNHILL** Adenoid Curette 8 1/2" (21.6 cm), size 1, 13 mm wide blade
- 28-604     **BARNHILL** Adenoid Curette 8 1/2" (21.6 cm), size 2, 15 mm wide blade
- 28-606     **BARNHILL** Adenoid Curette 8 1/2" (21.6 cm), size 3, 17 mm wide blade
- 28-608     **BARNHILL** Adenoid Curette 8 1/2" (21.6 cm), size 4, 19 mm wide blade
- 28-610     **AUFRICHT** Nasal Retractor-Speculum 6 1/2" (16.5 cm), solid blade 45 mm long
- 28-612     **AUFRICHT** Nasal Retractor-Speculum 6 1/2" (16.5 cm), fenestrated blade 45 mm long
- 28-618     **LOTHROP** Uvula Retractor 7 1/4" (18 cm) shaft, grooved blade 18 x 40 mm with 5 mm lip



30-64

30-66

30-74

30-76

30-80

30-64 **FREER** Septum Elevator 7" (17.8 cm), double end, sharp and blunt blades 5 mm wide

30-66 **COTTLE** Septum Elevator 9" (22.9 cm), double end graduated in cm.

30-74 **JOSEPH** Periosteal Elevator 7" (17.8 cm), blade 6.5 mm wide, strong curve

30-76 **FOMON** Periosteal Elevator 6 1/4" (15.9 cm), slightly curved blade 4.5 mm wide

30-80 **COTTLE** Skin Elevator 7 1/2" (19.1 cm), slightly curved blade 9 mm wide



30-120-2  
30-120-4  
30-120-6  
30-120-8  
30-120-10  
30-120-12  
30-120-15

30-130-4  
30-130-7  
30-130-9  
30-130-12

30-150-10  
30-150-12  
30-150-14  
30-150-16

### SHEEHAN OSTEOTOMES 6 1/4" (15.9 cm), hexagon handle

30-120-2	2 mm wide	30-120-10	10 mm wide
30-120-4	4 mm wide	30-120-12	12 mm wide
30-120-6	6 mm wide	30-120-15	15 mm wide
30-120-8	8 mm wide		

- 30-130-4 **COTTLE** Osteotome 7" (17.8 cm), 4 mm wide, rounded corners
- 30-130-7 **COTTLE** Osteotome 7" (17.8 cm), 7 mm wide, rounded corners
- 30-130-9 **COTTLE** Osteotome 7" (17.8 cm), 9 mm wide, rounded corners
- 30-130-12 **COTTLE** Osteotome 7" (17.8 cm), 12 mm wide, rounded corners

- 30-150-10 **CINELLI** Osteotome 6 1/2" (16.5 cm), with double guards, 10 mm cut
- 30-150-12 **CINELLI** Osteotome 6 1/2" (16.5 cm), with double guards, 12 mm cut
- 30-150-14 **CINELLI** Osteotome 6 1/2" (16.5 cm), with double guards, 14 mm cut
- 30-150-16 **CINELLI** Osteotome 6 1/2" (16.5 cm), with double guards, 16 mm cut



30-280  
30-282  
30-284



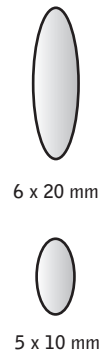
30-298



30-302



44-720



30-280	JOSEPH Nasal Saw 7 1/2" (19.1 cm), straight
30-282	JOSEPH Nasal Saw 7 1/2" (19.1 cm), bayonet right
30-284	JOSEPH Nasal Saw 7 1/2" (19.1 cm), bayonet left
30-298	COTTLE Cartilage Crusher 16 mm wide anvil with removing forceps
30-302	WILLIGER Bone Curette 5 1/2" (14 cm), double end, 3 mm and 4 mm oval cups
44-720	VOLKMAN Bone Curette 5 1/2" (14 cm), double end, oval cups, 5 x 10 and 6 x 20 mm





44-722	VOLKMAN Bone Curette 5 1/2" (14 cm), double end oval cup 6 x 10 mm and 7 mm round cup
44-724	VOLKMAN Bone Curette 5 1/2" (14 cm), double end, oval cup 8 x 14 mm and 10 mm round cup
30-314	COTTLE Rasp 8" (20.3 cm), backward cutting
30-318	MALTZ Rasp 7" (17.8 cm), backward cutting
30-320	MALTZ Rasp 8 1/4" (21 cm), improved double end pattern, one end forward cutting the other end backward cutting



30-322  
30-324

30-326  
30-328

30-334  
30-336

4-202

30-350

30-322 AUFRICHT Glabella Rasp 7 1/2" (21 cm), curved blade, forward cutting

30-324 AUFRICHT Glabella Rasp 7 1/2" (21 cm), curved blade, backward cutting

30-326 LEWIS Rasp 7 1/2" (19.1cm), fine teeth, backward cutting

30-328 LEWIS Rasp 7 1/2" (19.1cm), coarsh teeth, backward cutting

30-334 FOMON Rasp 8 1/4" (21 cm), thin pattern double end, fine teeth flat and convex ends

30-336 FOMON Rasp 8 1/4" (21 cm), thin pattern double end, coarse teeth flat and convex ends

4-202 DERRON Instrument Cleaning Brush 7 1/4" (18.2 cm), stainless steel bristles designed to clean rasps and files, set of 3

30-350 DERRON Stainless Wire Brush 6 1/4" (15.9 cm) for cleaning rasps and files



1/2



3/4



5/6



7/8



9/10



DERRON FOMON CARBIDE RASPS 8 1/4" (21 cm), delicate 3 mm thick blades

30-340C    Size 1 & 2  
 30-342C    Size 3 & 4  
 30-344C    Size 5 & 6

30-346C    Size 7 & 8  
 30-348C    Size 9 & 10



- 30-354 **LITTLER** Suture Carrying Scissors 4 5/8" (11.8 cm), with suture hole in blades, curved
- 30-360 **FOMON** Saber-Back Scissors 5" (12.7 cm), slightly curved with semi-sharp outer edges for dissection
- 30-364 **FOMON** Dorsal Scissors 5 1/2" (14 cm), light pattern, angular shanks
- 30-368 **DERRON** Saber-Back Rhytidectomy Scissors 5 3/4" (14.6 cm), curved with semi-sharp outer edges for dissection



30-380

30-382

30-386

30-400

30-402

30-380	<b>GORNEY</b> Facelift Scissors 7 3/4" (19.7 cm), straight, one serrated blade
30-382	<b>GORNEY</b> Facelift Scissors 7 3/4" (19.7 cm), slightly curved, one serrated blade
30-386	<b>COTTLE</b> Dorsal Scissors 6 1/2" (16.5 cm) heavy pattern with rounded blades
30-400	<b>JOSEPH</b> Nasal Scissors 5 3/4" (14.6 cm), straight, sharp tips
30-402	<b>JOSEPH</b> Nasal Scissors 5 3/4" (14.6 cm), curved, sharp tips



44-936  
44-938

30-462

30-464

30-1290

- 44-936      **KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), straight**
- 44-938      **KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), angled**
- 30-462      **OBWEGESER Mandibular Awl for wire suturing 7" (17.8 cm), strong curve**
- 30-464      **OBWEGESER Zygomatic Arch Awl for wire suturing 9" (22.9 cm), slightly curved**
- 30-1290     **NABATOFF Vein Striper Set, includes 2 probe tips, 9 mm, 12 mm and 15 mm olive, and handle with screws on either end of 34" (86.4 mm) cable and sterilizer case**





32-2  
32-4  
32-6



32-6XL  
32-6XXL

- |         |   |
|---------|---|
| 32-2    | GRAVES Vaginal Speculum, small Size 3/4" (1.9 cm) x 3" (7.6)                    |
| 32-4    | GRAVES Vaginal Speculum, medium Size 1 3/8" (3.5 cm) x 4" (10.2 cm)             |
| 32-6    | GRAVES Vaginal Speculum, large Size 1 1/2" (3.8 cm) x 4 1/2" (11.4 cm)          |
| 32-6XL  | CLINTON-GRAVES extra long Vaginal Speculum 1 3/4" (4.5 cm) x 6" (15.2 cm)       |
| 32-6XXL | CLINTON-GRAVES extra-extra long Vaginal Speculum 1 3/4" (4.5 cm) x 7" (17.8 cm) |



32-10



32-12  
32-14



32-16  
32-18  
32-20  
32-38  
32-40

**OPEN-SIDED VAGINAL SPECULA** The open side allows easy entrance and exit of additional instruments

- 32-10 GRAVES medium size, right opening, 1 3/8" (3.5 cm) x 4" (10.2 cm), angled
- 32-12 GRAVES medium size, left opening 1 1/2" (3.8 cm) x 4" (10.2 cm)
- 32-14 GRAVES large size, left opening 1 1/2" (3.8 cm) x 4 1/2" (10.2 cm)
- 32-16 GRAVES medium size, right opening 1 1/2" (3.8 cm) x 4" (10.2 cm)
- 32-18 GRAVES large size, right opening 1 1/2" (3.8 cm) x 4 1/2" (10.2 cm)
- 32-20 CLINTON-GRAVES extra large, right opening 1 1/2" (3.8 cm) x 6" (15.2 cm)
- 32-38 PEDERSON medium size, right opening 1" (2.5 cm) x 4" (10.2 cm)
- 32-40 CLINTON-PEDERSON extra large, right opening 1" (2.5 cm) x 6" (15.2 cm)



## PEDERSON VAGINAL SPECULA, NARROW BLADES

32-30	Small Size 1/2" (1.3 cm) x 3" (7.6 cm)
32-32	Medium Size 7/8" (2.2 cm) x 4" (10.2 cm)
32-34	Large Size 1" (2.5 cm) x 4 3/4" (12.1 cm)
32-36	Extra Narrow 5/8" (1.6 cm) x 4" (10.2 cm)
32-34XL	CLINTON-PEDERSON extra long Vaginal Speculum 1" (2.5 cm) X 6" (15.2 cm)



standard speculum



32-21 32-44  
32-22 32-46  
32-24 32-48



32-26 32-50  
32-28 32-52

**WIDE-VIEW VAGINAL SPECULUMS**

Wide-View Speculums provide greater visibility and improved instrument movement

32-21	GRAVES small size 3/4" (1.9 cm) x 3" (7.6 cm)
32-22	GRAVES medium size 1 3/8" (3.5 cm) x 4" (10.2 cm)
32-24	GRAVES large size 1 1/2" (3.8 cm) x 4 1/2" (11.4 cm)
32-44	PEDERSON small size 1/2" (1.3 cm) x 3" (7.60cm)
32-46	PEDERSON medium size 7/8" (2.2 cm) x 4" (10.2 cm)
32-48	PEDERSON large size 1" (2.5 cm) x 4 3/4" (12.1 cm)
32-26	GRAVES Extra Wide medium size 1 1/2" (3.8 cm) x 4" (10.2 cm)
32-28	GRAVES Extra Wide large size 1 1/2" (3.8 cm) x 4 3/4" (12.1 cm)
32-50	PEDERSON Extra Wide medium size 1" (2.5 cm) x 4" (10.2 cm)
32-52	PEDERSON Extra Wide large size 1" (2.5 cm) x 4 3/4" (12.1 cm)



32-90  
32-92  
32-94

32-96  
32-98  
32-100

32-114  
32-116  
32-118

32-120

32-90	<b>SIMS</b> Vaginal Speculum 10" (25.4 cm), single end 1" (2.7 cm) x 2 1/2" (6.4 cm)
32-92	<b>SIMS</b> Vaginal Speculum 10" (25.4 cm), single end 1 1/4" (3.2 cm) x 3" (7.6 cm)
32-94	<b>SIMS</b> Vaginal Speculum 10" (25.4 cm), single end 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm)
32-96	<b>SIMS</b> Vaginal Speculum, double end, small size, 1" (2.5 cm) x 2 1/2" (6.4 cm) and 1 1/4" (3.2 cm) x 3" (7.6 cm)
32-98	<b>SIMS</b> Vaginal Speculum, double end, medium size, 1 1/8" (2.8 cm) x 3" (7.6 cm) and 1 1/4" (3.2 cm) x 3 1/2" (8.9 cm)
32-100	<b>SIMS</b> Vaginal Speculum, double end, large size, 1 3/8" (3.5 cm) x 3 1/2" (8.9 cm) and 1 1/2" (3.8 cm) x 4" (10.2 cm)
	<b>AUVARD</b> Weighted Vaginal Speculum 9" (22.9 Cm)
32-114	2 lbs. (909 g), straight blade 1 1/2" (3.8 cm) x 3 1/4" (8.3 cm), slightly angled (75°)
32-116	2.5 lbs. (1136 g), straight blade 1 1/2" (3.8 cm) x 3 1/4" (8.3 cm), slightly angled (75°)
32-118	3.0 lbs. (1363 g), straight blade 1 1/2" x 3 1/4" (8.3 cm), slightly angled (75°)
32-120	<b>STEINER-AUVARD</b> Weighted Vaginal Speculum 2.5 lbs. (1136 g) slightly curved blade 1 1/4" (3.2 cm) x 5 1/2" (14 cm), slightly angled (90°)



32-130  
32-132  
32-134



32-140  
32-142  
32-144



32-148

- 32-130 JACKSON Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 3" (7.6 cm)
- 32-132 JACKSON Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm)
- 32-134 JACKSON Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 4" (10.2 cm)
- 32-140 EASTMAN Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 3" (7.6 cm)
- 32-142 EASTMAN Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm)
- 32-144 EASTMAN Retractor 7" (17.8 cm), blade 1 1/2" (3.8 cm) x 4" (10.2 cm)
- 32-148 DE LEE Universal Retractor 9 1/2" (24.1 cm), blade 2 3/4" (7 cm) x 2" (5.1 cm)





32-150  
32-152  
32-154



22-558



32-160

32-150 DOYEN Vaginal Retractor 9" (22.9 cm), blade 1 3/4" (4.4 cm) x 2 1/2" (6.4 cm)

32-152 DOYEN Vaginal Retractor 9" (22.9 cm), blade 2 1/8" (5.4 cm) x 3" (7.6 cm)

32-154 DOYEN Vaginal Retractor 9" (22.9 cm), blade 2 1/4" (5.7 cm) x 3 1/2" (8.9 cm)

22-558 HEANEY-SIMON Vaginal Retractor 11 1/2" (29.2 cm), blade 1" (2.5 cm) x 4 1/2" (11.4 cm)

32-160 O'SULLIVAN-O'CONNOR Vaginal Retractor with 3 interchangeable blades  
1/2" (1.3 cm) x 1 7/8" (4.7 cm), 1 1/2" (3.8 cm) x 3 1/2" (8.9 cm) and  
1 3/4" (4.4 cm) x 3 1/2" (8.9 cm), self retaining



32-190  
32-192  
32-194



32-200



22-848

**LATERAL VAGINAL RETRACTORS WITH OPEN SHANKS 8 1/4" (21 CM)**

For use inside Graves or Pederson Vaginal Speculums

32-190 Open Shanks, 2 1/2" (6.5 cm) blades

32-192 Open Shanks, 3 1/2" (9 cm) blades

32-194 Open Shanks, 4 1/2" (11.4 cm) blades

32-200 Lateral Vaginal Retractor 8 1/4" (21 cm), opens to a full 2 1/4" (5.7 cm)

22-848 **RIGBY** Vaginal Retractor 6 3/4" (171. cm), with grip lock, 2 1/2" (6.5 cm) blades. For use outside Graves or Pederson Vaginal Speculums



## KOGAN ENDOCERVICAL SPECULA 11" (27.9)

Available in delicate or standard tips with ratchet or screw lock mechanism

32-202	Ratchet Mechanism with standard tip 6 x 23 mm
32-204	Ratchet Mechanism with delicate tip 3 x 23 mm
32-206	Screw-Lock Mechanism with standard tip 6 x 23 mm
32-208	Screw-Lock Mechanism with delicate tip 3 x 23 mm



32-400 32-405 32-410  
 32-401 32-406 32-411  
 32-402 32-407 32-412  
 32-403 32-408  
 32-404 32-409

32-470 32-475  
 32-471 32-476  
 32-472 32-477  
 32-473 32-478  
 32-474

32-480 32-485  
 32-481 32-486  
 32-482 32-487  
 32-483 32-488  
 32-484

**HANK UTERINE DILATORS 11" (27.9 cm), double end**

32-400	Set of 6 Dilators in a Khaki Roll, sizes 11-12 Fr. (3.6-4 mm), 13-14 Fr. (4.3-4.6 mm), 15-16 Fr. (5-5.3 mm), 17-18 Fr. (5.6-6 mm), 19-20 Fr. (6.3-6.6 mm) and 21-22 Fr. (7-7.3 mm)					
32-401	7-8 Fr. (2.3-2.6 mm)	32-405	15-16 Fr. (5-5.3 mm)	32-409	23-24 Fr. (7.6-8 mm)	
32-402	9-10 Fr. (3-3.3 mm)	32-406	17-18 Fr. (5.6-6 mm)	32-410	25-26 Fr. (8.3-8.6 mm)	
32-403	11-12 Fr. (3.6-4 mm)	32-407	19-20 Fr. (6.3-6.6 mm)	32-411	27-28 Fr. (8.9-9.2 mm)	
32-404	13-14 Fr. (4.3-4.6 mm)	32-408	21-22 Fr. (7-7.3 mm)	32-412	29-30 Fr. (9.6-10 mm)	

**HEGAR UTERINE DILATORS 7 1/2" (19.1 cm), double end**

32-470	Set of 8 in a Khaki Roll, sizes 3-4 mm to 17-18 mm						
32-471	3-4 mm	32-473	7-8 mm	32-475	11-12 mm	32-477	15-16 mm
32-472	5-6 mm	32-474	9-10 mm	32-476	13-14 mm	32-478	17-18 mm

**PRATT UTERINE DILATORS 11 1/2" (29.2 cm), double end**

32-480	Set of 8 Dilators in a Khaki Roll, sizes 13-15 Fr. (4.3-5 mm) to 41-43 Fr. (13.5 -14.2 mm)					
32-481	13-15 Fr. (4.3-4.6 mm)	32-484	25-27 Fr. (8.3-9 mm)	32-487	37-39 Fr. (12.2-12.9 mm)	
32-482	17-19 Fr. (5.6-6.3 mm)	32-485	29-31 Fr. (9.6-10.2 mm)	32-488	41-43 Fr. (13.5-14.2 mm)	
32-483	21-23 Fr. (7-7.6 mm)	32-486	33-35 Fr. (10.9-11.6 mm)			



32-492



32-494



16-608  
16-610



16-612  
16-614

32-492 **SIMS** Uterine Sound 13" (33 cm), graduated in cm, malleable, silver plated

32-494 **SIMPSON** Uterine Sound 13" (33 cm), graduated in inches, malleable, silver plated

