



DIXONS

**SURGICAL INSTRUMENTS
CATALOGUE**

Dixons Surgical Instruments Ltd is a leading UK manufacturer of Surgical and Orthopaedic Instruments. We specialise in the manufacture of Precision Medical Devices and can offer a full service from Design, through Prototyping and on to Full Production Runs.

The company was founded in November 1948 by Frank Dixon in Caledonian Road, London before moving to Leigh-On-Sea, Essex in 1956. Frank's son, John Dixon, joined the company in 1960 and trained in all aspects of the business. On the death of his Father in 1979, John took over as Managing Director. He was joined shortly after by his wife, Joan Dixon, who became the Financial Director.

The company steadily expanded over the years and in 1989 it moved from the site in Leigh-On-Sea to a purpose built factory in Wickford, Essex, approximately 30 miles (50 Km) east of London.

John and Joan's son, Jay Dixon, joined the company in 1990 and carried out a 5 year apprenticeship as a Surgical Instrument Maker. He then followed in his Father's footsteps by training in all other aspects of the business, becoming Technical Director in 2004.

In 2010 Jay Dixon was appointed Managing Director, while John Dixon moved into the role of Chairman. Joan Dixon continues to be the Financial Director.

Today our Surgical and Orthopaedic Instruments are manufactured at our Wickford factory using a combination of the latest CNC controlled machines, along with the manual skills of our experienced craftsmen. This approach enables us to make Surgical and Orthopaedic Instruments in the most accurate and efficient way possible whilst still retaining that finishing touch required for truly excellent instruments.

Dixons are committed to meeting the quality requirements of todays market, and are running a Quality Management System which has been certified to BS EN ISO 9001:2008 and EN ISO 13485:2012.

June 2017



Introduction

Welcome to the sixth edition of the Dixons Surgical Instruments Catalogue.

With this catalogue we aim to provide a reference guide to the range of surgical instruments that we produce.

Presentation

This Catalogue is presented in three sections.

Section 1 Illustrated Catalogue

This is arranged by surgical procedure and then alphabetically by instrument type and instrument name.

Procedure	Page No
General	1
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Gynaecology and Obstetrics	123
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Section 2 Index - Alphabetical

This is arranged by description of both instrument type and instrument name.

Section 3 Index - Numerical

This is arranged by product code.

Lifetime Guarantee

All Dixons surgical instruments are guaranteed for life.

Any item which is found to be defective, because of materials or poor craftsmanship, will be repaired or replaced at our discretion free of charge.

This guarantee will not cover products which have become defective through misuse, neglect, or poor quality repair by other companies.

English Gauge / French Gauge / Standard Wire Gauge Conversions

English Gauge	French Gauge	Decimal Inches	Millimeters
	1	0.013	0.330
00		0.020	0.500
	2	0.026	0.660
0	3	0.039	1.000
	4	0.052	1.330
1		0.059	1.500
	5	0.065	1.660
2	6	0.079	2.000
	7	0.092	2.330
3		0.098	2.500
	8	0.105	2.660
4	9	0.118	3.000
	10	0.131	3.330
5		0.138	3.500
	11	0.144	3.660
6	12	0.157	4.000
	13	0.170	4.330
7		0.177	4.500
	14	0.183	4.660
8	15	0.196	5.000
	16	0.209	5.330
9		0.217	5.500
	17	0.223	5.660
10	18	0.236	6.000
	19	0.248	6.330
11		0.256	6.500
	20	0.262	6.660
12	21	0.276	7.000
	22	0.289	7.330
13		0.295	7.500
	23	0.302	7.660
14	24	0.316	8.000
	25	0.328	8.330
15		0.334	8.500
	26	0.340	8.660
16	27	0.354	9.000
	28	0.367	9.330
17		0.374	9.500
	29	0.380	9.660
18	30	0.394	10.000
	31	0.406	10.330
19		0.413	10.500
	32	0.419	10.660
20	33	0.434	11.000
	34	0.446	11.330
21		0.453	11.500
	35	0.459	11.660
22	36	0.472	12.000
	37	0.485	12.330
23		0.492	12.500
	38	0.498	12.660

Std Wire Gauge	Decimal Inches	Millimeters
0	0.3240	8.2294
1	0.3000	7.6199
2	0.2760	7.0103
3	0.2520	6.4007
4	0.2320	5.8927
5	0.2120	5.3847
6	0.1920	4.8767
7	0.1760	4.4703
8	0.1600	4.0639
9	0.1440	3.6575
10	0.1280	3.2511
11	0.1160	2.9463
12	0.1040	2.6415
13	0.0920	2.3368
14	0.0800	2.0320
15	0.0720	1.8288
16	0.0640	1.6256
17	0.0560	1.4224
18	0.0480	1.2192
19	0.0400	1.0160
20	0.0360	0.9144
21	0.0320	0.8128
22	0.0280	0.7112
23	0.0240	0.6096
24	0.0220	0.5588
25	0.0200	0.5080
26	0.0180	0.4572
27	0.0164	0.4166
28	0.0148	0.3759
29	0.0136	0.3454
30	0.0124	0.3150
31	0.0116	0.2946
32	0.0108	0.2743
33	0.0100	0.2540
34	0.0092	0.2337
35	0.0084	0.2134
36	0.0076	0.1930
37	0.0068	0.1727
38	0.0060	0.1524
39	0.0052	0.1321
40	0.0048	0.1219
41	0.0044	0.1118
42	0.0040	0.1016

Metric / Imperial Conversions

Fractional Inches	Decimal Inches	Millimeters
1/64	0.016	0.397
1/32	0.031	0.794
3/64	0.047	1.191
1/16	0.063	1.587
5/64	0.078	1.984
3/32	0.094	2.381
7/64	0.109	2.778
1/8	0.125	3.175
9/64	0.141	3.572
5/32	0.156	3.969
11/64	0.172	4.366
3/16	0.188	4.762
13/64	0.203	5.159
7/32	0.219	5.556
15/64	0.234	5.953
1/4	0.250	6.350
17/64	0.266	6.747
9/32	0.281	7.144
19/64	0.297	7.540
5/16	0.313	7.937
21/64	0.328	8.334
11/32	0.344	8.731
23/64	0.359	9.128
3/8	0.375	9.525
25/64	0.391	9.922
13/32	0.406	10.319
27/64	0.422	10.715
7/16	0.438	11.112
29/64	0.453	11.509
15/32	0.469	11.906
31/64	0.484	12.303
1/2	0.500	12.700
33/64	0.516	13.097
17/32	0.531	13.493
35/64	0.547	13.890
9/16	0.563	14.287
37/64	0.578	14.684
19/32	0.594	15.081
39/64	0.609	15.478
5/8	0.625	15.875
41/64	0.641	16.272
21/32	0.656	16.668
43/64	0.672	17.065
11/16	0.688	17.462
45/64	0.703	17.859
23/32	0.719	18.256
47/64	0.734	18.653
3/4	0.750	19.050
49/64	0.766	19.446
25/32	0.781	19.843
51/64	0.797	20.240
13/16	0.813	20.637
53/64	0.828	21.034
27/32	0.844	21.431
55/64	0.859	21.828
7/8	0.875	22.225
57/64	0.891	22.621
29/32	0.906	23.018
59/64	0.922	23.415
15/16	0.938	23.812
61/64	0.953	24.209
31/32	0.969	24.606
63/64	0.984	25.003
1	1.000	25.400

Fractional Inches	Decimal Inches	Millimeters
1	1.000	25.4
1 1/8	1.125	28.6
1 1/4	1.250	31.7
1 3/8	1.375	34.9
1 1/2	1.500	38.1
1 5/8	1.625	41.3
1 3/4	1.750	44.4
1 7/8	1.875	47.6
2	2.000	50.8
2 1/8	2.125	54.0
2 1/4	2.250	57.1
2 3/8	2.375	60.3
2 1/2	2.500	63.5
2 5/8	2.625	66.7
2 3/4	2.750	69.8
2 7/8	2.875	73.0
3	3.000	76.2
3 1/8	3.125	79.4
3 1/4	3.250	82.5
3 3/8	3.375	85.7
3 1/2	3.500	88.9
3 5/8	3.625	92.1
3 3/4	3.750	95.2
3 7/8	3.875	98.4
4	4.000	102
4 1/4	4.000	102
4 1/2	4.250	108
4 3/4	4.500	114
5	5.000	127
5 1/4	5.250	133
5 1/2	5.500	140
5 3/4	5.750	146
6	6.000	152
6 1/4	6.250	159
6 1/2	6.500	165
6 3/4	6.750	171
7	7.000	178
7 1/4	7.250	184
7 1/2	7.500	190
7 3/4	7.750	197
8	8.000	203
8 1/4	8.250	210
8 1/2	8.500	216
8 3/4	8.750	222
9	9.000	229
9 1/4	9.250	235
9 1/2	9.500	241
9 3/4	9.750	248
10	10.000	254
10 1/4	10.250	260
10 1/2	10.500	267
10 3/4	10.750	273
11	11.000	279
11 1/4	11.250	286
11 1/2	11.500	292
11 3/4	11.750	298
12	12.000	305
12 1/4	12.250	311
12 1/2	12.500	317
12 3/4	12.750	324
13	13.000	330
13 1/4	13.250	337
13 1/2	13.500	343
13 3/4	13.750	349

Instructions For Re-Processing Of Reuseable Devices

The following instructions are for all reuseable medical devices supplied by Dixons, unless stated otherwise with the packaging of the product. These instructions are intended for use only by persons with the required specialist knowledge and training.

WARNINGS

- Follow instructions and warnings as issued by manufacturers of any decontaminants, disinfectants and cleaning agents used. Wherever possible avoid use of mineral acids and harsh, abrasive agents.
- No part of the process shall exceed 140°C.
- Aluminium and Lead based devices are damaged by high alkaline solutions (pH > 10).
- Rubber, Plastic, Blackened, Insulated and Fibrelight devices are damaged by high alkaline solutions (pH > 10).
- Devices with long, narrow cannula, hinges and blind holes require particular attention during cleaning.

Note: *when reprocessing medical devices, always handle with care, wearing protective clothing, gloves and eyewear in accordance with local Health & Safety procedures.*

Limitations On Reprocessing

- Repeated processing has minimal effect on these devices.
- End of life is normally determined by wear and damage in use.
- Any specific limitations on the number of reprocessing cycles shall be made available with the device.

INSTRUCTIONS

From Point Of Use

- Wherever possible, do not allow blood, debris or bodily fluids to dry on devices. For best results, and to prolong the life of the device, reprocess immediately after use. If they cannot be reprocessed immediately, use an enzymatic foam spray cleaner to help prevent soil from drying.

Preparation For Decontamination

- Reprocess all devices as soon as it is reasonably practical following use.
- Disassemble only where intended, without the use of tools unless specifically provided by the manufacturer. Where instructions for disassembly are required, these are available with the device.

Cleaning - Automated

- **Use only either CE marked or validated washer-disinfector machines and low-foaming, non-ionising cleaning agents and detergents following the manufacturers instructions for use, warnings, concentrations and recommended cycles.**
- Load devices carefully, with any box joints and hinges open and so that any fenestrations in devices can drain.
- Place heavy devices with care in the bottom of containers, taking care not to overload wash baskets.
- Place devices with concave surfaces (e.g. curettes) facing down to prevent pooling of water.
- Where available, use appropriate attachments to flush inside reamers and devices with lumens or cannula.
- Ensure that soft, high purity water which is controlled for bacterial endotoxins is used in the final rinse stage.

Note: *automated cleaning may not be suitable for all lumens and cannula, in which case clean manually with a water jet gun, if available, and an appropriate brush (and stilette if provided) that reaches the depth of the feature. After manually cleaning, pass all devices through an automated cleaning cycle to achieve disinfection.*

Note: *these instructions have been validated using a washer-disinfector cycle validated to include two cold rinses at <35°C, a detergent cycle and a rinse cycle both at >50°C, a disinfection cycle operating at a temperature of between 80°C and 87°C for a minimum holding time of 1 minute (actual holding time in excess of 2 minutes 50 seconds) and a 20 minute drying cycle. The detergent used was a low-foaming, non-ionising spray wash detergent cleaner (max 12pH) and the rinse aid a neutral pH low-foaming, non-ionic surfactant with isopropyl alcohol.*

Instructions For Re-Processing Of Reuseable Devices

Cleaning - Manual

- **Manual cleaning is not advised if an automatic washer-disinfector is available. If this equipment is not available, use the following process:**
- 1. Use a double sink system (wash / rinse) dedicated for device cleaning (not used for hand washing). Ensure that the water temperature does not exceed 35°C.
- 2. In the first sink, keeping the device submerged, with an autoclavable brush, apply CE marked cleaning solution to all surfaces until all soil has been removed. Pay particular attention to serrations, teeth, ratchets and hinges, always brushing away from the body and avoiding splashing. Ensure rongeurs and hinged devices are thoroughly cleaned in both open and closed positions.
- 3. In the second sink, rinse the device thoroughly with soft, high purity water which is controlled for bacterial endotoxins, so that the water reaches all parts of the device, then carefully hand dry or use a drying cabinet.

Note: *manual cleaning is NOT a disinfection process. When manual cleaning is used it may not be possible to disinfect the device prior to further handling.*

Cleaning - Inspection

- After cleaning, visually inspect all surfaces, cannulations, ratchets, joints, holes and lumens for complete removal of soil and fluids. If ANY soil or fluid is still visible, return the device for repeat decontamination.

Maintenance

- Apply surgical grade lubricants to hinges, joints and moving parts as per the lubricant manufacturers instructions.

Inspection And Function Testing

- Visually inspect and check:
 - all devices for damage and wear.
 - cutting edges are free of nicks and present a continuous edge.
 - jaws and teeth align correctly.
 - all articulated instruments have a smooth movement without excess play.
 - locking mechanisms (such as ratchets) fasten securely and close easily.
 - long, slender instruments are not distorted.
 - any component parts fit and assemble correctly with mating components.
- Remove for repair or replacement any blunt, worn out, flaking, fractured or damaged devices.

Note: *if a device is returned to the manufacturer / supplier, the device MUST be decontaminated and sterilised and be accompanied by the relevant documented evidence.*

Packaging

- All instruments are to be packed following local protocol in accordance with BS standards.

Sterilisation

- **Either CE marked or validated vacuum autoclave operating at 134-137°C / 2.25 bar for a minimum holding time of 3 minutes - always following the instructions of the machine manufacturer.**
- When sterilising multiple devices in one autoclave cycle, ensure that the steriliser manufacturers stated maximum load is not exceeded.
- Ensure devices are dry before sterilisation.

Storage

- Ensure devices are dry before storage, and stored in dry, clean conditions at an ambient room temperature.

Additional Information

- Other forms of cleaning (i.e. ultrasonic) and sterilisation (i.e. low temperature steam and formaldehyde, ethyleneoxide and gas plasma) are available. However, always follow the instructions for use as issued by the manufacturer and always consult with them if in any doubt over the suitability of any process used.
- Cleaning and sterilising guidelines are available in HTM 2030 and HTM 2010. Contact: The Stationary Office for details at www.tso.co.uk. For further information contact: NHS Estates Information Centre, Department Of Health, 1 Trevelyan Square, Boar Lane, Leeds, LS1 6AE, UK or visit www.nhsestates.gov.uk

Note: *It is the responsibility of the reprocessor to ensure that the reprocessing as actually performed using equipment, materials and personnel in the reprocessing facility achieve the desired result. This requires validation and routine monitoring of the process. Likewise any deviation by the reprocessor from the instructions provided must be properly evaluated for effectiveness and potential adverse consequences.*

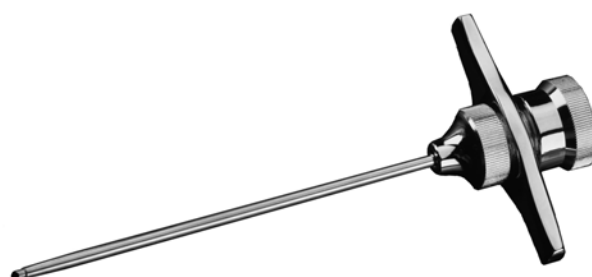
- 11410-12** Ackermans Bone Marrow Biopsy Needle, luer lock fitting, 12swg (2.6mm) x 100mm



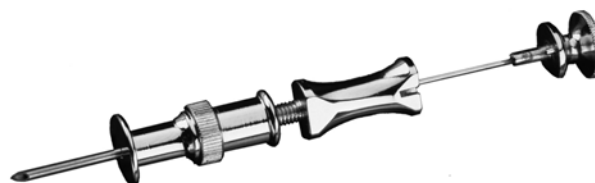
- 11420-06** Bergstrom Muscle Biopsy Needle, large, 6swg (5.0mm) x 100mm
11420-07 Bergstrom Muscle Biopsy Needle, medium, 7swg (4.5mm) x 100mm
11420-08 Bergstrom Muscle Biopsy Needle, small, 8swg (4.0mm) x 100mm
11420-11 Bergstrom Muscle Biopsy Needle, extra small, 11swg (3.0mm) x 100mm



- 11480-08** Janus (Jamshidi Type) Bone Marrow Biopsy Needle, extra large, luer fitting, 8swg (4.0mm) x 100mm
11480-11 Janus (Jamshidi Type) Bone Marrow Biopsy Needle, adult, luer fitting, 11swg (3.0mm) x 100mm
11480-13 Janus (Jamshidi Type) Bone Marrow Biopsy Needle, child, luer fitting, 13swg (2.3mm) x 90mm
11480-14 Janus (Jamshidi Type) Bone Marrow Biopsy Needle, small child, luer fitting, 14swg (2.0mm) x 90mm



- 11500-14** Klima Bone Marrow Biopsy Needle, iliac crest, luer fitting, 14swg (2.0mm) x 25mm
11510-16 Klima Bone Marrow Biopsy Needle, sternal puncture, adult, luer fitting, 16swg (1.6mm) x 25mm
11510-18 Klima Bone Marrow Biopsy Needle, sternal puncture, child, luer fitting, 18swg (1.2mm) x 25mm



General

Biopsy Needles



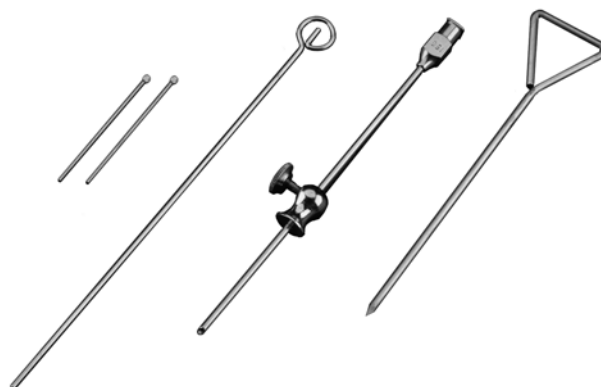
- 11515-16** Osgood Bone Marrow Biopsy Needle, adult, luer lock fitting, 16swg (1.6mm) x 35mm
- 11515-18** Osgood Bone Marrow Biopsy Needle, child, luer lock fitting, 18swg (1.2mm) x 25mm



- 11520-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 17swg (1.4mm) x 70mm
- 11520-18** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 18swg (1.2mm) x 70mm
- 11520-19** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 19swg (1.0mm) x 70mm
- 11523-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 17swg (1.4mm) x 100mm
- 11523-18** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 18swg (1.2mm) x 100mm
- 11523-19** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 19swg (1.0mm) x 100mm
- 11524-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 17swg (1.4mm) x 110mm
- 11525-16** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 16swg (1.6mm) x 120mm
- 11525-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 17swg (1.4mm) x 120mm
- 11525-18** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 18swg (1.2mm) x 120mm
- 11525-19** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 19swg (1.0mm) x 120mm
- 11527-16** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 16swg (1.6mm) x 140mm
- 11527-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 17swg (1.4mm) x 140mm
- 11527-18** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 18swg (1.2mm) x 140mm
- 11527-19** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 19swg (1.0mm) x 140mm
- 11540-17** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, child, luer lock fitting, 17swg (1.4mm) x 40mm
- 11540-18** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, child, luer lock fitting, 18swg (1.2mm) x 40mm
- 11540-19** Menghini Liver Biopsy Needle, c/w obturator, trocar and blocking pin, child, luer lock fitting, 19swg (1.0mm) x 40mm

Biopsy Needles

- 11530-07** Menghini Liver Biopsy Needle, with adjustable stop, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 15swg (1.8mm) x 70mm
- 11530-09** Menghini Liver Biopsy Needle, with adjustable stop, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 15swg (1.8mm) x 90mm
- 11530-10** Menghini Liver Biopsy Needle, with adjustable stop, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 15swg (1.8mm) x 100mm
- 11530-11** Menghini Liver Biopsy Needle, with adjustable stop, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 15swg (1.8mm) x 110mm
- 11530-12** Menghini Liver Biopsy Needle, with adjustable stop, c/w obturator, trocar and blocking pin, adult, luer lock fitting, 15swg (1.8mm) x 120mm



- 11545-13** Parker Pearson Synovial Biopsy Needle, with adjustable stop, c/w trocar and biopsy snare, large, luer lock fitting, 13swg (2.3mm) x 120mm
- 11545-14** Parker Pearson Synovial Biopsy Needle, with adjustable stop, c/w trocar and biopsy snare, standard, luer lock fitting, 14swg (2.0mm) x 50mm
- 11545-15** Parker Pearson Synovial Biopsy Needle, with adjustable stop, c/w trocar and biopsy snare, small, luer lock fitting, 15swg (1.8mm) x 50mm



- 11565-16** Sahla (Witt) Bone Marrow Biopsy Needle, sternal puncture, adult, with adjustable stop, luer fitting, 16swg (1.6mm) x 50mm
- 11565-18** Sahla (Witt) Bone Marrow Biopsy Needle, sternal puncture, child, with adjustable stop, luer fitting, 18swg (1.2mm) x 50mm



- 11570-16** Rosenthal Bone Marrow Biopsy Needle, adult, luer lock fitting, 16swg (1.6mm) x 35mm
- 11570-18** Rosenthal Bone Marrow Biopsy Needle, child, luer lock fitting, 18swg (1.2mm) x 25mm



General

Biopsy Needles



- 11580-06** Silverman Soft Tissue Biopsy Needle, child, luer lock fitting, 14swg (2.0mm) x 65mm
- 11580-08** Silverman Soft Tissue Biopsy Needle, standard adult, luer lock fitting, 13swg (2.3mm) x 85mm
- 11580-11** Silverman Soft Tissue Biopsy Needle, long adult, luer lock fitting, 13swg (2.3mm) x 115mm



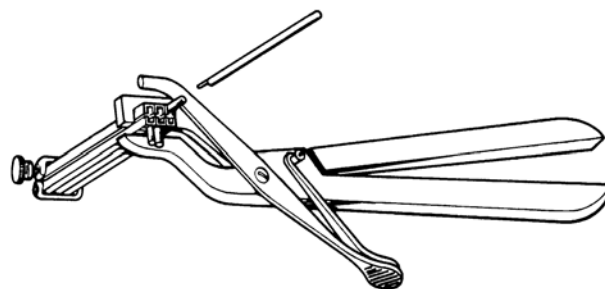
- 11610-11** Westerman Jensen Soft Tissue Biopsy Needle, luer lock fitting, 10swg (3.3mm) x 110mm



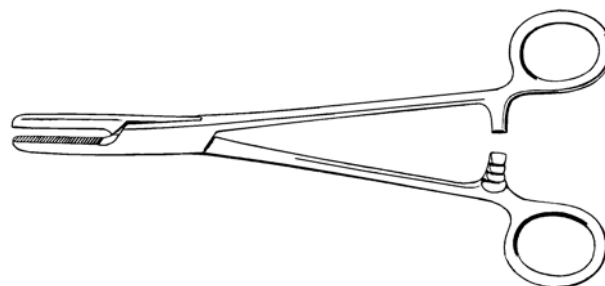
- 11750-06** UCH Skeletal Muscle Biopsy Needle, with aspiration, large, luer lock fitting, 6swg (5.0mm) x 120mm
- 11750-07** UCH Skeletal Muscle Biopsy Needle, with aspiration, medium, luer lock fitting, 7swg (4.5mm) x 120mm
- 11750-08** UCH Skeletal Muscle Biopsy Needle, with aspiration, small, luer lock fitting, 8swg (4.0mm) x 80mm

Clamps

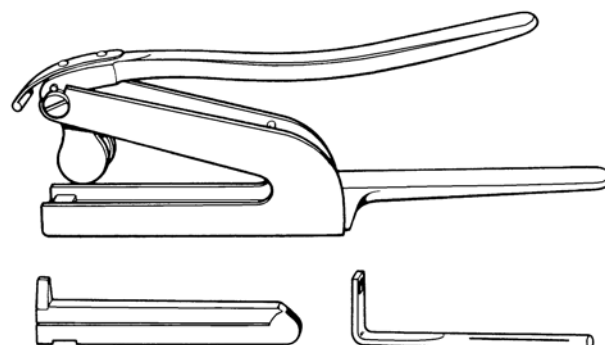
- 12010-10** De Martel Anastomosis Clamp, closing device only
12010-20 De Martel Anastomosis Clamp, segment clamp only
12010-30 De Martel Anastomosis Clamp, segment only, short peg
12010-35 De Martel Anastomosis Clamp, segment only, long peg
12010-40 De Martel Anastomosis Clamp, tommy bar only
12010-90 De Martel Anastomosis Clamp, complete with 2 x segments with short peg, 1 x segment with long peg, tommy bar and segment clamp



- 12160-18** Tubing Clamp, 180mm

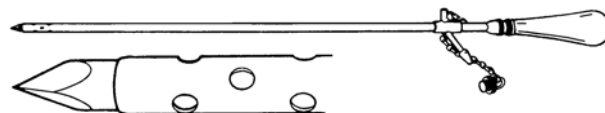


- 12170-10** Zachary Cope Anastomosis Clamp, closing device only
12170-20 Zachary Cope Anastomosis Clamp, segment only
12170-30 Zachary Cope Anastomosis Clamp, tommy bar only
12170-90 Zachary Cope Anastomosis Clamp, complete with 3 segments and tommy bar



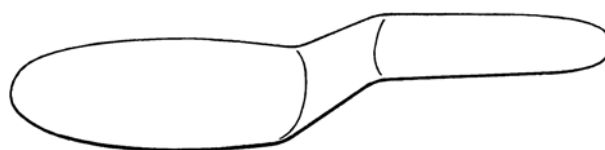
Decompressors

- 12400-50** Savage Intestinal Decompressor, s/s, trocar and cannula, 8mm o.d., 500mm



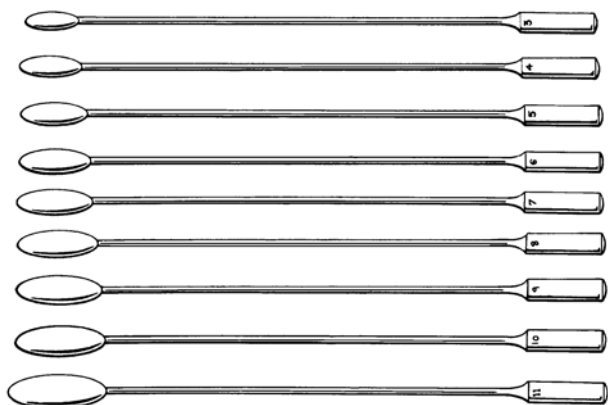
Depressors

- 12520-45** St.Barts Intestinal Depressor, 45mm x 28mm

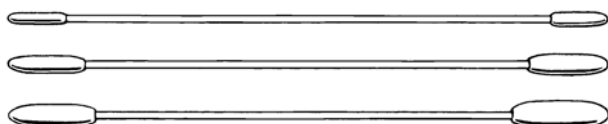


General

Dilators



- 13200-03** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 3mm diameter head
- 13200-04** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 4mm diameter head
- 13200-05** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 5mm diameter head
- 13200-06** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 6mm diameter head
- 13200-07** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 7mm diameter head
- 13200-08** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 8mm diameter head
- 13200-09** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 9mm diameter head
- 13200-10** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 10mm diameter head
- 13200-11** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 11mm diameter head
- 13200-12** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 12mm diameter head
- 13200-13** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 13mm diameter head
- 13200-14** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 14mm diameter head
- 13200-15** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 15mm diameter head
- 13200-16** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, 16mm diameter head
- 13200-90** Bake Bile Duct Dilator, s/s, malleable stems, 200mm, set of 9 (3mm to 11mm)



- 13220-04** Maingot Bile Duct Dilator, s/s, malleable stems, double ended, 180mm, 3mm and 4mm
- 13220-06** Maingot Bile Duct Dilator, s/s, malleable stems, double ended, 180mm, 5mm and 6mm
- 13220-08** Maingot Bile Duct Dilator, s/s, malleable stems, double ended, 180mm, 7mm and 8mm
- 13220-90** Maingot Bile Duct Dilator, s/s, malleable stems, double ended, 180mm, set of 3

Directors

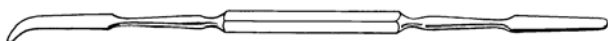


- 13340-15** Key Hernia Director, 155mm

Dissectors



- 13880-19** Bristow Dissector, double ended, 190mm



- 13940-19** MacDonald Dissector, double ended, 190mm
- 13940-25** MacDonald Dissector, double ended, 250mm

Dissectors

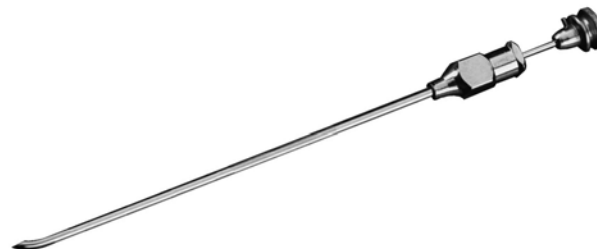
13945-18 Olivecrona Dura Dissector, double ended, 180mm



Epidural Needles

14200-16 Tuohy Epidural Needle, standard adult, luer lock fitting, 16swg (1.6mm) x 80mm

14200-18 Tuohy Epidural Needle, standard child, luer lock fitting, 18swg (1.2mm) x 80mm



Needles

15750-10 Vaughan Hudson Aneurysm Needle, large curve, left, 225mm

15750-30 Vaughan Hudson Aneurysm Needle, small curve, left, 225mm



15750-20 Vaughan Hudson Aneurysm Needle, large curve, right, 225mm

15750-40 Vaughan Hudson Aneurysm Needle, small curve, right, 225mm



Pneumoperitoneal Needles

15980-12 Verres Pneumoperitoneal Needle, luer lock fitting, 14swg (2.0mm) x 120mm

15980-15 Verres Pneumoperitoneal Needle, luer lock fitting, 14swg (2.0mm) x 150mm



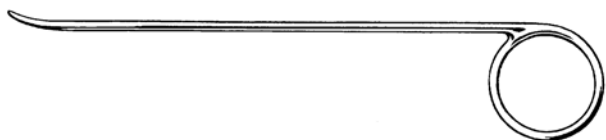
Probes

16050-15 Sinus Probe, silver, 150mm



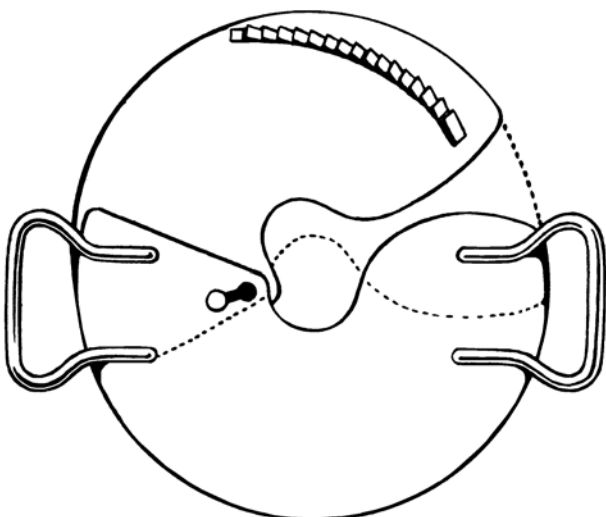
General

Probes

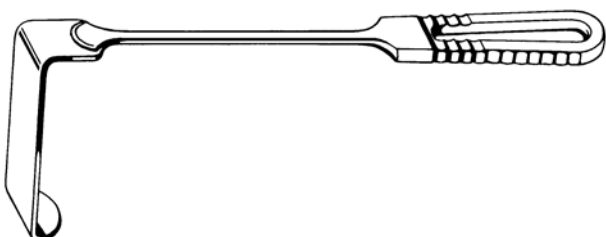


16060-10 Stacke Probe, 105mm

Retractors

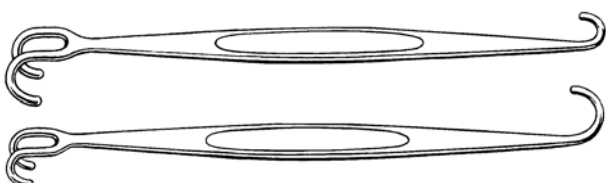


16100-24 Blake Amputation Flap Retractor, 240mm diameter



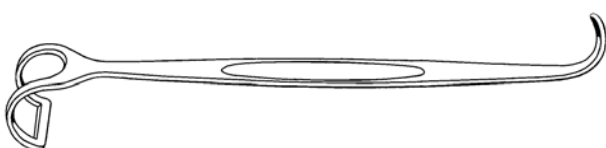
16105-70 Broomhead Psoas Retractor, 250mm, 22mm wide x 70mm deep blade

16105-90 Broomhead Psoas Retractor, 250mm, 28mm wide x 90mm deep blade



16110-10 Canny Ryall Army Pattern Retractor, large single blunt hook, small double blunt hook

16110-20 Canny Ryall Army Pattern Retractor, small single blunt hook, large double blunt hook



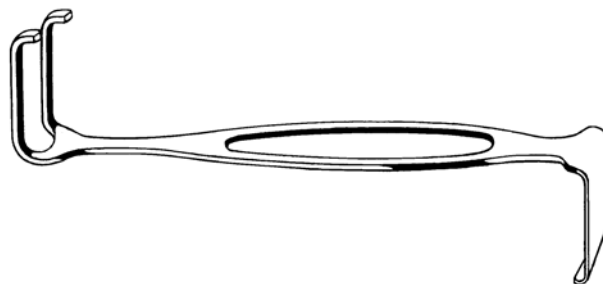
16120-15 Canny Ryall Navy Pattern Retractor, single hook 5mm wide, fenestrated blade 15mm wide

16120-20 Canny Ryall Navy Pattern Retractor, single hook 5mm wide, fenestrated blade 20mm wide

16120-25 Canny Ryall Navy Pattern Retractor, single hook 5mm wide, fenestrated blade 25mm wide

16120-30 Canny Ryall Navy Pattern Retractor, single hook 5mm wide, fenestrated blade 30mm wide

16130-18 Czerny Retractor, double ended, 180mm



16140-02 Deaver Abdominal Retractor, flat handle, No.00, 230mm, 25mm blade

16140-05 Deaver Abdominal Retractor, flat handle, No.0, 250mm, 25mm blade

16140-10 Deaver Abdominal Retractor, flat handle, No.1, 305mm, 25mm blade

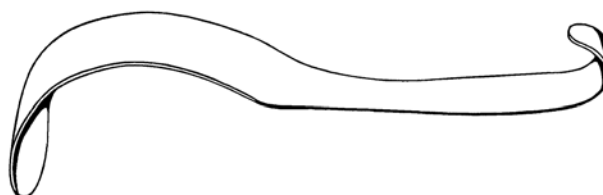
16140-20 Deaver Abdominal Retractor, flat handle, No.2, 330mm, 25mm blade

16140-30 Deaver Abdominal Retractor, flat handle, No.3, 305mm, 38mm blade

16140-40 Deaver Abdominal Retractor, flat handle, No.4, 305mm, 50mm blade

16140-50 Deaver Abdominal Retractor, flat handle, No.5, 305mm, 75mm blade

16140-90 Deaver Abdominal Retractor, flat handle, 305mm, set of 5 (No.1 - No.5)



16145-05 Deaver Abdominal Retractor, flat handle, with fibrelight, No.0, 250mm, 25mm blade

16145-10 Deaver Abdominal Retractor, flat handle, with fibrelight, No.1, 305mm, 25mm blade

16145-30 Deaver Abdominal Retractor, flat handle, with fibrelight, No.3, 305mm, 38mm blade



16150-02 Deaver Abdominal Retractor, hollow handle, No.00, 230mm, 25mm blade

16150-05 Deaver Abdominal Retractor, hollow handle, No.0, 250mm, 25mm blade

16150-10 Deaver Abdominal Retractor, hollow handle, No.1, 305mm, 25mm blade

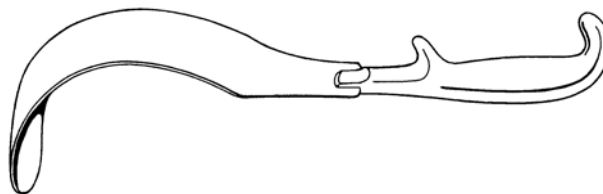
16150-20 Deaver Abdominal Retractor, hollow handle, No.2, 330mm, 25mm blade

16150-30 Deaver Abdominal Retractor, hollow handle, No.3, 305mm, 38mm blade

16150-40 Deaver Abdominal Retractor, hollow handle, No.4, 305mm, 50mm blade

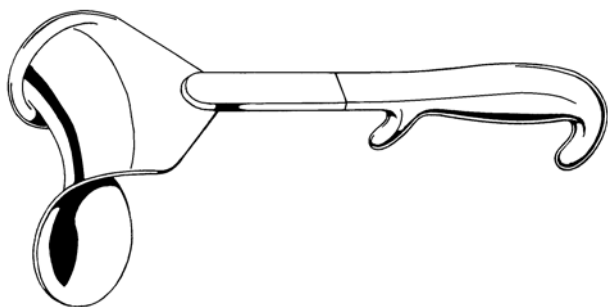
16150-50 Deaver Abdominal Retractor, hollow handle, No.5, 305mm, 75mm blade

16150-90 Deaver Abdominal Retractor, hollow handle, 305mm, set of 5 (No.1 - No.5)

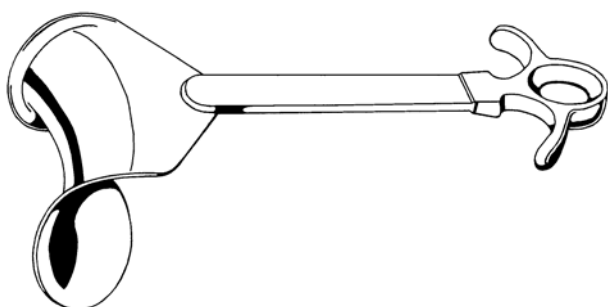


General

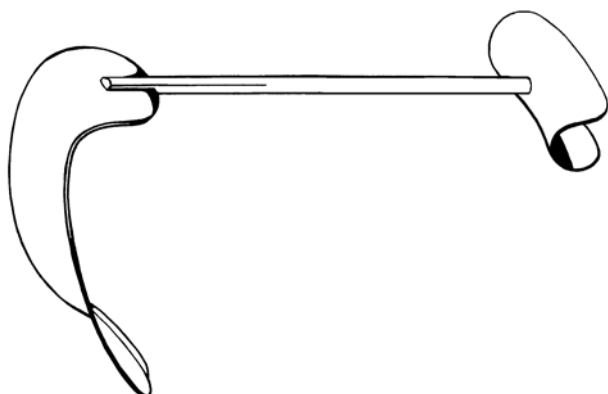
Retractors



- 16160-09** Doyen Retractor, on hollow handle, 90mm wide x 55mm deep blade
- 16160-10** Doyen Retractor, on hollow handle, 100mm wide x 55mm deep blade
- 16160-11** Doyen Retractor, on hollow handle, 115mm wide x 55mm deep blade

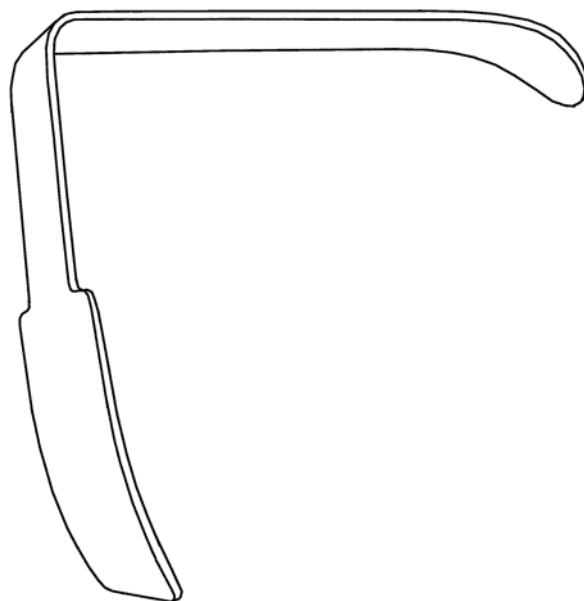


- 16170-09** Doyen Retractor, on solid handle, 90mm wide x 55mm deep blade
- 16170-10** Doyen Retractor, on solid handle, 100mm wide x 55mm deep blade
- 16170-11** Doyen Retractor, on solid handle, 115mm wide x 55mm deep blade



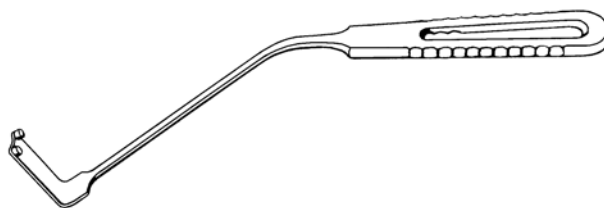
- 16190-24** Dyball And Lock Retractor, single ended, 240mm, 63mm x 112mm blade

16195-34 Dyson Retractor, 34mm wide



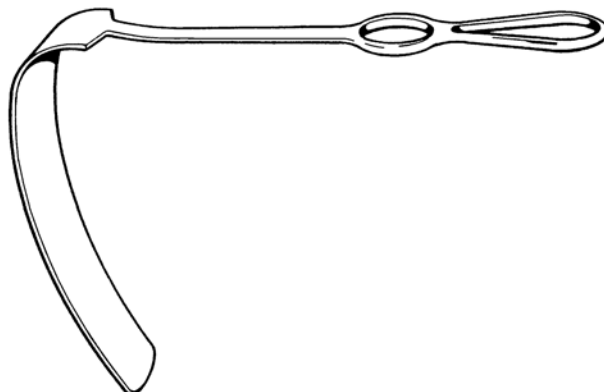
16205-23 Jolls Thyroid Retractor, 30mm x 14mm, 230mm

16206-23 Jolls Thyroid Retractor, 40mm x 20mm, 230mm



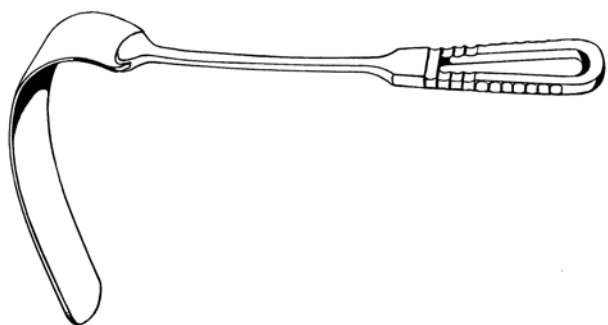
16210-38 Kelly Retractor, 270mm overall length, 190mm x 38mm blade

16210-57 Kelly Retractor, 270mm overall length, 190mm x 57mm blade



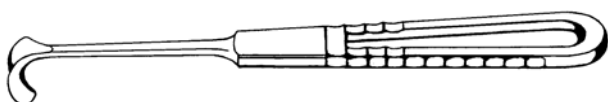
General

Retractors

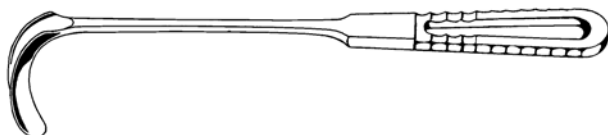


16211-38 Kelly Retractor, thackray pattern, 270mm overall length, 190mm x 38mm blade

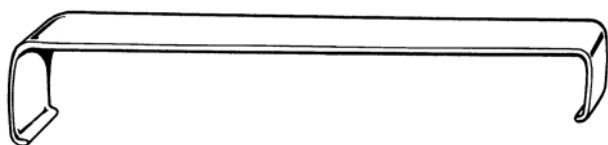
16211-57 Kelly Retractor, thackray pattern, 270mm overall length, 190mm x 57mm blade



16220-11 Kocher Thyroid Retractor, shallow blade, 11mm wide

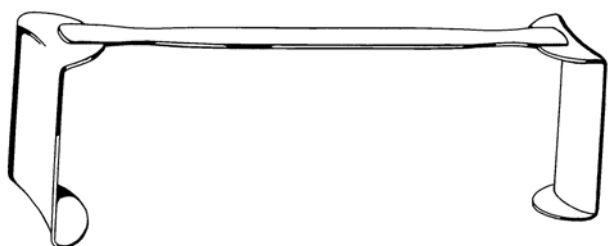


16220-14 Kocher Thyroid Retractor, deep blade, 14mm wide



16230-13 Lane Retractor, double ended, 230mm, 13mm x 19mm blade

16230-25 Lane Retractor, double ended, 230mm, 25mm x 32mm blade



16250-30 Morris Retractor, double ended, 215mm, 30mm & 40mm wide x 50mm deep blades

16250-40 Morris Retractor, double ended, 215mm, 40mm & 65mm wide x 50mm deep blades

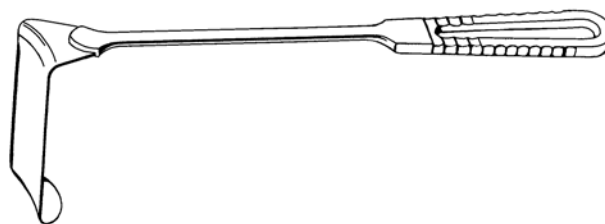
16250-45 Morris Retractor, double ended, 215mm, 45mm & 50mm wide x 50mm deep blades

16255-30 Morris Retractor, double ended, 215mm, 30mm & 40mm wide x 70mm deep blades

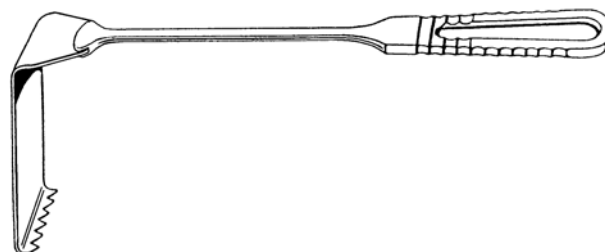
16255-45 Morris Retractor, double ended, 215mm, 45mm & 50mm wide x 70mm deep blades

16255-60 Morris Retractor, double ended, 215mm, 60mm & 65mm wide x 70mm deep blades

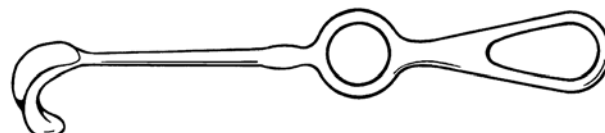
- 16260-20** Morris Retractor, single ended, 250mm, 20mm wide x 50mm deep blade
- 16260-28** Morris Retractor, single ended, 250mm, 28mm wide x 50mm deep blade
- 16260-40** Morris Retractor, single ended, 250mm, 40mm wide x 50mm deep blade
- 16260-50** Morris Retractor, single ended, 250mm, 50mm wide x 50mm deep blade
- 16260-65** Morris Retractor, single ended, 250mm, 65mm wide x 50mm deep blade
- 16270-40** Morris Retractor, single ended, 250mm, 40mm wide x 70mm deep blade
- 16270-50** Morris Retractor, single ended, 250mm, 50mm wide x 70mm deep blade
- 16270-65** Morris Retractor, single ended, 250mm, 65mm wide x 70mm deep blade
- 16273-30** Morris Retractor, single ended, 250mm, 30mm wide x 80mm deep blade
- 16275-50** Morris Retractor, single ended, 250mm, 50mm wide x 90mm deep blade



- 16271-30** Morris Toothed Retractor, single ended, 240mm, 30mm wide x 80mm deep blade
- 16271-38** Morris Toothed Retractor, single ended, 250mm, 38mm wide x 84mm deep blade



- 16280-13** Moynihan Retractor, single ended, 215mm, 13mm x 22mm blade



- 16282-35** Nathanson Liver Retractor, small, 35mm



- 16282-55** Nathanson Liver Retractor, medium, 55mm

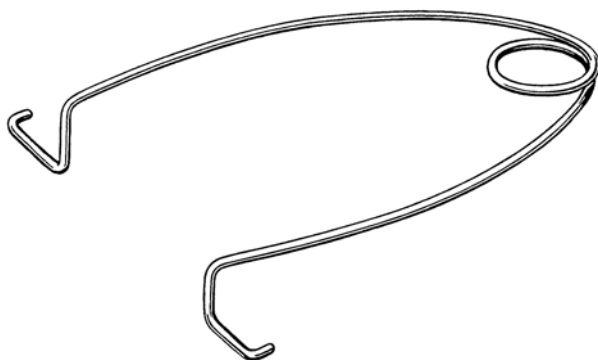


General

Retractors



16282-75 Nathanson Liver Retractor, large, 75mm



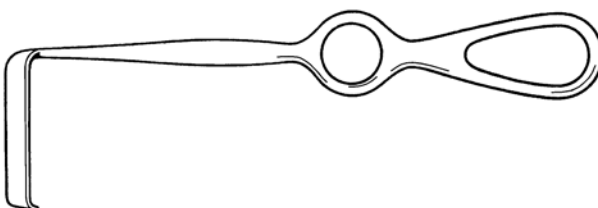
16283-20 Ogilvie Retractor, 75mm expansion, 20mm wide x 20mm deep blades



16295-13 Ollier Retractor, single ended, 2 prong, 225mm, 13mm wide x 20mm deep blade

16295-25 Ollier Retractor, single ended, 2 prong, 225mm, 25mm wide x 45mm deep blade

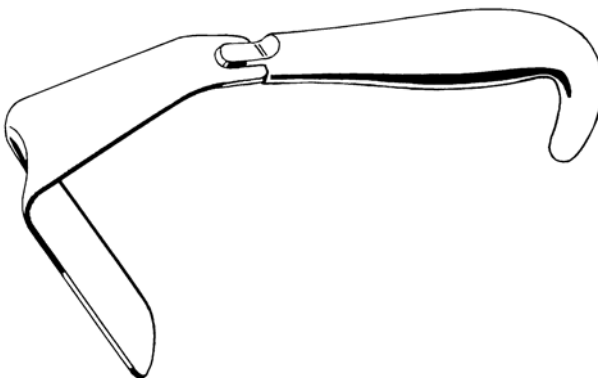
16295-37 Ollier Retractor, single ended, 2 prong, 240mm, 37mm wide x 60mm deep blade



16330-31 Paton Cartilage Retractor, 31mm x 10mm

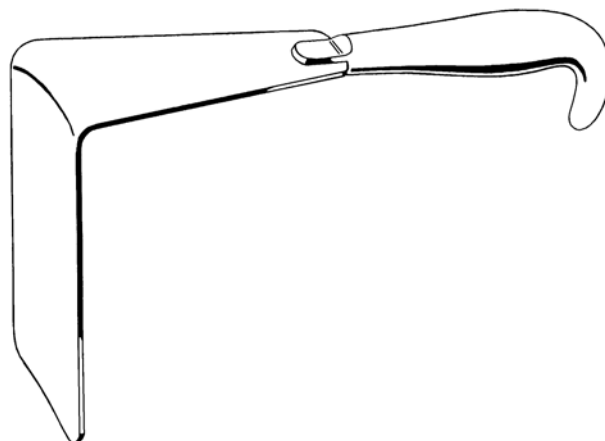
16330-44 Paton Cartilage Retractor, 44mm x 10mm

16330-51 Paton Cartilage Retractor, 51mm x 14mm

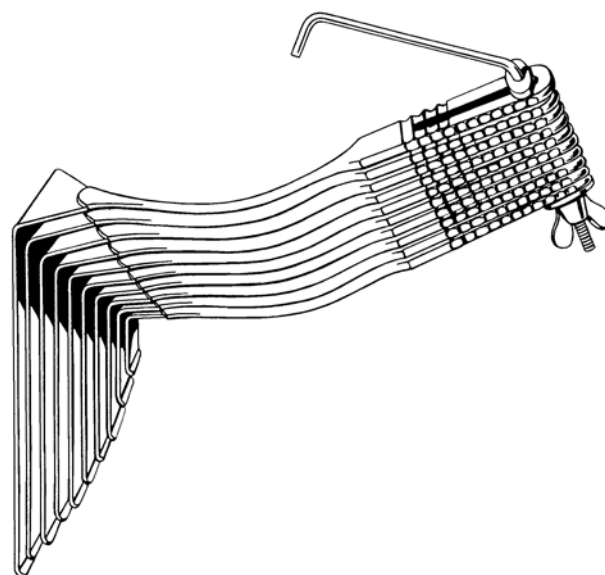


16332-65 Proust Retractor, 65mm x 45mm

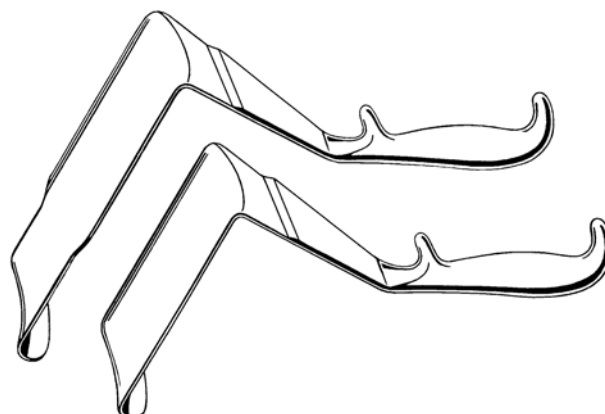
- 16334-10** Pyrah Retractor, 75mm x 50mm
- 16334-20** Pyrah Retractor, 100mm x 50mm
- 16334-30** Pyrah Retractor, 100mm x 65mm
- 16334-40** Pyrah Retractor, 125mm x 70mm
- 16334-50** Pyrah Retractor, 150mm x 80mm



- 16336-03** Shucksmith Retractor, 30mm x 13mm
- 16336-05** Shucksmith Retractor, 50mm x 13mm
- 16336-06** Shucksmith Retractor, 65mm x 30mm
- 16336-08** Shucksmith Retractor, 80mm x 30mm
- 16336-09** Shucksmith Retractor, 95mm x 45mm
- 16336-11** Shucksmith Retractor, 115mm x 50mm
- 16336-12** Shucksmith Retractor, 125mm x 55mm
- 16336-14** Shucksmith Retractor, 140mm x 60mm
- 16336-15** Shucksmith Retractor, 155mm x 70mm
- 16336-17** Shucksmith Retractor, 170mm x 80mm
- 16336-50** Shucksmith Retractor, storage clamp only
- 16336-90** Shucksmith Retractor, set of 10 complete with storage clamp



- 16340-12** St.Marks Hospital Retractor, with lip, 125mm x 60mm blade
- 16340-17** St.Marks Hospital Retractor, with lip, 175mm x 60mm blade
- 16340-23** St.Marks Hospital Retractor, with lip, 230mm x 60mm blade
- 16342-12** St.Marks Hospital Retractor, with lip, 125mm x 60mm blade, with twin fibrelight
- 16342-17** St.Marks Hospital Retractor, with lip, 175mm x 60mm blade, with twin fibrelight



General

Retractors



16340-20 St.Marks Hospital Retractor, with lip, 205mm x 60mm blade, cranked

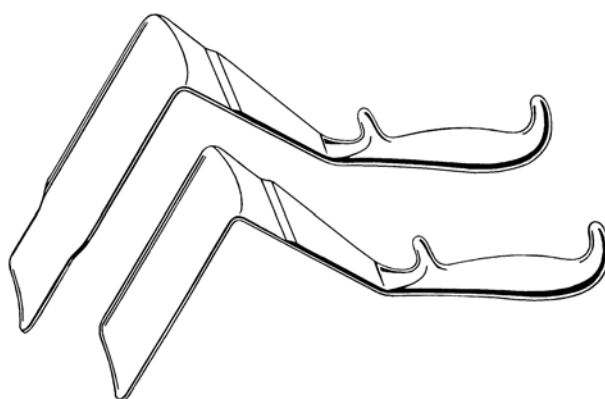
16342-20 St.Marks Hospital Retractor, with lip, 205mm x 60mm blade, cranked, with twin fibrelight



16342-23 St.Marks Hospital Retractor, with lip, 230mm x 60mm blade, with twin fibrelight



16345-20 St.Marks Hospital Retractor, twin fibrelight stem only

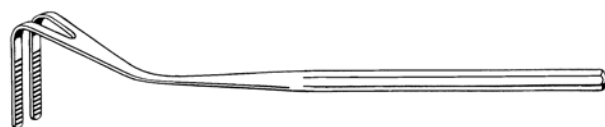


16350-12 St.Marks Hospital Retractor, without lip, 125mm x 60mm blade

16350-17 St.Marks Hospital Retractor, without lip, 175mm x 60mm blade

16352-12 St.Marks Hospital Retractor, without lip, 125mm x 60mm blade, with twin fibrelight

16352-17 St.Marks Hospital Retractor, without lip, 175mm x 60mm blade, with twin fibrelight

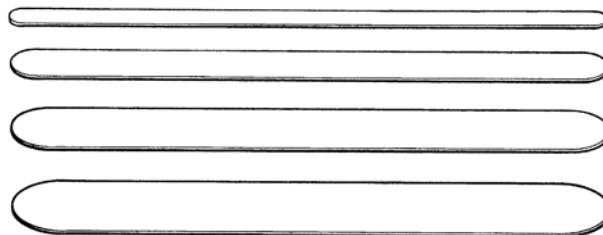


16358-13 Stack Retractor, 13mm deep blades, 140mm

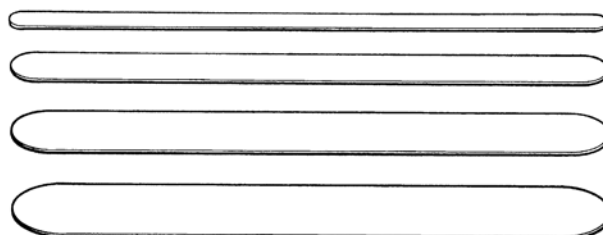
16358-25 Stack Retractor, 25mm deep blades, 140mm

Retractors

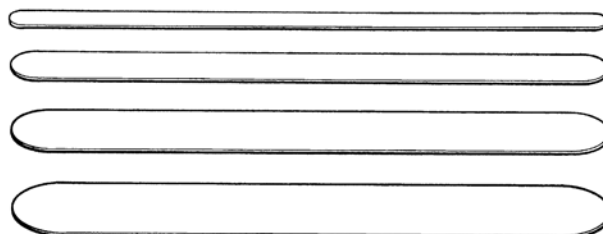
- 16430-06** Walton Retractor, copper, malleable, 180mm x 6mm
- 16430-07** Walton Retractor, copper, malleable, 180mm x 7mm
- 16430-08** Walton Retractor, copper, malleable, 180mm x 8mm
- 16430-11** Walton Retractor, copper, malleable, 180mm x 11mm
- 16430-12** Walton Retractor, copper, malleable, 180mm x 12mm
- 16430-13** Walton Retractor, copper, malleable, 180mm x 13mm
- 16430-16** Walton Retractor, copper, malleable, 180mm x 16mm
- 16430-18** Walton Retractor, copper, malleable, 180mm x 18mm
- 16430-19** Walton Retractor, copper, malleable, 180mm x 19mm
- 16430-25** Walton Retractor, copper, malleable, 180mm x 25mm
- 16430-32** Walton Retractor, copper, malleable, 180mm x 32mm
- 16430-38** Walton Retractor, copper, malleable, 180mm x 38mm
- 16430-50** Walton Retractor, copper, malleable, 180mm x 50mm
- 16430-63** Walton Retractor, copper, malleable, 180mm x 63mm



- 16435-07** Walton Retractor, copper, malleable, 200mm x 7mm
- 16435-08** Walton Retractor, copper, malleable, 200mm x 8mm
- 16435-13** Walton Retractor, copper, malleable, 200mm x 13mm
- 16435-16** Walton Retractor, copper, malleable, 200mm x 16mm
- 16435-19** Walton Retractor, copper, malleable, 200mm x 19mm
- 16435-25** Walton Retractor, copper, malleable, 200mm x 25mm
- 16435-50** Walton Retractor, copper, malleable, 200mm x 50mm

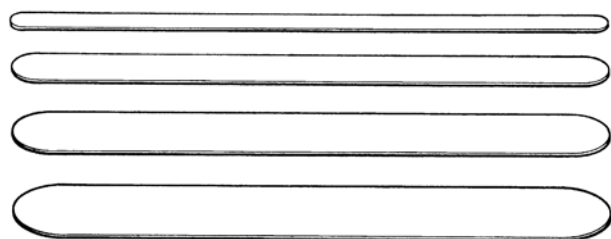


- 16436-15** Walton Retractor, copper, extra malleable, 0.9mm thick, 200mm x 15mm
- 16436-20** Walton Retractor, copper, extra malleable, 0.9mm thick, 200mm x 20mm

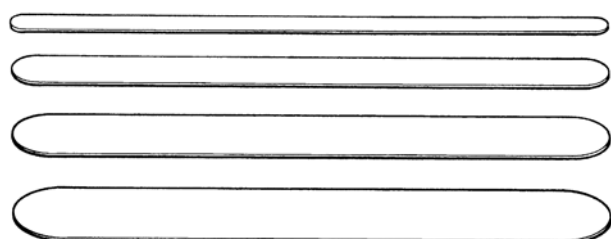


General

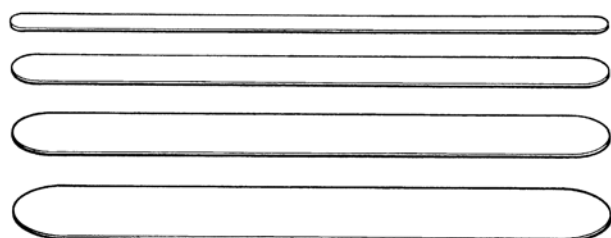
Retractors



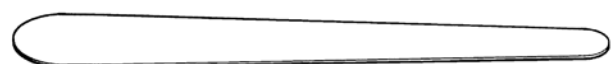
- 16440-04** Walton Retractor, copper, malleable, 255mm x 4mm
- 16440-08** Walton Retractor, copper, malleable, 255mm x 8mm
- 16440-13** Walton Retractor, copper, malleable, 255mm x 13mm
- 16440-19** Walton Retractor, copper, malleable, 255mm x 19mm
- 16440-25** Walton Retractor, copper, malleable, 255mm x 25mm
- 16440-32** Walton Retractor, copper, malleable, 255mm x 32mm
- 16440-38** Walton Retractor, copper, malleable, 255mm x 38mm
- 16440-50** Walton Retractor, copper, malleable, 255mm x 50mm
- 16440-63** Walton Retractor, copper, malleable, 255mm x 63mm



- 16450-08** Walton Retractor, copper, malleable, 300mm x 8mm
- 16450-13** Walton Retractor, copper, malleable, 300mm x 13mm
- 16450-19** Walton Retractor, copper, malleable, 300mm x 19mm
- 16450-25** Walton Retractor, copper, malleable, 300mm x 25mm
- 16450-32** Walton Retractor, copper, malleable, 300mm x 32mm
- 16450-38** Walton Retractor, copper, malleable, 300mm x 38mm
- 16450-45** Walton Retractor, copper, malleable, 300mm x 45mm
- 16450-50** Walton Retractor, copper, malleable, 300mm x 50mm
- 16450-63** Walton Retractor, copper, malleable, 300mm x 63mm



- 16451-08** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 8mm
- 16451-10** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 10mm
- 16451-12** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 12mm
- 16451-15** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 15mm
- 16451-20** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 20mm
- 16451-38** Walton Retractor, copper, extra malleable, 0.9mm thick, 300mm x 38mm



- 16460-50** Walton Retractor, tapered, copper, malleable, 300mm x 50mm tapering to 25mm

Retractors

- 16465-11** Walton Tee Retractor, copper, malleable, 210mm x 11mm, 23mm x 13mm tee
- 16465-13** Walton Tee Retractor, copper, malleable, 210mm x 13mm, 29mm x 17mm tee
- 16465-17** Walton Tee Retractor, copper, malleable, 210mm x 17mm, 40mm x 21mm tee
- 16467-06** Walton Tee Retractor, copper, malleable, 240mm x 6mm, 16mm x 8mm tee
- 16467-13** Walton Tee Retractor, copper, malleable, 240mm x 13mm, 26mm x 14mm tee

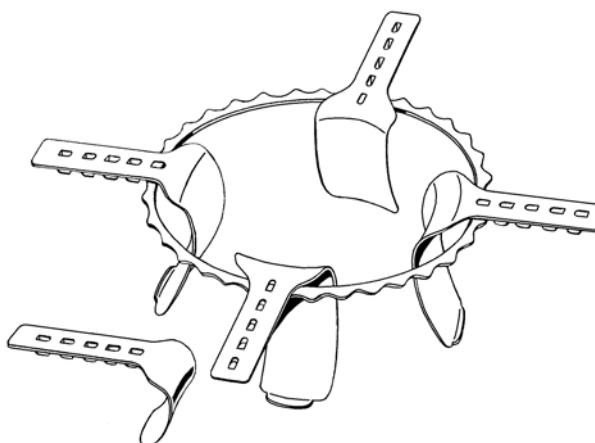


- 16475-10** Worrall Retractor, 100mm x 50mm blade

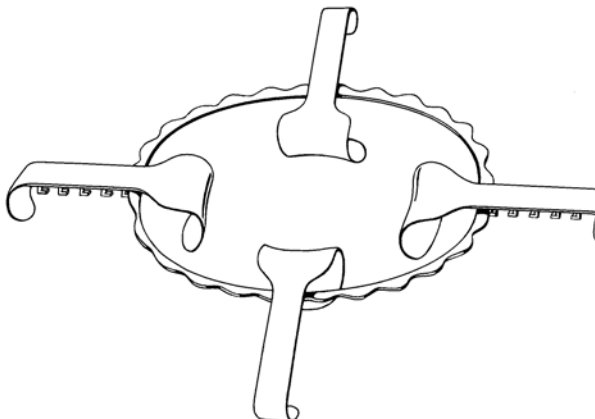


Retractors - Self Retaining

- 16520-10** Cleland Self Retaining Retractor, deep angled blade only, 115mm deep x 65mm wide
- 16520-20** Cleland Self Retaining Retractor, frame only, 250mm ID
- 16520-30** Cleland Self Retaining Retractor, shallow curved blade only, 50mm deep x 40mm wide
- 16520-90** Cleland Self Retaining Retractor, complete set, 1 x frame, 4 x shallow curved blades, 4 x deep angled blades

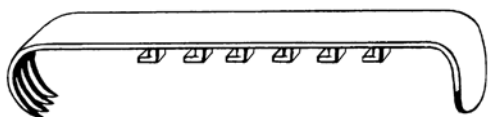


- 16550-50** Denis Browne Self Retaining Retractor, oval frame only, 180mm x 140mm
- 16550-60** Denis Browne Self Retaining Retractor, oval frame only, 140mm x 105mm
- 16550-90** Denis Browne Self Retaining Retractor, set, 1 x frame, 4 x blades A B C, 2 x blade D, 1 x blades E F G H J

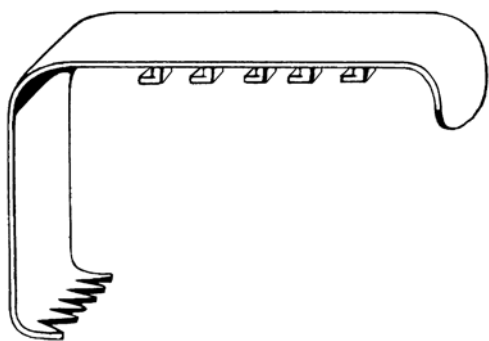


General

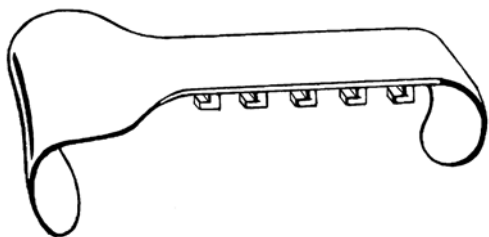
Retractors - Self Retaining



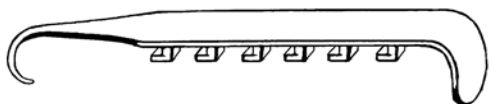
16550-05 Denis Browne Self Retaining Retractor, blade 'A' only, curved claw blade, 13mm deep x 13mm wide



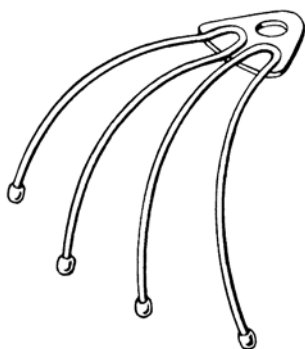
16550-10 Denis Browne Self Retaining Retractor, blade 'B' only, angled claw blade, 60mm deep x 20mm wide



16550-15 Denis Browne Self Retaining Retractor, blade 'C' only, curved blade, 35mm deep x 40mm wide



16550-20 Denis Browne Self Retaining Retractor, blade 'D' only, curved hook blade, 13mm deep, sharp



16550-25 Denis Browne Self Retaining Retractor, blade 'E' only, lung retractor end to fit shaft 'H'

Retractors - Self Retaining

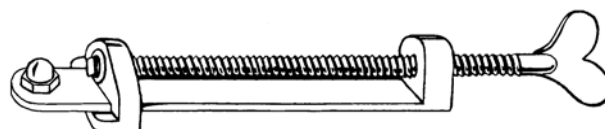
- 16550-30** Denis Browne Self Retaining Retractor, blade 'F' only, curved blade end, 40mm deep x 35mm wide, to fit shaft 'H'



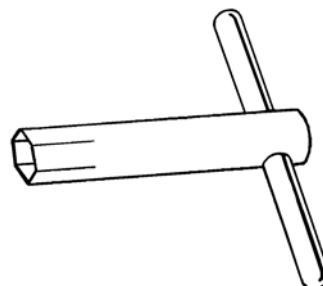
- 16550-35** Denis Browne Self Retaining Retractor, blade 'G' only, regressive curved blade end, 50mm deep x 35mm wide, to fit shaft 'H'



- 16550-40** Denis Browne Self Retaining Retractor, shaft 'H' only, with threaded retaining action

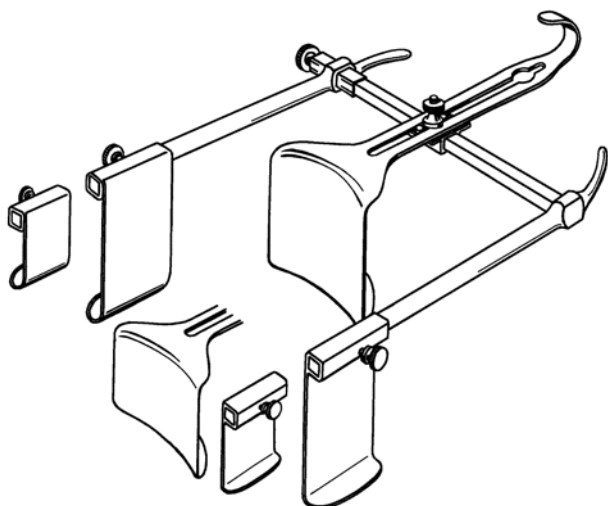


- 16550-45** Denis Browne Self Retaining Retractor, spanner 'J' only, to fit shaft 'H'



General

Retractors - Self Retaining



- 16560-10** Goligher Self Retaining Retractor, wingnut only
- 16560-20** Goligher Self Retaining Retractor, knurled end nut only
- 16560-50** Goligher Self Retaining Retractor, deep lateral blade only, 50mm wide x 90mm deep
- 16560-55** Goligher Self Retaining Retractor, shallow lateral blade only, 35mm wide x 45mm deep
- 16560-60** Goligher Self Retaining Retractor, deep centre blade only, 90mm wide x 90mm deep
- 16560-65** Goligher Self Retaining Retractor, shallow centre blade only, 90mm wide x 55mm deep
- 16560-90** Goligher Self Retaining Retractor, complete with 2 centre blades, 2 pairs lateral blades



- 16560-70** Goligher Self Retaining Retractor, wingnut and mount for centre blade only



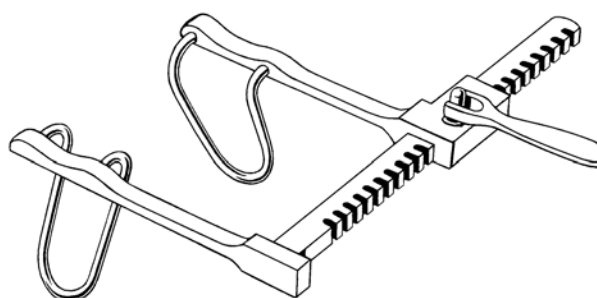
- 16560-80** Goligher Self Retaining Retractor, frame only

Retractors - Self Retaining

- 16615-90** Kings Liver Retrieval Self Retaining Retractor, 60mm wide blade, 400mm long rack



- 16625-90** McKeown Self Retaining Retractor, 60mm deep x 45mm wide blades

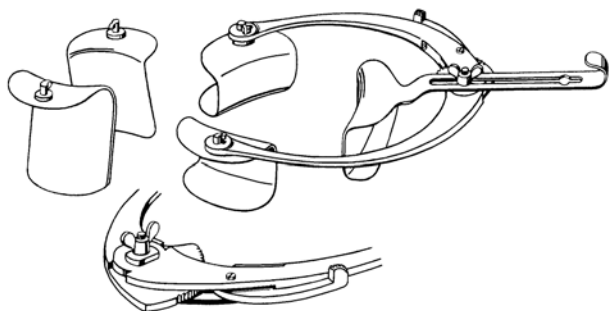


- 16626-90** McKeown Self Retaining Retractor, oversize, 65mm deep x 45mm wide blades

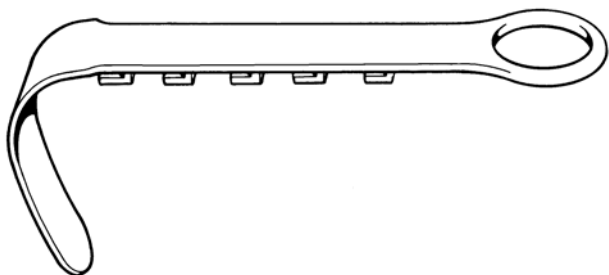


General

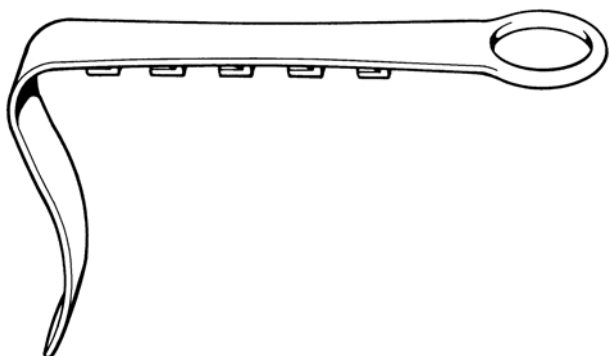
Retractors - Self Retaining



- 16640-20** Ricard Begouin Self Retaining Retractor, 200mm spread, 35mm deep x 65mm wide and 65mm deep x 65mm wide blades
- 16640-50** Ricard Begouin Self Retaining Retractor, deep lateral blade only, 65mm deep x 65mm wide
- 16640-55** Ricard Begouin Self Retaining Retractor, shallow lateral blade only, 35mm deep x 65mm wide
- 16640-60** Ricard Begouin Self Retaining Retractor, deep centre blade only, 65mm deep x 65mm wide
- 16640-65** Ricard Begouin Self Retaining Retractor, shallow centre blade only, 35mm deep x 65mm wide
- 16640-80** Ricard Begouin Self Retaining Retractor, frame only, 200mm spread
- 16645-28** Ricard Griffiths Self Retaining Retractor, 280mm spread, 60mm deep x 80mm wide and 100mm deep x 80mm wide blades
- 16645-50** Ricard Griffiths Self Retaining Retractor, deep lateral blade only, 100mm deep x 80mm wide
- 16645-55** Ricard Griffiths Self Retaining Retractor, shallow lateral blade only, 60mm deep x 80mm wide
- 16645-60** Ricard Griffiths Self Retaining Retractor, deep centre blade only, 100mm deep x 80mm wide
- 16645-65** Ricard Griffiths Self Retaining Retractor, shallow centre blade only, 60mm deep x 80mm wide
- 16645-80** Ricard Griffiths Self Retaining Retractor, frame only, 280mm spread



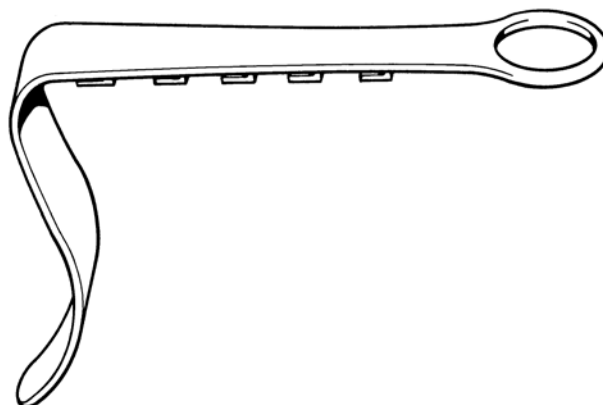
- 16650-05** Swift Joly Self Retaining Retractor, blade 'A' only, 50mm deep x 25mm wide



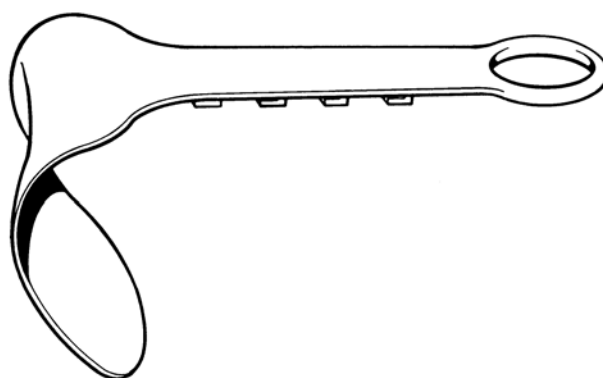
- 16650-10** Swift Joly Self Retaining Retractor, blade 'B' only, 70mm deep x 25mm wide

Retractors - Self Retaining

- 16650-15** Swift Joly Self Retaining Retractor, blade 'C' only, 90mm deep x 25mm wide

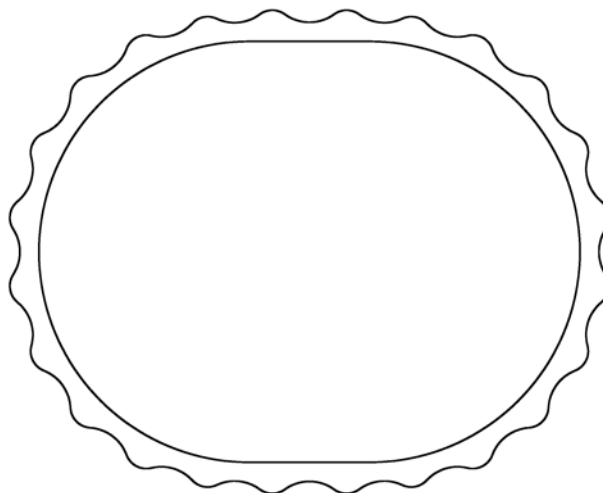


- 16650-20** Swift Joly Self Retaining Retractor, blade 'D' only, 65mm deep x 65mm wide



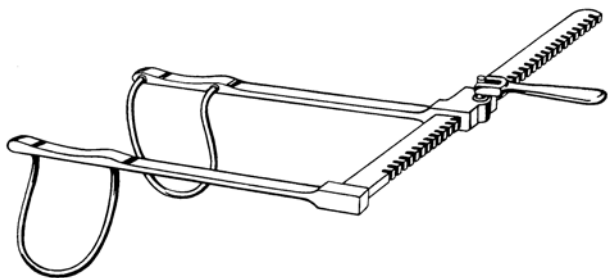
- 16650-50** Swift Joly Self Retaining Retractor, oval frame only, 180mm x 140mm

- 16650-90** Swift Joly Self Retaining Retractor, complete, 1 x frame, 1 x blades A B, 2 x blades C D

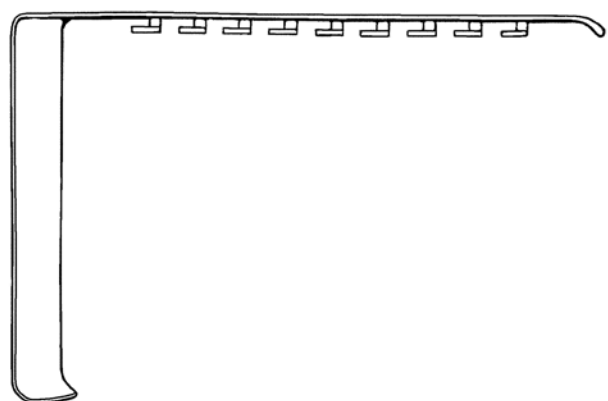


General

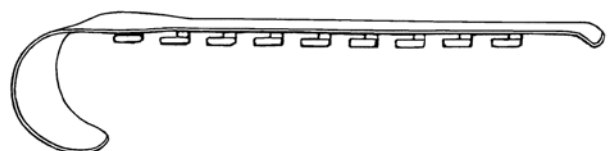
Retractors - Self Retaining



- 16655-90** Stevens Abdominal Self Retaining Retractor, lightweight, 60mm deep x 45mm wide blades, 190g (7oz)



- 16658-05** St. Thomas Hospital Self Retaining Retractor, blade 'A' only, right angled, 230mm long with 9 pegs, 145mm deep x 50mm wide
- 16658-10** St. Thomas Hospital Self Retaining Retractor, blade 'B' only, right angled, 215mm long with 9 pegs, 125mm deep x 38mm wide
- 16658-15** St. Thomas Hospital Self Retaining Retractor, blade 'C' only, right angled, 180mm long with 6 pegs, 120mm deep x 38mm wide
- 16658-20** St. Thomas Hospital Self Retaining Retractor, blade 'D' only, right angled, 180mm long with 6 pegs, 95mm deep x 38mm wide

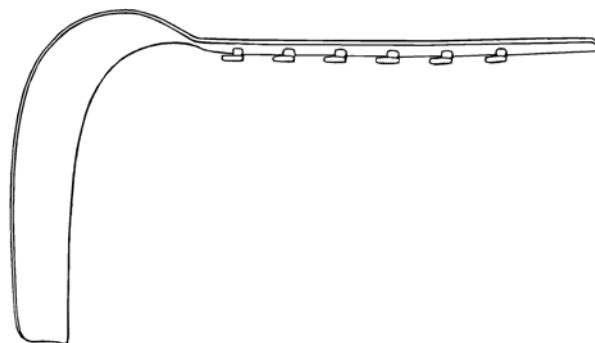


- 16658-25** St. Thomas Hospital Self Retaining Retractor, blade 'E' only, curved, 215mm long with 9 pegs, 45mm deep x 38mm wide
- 16658-30** St. Thomas Hospital Self Retaining Retractor, blade 'F' only, curved, 180mm long with 7 pegs, 45mm deep x 38mm wide
- 16658-35** St. Thomas Hospital Self Retaining Retractor, blade 'G' only, curved, 125mm long with 4 pegs, 45mm deep x 38mm wide
- 16658-50** St. Thomas Hospital Self Retaining Retractor, blade 'K' only, curved, 215mm long with 9 pegs, 65mm deep x 38mm wide
- 16658-52** St. Thomas Hospital Self Retaining Retractor, blade 'L' only, curved, 180mm long with 7 pegs, 65mm deep x 38mm wide
- 16658-54** St. Thomas Hospital Self Retaining Retractor, blade 'M' only, curved, 125mm long with 4 pegs, 65mm deep x 38mm wide
- 16658-56** St. Thomas Hospital Self Retaining Retractor, blade 'N' only, curved, 215mm long with 9 pegs, 85mm deep x 38mm wide

Retractors - Self Retaining

16658-40 St.Thomas Hospital Self Retaining Retractor, blade 'H' only, deaver type, guttered, 230mm long with 6 pegs, 115mm deep x 70mm tapering to 64mm