16-608 **FOERSTER** Sponge Forceps 9 1/2" (24.1 cm), straight, serrated jaws

12-610 **FOERSTER** Sponge Forceps 9 1/2" (24.1 cm), straight, smooth jaws

16-612 **FOERSTER** Sponge Forceps 9 1/2" (24.1 cm), curved, serrated jaws

16-614 **FOERSTER** Sponge Forceps 9 1/2" (24.1 cm), curved, smooth jaws



16-630



16-632



16-640  
16-642

16-630	<b>BOZEMAN</b> Uterine Dressing Forceps 10 1/2" (26.7 cm), straight
16-332	<b>BOZEMAN</b> Uterine Dressing Forceps 10 1/2" (26.7 cm), double curved
16-640	<b>FLETCHER</b> Polyp and Cervix Holding Forceps 9 1/2" (24.1 cm), straight serrated jaws
16-642	<b>FLETCHER</b> Polyp and Cervix Holding Forceps 9 1/2" (24.1 cm), curved serrated jaws





32-500  
32-502  
32-504  
32-506  
32-508

32-512

32-520

32-522

50-150

<b>EMMETT UTERINE TENACULUM HOOKS</b> 9" (22.9 cm), Sharp Tips			
32-500	# 1 Half Curve, small	32-506	# 4 Half Curve, large
32-502	# 2 Acute Angle	32-508	# 5 Double Angle
32-504	# 3 Right Angle		
32-512	<b>DERRON IUD Extractor Hook</b> 10 1/4" (26 cm)		
32-520	<b>JAVERTS Cervical Polyp Forceps</b> 10 1/2" (26.4 cm), curved, flat serrated jaws without ratchet		
32-522	<b>JAVERTS Cervical Polyp Forceps</b> 11" (28.3 cm), curved, flat serrated jaws with ratchet		
50-150	<b>RANDALL Cervical Polyp Forceps</b> 9 1/4" (23.5 cm), quarter curve		



32-548



32-563



48-48



32-564

32-548 **SCHROEDER-BRAUN** Tenaculum Forceps 9 3/4" (24.8 cm), straight

32-563 Atraumatic Tenaculum Forceps 10" (25.4 cm), straight 1/4" wide jaws

48-48 **THOMS-ALLIS** Vulsellum Forceps 8" (20.2 cm), 6 x 7 teeth

32-564 **SKENE** Uterine Vulsellum Forceps 9 1/2" (24.1 cm), curved sideways



32-580  
32-582

32-584  
32-586  
32-588

32-592

32-596

- 32-580 **JACOBS** Uterine Vulsellum Forceps 8 1/2" (21.6 cm), straight, serrated jaws, 2 x 2 teeth
- 32-582 **JACOBS** Uterine Vulsellum Forceps 8 1/2" (21.6 cm), curved sideways, serrated jaws, 2 x 2 teeth
- 32-584 **SCHROEDER** Uterine Vulsellum Forceps 10" (25.4 cm), straight
- 32-586 **SCHROEDER** Uterine Vulsellum Forceps 10" (25.4 cm), curved on flat
- 32-588 **SCHROEDER** Uterine Vulsellum Forceps 10" (25.4 cm), curved sideways
- 32-592 **DOYEN** Tumor Screw 6 3/4" (17.1 cm), screw dia. 1" (2.5 cm)
- 32-596 **SOMER** Uterine Elevating Forceps 9" (22.9 cm), curved jaws



32-600 32-608  
32-602 32-610  
32-604 32-612  
32-606 32-614

32-620 32-626  
32-622 32-628  
32-624 32-630

32-634 32-640  
32-636 32-642  
32-638 32-648

**SIMS UTERINE CURETTES 11" (27.9 cm), Sharp Blades on Malleable Shanks**

32-600	Size 00	32-606	Size 2	32-612	Size 5
32-602	Size 0	32-608	Size 3	32-614	Size 6
32-604	Size 1	32-610	Size 4		

**THOMAS UTERINE CURETTES 11" (27.9 cm), Blunt Blades on Malleable Shanks**

32-620	Size 1	32-624	Size 3	32-628	Size 5
32-622	Size 2	32-626	Size 4	32-630	Size 6

**BUMM UTERINE CURETTES 12" (30.5 cm), Extra Large Sizes on Malleable Shanks**

	Sharp	Blunt
32-634	Size 1	32-642
32-636	Size 2	—
32-638	Size 3	32-648
32-640	Size 4	—



32-650

32-652

32-654

32-656

32-660  
32-662  
32-664

32-670

- 32-650    **KEVORKIAN-YOUNGE** Endocervical Biopsy Curette 12" (30.5 cm), with basket
- 32-652    **KEVORKIAN-YOUNGE** Endocervical Biopsy Curette 12" (30.5 cm), without basket
- 32-654    **TOWNSEND** Endocervical Biopsy Curette 12" (30.5 cm), 2 x 6 mm
- 32-656    **HEANY** Uterine Biopsy Curette 9" (24.8 cm), serrated loop, malleable
- 32-660    **NOVAK** Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer Hub, 2 mm
- 32-662    **NOVAK** Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer Hub, 3 mm
- 32-664    **NOVAK** Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer Hub, 4 mm
- 32-670    **RANDALL** Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer Hub, 4 mm



32-682



32-690  
32-692



32-694

32-682 **THOMS-GAYLOR** Uterine Biopsy Forceps 8 1/2" (21.6 cm), angled shanks, curved, round interlocking jaws, 5 mm bite

32-690 **SCHUBERT** Uterine Biopsy Forceps 8 1/2" (21.6 cm), straight, 4 x 8 mm bite

32-692 **SCHUBERT** Uterine Biopsy Forceps 8 1/2" (21.6 cm), curved, 4 x 8 mm bite

32-694 **SCHUBERT** Uterine Biopsy Forceps 8 1/2" (21.6 cm), angled shanks, 4 x 8 mm bite





32-700



32-710



32-720

32-700 Baby TISCHLER Cervical Biopsy Forceps 8" (20.3 cm) shaft, 2 x 4 mm bite with thumb lock

32-710 TISCHLER Cervical Biopsy Forceps 10" (25.4cm) shaft, 3 x 7 mm bite with thumb lock

32-720 BURKE Cervical Biopsy Forceps 8" (20.3 cm) shaft, 3 x 4.5 mm bite with thumb lock



32-730 KEVORKIAN-YOUNGE Uterine Biopsy Forceps 9" (22.9 cm) shaft, 3 x 8 mm bite, teeth on lower jaw

32-732 EPPENDORFER Uterine Biopsy Forceps 9" (22.9 cm) shaft, 4 x 8 mm bite



32-740



32-750  
32-752



32-770  
32-772



32-762  
32-764



32-780  
32-782

32-740	Universal Pistol Grip Handle fits all <b>DERRON</b> Rotating Shaft Biopsy Forceps
32-750	Baby <b>TISCHLER</b> Rotating Cervical Biopsy Forceps 10" (20.3 cm), complete with pistol grip handle
32-752	Baby <b>TISCHLER</b> Biopsy Forceps shaft only
32-762	<b>TISCHLER</b> Rotating Cervical Biopsy Forceps 10" (20.3 cm), complete with pistol grip handle
32-764	<b>TISCHLER</b> Biopsy Forceps shaft only
32-770	<b>KEVORKIAN-YOUNGE</b> Rotating Cervical Biopsy Forceps 10" (20.3 cm) complete with pistol grip handle
32-772	<b>KEVORKIAN-YOUNGE</b> Biopsy Forceps shaft only
32-780	<b>EPPENDORFER</b> Rotating Cervical Biopsy Forceps 10" (20.3 cm) complete with pistol grip handle
32-782	<b>EPPENDORFER</b> Biopsy Forceps shaft only



32-830	HEANEY Hysterectomy Forceps 8 1/4" (21 cm), heavy pattern, single tooth, curved
32-832	HEANEY Hysterectomy Forceps 8 1/4" (21 cm), heavy pattern, double tooth, curved
32-834	HEANEY Hysterectomy Forceps 8 1/2" (21 cm), extra heavy pattern, double tooth, curved
32-838	HEANEY-BALLENTINE Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations single tooth, curved
32-840	BALLENTINE Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations, single tooth, straight
32-842	GARLAND Hysterectomy Forceps 8 1/2" (21 cm), longitudinal serrations, single tooth, curved



**ZEPPELIN-STYLE HYSTERECTOMY CLAMPS** - Atraumatic longitudinal serrations guarantee a secure grip

**ZEP Atraumatic Hysterectomy Forceps, straight**

32-870	8" (20.3 cm)
32-871	9 1/2" (24 cm)
32-872	12" (30 cm)
32-873	14" (35 cm)

**ZEP Atraumatic Hysterectomy Forceps, slightly curved**

32-875	8" (20.3 cm)
32-876	9 1/2" (24 cm)
32-877	12" (30 cm)
32-878	14" (35 cm)

**ZEP Atraumatic Hysterectomy Forceps, strong curve**

32-880	8" (20.3 cm)
32-881	9 1/2" (24 cm)
32-882	12" (30 cm)
32-883	14" (35 cm)

**ZEP Atraumatic Hysterectomy Forceps, angled**

32-885	8" (20.3 cm)
32-886	9 1/2" (24 cm)
32-887	12" (30 cm)
32-888	14" (35 cm)



32-920C 32-922C  
32-921C 32-923C



32-925C 32-927C  
32-926C



32-930C 32-932C  
32-931C 32-933C

**DERRON PARAMETRIUM SCISSORS** - Designed to match the curvatures of the Zeppelin-Style Forceps. Scissors have Tungsten Carbide blades with a serrated edge for precise cutting

**DERRON** Parametrium Scissors, slightly curved

32-920C	9" (23 cm)
32-921C	10" (26.5 cm)
32-922C	12" (30 cm)
32-923C	14" (35 cm)

**DERRON** Parametrium Scissors, strong curved

32-925C	9" (23 cm)
32-926C	10" (26.5 cm)
32-927C	12" (30 cm)

**DERRON** Parametrium Scissors, angled

32-930C	9" (23 cm)
32-931C	10" (26.5 cm)
32-932C	12" (30 cm)
32-933C	14" (35 cm)



12-508 MAYO Uterine Scissors 9" (22.9 cm), straight

12-510 MAYO Uterine Scissors 9" (22.9 cm), curved

12-552 DOYEN Scissors 7" (17.8 cm), straight, heavy pattern

12-554 DOYEN Scissors 7" (17.8 cm), curved, heavy pattern

12-556 FERGUSON Scissors 7" (17.8 cm), angled on flat





12-612	<b>NELSON</b> Uterine Scissors 9" (22.9 cm), straight	
12-614	<b>NELSON</b> Uterine Scissors 9" (22.9 cm), curved	
	<b>SIMS SCISSORS</b> 8" (20.3 cm)	
Straight		Curved
12-650	Sharp-sharp tips	12-656
12-652	Sharp-blunt tips	12-658
12-654	Blunt-Blunt tips	12-660
	<b>KELLY UTERINE SCISSORS</b> 6 1/4" (15.9 cm)	
Straight		Curved
12-812	Sharp tips	12-814
12-812SR	Sharp tips with one serrated blade	12-814SR
12-812C	Sharp tips, carbide	12-814C



32-950  
32-952



32-1070

32-950 BRAUN Episiotomy Scissors 5 1/2" (14 cm), angled on side, guard on lower blade

32-952 BRAUN Episiotomy Scissors 8" (20.3 cm), angled on side, guard on lower blade

32-1070 Umbilical Scissors 4 1/2" (10.5 cm)



32-2002  
32-2004  
32-2006  
32-2006XXL  
32-2030  
32-2032  
32-2034  
32-2034XXL



32-2008  
32-2010  
32-2012

**ELECTROSURGICAL VAGINAL SPECULA with Smoke Tube**

- 32-2002 **GRAVES** small size 3/4" (1.9 cm) x 3" (7.6 cm)
- 32-2004 **GRAVES** medium size 1 3/8" (3.5 cm) x 4" (10.2 cm)
- 32-2006 **GRAVES** large size 1 1/2" (3.8 cm) x 4 1/2" (11.4 cm)
- 32-206XXL **GRAVES** extra long 1 1/2" (3.8 cm) x 7" (17.8 cm)
- 32-2030 **PEDERSON** small size 1/2" (1.3 cm) x 3" (7.6 cm)
- 32-2032 **PEDERSON** medium size 7/8" (2.2 cm) x 3" (7.6 cm)
- 32-2034 **PEDERSON** large size 1" (2.5 cm) x 4 3/4" (12.1 cm)
- 32-2034XXL **PEDERSON** extra long 1" (2.5 cm) x 7" (17.8 cm)

**ELECTROSURGICAL VAGINAL SPECULA for Disposable Smoke Tube**

- 32-2008 **GRAVES** small size 3/4" (1.9 cm) x 3" (7.6 cm)
- 32-2010 **GRAVES** medium size 1 3/8" (3.5 cm) x 4" (10.2 cm)
- 32-2012 **GRAVES** large size 1 1/2" (3.8 cm) x 4 1/2" (11.4 cm)



32-2200



32-2202



32-2548

32-2200 Lateral Wall Retractor 8 1/4" (21 cm), opens to 2 1/4" (5.7 cm)

32-2202 **KOGAN** Endocervical Speculum 10 3/4" (27.3 cm), standard tip 6 x 23 mm

32-2548 **SCHROEDER-BRAUN** Uterine Tenaculum Forceps 9 3/4" (24.8 cm) straight

Additional Electrosurgical Instruments Available Upon Request



34-10



34-30  
34-32  
34-34



34-40  
34-41

34-10	<b>PRATT</b> Rectal Speculum 8 1/2" (21.6 cm), with set screw, blades 3 1/2" (8.9 cm) long x 1" (2.5 cm) wide at distal end
34-30	<b>SAWYER</b> Rectal Retractor 11" (27.9 cm), blade 7/8" (2.2 cm) x 2 1/2" (6.4 cm)
34-32	<b>SAWYER</b> Rectal Retractor 11" (27.9 cm), blade 1 1/8" (2.8 cm) x 3" (7.6 cm)
34-34	<b>SAWYER</b> Rectal Retractor 11" (27.9 cm), blade 1 1/2" (3.8 cm) x 3 1/2" (3.8 cm)
34-40	<b>PENNINGTON</b> Rectal Speculum 3 3/8" (8.6 cm) long x 1" (2.5 cm) O.D. with boilable obturator, 4 3/4" (12.1 cm) long handle
34-41	Obturator for Pennington Speculum No. 34-40



34-60  
34-62  
34-64



34-70  
34-71



34-72

- |       |   |
|-------|---|
| 34-60 | <b>BRINKERHOFF</b> Rectal Speculum, small size, 3 1/2" (8.9 cm) long x 1" (2.5 cm) tapering to 1/2" (1.3 cm)                                |
| 34-62 | <b>BRINKERHOFF</b> Rectal Speculum, medium size, 4" (10.2 cm) long x 1" (2.5 cm) tapering to 5/8" (1.6 cm)                                  |
| 34-64 | <b>BRINKERHOFF</b> Rectal Speculum, large size, 4 3/4" (12.1 cm) long x 1 1/4" (3.2 cm) tapering to 3/4" (1.9 cm)                           |
| 34-70 | <b>FANSLER-IVES</b> Rectal Speculum 3 1/4" (8.3 cm) long x 1 1/8" (2.8 cm) O.D., with boilable obturator, 2 3/4" (7 cm) long handle, chrome |
| 34-71 | Obturator for Fansler-Ives Speculum No. 34-70   |
| 34-72 | <b>IVES-FANSLER</b> Rectal Speculum Exam-Type 3 3/4" (9.5 cm) long x 3/4" (1.9 cm)  |



34-90  
34-91



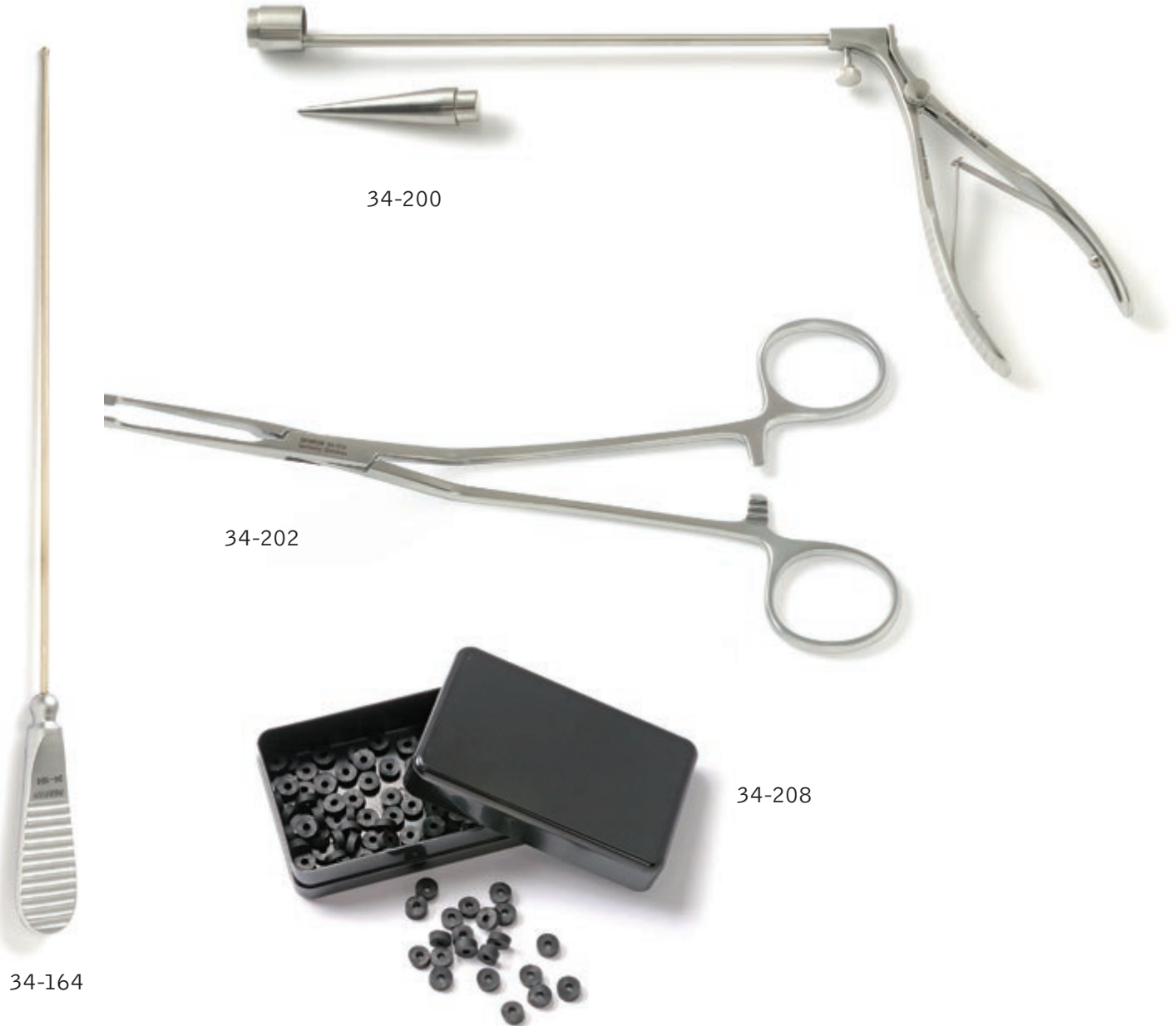
34-100  
34-102  
34-104



34-140

34-90	<b>VERNON-DAVID</b> Rectal Speculum 3" (7.6 cm) long x 7/8" (2.3 cm)
34-91	Obturator for Vernon-David Speculum No. 34-90
34-100	<b>HINKLE-JAMES</b> Rectal Speculum, small size, 3" ( 7.6 cm) long x 1" (2.6 cm) O.D. tapering to 1/2" (1.8 cm), chrome
34-102	<b>HINKLE-JAMES</b> Rectal Speculum, medium size, 3 1/2" (8.9 cm) long x 1 1/8" (2.9 cm) O.D. tapering to 5/8" (1.5 cm), chrome
34-104	<b>HINKLE-JAMES</b> Rectal Speculum, large size, 4 1/2" (11.4 cm) long x 1 1/4" (3.3 cm) O.D. tapering to 3/4" (1.8 cm), chrome
34-140	<b>PARKS</b> Rectal Retractor 6 1/4" (16.4 cm), complete with center blade and two sets of lateral blades





34-164 **BUIE** Fistula Probe 8 1/2" (21.6 cm), sterling shaft 6 1/4" long (17.1 cm)

34-200 **MCGIVNEY** Hemorrhoidal Ligator 7" (17.8 cm) working length. Complete with loading cone and 100 Latex O-Rings. Can be disassembled for easy cleaning.