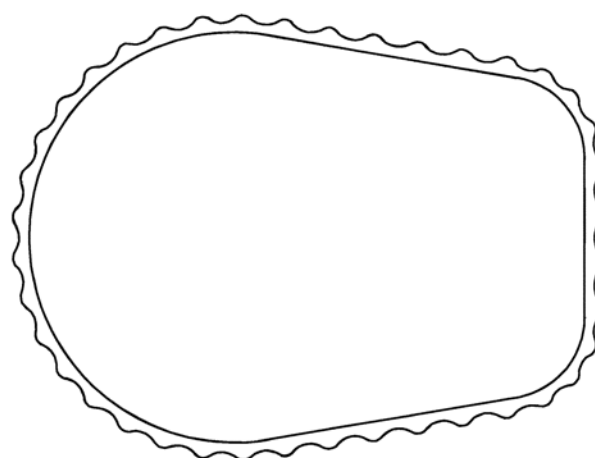
16658-45 St.Thomas Hospital Self Retaining Retractor, blade 'J' only, deaver type, guttered, 255mm long with 6 pegs, 150mm deep x 70mm tapering to 64mm



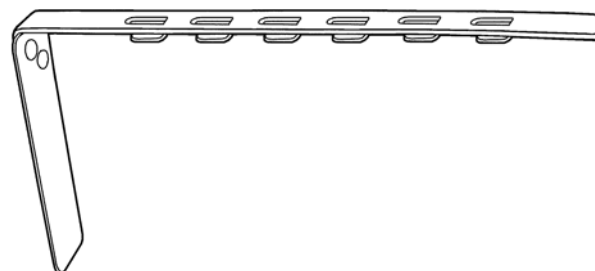
16658-60 St.Thomas Hospital Self Retaining Retractor, frame 'A' only, 255mm x 345mm

16658-70 St.Thomas Hospital Self Retaining Retractor, frame 'B' only, 330mm x 445mm

16658-90 St.Thomas Hospital Self Retaining Retractor, complete, 1 x frame A, 1 x blades A B C D E F G H J

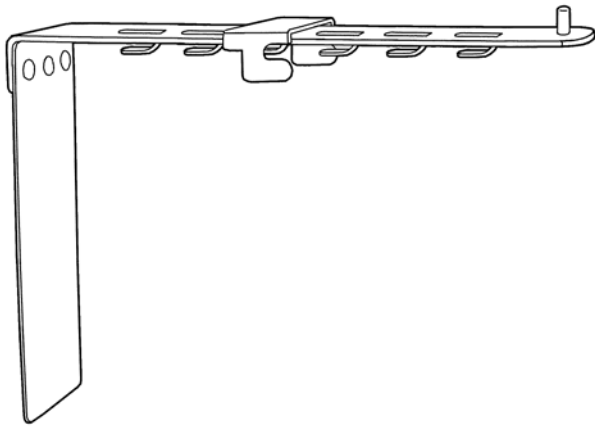


16670-05 Turner Warwick Universal Self Retaining Retractor, blade 'A' only, copper blade, 19mm x 76mm

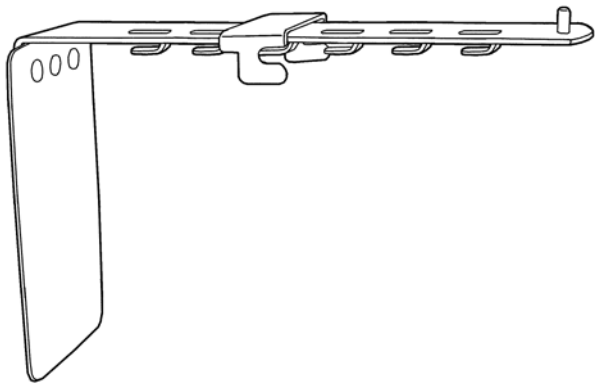


General

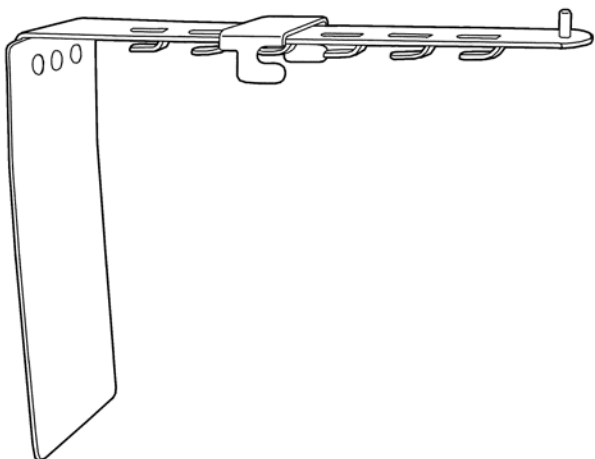
Retractors - Self Retaining



16670-10 Turner Warwick Universal Self Retaining Retractor, blade 'B' only, copper blade, with clip, 38mm x 102mm



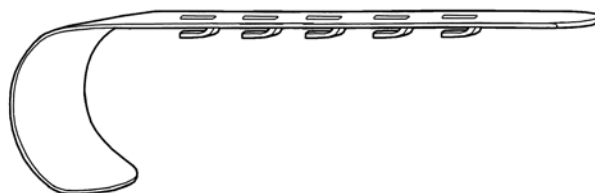
16670-15 Turner Warwick Universal Self Retaining Retractor, blade 'C' only, copper blade, with clip, 57mm x 89mm



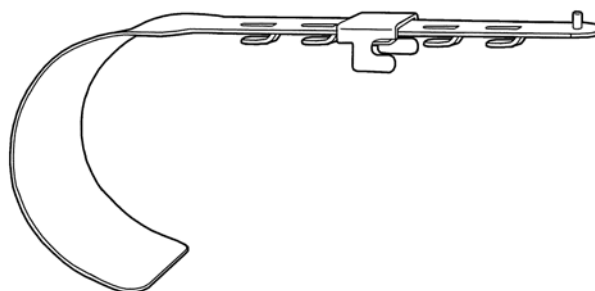
16670-20 Turner Warwick Universal Self Retaining Retractor, blade 'D' only, copper blade, with clip, 57mm x 114mm

Retractors - Self Retaining

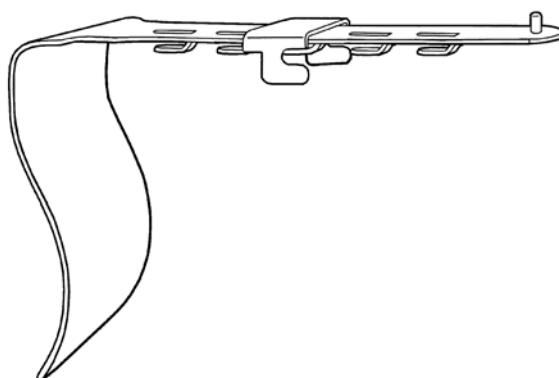
- 16670-25** Turner Warwick Universal Self Retaining Retractor, blade 'E' only, curved, 51mm dia. x 38mm



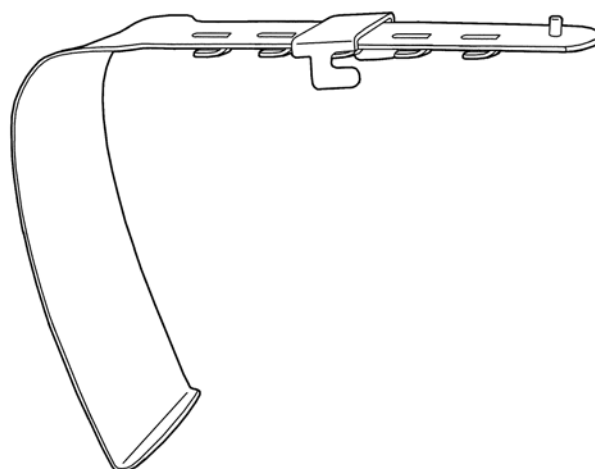
- 16670-30** Turner Warwick Universal Self Retaining Retractor, blade 'F' only, curved, with clip, 76mm dia. x 60mm



- 16670-35** Turner Warwick Universal Self Retaining Retractor, blade 'G' only, flat, with clip, 89mm x 60mm

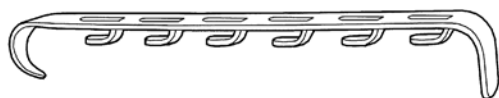


- 16670-40** Turner Warwick Universal Self Retaining Retractor, blade 'H' only, flat, with clip, 114mm x 60mm

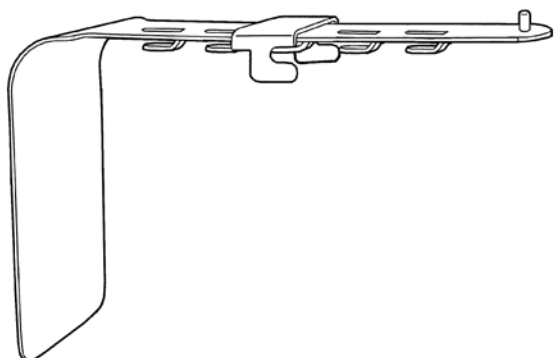


General

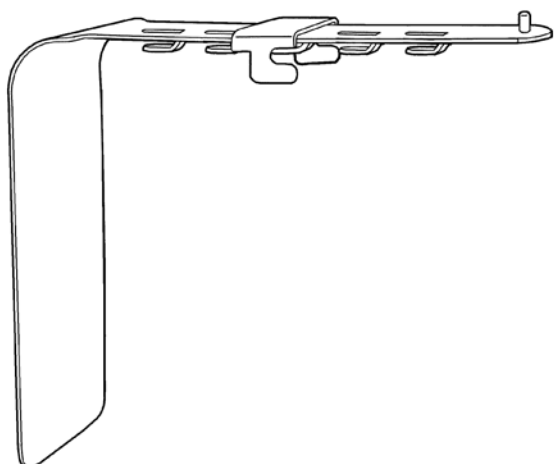
Retractors - Self Retaining



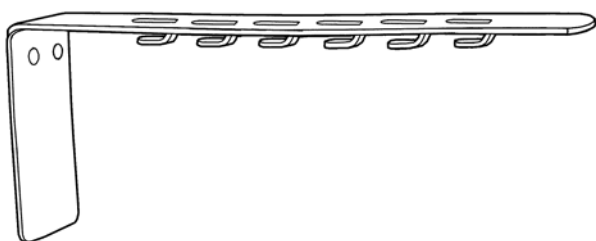
16670-45 Turner Warwick Universal Self Retaining Retractor, blade 'J' only, single hook, 13mm deep



16670-50 Turner Warwick Universal Self Retaining Retractor, blade 'K' only, flat, with clip, 55mm x 90mm



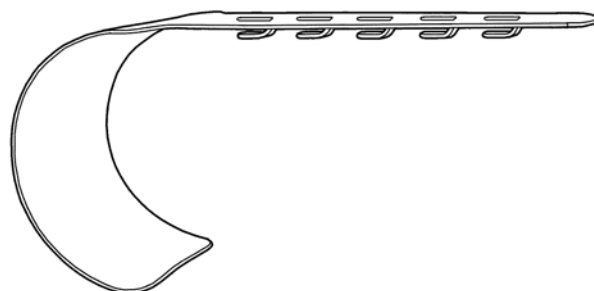
16670-52 Turner Warwick Universal Self Retaining Retractor, blade 'L' only, flat, with clip, 55mm x 120mm



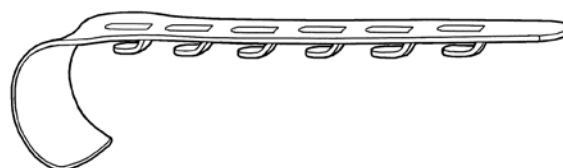
16670-54 Turner Warwick Universal Self Retaining Retractor, blade 'M' only, copper blade, 31mm x 55mm

Retractors - Self Retaining

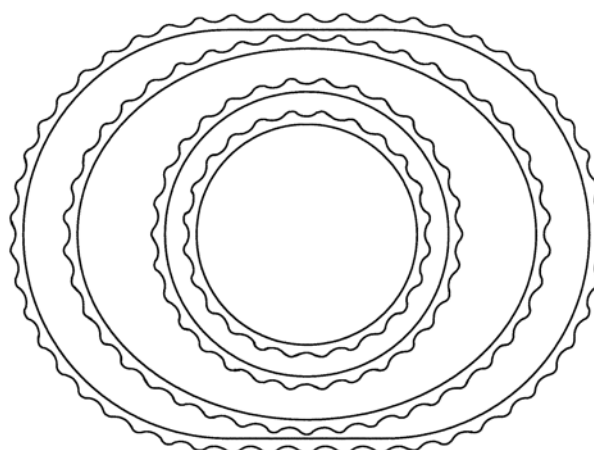
- 16670-56** Turner Warwick Universal Self Retaining Retractor, blade 'N' only, deep curved, 60mm dia. X 55mm



- 16670-58** Turner Warwick Universal Self Retaining Retractor, blade 'P' only, shallow curved, 28mm x 30mm



- 16670-60** Turner Warwick Universal Self Retaining Retractor, circular frame 'A' only, 178mm ID
16670-65 Turner Warwick Universal Self Retaining Retractor, circular frame 'B' only, 229mm ID
16670-70 Turner Warwick Universal Self Retaining Retractor, circular frame 'C' only, 305mm ID
16670-75 Turner Warwick Universal Self Retaining Retractor, oval frame 'D' only, 457mm x 330mm ID
16670-80 Turner Warwick Universal Self Retaining Retractor, oval frame 'E' only, 370mm x 300mm ID
16670-90 Turner Warwick Universal Self Retaining Retractor, complete, 1 x frames A B C D, 2 x blades A B C D E F G H J
16670-95 Turner Warwick Universal Self Retaining Retractor, complete, 1 x frames B C, 4 x blade E, 2 x blade N, 1 x blades C K L



Scalpel Handles

- 17020-30** Scalpel Handle, s/s, No.3



- 17020-35** Scalpel Handle, s/s, No.3L



- 17020-40** Scalpel Handle, s/s, No.4

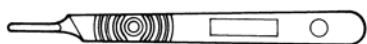


- 17020-45** Scalpel Handle, s/s, No.4L

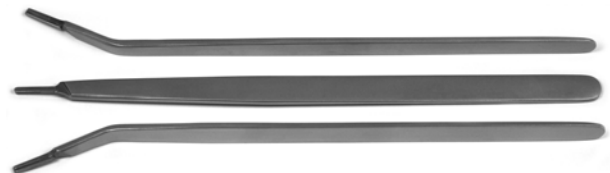


General

Scalpel Handles



17020-70 Scalpel Handle, s/s, No.7



17050-10 Scalpel Handle, s/s, No.3, 250mm, angled left
17050-20 Scalpel Handle, s/s, No.3, 250mm, angled right
17050-30 Scalpel Handle, s/s, No.3, 250mm, straight

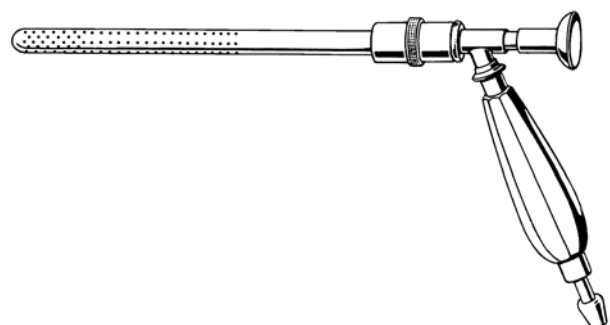
Suction Tubes



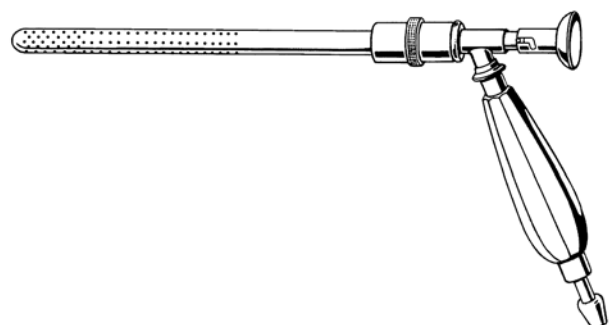
18600-10 American Pattern Suction Tube, s/s, with stillette, 165mm



18601-10 American Pattern Suction Tube, s/s, insulated, with stillette, 165mm



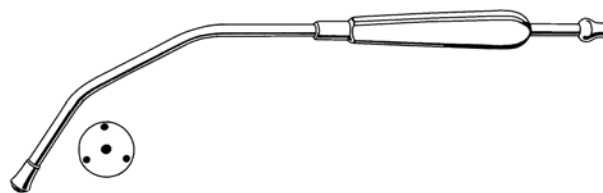
18665-31 Simpson Smith Suction Tube, thumb button control, detachable inner suction tube and perforated sheath
18665-50 Simpson Smith Suction Tube, spare spring only



18670-25 Tinckler (Simpson Smith) Suction Tube, with on / off valve, 150mm, 255mm

Suction Tubes

- 18700-30** Yankauer Suction Tube, s/s, 305mm
18700-50 Yankauer Suction Tube, s/s, spare tip only



Vein Strippers

- 19289-05** Mayo External Vein Stripper, 330mm, 5mm bore, 8mm o.d., Codman pattern
19289-07 Mayo External Vein Stripper, 330mm, 7mm bore, 10mm o.d., Codman pattern
19289-09 Mayo External Vein Stripper, 330mm, 9mm bore, 12mm o.d., Codman pattern



- 19290-05** Mayo External Vein Stripper, 385mm, 5mm bore, 8mm o.d., Pilling pattern
19290-07 Mayo External Vein Stripper, 385mm, 7mm bore, 10mm o.d., Pilling pattern
19290-09 Mayo External Vein Stripper, 385mm, 9mm bore, 12mm o.d., Pilling pattern



Plastic and Maxillo Facial

Awls



- 21010-10** Kelsey Fry Bone Awl, curved, standard pattern
21015-10 Kelsey Fry Bone Awl, curved, lightweight pattern



- 21020-14** Kelsey Fry Bone Awl, straight, standard pattern, 145mm
21025-14 Kelsey Fry Bone Awl, straight, lightweight pattern, 145mm

Breast Dissectors

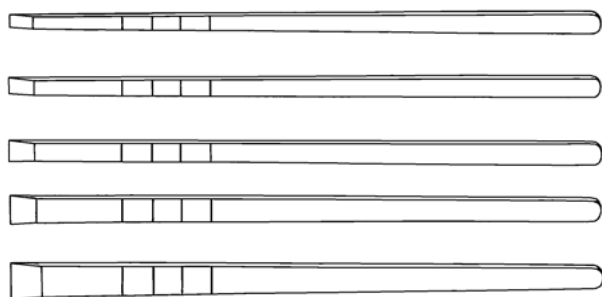


- 21150-90** Agris Dingman Breast Dissector, left and right, on aluminium handles, pair



- 21170-36** Angulated Breast Dissector, 360mm

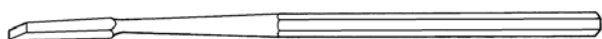
Chisels



- 21230-10** Cottle Nasal Chisel, No.1, 5mm, 185mm
21230-20 Cottle Nasal Chisel, No.2, 6mm, 185mm
21230-30 Cottle Nasal Chisel, No.3, 7mm, 185mm
21230-40 Cottle Nasal Chisel, No.4, 9mm, 185mm
21230-50 Cottle Nasal Chisel, No.5, 11mm, 185mm



- 21230-60** Cottle Nasal Chisel, No.6, 16mm, 185mm, fish tail



- 21235-03** Eastman Dental Chisel, length 190mm, 3mm
21235-05 Eastman Dental Chisel, length 190mm, 5mm

- 21237-04** Fomon Chisel, double guarded, 165mm, 4mm
21237-05 Fomon Chisel, double guarded, 165mm, 5mm
21237-06 Fomon Chisel, double guarded, 165mm, 6mm
21237-07 Fomon Chisel, double guarded, 165mm, 7mm
21237-08 Fomon Chisel, double guarded, 165mm, 8mm



- 21238-04** Fomon Chisel, guard on left, 165mm, 4mm
21238-05 Fomon Chisel, guard on left, 165mm, 5mm
21238-06 Fomon Chisel, guard on left, 165mm, 6mm
21238-07 Fomon Chisel, guard on left, 165mm, 7mm
21238-08 Fomon Chisel, guard on left, 165mm, 8mm



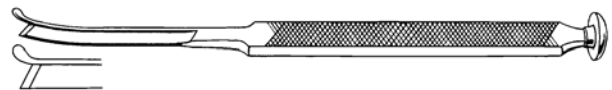
- 21239-04** Fomon Chisel, guard on right, 165mm, 4mm
21239-05 Fomon Chisel, guard on right, 165mm, 5mm
21239-06 Fomon Chisel, guard on right, 165mm, 6mm
21239-07 Fomon Chisel, guard on right, 165mm, 7mm
21239-08 Fomon Chisel, guard on right, 165mm, 8mm



- 21240-18** Frenchay Chisel, curved to left, length 180mm



- 21250-18** Frenchay Chisel, curved to right, length 180mm



- 21260-18** Frenchay Chisel, straight, length 180mm

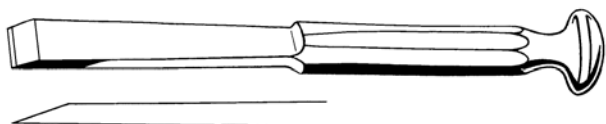


- 21270-02** Jenkins Chisel, length 145mm, 2mm
21270-04 Jenkins Chisel, length 145mm, 4mm
21270-06 Jenkins Chisel, length 145mm, 6mm
21270-08 Jenkins Chisel, length 145mm, 8mm
21270-10 Jenkins Chisel, length 145mm, 10mm
21270-12 Jenkins Chisel, length 145mm, 12mm
21270-14 Jenkins Chisel, length 145mm, 14mm



Plastic and Maxillo Facial

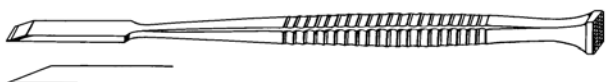
Chisels



- 21280-10** MacEwen Chisel, hard edge, 10mm
- 21280-13** MacEwen Chisel, hard edge, 13mm
- 21280-20** MacEwen Chisel, hard edge, 20mm
- 21280-25** MacEwen Chisel, hard edge, 25mm
- 21280-30** MacEwen Chisel, hard edge, 30mm



- 21300-09** McIndoe Chisel, hard edge, mushroom head, length 150mm, 9mm
- 21300-11** McIndoe Chisel, hard edge, mushroom head, length 150mm, 11mm
- 21300-13** McIndoe Chisel, hard edge, mushroom head, length 150mm, 13mm
- 21300-15** McIndoe Chisel, hard edge, mushroom head, length 150mm, 15mm



- 21310-02** Read Chisel, length 180mm, 2mm
- 21310-03** Read Chisel, length 180mm, 3mm
- 21310-04** Read Chisel, length 180mm, 4mm
- 21310-05** Read Chisel, length 180mm, 5mm
- 21310-06** Read Chisel, length 180mm, 6mm
- 21310-07** Read Chisel, length 180mm, 7mm
- 21310-08** Read Chisel, length 180mm, 8mm



- 21315-10** Sheen Radix Chisel, angled, 180mm, 10mm



- 21320-02** Ward Chisel, length 180mm, 2mm
- 21320-03** Ward Chisel, length 180mm, 3mm
- 21320-04** Ward Chisel, length 180mm, 4mm
- 21320-05** Ward Chisel, length 180mm, 5mm

Demarcators



- 21560-14** Marten Flap Marker, with ratchet, 145mm

Demarcators

21565-14 Marten Flap Marker, without ratchet, 145mm



21570-16 Pitanguy Flap Demarcator, short, 160mm

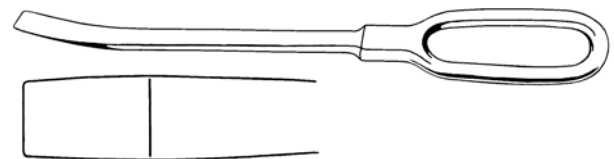


21570-32 Pitanguy Flap Demarcator, long, 320mm

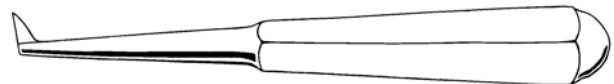


Elevators

21800-23 Bristow Malar Elevator, 230mm



21810-10 Cryer Exolever, left

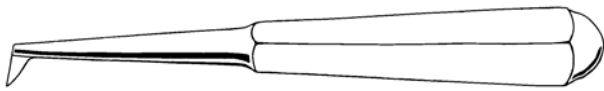


21811-10 Cryer Exolever, Ash pattern, left



Plastic and Maxillo Facial

Elevators



21820-10 Cryer Exolever, right



21821-10 Cryer Exolever, Ash pattern, right



21830-10 Cryer Exolever, straight



21835-10 Double Ended Elevator, angled side and flat



21836-10 Double Ended Elevator, angled left and right



21840-22 Howarth Elevator, double ended, 220mm



21845-10 Brow Lift Elevator, grooved tufnol handle, No.1,
3.5mm wide, 290mm



21845-20 Brow Lift Elevator, grooved tufnol handle, No.2,
6.0mm wide, 290mm



21845-30 Brow Lift Elevator, grooved tufnol handle, No.3,
11.0mm wide, 290mm

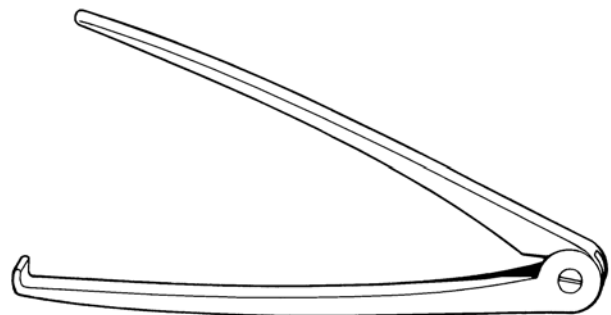
21845-40 Brow Lift Elevator, grooved tufnol handle, No.4, 6.5mm wide, 290mm



21845-50 Brow Lift Elevator, grooved tufnol handle, No.5, 13.5mm wide, 290mm



21850-18 Kilner Malar Elevator, 180mm



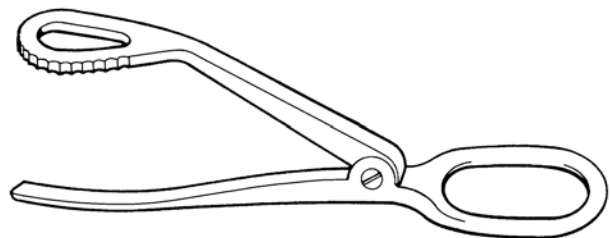
21853-21 Malar Elevator, for elevating the zygomatic arch and malar bone by intra-oral approach, 210mm



21855-16 Mitchell Trimmer, double ended, 160mm



21860-21 Rowe Zygomatic Elevator



21863-17 Roberts Periosteal Elevator, 170mm



Plastic and Maxillo Facial

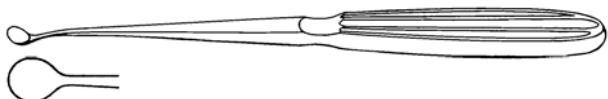
Elevators



21865-15 Read Periosteal Elevator, single ended, blunt, 150mm

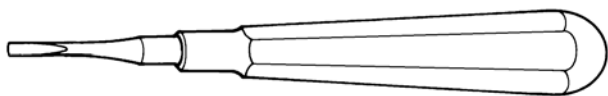


21866-21 Read Periosteal Elevator, double ended, blunt, 215mm



21880-17 Ward Periosteal Elevator, fan shape, 170mm

Gouges



22170-03 Coupland Gouge, 3mm
22170-04 Coupland Gouge, 4mm
22170-05 Coupland Gouge, 5mm



22175-30 Coupland Gouge, Ash pattern, 3.0mm
22175-35 Coupland Gouge, Ash pattern, 3.5mm
22175-40 Coupland Gouge, Ash pattern, 4.0mm
22175-50 Coupland Gouge, Ash pattern, 5.0mm



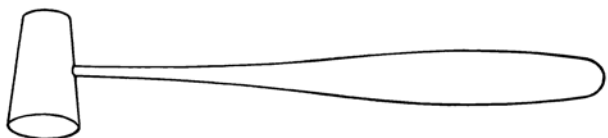
22195-10 Parkes Hump Gouge, double guarded

Hooks



22380-15 Harrison Tendon Hook, 150mm

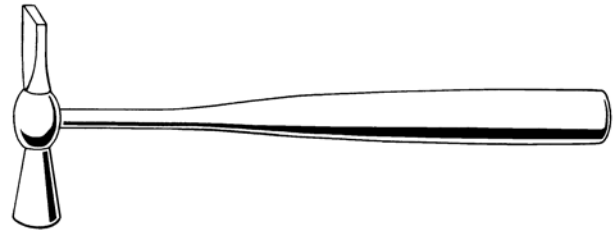
Mallets



22500-06 Fickling Dental Mallet, s/s, 190mm, 25mm diameter, 190g (6.3/4oz)

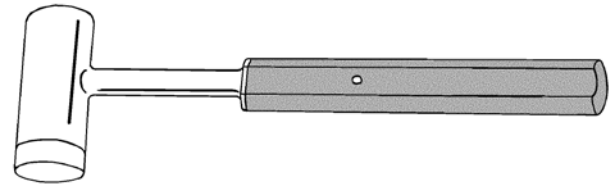
Mallets

22505-11 Hammer For Hand Surgery, s/s, 195mm, 320g (11.1/4oz)

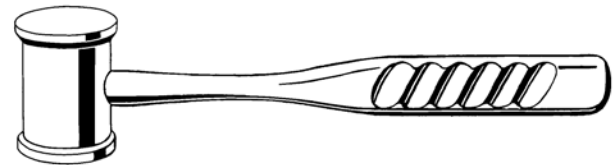


22508-17 Mallet For Ultra Fine Osteotome, s/s, acetal face insert, tufnol handle, 170mm, 20mm diameter, 145g (5oz)

22508-50 Mallet For Ultra Fine Osteotome, spare acetal face insert only



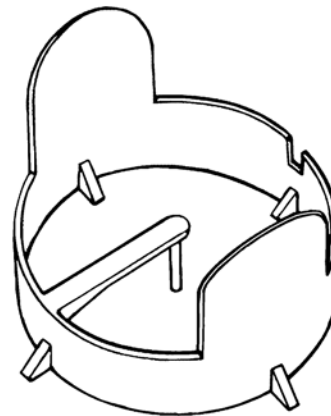
22510-12 Toffee Hammer, s/s, 340g (12oz)



Mapping Pens

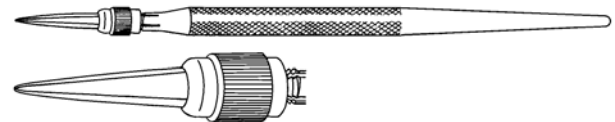
22605-40 Galvao Nipple Marker, standard, 40mm diameter

22605-50 Galvao Nipple Marker, large, 50mm diameter



22610-15 Sommerlad Pen, s/s, complete with adjustable tip, 150mm

22610-50 Sommerlad Pen, s/s, nut only



Plastic and Maxillo Facial

Mapping Pens



22620-15 Sommerlad Pen - Mk 2, with captive adjuster nut, standard tip

22625-15 Sommerlad Pen - Mk 2, with captive adjuster nut, fine tip



22650-10 Ink Pot, s/s, for mapping pens, 20mm high

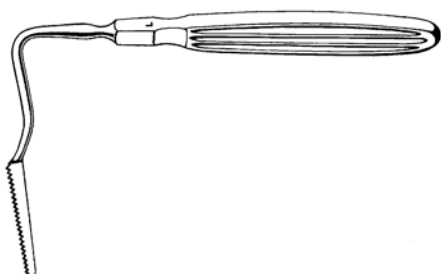
Nasal Saws



22770-19 Bull Nasal Saw, 190mm, left



22780-19 Bull Nasal Saw, 190mm, right



22800-12 Joseph Nasal Saw, horizontal shaft, 125mm x 85mm, cranked to the left

22810-12 Joseph Nasal Saw, horizontal shaft, 125mm x 85mm, cranked to the right



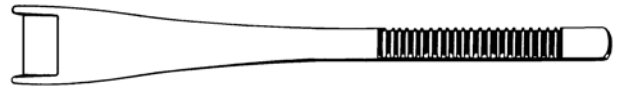
22820-18 Joseph Nasal Saw, straight, 180mm



22830-18 Joseph Nasal Saw, vertical shaft, 185mm, cranked to the left

22840-18 Joseph Nasal Saw, vertical shaft, 185mm, cranked to the right

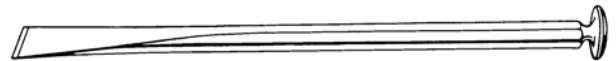
- 23180-10** Cinelli Osteotome, double guarded, 190mm, 10mm
23180-12 Cinelli Osteotome, double guarded, 190mm, 12mm
23180-14 Cinelli Osteotome, double guarded, 190mm, 14mm
23180-16 Cinelli Osteotome, double guarded, 190mm, 16mm



- 23190-04** Fomon Osteotome, single guarded, 165mm, 4mm
23190-05 Fomon Osteotome, single guarded, 165mm, 5mm
23190-06 Fomon Osteotome, single guarded, 165mm, 6mm
23190-07 Fomon Osteotome, single guarded, 165mm, 7mm



- 23200-02** French (Gillies) Osteotome, hard edge, length 140mm, 2mm
23200-03 French (Gillies) Osteotome, hard edge, length 140mm, 3mm
23200-04 French (Gillies) Osteotome, hard edge, length 140mm, 4mm
23200-05 French (Gillies) Osteotome, hard edge, length 140mm, 5mm
23200-06 French (Gillies) Osteotome, hard edge, length 140mm, 6mm
23200-07 French (Gillies) Osteotome, hard edge, length 140mm, 7mm
23200-08 French (Gillies) Osteotome, hard edge, length 140mm, 8mm
23200-09 French (Gillies) Osteotome, hard edge, length 140mm, 9mm
23200-10 French (Gillies) Osteotome, hard edge, length 140mm, 10mm
23200-11 French (Gillies) Osteotome, hard edge, length 140mm, 11mm
23200-12 French (Gillies) Osteotome, hard edge, length 140mm, 12mm
23200-13 French (Gillies) Osteotome, hard edge, length 140mm, 13mm



- 23210-05** Jayes Osteotome, 5mm
23210-06 Jayes Osteotome, 6mm
23210-07 Jayes Osteotome, 7mm
23210-08 Jayes Osteotome, 8mm
23210-10 Jayes Osteotome, 10mm



- 23212-10** Joseph Nasal Osteotome, single guarded, left, length 200mm, 5mm



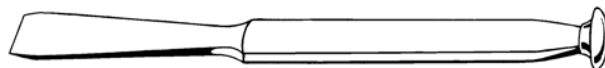
Plastic and Maxillo Facial

Osteotomes



23212-20 Joseph Nasal Osteotome, single guarded, right, length 200mm, 5mm

23212-30 Joseph Nasal Osteotome, single guarded, straight, length 200mm, 5mm



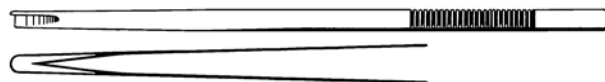
23215-11 MacGregor Nasal Osteotome, bevelled corners, flat handle with mushroom head, 11mm

23215-13 MacGregor Nasal Osteotome, bevelled corners, flat handle with mushroom head, 13mm

23215-15 MacGregor Nasal Osteotome, bevelled corners, flat handle with mushroom head, 15mm



23220-11 Matthew Osteotome, bevelled at one corner, 11mm



23226-10 Neivert Osteotome, single guarded, left, 3.5mm

23226-20 Neivert Osteotome, single guarded, right, 3.5mm

23226-30 Neivert Osteotome, single guarded, straight, 3.5mm



23227-02 Padgett Osteotome, special handle, length 180mm, 2mm

23227-08 Padgett Osteotome, special handle, length 180mm, 8mm

23227-09 Padgett Osteotome, special handle, length 180mm, 9mm

23227-11 Padgett Osteotome, special handle, length 180mm, 11mm

23227-12 Padgett Osteotome, special handle, length 180mm, 12mm

23227-15 Padgett Osteotome, special handle, length 180mm, 15mm

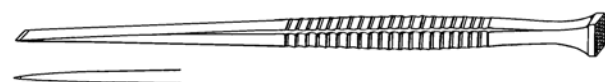
23227-18 Padgett Osteotome, special handle, length 180mm, 18mm

23227-20 Padgett Osteotome, special handle, length 180mm, 20mm



23228-05 Planas T Osteotome, double guarded, curved, 5mm

23228-08 Planas T Osteotome, double guarded, curved, 8mm



23230-02 Read Osteotome, length 180mm, 2mm

23230-03 Read Osteotome, length 180mm, 3mm

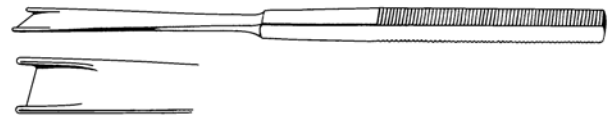
23230-04 Read Osteotome, length 180mm, 4mm

23230-05 Read Osteotome, length 180mm, 5mm

23230-06 Read Osteotome, length 180mm, 6mm

Osteotomes

- 23240-10** Rozner Osteotome, probe point on each side of inclined cutting edge



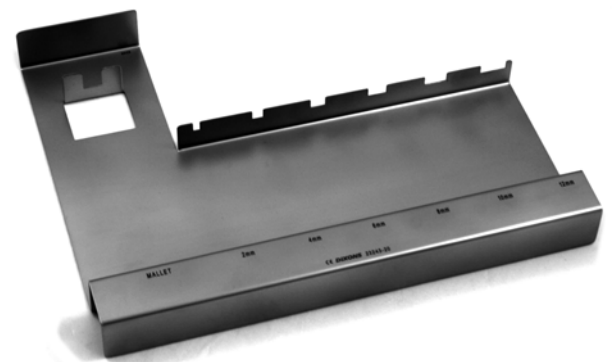
- 23241-12** Skooge Osteotome, double guarded, curved, length 155mm, 12mm



- 23243-10** Ultra Fine Osteotome, case only
23243-90 Ultra Fine Osteotome, case and rack, complete, to take 1 x mallet and 6 x osteotomes



- 23243-20** Ultra Fine Osteotome, rack only, to take 1 x mallet and 6 x osteotomes



Plastic and Maxillo Facial

Osteotomes



- 23244-02** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 2mm
- 23244-04** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 4mm
- 23244-06** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 6mm
- 23244-08** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 8mm
- 23244-10** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 10mm
- 23244-12** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, 12mm
- 23244-90** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 140mm, set of 6 (2mm to 12mm)
- 23245-02** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 2mm
- 23245-04** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 4mm
- 23245-06** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 6mm
- 23245-08** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 8mm
- 23245-10** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 10mm
- 23245-12** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, 12mm
- 23245-90** Ultra Fine Osteotome, TiN coated blade, tufnol handle, 160mm, set of 6 (2mm to 12mm)



- 23250-03** Ward Osteotome, length 180mm, 3mm
- 23250-04** Ward Osteotome, length 180mm, 4mm
- 23250-05** Ward Osteotome, length 180mm, 5mm

Raspatories



- 23300-10** Cleft Palate Raspatory, curved downwards
- 23310-10** Cleft Palate Raspatory, curved upwards



- 23320-10** Cleft Palate Raspatory, curved upwards, left



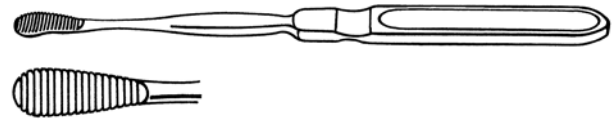
- 23330-10** Cleft Palate Raspatory, curved upwards, right



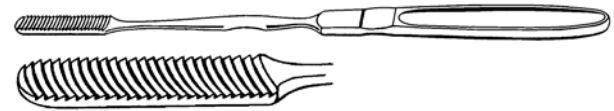
- 23350-10** Joseph Nasal Raspatory, curved
- 23360-10** Joseph Nasal Raspatory, straight

Rasps

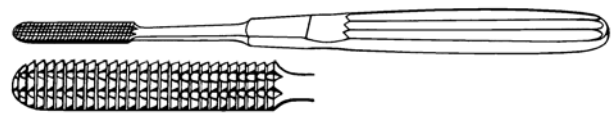
- 23400-10** Barsky Glabella Rasp, curved, reverse cutting teeth, concave surface



- 23410-10** Barsky Nasal Rasp, straight, reverse cutting teeth, concave surface



- 23435-17** Maltz Nasal Rasp, straight, with longitudinal serrations, 170mm

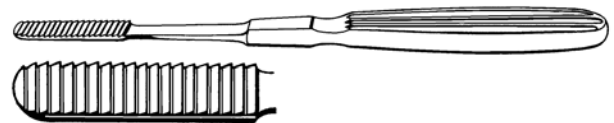


- 23440-19** Maltz Nasal Rasp, curved, deep cut serrations, 190mm



- 23450-17** Maltz Nasal Rasp, straight, deep cut serrations, 175mm

- 23455-17** McIndoe Nasal Rasp, straight, reverse cutting teeth, 170mm



Retractors

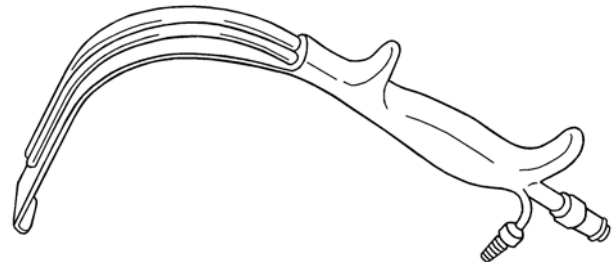
- 23500-12** Awty Osteotomy Retractor, 12mm wide
23500-17 Awty Osteotomy Retractor, 17mm wide



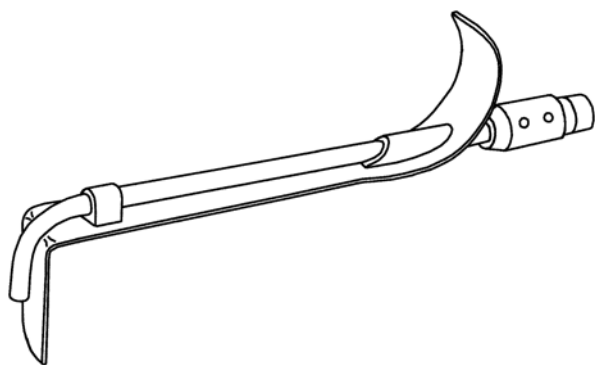
- 23505-25** Attwood Retractor, with through handle fibrelight and suction tube, 2mm thick blade, 110mm deep x 25mm wide

- 23505-40** Attwood Retractor, with through handle fibrelight and suction tube, 2mm thick blade, 150mm deep x 40mm wide

- 23505-50** Attwood Retractor, with through handle fibrelight and suction tube, 2mm thick blade, 190mm deep x 50mm wide



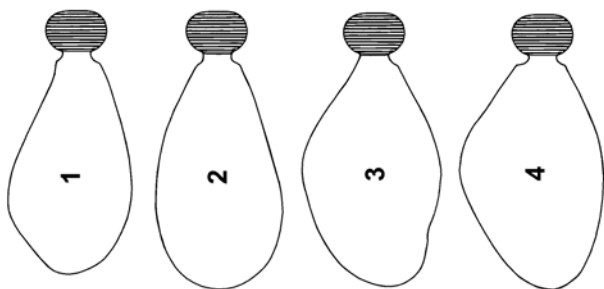
Retractors



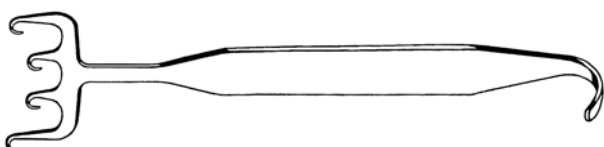
23515-25 Converse Retractor, with fibrelight, 25mm deep x 12mm wide



23520-10 Cottle Upper Lateral Exposing Retractor



23536-10 Fitzpatrick Tongue Guard Retractor, malleable, No.1, 84mm, suitable for small mouth or child
23536-20 Fitzpatrick Tongue Guard Retractor, malleable, No.2, 88mm, universal, does not need reshaping for opposite sides of the mouth
23536-30 Fitzpatrick Tongue Guard Retractor, malleable, No.3, 86mm, a variation in contour for No.2
23536-40 Fitzpatrick Tongue Guard Retractor, malleable, No.4, 88mm, suitable for large or edentulous mouth
23536-90 Fitzpatrick Tongue Guard Retractor, malleable, set of 4

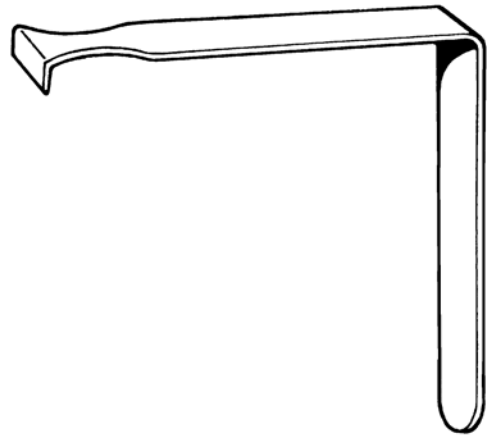


23538-18 Freeman Face Lift Retractor, 185mm

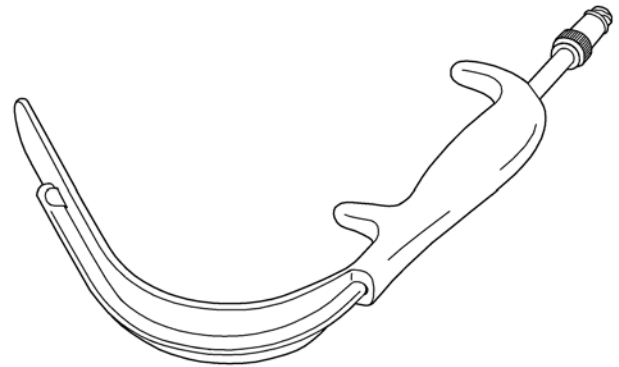


23541-10 Hajeck Retractor, for upper lip, thackray pattern, 25mm deep x 10mm and 15mm wide

23550-14 Kay Austin Retractor



23565-25 Hurren Retractor, with through handle fibrelight, 60 deg blade angle, without lip, 150mm deep x 25mm wide



23570-10 Kilner Alae Retractor, blunt, 85mm x 10mm

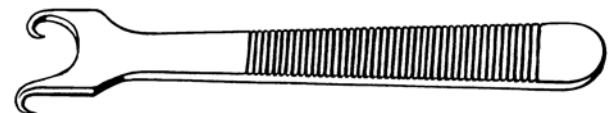
23570-13 Kilner Alae Retractor, blunt, 85mm x 13mm

23570-15 Kilner Alae Retractor, blunt, 85mm x 15mm

23580-10 Kilner Alae Retractor, sharp, 85mm x 10mm

23580-13 Kilner Alae Retractor, sharp, 85mm x 13mm

23580-15 Kilner Alae Retractor, sharp, 85mm x 15mm



23590-18 Kilner Cheek Retractor, double ended, 25mm x 18mm

23590-22 Kilner Cheek Retractor, double ended, 25mm x 22mm

23590-27 Kilner Cheek Retractor, double ended, 35mm x 27mm

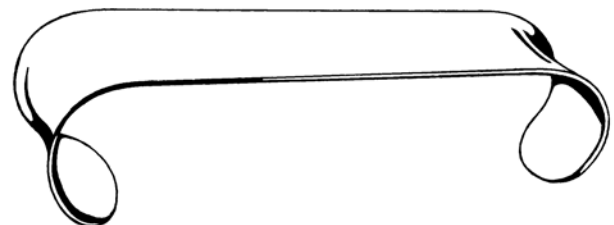
23590-28 Kilner Cheek Retractor, double ended, 30mm x 28mm

23600-18 Kilner Cheek Retractor, double ended, insulated, 25mm x 18mm

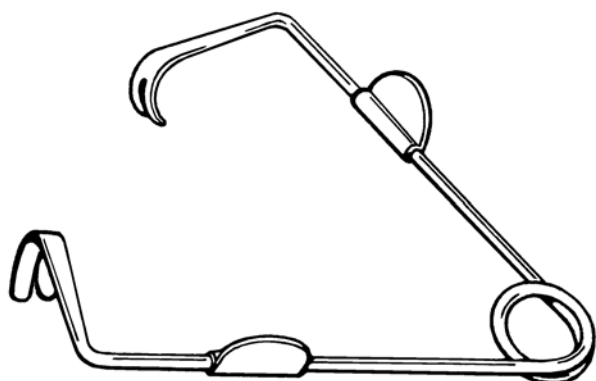
23600-22 Kilner Cheek Retractor, double ended, insulated, 25mm x 22mm

23600-27 Kilner Cheek Retractor, double ended, insulated, 35mm x 27mm

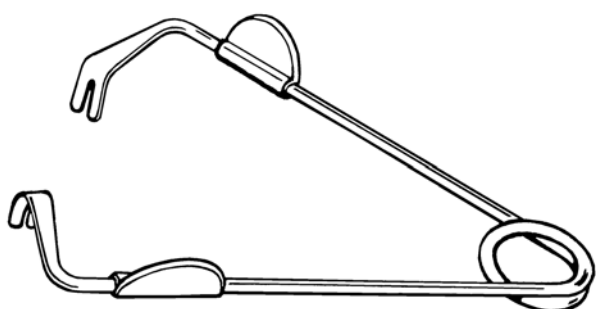
23600-28 Kilner Cheek Retractor, double ended, insulated, 30mm x 28mm



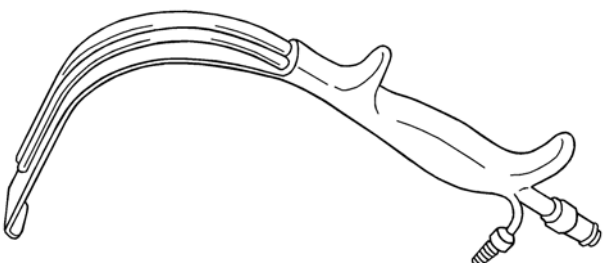
Retractors



23611-05 Kilner Skin Retractor, long teeth, 50mm



23611-06 Kilner Skin Retractor, small teeth, 60mm



23612-25 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 90mm deep x 25mm wide

23612-40 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 90mm deep x 40mm wide

23615-25 Mammary Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 25mm wide, 5 teeth, semi-sharp

23615-32 Mammary Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 32mm wide, 6 teeth, semi-sharp

23615-40 Mammary Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 40mm wide, 8 teeth, semi-sharp

23616-25 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 150mm deep x 25mm wide

23616-40 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 150mm deep x 40mm wide

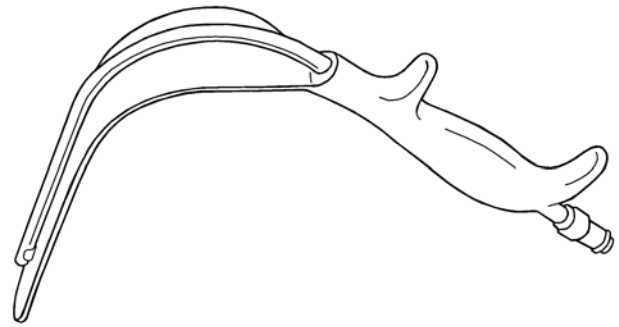
23617-25 Mammary Retractor, with through handle fibrelight and suction tube, toothed lip, 190mm deep x 25mm wide, 5 teeth, semi-sharp

23618-25 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 190mm deep x 25mm wide

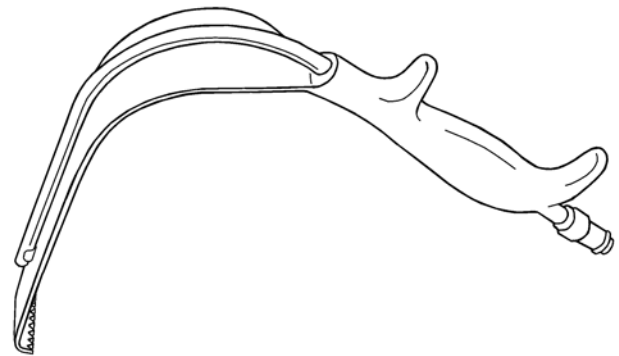
23623-25 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 110mm deep x 25mm wide

23623-40 Mammary Retractor, with through handle fibrelight and suction tube, plain lip, 110mm deep x 40mm wide

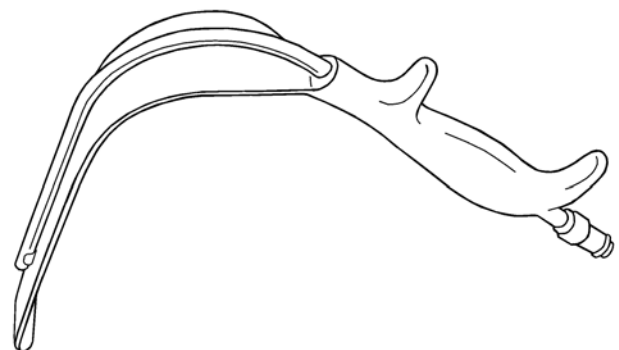
- 23634-25** Mammary Retractor, with through handle fibrelight, without lip, 150mm deep x 25mm wide
- 23639-40** Mammary Retractor, with through handle fibrelight, without lip, 190mm deep x 40mm wide
- 23639-50** Mammary Retractor, with through handle fibrelight, without lip, 190mm deep x 50mm wide
- 23644-25** Mammary Retractor, with through handle fibrelight, without lip, 110mm deep x 25mm wide



- 23631-25** Mammary Retractor, with through handle fibrelight, toothed lip, 90mm deep x 25mm wide, 5 teeth, semi-sharp
- 23631-40** Mammary Retractor, with through handle fibrelight, toothed lip, 90mm deep x 40mm wide, 8 teeth, semi-sharp
- 23635-25** Mammary Retractor, with through handle fibrelight, toothed lip, 150mm deep x 25mm wide, 5 teeth, semi-sharp
- 23635-40** Mammary Retractor, with through handle fibrelight, toothed lip, 150mm deep x 40mm wide, 8 teeth, semi-sharp
- 23637-25** Mammary Retractor, with through handle fibrelight, toothed lip, 190mm deep x 25mm wide, 5 teeth, semi-sharp
- 23637-40** Mammary Retractor, with through handle fibrelight, toothed lip, 190mm deep x 40mm wide, 8 teeth, semi-sharp
- 23642-25** Mammary Retractor, with through handle fibrelight, toothed lip, 110mm deep x 25mm wide, 5 teeth, semi-sharp
- 23642-40** Mammary Retractor, with through handle fibrelight, toothed lip, 110mm deep x 40mm wide, 8 teeth, semi-sharp
- 23642-44** Mammary Retractor, with through handle fibrelight, toothed lip, 110mm deep x 44mm wide, 9 teeth, semi-sharp

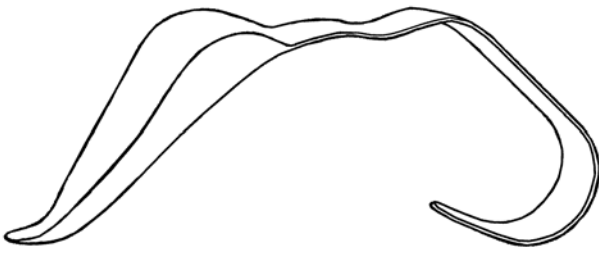


- 23632-25** Mammary Retractor, with through handle fibrelight, plain lip, 90mm deep x 25mm wide
- 23632-40** Mammary Retractor, with through handle fibrelight, plain lip, 90mm deep x 40mm wide
- 23636-25** Mammary Retractor, with through handle fibrelight, plain lip, 150mm deep x 25mm wide
- 23636-40** Mammary Retractor, with through handle fibrelight, plain lip, 150mm deep x 40mm wide
- 23638-25** Mammary Retractor, with through handle fibrelight, plain lip, 190mm deep x 25mm wide
- 23638-40** Mammary Retractor, with through handle fibrelight, plain lip, 190mm deep x 40mm wide
- 23643-25** Mammary Retractor, with through handle fibrelight, plain lip, 110mm deep x 25mm wide
- 23643-40** Mammary Retractor, with through handle fibrelight, plain lip, 110mm deep x 40mm wide
- 23643-44** Mammary Retractor, with through handle fibrelight, plain lip, 110mm deep x 44mm wide



Plastic and Maxillo Facial

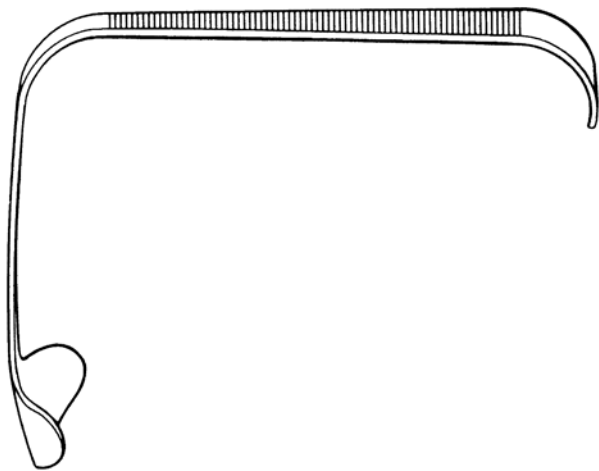
Retractors



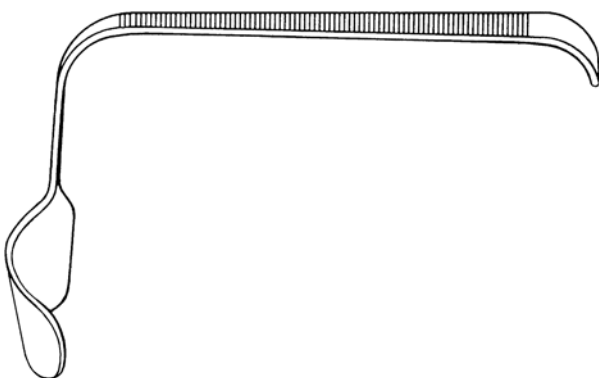
23640-10 Laster Cheek Retractor, for third upper molar, enables a chisel to be held, 100mm



23648-13 McIndoe Retractor, temporo-mandibular, 13mm wide x 25mm deep

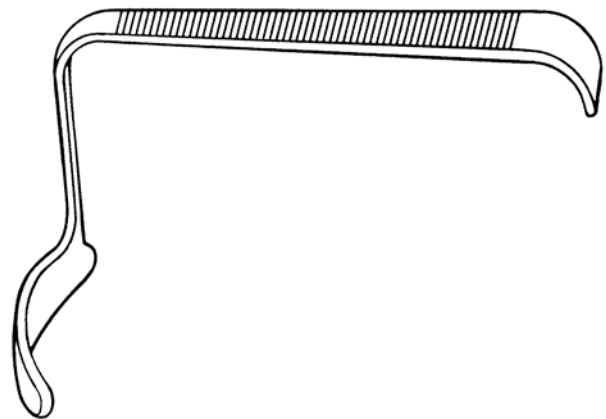


23655-10 Mustarde Offset Orbital Retractor, central, 110mm

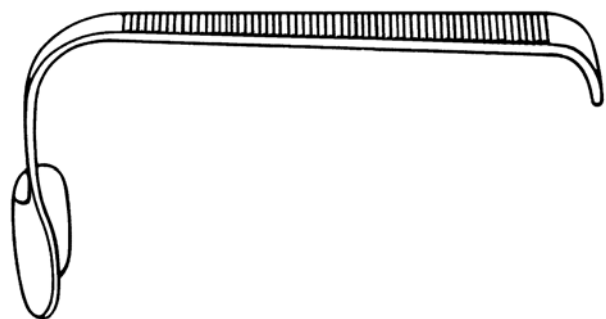


23655-20 Mustarde Offset Orbital Retractor, deep right, 110mm

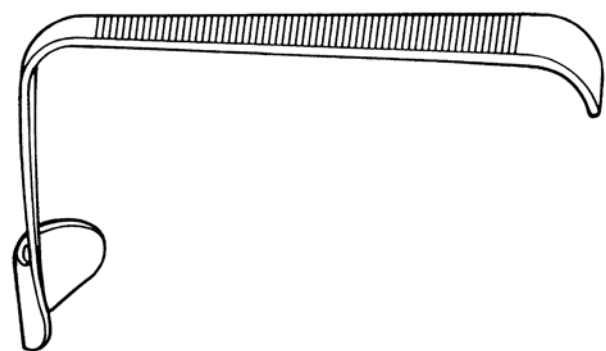
23655-30 Mustarde Offset Orbital Retractor, shallow right, 110mm



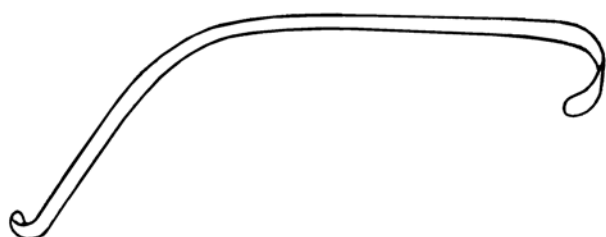
23655-40 Mustarde Offset Orbital Retractor, deep left, 110mm



23655-50 Mustarde Offset Orbital Retractor, shallow left, 110mm

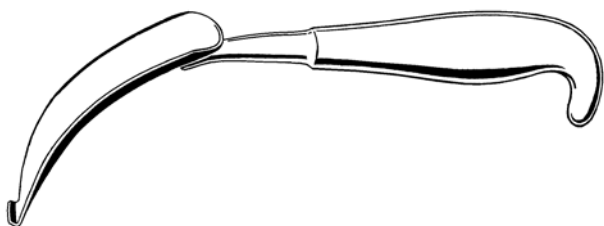


23660-17 Prognathism Channel Retractor, 170mm

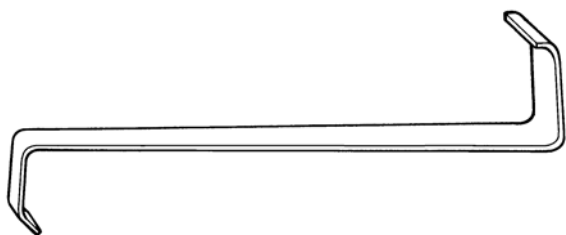


Plastic and Maxillo Facial

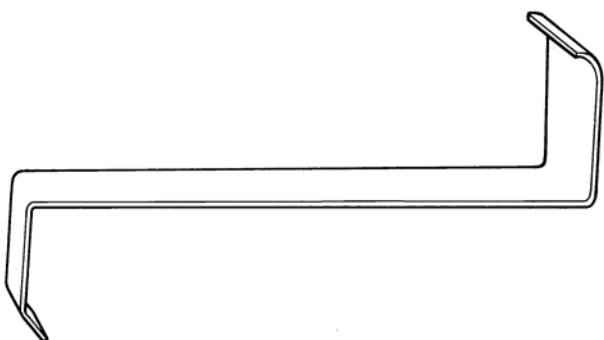
Retractors



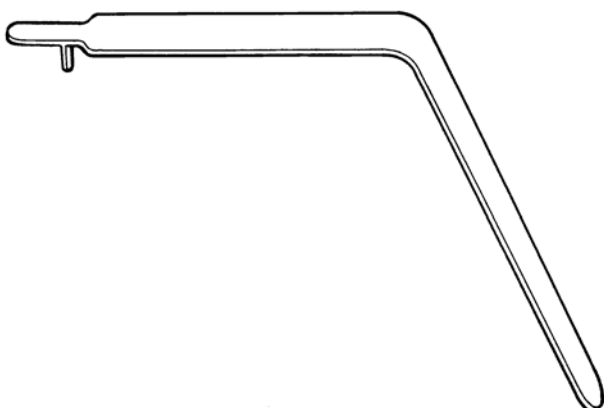
23670-10 Rayne Mandibular Retractor, hollow handle



23725-19 Seward Retractor, double ended, rectangular blades, 19mm x 10mm, 130mm, pair

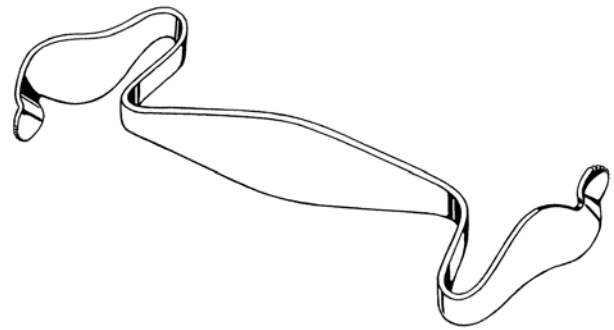


23725-25 Seward Retractor, double ended, rectangular blades, 25mm x 13mm, 140mm, pair

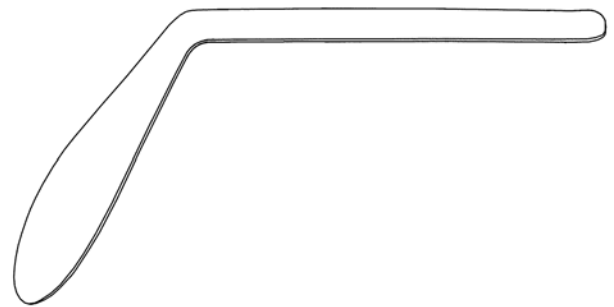


23735-18 Thexton Tongue And Flap Retractor, 180mm

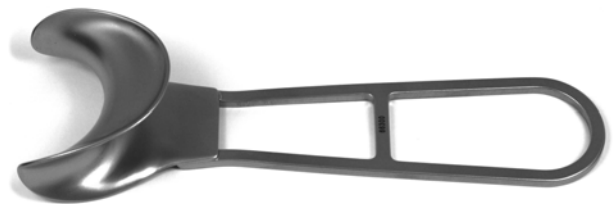
23740-15 Ward Cheek Retractor, double ended, 150mm



23750-19 Whitlock Lingual Retractor, 190mm



23760-40 Wythenshawe Cheek Retractor, wire handle, concave blade, 40mm wide x 20mm deep



23770-30 Tebbets Retractor, with through handle fibre light and suction tube, plain lip, 90mm deep x 30mm wide, cranked lip

23780-30 Tebbets Retractor, with through handle fibre light and suction tube, toothed lip, 90mm deep x 30mm wide, cranked lip, 5 rounded teeth



Plastic and Maxillo Facial

Retractors



- 23773-30** Tebbets Retractor, with through handle fibrelight and suction tube, plain lip, 150mm deep x 30mm wide, cranked lip
- 23773-36** Tebbets Retractor, with through handle fibrelight and suction tube, plain lip, 150mm deep x 36mm wide, cranked lip
- 23776-36** Tebbets Retractor, with through handle fibrelight and suction tube, plain lip, 190mm deep x 36mm wide, cranked lip
- 23783-30** Tebbets Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 30mm wide, cranked lip, 5 rounded teeth
- 23783-36** Tebbets Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 36mm wide, cranked lip, 6 rounded teeth
- 23783-40** Tebbets Retractor, with through handle fibrelight and suction tube, toothed lip, 150mm deep x 40mm wide, cranked lip, 7 rounded teeth
- 23786-30** Tebbets Retractor, with through handle fibrelight and suction tube, toothed lip, 190mm deep x 30mm wide, cranked lip, 5 rounded teeth
- 23786-36** Tebbets Retractor, with through handle fibrelight and suction tube, toothed lip, 190mm deep x 36mm wide, cranked lip, 6 rounded teeth



- 23803-36** Tebbets Retractor, with through handle fibrelight, plain lip, 150mm deep x 36mm wide, cranked lip
- 23816-36** Tebbets Retractor, with through handle fibrelight, toothed lip, 190mm deep x 36mm wide, cranked lip, 6 rounded teeth

Scalpel Handles



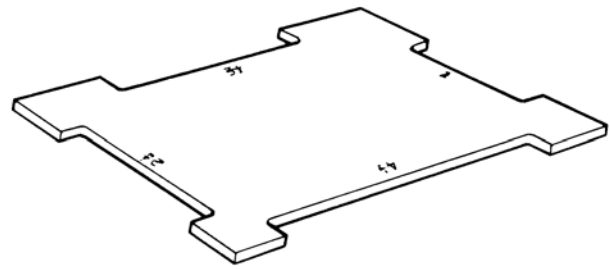
- 23900-03** Barron Scalpel Handle, octagonal, No.3, 130mm
- 23900-04** Barron Scalpel Handle, octagonal, No.4, 130mm



- 23901-03** Barron Scalpel Handle, octagonal, No.3, 160mm

Skin Graft Boards

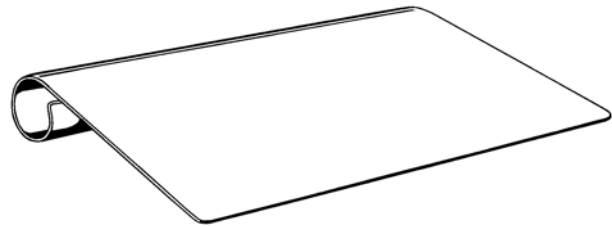
24200-10 Gabarro Skin Graft Measurer



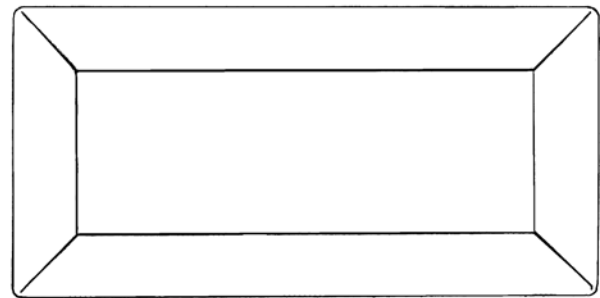
24205-10 Gibson-Ross Skin Graft Board, 100mm x 100mm

24205-12 Gibson-Ross Skin Graft Board, 100mm x 125mm

24205-18 Gibson-Ross Skin Graft Board, 100mm x 180mm



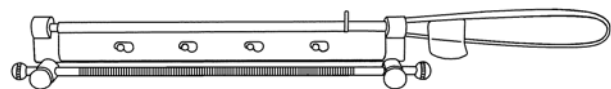
24210-20 Elsworth Skin Graft Board, PEEK, bevelled edge, 200mm x 100mm



Skin Graft Knives

24295-15 Humby Skin Graft Knife, right handed, 360mm

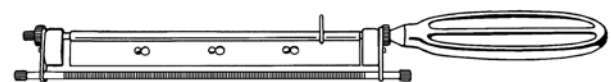
24295-25 Humby Skin Graft Knife, left handed, 360mm



24300-15 Braithwaite Skin Graft Knife, s/s, matt finish, right handed, 325mm

24300-25 Braithwaite Skin Graft Knife, s/s, matt finish, left handed, 325mm

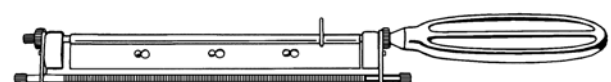
24300-50 Braithwaite Skin Graft Knife, blades only, sterile, pack of 10



24310-15 Cobbett Skin Graft Knife, s/s, matt finish, right handed, 325mm

24310-25 Cobbett Skin Graft Knife, s/s, matt finish, left handed, 325mm

24310-50 Cobbett Skin Graft Knife, blades only, sterile, pack of 10



Plastic and Maxillo Facial

Skin Graft Knives



- 24320-15** Silver Skin Graft Knife, s/s, matt finish, right handed, 200mm
- 24320-25** Silver Skin Graft Knife, s/s, matt finish, left handed, 200mm
- 24320-50** Silver Skin Graft Knife, blades only, sterile, pack of 10

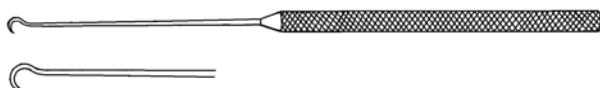


- 24330-15** Watson Skin Graft Knife, s/s, matt finish, right handed, 305mm
- 24330-25** Watson Skin Graft Knife, s/s, matt finish, left handed, 305mm
- 24330-50** Watson Skin Graft Knife, blades only, sterile, pack of 10

Skin Hooks



- 24400-15** Barsky Double Skin Hook, complete, 150mm
- 24400-50** Barsky Double Skin Hook, hook only



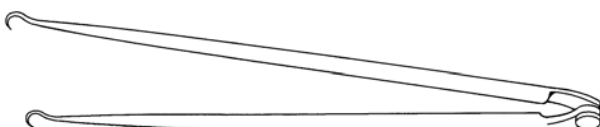
- 24405-02** Gillies Skin Hook, knurled handle, 185mm, fine, 2mm
- 24405-03** Gillies Skin Hook, knurled handle, 185mm, standard, 3mm
- 24405-04** Gillies Skin Hook, knurled handle, 185mm, large, 4mm



- 24410-18** Gillies Skin Hook, plain handle, 185mm, large, 4mm
- 24420-18** Gillies Skin Hook, plain handle, 185mm, standard, 3mm
- 24422-18** Gillies Skin Hook, plain handle, 185mm, fine, 2mm



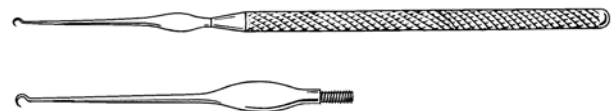
- 24425-03** Gordon Skin Hook, complete with chain and 55g (2oz) weight, 120mm
- 24425-36** Gordon Skin Hook, complete with chain and 55g (2oz) weight, 960mm



- 24427-11** Humby Double Skin Hook, hinged, 115mm

Skin Hooks

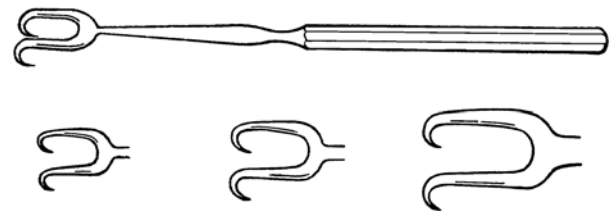
- 24430-50** Kilner Detachable Skin Hook, hook only, extra fine, 2mm
- 24430-90** Kilner Detachable Skin Hook, complete, extra fine, 2mm
- 24440-50** Kilner Detachable Skin Hook, hook only, fine, 3mm
- 24440-90** Kilner Detachable Skin Hook, complete, fine, 3mm
- 24450-50** Kilner Detachable Skin Hook, hook only, standard, 4mm
- 24450-90** Kilner Detachable Skin Hook, complete, standard, 4mm
- 24460-10** Kilner Detachable Skin Hook, handle only



- 24445-50** Kilner Detachable Skin Hook, hook only, fine, straight, 3mm
- 24445-90** Kilner Detachable Skin Hook, complete, fine, straight, 3mm



- 24470-10** McIndoe Double Skin Hook, length 150mm, 10mm
- 24470-11** McIndoe Double Skin Hook, length 150mm, 11mm



- 24480-19** McIndoe Single Skin Hook, 190mm



- 24485-25** Triple Skin Hook, 250mm



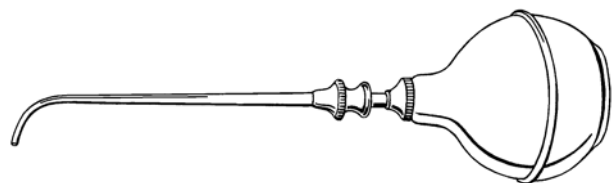
Suture Pushers

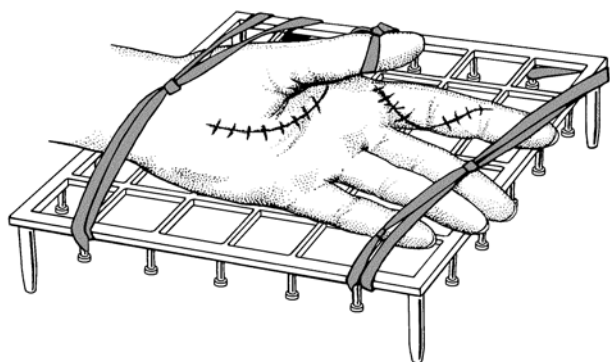
- 24500-24** Bateman Suture Pusher, 240mm



Syringes

- 24550-50** Dental Chip Syringe, nozzle only
- 24550-60** Dental Chip Syringe, rubber bulb only
- 24550-90** Dental Chip Syringe, complete, nozzle and rubber bulb, 180mm





24670-16 Prendiville Hand Table, 160mm square, 60mm high, with fixing posts for elastic bands

31000-04 House Cut-Out Adaptor, luer, 50mm



31002-10 Welch Allyn Male Fitting Sleeve To Fit Universal Cable Fitting



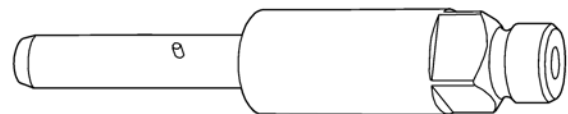
31002-20 Wolf Male Fitting Sleeve To Fit Universal Cable Fitting



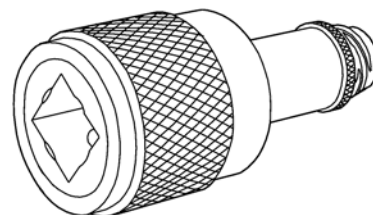
31002-30 Storz Male Fitting Sleeve To Fit Universal Cable Fitting



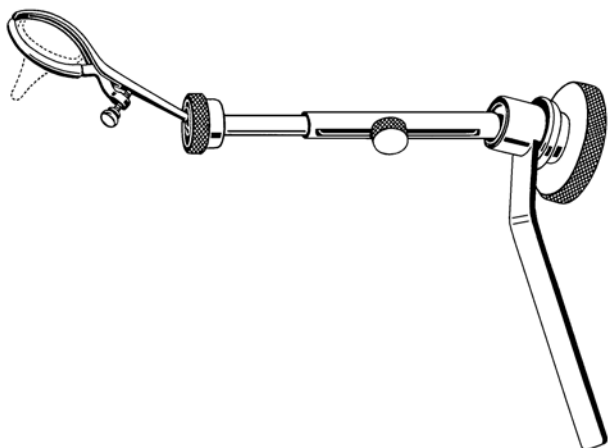
31003-10 Welch Allyn Male Fitting To Fibrelight Stem Adaptor



31005-10 Universal Cable Fitting To Welch Allyn Female Adaptor



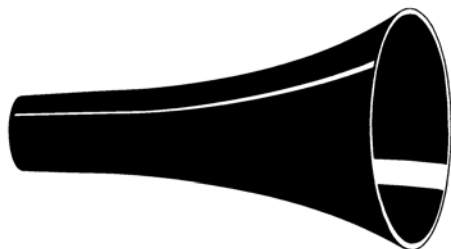
Aural Specula



- 31650-50** Shea Aural Speculum Holder, s/s, matt finish, with flat bar 32mm x 6.5mm (1.1/4" x 1/4") to attach to operating table



- 31700-10** Gruber Aural Speculum, oval end, black finish, No.1, 2.5mm x 3.5mm bore
- 31700-20** Gruber Aural Speculum, oval end, black finish, No.2, 3.5mm x 4.5mm bore
- 31700-30** Gruber Aural Speculum, oval end, black finish, No.3, 4.0mm x 6.0mm bore
- 31700-40** Gruber Aural Speculum, oval end, black finish, No.4, 6.0mm x 8.0mm bore
- 31700-85** Gruber Aural Speculum, oval end, black finish, set of 3 (No.1 to No.3)
- 31700-90** Gruber Aural Speculum, oval end, black finish, set of 4 (No.1 to No.4)
- 31702-30** Gruber Aural Speculum, round end, black finish, 3.0mm bore
- 31702-40** Gruber Aural Speculum, round end, black finish, 4.0mm bore
- 31702-50** Gruber Aural Speculum, round end, black finish, 5.0mm bore
- 31702-70** Gruber Aural Speculum, round end, black finish, 7.0mm bore
- 31702-85** Gruber Aural Speculum, round end, black finish, set of 3 (3.0mm to 5.0mm)
- 31702-90** Gruber Aural Speculum, round end, black finish, set of 4 (3.0mm to 7.0mm)



- 31704-40** Heath Aural Speculum, oval end, black finish, 48mm, 4.0mm x 6.0mm bore
- 31704-50** Heath Aural Speculum, oval end, black finish, 48mm, 5.0mm x 7.0mm bore
- 31704-60** Heath Aural Speculum, oval end, black finish, 48mm, 6.0mm x 8.0mm bore
- 31704-70** Heath Aural Speculum, oval end, black finish, 48mm, 7.0mm x 9.0mm bore
- 31704-90** Heath Aural Speculum, oval end, black finish, 48mm, set of 4

- 31708-10** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, No.1, 2.5mm x 3.5mm bore
- 31708-20** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, No.2, 3.5mm x 4.5mm bore
- 31708-30** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, No.3, 4.0mm x 6.0mm bore
- 31708-40** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, No.4, 5.0mm x 7.0mm bore
- 31708-50** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, No.5, 6.0mm x 8.0mm bore
- 31708-85** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, set of 4, No.2 - No.5
- 31708-90** Rosen Aural Speculum, slotted, oval end, black finish, 38mm, set of 5, No.1 - No.5
- 31710-30** Rosen Aural Speculum, slotted, round end, black finish, 38mm, 3.0mm bore
- 31710-40** Rosen Aural Speculum, slotted, round end, black finish, 38mm, 4.0mm bore
- 31710-50** Rosen Aural Speculum, slotted, round end, black finish, 38mm, 5.0mm bore
- 31710-60** Rosen Aural Speculum, slotted, round end, black finish, 38mm, 6.0mm bore
- 31710-70** Rosen Aural Speculum, slotted, round end, black finish, 38mm, 7.0mm bore
- 31710-85** Rosen Aural Speculum, slotted, round end, black finish, 38mm, set of 4, 4.0mm - 7.0mm bore
- 31710-90** Rosen Aural Speculum, slotted, round end, black finish, 38mm, set of 5, 3.0mm - 7.0mm bore



- 31709-10** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, No.1, 2.5mm x 3.5mm bore
- 31709-20** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, No.2, 3.5mm x 4.5mm bore
- 31709-30** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, No.3, 4.0mm x 6.0mm bore
- 31709-40** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, No.4, 5.0mm x 7.0mm bore
- 31709-50** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, No.5, 6.0mm x 8.0mm bore
- 31709-85** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, set of 4, No.2 - No.5
- 31709-90** Rosen Aural Speculum, unslotted, oval end, black finish, 38mm, set of 5, No.1 - No.5
- 31720-30** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, 3.0mm bore
- 31720-40** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, 4.0mm bore
- 31720-50** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, 5.0mm bore
- 31720-60** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, 6.0mm bore
- 31720-70** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, 7.0mm bore
- 31720-85** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, set of 4, 4.0mm - 7.0mm bore
- 31720-90** Rosen Aural Speculum, unslotted, round end, black finish, 38mm, set of 5, 3.0mm - 7.0mm bore



Aural Specula



- 31730-33** Shea Aural Speculum, oblique end, black finish, 38mm, 3.3mm x 4.1mm bore
- 31730-40** Shea Aural Speculum, oblique end, black finish, 38mm, 4.0mm x 5.5mm bore
- 31730-50** Shea Aural Speculum, oblique end, black finish, 38mm, 5.0mm x 7.5mm bore
- 31730-60** Shea Aural Speculum, oblique end, black finish, 38mm, 6.0mm x 8.5mm bore
- 31730-70** Shea Aural Speculum, oblique end, black finish, 38mm, 7.0mm x 9.5mm bore
- 31730-90** Shea Aural Speculum, oblique end, black finish, 38mm, set of 5



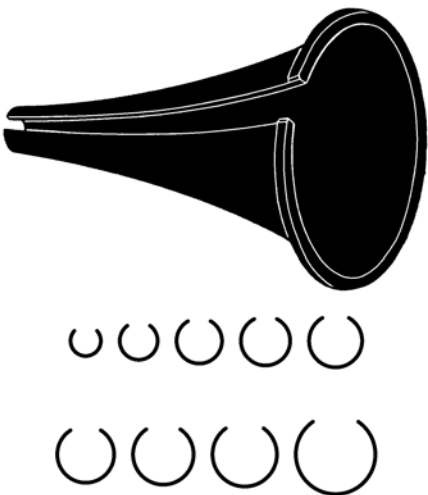
- 31740-10** Peters (Siegle) Aural Speculum, body only
- 31740-30** Peters (Siegle) Aural Speculum, lens only, magnifying
- 31740-50** Peters (Siegle) Aural Speculum, body and lens only, magnifying
- 31740-75** Peters (Siegle) Aural Speculum, rubber tube and bulb only
- 31740-90** Peters (Siegle) Aural Speculum, complete, magnifying, with 5 ear specula, rubber tube and bulb
- 31750-30** Peters (Siegle) Aural Speculum, lens only, plain
- 31750-50** Peters (Siegle) Aural Speculum, body and lens only, plain
- 31750-90** Peters (Siegle) Aural Speculum, complete, plain, with 5 ear specula, rubber tube and bulb
- 31760-00** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, No.0, 3.0mm x 4.0mm bore
- 31760-10** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, No.1, 4.0mm x 5.0mm bore
- 31760-20** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, No.2, 4.5mm x 6.0mm bore
- 31760-30** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, No.3, 5.5mm x 7.0mm bore
- 31760-40** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, No.4, 6.5mm x 8.0mm bore
- 31760-85** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, set of 4 (No.1 - No.4)
- 31760-90** Peters (Siegle) Aural Speculum, oval end, black finish, 42mm, set of 5 (No.0 - No.4)