34-202 **MCGIVNEY** Hemorrhoidal Grasping Forceps 7 1/2" (19.1 cm), angled shanks

34-208 Latex O-Rings for Hemorrhoidal Ligators. Box of 100 rings.



34-210



34-212



34-214

**DERRON SUCTION HEMORRHOIDAL LIGATORS**

Allows for easy one handed operation without the need for a grasping forceps which restricts the field of view. Disassembles for easy cleaning.

34-210 **DERRON** Suction Hemorrhoidal Ligator 6 1/2" (16.5 cm), shaft length, suction head straight. Complete with loading cone and 100 Latex O-Rings

34-212 **DERRON** Suction Hemorrhoidal Ligator 6 1/2" (16.5 cm), shaft length, suction head angled up. Complete with loading cone and 100 Latex O-Rings

34-214 **DERRON** Suction Hemorrhoidal Ligator 6 1/2" (16.5 cm), shaft length, suction head angled down. Complete with loading cone and 100 Latex O-Rings



34-230



34-246



34-370  
34-372

34-230 **BARRON** Hemorrhoidal Ligator 8 7/8" (22.5 cm) shaft length. Complete with loading cone and 100 Latex O-Rings

34-246 **BARRON** Alligator Seizing Forceps 11 1/2" (29.2 cm), 4 x 5 teeth, atraumatic

34-370 **BUIE** Suction Tube 16" (40.6 cm), without finger valve, 15 Fr. (5 mm)

34-372 **BUIE** Suction Tube 16" (40.6 cm), with finger valve, 15 Fr. (5 mm)



12-812  
12-812SR  
12-812C



12-814  
12-814SR  
12-814C



16-88

**KELLY RECTAL SCISSORS 6 1/4" (15.9 cm)**

Straight		Curved
12-812	Sharp tips	12-814
12-812SR	Sharp tips with one serrated blade	12-814SR
12-812C	Sharp tips, carbide	12-814C

16-88 **PRATT T-Shape Tissue Grasping Forceps 6" (15.2 cm)**



16-400	FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), straight
16-402	FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), curved
16-404	FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), straight
16-406	FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), curved
48-24	ALLIS Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth
48-34	ALLIS Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth, 90° angled jaws
48-48	THOMS-ALLIS Tissue Forceps 8" (20.3 cm), 6 x 7 teeth



36-108	<b>LAHEY</b> Gall Duct Forceps 7 1/2" (19.1 cm)
36-110	<b>LAHEY</b> Gall Duct Forceps 9" (22.9 cm)
36-112	<b>MOYNIHAN</b> Gall Duct Forceps 8 1/2" (21.6 cm)
16-202	<b>MIXTER</b> Gall Duct Forceps 6 1/4" (15.9 cm), fully curved
16-204	<b>MIXTER</b> Gall Duct Forceps 7 1/4" (18.4 cm), fully curved
16-206	<b>MIXTER</b> Gall Duct Forceps 9" (22.9 cm), fully curved
16-208	<b>GEMINI-MIXTER</b> 5 1/2" (14 cm), delicate, fully curved
16-209	<b>GEMINI-MIXTER</b> 6 1/4" (15.9 cm), delicate, fully curved
16-210	<b>GEMINI-MIXTER</b> 7" (17.8 cm), delicate, fully curved
16-212	<b>GEMINI-MIXTER</b> 8" (20.3 cm), delicate, fully curved
16-214	<b>GEMINI-MIXTER</b> 9" (22.9 cm), delicate, fully curved
16-216	<b>GEMINI-MIXTER</b> 11" (27.9 cm), delicate, fully curved
12-666	<b>THOREK</b> Gall Bladder Scissors 7 1/4" (18.4 cm), full curve
12-668	<b>THOREK</b> Gall Bladder Scissors 10" (25.4 cm), full curve

12-666  
12-668



38-38  
38-40

38-110  
38-112

38-130  
38-132  
38-134  
38-136

38-290

- 38-38 BARRAQUER Eye Speculum 1 3/4" (4.4 cm), small blades 10 mm
- 38-40 BARRAQUER Eye Speculum 1 3/4" (4.4 cm), large blades 15 mm
- 38-110 KNAPP Retractor 5 1/4" (13.3 cm), 4 sharp prongs
- 38-112 KNAPP Retractor 5 1/4" (13.3 cm), 4 blunt prongs
- 38-130 DESMARRES Lid Retractor 5 1/2" (14 cm), size 1, 11mm
- 38-132 DESMARRES Lid Retractor 5 1/2" (14 cm), size 2, 13 mm
- 38-134 DESMARRES Lid Retractor 5 1/2" (14 cm), size 3, 15 mm
- 38-136 DESMARRES Lid Retractor 5 1/2" (14 cm), size 4, 17 mm
- 38-290 DIX Foreign Body Needle with Spud, in protected reversible screw handle





38-300  
38-302  
38-304  
38-306  
38-308  
38-310



38-322  
38-324  
38-326



38-330  
38-332  
38-334  
38-336



22-340



22-350



22-356  
22-358



38-356

**MEYHOEFER Chalazion Curette 5" (12.7 cm)**

38-300	size 00, 1 mm	38-306	size 2, 2 mm
38-302	size 0, 1.5 mm	38-308	size 3, 2.5 mm
38-304	size 1, 1.7 mm	38-310	size 4, 3.5 mm

**SKEELE Chalazion Curette 5" (12.7 cm), round cup, serrated edge**

38-322	1 mm	38-326	3 mm
38-324	2 mm		

**HEATH Chalazion Curette 4" (10.2 cm), one sharp and one blunt edge**

38-330	size 0, 1/2 mm	38-334	size 2, 2 mm
38-332	size 1, 1 mm	38-336	size 3, 3 mm

**22-340 O'CONNOR Hook 4 3/4" (12.1 cm), sharp prong**

**22-350 DERRON Skin Hook 4 3/4" (12.1 cm), sharp prong 2 mm dia.**

**22-356 TYRELL Hook 5" (12.7 cm), sharp prong**

**22-358 TYRELL Hook 5" (12.7 cm), blunt prong**

**38-356 GREEN Spatula 6" (15.2 cm), 4 x 14 mm and 5 x 16 mm blades**



38-426  
38-428  
38-430



38-514



38-516



38-530  
38-532  
38-534



38-600

- 38-426 VON GRAEFE Strabismus Hook 5 1/2" (14 cm), small, 8 mm long
- 38-428 VON GRAEFE Strabismus Hook 5 1/2" (14 cm), medium, 10 mm long
- 38-430 VON GRAEFE Strabismus Hook 5 1/2" (14 cm), large, 11 mm long
- 38-514 LAMBERT Chalazion Forceps 3 1/2" (8.9 cm), inside ring diameter 8 mm
- 38-516 HUNT Chalazion Forceps 3 3/4" (9.5 cm), inside ring diameter 12 mm
- 38-530 DESMARRES Chalazion Forceps 3 1/2" (8.9 cm), small size, inside ring measures 11 x 17 mm
- 38-532 DESMARRES Chalazion Forceps 3 1/2" (8.9 cm), medium size, inside ring measures 12 x 23 mm
- 38-534 DESMARRES Chalazion Forceps 3 1/2" (8.9 cm), large size, inside ring measures 17 x 28 mm
- 38-600 CASTROVIEJO Caliper 3 1/4" (8.3 cm), combination measuring and marking caliper, graduated 0-20 mm



14-80

14-82

14-84

14-86

14-88

14-90

- 14-80 Iris Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, straight
- 14-82 Iris Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, half curve
- 14-84 Iris Dressing Forceps 4" (10.2 cm), 0.8 mm wide serrated tips, full curve
- 14-86 Iris Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, straight
- 14-88 Iris Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, half curve
- 14-90 Iris Tissue Forceps 4" (10.2 cm), 0.8 mm wide 1 x 2 teeth, full curve



38-680



38-700  
38-702



38-704  
38-708



38-710



38-752



38-756

38-680	<b>GRAEFE</b> Fixation Forceps 4 3/8" (11.2 cm), 4.5 mm wide with fine teeth
38-700	<b>PIERSE</b> Colibri Corneal Forceps 3 1/4" (8.3 cm), tips 0.12 mm wide
38-702	<b>PIERSE</b> Colibri Corneal Forceps 3 1/4" (8.3 cm), tips 0.3 mm wide
38-704	<b>BONN</b> Suturing Forceps 2 3/4" (7 cm), 1 x 2 teeth, 0.12 mm wide with suture platform
38-708	<b>BONN</b> Suturing Forceps 3 3/4" (9.5 cm), 1 x 2 teeth, 0.12 mm wide with suture platform
38-710	<b>MCPHERSON</b> Micro Corneal Suturing Forceps 3 1/2" (8.9 mm), 1 x 2 teeth, 0.2 mm with tying platform
38-752	<b>MCPHERSON</b> Micro Corneal Suturing Forceps 3 1/2" (8.9 mm), angled, 0.3 x 5 mm platform
38-756	<b>GASKIN</b> Tying Forceps 4" (10.2 cm), with 10 mm tying platform



38-758



38-762  
38-764  
38-766



38-770  
38-772  
38-774



38-786



38-800

38-758	<b>GASKIN</b> Fragment and Tying Forceps 4 3/8" (11.2 cm), with tying platform
38-762	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.3 mm with tying platform
38-764	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.5 mm with tying platform
38-766	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.9 mm with tying platform
38-770	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth 0.12 mm with tying platform
38-772	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth 0.5 mm with tying platform
38-774	<b>CASTROVIEJO</b> Suturing Forceps 4" (10.2 cm), with 11 mm wide handle, 1 x 2 teeth, 0.3 mm with tying platform
38-786	<b>SAUER</b> Suturing Forceps 3 1/2" (8.9 cm), curved teeth, overlapping each other, 0.7 mm wide
38-800	<b>LEHNER</b> Capsule Forceps 4" (10.2 cm), with long convex curve



38-1200

38-1202

38-1206

38-1208

38-1210  
38-1212

38-1214

38-1220

38-1200 **DOUGLAS** Cilia Forceps 3 1/2" (8.9 cm), thin tips 2.5 mm wide, with fine horizontal serrations

38-1202 **ZIEGLER** Cilia Forceps 3 1/2" (8.9 cm), 2 mm wide smooth jaws

38-1206 **BEER** Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide smooth jaws

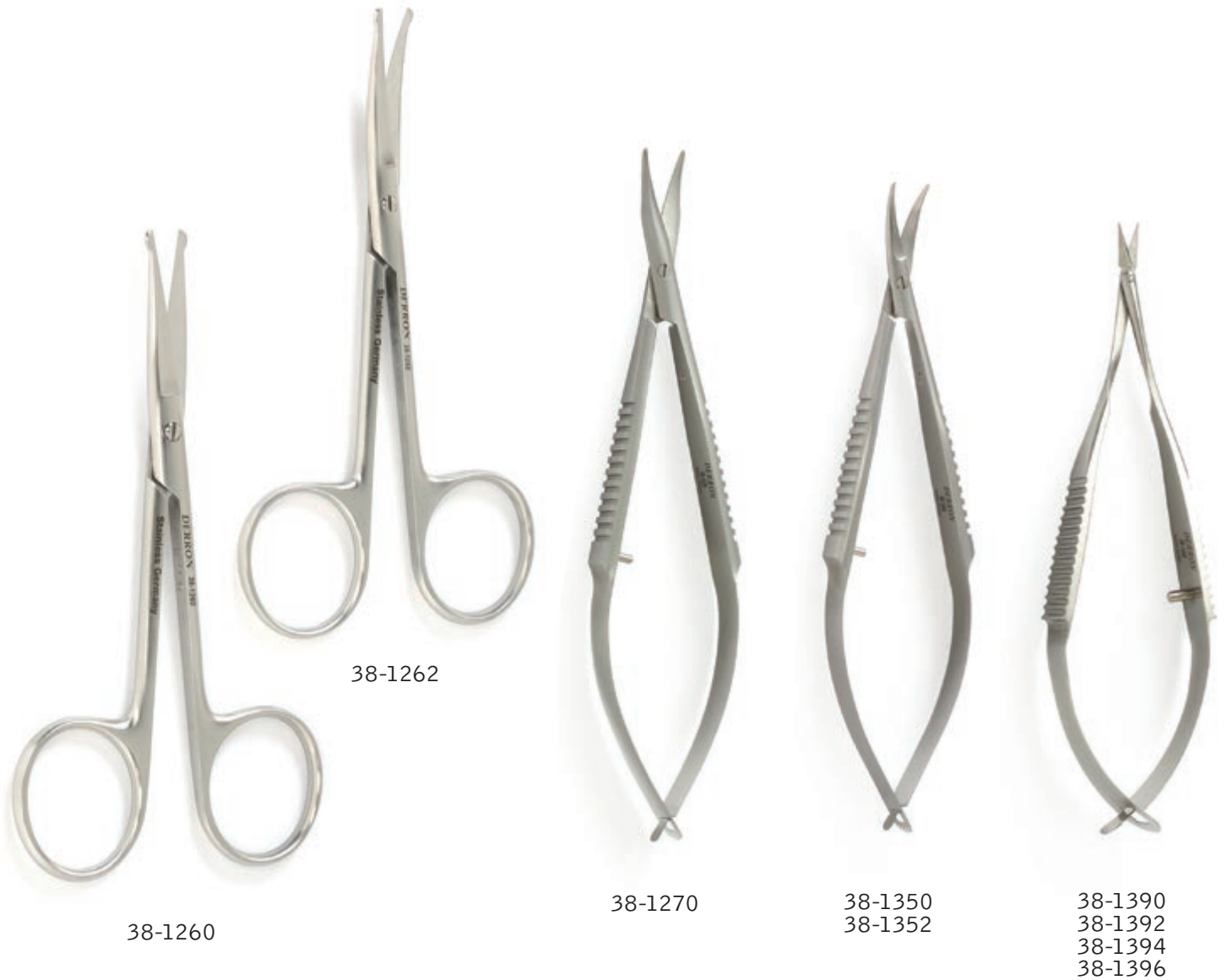
38-1208 Cilia and Suture Forceps 3 3/4" (9.5 cm), precision fitted diagonal jaws 3 mm wide

38-1210 **BERGH** Cilia Forceps 3 1/2" (8.9 cm), 5 mm wide jaws with horizontal serrations

38-1212 **BERGH** Cilia Forceps 4 1/2" (10.8 cm), 10 mm wide jaws with horizontal serrations

38-1214 **LITTAUER** Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide jaws with fine horizontal serrations

38-1220 **BARRAQUER** Cilia Forceps 4 1/2" (11.4 cm), with 5 mm smooth platform



38-1260	Eye Scissors 4" (10.2 cm), with probe tips, straight
38-1262	Eye Scissors 4" (10.2 cm), with probe tips, curved
38-1270	<b>WESTCOTT</b> Utility Scissors 4 1/2" (11.4 cm), curved, blunt tips
38-1350	<b>CASTROVIEJO</b> Corneal Scissors 4" (10.2 cm), curved, sharp tips
38-1352	<b>CASTROVIEJO</b> Corneal Scissors 4" (10.2 cm), curved, blunt tips
38-1390	<b>VANNAS</b> Capsulotomy Scissors 3 3/4" (8.3 cm), straight, very delicate sharp tips
38-1392	<b>VANNAS</b> Capsulotomy Scissors 3 3/4" (8.3 cm), curved, very delicate sharp tips
38-1394	<b>VANNAS</b> Capsulotomy Scissors 3 3/4" (8.3 cm), angled to side, very delicate sharp tips
38-1396	<b>VANNAS</b> Capsulotomy Scissors 3 3/4" (8.3 cm), angled on flat, very delicate sharp tips





1.5 mm

40-130  
40-132  
40-134



2 mm

40-142  
40-144  
40-146  
44-148



2.5 mm

40-160  
40-162  
40-164  
40-166

### DeBAKEY ATRAUMATIC VASCULAR TISSUE FORCEPS - 1.5 mm wide tips

40-130	6 1/4" (15.9 cm)
40-132	8" (20.3 cm)
40-134	9 1/4" (23.5 cm)

### DeBAKEY ATRAUMATIC VASCULAR TISSUE FORCEPS - 2.0 mm wide tips

40-142	6 1/4" (15.9 cm)	40-146	9 1/4" (23.5 cm)
40-144	8" (20.3 cm)	44-148	12" (30.5 cm)

### DeBAKEY ATRAUMATIC VASCULAR TISSUE FORCEPS - 2.5 mm wide tips

40-160	6 1/4" (15.9 cm)	40-164	9 1/4" (23.5 cm)
40-162	8" (20.3 cm)	40-166	12" (30.5 cm)