- 31770-50** Toynbee Aural Speculum, black finish, 41mm, 4.0mm bore, 5.0mm o.d.
- 31770-60** Toynbee Aural Speculum, black finish, 41mm, 5.0mm bore, 6.0mm o.d.
- 31770-70** Toynbee Aural Speculum, black finish, 41mm, 6.0mm bore, 7.0mm o.d.
- 31770-90** Toynbee Aural Speculum, black finish, 41mm, set of 3

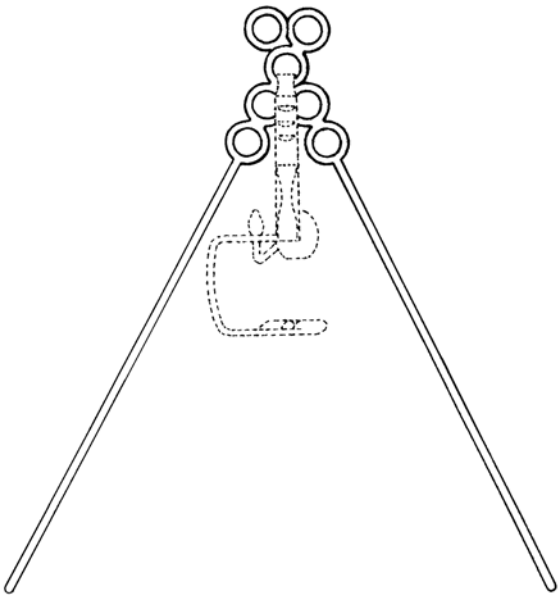
Aural Specula

- 31780-00 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 0, 3.5mm bore
- 31780-05 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 0.5, 4.5mm bore
- 31780-10 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 1, 5.5mm bore
- 31780-20 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 2, 6.0mm bore
- 31780-30 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 3, 6.5mm bore
- 31780-40 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 4, 7.0mm bore
- 31780-50 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 5, 7.5mm bore
- 31780-60 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 6, 8.0mm bore
- 31780-70 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, size 7, 10.0mm bore
- 31780-90 Tumarkin Aural Speculum, tapered slot, black finish, 51mm, set of 8



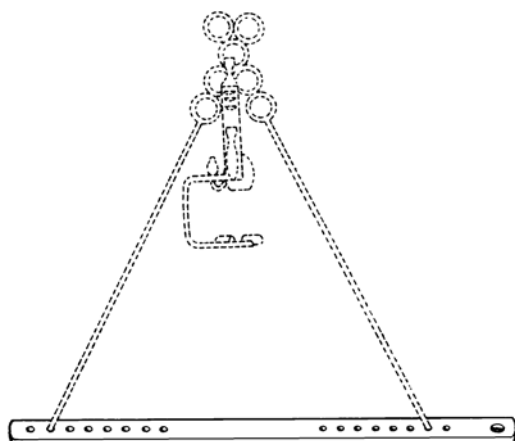
Bipods

- 31900-45 Draffin Bipod, s/s, 450mm, 3 ring, pair
- 31900-48 Draffin Bipod, s/s, 480mm, 4 ring, pair



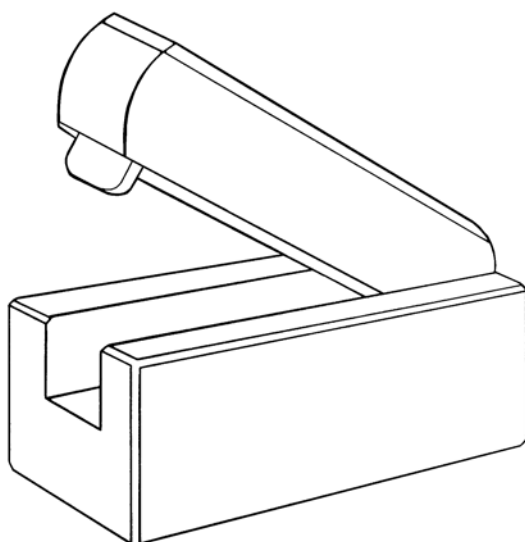
Ear, Nose and Throat

Bipods



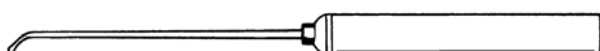
31910-40 Magauran Plate, s/s, to hold Bipod, 500mm

Bone Instruments



31960-70 Bone Crusher, 70mm

Cerumen Hooks



32500-14 Cawthorne Cerumen Hook, 145mm



32510-17 Formby Cerumen Hook, 175mm



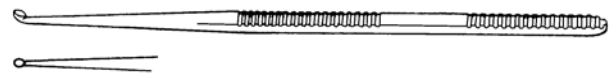
32520-14 Hartmann Cerumen Hook, sharp, 140mm



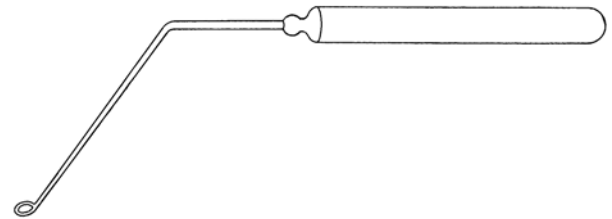
32540-17 St.Barts Cerumen Hook, blunt, 175mm

Curettes

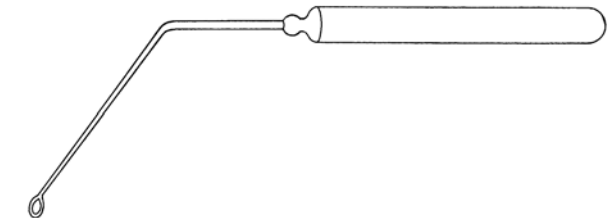
- 32857-10** Guilford Wright Curette, No.1, 125mm, 1mm
32857-20 Guilford Wright Curette, No.2, 125mm, 2mm
32857-30 Guilford Wright Curette, No.3, 125mm, 3mm
32857-40 Guilford Wright Curette, No.4, 125mm, 4mm



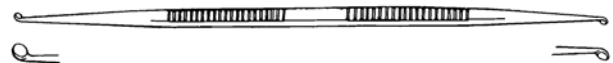
- 32859-20** Hallpike Ring Curette, upward, 150mm



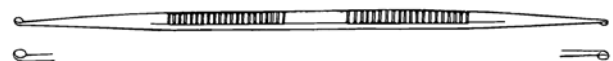
- 32859-30** Hallpike Ring Curette, downward, 150mm



- 32860-15** House Curette, angled, double ended, 150mm
32860-18 House Curette, angled, double ended, 180mm

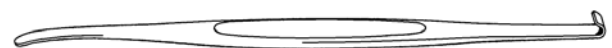


- 32870-15** House Curette, straight, double ended, 150mm
32870-18 House Curette, straight, double ended, 180mm

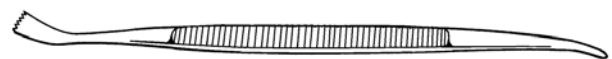


Dissectors

- 33200-20** Beavis Dissector, double ended, 205mm



- 33210-06** Gwynne Evans Dissector, double ended, 195mm, 6mm wide
33210-08 Gwynne Evans Dissector, double ended, 195mm, 8mm wide



- 33240-20** Negus Aspirating Dissector, 205mm
33240-50 Negus Aspirating Dissector, stilette only



Ear, Nose and Throat

Dissectors



33270-16 St.Clair Thomson Dissector, blunt, 160mm



33280-16 St.Clair Thomson Dissector, sharp, 160mm



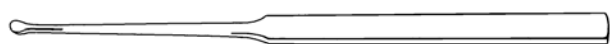
33290-18 Syme Dissector, one blunt, one semi-sharp end, 180mm



33300-40 Woods Tonsil Dissector, 4mm

33300-50 Woods Tonsil Dissector, 5mm

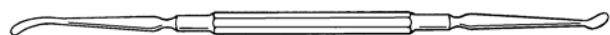
Elevators



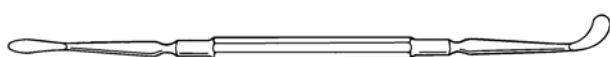
33350-16 Cottle Elevator, single ended, 160mm



33360-21 Cottle Elevator, double ended, 210mm



33400-20 Freer Elevator, double ended, sharp / blunt, 200mm



33402-20 Freer Elevator, double ended, sharp / knife curved to side, 200mm



33410-22 Hill Elevator, double ended, curved to side, 220mm

Gouges

- 33510-01** Jenkins Gouge, length 140mm, 1mm
- 33510-02** Jenkins Gouge, length 140mm, 2mm
- 33510-03** Jenkins Gouge, length 140mm, 3mm
- 33510-04** Jenkins Gouge, length 140mm, 4mm
- 33510-05** Jenkins Gouge, length 140mm, 5mm
- 33510-06** Jenkins Gouge, length 140mm, 6mm
- 33510-07** Jenkins Gouge, length 140mm, 7mm
- 33510-08** Jenkins Gouge, length 140mm, 8mm
- 33510-09** Jenkins Gouge, length 140mm, 9mm
- 33510-10** Jenkins Gouge, length 140mm, 10mm
- 33510-11** Jenkins Gouge, length 140mm, 11mm
- 33510-12** Jenkins Gouge, length 140mm, 12mm
- 33510-13** Jenkins Gouge, length 140mm, 13mm
- 33510-14** Jenkins Gouge, length 140mm, 14mm

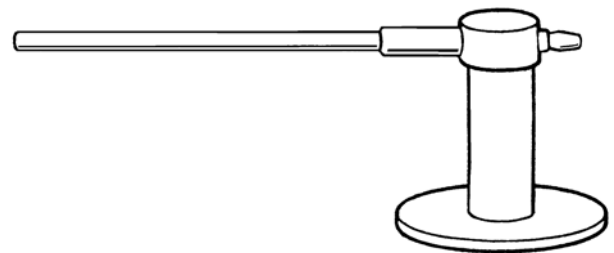


- 33530-12** Tilley Gouge, V shaped, length 145mm



Insufflators

- 33700-17** Stanford Cade Insufflator, insufflator only, 175mm



Knot Tier and Pushers

- 33800-20** Negus Knot Tier And Pusher, 200mm

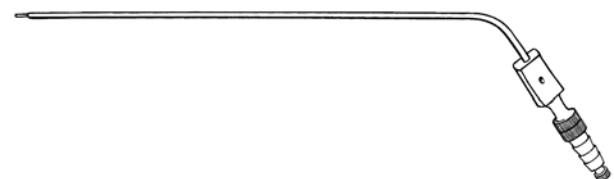


- 33801-23** Negus Knot Tier And Pusher, tufnol handle, 230mm



Laryngeal Instruments

- 34000-14** Laryngeal Suction Tube, 260mm, 14swg



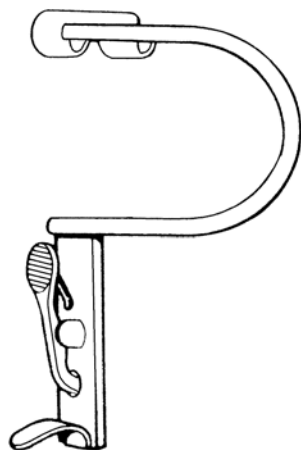
Ear, Nose and Throat

Loops



34420-12 Imray Loop, for removing hard wax, 125mm

Mouth Gags



34598-10 Davis-Boyle Mouth Gag, pad for frame only, adult, pack of 5

34598-20 Davis-Boyle Mouth Gag, pad for frame only, child, pack of 5

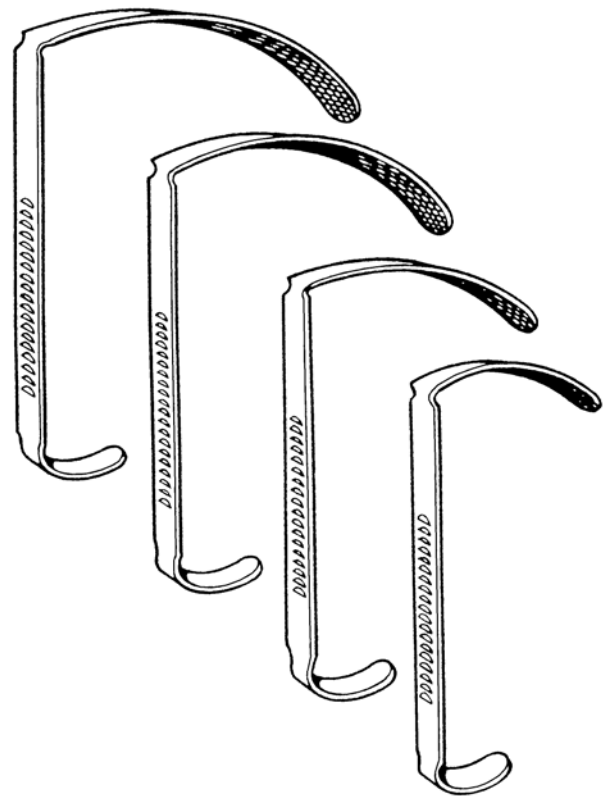
34600-10 Davis-Boyle Mouth Gag, frame only, adult

34600-20 Davis-Boyle Mouth Gag, frame only, child

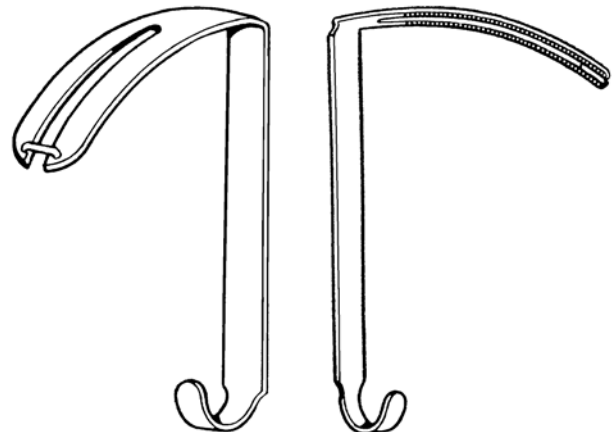


34605-10 Davis-Boyle Mouth Gag, frame only, with swivel upper tooth plates, adult

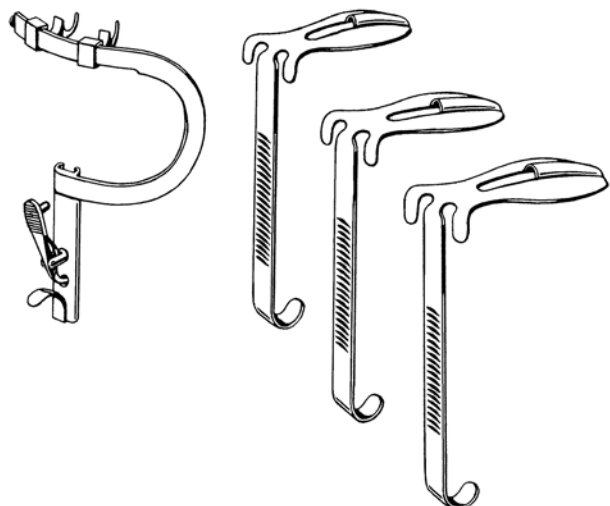
- 34610-06** Davis-Boyle Mouth Gag, tongue plate only, plain, 64mm
- 34610-07** Davis-Boyle Mouth Gag, tongue plate only, plain, 76mm
- 34610-08** Davis-Boyle Mouth Gag, tongue plate only, plain, 89mm
- 34610-10** Davis-Boyle Mouth Gag, tongue plate only, plain, 102mm
- 34610-11** Davis-Boyle Mouth Gag, tongue plate only, plain, 114mm



- 34630-06** Doughty Tongue Plate, for use with Davis-Boyle frame, slotted, 64mm
- 34630-07** Doughty Tongue Plate, for use with Davis-Boyle frame, slotted, 76mm
- 34630-08** Doughty Tongue Plate, for use with Davis-Boyle frame, slotted, 89mm
- 34630-10** Doughty Tongue Plate, for use with Davis-Boyle frame, slotted, 102mm
- 34630-11** Doughty Tongue Plate, for use with Davis-Boyle frame, slotted, 114mm



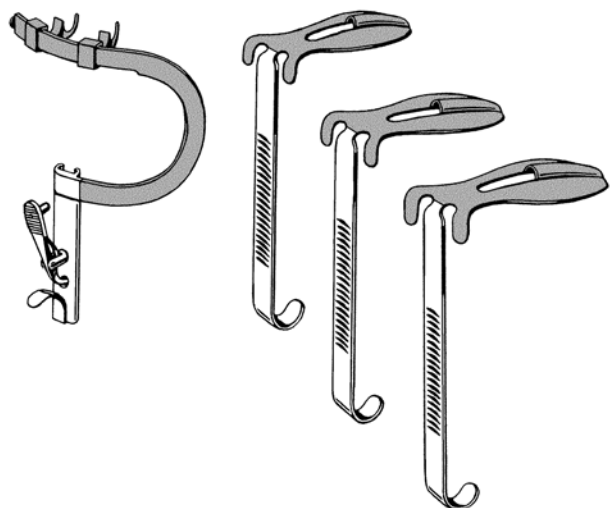
Mouth Gags



- 34650-10** Kilner Dott Mouth Gag, tongue plate only, with endotracheal tube groove, large
- 34650-20** Kilner Dott Mouth Gag, tongue plate only, with endotracheal tube groove, medium
- 34650-30** Kilner Dott Mouth Gag, tongue plate only, with endotracheal tube groove, small
- 34650-50** Kilner Dott Mouth Gag, frame only, adult
- 34650-55** Kilner Dott Mouth Gag, frame only, adult, left handed
- 34650-60** Kilner Dott Mouth Gag, frame only, child
- 34650-90** Kilner Dott Mouth Gag, complete, 1 adult frame and 3 tongue plates



- 34655-10** Kilner Dott Mouth Gag, tongue plate only, with oval slot, large
- 34655-20** Kilner Dott Mouth Gag, tongue plate only, with oval slot, medium
- 34655-30** Kilner Dott Mouth Gag, tongue plate only, with oval slot, small



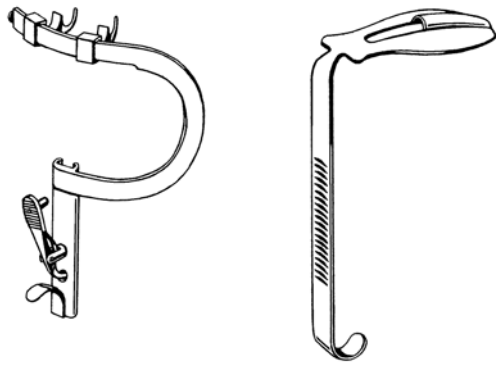
- 34660-10** Kilner Dott Mouth Gag, tongue plate only, insulated, with endotracheal tube groove, large
- 34660-20** Kilner Dott Mouth Gag, tongue plate only, insulated, with endotracheal tube groove, medium
- 34660-30** Kilner Dott Mouth Gag, tongue plate only, insulated, with endotracheal tube groove, small
- 34660-50** Kilner Dott Mouth Gag, frame only, adult, insulated
- 34660-60** Kilner Dott Mouth Gag, frame only, child, insulated
- 34660-90** Kilner Dott Mouth Gag, complete, insulated, 1 adult frame and 3 tongue plates

34670-10 Kilner Suture Frame, for use with Kilner Dott frame

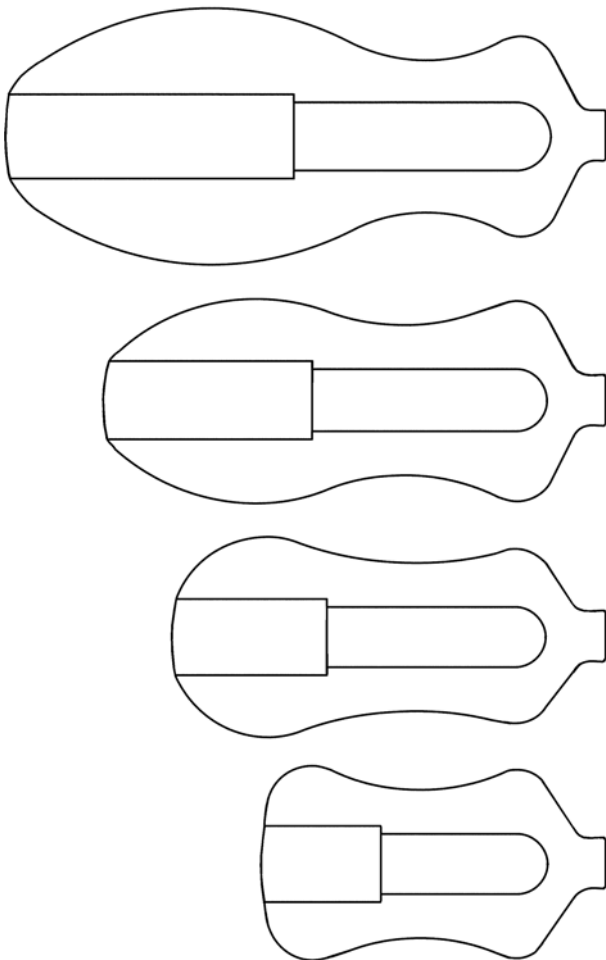


Ear, Nose and Throat

Mouth Gags



- 34695-10** Sommerlad Mouth Gag, tongue plate only, with endotracheal tube groove, large, 80mm
- 34695-20** Sommerlad Mouth Gag, tongue plate only, with endotracheal tube groove, medium, 70mm
- 34695-30** Sommerlad Mouth Gag, tongue plate only, with endotracheal tube groove, small, 60mm
- 34695-40** Sommerlad Mouth Gag, tongue plate only, with endotracheal tube groove, extra small, 50mm
- 34695-50** Sommerlad Mouth Gag, modified Kilner Dott frame only
- 34695-90** Sommerlad Mouth Gag, complete, 1 modified Kilner Dott frame and 4 tongue plates



Nasal Instruments



- 35060-15** Cottle Alar Protector, 150mm



- 35070-24** Cottle Periosteal Comb And Spicule Sweeper, 240mm

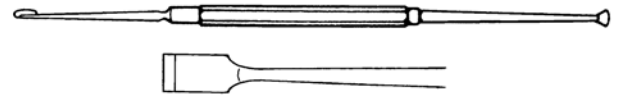
35080-12 Cottle Tenaculum Hook, shallow curve, 125mm



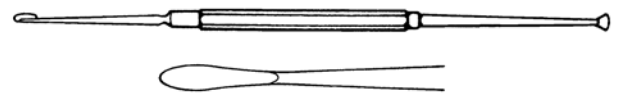
35090-12 Cottle Tenaculum Hook, deep curve, 125mm



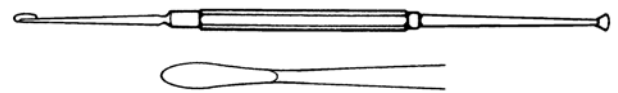
35100-19 Freer Nasal Chisel, 190mm



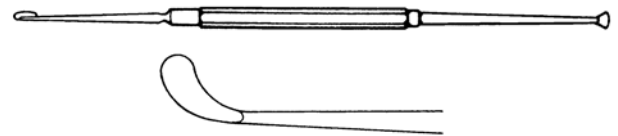
35110-19 Freer Nasal Elevator, dull edge, 190mm



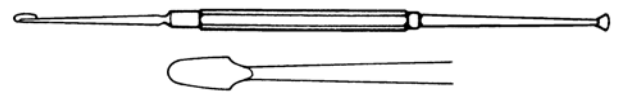
35120-19 Freer Nasal Elevator, sharp edge, 190mm



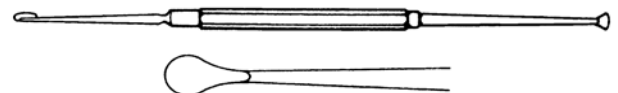
35130-19 Freer Nasal Knife, curved to side, 190mm



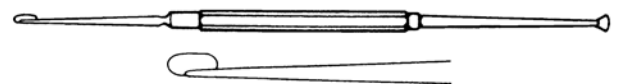
35140-19 Freer Nasal Knife, flat rounded blade, 190mm



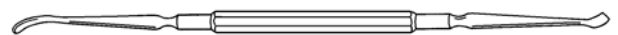
35150-19 Freer Nasal Knife, rounded blade, curved on flat, 190mm



35160-19 Freer Nasal Knife, rounded edge, 190mm

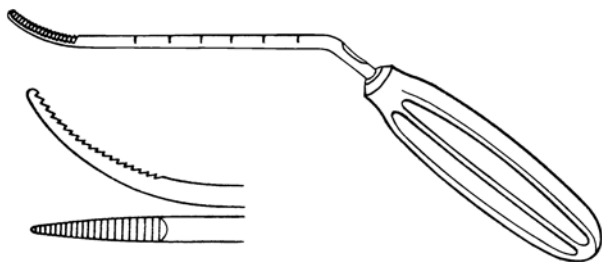


35165-19 Freer Nasal Separator And Elevator, double ended, 190mm

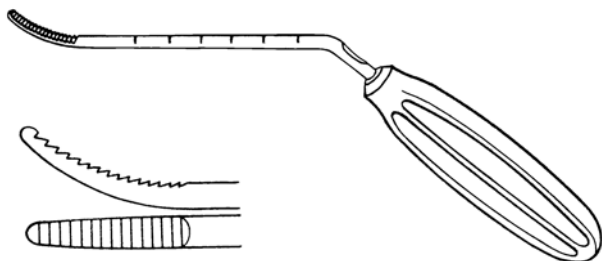


Ear, Nose and Throat

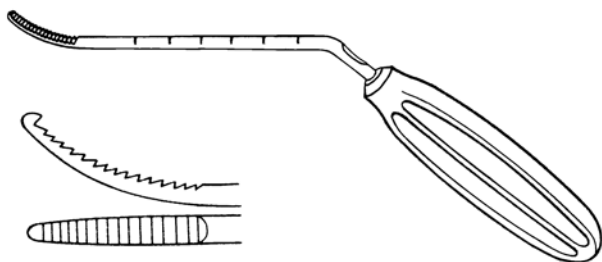
Nasal Rasps



35300-10 Watson-Williams Nasal Rasp, rounded with convex blade, fine, 170mm

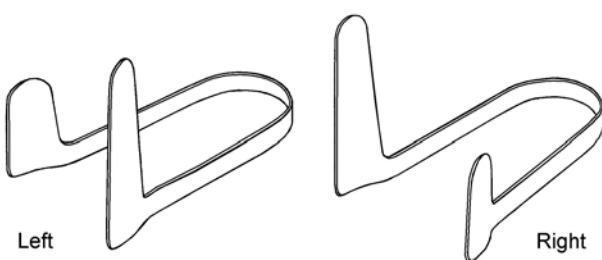


35300-20 Watson-Williams Nasal Rasp, rounded with convex blade, heavy, 170mm



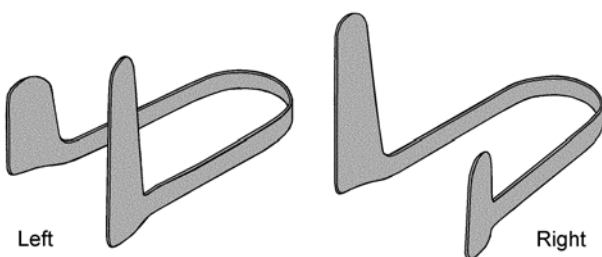
35300-30 Watson-Williams Nasal Rasp, rounded with convex blade, light, 170mm

Nasal Specula



35529-10 Shah Nasal Speculum, left

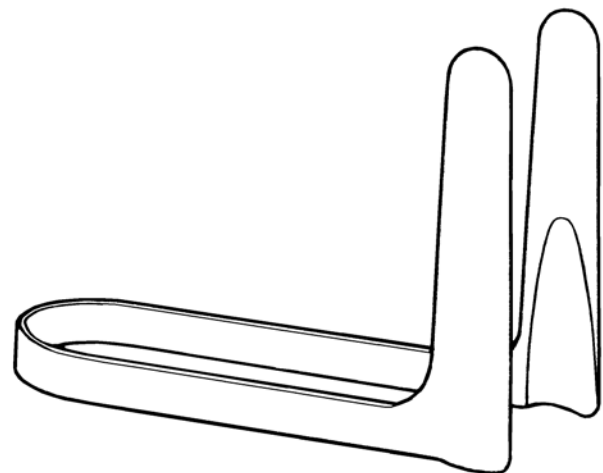
35529-20 Shah Nasal Speculum, right



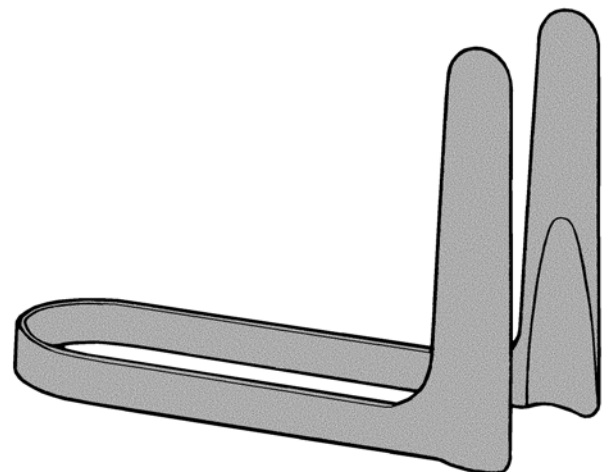
35530-10 Shah Nasal Speculum, insulated, left

35530-20 Shah Nasal Speculum, insulated, right

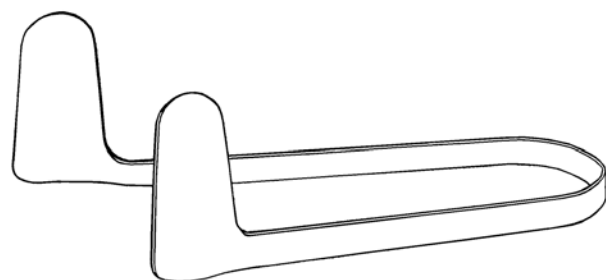
- 35540-38** St.Clair Thomson Nasal Speculum, blade 38mm
- 35540-50** St.Clair Thomson Nasal Speculum, blade 50mm
- 35540-65** St.Clair Thomson Nasal Speculum, blade 65mm
- 35540-75** St.Clair Thomson Nasal Speculum, blade 75mm
- 35540-90** St.Clair Thomson Nasal Speculum, set of 4



- 35545-38** St.Clair Thomson Nasal Speculum, insulated, blade 38mm
- 35545-50** St.Clair Thomson Nasal Speculum, insulated, blade 50mm
- 35545-65** St.Clair Thomson Nasal Speculum, insulated, blade 65mm
- 35545-75** St.Clair Thomson Nasal Speculum, insulated, blade 75mm
- 35545-90** St.Clair Thomson Nasal Speculum, insulated, set of 4

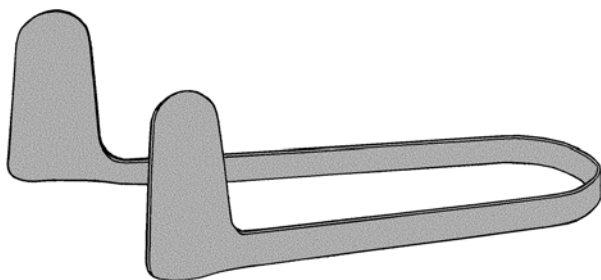


- 35550-10** Thudichum Nasal Speculum, 70mm, size 1, 12mm deep blade
- 35550-20** Thudichum Nasal Speculum, 70mm, size 2, 14mm deep blade
- 35550-30** Thudichum Nasal Speculum, 70mm, size 3, 16mm deep blade
- 35550-40** Thudichum Nasal Speculum, 70mm, size 4, 18mm deep blade
- 35550-50** Thudichum Nasal Speculum, 70mm, size 5, 20mm deep blade
- 35550-60** Thudichum Nasal Speculum, 70mm, size 6, 22mm deep blade
- 35550-70** Thudichum Nasal Speculum, 70mm, size 7, 24mm deep blade
- 35550-80** Thudichum Nasal Speculum, 70mm, size 8, 27mm deep blade
- 35550-85** Thudichum Nasal Speculum, 70mm, set of 5, sizes 4 to 8
- 35550-90** Thudichum Nasal Speculum, 70mm, set of 7, sizes 1 to 7



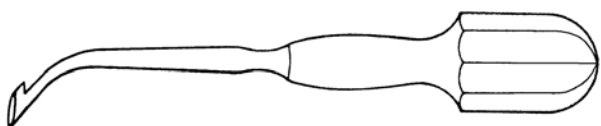
Ear, Nose and Throat

Nasal Specula



- 35560-10** Thudichum Nasal Speculum, insulated, 70mm, size 1, 12mm deep blade
- 35560-20** Thudichum Nasal Speculum, insulated, 70mm, size 2, 14mm deep blade
- 35560-30** Thudichum Nasal Speculum, insulated, 70mm, size 3, 16mm deep blade
- 35560-40** Thudichum Nasal Speculum, insulated, 70mm, size 4, 18mm deep blade
- 35560-50** Thudichum Nasal Speculum, insulated, 70mm, size 5, 20mm deep blade
- 35560-60** Thudichum Nasal Speculum, insulated, 70mm, size 6, 22mm deep blade
- 35560-70** Thudichum Nasal Speculum, insulated, 70mm, size 7, 24mm deep blade
- 35560-80** Thudichum Nasal Speculum, insulated, 70mm, size 8, 27mm deep blade
- 35560-85** Thudichum Nasal Speculum, insulated, 70mm, set of 5, sizes 4 to 8
- 35560-90** Thudichum Nasal Speculum, insulated, 70mm, set of 7, sizes 1 to 7

Perforators



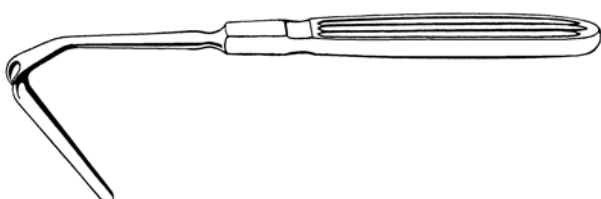
- 36000-19** Myles Naso Antrum Perforator, 170mm, 19FG, 6.3mm

Probes

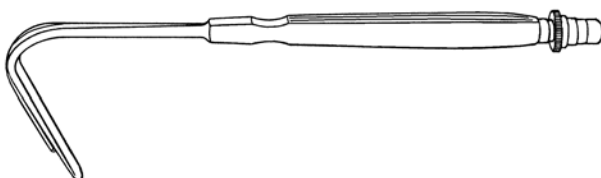


- 36210-13** Logan Turner Probe, 130mm

Retractors



- 36500-16** Aufricht Retractor, 160mm



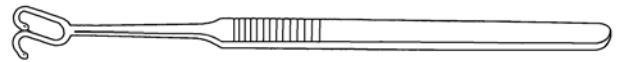
- 36510-18** Aufricht Retractor, with fibre light, 180mm



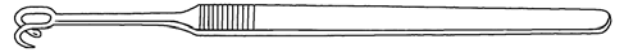
- 36520-14** Cottle Retractor, four prong, 140mm

Retractors

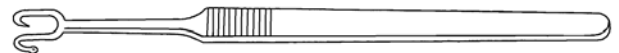
36530-14 Cottle Retractor, two prong, blunt, 140mm



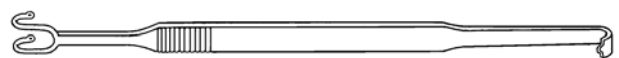
36540-14 Cottle Retractor, two prong, blunt/sharp, left, 140mm



36550-14 Cottle Retractor, two prong, blunt/sharp, right, 140mm



36560-19 Cottle Nievert Retractor, double ended, 190mm



36570-16 Cottle Upper Lateral Exposing Retractor, 160mm

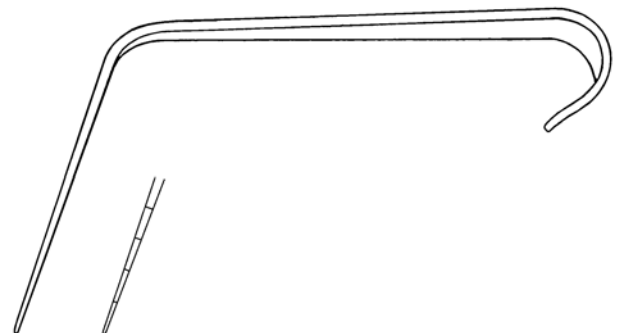


36580-10 Cottle Retractor, single blade, graduated in cm, 110mm, No.1

36580-20 Cottle Retractor, single blade, graduated in cm, 110mm, No.2

36580-30 Cottle Retractor, single blade, graduated in cm, 110mm, No.3

36580-40 Cottle Retractor, single blade, graduated in cm, 110mm, No.4



Rugines

36700-15 Lempert Rugine, narrow, 3.5mm wide, 170mm



36700-17 Lempert Rugine, broad, 6.5mm wide, 185mm



Seekers

37000-15 Dundas-Grant Seeker, 150mm



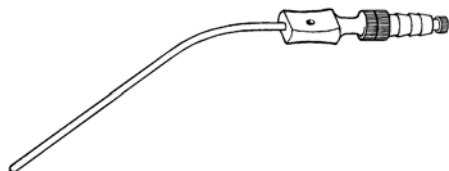
Ear, Nose and Throat

Skin Graft Plates

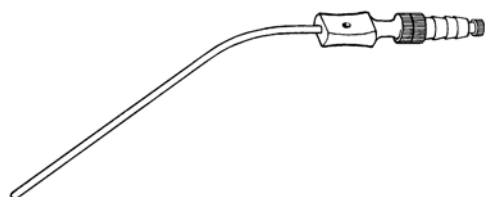


- 37050-15** Zoellner Skin Graft Plate, with holes 10mm, 29mm and 32mm, 150mm x 75mm

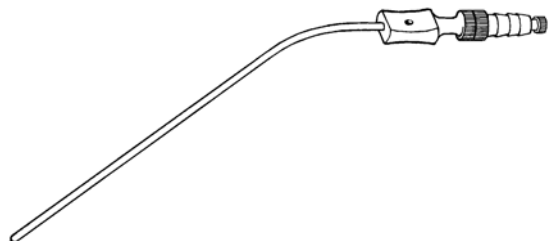
Suction Tubes



- 37214-15** Fergusson Suction Tube, s/s, 110mm working length, 1.5mm
37214-20 Fergusson Suction Tube, s/s, 110mm working length, 2.0mm
37214-25 Fergusson Suction Tube, s/s, 110mm working length, 2.5mm
37214-30 Fergusson Suction Tube, s/s, 110mm working length, 3.0mm
37214-40 Fergusson Suction Tube, s/s, 110mm working length, 4.0mm
37214-50 Fergusson Suction Tube, s/s, 110mm working length, 5.0mm

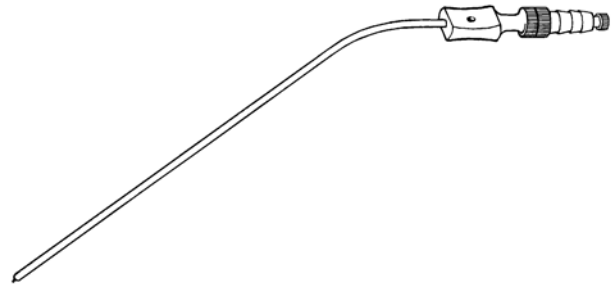


- 37215-15** Fergusson Suction Tube, s/s, 130mm working length, 1.5mm
37215-20 Fergusson Suction Tube, s/s, 130mm working length, 2.0mm
37215-25 Fergusson Suction Tube, s/s, 130mm working length, 2.5mm
37215-30 Fergusson Suction Tube, s/s, 130mm working length, 3.0mm
37215-40 Fergusson Suction Tube, s/s, 130mm working length, 4.0mm
37215-50 Fergusson Suction Tube, s/s, 130mm working length, 5.0mm



- 37216-15** Fergusson Suction Tube, s/s, 160mm working length, 1.5mm
37216-20 Fergusson Suction Tube, s/s, 160mm working length, 2.0mm
37216-25 Fergusson Suction Tube, s/s, 160mm working length, 2.5mm
37216-30 Fergusson Suction Tube, s/s, 160mm working length, 3.0mm
37216-40 Fergusson Suction Tube, s/s, 160mm working length, 4.0mm
37216-50 Fergusson Suction Tube, s/s, 160mm working length, 5.0mm

- 37217-15** Fergusson Suction Tube, s/s, 200mm working length, 1.5mm
- 37217-20** Fergusson Suction Tube, s/s, 200mm working length, 2.0mm
- 37217-25** Fergusson Suction Tube, s/s, 200mm working length, 2.5mm
- 37217-30** Fergusson Suction Tube, s/s, 200mm working length, 3.0mm
- 37217-40** Fergusson Suction Tube, s/s, 200mm working length, 4.0mm
- 37217-50** Fergusson Suction Tube, s/s, 200mm working length, 5.0mm



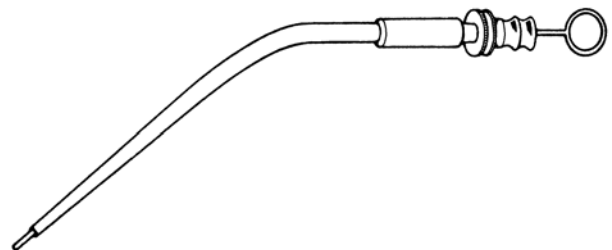
- 37218-25** Fergusson Suction Tube, s/s, 300mm working length, 2.5mm
- 37218-40** Fergusson Suction Tube, s/s, 300mm working length, 4.0mm



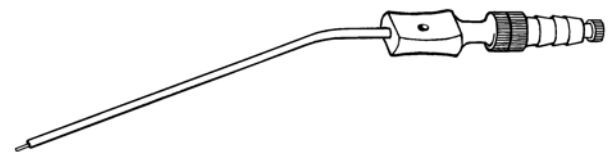
- 37219-30** Fergusson Suction Tube, s/s, 350mm working length, 3.0mm
- 37219-50** Fergusson Suction Tube, s/s, 350mm working length, 5.0mm



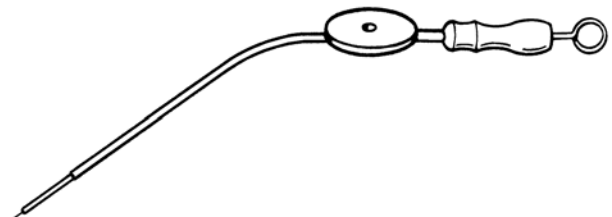
- 37220-10** Formby Suction Tube, conical tip, 210mm, 10FG, 3.3mm



- 37240-06** Lempert Suction Tube, s/s, with stilette, 200mm, 6FG, 2mm
- 37240-09** Lempert Suction Tube, s/s, with stilette, 200mm, 9FG, 3mm
- 37240-12** Lempert Suction Tube, s/s, with stilette, 200mm, 12FG, 4mm



- 37285-20** Schuknecht Suction Tube, s/s, with stilette, 135mm, 20swg
- 37285-24** Schuknecht Suction Tube, s/s, with stilette, 135mm, 24swg



Ear, Nose and Throat

Suction Tubes



- 37300-16** Verhoeven Suction Tube, s/s, luer, 100mm, 16swg
- 37300-18** Verhoeven Suction Tube, s/s, luer, 100mm, 18swg
- 37300-20** Verhoeven Suction Tube, s/s, luer, 100mm, 20swg
- 37300-22** Verhoeven Suction Tube, s/s, luer, 100mm, 22swg
- 37300-24** Verhoeven Suction Tube, s/s, luer, 100mm, 24swg
- 37300-90** Verhoeven Suction Tube, s/s, luer, 100mm, set of 5

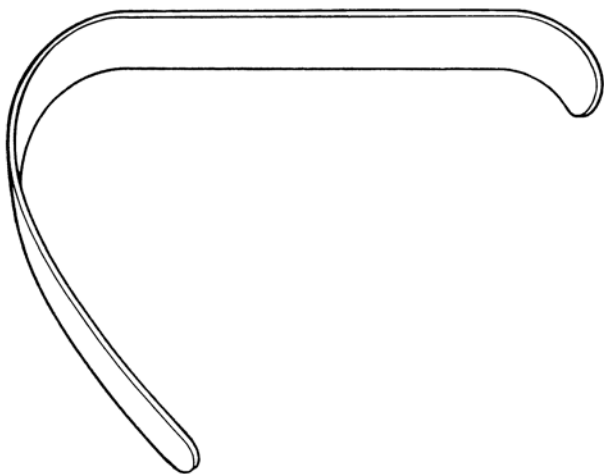


- 37320-17** Zoellner Suction Tube, s/s, tube with stilette, 175mm

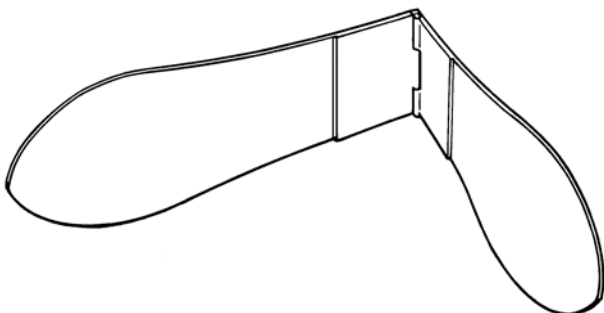
Tongue Depressors



- 37500-18** Slightly Curved Tongue Depressor, tapered, 195mm, 14mm - 22mm
- 37505-15** Slightly Curved Tongue Depressor, parallel, child, 200mm, 15mm
- 37505-20** Slightly Curved Tongue Depressor, parallel, adult, 200mm, 20mm



- 37510-12** Lack Tongue Depressor, child, 12mm
- 37510-19** Lack Tongue Depressor, adolescent, 19mm
- 37510-22** Lack Tongue Depressor, adult, 22mm



- 37520-10** Tobbold Tongue Depressor, folding, concave blades

Tongue Depressors

37530-12 Wythenshawe Tongue Depressor, wire handle, plain blade, 12mm wide x 60mm deep

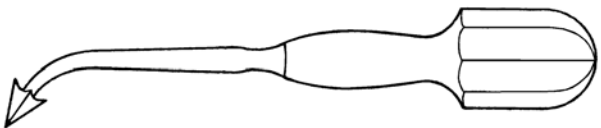


37540-35 Wythenshawe Tongue Depressor, hollow handle, fenestrated blade, 35mm wide x 62mm deep



Trocars

38100-17 Tilley Harpoon Trocar, 170mm



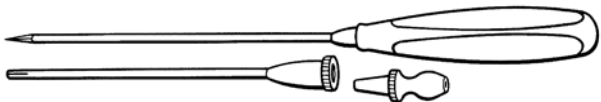
38110-05 Tilley Lichtwitz Trocar, s/s, cannula / tubing mount, luer fitting, 195mm, 5FG

38110-06 Tilley Lichtwitz Trocar, s/s, cannula / tubing mount, luer fitting, 195mm, 6FG

38110-07 Tilley Lichtwitz Trocar, s/s, cannula / tubing mount, luer fitting, 195mm, 7FG

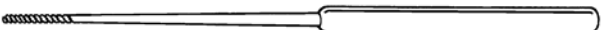
38110-08 Tilley Lichtwitz Trocar, s/s, cannula / tubing mount, luer fitting, 195mm, 8FG

38110-09 Tilley Lichtwitz Trocar, s/s, cannula / tubing mount, luer fitting, 195mm, 9FG



Wool Carriers

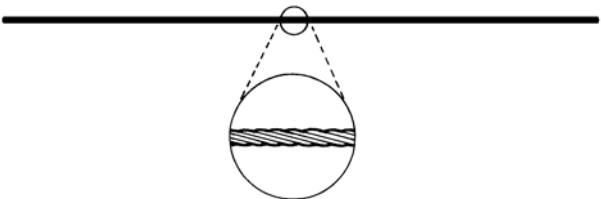
38400-17 Heath Wool Carrier, fine, 170mm



38410-17 Musgrove Wool Carrier, 170mm



38420-15 Tumarkin Wool Carrier, 150mm



Thoracic

Biopsy Punches



41100-09 Abrams Pleural Biopsy Punch, standard, luer lock fitting, 8swg (4.0mm) x 90mm



41100-12 Abrams Pleural Biopsy Punch, long, luer lock fitting, 8swg (4.0mm) x 125mm

Costotomes



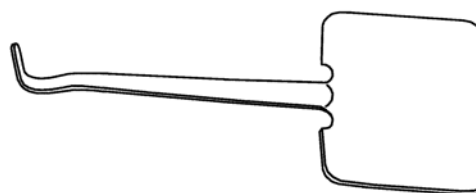
41800-24 Vehmeihen (Tudor Edwards) Costotome, 240mm

Dilators

- 41850-05** DeBakey Vascular Dilator, malleable, 190mm, 0.5mm
- 41850-10** DeBakey Vascular Dilator, malleable, 190mm, 1.0mm
- 41850-15** DeBakey Vascular Dilator, malleable, 190mm, 1.5mm
- 41850-20** DeBakey Vascular Dilator, malleable, 190mm, 2.0mm
- 41850-25** DeBakey Vascular Dilator, malleable, 190mm, 2.5mm
- 41850-30** DeBakey Vascular Dilator, malleable, 190mm, 3.0mm
- 41850-35** DeBakey Vascular Dilator, malleable, 190mm, 3.5mm
- 41850-40** DeBakey Vascular Dilator, malleable, 190mm, 4.0mm
- 41850-45** DeBakey Vascular Dilator, malleable, 190mm, 4.5mm
- 41850-50** DeBakey Vascular Dilator, malleable, 190mm, 5.0mm
- 41850-70** DeBakey Vascular Dilator, malleable, 190mm, 7.0mm
- 41850-90** DeBakey Vascular Dilator, malleable, 190mm, 9.0mm
- 41850-95** DeBakey Vascular Dilator, malleable, 190mm, set of 12

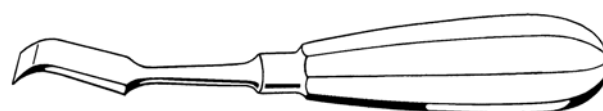


- 41860-10** Hohn Vessel Dilator, for introducing catheters



Elevators

- 42040-12** Tudor Edwards Periosteal Elevator, 175mm, 12mm
- 42040-18** Tudor Edwards Periosteal Elevator, 175mm, 18mm



Hooks

- 42100-24** Blalock Hook, right angled, 240mm



- 42110-03** Cardiac Snare Hook, medium, 3mm dia.

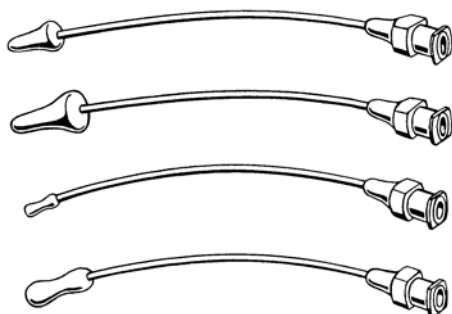


- 42110-05** Cardiac Snare Hook, large, 5mm dia.



Thoracic

Infusion Devices

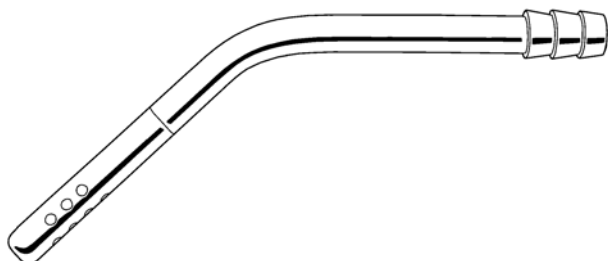


- 42200-10** Tibbs Arterial Cannula, large cone
- 42200-20** Tibbs Arterial Cannula, large olive
- 42200-30** Tibbs Arterial Cannula, small cone
- 42200-40** Tibbs Arterial Cannula, small olive
- 42200-90** Tibbs Arterial Cannula, set of 4



- 42205-10** Tibbs Arterial Cannula, GU pattern, large cone
- 42205-20** Tibbs Arterial Cannula, GU pattern, large olive
- 42205-30** Tibbs Arterial Cannula, GU pattern, small cone
- 42205-40** Tibbs Arterial Cannula, GU pattern, small olive
- 42205-90** Tibbs Arterial Cannula, GU pattern, set of 4

Perfusion

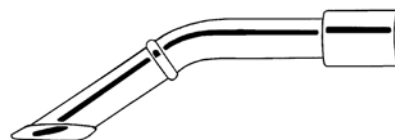


- 42350-40** Baylor Sump Sucker, screw apart, angled 90 degrees, infant, 4.0mm o.d.
- 42350-50** Baylor Sump Sucker, screw apart, angled 90 degrees, child, 5.0mm o.d.
- 42350-60** Baylor Sump Sucker, screw apart, angled 90 degrees, adult, 6.0mm o.d.
- 42351-40** Baylor Sump Sucker, screw apart, angled 45 degrees, infant, 4.0mm o.d.
- 42351-50** Baylor Sump Sucker, screw apart, angled 45 degrees, child, 5.0mm o.d.
- 42351-60** Baylor Sump Sucker, screw apart, angled 45 degrees, adult, 6.0mm o.d.

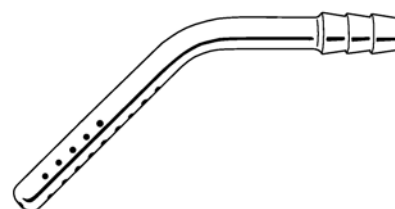


- 42408-40** GOSH Ventricular Vent, cage tip, olive end, 4.0mm (5/32") bore
- 42408-48** GOSH Ventricular Vent, cage tip, olive end, 4.8mm (3/16") bore

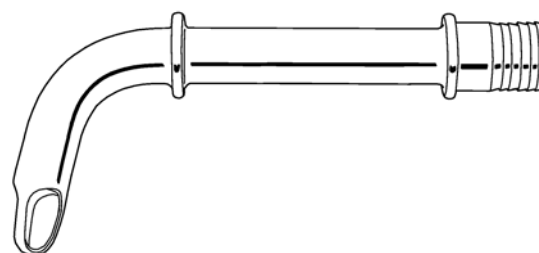
- 42410-25** Iliac Cannula, angled, 2.5mm bore
- 42410-30** Iliac Cannula, angled, 3.0mm bore
- 42410-35** Iliac Cannula, angled, 3.5mm bore
- 42410-40** Iliac Cannula, angled, 4.0mm bore
- 42410-45** Iliac Cannula, angled, 4.5mm bore
- 42410-50** Iliac Cannula, angled, 5.0mm bore
- 42410-55** Iliac Cannula, angled, 5.5mm bore
- 42410-60** Iliac Cannula, angled, 6.0mm bore



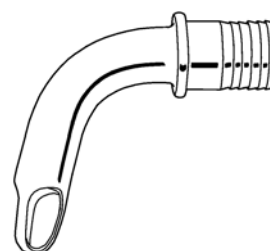
- 42413-40** JS Stark Crooked Vent, 45 degrees, tubing end, 4.0mm o.d.



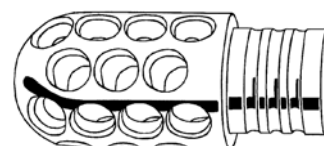
- 42415-30** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 3mm bore
- 42415-40** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 4mm bore
- 42415-50** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 5mm bore
- 42415-60** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 6mm bore
- 42415-70** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 7mm bore
- 42415-80** JS Venous Cannula, cage tip, 80 degrees, long, tubing end, 8mm bore



- 42416-30** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 3mm bore
- 42416-40** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 4mm bore
- 42416-50** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 5mm bore
- 42416-60** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 6mm bore
- 42416-70** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 7mm bore
- 42416-80** JS Venous Cannula, cage tip, 80 degrees, short, tubing end, 8mm bore

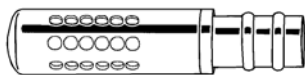


- 42420-12** Ross Atrial Basket, 29mm long, for 12.7mm (1/2") tubing
- 42420-20** Ross Atrial Basket, 29mm long, for 9.5mm (3/8") tubing
- 42420-30** Ross Atrial Basket, 19mm long, for 9.5mm (3/8") tubing
- 42420-40** Ross Atrial Basket, 16mm long, for 6.3mm (1/4") tubing

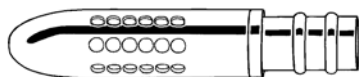


Thoracic

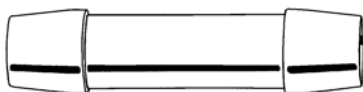
Perfusion



- 42430-10** Ross Sump Sucker, screw apart, adult, 7.5mm o.d., for 4.8mm (3/16\") bore tubing
- 42430-20** Ross Sump Sucker, screw apart, child, 6.5mm o.d., for 4.8mm (3/16\") bore tubing
- 42430-30** Ross Sump Sucker, screw apart, infant, 5.0mm o.d., for 3.2mm (1/8\") bore tubing



- 43440-10** Ross Ventricular Vent, screw apart, adult, 7.5mm o.d., for 4.8mm (3/16\") bore tubing
- 43440-20** Ross Ventricular Vent, screw apart, child, 6.5mm o.d., for 4.8mm (3/16\") bore tubing
- 43440-30** Ross Ventricular Vent, screw apart, infant, 5.0mm o.d., for 3.2mm (1/8\") bore tubing



- 43450-05** Straight Connector, 5mm (3/16\") to 5mm (3/16\"), for heart / lung machine
- 43450-06** Straight Connector, 6mm (1/4\") to 6mm (1/4\"), for heart / lung machine
- 43450-09** Straight Connector, 9mm (3/8\") to 9mm (3/8\"), for heart / lung machine
- 43450-12** Straight Connector, 12mm (1/2\") to 12mm (1/2\"), for heart / lung machine



- 43452-03** Reducing Connector, 6mm (1/4\") to 3mm (1/8\"), for heart / lung machine
- 43452-05** Reducing Connector, 6mm (1/4\") to 5mm (3/16\"), for heart / lung machine
- 43453-06** Reducing Connector, 8mm (5/16\") to 6mm (1/4\"), for heart / lung machine
- 43454-05** Reducing Connector, 9mm (3/8\") to 5mm (3/16\"), for heart / lung machine
- 43454-06** Reducing Connector, 9mm (3/8\") to 6mm (1/4\"), for heart / lung machine
- 43456-06** Reducing Connector, 12mm (1/2\") to 6mm (1/4\"), for heart / lung machine
- 43456-09** Reducing Connector, 12mm (1/2\") to 9mm (3/8\"), for heart / lung machine
- 43458-09** Reducing Connector, 16mm (5/8\") to 9mm (3/8\"), for heart / lung machine

Probes

- 43500-05** Ross Coronary Artery Probe, 100mm, 0.5mm
- 43500-10** Ross Coronary Artery Probe, 100mm, 1.0mm
- 43500-15** Ross Coronary Artery Probe, 100mm, 1.5mm
- 43500-20** Ross Coronary Artery Probe, 100mm, 2.0mm
- 43500-25** Ross Coronary Artery Probe, 100mm, 2.5mm
- 43500-30** Ross Coronary Artery Probe, 100mm, 3.0mm
- 43505-05** Ross Coronary Artery Probe, 150mm, 0.5mm
- 43505-10** Ross Coronary Artery Probe, 150mm, 1.0mm
- 43505-15** Ross Coronary Artery Probe, 150mm, 1.5mm
- 43505-20** Ross Coronary Artery Probe, 150mm, 2.0mm
- 43505-25** Ross Coronary Artery Probe, 150mm, 2.5mm
- 43505-30** Ross Coronary Artery Probe, 150mm, 3.0mm
- 43510-10** Ross Coronary Artery Probe, 200mm, 1.0mm



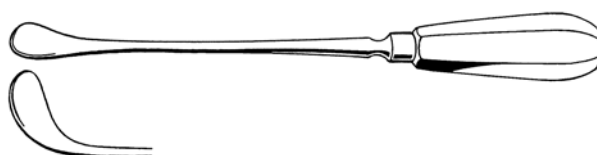
Punches

- 43560-24** Sweet Sternal Punch, adult, 240mm



Raspatories

- 43580-24** Morrision Davies Rib Raspatory, slight curve, 240mm
- 43590-24** Morrision Davies Rib Raspatory, full curve, 240mm



- 43600-20** Price Thomas Rib Raspatory, 20mm wide

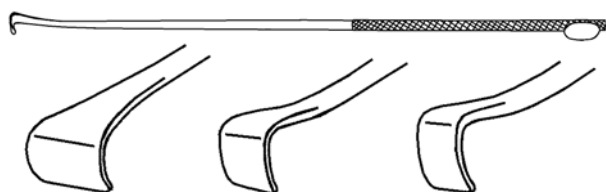


Thoracic

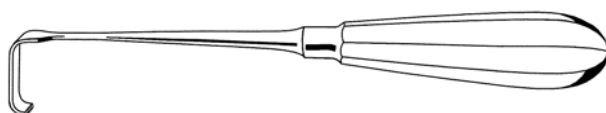
Retractors



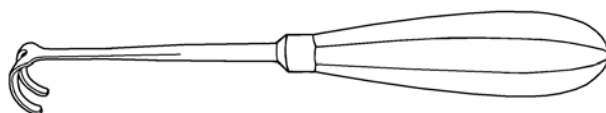
- 43705-10** Aberdeen Spring Retractor, 10mm deep blades, 50mm long, 25mm opening
- 43705-12** Aberdeen Spring Retractor, 12mm deep blades, 63mm long, 25mm opening



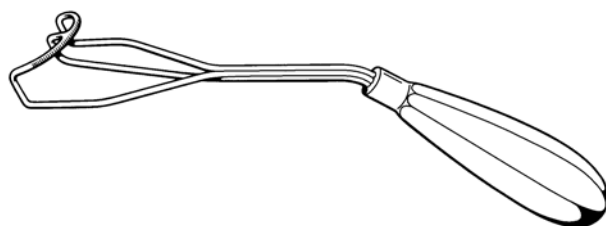
- 43710-05** Blanco Valve Leaflet Retractor, 280mm, 5mm
- 43710-07** Blanco Valve Leaflet Retractor, 280mm, 7mm
- 43710-10** Blanco Valve Leaflet Retractor, 280mm, 10mm
- 43710-90** Blanco Valve Leaflet Retractor, 280mm, set of 3



- 43720-10** Brock Erector Spinae Retractor, hollow handle

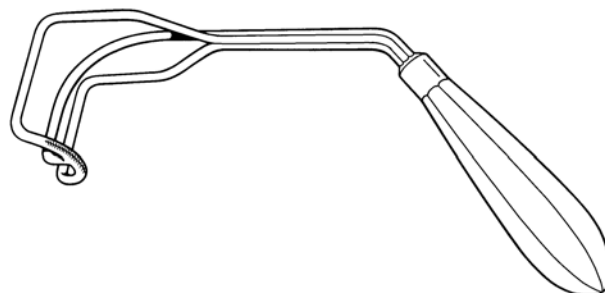


- 43725-10** Brompton Erector Spinae Retractor, open blades



- 43732-10** Cooley Atrial Retractor, left side, 240mm, 45mm wide blade

43732-20 Cooley Atrial Retractor, right side, 240mm, 45mm wide blade



43740-10 Ross Aortic Retractor, No.1, 260mm

43740-20 Ross Aortic Retractor, No.2, 260mm

43740-30 Ross Aortic Retractor, No.3, 260mm

43740-40 Ross Aortic Retractor, No.4, 260mm

43740-50 Ross Aortic Retractor, No.5, 260mm

43740-60 Ross Aortic Retractor, No.6, 260mm

43740-90 Ross Aortic Retractor, set of 6



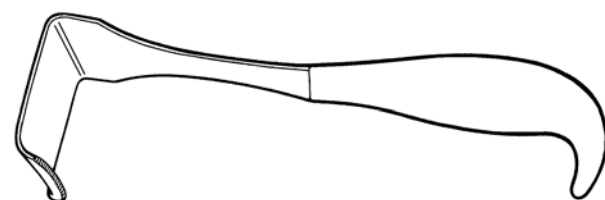
43745-05 Sellors Atrial Retractor, 180mm, 5mm wide

43745-11 Sellors Atrial Retractor, 180mm, 11mm wide

43745-16 Sellors Atrial Retractor, 180mm, 16mm wide



43760-20 Tudor Edwards Scapula Retractor, 200mm, 50mm x 45mm blade



43765-21 GOSH Scapula Retractor, child, 210mm



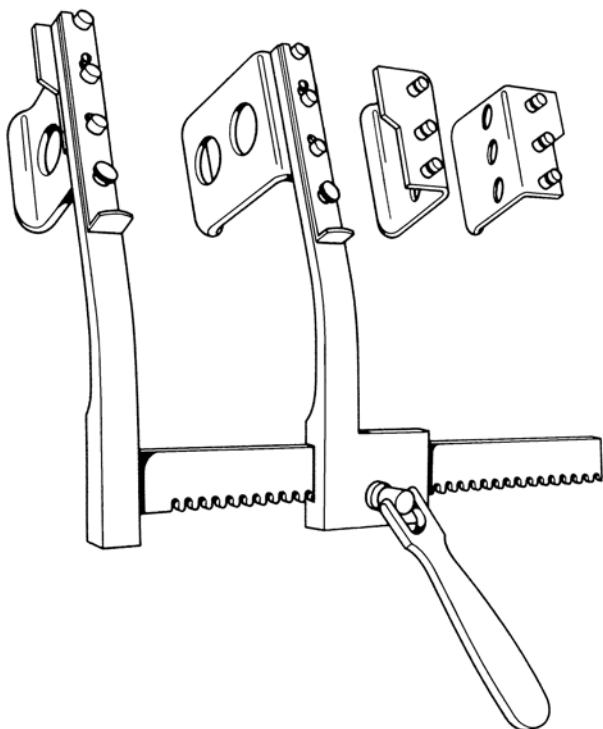
Rib Spreaders

43900-16 Bailey Rib Spreader, 160mm



Thoracic

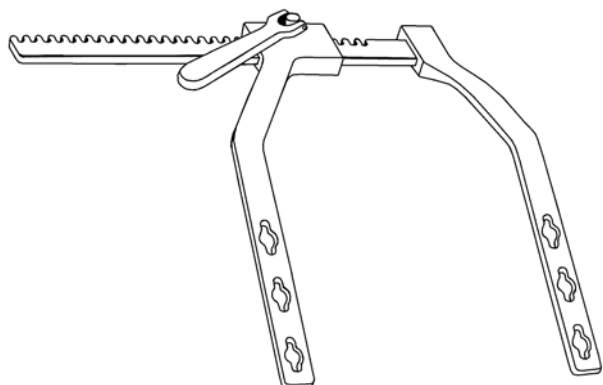
Rib Spreaders



- 43910-10** Burford Rib Spreader, frame only
- 43910-25** Burford Rib Spreader, with 2 pairs of blades, 250mm, 40mm deep x 67mm wide and 80mm deep x 67mm wide
- 43910-40** Burford Rib Spreader, blade only, 40mm deep x 67mm wide, pair
- 43910-70** Burford Rib Spreader, blade only, 70mm deep x 67mm wide, pair
- 43910-80** Burford Rib Spreader, blade only, 80mm deep x 67mm wide, pair
- 43910-95** Burford Rib Spreader, blade only, 95mm deep x 67mm wide, pair

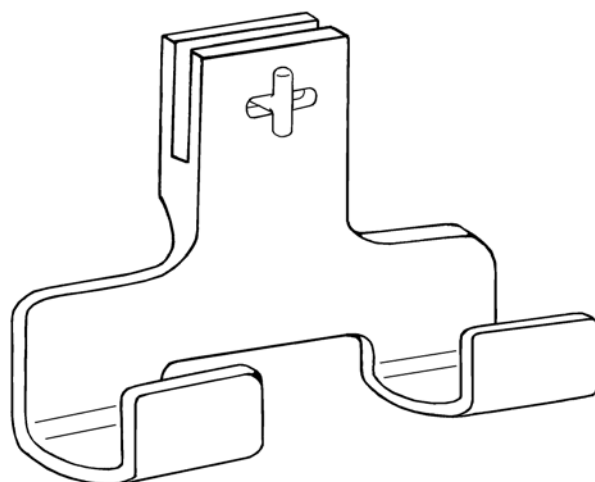


- 43915-10** Carpentier Rib Spreader, adult, lower rack, complete, 2 x 25mm, 2 x 18mm blades
- 43915-20** Carpentier Rib Spreader, adult, upper rack, complete, 2 x 25mm, 2 x 18mm blades



- 43917-20** Collins Rib Spreader, frame only

- 43917-30** Collins Rib Spreader, locking peg only
43917-50 Collins Rib Spreader, blades only, 120mm wide x 38mm deep, with locking pegs, pair



- 43920-18** Finochietto Rib Spreader, 18mm deep x 21mm wide blades
43920-36 Finochietto Rib Spreader, 36mm deep x 45mm wide blades
43920-44 Finochietto Rib Spreader, 44mm deep x 65mm wide blades
43920-45 Finochietto Rib Spreader, 45mm deep x 45mm wide blades
43920-50 Finochietto Rib Spreader, 50mm deep x 60mm wide blades
43920-65 Finochietto Rib Spreader, 65mm deep x 65mm wide blades



- 43921-36** Finochietto Rib Spreader, 36mm deep x 45mm wide blades, GU pattern, square holes in blades

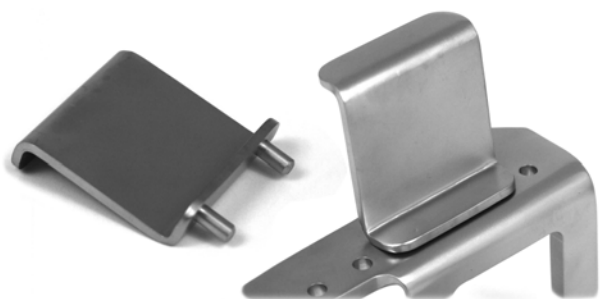


Thoracic

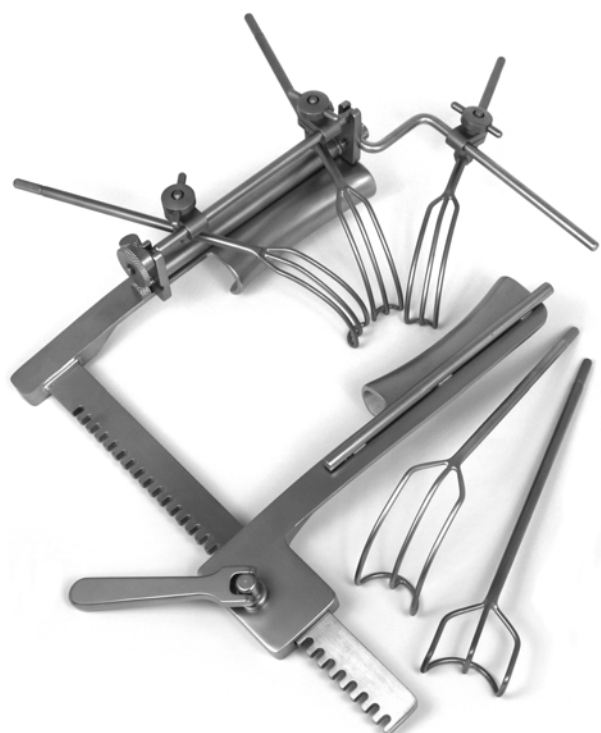
Rib Spreaders



43921-50 Finochietto Rib Spreader, 50mm deep x 60mm wide blades, GU pattern, holes along arms, square holes in blades



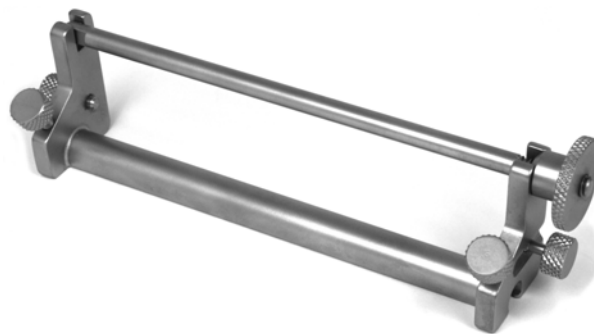
43925-10 Finochietto Rib Spreader, scapula blade only, GU pattern, to fit holes along arms



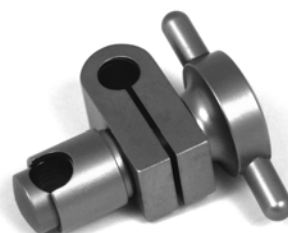
43950-50 Cooley Rib Spreader, adult, 40mm x 110mm blades, complete with Cosgrove mounting bars

43950-90 Cooley Rib Spreader, adult, 40mm x 110mm blades, complete with Cosgrove mitral valve retractor attachment, 5 x blades, 3 x clamp, 1 x side arm

43960-10 Cosgrove Mitral Valve Retractor Attachment, main bracket



43960-20 Cosgrove Mitral Valve Retractor Attachment, universal clamp



43960-30 Cosgrove Mitral Valve Retractor Attachment, side arm bar



43960-50 Cosgrove Mitral Valve Retractor Attachment, tricuspid retractor blade



43960-60 Cosgrove Mitral Valve Retractor Attachment, large retractor blade



43960-70 Cosgrove Mitral Valve Retractor Attachment, small retractor blade

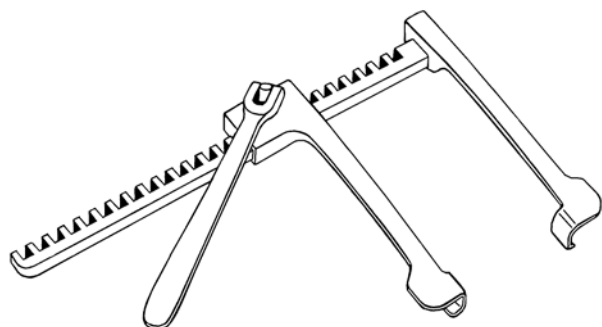


Thoracic

Rib Spreaders



43960-80 Cosgrove Mitral Valve Retractor Attachment, suture bar, for retractor arm



43970-09 Duncan Walker Rib Spreader, neonatal, 9mm deep x 5mm wide blades

43970-12 Duncan Walker Rib Spreader, neonatal, 12mm deep x 7mm wide blades



43990-39 Harkin Rib Spreader, 39mm deep x 78mm wide blades



44000-80 IMA Rib Spreader, standard frame only

44000-85 IMA Rib Spreader, ministernotomy frame only



44000-90 IMA Rib Spreader, complete, standard, 1 x frame, 1 x 100mm long x 20mm wide U shaped blade, 1 x claw blades 28mm and 32mm deep



44000-95 IMA Rib Spreader, complete, ministernotomy, 1 x frame, 1 x 30mm long x 20mm wide U shaped blade, 1 x claw blades 43mm and 50mm deep



44001-28 IMA Rib Spreader, claw blade only, 28mm deep

44001-32 IMA Rib Spreader, claw blade only, 32mm deep

44001-38 IMA Rib Spreader, claw blade only, 38mm deep

44001-43 IMA Rib Spreader, claw blade only, 43mm deep

44001-50 IMA Rib Spreader, claw blade only, 50mm deep



Thoracic

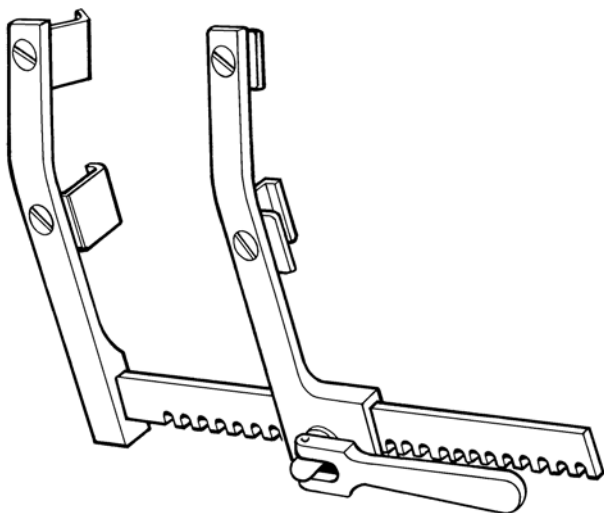
Rib Spreaders



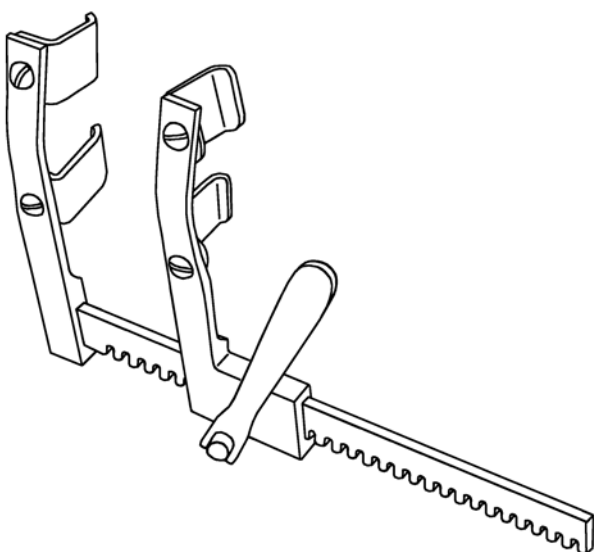
44002-20 IMA Rib Spreader, U shaped blade only, 100mm long x 20mm wide

44002-25 IMA Rib Spreader, U shaped blade only, 100mm long x 25mm wide

44003-20 IMA Rib Spreader, U shaped blade only, 30mm long x 20mm wide

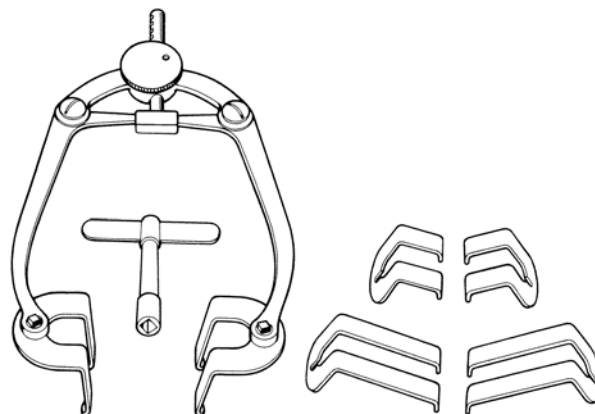


44005-27 Morse-Favaloro Rib Spreader, curved arms 215mm long, swivel blades, 275mm

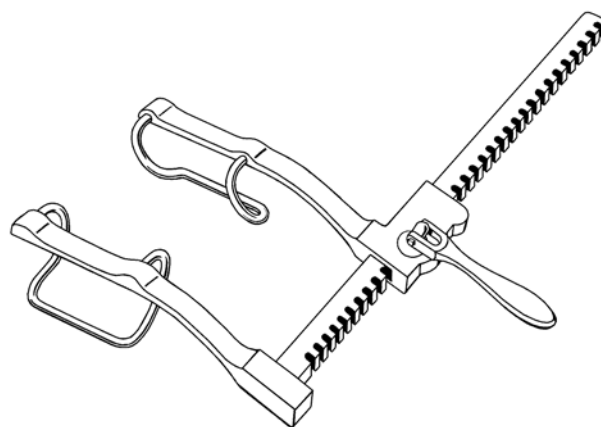


44006-27 Morse-Favaloro Rib Spreader, curved arms 185mm long, swivel blades, 275mm

- 44010-10** Price Thomas Rib Spreader, blade only, 50mm x 40mm, pair
- 44010-20** Price Thomas Rib Spreader, blade only, 50mm x 50mm, pair
- 44010-30** Price Thomas Rib Spreader, blade only, 50mm x 70mm, pair
- 44010-35** Price Thomas Rib Spreader, nut and bolt for blade only
- 44010-40** Price Thomas Rib Spreader, frame only
- 44010-50** Price Thomas Rib Spreader, key only
- 44010-90** Price Thomas Rib Spreader, complete with 3 pairs of blades, key, 250mm, 215mm, 68mm



- 44020-15** Ronald Edwards Rib Spreader, curved arms, fenestrated, child, 150mm, 30mm x 50mm blades
- 44020-24** Ronald Edwards Rib Spreader, curved arms, fenestrated, adult, 245mm, 65mm x 75mm blades

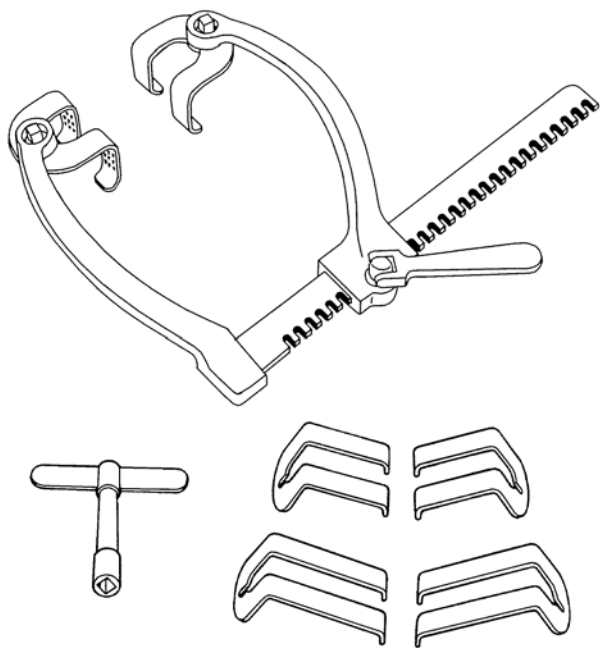


- 44030-20** Sellors Rib Spreader And Approximator Combined, 200mm

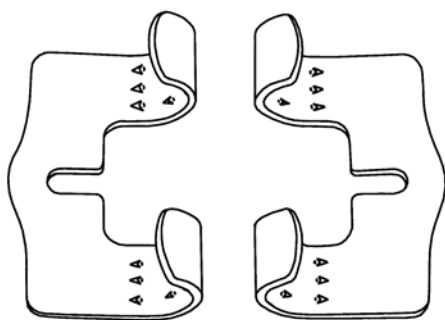


Thoracic

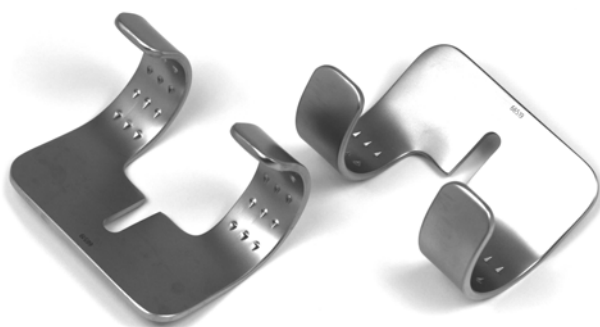
Rib Spreaders



- 44035-10** Sellors Rib Spreader, blade only, 50mm x 40mm, pair
- 44035-20** Sellors Rib Spreader, blade only, 50mm x 50mm, pair
- 44035-30** Sellors Rib Spreader, blade only, 50mm x 70mm, pair
- 44035-35** Sellors Rib Spreader, frame only
- 44035-40** Sellors Rib Spreader, nut and bolt for blade only
- 44035-50** Sellors Rib Spreader, key only
- 44035-90** Sellors Rib Spreader, curved arms, complete, 3 pairs of blades, key

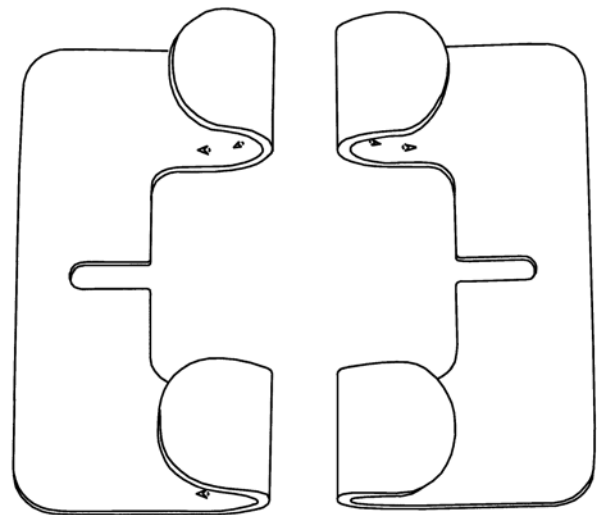


- 44035-60** Sellors Rib Spreader, harefield sternal blade only, 75mm x 30mm, pair