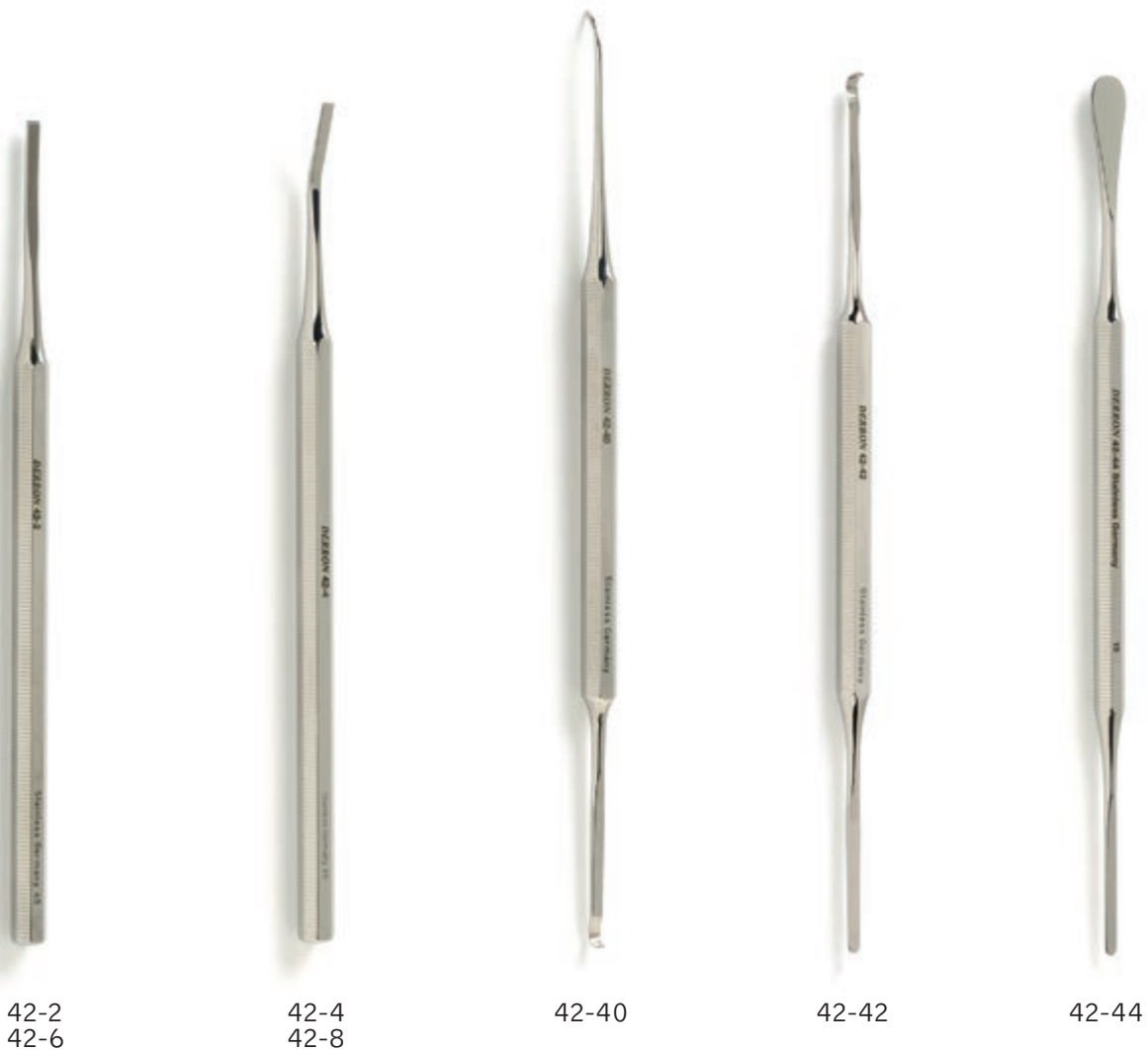


40-784

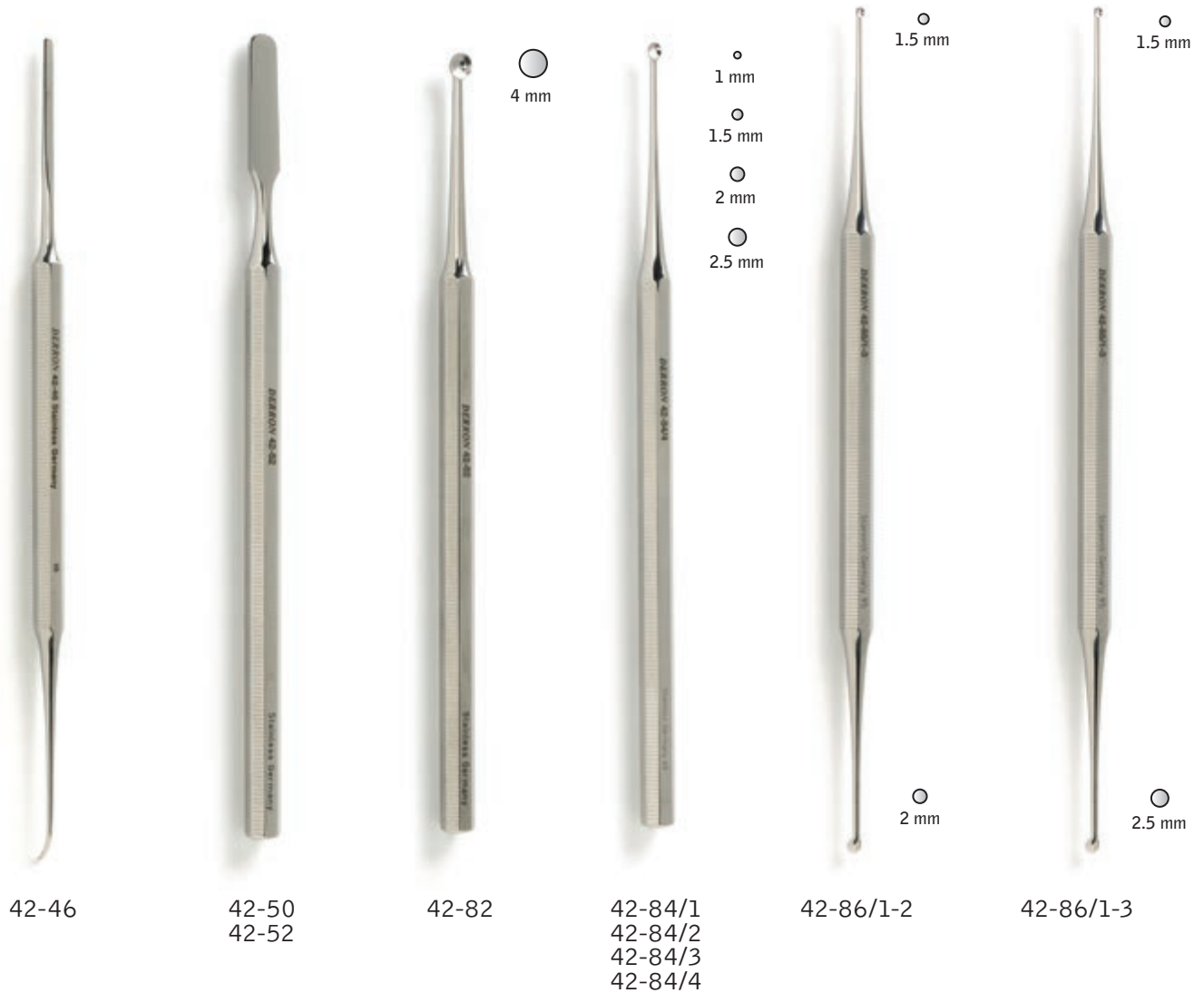
12-1040  
12-1042  
12-1044

12-1050  
12-1052  
12-1054

40-784	<b>DIETRICH</b> Circumflex Scissors 7" (17.8 cm), with stabilizer bar, angled on side 125°, 13 mm blades
12-1040	<b>DIETRICH</b> Scissors 7" (17.8 cm), delicate angled on side 25°, 13 mm blades
12-1042	<b>DIETRICH</b> Scissors 7" (17.8 cm), delicate angled on side 45°, 13 mm blades
12-1044	<b>DIETRICH</b> Scissors 7" (17.8 cm), delicate angled on side 60°, 13 mm blades
12-1050	<b>POTTS-SMITH</b> Scissors 7 1/2" (19.1 cm), angled on side 25°, 20 mm blades
12-1052	<b>POTTS-SMITH</b> Scissors 7 1/2" (19.1 cm), angled on side 45°, 20 mm blades
12-1054	<b>POTTS-SMITH</b> Scissors 7 1/2" (19.1 cm), angled on side 60°, 20 mm blades



42-2	Nail Splitter 5" (12.7 cm), straight, 2 mm wide
42-4	Nail Splitter 5" (12.7 cm), angled, 2 mm wide
42-6	Nail Splitter 5" (12.7 cm), straight, 3.5 mm wide
42-8	Nail Splitter 5" (12.7 cm), angled, 3.5 mm wide
42-40	Probe and Excavator 6" (15.2 cm), blunt probe and blunt hook end
42-42	Packer and Excavator 5 1/2" (14 cm), 2 x 25 mm packer and blunt hook end
42-44	Spatula and Packer 5 1/2" (14 cm), oval spatula 7 mm wide and 2 x 25 mm packer



42-46	Probe and Packer 6" (15.2 cm), blunt probe and 2 x 25 mm packer
42-50	<b>LOCKE</b> Elevator 5" (12.7 cm), small blade 3 x 15 mm wide
42-52	<b>LOCKE</b> Elevator 5" (12.7 cm), large blade 5 x 20 mm wide
42-82	<b>VERUCCA</b> Curette 5" (12.7 cm), cup 4 mm dia.
42-84/1	Excavator Curette 5" (12.7 cm), single end with hole, 1.0 mm
42-84/2	Excavator Curette 5" (12.7 cm), single end with hole, 1.5 mm
42-84/3	Excavator Curette 5" (12.7 cm), single end with hole, 2.0 mm
42-84/4	Excavator Curette 5" (12.7 cm), single end with hole, 2.5 mm
42-86/1-2	Excavator Curette 5 3/4" (14.6 cm), double end with holes, 1.5 mm and 2 mm
42-86/1-3	Excavator Curette 5 3/4" (14.6 cm), double end with holes, 1.5 mm and 2.5 mm



42-88/1-2



42-88/1-3



42-94

### DERRON COMFORT GRIP EXCAVATOR CURETTES

The 10 mm round handle improves grip and reduces hand fatigue

42-88/1-2 7" (17.8 cm), double end with holes 1.5 mm and 2.0 mm

42-88/1-3 7" (17.8 cm), double end with holes 1.5 mm and 2.5 mm

42-94 Nail or Bone Rasp 6 3/4" (17.1 cm), double end, backward cutting



- 42-108 Nail Nipper 5 1/2" (14 cm), concave jaws
- 42-110 Nail Nipper 5 1/2" (14 cm), straight jaws
- 42-130 Nail Splitter 4" (10.2 cm), straight jaws
- 42-132 Nail Splitter 4 1/2" (11.4 cm), delicate straight jaws
- 42-134 Nail Splitter 4 1/2" (11.4 cm), straight jaws



42-136  
42-138

42-140  
42-142

42-180

42-136 Nail Splitter 5" (12.7 cm), delicate straight jaws

42-138 Nail Splitter 5" (12.7 cm), straight jaws

42-140 Nail Splitter 6" (15.2 cm), delicate straight jaws

42-142 Nail Splitter 6" (15.2 cm), straight jaws

42-180 ENGLISH Anvil Nail Splitter 5" (12.7 cm)





42-184



42-186



42-190  
42-192

42-184	Double Action Nail Nipper 6" (15.2 cm), straight
42-186	Double Action Nail Nipper 6" (15.2 cm), curved
42-190	Platypus Nail Pulling Forceps 5 1/2" (14 cm), 4 mm wide jaws
42-192	Platypus Nail Pulling Forceps 5 1/2" (14 cm), 7 mm wide jaws



42-204



42-210



42-400  
42-402



42-200



42-206



42-262

- |        |   |
|--------|---|
| 42-200 | Tissue and Cuticle Nipper 4" (10.2 cm), 5 mm convex jaws                |
| 42-204 | Tissue and Cuticle Nipper 4 1/2" (11.4 cm), 10 mm convex jaws           |
| 42-206 | Tissue and Cuticle Nipper 5" (12.7 cm), 10 mm convex jaws               |
| 42-210 | Tissue and Cuticle Nipper 5" (12.7 cm), delicate 9 mm convex jaws       |
| 42-262 | Ingrown Nail Splitting Scissors 6" (15.2 cm)                            |
| 42-400 | Moleskin and Felt Scissors 7 1/2" (19.1 cm), sharp-blunt tips, straight |
| 42-402 | Moleskin and Felt Scissors 7 1/2" (19.1 cm), sharp-blunt tips, curved   |



42-798	SCHINK Metatarsal Spreader 4 1/2" (11.4 cm)
22-800	WEITLANER Retractor 4" (10.2 cm), 2 x 3 teeth, sharp
22-802	WEITLANER Retractor 4" (10.2 cm), 2 x 3 teeth, blunt
22-804	WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 teeth, sharp
22-806	WEITLANER Retractor 5 1/2" (14 cm), 3 x 4 teeth, blunt
22-842	GELPI Retractor 3 1/2" (8.9 cm), with grip lock
22-844	GELPI Retractor 5 1/2" (14 cm), with grip lock
22-846	GELPI Retractor 6 3/4" (17.1 cm), with grip lock



42-1200	Bone File No. 10, double end, 7" (17.8 cm), plain serrations
42-1202	Bone File No. 12, double end, 7" (17.8 cm), plain serrations
42-1204	Bone File No. 12A, double end, 7" (17.8 cm), one end plain, other end is cross serrated
42-1206	Bone File No. 12CA, double end, 7" (17.8 cm), cross serrations
42-1208	Bone File No. 33, double end, 7" (17.8 cm), plain serrations
42-1210	Bone File No. 45, double end, 7" (17.8 cm), plain serrations
42-1212	Bone File No. 64, double end, 7" (17.8 cm), plain serrations



42-1300 42-1306  
42-1302 42-1308  
42-1304

44-402 44-412  
44-404 44-414  
44-406 44-418  
44-408 44-420  
44-410

44-430 44-436  
44-432 44-438  
44-434 44-440

30-120-2 30-120-10  
30-120-4 30-120-12  
30-120-6 30-120-15  
30-120-8

- 42-1300 DERRON Metatarsal Elevator 6 3/8" (16.2 cm), blade 9 mm wide
- 42-1302 DERRON Metatarsal Elevator 6 3/8" (16.2 cm), blade 11 mm wide
- 42-1304 DERRON Metatarsal Elevator 6 3/8" (16.2 cm), blade 13 mm wide
- 42-1306 DERRON Metatarsal Elevator 6 3/8" (16.2 cm), blade 15 mm wide
- 42-1308 DERRON Metatarsal Elevator 6 3/8" (16.2 cm), blade 17 mm wide

LAMBOTTE MINI OSTEOTOMES			
5" (12.7 cm)			
Width		Width	
44-402	2 mm	44-412	12 mm
44-404	4 mm	44-414	14 mm
44-406	6 mm	44-418	18 mm
44-408	8 mm	44-420	20 mm
44-410	10 mm		

HOKE OSTEOTOMES	
5 1/2" (14 cm)	
Width	
44-430	1/8" (.32 cm)
44-432	3/16" (.48 cm)
44-434	1/4" (.64 cm)
44-436	5/16" (.79 cm)
44-438	3/8" (.95 cm)
44-440	1/2" (1.3 cm)

SHEEHAN OSTEOTOMES			
6 1/4" (15.9 cm), hexagon handle			
Width		Width	
30-120-2	2 mm	30-120-10	10 mm
30-120-4	4 mm	30-120-12	12 mm
30-120-6	6 mm	30-120-15	15 mm
30-120-8	8 mm		



20-368C



44-204C



44-210C

- |         |   |
|---------|---|
| 20-368C | Wire Cutting Scissors 4 3/4" (12.1 cm), angled on side, one serrated blade, carbide, notch for cutting cerclage wire up to 1 mm         |
| 44-204C | <b>DERRON</b> Pin and Wire Side Cutter 8" (20.3 mm), cuts up to .062" (1.6 mm) hard wire, carbide                                       |
| 44-210C | <b>DERRON</b> Cannulated Pin and Wire End Cutter 7 1/2" (19.1 cm), cuts up 1/8" (3.2 mm) soft wire or .062" (1.6 mm) hard wire, carbide |





- 44-212C     **DERRON** Pin and Wire Cutter 9" (22.9 cm), double action cuts up to 5/64" (2 mm) soft wire or 1/16" (1.6 mm) hard wire, carbide
- 44-216C     **DIAMOND** Pin and Wire End Cutter 6 1/2" (16.5 cm), cuts up to 5/64" (2 mm), hard wire, carbide
- 44-218C     **DERRON** Front and Side Pin and Wire Cutter 7" (17.8 cm), double action, cuts up to 5/64" (2 mm) soft wire or 1/16" (1.6mm), carbide
- 44-220       Flat Nose Pliers 5 1/2" (14 cm), 5 mm tips hold Steinman Pins and K-Wires





44-226 Needle Nose Pliers 5 1/2" (14 cm), jaws taper to 2 mm making it easier to remove K-Wires close to the bone

44-228 Combination Pliers and Cerclage Wire Cutter 6 1/2" (16.5 cm), side cutting blade, cuts 0.2 to 1.5 mm, jaws taper to 3.5 mm

44-230C **DERRON** Pin Puller 5 1/2" (14 cm), cross serrated carbide top jaw 1 cm in length and grooved cross serrated opposing jaw

44-234 **DERRON** Wire Pulling Forceps 6 1/2" (16.5 cm), maximum cap. 1 mm

56-244C Wire Twister 6" (15.2 cm), carbide

56-246C Wire Twister 8" (20.3 cm), carbide



- 44-380     **GERZOG** Mallet 7 1/2" (19.1 cm), head 8 oz. (227 g) lead filled with stainless jacket
- 44-382     **LUCAE** Mallet 7 3/4" (19.7 cm), head 9 oz. (255 g) solid stainless
- 44-384     **DERRON** Mallet 7 1/2" (19.1 cm), lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) dia. With 2 replaceable nylon caps
- 44-386     **DERRON** Mallet 7 1/2" (19.1 cm), 9 oz. (255 g) stainless head 1" (2.5 cm) dia. with one stainless face and one replaceable nylon cap
- 44-388     Nylon Cap Replacement for **DERRON** Mallets, Nos. 44-384 and 44-386
- 44-390     **MEAD** Mallet 7 1/2" (19.1 cm), head 8 oz. (227 g) with two replaceable nylon caps
- 44-392     Nylon Cap Replacement for Mead Mallet no. 44-390