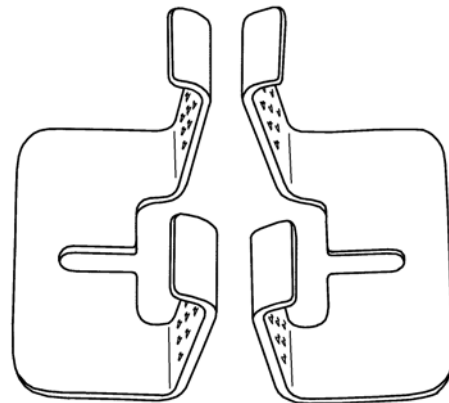


- 44035-65** Sellors Rib Spreader, harefield sternal blade only, 75mm x 45mm, pair

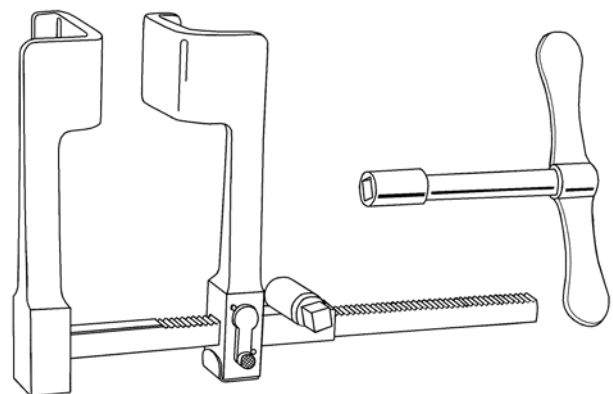
- 44035-70** Sellors Rib Spreader, harefield sternal blade only, 120mm x 30mm, pair



- 44035-80** Sellors Rib Spreader, harefield scapula blade only, 75mm x 70mm, pair

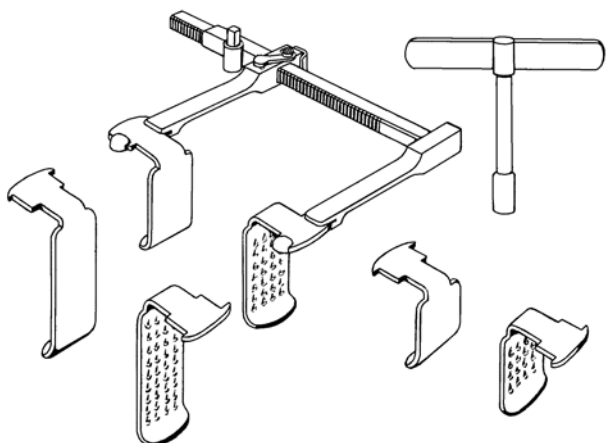


- 44040-25** Tudor Edwards Modified Tuffier Rib Spreader, 25mm wide x 35mm deep blades, c/w key

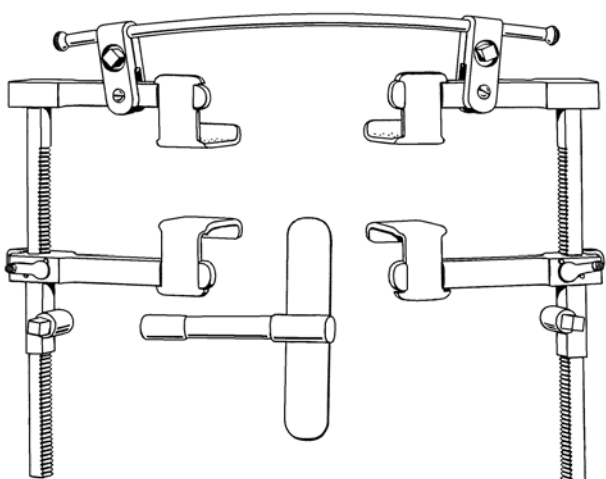


Thoracic

Rib Spreaders

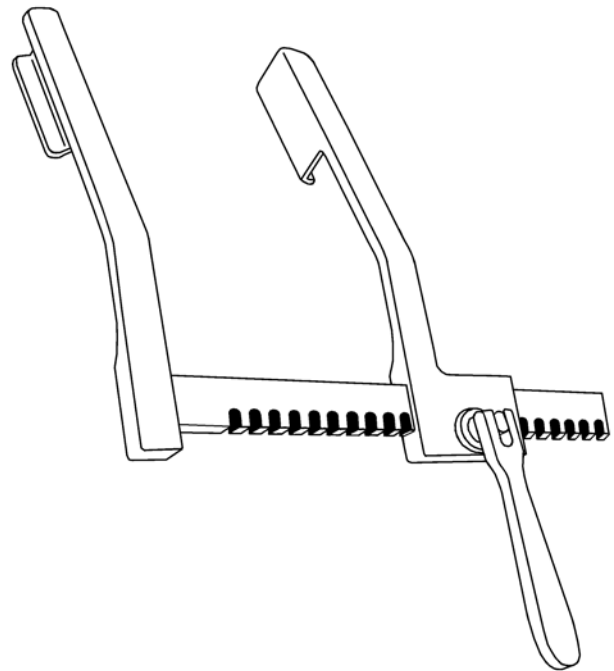


- 44050-10** Tudor Edwards Rib Spreader, blade only, 25mm, pair
- 44050-15** Tudor Edwards Rib Spreader, blade only, 38mm, pair
- 44050-20** Tudor Edwards Rib Spreader, blade only, 50mm, pair
- 44050-30** Tudor Edwards Rib Spreader, blade only, 75mm, pair
- 44050-40** Tudor Edwards Rib Spreader, frame only, right hand
- 44050-45** Tudor Edwards Rib Spreader, frame only, left hand
- 44050-50** Tudor Edwards Rib Spreader, key only
- 44050-90** Tudor Edwards Rib Spreader, complete, right hand, 2 x 25mm, 2 x 50mm, 2 x 75mm blades, key
- 44050-95** Tudor Edwards Rib Spreader, complete, left hand, 2 x 25mm, 2 x 50mm, 2 x 75mm blades, key

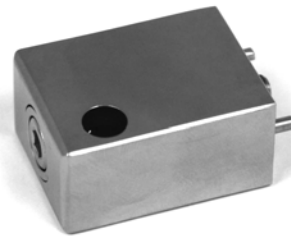


- 44055-40** Tudor Edwards Double Rib Spreader, frame only, right hand, c/w connecting bar clamp
- 44055-45** Tudor Edwards Double Rib Spreader, frame only, left hand, c/w connecting bar clamp
- 44055-60** Tudor Edwards Double Rib Spreader, connecting bar only
- 44055-90** Tudor Edwards Double Rib Spreader, complete, 4 x 25mm, 4 x 50mm, 4 x 75mm blades, 2 x keys

44070-20 Papworth Rib Spreader, 25mm x 65mm blades, 205mm spread



44080-10 Wells Rib Spreader, pillar clamp



44080-15 Wells Rib Spreader, ball clamp



44080-20 Wells Rib Spreader, mounting bar



Thoracic

Rib Spreaders



44080-30 Wells Rib Spreader, T handled hexagon key, large, 5/32", for clamps

44080-35 Wells Rib Spreader, T handled hexagon key, small, 3mm, for blades



44080-50 Wells Rib Spreader, tricuspid rake retractor on shaft



44080-55 Wells Rib Spreader, large rake retractor on shaft

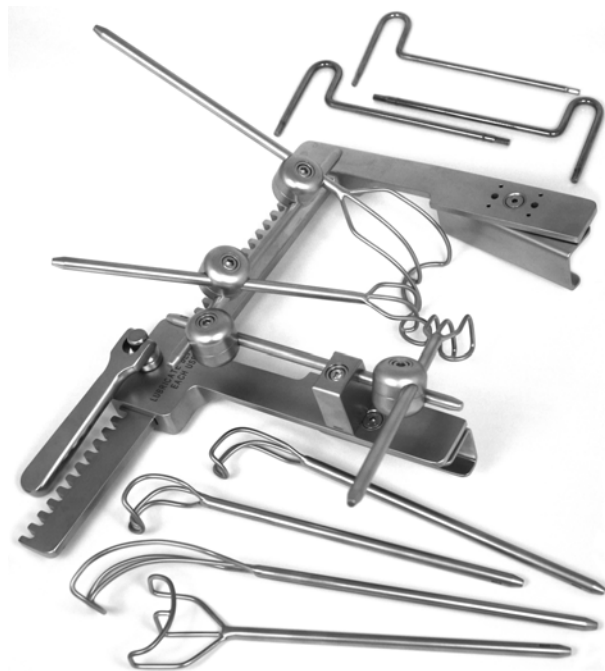


44080-60 Wells Rib Spreader, medium rake retractor on shaft

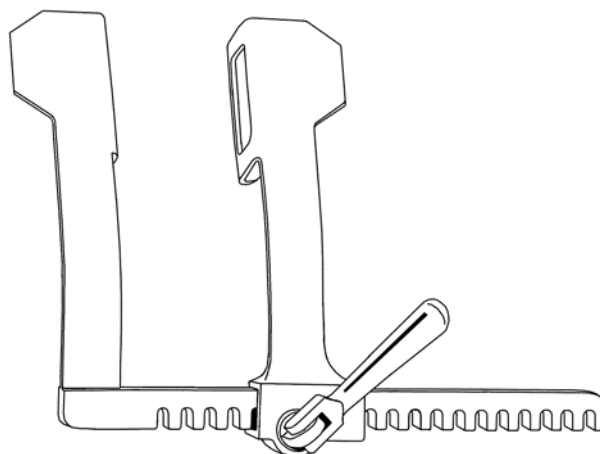


44080-65 Wells Rib Spreader, small rake retractor on shaft

- 44080-80** Wells Rib Spreader, frame only, 90mm wide x 25mm deep blades
- 44080-90** Wells Rib Spreader, complete, frame, pillar clamp, 4 x ball clamps, 2 x mounting bars, hex keys, 1 x tricuspid rake ret, 2 x sm, med & lrg rake ret

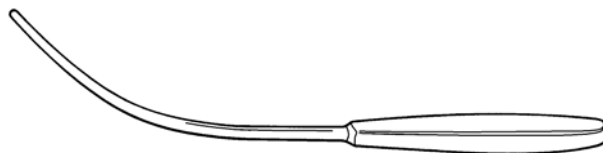


- 44090-90** Waterston Rib Spreader, infant, 40mm wide x 20mm deep blades



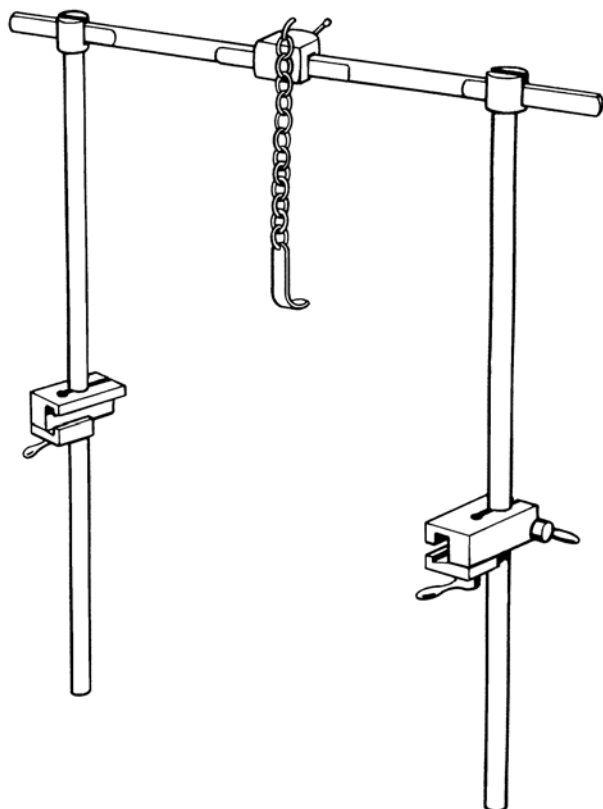
Sounds

- 44380-05** Brock Cardiac Sound, 260mm, 5.0mm
- 44380-07** Brock Cardiac Sound, 260mm, 7.5mm
- 44380-10** Brock Cardiac Sound, 260mm, 10.0mm
- 44380-12** Brock Cardiac Sound, 260mm, 12.0mm
- 44380-90** Brock Cardiac Sound, set of 4

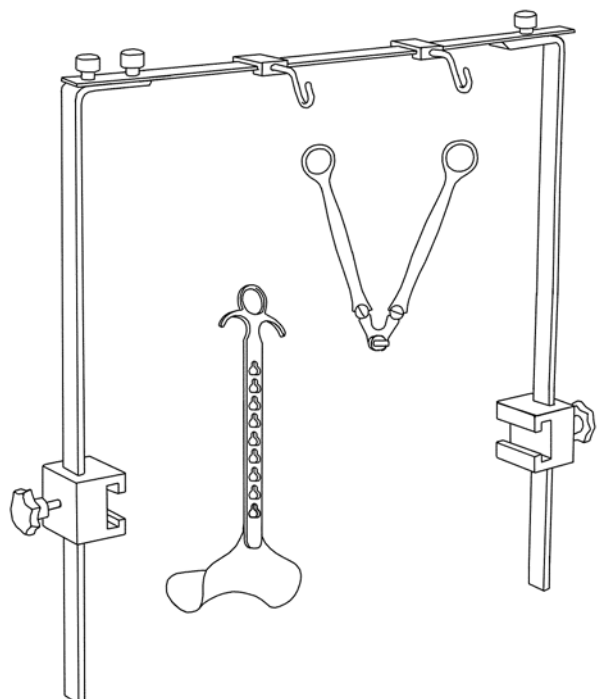


Thoracic

Sternal Lifting Retractors



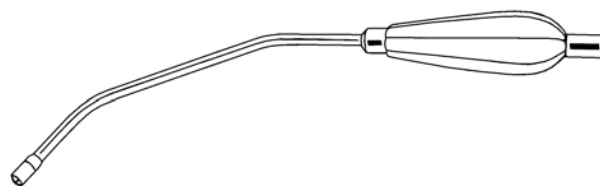
- 44400-16** Goligher Sternal Lifting Retractor, 16mm wide blade with 600mm long chain only
- 44400-25** Goligher Sternal Lifting Retractor, 25mm wide blade with 600mm long chain only
- 44400-38** Goligher Sternal Lifting Retractor, 38mm wide blade with 600mm long chain only
- 44400-50** Goligher Sternal Lifting Retractor, 50mm wide blade with 600mm long chain only
- 44400-60** Goligher Sternal Lifting Retractor, frame only
- 44400-70** Goligher Sternal Lifting Retractor, table clamp only, left hand
- 44400-75** Goligher Sternal Lifting Retractor, table clamp only, right hand
- 44400-80** Goligher Sternal Lifting Retractor, top clamp only
- 44400-90** Goligher Sternal Lifting Retractor, complete, 2 x table clamps, 1 x top clamp, 2 x 16mm wide blade and chain



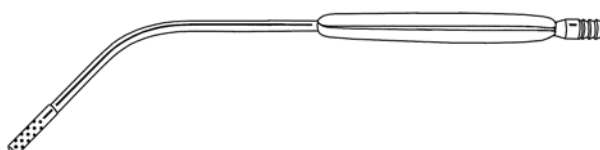
- 44410-09** Rochard Sternal Lifting Retractor, blade 'A' only, 50mm x 90mm
- 44410-10** Rochard Sternal Lifting Retractor, blade 'B' only, 50mm x 105mm
- 44410-12** Rochard Sternal Lifting Retractor, blade 'C' only, 50mm x 120mm
- 44410-13** Rochard Sternal Lifting Retractor, blade 'D' only, 50mm x 135mm
- 44410-15** Rochard Sternal Lifting Retractor, blade 'E' only, 50mm x 155mm
- 44410-50** Rochard Sternal Lifting Retractor, fixation device only
- 44410-60** Rochard Sternal Lifting Retractor, frame only
- 44410-80** Rochard Sternal Lifting Retractor, top clamp only
- 44410-90** Rochard Sternal Lifting Retractor, complete, 5 x blades, 1 x fixation device, 1 x frame, 2 x top clamps, 2 x universal table clamps

Suction Tubes

- 44470-10** Brompton Hospital Suction Tube, adult, 6.3mm (1/4") o.d., for 9.5mm (3/8") tubing
- 44470-15** Brompton Hospital Suction Tube, adult, 7.9mm (5/16") o.d., for 9.5mm (3/8") tubing
- 44470-20** Brompton Hospital Suction Tube, child, 4.8mm (3/16") o.d., for 6.5mm (1/4") tubing
- 44470-50** Brompton Hospital Suction Tube, spare tip only, adult, 6.3mm (1/4") o.d.
- 44470-55** Brompton Hospital Suction Tube, spare tip only, adult, 7.9mm (5/16") o.d.
- 44470-60** Brompton Hospital Suction Tube, spare tip only, child, 4.8mm (3/16") o.d.



- 44470-30** Brompton Hospital Suction Tube, paediatric, 4.8mm (3/16") o.d., for 6.5mm (1/4") tubing
- 44470-70** Brompton Hospital Suction Tube, spare tip only, paediatric, 4.8mm (3/16") o.d.



- 44475-25** Froeschle Suction Tube, s/s, 250mm



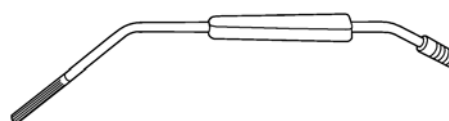
- 44475-30** Froeschle Suction Tube, s/s, 300mm



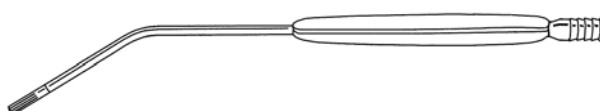
- 44475-45** Froeschle Suction Tube, s/s, 450mm



- 44487-10** Sarns Suction Tube, small, tube only, 210mm
- 44487-50** Sarns Suction Tube, small, tip only, 4.5mm dia. x 45mm long
- 44487-90** Sarns Suction Tube, small, complete with 4.5mm dia. tip



- 44490-10** Southampton Western Hospital Suction Tube, paediatric, 3.3mm (1/8") o.d., for 6.5mm (1/4") tubing



Various

- 49010-16** Moffat Cannula, angled, luer lock, 16swg (1.6mm) x 50mm

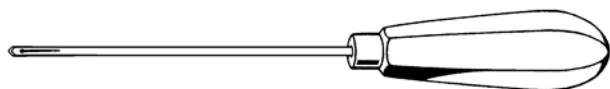


Orthopaedic

Bone Awls



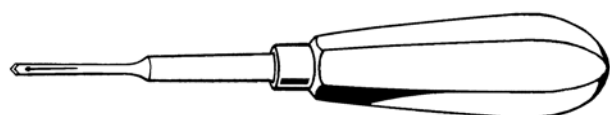
- 50850-20** Bankart Grooved Bone Awl, 2.0mm diameter
- 50850-32** Bankart Grooved Bone Awl, 3.2mm diameter
- 50850-36** Bankart Grooved Bone Awl, 3.6mm diameter
- 50850-40** Bankart Grooved Bone Awl, 4.0mm diameter



- 50900-20** Plain Bone Awl, straight with eye, 2.0mm diameter, 170mm
- 50900-25** Plain Bone Awl, straight with eye, 2.5mm diameter, 170mm
- 50900-30** Plain Bone Awl, straight with eye, 3.0mm diameter, 170mm
- 50900-40** Plain Bone Awl, straight with eye, 4.0mm diameter, 170mm



- 50950-18** Charnley Bone Awl, 180mm

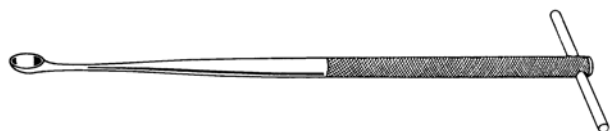


- 51000-20** Shouldered Bone Awl, straight with eye, 2.0mm diameter, 125mm
- 51000-24** Shouldered Bone Awl, straight with eye, 2.4mm diameter, 130mm
- 51000-28** Shouldered Bone Awl, straight with eye, 2.8mm diameter, 145mm
- 51000-32** Shouldered Bone Awl, straight with eye, 3.2mm diameter, 160mm
- 51000-36** Shouldered Bone Awl, straight with eye, 3.6mm diameter, 165mm
- 51000-40** Shouldered Bone Awl, straight with eye, 4.0mm diameter, 175mm

Bone Curettes



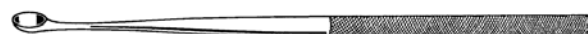
- 51110-37** Charnley Ring Curette, with T handle, double sided, serrated cutting edges, 370mm



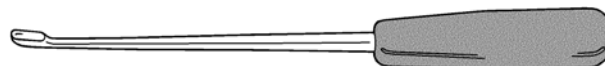
- 51120-10** Charnley Bone Curette, with T handle, large, 22mm x 16mm, 370mm
- 51120-20** Charnley Bone Curette, with T handle, medium, 17mm x 13mm, 370mm
- 51120-30** Charnley Bone Curette, with T handle, small, 14mm x 11mm, 370mm

Bone Curettes

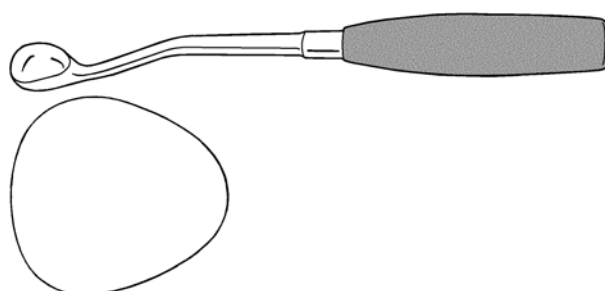
- 51122-10** Charnley Bone Curette, without T handle, large, 22mm x 16mm, 370mm
- 51122-20** Charnley Bone Curette, without T handle, medium, 17mm x 13mm, 370mm
- 51122-30** Charnley Bone Curette, without T handle, small, 14mm x 11mm, 370mm



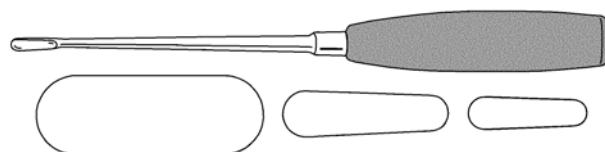
- 51124-22** Harris Bone Curette, acetal handle, 275mm, 6mm x 22mm
- 51124-24** Harris Bone Curette, acetal handle, 275mm, 8mm x 24mm



- 51125-29** Miller Acetabular Bone Curette, tufnol handle, cranked shaft, triangular bowl, 26mm x 29mm, 290mm



- 51126-10** Tufnol Handled Bone Curette, large, 290mm
- 51126-20** Tufnol Handled Bone Curette, medium, 290mm
- 51126-30** Tufnol Handled Bone Curette, small, 290mm



- 51128-12** Serrated Acetabular Scraping Bone Curette, tufnol handle, 12mm x 9mm, 270mm



Bone Hooks

- 51500-10** Kocher Bone Hook, sharp, 250mm
- 51502-10** Kocher Bone Hook, blunt, 250mm

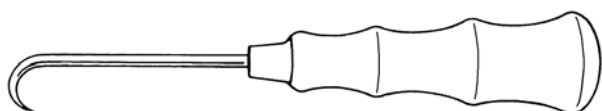


- 51510-21** Langenbeck Bone Hook, blunt, 215mm
- 51512-21** Langenbeck Bone Hook, sharp, 215mm



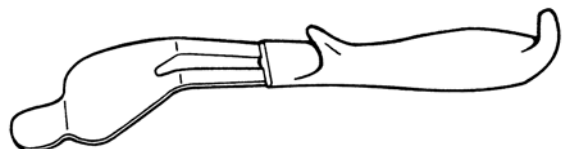
Orthopaedic

Bone Hooks

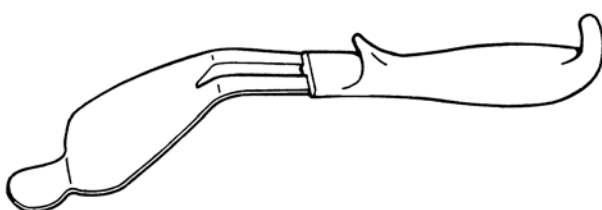


51520-14 Harrison Bone Hook, sharp, aluminium handle, 140mm

Bone Levers



51610-44 Bennett 'Cobra' Bone Lever, small, 44mm at widest point, 240mm



51610-57 Bennett 'Cobra' Bone Lever, large, 57mm at widest point, 240mm

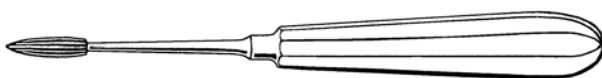


51645-32 Lane Bone Lever, Retractor And Guard, combined, 320mm



51651-33 Murphy Skid, insulated, 330mm

Burs



51800-35 Paton Bur, 165mm, 3.5mm diameter
51800-40 Paton Bur, 165mm, 4.0mm diameter
51800-45 Paton Bur, 165mm, 4.5mm diameter
51800-50 Paton Bur, 165mm, 5.0mm diameter

Chisels

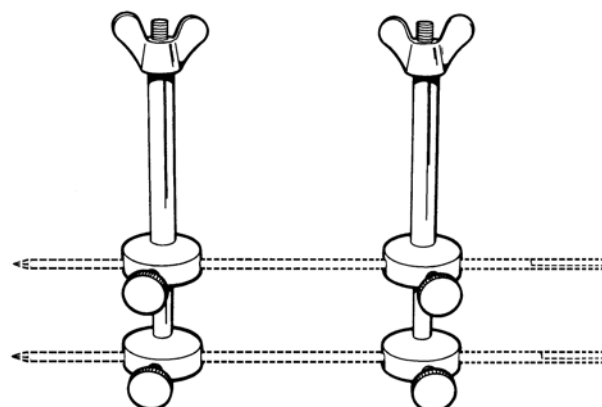


52105-05 French Chisel, hard edge, 5mm
52105-07 French Chisel, hard edge, 7mm
52105-09 French Chisel, hard edge, 9mm
52105-11 French Chisel, hard edge, 11mm

Compression Clamps

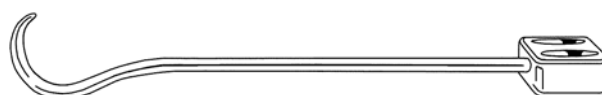
52180-40 Charnley Compression Clamp, to take 4mm pins, pair

52180-50 Charnley Compression Clamp, to take 5mm pins, pair



Dislocating Hooks

52200-10 Wroblewski Dislocating Hook, to hook around the neck of the femur

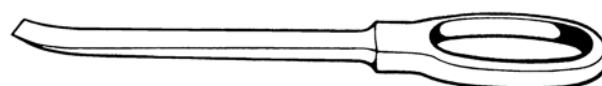


52210-25 McMinn Dislocating Hook, to hook around the neck of the femur, 250mm



Elevators

52400-23 Bristow Periosteal Elevator, sharp, 230mm



52420-12 Posterior Glenoid Elevator, 12.5mm, 280mm



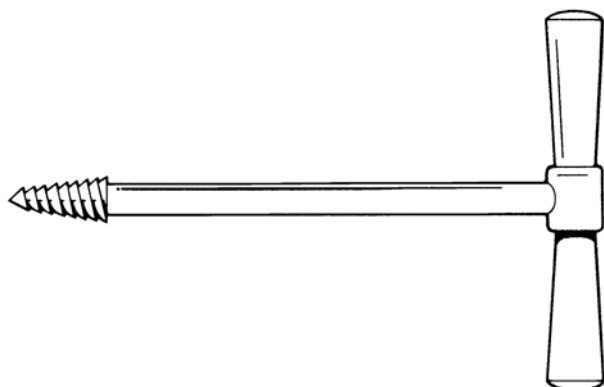
52420-19 Posterior Glenoid Elevator, 19.0mm, 280mm



52430-13 Harold Wood Elevator, 130mm



Extractors

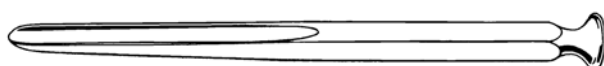


52450-20 Moore Femoral Head Extractor, with T handle, 205mm



52460-12 Calder Metatarsal Head Extractor, with T handle, 120mm

Gouges



52550-04 Alexander Mastoid Gouge, hard edge, length 155mm, 4mm

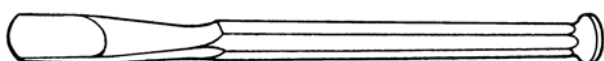
52550-06 Alexander Mastoid Gouge, hard edge, length 155mm, 6mm

52550-08 Alexander Mastoid Gouge, hard edge, length 155mm, 8mm

52550-10 Alexander Mastoid Gouge, hard edge, length 155mm, 10mm

52550-12 Alexander Mastoid Gouge, hard edge, length 155mm, 12mm

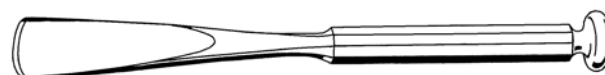
52550-14 Alexander Mastoid Gouge, hard edge, length 155mm, 14mm



52600-30 Charnley Gouge, length 300mm

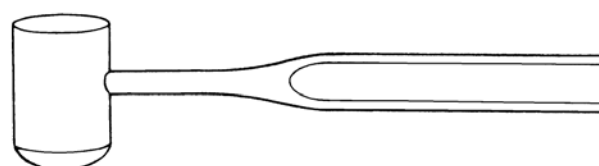
Gouges

- 52630-06** Swedish Gouge, straight, length 200mm, 6mm
- 52630-08** Swedish Gouge, straight, length 200mm, 8mm
- 52630-10** Swedish Gouge, straight, length 200mm, 10mm
- 52630-12** Swedish Gouge, straight, length 200mm, 12mm
- 52630-15** Swedish Gouge, straight, length 200mm, 15mm
- 52630-20** Swedish Gouge, straight, length 200mm, 20mm
- 52630-25** Swedish Gouge, straight, length 200mm, 25mm
- 52630-30** Swedish Gouge, straight, length 200mm, 30mm



Mallets

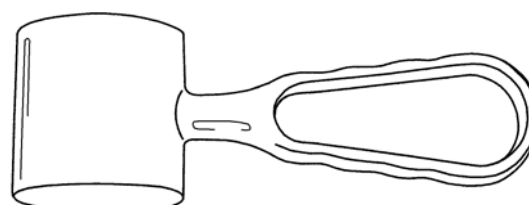
- 53300-06** Cottle Mallet, s/s, 170g (6oz)



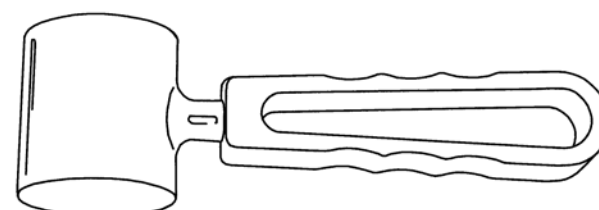
- 53305-05** Dental Weight Mallet, s/s, 130g (5oz)



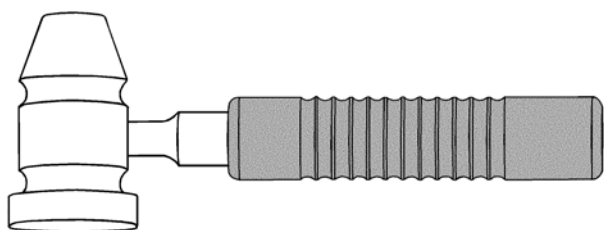
- 53310-18** Heath Mallet, copper head, 510g (18oz)
- 53310-28** Heath Mallet, copper head, 795g (28oz)
- 53310-32** Heath Mallet, copper head, 905g (32oz)
- 53310-36** Heath Mallet, copper head, 1020g (36oz)



- 53311-18** Heath Mallet, s/s head, 510g (18oz)
- 53311-28** Heath Mallet, s/s head, 795g (28oz)
- 53311-32** Heath Mallet, s/s head, 905g (32oz)
- 53311-36** Heath Mallet, s/s head, 1020g (36oz)

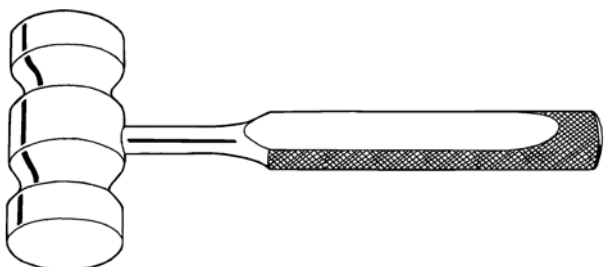


Mallets



53315-14 Jamieson Mallet, s/s head and shaft, tufnol handle, 400g (14oz)

53315-27 Jamieson Mallet, s/s head and shaft, tufnol handle, 750g (27oz)



53317-16 London Splint Mallet, s/s, 450g (16oz)

53317-32 London Splint Mallet, s/s, 905g (32oz)



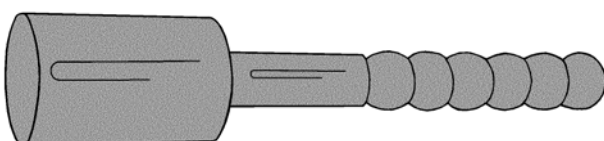
53320-08 Serrated One End Mallet, s/s, s/s handle, 200mm, 225g (8oz)



53321-07 Serrated One End Mallet, s/s, tufnol handle, 185mm, 200g (7oz)

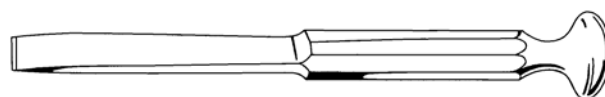


53330-10 Tufnol Mallet, barrel shaped, 500g (18oz)

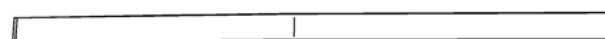


53340-18 Tufnol Mallet, stonemason pattern, 500g (18oz)

- 53515-10** MacEwen Osteotome, toughened cutting edge, 190mm, 10mm
- 53515-13** MacEwen Osteotome, toughened cutting edge, 190mm, 13mm
- 53515-20** MacEwen Osteotome, toughened cutting edge, 190mm, 20mm
- 53515-25** MacEwen Osteotome, toughened cutting edge, 190mm, 25mm
- 53515-30** MacEwen Osteotome, toughened cutting edge, 190mm, 30mm



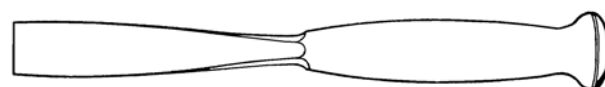
- 53518-02** Lambotte Mini Osteotome, straight, 140mm, 2mm
- 53518-03** Lambotte Mini Osteotome, straight, 140mm, 3mm
- 53518-04** Lambotte Mini Osteotome, straight, 140mm, 4mm
- 53518-05** Lambotte Mini Osteotome, straight, 140mm, 5mm
- 53518-06** Lambotte Mini Osteotome, straight, 140mm, 6mm
- 53518-07** Lambotte Mini Osteotome, straight, 140mm, 7mm
- 53518-08** Lambotte Mini Osteotome, straight, 140mm, 8mm
- 53518-09** Lambotte Mini Osteotome, straight, 140mm, 9mm
- 53518-10** Lambotte Mini Osteotome, straight, 140mm, 10mm
- 53518-11** Lambotte Mini Osteotome, straight, 140mm, 11mm
- 53518-12** Lambotte Mini Osteotome, straight, 140mm, 12mm



- 53520-10** Smith-Petersen Osteotome, curved, toughened cutting edge, 200mm, 10mm
- 53520-15** Smith-Petersen Osteotome, curved, toughened cutting edge, 200mm, 15mm
- 53520-20** Smith-Petersen Osteotome, curved, toughened cutting edge, 200mm, 20mm
- 53520-25** Smith-Petersen Osteotome, curved, toughened cutting edge, 200mm, 25mm
- 53520-30** Smith-Petersen Osteotome, curved, toughened cutting edge, 200mm, 30mm



- 53530-10** Smith-Petersen Osteotome, straight, toughened cutting edge, 200mm, 10mm
- 53530-15** Smith-Petersen Osteotome, straight, toughened cutting edge, 200mm, 15mm
- 53530-20** Smith-Petersen Osteotome, straight, toughened cutting edge, 200mm, 20mm
- 53530-25** Smith-Petersen Osteotome, straight, toughened cutting edge, 200mm, 25mm
- 53530-30** Smith-Petersen Osteotome, straight, toughened cutting edge, 200mm, 30mm



Osteotomes

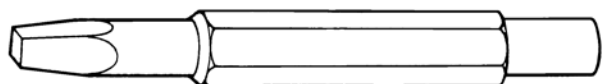


- 53535-02** Octagonal Handled Osteotome, length 155mm, 2mm
- 53535-03** Octagonal Handled Osteotome, length 155mm, 3mm
- 53535-04** Octagonal Handled Osteotome, length 155mm, 4mm
- 53535-05** Octagonal Handled Osteotome, length 155mm, 5mm
- 53535-06** Octagonal Handled Osteotome, length 155mm, 6mm
- 53535-07** Octagonal Handled Osteotome, length 155mm, 7mm
- 53535-08** Octagonal Handled Osteotome, length 155mm, 8mm
- 53535-09** Octagonal Handled Osteotome, length 155mm, 9mm
- 53535-10** Octagonal Handled Osteotome, length 155mm, 10mm
- 53535-11** Octagonal Handled Osteotome, length 155mm, 11mm
- 53535-12** Octagonal Handled Osteotome, length 155mm, 12mm



- 53550-30** Moore Hollow Osteotome, rectangular, for preparation of the femoral neck stump prior to insertion of the rasp, 210mm, 30mm x 11mm external

Punches



- 53790-13** Fleming Bone Graft Punch, 130mm



- 53800-10** McGoey Punch, double ended, No.1, 19mm x 13mm



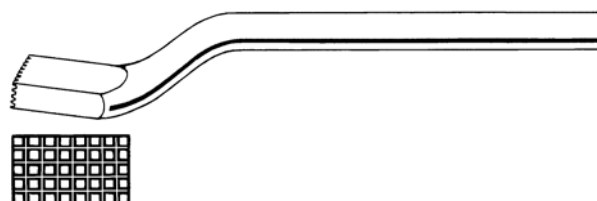
- 53800-20** McGoey Punch, double ended, No.2, 10mm x 6mm



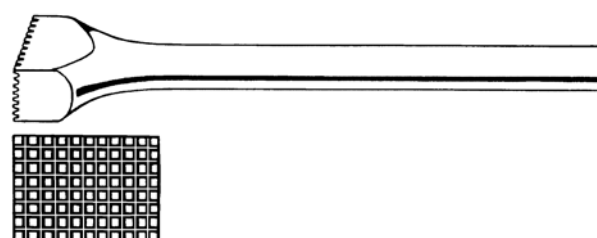
- 53800-30** McGoey Punch, double ended, No.3, 13mm x 6mm with flats

Punches

53810-10 Smillie Punch, angled



53820-10 Smillie Punch, straight



Raspatories

53860-18 St.Thomas Hospital Raspatory, pointed end, 180mm

53870-18 St.Thomas Hospital Raspatory, rounded end, 180mm

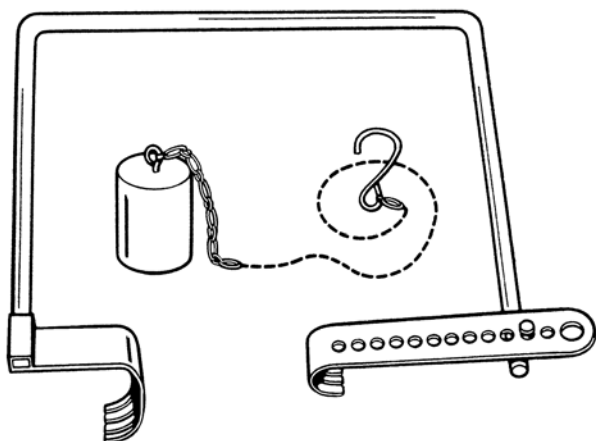


Retractors

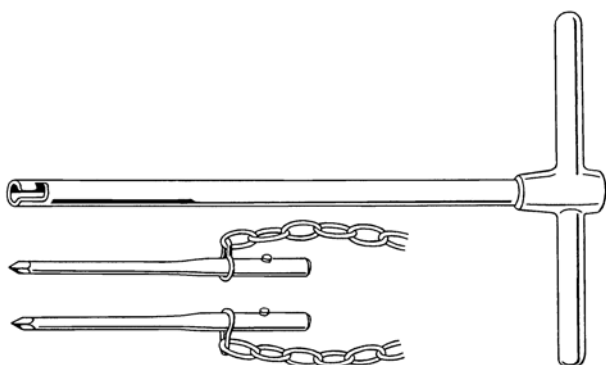
53990-45 Browne-Deltoid Retractor, 45mm wide, 290mm



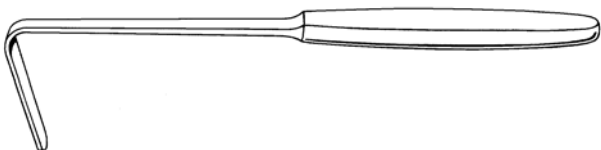
Retractors



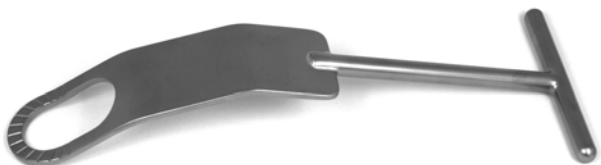
- 54000-10** Charnley Initial Incision Retractor, frame only
- 54000-20** Charnley Initial Incision Retractor, weight and chain with hooks only
- 54000-30** Charnley Initial Incision Retractor, weight only
- 54000-40** Charnley Initial Incision Retractor, chain with hooks only
- 54000-50** Charnley Initial Incision Retractor, blade with square fitting only, standard, 50mm
- 54000-55** Charnley Initial Incision Retractor, blade with square fitting only, extra deep, 75mm
- 54000-57** Charnley Initial Incision Retractor, blade with square fitting only, extra extra deep, 100mm
- 54000-60** Charnley Initial Incision Retractor, blade with round fitting only, standard, 40mm
- 54000-65** Charnley Initial Incision Retractor, blade with round fitting only, extra deep, 75mm
- 54000-67** Charnley Initial Incision Retractor, blade with round fitting only, extra extra deep, 100mm
- 54000-80** Charnley Initial Incision Retractor, complete, standard, without weight and chain, 305mm
- 54000-90** Charnley Initial Incision Retractor, complete, standard, with weight and chain, 305mm
- 54000-95** Charnley Initial Incision Retractor, complete, extra deep, with weight and chain, 305mm