44-402 44-412  
44-404 44-414  
44-406 44-418  
44-408 44-420  
44-410

44-430 44-436  
44-432 44-438  
44-434 44-440

30-120-2 30-120-10  
30-120-4 30-120-12  
30-120-6 30-120-15  
30-120-8

44-450  
44-452  
44-454

LAMBOTTE MINI OSTEOTOMES				HOKE OSTEOTOMES				SHEEHAN OSTEOTOMES			
5" (12.7 cm)				5 1/2" (14 cm)				6 1/4" (15.9 cm), hexagon handle			
Width		Width		Width		Width		Width		Width	
44-402	2 mm	44-412	12 mm	44-430	1/8" (.32 cm)	30-120-2	2 mm	30-120-10	10 mm		
44-404	4 mm	44-414	14 mm	44-432	3/16" (.48 cm)	30-120-4	4 mm	30-120-12	12 mm		
44-406	6 mm	44-418	18 mm	44-434	1/4" (.64 cm)	30-120-6	6 mm	30-120-15	15 mm		
44-408	8 mm	44-420	20 mm	44-436	5/16" (.79 cm)	30-120-8	8 mm				
44-410	10 mm			44-438	3/8" (.95 cm)						
				44-440	1/2" (1.3 cm)						
44-450	U.S. ARMY Pattern Osteotome 6 1/2" (16.5 cm), 6 mm wide										
44-452	U.S. ARMY Pattern Osteotome 6 1/2" (16.5 cm), 12 mm wide										
44-454	U.S. ARMY Pattern Osteotome 6 1/2" (16.5 cm), 18 mm wide										



30-130-4  
30-130-7  
30-130-9  
30-130-12

30-150-10  
30-150-12  
30-150-14  
30-150-16

44-460 44-468  
44-462 44-470  
44-464 44-472  
44-466 44-474

44-480 44-500  
44-482 44-502  
44-484 44-504  
44-486 44-506  
44-488 44-508  
44-490 44-510

- 30-130-4 COTTLE Osteotome 7" (17.8 cm), 4 mm wide, rounded corners
- 30-130-7 COTTLE Osteotome 7" (17.8 cm), 7 mm wide, rounded corners
- 30-130-9 COTTLE Osteotome 7" (17.8 cm), 9 mm wide, rounded corners
- 30-130-12 COTTLE Osteotome 7" (17.8 cm), 12 mm wide, rounded corners
- 30-150-10 CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 10 mm cut
- 30-150-12 CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 12 mm cut
- 30-150-14 CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 14 mm cut
- 30-150-16 CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 16 mm cut

**LAMBOTTE JR. OSTEOTOMES - 7" ( 17.8 cm)**

	Width		Width
44-460	4 mm	44-468	12 mm
44-462	5 mm	44-470	16 mm
44-464	6 mm	44-472	19 mm
44-466	10 mm	44-474	22 mm

**LAMBOTTE OSTEOTOMES - 9" (22.9 cm)**

Straight	Width	Curved
44-480	6 mm ( 1/4")	44-500
44-482	13 mm (1/2")	44-502
44-484	19 mm (3/4")	44-504
44-486	25 mm (1")	44-506
44-488	32 mm (1 1/4")	44-508
44-490	38 mm (1 1/2")	44-510



44-650

44-652

44-660  
44-662

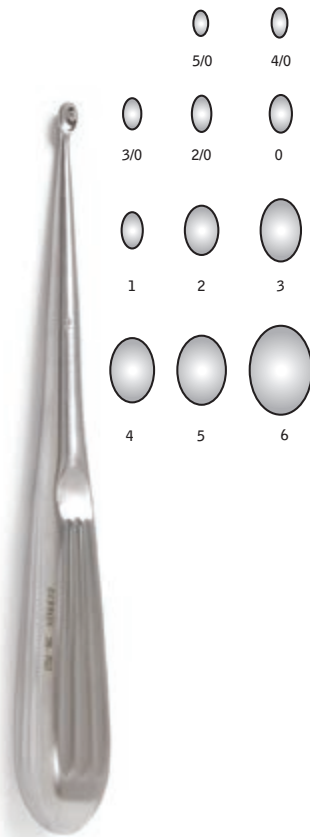
44-670  
44-672

44-680  
44-682  
44-684  
44-686

44-720

44-722  
44-724

44-650	<b>LANGENBECK</b> Periosteal Elevator 7 1/2" (19.1 cm), narrow pattern, 7 mm wide blunt blade
44-652	<b>LANGENBECK</b> Periosteal Elevator 7 1/2" (19.1 cm), wide pattern, 17 mm sharp blade
44-660	<b>SAYRE</b> Elevator 6 3/4" (17.1 cm), one straight blunt and one curved sharp end
44-662	<b>SAYRE</b> Elevator 6 3/4" (17.1 cm), one straight blunt and one curved blunt end
44-670	<b>MINI-HOHMANN</b> Retractor 6 1/4" (15.9 cm), blade 6 mm wide
44-672	<b>MINI-HOHMANN</b> Retractor 6 1/4" (15.9 cm), blade 8 mm wide
44-680	<b>HOHMANN</b> Retractor 9 1/4" (23.5 cm), blade 10 mm wide
44-682	<b>HOHMANN</b> Retractor 9 1/4" (23.5 cm), blade 18 mm wide
44-684	<b>HOHMANN</b> Retractor 9 1/4" (23.5 cm), blade 25 mm wide
44-686	<b>HOHMANN</b> Retractor 9 1/4" (23.5 cm), blade 43 mm wide
44-720	<b>VOLKMAN</b> Double End Curettes 5" (12.7 cm), oval cups 5 x 10 mm and 6 x 20 mm
44-722	<b>VOLKMAN</b> Double End Curettes 5" (12.7 cm), oval cup 6 x 10 mm and round 7 mm dia.
44-724	<b>VOLKMAN</b> Double End Curettes 5" (12.7 cm), oval cup 8 x 14 mm and round cup 10 mm dia.



26-750 26-762  
 26-752 26-764  
 26-754 26-766  
 26-756 26-768  
 26-758 26-770  
 26-760



26-844  
 26-846



26-850  
 26-852

SPRATT (BRUN) MASTOID CURETTES 6 1/2" (16.5 cm), oval cups			
26-750	Size 5/0	26-762	Size 2
26-752	Size 4/0	26-764	Size 3
26-754	Size 3/0	26-766	Size 4
26-756	Size 2/0	26-768	Size 5
26-758	Size 0	26-770	Size 6
26-760	Size 1		

26-844 Micro FREIDMAN Rongeur 5 1/2" (14 cm), straight, extra delicate 1.3 mm bite  
 26-846 Micro FREIDMAN Rongeur 5 1/2" (14 cm), curved, extra delicate 1.3 mm bite

26-850 LEMPert Rongeur 6 1/4" (15.9 cm), straight, delicate 2.5 mm bite  
 26-852 LEMPert Rongeur 6 1/4" (15.9 cm), curved, delicate 2.5 mm bite



26-854



26-860 26-868  
26-862 26-870  
26-864 26-872  
26-866 26-874



42-142

26-854 **BEYER Rongeur 7" (17.8 cm), double action, slightly curved jaws, 3.5 mm bite**

**RUSKIN RONGEURS, Double Action**

Straight		Curved
44-860	6" (15.2 cm), long, 3 mm bite	44-862
44-864	7 1/4" (18.4 cm), long, 3 mm bite	44-866
44-868	7 1/4" (18.4 cm), long, 5 mm bite	44-870
44-872	7 1/4" (18.4 cm), long, 7 mm bite	44-874

42-142 **LITTAUER-LISTON Bone Cutting Forceps 6" (15.2 cm), straight 20 mm blades**





44-920 44-926  
44-922 44-928  
44-924 44-930

44-936  
44-938  
44-942  
44-944

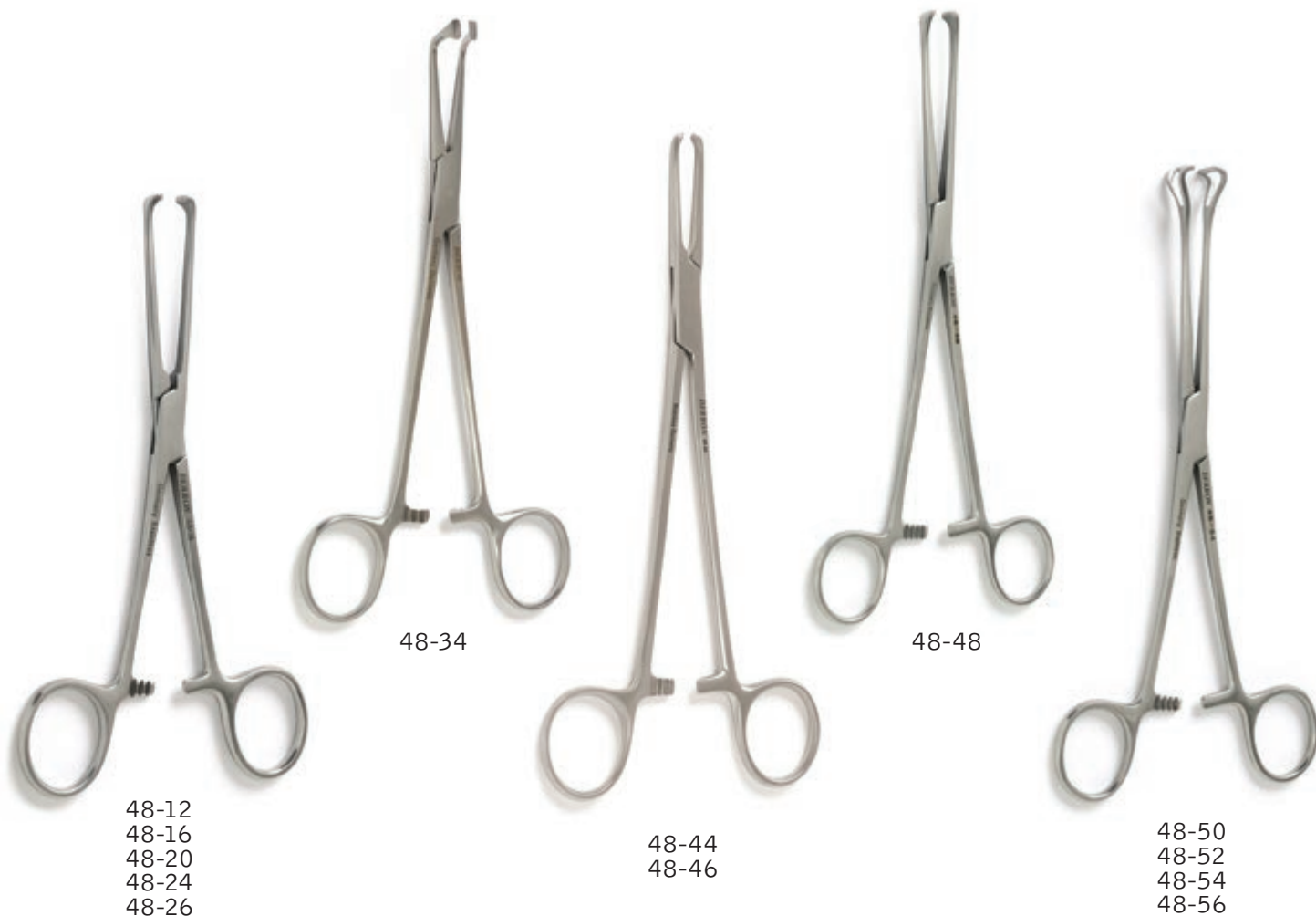
44-1000  
44-1002  
44-1004  
44-1006

44-2108

**LISTON BONE CUTTING FORCEPS**

Straight	Angled on flat	
44-920	5 1/2" (14 cm)	44-926
44-922	7 1/2" (19.1 cm)	44-928
44-924	8 1/2" (21.6 cm)	44-930

- 44-936 RUSKIN Bone Cutting Forceps 6" (15.2 cm), straight
- 44-938 RUSKIN Bone Cutting Forceps 6" (15.2 cm), angled on flat
- 44-942 RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), straight
- 44-944 RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), angled on flat
- 44-1000 KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, without ratchet
- 44-1002 KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, with ratchet
- 44-1004 KERN Bone Holding Forceps 9 1/2" (24.1 cm), standard size, without ratchet
- 44-1006 KERN Bone Holding Forceps 9 1/2" (24.1 cm), standard size, with ratchet
- 44-2108 DERRON 3 Prong Cast Spreader 9" (22.9 cm), with spring action for one hand operation



48-12 **BABY-ALLIS** Tissue Forceps 5 1/2" (14 cm), 4 x 5 teeth, extra delicate 4 mm wide

48-16 **ALLIS** Tissue Forceps 6" (15.2 cm), 4 x 5 teeth

48-20 **ALLIS** Tissue Forceps 6" (15.2 cm), 5 x 6 teeth

48-24 **ALLIS** Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth

48-26 **ALLIS** Tissue Forceps 9" (22.9 cm), 5 x 6 teeth

48-28 **ALLIS** Tissue Forceps 10" (25.4 cm), 5 x 6 teeth

48-34 **ALLIS** Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth, 90° angled jaws

48-44 **JUDD-ALLIS** Tissue Forceps 6" (15.2 cm), 3 x 4 teeth, delicate

48-46 **JUDD-ALLIS** Tissue Forceps 7 1/2" (19.1 cm), 3 x 4 teeth, delicate

48-48 **THOMS-ALLIS** Tissue Forceps 8" (20.3 cm), 6 x 7 teeth

48-50 **BABY BABCOCK** Tissue Forceps 5 1/2" (14 cm), delicate jaws 6 mm wide

48-52 **BABCOCK** Tissue Forceps 6 1/4" (15.9 cm), 9 mm wide jaws

48-54 **BABCOCK** Tissue Forceps 8 1/4" (21 cm), 12 mm wide jaws

48-56 **BABCOCK** Tissue Forceps 9 1/2" (24.1 cm), 15 mm wide jaws



16-88	<b>PRATT T-Shape Tissue Grasping Forceps 6" (15.2 cm)</b>
16-250	<b>BAINBRIDGE Intestinal Forceps 6" (15.2 cm), straight, longitudinal serrations</b>
16-252	<b>BAINBRIDGE Intestinal Forceps 6" (15.2 cm), curved, longitudinal serrations</b>
16-254	<b>BAINBRIDGE Intestinal Forceps 7 1/2" (18.4 cm), straight, longitudinal serrations</b>
16-256	<b>BAINBRIDGE Intestinal Forceps 7 1/2" (18.4 cm), curved, longitudinal serrations</b>
48-114	<b>BABY ALLEN Intestinal Clamp 6 1/2" (16.5 cm), longitudinal serrations with 1 x 2 teeth</b>
48-116	<b>ALLEN Intestinal Clamp 8" (20.3 cm), longitudinal serrations with 1 x 2 teeth</b>
48-128	<b>DOYEN Intestinal Forceps 9" (22.9 cm), straight, longitudinal serrations</b>
48-130	<b>DOYEN Intestinal Forceps 9" (22.9 cm), curved, longitudinal serrations</b>
48-134	<b>KOCHER Intestinal Forceps 10 1/2" (26.7 cm), straight, longitudinal serrations</b>
48-136	<b>KOCHER Intestinal Forceps 10 1/2" (26.7 cm), curved, longitudinal serrations</b>



## VAN BUREN URETHRAL SOUNDS

11" ( 27.9 cm)

- |          |   |
|----------|---|
| 50-20    | Set of 6 Sounds in a Khaki Roll, even sizes 14 Fr. (4.6 mm) to 24 Fr. (8 mm)  |
| 50-24    | Set of 12 Sounds in a Khaki Roll, even sizes 8 Fr. (2.6 mm) to 30 Fr. (10 mm) |
| 50-26-8  | 8 Fr. (2.6 mm)  |
| 50-26-10 | 10 Fr. (3.3 mm)   |
| 50-26-12 | 12 Fr. (4 mm)   |
| 50-26-14 | 14 Fr. (4.6 mm)   |
| 50-26-16 | 16 Fr. (5.3 mm)   |
| 50-26-18 | 18 Fr. (6 mm)   |
| 50-26-20 | 20 Fr. (6.6 mm)   |
| 50-26-22 | 22 Fr. (7.3 mm)   |
| 50-26-24 | 24 Fr. (8 mm)   |
| 50-26-26 | 26 Fr. (8.6 mm)   |
| 50-26-28 | 28 Fr. (9.2 mm)   |
| 50-26-30 | 30 Fr. (10 mm)  |
| 50-26-32 | 32 Fr. (10.6 mm)  |
| 50-26-34 | 34 Fr. (11.2 mm)  |
| 50-26-36 | 36 Fr. (11.9 mm)  |
| 50-26-38 | 38 Fr. (12.5 mm)  |
| 50-26-40 | 40 Fr. (13.2 mm)  |



## DITTEL URETHRAL SOUNDS

11" (27.9 cm)

- |          |                  |
|----------|------------------|
| 50-30-8  | 8 Fr. (2.6 mm)   |
| 50-30-10 | 10 Fr. (3.3 mm)  |
| 50-30-12 | 12 Fr. (4 mm)    |
| 50-30-14 | 14 Fr. (4.6 mm)  |
| 50-30-16 | 16 Fr. (5.3 mm)  |
| 50-30-18 | 18 Fr. (6 mm)    |
| 50-30-20 | 20 Fr. (6.6 mm)  |
| 50-30-22 | 22 Fr. (7.3 mm)  |
| 50-30-24 | 24 Fr. (8 mm)    |
| 50-30-26 | 26 Fr. (8.6 mm)  |
| 50-30-28 | 28 Fr. (9.2 mm)  |
| 50-30-30 | 30 Fr. (9.9 mm)  |
| 50-30-32 | 32 Fr. (10.6 mm) |
| 50-30-34 | 34 Fr. (11.2 mm) |

## McCREA INFANT URETHRAL SOUNDS

7" (17.8 cm) Curved plain tip  
also used as female sounds

- |          |                  |
|----------|------------------|
| 50-50-8  | 8 Fr. (2.6 mm)   |
| 50-50-10 | 10 Fr. (3.3 mm)  |
| 50-50-12 | 12 Fr. (4 mm)    |
| 50-50-14 | 14 Fr. (4.6 mm)  |
| 50-50-16 | 16 Fr. (5.3 mm)  |
| 50-50-18 | 18 Fr. (6 mm)    |
| 50-50-20 | 20 Fr. (6.6 mm)  |
| 50-50-22 | 22 Fr. (7.3 mm)  |
| 50-50-24 | 24 Fr. (8 mm)    |
| 50-50-26 | 26 Fr. (8.6 mm)  |
| 50-50-28 | 28 Fr. (9.2 mm)  |
| 50-50-30 | 30 Fr. (10 mm)   |
| 50-50-32 | 32 Fr. (10.6 mm) |
| 50-50-34 | 34 Fr. (11.2 mm) |
| 50-50-36 | 36 Fr. (11.9 mm) |





50-60-16  
50-60-18  
50-60-20  
50-60-22  
50-60-24  
50-60-26  
50-60-28  
50-60-30  
50-60-32  
50-60-34  
50-60-36

50-400

50-418

50-150

50-404

### WALTHER URETHRAL SOUNDS

11" (27.9 cm) Shaft tapers downward toward handle

50-60-16	16 Fr. (5.3 mm)	50-60-28	28 Fr. (9.2 mm)
50-60-18	18 Fr. (6 mm)	50-60-30	30 Fr. (10 mm)
50-60-20	20 Fr. (6.6 mm)	50-60-32	32 Fr. (10.6 mm)
50-60-22	22 Fr. (7.3 mm)	50-60-34	34 Fr. (11.2 mm)
50-60-24	24 Fr. (8 mm)	50-60-36	36 Fr. (11.9 mm)
50-60-26	26 Fr. (8.6 mm)		

50-150 **RANDALL** Kidney Stone Forceps 9 1/4" (23.5 cm), quarter curve

50-400 No Scalpel Vasectomy Ring Forceps 5 1/2" (14 cm)

50-404 No Scalpel Vasectomy Dissecting Forceps 5" (12.7 cm)

50-418 **STRAUSS** Penis Clamp 4 1/2" (11.4 cm)



22-414  
22-416  
22-418  
22-420  
22-422  
22-424



22-426  
22-428  
22-430  
22-432  
22-434  
22-436



22-440



22-450  
22-452



56-240

### Flexible Neck Rake Retractor 6" (15.2 cm)

22-414	1 sharp prong	22-420	1 blunt prong
22-416	2 sharp prongs	22-422	2 blunt prongs
22-418	3 sharp prongs	22-424	3 sharp prong

### Rigid Neck Rake Retractor 6" (15.2 cm)

22-426	1 sharp prong	22-432	1 blunt prong
22-428	2 sharp prongs	22-434	2 blunt prongs
22-430	3 blunt prong	22-436	3 blunt prongs

22-440 **RAGNELL** Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate

22-450 **SENN** Retractor 6 3/8" (16.2 cm), sharp, double end

22-452 **SENN** Retractor 6 3/8" (16.2 cm), blunt, double end

56-240 **HURD** Tonsil Dissector and Pilar Retractor 9" (22.9 cm), 9 x 25 mm blade





12-606 METZENBAUM Tonsil Scissors 7" (17.8 cm), curved

12-624 METZENBAUM Tonsil Scissors 7" (17.8 cm), curved, delicate

12-722 DEAN Dissecting Scissors 6 3/4" (17.1 cm), blades angled on flat, one serrated blade

56-244C Wire Twister 6" (15.2 cm), carbide

56-246C Wire Twister 8" (20.3 cm), carbide





56-290



56-300  
56-302  
56-304

- 56-290 McIVOR Mouth Gag 5 3/4" (14.6 cm), complete with 3 tongue blades
- 56-300 JENNINGS Mouth Gag 3 3/4" (9.5 cm), infant size
- 56-302 JENNINGS Mouth Gag 4 3/4" (12.1 cm), child size
- 56-304 JENNINGS Mouth Gag 6" (15.2 cm), adult size



56-500  
56-502



56-530

- 56-500 EVE Tonsil Snare 11" (27.9 cm), standard model, without ratchet
- 56-502 EVE Tonsil Snare 11" (27.9 cm), with ratchet
- 56-530 TYDING Tonsil Snare, complete with straight tip

Adson Dressing Forceps.....	44, 46	Brown Forceps .....	48	Derron Excavator Curettes .....	178
Adson Dura Hook .....	9	Brown Needle Holder.....	68	Derron Mallet.....	189
Adson Ear Forceps .....	50, 102, 110	Bruening Septum Forceps.....	115	Desmarres Chalazion Forceps.....	168
Adson Forceps.....	60	Brun Curettes.....	108, 193	Desmarres Lid Retractor .....	87, 166
Adson Hemostatic Forceps .....	60	Bruns Bandage Scissors .....	32	Diamond Pin and Wire Cutter.....	187
Adson Tissue Forceps .....	45,46	Buck Ear Curettes.....	101	Dietrich Scissors.....	3, 175
Allen Intestinal Clamp .....	197	Buie Fistula Probe.....	160	Dittel Sounds.....	198
Allis Tissue Forceps.....	164, 196	Buie Suction Tube.....	9, 162	Dix Foreign Body Needle .....	166
Alm Retractor .....	83	Bumm Uterine Curettes.....	143	Double Action Nail Nippers.....	181
Allport Mastoid Searcher .....	101	Burke Cervical Biopsy Forceps .....	146	Douglas Cilia Forceps .....	54, 172
Andrews-Pynchon Suct Tube .....	8	Carmalt Splinter Forceps.....	51	Doyen Intestinal Forceps .....	60, 197
Antrum Cannula .....	114	Carmalt-Walter Splinter Forceps.....	51	Doyen Retractors.....	96, 134
Atraumatic Tenaculum... ..	141	Cast Spreader.....	195	Doyen Scissors.....	23, 152
Atraumatic Tissue Forceps .....	46, 172	Castroviejo Caliper .....	168	Doyen Tumor Screw.....	142
Aufricht Nasal Retractor .....	89, 118	Castroviejo Needle Holder .....	71, 76	Dressing Forceps .....	42
Aufricht Rasps.....	123	Castroviejo Scissors.....	173	Duckbill Alligator Ear Forceps.....	107
Auto Release Needle Holder .....	77	Castroviejo Suturing Forceps .....	53, 171	Dunning Elevator & Curette.....	113
Auvard Weighted Vag. Specula.....	132	Cervical Biopsy Forceps.....	145, 146, 147, 148	Dura Hooks .....	85
Babcock Forceps .....	196	Chalazion Forceps .....	168	Ear Curettes.....	101
Baby Ochsner Forceps .....	57	Chalazion Curettes.....	167	Ear Forceps.....	102, 104, 105, 106, 107
Baby Pean Forceps.....	57	Cilia Forceps.....	54,172	Ear Hooks .....	101
Baby Tischler Biopsy Forceps... ..	146, 148	Cinelli Osteotomes .....	120, 191	Ear Loops.....	102
Backhaus Towel Clamp.....	64	Cleaning Brush .....	7, 123	Ear Syringe .....	103
Bainbridge Forceps.....	60, 197	Clinton-Graves Vaginal Specula .....	128, 155	Eastman Retractors .....	95, 133
Ballentine Hysterectomy Forceps.....	62, 149	Clinton-Pederson Vag. Specula.....	129, 156	Electrosurgical Instruments .....	155, 156
Ballenger Chisels .....	113	Collier Needle Holder.....	68	Elevators.....	112, 113, 119
Ballenger Swivel Knives.....	112	Comedone Extractors.....	100	Elevators, Metatarsal.....	185
Bandage Scissors .....	31, 32	Converse Blade Retractor.....	84	Emmett Tenaculum Hooks.....	140
Bandage and Utility Scissors .....	32	Cooley Needle Holder .....	74	Endocervical Specula .....	136
Barnhill Adenoid Curettes.....	118	Cottle Cartilage Crusher .....	121	English Anvil Nail Splitter .....	178
Baron Suction Tube .....	8	Cottle Elevator .....	119	Episiotomy Scissors.....	154
Barraquer Cilia Forceps.....	54, 172	Cottle Osteotomes .....	120, 191	Eppendorfer Biopsy Forceps.....	147, 148
Barraquer Eye Speculum .....	166	Cottle Rasp.....	122	Esmarch Scissors .....	32
Barraquer Needle Holder.....	71	Cottle Scissors.....	30, 126	Eve Tonsil Snare .....	203
Barron Hemorrhoidal Ligator.....	162	Cottle Septum Specula .....	109	Excavator Curettes.....	175, 176
Barron Seizing Forceps .....	162	Cottle Skin Hook .....	86	Eye Forceps.....	168, 169, 170, 171
Baumgartner Needle Holder .....	68, 73	Cottle Thumb Retractor.....	86	Eye Scissors .....	7, 173
Beckman-Weitlaner Retractors .....	97	Crile Forceps .....	56	Fansler-Ives Rectal Speculum.....	158
Beer Cilia Forceps .....	54, 172	Crile Retractor .....	89	Farabeuf Retractor.....	91
Bergh Cilia Forceps .....	54, 172	Crile-Wood Needle Holder .....	69, 74, 77	Feilchenfeld Splinter Forceps.....	51
Beyer Rongeur.....	194	Cross Action Retractor .....	83	Felt Scissors.....	182
Billeau Ear Loops.....	102	Curettes, Bone.....	190, 191	Ferguson Angiotribe Forceps.....	61, 164
Biro Dermal Scissors.....	19	Curettes, Uterine.....	143, 144	Ferguson Scissors.....	23, 152
Bishop Harmon Forceps .....	47	Cushing Forceps .....	49	Fingernail Drill .....	100
Blade Remover .....	11	Cushing Vein Retractor.....	90	Finger Ring Cutter.....	100
Blepharoplasty Scissors.....	41	Cuticle and Tissue Nippers.....	180	Fletcher Forceps.....	65, 139
Bone Cutting Forceps .....	192, 193	Dandy Forceps.....	57	Flexible Rake Retractor.....	88, 200
Bone Curettes.....	122	Day Ear Hooks .....	101	Foerster Sponge Forceps.....	65, 138
Bone Files .....	178, 184	Dean Scissors .....	25, 201	Foman Elevator.....	119
Bonn Scissors.....	12	Deaver Retractors .....	92, 93	Foman Rasps.....	123, 124
Bonn Suturing Forceps .....	52, 170	Deaver Scissors .....	21	Fomon Retractor .....	87
Bonney Forceps.....	48	DeBakey Adson Forceps .....	46	Fomon Scissors .....	29, 125
Boynton Needle Holder.....	69	DeBakey Tissue Forceps .....	174	Fox Dermal Curettes .....	99
Bozeman Forceps .....	65, 139	De Lee Retractor.....	96, 133	Frankel Head Band.....	7
Braun Scissors.....	154	Derf Needle Holder.....	67	Frazier Dura Hook.....	85
Brinkerhoff Rectal Speculum.....	158	Dermal Curettes .....	99	Frazier Ferguson Suction Tube .....	9, 114
Brown Adson Forceps.....	46			Frazier Suction Tubes.....	9, 113, 114

Freer Elevator .....	112, 119	Ives-Fansler Rectal Speculum .....	158	Lorna Non-Perf. Towel Clamp.....	64
Freer Septum Gouge.....	113	Jackson Retractors.....	95, 133	Lothrop Uvula Retractor.....	118
Freer Skin Hook .....	87	Jacobs Uterine Forceps.....	142	Love Nerve Retractor .....	90
Freer Submucous Chisels .....	113	Jacobsen Micro Mosq Fcps .....	55	Lucae Dressing Forceps.....	50, 102, 110
Freer Submucous Knife.....	112	Jacobsen Needle Holder .....	76	Lucae Mallet .....	187
Friedman Rongeurs.....	108, 193	Jansen Dressing Forceps....	50, 102, 110	Luer S-Shape Retractor.....	89
Gall Bladder Instruments.....	165	Jansen Mastiod Retractor.....	83	Mallets .....	189
Garland Hysterectomy Forceps ..	62, 149	Jansen-Middleton Septum Fcps .....	116	Maltz Rasps.....	122
Gaskin Forceps .....	52, 53, 170, 171	Javerts Forceps .....	66, 140	Mathieu Needle Holder .....	69
Gelpi Retractors .....	98, 183	Jennings Mouth Gag .....	202	Mayo-Hegar Needle Holder....	69, 74, 77
Gemini-Mixter Forceps .....	59, 165	Jones Towel Clamp .....	64	Mayo Retractor .....	94
Gerald Forceps .....	48	Joseph Elevator .....	119	Mayo Scissors.....	152
Gerzog Mallet.....	189	Joseph Nasal Saw.....	121	Mayo-Noble Scissors .....	23
Gilles Skin Hook .....	86	Joseph Scissors.....	30, 126	Mayo-Stille Scissors.....	22
Goelet Retractor .....	91	Joseph Skin Hooks.....	87	McCrea Infant Sounds.....	196
Goldman Fox Scissors.....	27, 41	Judd-Allis Tissue Forceps.....	196	McCulloch Suction Tube.....	9, 103
Gorney Scissors .....	30, 126	Kahn Scissors.....	25	McGivney Grasping Forceps.....	160
Gradle Scissors.....	17, 37, 81	Kaye Scissors.....	17, 37	McGivney Hemorrhoidal Ligator .....	160
Graefe Fixation Forceps.....	52, 170	Kelly Forceps.....	56	McIvor Mouth Gag .....	202
Graefe Strabismus Hook .....	166	Kelly Retractors.....	94, 95	McPherson Suturing Forceps....	52, 170
Graves Vaginal Specula.....	128, 129, 131, 155	Kelly Scissors.....	28, 153, 163	Mead Mallet .....	189
Green Retractor.....	83	Kern Bone Holding Forceps.....	195	Metatarsal Elevators .....	185
Green Spatula.....	168	Kevorkian-Youngie Biopsy Fcps.	147, 148	Metzenbaum Scissors .....	24, 34, 36, 39,40, 201
Gross Ear Hook and Spoon .....	101	Kevorkian-Youngie Curettes.....	144	Meyerding Skin Hook & Retr .....	90
Guthrie Fixation Hook .....	85	Keyes Dermal Punches.....	99	Meyhoefer Curettes .....	167
Hajek-Ballenger Septum Elevator ..	113	Killian Septum Speculums.....	109	Micro Adson Forceps .....	46
Halsey Needle Holder.....	67, 73	Killian Antrum Cannula.....	114	Micro Ear Forceps.....	104, 105
Halstead Mosquito Forceps.....	55	Kleinert-Kutz Bone Cutting Fcps.....	127	Micro Friedman Rongeurs.....	108, 193
Handle, Rotating Biopsy .....	148	Kleinert-Kutz Hook.....	85	Miniature Blade Handle .....	11
Hank Uterine Dilators.....	137	Knapp Retractor.....	86, 166	Mini-Gemini-Mixter Forceps.....	59
Harrington Retractors .....	94	Knapp Scissors .....	16	Mini-Hohmann Elevator.....	190
Hartman Ear Forceps.....	105, 106, 107	Knife Handles .....	10, 11	Mixter Forceps .....	59, 165
Hartman-Herzfeld Allig. Ear Fcps. ..	106	Knight Nasal Forceps .....	111	Mixter Gall Duct Forceps.....	165
Hartman Micro Alligator Forceps....	105	Knight Septum Forceps.....	115	Moleskin and Felt Scissors.....	182
Hartman Mosquito Forceps .....	55	Knowles Bandage Scissors.....	31	Mouth Gags.....	202
Hartman Nasal Forceps.....	110	Kocher Forceps.....	56, 195	Moynihan Gall Duct Forceps .....	61,
Hartman-Noyes Allig. Ear Fcps. ....	107	Kocher Intestinal Forceps .....	60, 197	Nabatoff Vein Stripper Set .....	127
Head Mirrors.....	7	Kogan Endocerv. Specula .....	136	Nail Nippers .....	179, 181
Heaney-Ballentine Forceps.....	62, 149	LaGrange Scissors.....	27	Nail Rasp.....	178
Heaney Hysterectomy Forceps ...	62, 149	Lahey Gall Duct Forceps.....	60, 165	Nail Splitters .....	176
Heaney Tissue Forceps.....	48	Lahey Retractor .....	83	Nail Splitting Forceps.....	179, 180
Heaney Needle Holder.....	70, 75	Lambert Chalazion Forceps .....	168	Nail Splitting Scissors.....	180
Heaney-Simon Retractor.....	92, 134	Lambotte Jr. Osteotomes.....	191	Nasal Forceps.....	50, 115, 117
Heaney Uterine Curette.....	144	Lambotte Mini Osteotomes.....	185, 190	Nasal Scissors .....	125, 126
Heath Curette.....	167	Lambotte Osteotomes.....	185, 190, 191	Nasal Speculums .....	109
Hegar Uterine Dilators.....	137	Langenbeck Periosteal Elevator.....	190	Nelson Scissors.....	153
Heiss Artery Forceps .....	61	Lateral Vaginal Retractors .....	135	No Scalpel Forceps.....	199
Heyman Scissors.....	29, 111	Latex O-Rings.....	160	Northbent Stitch Scissors .....	80
Hinkle-James Rectal Speculum .....	159	Left Handed Needle Holders .....	78	Novak Endometrial Curette.....	144
Hohmann Elevator .....	190	Left Handed Scissors.....	34	Noyes Alligator Forceps.....	111
Hoke Osteotomes .....	185, 190	Lehner Forceps.....	171	O'Brien Stitch Scissors .....	80
Hudson Forceps .....	44	Lempert Rongeurs .....	108, 193	O'Connor Hook .....	84, 167
Hurd Tonsil Dissector... ..	91, 200	Lewis Rasps.....	123	O'Sullivan-O'Connor Retractor...	98, 134
Hunt Chalazion Forceps.....	168	Lister Bandage Scissors.....	31	Obwegeser Awls.....	82, 127
Hysterectomy Forceps .....	62, 63	Liston Bone Cutting Forceps.....	195	Olsen-Hegar Needle Holder ....	68, 73, 74
Ingrown Nail Scissors .....	182	Littauer Cilia Forceps .....	54, 172	Open-Sided Vaginal Specula.....	129
Instrument Cleaning Brushes .....	7, 123	Littauer Stitch Scissors .....	80, 125	O.R. Scissors .....	20
Intestinal Forceps.....	194, 195	Littauer-Liston Bone Cutting Fcp. ...	194	Osteotomes.....	120, 185, 190, 191
Iris Forceps .....	43, 169	Littler Suture Carrying Scissors.	81, 125	Parametrium Scissors.....	151
Iris Scissors.....	12-15, 34, 35, 38	Locke Elevator.....	177	Packer and Excavator.....	176
IUD Hook .....	140	Locklin Scissors.....	28	Par Needle Holder .....	73
		Long Oral Surgery Scissors.....	81		

Parker Retractor .....	91	Saw, Nasal.....	121	Tissue Forceps.....	42
Parks Rectal Retractor .....	159	Sawtell Hemostatic Forceps.....	61	Tonsil Snares .....	201
Pederson Vaginal Specula 129-131, 155		Sawyer Retractors .....	96, 157	Townsend Curette .....	144
Penis Clamp.....	199	Sayre Elevator .....	190	Tungsten Carbide Needle Holders .	72-78
Pennington Rectal Speculum.....	157	Scalpel Handles .....	10, 11	Tungsten Carbide Scissors.....	38-41
Pennington Septum Elevator.....	113	Schamberg Comedone Extractors...	100	Tyding Tonsil Snare.....	203
Pierce Elevator .....	112	Schink Metatarsal Spreader.....	183	Tyrell Hook.....	85, 167
Pierse Colibri Corneal Forceps ..	52, 170	Schmidt Tonsil Forceps .....	61	Umbilical Scissors.....	154
Piffard Dermal Curettes.....	99	Schroeder-Braun Tenaculum .....	141	Unna Comedone Extractors .....	100
Pin and Wire Cutters .....	186, 187	Schroeder Uterine Forceps.....	142	U.S. Army Pattern Osteotomes .....	188
Pin Pullers.....	188	Schubert Uterine Forceps.....	145	U.S. Army Retractor .....	91
Plastic Surgery Scissors.....	26	Seiler Turbinate Scissors.....	111	Uterine Curettes .....	143, 144
Platypus Nail Pulling Forceps.....	181	Semkin Forceps .....	47	Uterine Dilators .....	137
Pliers.....	187, 188	Senn Retractor .....	88, 200	Uterine Sounds .....	138
Polyp Forceps, Nasal .....	115	Shapleigh Ear Curettes .....	102	Urethral Sounds.....	196, 197
Poole Suction Tube .....	8	Sheehan Osteotomes .....	120, 185, 190	Utility Scissors.....	32
Potts-Smith Forceps .....	49	Shortbent Stitch Scissors.....	79	Vaginal Specula .....	128-132, 155
Potts-Smith Scissors.....	33, 175	Siegel Knife Handle.....	11	Van Buren Sounds.....	196
Pratt Rectal Speculum.....	157	Sims Scissors.....	25, 153	Vannas Scissors .....	173
Pratt T-Shape Forceps .....	57, 163, 197	Simpson Uterine Sound.....	138	Vascular Tissue Forceps.....	172
Pratt Uterine Dilators.....	137	Sims Uterine Curettes .....	143	Vasectomy Forceps.....	199
Probe and Excavator .....	176	Sims Uterine Sound .....	138	Vein Stripper Set .....	127
Probe and Packer .....	177	Sims Vaginal Specula.....	132	Vernon-David Rectal Speculum .....	159
Providence Forceps.....	56	Sistrunk Scissors .....	23	Verucca Curette .....	177
Quimby Scissors.....	27	Skeele Curette .....	167	Vienna Nasal Speculums .....	109
Ragnell Retractor .....	88, 200	Skene Uterine Forceps .....	141	Volkman Bone Curettes...	121, 122, 192
Ragnell Scissors.....	27, 37	Skin Hooks .....	84-88, 90, 167	Volkman Finger Retractor.....	84
Randall Endometrial Curette.....	144	Somer Uterine Forceps .....	142	Volkman Retractors.....	96
Randall Forceps.....	66, 140, 199	Spatula and Packer.....	174	Von Graefe Strabismus Hook.....	168
Rankin Forceps.....	57	Spencer Stitch Scissors.....	79	Walther Urethral Sounds .....	199
Rasps.....	122, 123, 124	Splinter Forceps.....	51	Watson-Williams Polyp Forceps.....	115
Rectal Specula.....	155, 156, 157	Spratt Curettes .....	108, 193	Webster Needle Holder .....	67, 72, 77
Reeh Stitch Scissors.....	79	Steiner-Auvar Vaginal Spec.....	132	Weighted Vaginal Specula.....	132
Reynolds Scissors.....	24	Stevens Scissors.....	18, 19, 35	Weitlaner Retractors.....	97, 183
Ribbon Retractors.....	92	Stitch Scissors .....	79, 80, 81	Westcott Scissors .....	173
Richardson-Eastman Retractors .....	94	Strabismus Scissors .....	15, 38	Westmacott Septum Forceps.....	115
Richardson Retractors.....	93	Stratte Needle Holder .....	70, 75	Wide-View Vaginal Specula.....	131
Rigid Rake Retractors.....	88, 200	Strauss Penis Clamp .....	199	Wilde Ear Forceps .....	50, 102, 110
Rigby Retractor .....	98, 135	Struempel Alligator Ear Forceps....	107	Wilde (Blakesley) Nasal Forcep.....	117
Rochester Carmalt Forceps .....	59	Struyken Turbinate Forceps.....	117	Wilde Nasal Forceps .....	110
Rochester Ochsner Forceps .....	58	Suction Hemorrhoidal Ligators .....	161	Williams Splinter Forcep.....	51
Rochester Pean Forceps.....	58	Suction Tubes .....	8, 9, 103, 114	Williger Bone Curette .....	122
Roeder Towel Clamp .....	64	Super-Cut Scissors.....	35, 36, 37	Wilmer Scissors .....	15
Roger Septum Elevator.....	113	Suture Scissors .....	79, 80, 81	Wire Brush .....	7, 123
Rongeurs .....	108, 193, 194	Swivel Knives.....	112	Wire Cutters.....	184, 185
Roux Retractor .....	92	Takahashi Forceps .....	117	Wire Cutting Scissors.....	41, 82, 186
Rubin Morselizer.....	116	Taylor Hammer .....	7	Wire Twisters .....	188, 201
Ruskin Bone Cutting Forceps...	127, 195	Tenotomy Scissors .....	18, 19	Yankauer Suction Tubes.....	8
Ruskin Rongeurs .....	194	Thomas Uterine Curettes .....	143	Zeppelin-Style Forceps.....	63, 150
Russian Forceps.....	48	Thoms-Allis Tissue Forceps.....		Ziegler Cilia Forceps .....	54, 172
Ryder Needle Holder .....	75	.....	141, 164, 196		
Saalfield Comedone Extractors.....	100	Thoms-Gaylor Uterine Forceps.....	145		
Saber Back Scissors .....	29, 125	Thorek Scissors... ..	25, 165		
Sarot Needle Holder .....	70, 75	Tieck-Halle Nasal Speculum.....	109		
Sauer Suturing Forceps.....	53, 170	Tischler Cervical Biopsy Fcps..	146, 148		
		Tissue and Cuticle Nipper.....	182		



Cat. No.....Page

4-200 .....	7	12-316.....	18	12-510 .....	22	12-632 .....	24
4-202 .....	7, 123	12-318.....	18	12-510SC.....	36	12-632C.....	40
30-350 .....	7	12-318SC.....	36	12-510C.....	39	12-633C.....	40
6-102 .....	7	12-320 .....	18	12-520 .....	22	12-634.....	24
6-120 .....	7	12-320SC.....	36	12-522 .....	22	12-634C.....	40
6-258 .....	7	12-322 .....	18	12-524 .....	22	12-635C.....	40
6-260 .....	7	12-324 .....	18	12-526 .....	22	12-636.....	24
6-262 .....	7	12-330 .....	19	12-534 .....	23	12-638.....	24
8-204 .....	8	12-332 .....	19	12-536 .....	23	12-650.....	25, 153
8-212 .....	8	12-342 .....	19	12-540 .....	23	12-652.....	25, 153
8-218 .....	8	12-400 .....	20	12-542 .....	23	12-654.....	25, 153
8-222 .....	8	12-402 .....	20	12-552 .....	23	12-656.....	25, 153
10-3 .....	10	12-404.....	20	12-554.....	23	12-658.....	25, 153
10-3L .....	10	12-406.....	20	12-556.....	23	12-660.....	25, 153
10-4 .....	10	12-408.....	20	12-560.....	24	12-666.....	25, 165
10-4L.....	10	12-412.....	20	12-562.....	24	12-668.....	25, 165
10-7 .....	11	12-414.....	20	12-564.....	24	12-712.....	25
10-9 .....	11	12-416.....	20	12-596SC.....	37	12-714.....	25
10-20 .....	11	12-418.....	20	12-598SC.....	37	12-716.....	25
10-100.....	11	12-420.....	20	12-600.....	24	12-718.....	25
10-150.....	11	12-424.....	20	12-600SC.....	37	12-722.....	25
12-90 .....	12	12-426.....	20	12-600C.....	39	12-726C.....	41
12-92 .....	12	12-428.....	20	12-602.....	24	12-730.....	26
12-102.....	12	12-430.....	20	12-602SC.....	37	12-732.....	26
12-104.....	12	12-432.....	20	12-602C.....	39	12-734.....	26
12-106.....	12	12-434.....	20	12-604.....	24	12-736.....	26
12-108.....	12	12-436.....	20	12-604SC.....	37	12-740.....	26
12-110.....	13	12-438.....	20	12-604C.....	39	12-742.....	26
12-112.....	13	12-440.....	20	12-606.....	24, 199	12-744.....	26
12-114.....	13	12-442.....	20	12-606SC.....	37	12-746.....	26
12-116.....	13	12-444.....	20	12-606C.....	39	12-748.....	26
12-118.....	14	12-446.....	20	12-608.....	24	12-750.....	26
12-118SC.....	35	12-448.....	20	12-608SC.....	37	12-752.....	26
12-118C.....	38	12-450.....	20	12-608C.....	39	12-754.....	26
12-120.....	14	12-452.....	20	12-610.....	24	12-756.....	26
12-120SC.....	35	12-456.....	20	12-610SC.....	37	12-758.....	26
12-120C.....	38	12-458.....	20	12-610C.....	39	12-760.....	27
12-122.....	14	12-460.....	20	12-612.....	24, 153	12-760SC.....	37
12-124.....	14	12-462.....	20	12-612SC.....	37	12-762.....	27
12-130.....	15	12-464.....	20	12-612C.....	39, 153	12-762SC.....	37
12-132.....	15	12-480.....	21	12-614.....	24	12-764.....	27
12-134.....	15	12-482.....	21	12-614SC.....	37	12-772.....	27
12-136.....	15	12-484.....	21	12-614C.....	39	12-772C.....	41
12-138.....	15	12-486.....	21	12-616.....	24	12-774.....	27
12-140.....	15	12-488.....	21	12-616C.....	39	12-776.....	27
12-200.....	15	12-490.....	21	12-618.....	24	12-812.....	28, 153, 163
12-200C.....	38	12-496.....	21	12-618C.....	39	12-812SR.....	28, 153, 163
12-202.....	15	12-498.....	21	12-620.....	24	12-812C.....	28, 153, 163
12-202C.....	38	12-500.....	22	12-620C.....	40	12-814.....	28, 153, 163
12-210.....	16	12-500SC.....	36	12-621C.....	40	12-814SR.....	28, 153, 163
12-212.....	16	12-500C.....	39	12-622.....	24	12-814C.....	28, 153, 163
12-214.....	16	12-502.....	22	12-622C.....	40	12-816.....	28
12-216.....	16	12-502SC.....	36	12-623C.....	40	12-820.....	28
12-300.....	17	12-502C.....	39	12-624.....	24, 199	12-902.....	31
12-300SC.....	35	12-504.....	22	12-624C.....	40	12-904.....	31
12-302.....	17	12-504SC.....	36	12-625C.....	40	12-906.....	31
12-302SC.....	35	12-504C.....	39	12-626.....	24	12-910.....	31
12-304.....	17	12-506.....	22	12-626C.....	40	12-912.....	31
12-306.....	17	12-506SC.....	36	12-627C.....	40	12-914.....	31
12-306SC.....	36	12-506C.....	39	12-628.....	24	12-918.....	32
12-310.....	18	12-508.....	22	12-628C.....	40	12-920.....	32
12-312.....	18	12-508SC.....	36	12-630.....	24	12-928.....	32
12-314.....	18	12-508C.....	39	12-630C.....	40	12-932.....	32

12-934 .....	32	14-312C .....	45	16-54 .....	56	16-404 .....	61, 164
12-1040 .....	33, 175	14-314 .....	46	16-56 .....	56	16-406 .....	61, 164
12-1042 .....	33, 175	14-316 .....	46	16-60 .....	56	16-500 .....	64
12-1044 .....	33, 175	14-318 .....	46	16-62 .....	56	16-502 .....	64
12-1050 .....	33, 175	14-332 .....	46	16-64 .....	57	16-504 .....	64
12-1052 .....	33, 175	14-332C .....	46	16-66 .....	57	16-510 .....	64
12-1054 .....	33, 175	14-334 .....	46	16-76 .....	57	16-512 .....	64
12-1118 .....	34	14-342 .....	45	16-78 .....	57	16-514 .....	64
12-1120 .....	34	14-350 .....	47	16-88 .....	57, 163, 197	16-516 .....	64
12-1504 .....	34	14-352 .....	47	16-92 .....	57	16-600 .....	65
12-1506 .....	34	14-358 .....	47	16-96 .....	57	16-602 .....	65
12-1596 .....	34	14-450 .....	47	16-98 .....	57	16-604 .....	65
12-1598 .....	34	14-452 .....	47	16-100 .....	58	16-606 .....	65
12-1604 .....	34	14-454 .....	47	16-102 .....	58	16-608 .....	65, 138
12-1606 .....	34	14-480 .....	48	16-104 .....	58	16-610 .....	65, 138
14-10 .....	42	14-494 .....	48	16-106 .....	58	16-612 .....	65, 138
14-12 .....	42	14-496 .....	48	16-108 .....	58	16-614 .....	65, 138
14-14 .....	42	14-498 .....	48	16-110 .....	58	16-630 .....	65, 139
14-16 .....	42	14-500 .....	48	16-112 .....	58	16-632 .....	65, 139
14-18 .....	42	14-502 .....	48	16-114 .....	58	16-640 .....	65, 139
14-20 .....	42	14-504 .....	48	16-116 .....	58	16-642 .....	65, 139
14-22 .....	42	14-506 .....	48	16-117 .....	58	18-2 .....	67
14-24 .....	42	14-508 .....	48	16-118 .....	58	18-3 .....	67
14-26 .....	42	14-510 .....	48	16-119 .....	58	18-3C .....	72
14-27 .....	42	14-512 .....	48	16-119 .....	58	18-3SRC .....	72
14-28 .....	42	14-520 .....	49	16-120 .....	58	18-4 .....	67
14-30 .....	42	14-522 .....	49	16-122 .....	58	18-4C .....	72
14-32 .....	42	14-524 .....	49	16-124 .....	58	18-5C .....	73
14-36 .....	42	14-528 .....	49	16-126 .....	58	18-6C .....	73
14-38 .....	42	14-530 .....	49	16-128 .....	58	18-8 .....	67
14-40 .....	42	14-532 .....	49	16-130 .....	58	18-8C .....	73
14-42 .....	42	14-540 .....	49	16-132 .....	58	18-8SR .....	67
14-44 .....	42	14-542 .....	49	16-134 .....	58	18-8SRC .....	73
14-46 .....	42	14-700 .....	51	16-136 .....	58	18-10 .....	68
14-48 .....	42	14-702 .....	51	16-138 .....	58	18-10C .....	73
14-50 .....	42	14-704 .....	51	16-140 .....	59	18-14 .....	68
14-52 .....	42	14-704 .....	51	16-142 .....	59	18-16 .....	68
14-54 .....	42	14-706 .....	51	16-144 .....	59	18-18 .....	68
14-56 .....	42	14-710 .....	51	16-146 .....	59	18-20 .....	68
14-58 .....	42	14-712 .....	51	16-200 .....	59	18-20C .....	73
14-59 .....	42	14-714 .....	51	16-202 .....	59, 165	18-22 .....	68
14-60 .....	42	14-716 .....	51	16-204 .....	59, 165	18-22C .....	73
14-62 .....	42	14-724 .....	51	16-206 .....	59, 165	18-24 .....	68
14-64 .....	42	14-726 .....	51	16-208 .....	59, 165	18-24C .....	74
14-66 .....	42	14-728 .....	51	16-209 .....	59, 165	18-26 .....	68
14-80 .....	43, 169	16-12 .....	55	16-210 .....	59, 165	18-26C .....	74
14-82 .....	43, 169	16-14 .....	55	16-212 .....	59, 165	18-28 .....	68
14-84 .....	43, 169	16-16 .....	55	16-214 .....	59, 165	18-28C .....	74
14-86 .....	43, 169	16-18 .....	55	16-216 .....	59, 165	18-48 .....	69
14-88 .....	43, 169	16-20 .....	55	16-224 .....	59	18-50 .....	69
14-90 .....	43, 169	16-22 .....	55	16-250 .....	60, 197	18-60 .....	69
14-300 .....	44	16-24 .....	55	16-252 .....	60, 197	18-60C .....	74
14-304 .....	44	16-26 .....	55	16-254 .....	60, 197	18-62 .....	69
14-304 .....	44	16-27 .....	55	16-256 .....	60, 197	18-62C .....	74
14-304L .....	44	16-28 .....	55	16-260 .....	60	18-64 .....	69
14-304C .....	44	16-30 .....	56	16-262 .....	60	18-64C .....	74
14-305 .....	44	16-32 .....	56	16-270 .....	61	18-66 .....	69
14-306 .....	45	16-36 .....	56	16-272 .....	61	18-66C .....	74
14-306L .....	45	16-38 .....	56	16-274 .....	61	18-70 .....	69
14-308 .....	45	16-46 .....	56	16-330 .....	61	18-70C .....	74
14-310 .....	45	16-48 .....	56	16-334 .....	61	18-80 .....	69
14-310L .....	45	16-50 .....	56	16-400 .....	61, 164	18-80C .....	74
14-312 .....	45	16-52 .....	56	16-402 .....	61, 164	18-82 .....	69



18-82C.....	74	20-368.....	82	22-474.....	90	22-734.....	96
18-84.....	69	20-368C.....	41, 82, 186	22-480.....	90	22-736.....	96
18-84C.....	74	22-10.....	83	22-492.....	90	22-740.....	96
18-86.....	69	22-12.....	83	22-496.....	91	22-742.....	96
18-86C.....	74	22-14.....	83	22-498.....	91	22-744.....	96
18-90C.....	74	22-16.....	83	22-502.....	91	22-746.....	96
18-92C.....	74	22-38.....	83	22-504.....	91	22-748.....	96
18-120.....	70	22-40.....	83	22-506.....	91	22-750.....	96
18-120C.....	75	22-70.....	83	22-508.....	91	22-752.....	96
18-122.....	70	22-72.....	83	22-510.....	92	22-754.....	96
18-122C.....	75	22-310.....	84	22-512.....	92	22-800.....	97, 183
18-126.....	70	22-312.....	84	22-514.....	92	22-802.....	97, 183
18-126C.....	75	22-314.....	84	22-516.....	92	22-804.....	97, 183
18-128.....	70	22-316.....	84	22-518.....	92	22-806.....	97, 183
18-128C.....	75	22-330.....	84	22-520.....	92	22-812.....	97
18-150C.....	75	22-332.....	84	22-522.....	92	22-814.....	97
18-152C.....	75	22-334.....	84	22-530.....	92	22-816.....	97
18-154C.....	75	22-336.....	84	22-558.....	92, 134	22-818.....	97
18-156C.....	75	22-340.....	84, 167	22-592.....	92	22-830.....	97
18-200.....	71	22-350.....	84, 167	22-594.....	92	2-832.....	97
18-202.....	71	22-356.....	84, 167	22-596.....	92	22-834.....	97
18-204.....	71	22-358.....	84, 167	22-600.....	92	22-836.....	97
18-204C.....	76	22-360.....	85	22-602.....	92	22-842.....	98, 183
18-204SRC.....	76	22-370.....	85	22-604.....	92	22-844.....	98, 183
18-206.....	71	22-372.....	85	22-604.....	92	22-846.....	98, 183
18-206C.....	76	22-374.....	85	22-612.....	92	22-848.....	98, 135
18-206SRC.....	76	22-376.....	85	22-614.....	92	22-930.....	98
18-220C.....	76	22-378.....	85	22-616.....	92	24-1.....	99
18-222C.....	76	22-380.....	86	22-620.....	93	24-2.....	99
18-225C.....	76	22-382.....	86	22-622.....	93	24-3.....	99
18-240C.....	76	22-384.....	86	22-624.....	93	24-4.....	99
18-246C.....	76	22-386.....	86	22-626.....	93	24-5.....	99
18-250C.....	76	22-387.....	86	22-627.....	93	24-6.....	99
18-308.....	71	22-388.....	86	22-628.....	93	24-11.....	99
18-504C.....	77	22-390.....	86	22-630.....	93	24-12.....	99
18-562C.....	77	22-394.....	87	22-632.....	93	24-13.....	99
18-564C.....	77	22-400.....	87	22-634.....	93	24-14.....	99
18-566C.....	77	22-402.....	87	22-636.....	93	24-16.....	99
18-580C.....	77	22-406.....	87	22-640.....	93	24-20.....	99
18-582C.....	77	22-408.....	87	22-642.....	93	24-22.....	99
18-584C.....	77	22-410.....	87	22-644.....	93	24-24.....	99
18-586C.....	77	22-412.....	87	22-646.....	93	24-26.....	99
18-1004C.....	78	22-413.....	87	22-660.....	94	24-28.....	99
18-1010C.....	78	22-414.....	88, 200	22-662.....	94	24-30.....	99
18-1062C.....	78	22-416.....	88, 200	22-664.....	94	24-52.....	99
18-1064C.....	78	22-418.....	88, 200	22-676.....	94	24-53.....	99
18-1080C.....	78	22-420.....	88, 200	22-690.....	94	24-54.....	99
18-1062C.....	78	22-420.....	88, 200	22-692.....	94	24-55.....	99
20-250.....	79	22-422.....	88, 200	22-694.....	94	24-56.....	99
20-254.....	79	22-424.....	88, 200	22-700.....	94	24-58.....	99
20-256.....	79	22-426.....	88, 200	22-702.....	94	24-300.....	100
20-300.....	79	22-428.....	88, 200	22-704.....	94	24-302.....	100
20-302.....	79	22-430.....	88, 200	22-706.....	94	24-304.....	100
20-304.....	80	22-432.....	88, 200	22-708.....	95	24-308.....	100
20-306.....	80	22-434.....	88, 200	22-710.....	95	24-310.....	100
20-308.....	80	22-436.....	88, 200	22-712.....	95	24-312.....	100
20-310.....	80	22-440.....	88, 200	22-714.....	95	24-314.....	100
20-312.....	80	22-450.....	88, 200	22-722.....	96	24-330.....	100
20-314.....	81	22-452.....	88, 200	22-724.....	96	24-334.....	100
20-352.....	82	22-454.....	89	22-726.....	96	24-400.....	100
20-354.....	82	22-456.....	89	22-728.....	96	24-402.....	100
20-358.....	82	22-460.....	90	22-730.....	96	26-180.....	101
20-360.....	82	22-472.....	90	22-732.....	96	26-182.....	101

26-186 .....	101	26-506 .....	106	28-452 .....	114	30-324 .....	123
26-188 .....	101	26-508 .....	106	28-454 .....	114	30-326 .....	123
26-200 .....	101	26-510 .....	106	28-456 .....	114	30-328 .....	123
26-202 .....	101	26-512 .....	106	28-460 .....	114	30-334 .....	123
26-204 .....	101	26-514 .....	107	28-462 .....	114	30-336 .....	123
26-206 .....	101	26-520 .....	107	28-464 .....	114	30-340C .....	124
26-208 .....	101	26-522 .....	107	28-466 .....	114	30-342C .....	124
26-210 .....	101	26-750 .....	108, 193	28-470 .....	114	30-344C .....	124
26-212 .....	101	26-752 .....	108, 193	28-494 .....	115	30-346C .....	124
26-214 .....	101	26-754 .....	108, 193	28-502 .....	115	30-348C .....	124
26-216 .....	101	26-756 .....	108, 193	28-504 .....	115	30-350 .....	7, 123
26-218 .....	101	26-758 .....	108, 193	28-510 .....	115	30-354 .....	81, 125
26-220 .....	101	26-760 .....	108, 193	28-530 .....	115	30-360 .....	29, 125
26-222 .....	101	26-762 .....	108, 193	28-532 .....	115	30-364 .....	29, 125
26-224 .....	101	26-764 .....	108, 193	28-534 .....	115	30-368 .....	29, 125
26-226 .....	101	26-766 .....	108, 193	28-536 .....	115	30-380 .....	30, 126
26-228 .....	101	26-768 .....	108, 193	28-540 .....	116	30-382 .....	30, 126
26-230 .....	101	26-770 .....	108, 193	28-542 .....	116	30-386 .....	30, 126
26-232 .....	101	26-844 .....	108, 193	28-550 .....	116	30-400 .....	30, 126
26-234 .....	101	26-846 .....	108, 193	28-552 .....	116	30-402 .....	30, 126
26-236 .....	101	26-850 .....	108, 193	28-560 .....	117	30-462 .....	82, 127
26-238 .....	101	26-852 .....	108, 193	28-562 .....	117	30-464 .....	82, 127
26-240 .....	102	26-854 .....	108, 194	28-570 .....	117	30-1290 .....	127
26-242 .....	102	28-10 .....	109	28-572 .....	117	32-2 .....	128
26-244 .....	102	28-12 .....	109	28-574 .....	117	32-4 .....	128
26-246 .....	102	28-14 .....	109	28-586 .....	117	32-6 .....	128
26-248 .....	102	28-20 .....	109	28-600 .....	118	32-6XL .....	128
26-252 .....	50, 102, 110	28-30 .....	109	28-602 .....	118	32-6XXL .....	128
26-254 .....	50, 102, 110	28-32 .....	109	28-604 .....	118	32-10 .....	128
26-255 .....	50, 102, 110	28-34 .....	109	28-606 .....	118	32-12 .....	129
26-256 .....	50, 102, 110	28-36 .....	109	28-608 .....	118	32-14 .....	129
26-258 .....	50, 102, 110	28-40-35 .....	109	28-610 .....	89, 118	32-16 .....	129
26-270 .....	103	28-40-50 .....	109	28-612 .....	89, 118	32-18 .....	129
26-272 .....	103	28-40-75 .....	109	28-618 .....	118	32-20 .....	129
26-274 .....	103	28-40-90 .....	109	30-64 .....	112, 119	32-38 .....	129
26-400 .....	8, 103	28-120 .....	110	30-66 .....	119	32-40 .....	129
26-402 .....	8, 103	28-122 .....	110	30-74 .....	119	32-30 .....	130
26-404 .....	8, 103	28-124 .....	111	30-76 .....	119	32-32 .....	130
26-410 .....	9, 103, 114	28-130 .....	111	30-80 .....	119	32-34 .....	130
26-412 .....	9, 103, 114	28-132 .....	111	30-120-2 .....	120, 185, 190	32-36 .....	130
26-414 .....	9, 103, 114	28-134 .....	111	30-120-4 .....	120, 185, 190	32-34XL .....	130
26-416 .....	9, 103, 114	28-152 .....	29, 111	30-120-6 .....	120, 185, 190	32-21 .....	131
26-418 .....	9, 103, 114	28-156 .....	111	30-120-8 .....	120, 185, 190	32-22 .....	131
26-420 .....	9, 103, 114	28-210 .....	112	30-120-10 .....	120, 185, 190	32-24 .....	131
26-422 .....	9, 103, 114	28-212 .....	112	30-120-12 .....	120, 185, 190	32-26 .....	131
26-424 .....	9, 103, 114	28-214 .....	112	30-120-15 .....	120, 185, 190	32-28 .....	131
26-446 .....	9, 103	28-216 .....	112	30-130-4 .....	120, 191	32-44 .....	131
26-470 .....	104	28-218 .....	112	30-130-7 .....	120, 191	32-46 .....	131
26-472 .....	104	28-220 .....	112	30-130-9 .....	120, 191	32-48 .....	131
26-474 .....	104	28-222 .....	112	30-130-12 .....	120, 191	32-50 .....	131
26-476 .....	104	28-224 .....	112	30-150-10 .....	120, 191	32-52 .....	131
26-480 .....	104	28-228 .....	113	30-150-12 .....	120, 191	32-90 .....	132
26-482 .....	104	28-240 .....	113	30-150-14 .....	120, 191	32-92 .....	132
26-484 .....	104	28-244 .....	113	30-150-16 .....	120, 191	32-94 .....	132
26-486 .....	104	28-248 .....	113	30-280 .....	121	32-96 .....	132
26-490 .....	104	28-250 .....	113	30-282 .....	121	32-98 .....	132
26-492 .....	104	28-252 .....	113	30-284 .....	121	32-100 .....	132
26-494 .....	104	28-254 .....	113	30-298 .....	121	32-114 .....	132
26-496 .....	104	28-260 .....	113	30-302 .....	122	32-116 .....	132
26-500 .....	105	28-262 .....	113	30-314 .....	122	32-118 .....	132
26-502 .....	105	28-264 .....	113	30-318 .....	122	32-120 .....	132
26-503 .....	105	28-266 .....	113	30-320 .....	122	32-130 .....	95, 133
26-504 .....	106	28-450 .....	114	30-322 .....	123	32-132 .....	95, 133

32-134	95, 133	32-584	142	32-876	63, 150	34-246	162
32-140	95, 133	32-586	142	32-877	63, 150	34-370	9, 162
32-142	95, 133	32-588	142	32-878	63, 150	34-372	9, 162
32-144	95, 133	32-592	142	32-880	63, 150	36-108	60, 165
32-148	96, 133	32-596	142	32-881	63, 150	36-110	60, 165
32-150	96, 134	32-600	143	32-882	63, 150	36-112	61, 165
32-152	96, 134	32-602	143	32-883	63, 150	38-38	166
32-154	96, 134	32-604	143	32-885	63, 150	38-40	166
32-160	134	32-606	143	32-886	63, 150	38-110	86, 166
32-190	135	32-608	143	32-887	63, 150	38-112	86, 166
32-192	135	32-610	143	32-888	63, 150	38-130	87, 166
32-194	135	32-612	143	32-920C	151	38-132	87, 166
32-200	135	32-614	143	32-921C	151	38-134	87, 166
32-202	136	32-620	143	32-922C	151	38-136	87, 166
32-204	136	32-622	143	32-923C	151	38-290	166
32-206	136	32-624	143	32-925C	151	38-300	167
32-208	136	32-626	143	32-926C	151	38-302	167
32-400	137	32-628	143	32-927C	151	38-304	167
32-401	137	32-630	143	32-930C	151	38-306	167
32-402	137	32-634	143	32-931C	151	38-308	167
32-403	137	32-636	143	32-932C	151	38-310	167
32-404	137	32-638	143	32-933C	151	38-322	167
32-405	137	32-640	143	32-950	154	38-324	167
32-406	137	32-642	143	32-952	154	38-326	167
32-407	137	32-646	143	32-1070	154	38-330	167
32-408	137	32-648	143	32-2002	155	38-332	167
32-409	137	32-650	144	32-2004	155	38-334	167
32-410	137	32-652	144	32-2006	155	38-336	167
32-411	137	32-654	144	32-2006XXL	155	38-356	168
32-412	137	32-656	144	32-2030	155	38-426	168
32-470	137	32-660	144	32-2032	155	38-428	168
32-471	137	32-662	144	32-2034	155	38-430	168
32-472	137	32-664	144	32-2034XL	155	38-514	168
32-473	137	32-670	144	32-2008	155	38-516	168
32-474	137	32-682	145	32-2010	155	38-530	168
32-475	137	32-690	145	32-2012	155	38-532	168
32-476	137	32-692	145	32-2200	156	38-534	168
32-477	137	32-694	145	32-2202	156	38-600	168
32-478	137	32-700	146	32-2548	156	38-680	52, 170
32-480	137	32-710	146	34-10	157	38-700	52, 170
32-481	137	32-720	146	34-30	96, 157	38-702	52, 170
32-482	137	32-730	147	34-32	96, 157	38-704	52, 170
32-483	137	32-732	147	34-34	96, 157	38-706	52, 170
32-484	137	32-740	148	34-40	157	38-710	52, 170
32-485	137	32-750	148	34-41	157	38-752	52, 170
32-486	137	32-752	148	34-60	158	38-756	52, 170
32-487	137	32-762	148	34-62	158	38-758	53, 171
32-488	137	32-764	148	34-64	158	38-762	53, 171
32-492	138	32-770	148	34-70	158	38-764	53, 171
32-494	138	32-772	148	34-72	158	38-766	53, 171
32-500	140	32-780	148	34-90	159	38-770	53, 171
32-502	140	32-782	148	34-100	159	38-772	53, 171
32-504	140	32-830	62, 149	34-102	159	38-774	53, 171
32-506	140	32-832	62, 149	34-104	159	38-786	53, 171
32-508	140	32-834	62, 149	34-140	159	38-800	53, 171
32-512	140	32-838	62, 149	34-164	160	38-1200	54, 172
32-520	66, 140	32-840	62, 149	34-200	160	38-1202	54, 172
32-522	66, 140	32-842	62, 149	34-202	160	38-1206	54, 172
32-548	141	32-870	63, 150	34-208	160	38-1208	54, 172
32-563	141	32-871	63, 150	34-210	161	38-1210	54, 172
32-564	141	32-872	63, 150	34-212	161	38-1212	54, 172
32-580	142	32-873	63, 150	34-214	161	38-1214	54, 172
32-582	142	32-875	63, 150	34-230	162	38-1220	54, 172

42-88/1-3.....	178	44-434.....	185, 190	44-2108.....	195	50-50-28.....	198
42-94.....	178	44-436.....	185, 190	48-12.....	196	50-50-30.....	198
42-108.....	179	44-438.....	185, 190	48-16.....	196	50-50-32.....	198
42-110.....	179	44-440.....	185, 190	48-20.....	196	50-50-34.....	198
42-130.....	179	44-450.....	190	48-24.....	164, 196	50-50-36.....	198
42-132.....	179	44-452.....	190	48-26.....	196	50-60-16.....	199
42-134.....	179	44-454.....	190	48-28.....	196	50-60-18.....	199
42-136.....	180	44-460.....	191	48-34.....	164, 196	50-60-20.....	199
42-138.....	180	44-462.....	191	48-44.....	196	50-150.....	66, 140
42-140.....	180	44-464.....	191	48-46.....	196	50-400.....	199
42-142.....	180, 194	44-466.....	191	48-48.....	141, 164, 196	50-404.....	199
42-180.....	180	44-468.....	191	48-50.....	196	50-418.....	199
42-184.....	181	44-470.....	191	48-52.....	196	56-240.....	91, 200
42-186.....	181	44-472.....	191	48-54.....	196	56-244C.....	188, 201
42-190.....	181	44-474.....	191	48-56.....	196	56-246C.....	188, 201
42-192.....	181	44-480.....	191	48-114.....	197	56-290.....	202
42-200.....	182	44-482.....	191	48-116.....	197	56-300.....	202
42-204.....	182	44-484.....	191	48-128.....	60, 197	56-302.....	202
42-204.....	182	44-486.....	191	48-130.....	60, 197	56-304.....	202
42-206.....	182	44-488.....	191	48-134.....	60, 197	56-500.....	203
42-210.....	182	44-490.....	191	48-136.....	60, 197	56-502.....	203
42-262.....	182	44-500.....	191	50-26-8.....	198	56-530.....	203
42-400.....	182	44-502.....	191	50-26-10.....	198		
42-402.....	182	44-504.....	191	50-26-12.....	198		
42-798.....	183	44-504.....	191	50-26-14.....	198		
42-1200.....	184	44-506.....	191	50-26-16.....	198		
42-1202.....	184	44-508.....	191	50-26-18.....	198		
42-1204.....	184	44-510.....	191	50-26-20.....	198		
42-1206.....	184	44-650.....	192	50-26-22.....	198		
42-1208.....	184	44-652.....	192	50-26-24.....	198		
42-1210.....	184	44-660.....	192	50-26-26.....	198		
42-1212.....	184	44-662.....	192	50-26-28.....	198		
42-1300.....	185	44-670.....	192	50-26-30.....	198		
42-1302.....	185	44-672.....	192	50-26-32.....	198		
42-1304.....	185	44-680.....	192	50-26-34.....	198		
42-1306.....	185	44-682.....	192	50-26-36.....	198		
42-1308.....	185	44-684.....	192	50-26-38.....	198		
44-204C.....	186	44-688.....	192	50-26-40.....	198		
44-210C.....	186	44-720.....	122, 192	50-30-8.....	198		
44-212C.....	187	44-722.....	122, 192	50-30-10.....	198		
44-216C.....	187	44-724.....	122, 192	50-30-12.....	198		
44-218C.....	187	44-860.....	194	50-30-14.....	198		
44-220.....	187	44-862.....	194	50-30-16.....	198		
44-226.....	188	44-864.....	194	50-30-18.....	198		
44-228.....	188	44-866.....	194	50-30-20.....	198		
44-230C.....	188	44-868.....	194	50-30-22.....	198		
44-234.....	188	44-870.....	194	50-30-24.....	198		
44-380.....	189	44-872.....	194	50-30-26.....	198		
44-382.....	189	44-874.....	194	50-30-28.....	198		
44-384.....	189	44-920.....	195	50-30-30.....	198		
44-386.....	189	44-922.....	195	50-30-32.....	198		
44-390.....	189	44-924.....	195	50-30-34.....	198		
44-402.....	185, 190	44-926.....	195	50-50-8.....	198		
44-404.....	185, 190	44-928.....	195	50-50-10.....	198		
44-406.....	185, 190	44-930.....	195	50-50-12.....	198		
44-408.....	185, 190	44-936.....	127, 195	50-50-14.....	198		
44-410.....	185, 190	44-938.....	127, 195	50-50-16.....	198		
44-412.....	185, 190	44-942.....	195	50-50-18.....	198		
44-414.....	185, 190	44-944.....	195	50-50-20.....	198		
44-418.....	185, 190	44-1000.....	195	50-50-22.....	198		
44-420.....	185, 190	44-1002.....	195	50-50-22.....	198		
44-430.....	185, 190	44-1004.....	195	50-50-24.....	198		
44-432.....	185, 190	44-1006.....	195	50-50-26.....	198		