- 54005-10** Charnley Pin Retractor, T handle only, 210mm
- 54005-50** Charnley Pin Retractor, pins only, 105mm, pair, connected by 410mm long chain
- 54005-60** Charnley Pin Retractor, pins only, 200mm, pair, connected by 410mm long chain
- 54005-90** Charnley Pin Retractor, complete, T handle and pair of 105mm pins connected by chain



- 54010-21** Charnley Knee Retractor, 200mm, 50mm x 6mm blade

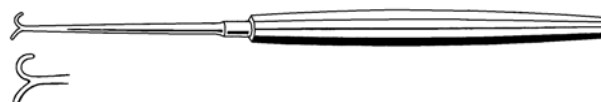


- 54015-35** Fukuda Humeral Head Retractor, 35mm wide blade, 40mm x 23mm opening

54045-10 McLardy-Smith Spike Retractor



54050-10 Rowe Boat Hook Retractor

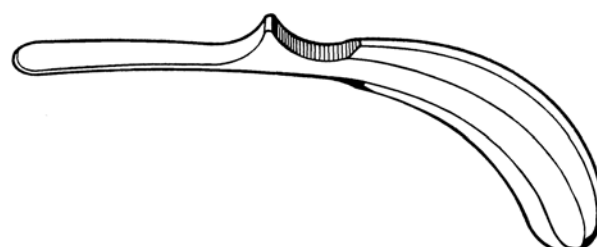


54070-17 Superior Humeral Head Retractor, 170mm



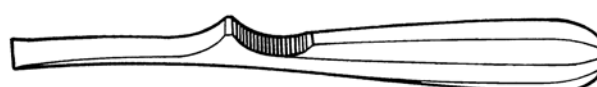
Rugines

54340-18 Jones Rugine, pistol handle, fan shape, 185mm



54350-10 Mitchell Rugine, hollow handle, fan shaped, straight sharp edge, 190mm

54350-20 Mitchell Rugine, hollow handle, fan shaped, half round sharp edge, 190mm



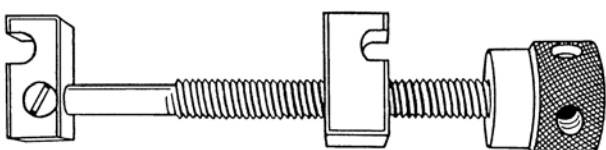
Orthopaedic

Saws



- 54380-30** Charnley Saw, extra flexible, heavyweight, with s/s ferrule, 300mm
- 54380-40** Charnley Saw, extra flexible, heavyweight, with s/s ferrule, 400mm
- 54380-50** Charnley Saw, extra flexible, heavyweight, with s/s ferrule, 500mm

Screw Jacks

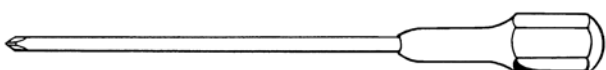


- 54450-10** Charnley Screw Jack, for horizontal retractor

Screwdrivers

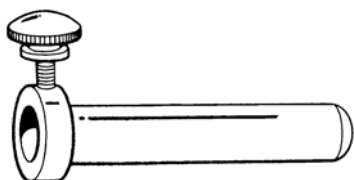


- 54500-04** Lane Screwdriver, for single slot screws, hollow handle, 280mm, 4mm wide
- 54500-05** Lane Screwdriver, for single slot screws, hollow handle, 280mm, 5mm wide
- 54500-06** Lane Screwdriver, for single slot screws, hollow handle, 280mm, 6mm wide
- 54501-04** Lane Screwdriver, for single slot screws, solid handle, 280mm, 4mm wide
- 54501-05** Lane Screwdriver, for single slot screws, solid handle, 280mm, 5mm wide
- 54501-06** Lane Screwdriver, for single slot screws, solid handle, 280mm, 6mm wide



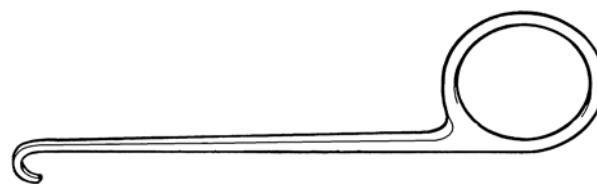
- 54510-28** Lane Screwdriver, for Phillips screws, hollow handle, 285mm
- 54511-28** Lane Screwdriver, for Phillips screws, solid handle, 285mm

Stirrups



- 54820-10** Steinmann Pin Cap, to shield ends of 4mm and 6mm pins

- 55000-11** Harlow Wood Tendon Hook, with bow handle, 115mm



Tendon Instruments

- 55130-52** Brand Plantaris Stripper, 525mm, 6mm bore



- 55135-40** Furlong Tendon Stripper, 200mm, 4mm bore

- 55135-50** Furlong Tendon Stripper, 200mm, 5mm bore

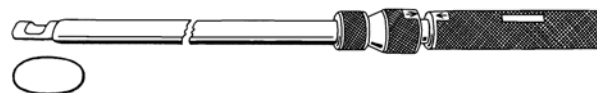


- 55136-40** Furlong Tendon Stripper, slotted, 200mm, 4mm bore, 2mm wide slot

- 55136-50** Furlong Tendon Stripper, slotted, 200mm, 5mm bore, 2mm wide slot



- 55140-10** Moseley Fasciatome, s/s



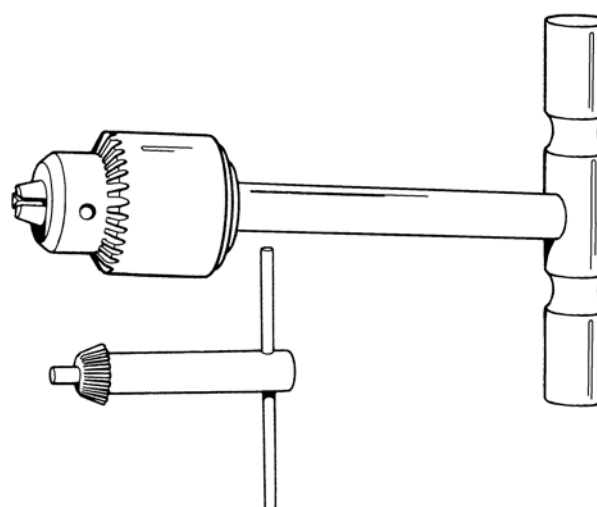
Wire Instruments

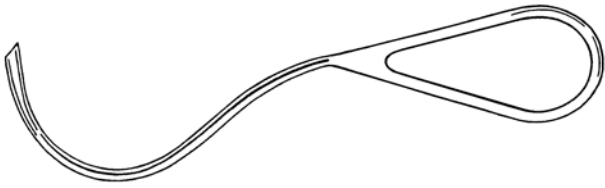
- 55300-10** Bone Pin Chuck, on T handle, Rohm hard chromed chuck, 0.5 - 8mm (1/64" - 5/16") capacity, c/w chuck key, 100mm

- 55300-15** Bone Pin Chuck, on T handle, Jacobs S/S chuck, 0 - 6.5mm (0 - 1/4") capacity, c/w chuck key, 100mm

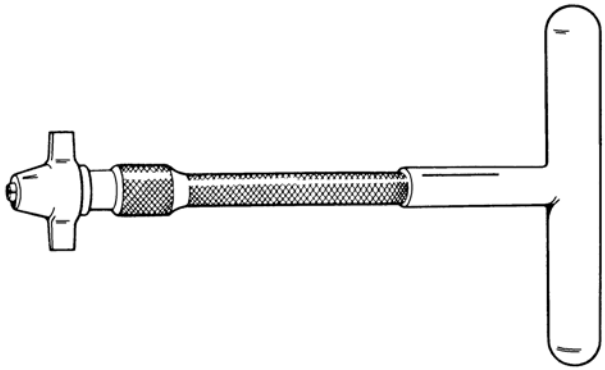
- 55300-50** Bone Pin Chuck, Rohm Prima 8M hard chromed chuck only, 3/8"-24 mount, 0.5 - 8mm (1/64" - 5/16") capacity, c/w chuck key

- 55300-55** Bone Pin Chuck, Jacobs 1BM S/S chuck only, 3/8"-24 mount, 0 - 6.5mm (0 - 1/4") capacity, c/w chuck key





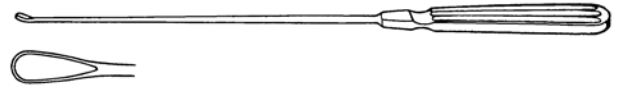
55302-17 Charnley Wire Passer, 175mm



55320-12 Kirschner Wire Introducing Handle, for 1.5mm diameter guide wires, 120mm

Curettes

61310-26 Horrocks Uterine Curette, fine, semi-blunt, 260mm

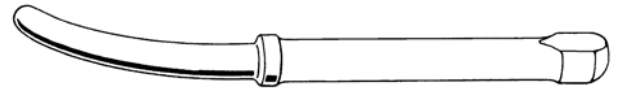


61360-22 Sharman Endometrial Curette, 220mm



Dilators

- 61570-05** Bonney Barker Dilator, s/s, 190mm, 3/5mm
- 61570-06** Bonney Barker Dilator, s/s, 190mm, 4/6mm
- 61570-07** Bonney Barker Dilator, s/s, 190mm, 5/7mm
- 61570-08** Bonney Barker Dilator, s/s, 190mm, 6/8mm
- 61570-09** Bonney Barker Dilator, s/s, 190mm, 7/9mm
- 61570-10** Bonney Barker Dilator, s/s, 190mm, 8/10mm
- 61570-12** Bonney Barker Dilator, s/s, 190mm, 10/12mm
- 61570-13** Bonney Barker Dilator, s/s, 190mm, 11/13mm
- 61570-14** Bonney Barker Dilator, s/s, 190mm, 12/14mm
- 61570-15** Bonney Barker Dilator, s/s, 190mm, 13/15mm
- 61570-16** Bonney Barker Dilator, s/s, 190mm, 14/16mm
- 61570-17** Bonney Barker Dilator, s/s, 190mm, 15/17mm
- 61570-18** Bonney Barker Dilator, s/s, 190mm, 16/18mm
- 61570-19** Bonney Barker Dilator, s/s, 190mm, 17/19mm
- 61570-20** Bonney Barker Dilator, s/s, 190mm, 18/20mm



Dilators



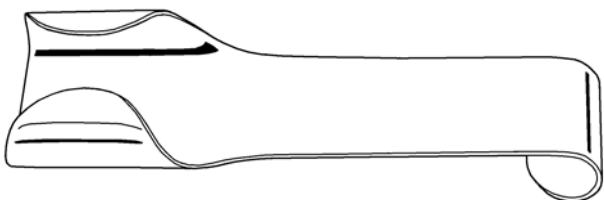
- 61600-06** Hawkin Ambler Dilator, s/s, conical, 170mm, 3/6mm
- 61600-07** Hawkin Ambler Dilator, s/s, conical, 170mm, 4/7mm
- 61600-08** Hawkin Ambler Dilator, s/s, conical, 170mm, 5/8mm
- 61600-09** Hawkin Ambler Dilator, s/s, conical, 170mm, 6/9mm
- 61600-10** Hawkin Ambler Dilator, s/s, conical, 170mm, 7/10mm
- 61600-11** Hawkin Ambler Dilator, s/s, conical, 170mm, 8/11mm
- 61600-12** Hawkin Ambler Dilator, s/s, conical, 170mm, 9/12mm
- 61600-13** Hawkin Ambler Dilator, s/s, conical, 170mm, 10/13mm
- 61600-14** Hawkin Ambler Dilator, s/s, conical, 170mm, 11/14mm
- 61600-15** Hawkin Ambler Dilator, s/s, conical, 170mm, 12/15mm
- 61600-16** Hawkin Ambler Dilator, s/s, conical, 170mm, 13/16mm
- 61600-17** Hawkin Ambler Dilator, s/s, conical, 170mm, 14/17mm
- 61600-18** Hawkin Ambler Dilator, s/s, conical, 170mm, 15/18mm
- 61600-19** Hawkin Ambler Dilator, s/s, conical, 170mm, 16/19mm
- 61600-20** Hawkin Ambler Dilator, s/s, conical, 170mm, 17/20mm
- 61600-21** Hawkin Ambler Dilator, s/s, conical, 170mm, 18/21mm
- 61600-90** Hawkin Ambler Dilator, s/s, conical, 170mm, set of 12 sizes (3/6mm - 14/17mm)

Hooks



- 61810-23** Chassar Moir Hook, angled at 85 degrees, sharp, 230mm

Introducers



- 61850-13** Pessary Introducer, for rubber ring pessary, 135mm

Needles



- 61950-10** Williams Pedicle Needle, curved to left, hollow handle, 255mm

Needles

- 61950-20** Gwilliams Pedicle Needle, curved to right, hollow handle, 255mm

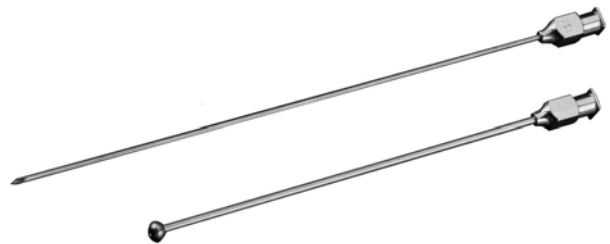


Nerve Block Needles

- 61965-15** Donald Transvaginal Pudendal Nerve Block Needle And Guide, longitudinal finger ring fitted to guide, luer lock fitting, 20swg (0.9mm) x 155mm
- 61970-15** Ferris Transvaginal Pudendal Nerve Block Needle And Guide, transverse finger ring fitted to guide, luer lock fitting, 20swg (0.9mm) x 155mm



- 61975-15** Oxford Paracervical Pudendal Nerve Block Needle And Guide, plain guide, 20swg (0.9mm) x 155mm



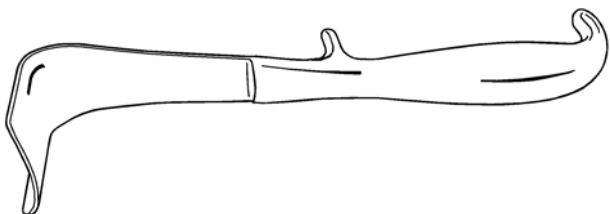
Nerve Hooks

- 61980-23** Adson Nerve Hook, rounded, blunt, 230mm
- 61990-23** Adson Nerve Hook, rounded, sharp, 230mm



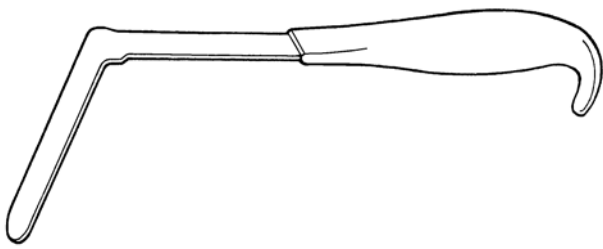
Retractors

- 62700-06** Doyen (Pozzi) Retractor, small, 48mm x 60mm
- 62700-09** Doyen (Pozzi) Retractor, medium, 48mm x 90mm
- 62700-12** Doyen (Pozzi) Retractor, large, 48mm x 124mm

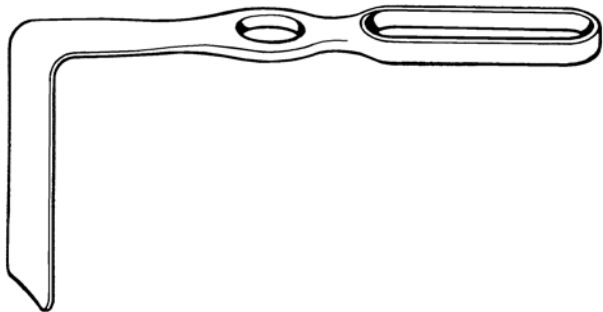


Gynaecology and Obstetrics

Retractors

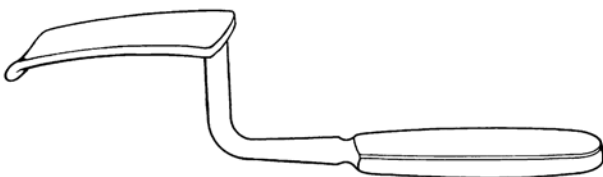


62710-10 Doyen Retractor, 100mm x 30mm blade



62720-09 Landon Vaginal Retractor, s/s, 90mm, 25mm blade

62721-09 Landon Vaginal Retractor, insulated, s/s, 90mm, 25mm blade



62730-09 Wertheim Vaginal Retractor, 95mm x 38mm blade

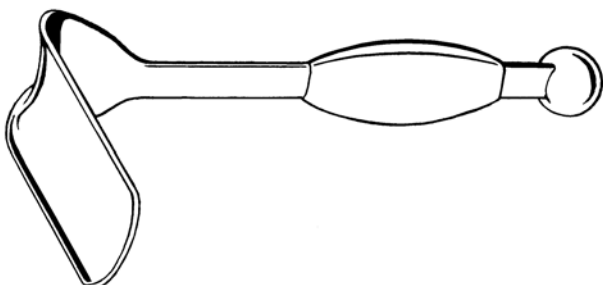
Suction Tubes



63200-17 Gillies Suction Tube, s/s, with stilette, 175mm

63200-19 Gillies Suction Tube, s/s, with stilette, 190mm

Vaginal Specula



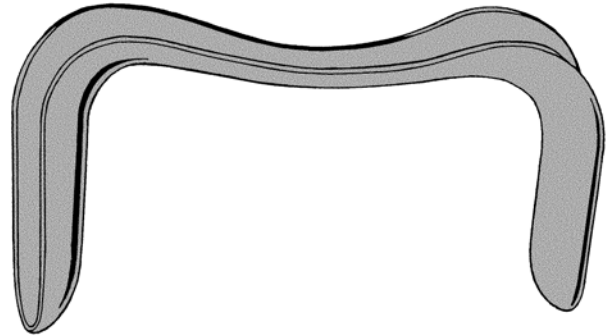
63414-50 Bailey Vaginal Speculum, fixed weight, 50mm x 40mm blade

63414-75 Bailey Vaginal Speculum, fixed weight, 75mm x 40mm blade

- 63416-50** Chassar Moir Bailey Vaginal Speculum, fixed weight, 50mm x 40mm blade



- 63451-60** Sims Vaginal Speculum, insulated, double ended, small, 60mm x 25mm & 65mm x 30mm
- 63451-70** Sims Vaginal Speculum, insulated, double ended, medium, 70mm x 30mm & 75mm x 35mm
- 63451-80** Sims Vaginal Speculum, insulated, double ended, large, 80mm x 35mm & 85mm x 40mm



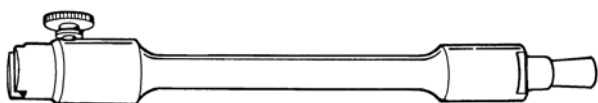
Neurology

Biopsy Needles

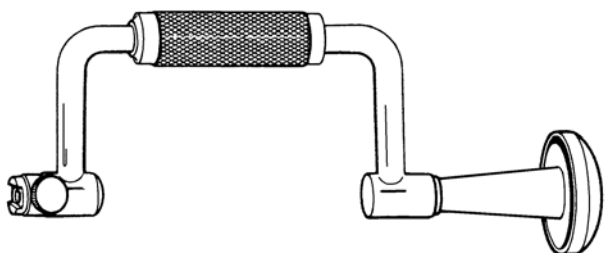


- 71090-10** Harlow Wood Spinal Biopsy Needle, trephine to take 2mm core only
- 71090-15** Harlow Wood Spinal Biopsy Needle, trephine to take 3mm core only
- 71090-20** Harlow Wood Spinal Biopsy Needle, obturator for 2mm trephine only
- 71090-25** Harlow Wood Spinal Biopsy Needle, obturator for 3mm trephine only
- 71090-30** Harlow Wood Spinal Biopsy Needle, stop with thumbscrew for 2mm trephine only
- 71090-35** Harlow Wood Spinal Biopsy Needle, stop with thumbscrew for 3mm trephine only
- 71090-40** Harlow Wood Spinal Biopsy Needle, trephine guide only
- 71090-50** Harlow Wood Spinal Biopsy Needle, tapered dilator shaft only
- 71090-55** Harlow Wood Spinal Biopsy Needle, tapered dilator mount only
- 71090-60** Harlow Wood Spinal Biopsy Needle, guide wire shaft only
- 71090-65** Harlow Wood Spinal Biopsy Needle, guide wire mount only
- 71090-70** Harlow Wood Spinal Biopsy Needle, plastic storage case with foam infill only
- 71090-90** Harlow Wood Spinal Biopsy Needle, complete set in case, 2mm & 3mm trephine, obturator and stop, 1 x trephine guide, tapered dilator and guide wire

Braces



- 71100-10** Hudson Brace, extension piece, 100mm



- 71110-21** Hudson Brace, universal fitting, small size, 215mm
- 71110-25** Hudson Brace, universal fitting, standard size, 255mm

Burs



- 71200-09** Hudson Conical Bur, 9mm
- 71200-11** Hudson Conical Bur, 11mm
- 71200-13** Hudson Conical Bur, 13mm
- 71200-16** Hudson Conical Bur, 16mm
- 71200-19** Hudson Conical Bur, 19mm

Burs

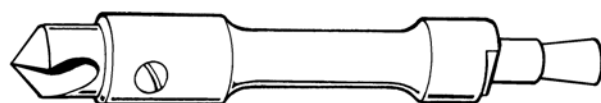
- 71210-08** Hudson Perforator, 8mm
71210-10 Hudson Perforator, 10mm
71210-12 Hudson Perforator, 12mm
71210-15 Hudson Perforator, 15mm



- 71220-08** Hudson Spherical Bur, 8mm
71220-11 Hudson Spherical Bur, 11mm
71220-13 Hudson Spherical Bur, 13mm
71220-16 Hudson Spherical Bur, 16mm
71220-19 Hudson Spherical Bur, 19mm
71220-22 Hudson Spherical Bur, 22mm

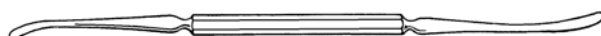


- 71230-12** Spiral Undercut Bur, 100mm, 12.7mm (1/2")



Dissectors

- 71720-17** Swedish Dissector, double ended, 175mm



Dural Hooks

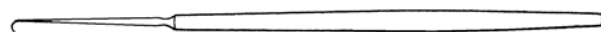
- 72000-19** Adson Dural Hook, rectangular, straight, blunt, 190mm
72010-19 Adson Dural Hook, rectangular, straight, sharp, 190mm



- 72001-19** Adson Dural Hook, rectangular, angled downwards, blunt, 190mm



- 72020-12** Cairns Dural Hook, fine, sharp, 125mm



- 72030-12** Cairns Dural Hook, sharp, 125mm



- 72035-25** Nelson Dural Hook, rounded, blunt, 250mm



Neurology

Dural Hooks



72040-25 Nerve Dural Hook, 250mm

Elevators



72100-05 Adson Periosteal Elevator, curved, 165mm, 5mm wide

72100-07 Adson Periosteal Elevator, curved, 165mm, 7mm wide



72110-05 Adson Periosteal Elevator, straight, 165mm, 5mm wide

72110-07 Adson Periosteal Elevator, straight, 165mm, 7mm wide



72115-18 Cairns Skull Flap Elevator, 180mm



72119-10 Cobb Elevator, 375mm overall length, 245mm handle, 10mm

72119-13 Cobb Elevator, 375mm overall length, 245mm handle, 13mm

72119-15 Cobb Elevator, 375mm overall length, 245mm handle, 15mm

72119-16 Cobb Elevator, 375mm overall length, 245mm handle, 16mm

72119-20 Cobb Elevator, 375mm overall length, 245mm handle, 20mm



72120-10 Cobb Elevator, 275mm overall length, 145mm handle, 10mm

72120-13 Cobb Elevator, 275mm overall length, 145mm handle, 13mm

72120-16 Cobb Elevator, 275mm overall length, 145mm handle, 16mm

72120-19 Cobb Elevator, 275mm overall length, 145mm handle, 19mm

- 72121-06** Cobb Elevator, 310mm overall length, 180mm handle, 6mm
- 72121-08** Cobb Elevator, 310mm overall length, 180mm handle, 8mm
- 72121-10** Cobb Elevator, 310mm overall length, 180mm handle, 10mm
- 72121-13** Cobb Elevator, 310mm overall length, 180mm handle, 13mm
- 72121-15** Cobb Elevator, 310mm overall length, 180mm handle, 15mm
- 72121-19** Cobb Elevator, 310mm overall length, 180mm handle, 19mm
- 72121-25** Cobb Elevator, 310mm overall length, 180mm handle, 25mm



- 72122-10** Cobb Elevator, tufnol handle, 255mm overall length, 125mm handle, 10mm
- 72122-13** Cobb Elevator, tufnol handle, 255mm overall length, 125mm handle, 13mm
- 72122-19** Cobb Elevator, tufnol handle, 255mm overall length, 125mm handle, 19mm



- 72124-18** Horsley Dura Mater Elevator, single ended, 180mm



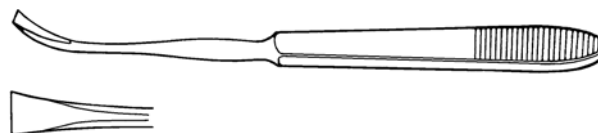
- 72126-10** Horsley Dura Mater Elevator, double ended



- 72128-10** Harrington Spinal Elevator, hollow knurled s/s handle, 305mm overall length, 10mm
- 72128-13** Harrington Spinal Elevator, hollow knurled s/s handle, 305mm overall length, 13mm
- 72128-16** Harrington Spinal Elevator, hollow knurled s/s handle, 305mm overall length, 16mm
- 72128-19** Harrington Spinal Elevator, hollow knurled s/s handle, 305mm overall length, 19mm



- 72130-04** Pennybacker Elevator, curved, sharp, 150mm, 4mm wide
- 72130-06** Pennybacker Elevator, curved, sharp, 150mm, 6mm wide
- 72130-08** Pennybacker Elevator, curved, sharp, 150mm, 8mm wide



Neurology

Elevators



- 72140-10** O'Brien Blunt Elevator, 365mm overall length, 145mm handle, 10mm
- 72140-12** O'Brien Blunt Elevator, 365mm overall length, 145mm handle, 12mm
- 72140-15** O'Brien Blunt Elevator, 365mm overall length, 145mm handle, 15mm
- 72140-25** O'Brien Blunt Elevator, 365mm overall length, 145mm handle, 25mm

Gouges



- 72200-06** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 6mm
- 72200-08** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 8mm
- 72200-10** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 10mm
- 72200-11** Capener Gouge, cranked, for lamina, acetal handle, length 235mm, 11mm
- 72200-13** Capener Gouge, cranked, for lamina, acetal handle, length 235mm, 13mm
- 72200-16** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 16mm
- 72200-19** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 19mm
- 72200-25** Capener Gouge, cranked, for lamina, tufnol handle, length 235mm, 25mm



- 72201-06** Boston Modified Capener Gouge, square cornered cutting edge sharpened from inside, cranked, for lamina, tufnol handle, length 235mm, 6mm
- 72201-11** Boston Modified Capener Gouge, square cornered cutting edge sharpened from inside, cranked, for lamina, tufnol handle, length 235mm, 11mm
- 72201-16** Boston Modified Capener Gouge, square cornered cutting edge sharpened from inside, cranked, for lamina, tufnol handle, length 235mm, 16mm



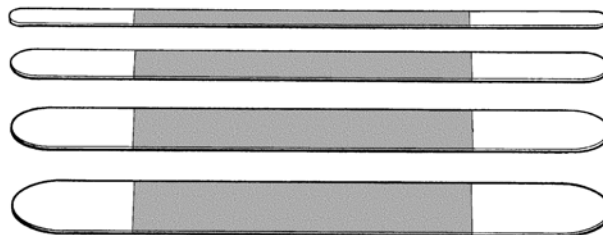
- 72210-06** Capener Gouge, cranked, reverse blade, tufnol handle, length 235mm, 6mm
- 72210-13** Capener Gouge, cranked, reverse blade, acetal handle, length 235mm, 13mm
- 72210-19** Capener Gouge, cranked, reverse blade, tufnol handle, length 235mm, 19mm
- 72210-25** Capener Gouge, cranked, reverse blade, tufnol handle, length 235mm, 25mm

Nerve Hooks

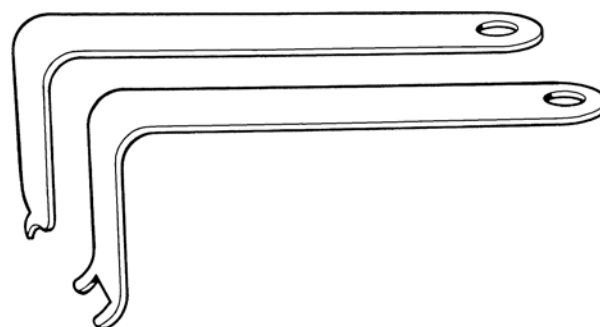


- 72650-32** Grant Massie Nerve Hook, double ended, blunt, 320mm

- 73100-06** Cairns Strip Retractor, 200mm x 6mm
73100-08 Cairns Strip Retractor, 200mm x 8mm
73100-09 Cairns Strip Retractor, 200mm x 9mm
73100-10 Cairns Strip Retractor, 200mm x 10mm
73100-11 Cairns Strip Retractor, 200mm x 11mm
73100-13 Cairns Strip Retractor, 200mm x 13mm
73100-16 Cairns Strip Retractor, 200mm x 16mm
73100-19 Cairns Strip Retractor, 200mm x 19mm
73100-22 Cairns Strip Retractor, 200mm x 22mm
73100-25 Cairns Strip Retractor, 200mm x 25mm
73100-90 Cairns Strip Retractor, 200mm, set of 10 (6mm to 25mm)



- 73110-10** Charnley Laminectomy Retractor, sharp blade only, large, 185mm, 70mm deep
73110-20 Charnley Laminectomy Retractor, blunt blade only, large, 185mm, 70mm deep
73110-30 Charnley Laminectomy Retractor, sharp blade only, small, 185mm, 55mm deep
73110-40 Charnley Laminectomy Retractor, blunt blade only, small, 185mm, 55mm deep
73110-85 Charnley Laminectomy Retractor, set of 1 sharp and 1 blunt, small, 185mm, 55mm deep, with weight and chain
73110-90 Charnley Laminectomy Retractor, set of 1 sharp and 1 blunt, large, 185mm, 70mm deep, with weight and chain
73110-95 Charnley Laminectomy Retractor, set of 2 sharp and 2 blunt, small and large, with 2 weight and chain



- 73120-19** Cushing Retractor, 190mm
73120-22 Cushing Retractor, 225mm
73120-28 Cushing Retractor, 280mm



- 73125-08** Cushing Brain Spoon Retractor, double ended, 180mm, 8.0mm/9.5mm
73125-12 Cushing Brain Spoon Retractor, double ended, 180mm, 12.0mm/15.0mm
73125-13 Cushing Brain Spoon Retractor, double ended, 180mm, 13.5mm/15.5mm
73125-18 Cushing Brain Spoon Retractor, double ended, 180mm, 18.5mm/20.5mm
73125-19 Cushing Brain Spoon Retractor, double ended, 180mm, 19.5mm/22.5mm
73125-90 Cushing Brain Spoon Retractor, double ended, 180mm, set of 5 (8.0mm/9.5mm to 19.5mm/22.5mm)



Neurology

Retractors



- 73160-10** Hibbs Retractor, 200mm, 10mm x 38mm blade
- 73160-16** Hibbs Retractor, 200mm, 16mm x 54mm blade
- 73160-25** Hibbs Retractor, 200mm, 25mm x 70mm blade



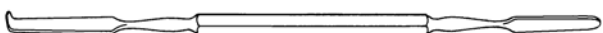
- 73165-08** Shepperd Aspirating Nerve Root Retractor, with fibrelight, 80mm working length
- 73165-13** Shepperd Aspirating Nerve Root Retractor, with fibrelight, 130mm working length



- 73170-10** Love Nerve Root Retractor, angled
- 73180-10** Love Nerve Root Retractor, right angled
- 73190-10** Love Nerve Root Retractor, straight



- 73195-18** Mathieu Retractor, double ended, 180mm



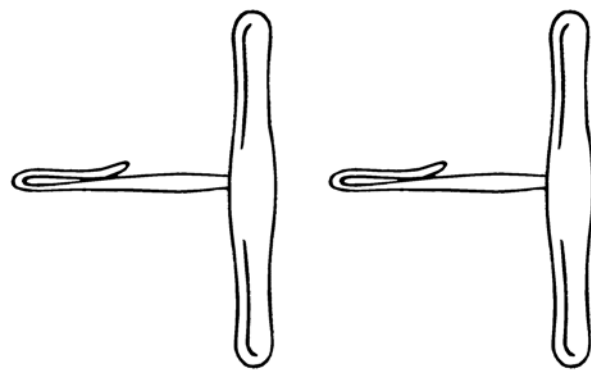
- 73200-21** O'Connell Nerve Root Retractor, double ended, 215mm

Saws



- 73700-30** De Martel Saw Guide, for gigli saw, 305mm

73710-50 Gigli Saw Handle, pair, 50mm

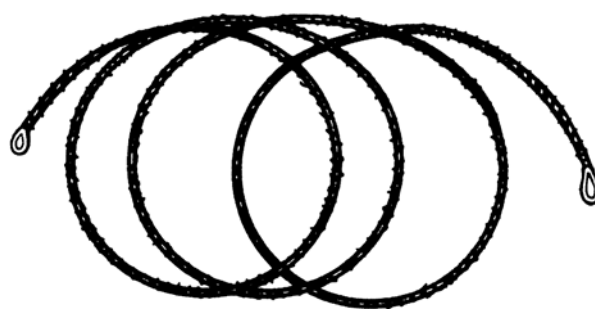


73720-30 Gigli Saw, 300mm

73720-40 Gigli Saw, 400mm

73720-50 Gigli Saw, 500mm

73720-70 Gigli Saw, 700mm



Suction Tubes

74000-07 Adson Frazier Suction Tube, s/s, angled, 175mm, 7FG, 2.3mm

74000-08 Adson Frazier Suction Tube, s/s, angled, 175mm, 8FG, 2.7mm

74000-09 Adson Frazier Suction Tube, s/s, angled, 175mm, 9FG, 3.0mm



74010-15 Adson Suction Tube, s/s, slight curve, 155mm



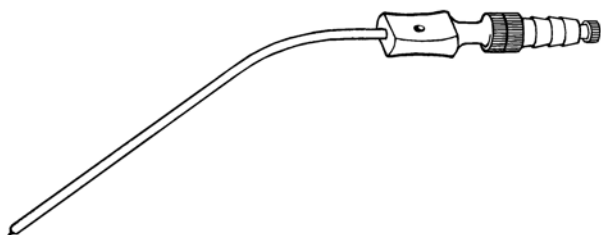
74015-40 Cairns Suction Tube, s/s, angled, 320mm, 4.0mm

74015-50 Cairns Suction Tube, s/s, angled, 320mm, 5.0mm

74015-55 Cairns Suction Tube, s/s, angled, 320mm, 5.5mm



Suction Tubes



- 74020-05** Frazier Suction Tube, s/s, angled, 180mm, 5FG, 1.7mm
- 74020-06** Frazier Suction Tube, s/s, angled, 180mm, 6FG, 2.0mm
- 74020-07** Frazier Suction Tube, s/s, angled, 180mm, 7FG, 2.3mm
- 74020-08** Frazier Suction Tube, s/s, angled, 180mm, 8FG, 2.7mm
- 74020-09** Frazier Suction Tube, s/s, angled, 180mm, 9FG, 3.0mm
- 74020-10** Frazier Suction Tube, s/s, angled, 180mm, 10FG, 3.3mm
- 74020-11** Frazier Suction Tube, s/s, angled, 180mm, 11FG, 3.7mm
- 74020-12** Frazier Suction Tube, s/s, angled, 180mm, 12FG, 4.0mm



- 74021-08** Frazier Suction Tube, s/s, straight, 180mm, 8FG, 2.7mm
- 74021-12** Frazier Suction Tube, s/s, straight, 180mm, 12FG, 4.0mm



- 74025-06** Frazier Suction Tube, s/s, angled, 230mm, 6FG, 2.0mm
- 74025-07** Frazier Suction Tube, s/s, angled, 230mm, 7FG, 2.3mm
- 74025-08** Frazier Suction Tube, s/s, angled, 230mm, 8FG, 2.7mm
- 74025-09** Frazier Suction Tube, s/s, angled, 230mm, 9FG, 3.0mm
- 74025-10** Frazier Suction Tube, s/s, angled, 230mm, 10FG, 3.3mm
- 74025-11** Frazier Suction Tube, s/s, angled, 230mm, 11FG, 3.7mm
- 74025-12** Frazier Suction Tube, s/s, angled, 230mm, 12FG, 4.0mm



- 74030-07** Gibson Neurosurgical Suction Tube, s/s, 245mm, 7EG, 4.5mm



- 74035-10** Cone Suction Tube, curved handle with screw mount fitting and tucker valve only
- 74035-30** Cone Suction Tube, tube with screw mount fitting only, 180mm, 3.0mm
- 74035-40** Cone Suction Tube, tube with screw mount fitting only, 180mm, 4.0mm
- 74035-50** Cone Suction Tube, tube with screw mount fitting only, 180mm, 5.0mm
- 74035-90** Cone Suction Tube, complete set of 3 x tubes and 1 x curved handle

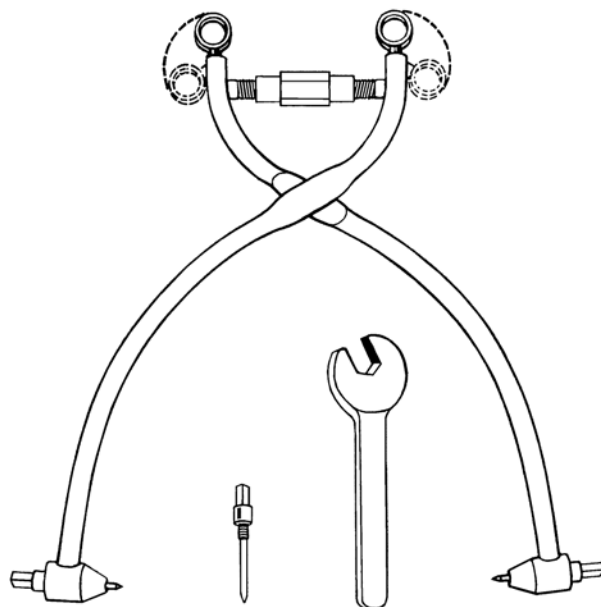
Suction Tubes

- 74070-12** Sals Suction Tube, flattened tip for anterior lumbar surgery, s/s, 215mm working length, 12FG, 4.0mm



Traction Tongs

- 74400-80** Cones Traction Tong, frame only
74400-90 Cones Traction Tong, complete with 2 pairs of pins and a spanner



- 74400-05** Cones Traction Tong, 5mm long pins only, pair
74400-08 Cones Traction Tong, 8mm long pins only, pair



- 74400-50** Cones Traction Tong, spanner only



Trephines

- 74900-07** Randall Trephine, 2.35mm shaft, 7mm o.d.





79000-15 Neurosurgical Swab Tray, 3 sided, 155mm x 105mm x 20mm

Dilators

- 81320-14** St.Marks Rectal Dilator, s/s, small, 14mm - 19mm
81320-16 St.Marks Rectal Dilator, s/s, large, 16mm - 25mm

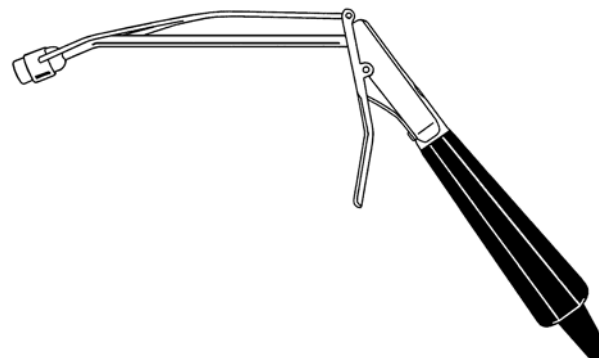


Haemorrhoid Ligators

- 81610-10** Simple Pattern Haemorrhoid Ligator, ligator only
81610-60 Simple Pattern Haemorrhoid Ligator, s/s loading cone only
81610-90 Simple Pattern Haemorrhoid Ligator, complete with s/s loading cone

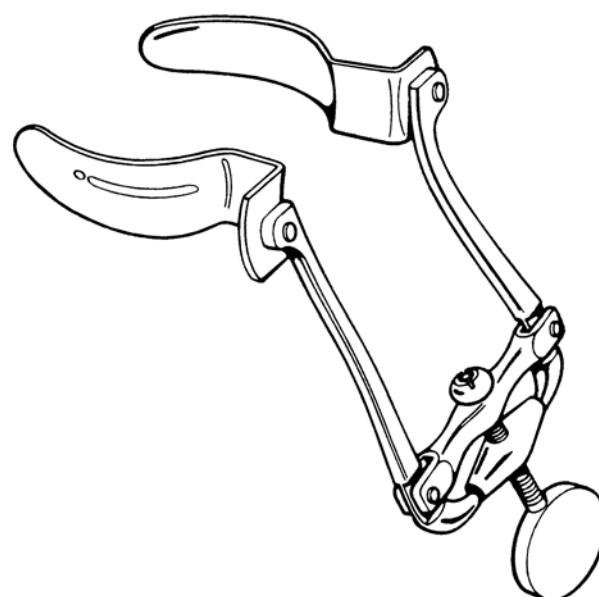


- 81645-09** Suction Model Haemorrhoid Ligator, black acetal handle, 9mm deep x 10mm bore cup only
81645-16 Suction Model Haemorrhoid Ligator, black acetal handle, 16mm deep x 10mm bore cup only
81645-20 Suction Model Haemorrhoid Ligator, black acetal handle, ligator and cups only
81645-30 Suction Model Haemorrhoid Ligator, black acetal handle, ligator only
81645-50 Suction Model Haemorrhoid Ligator, black acetal handle, s/s loading cone only
81645-90 Suction Model Haemorrhoid Ligator, black acetal handle, complete with 1 x 9mm deep cup, 1 x 16mm deep cup, 1 x s/s loading cone

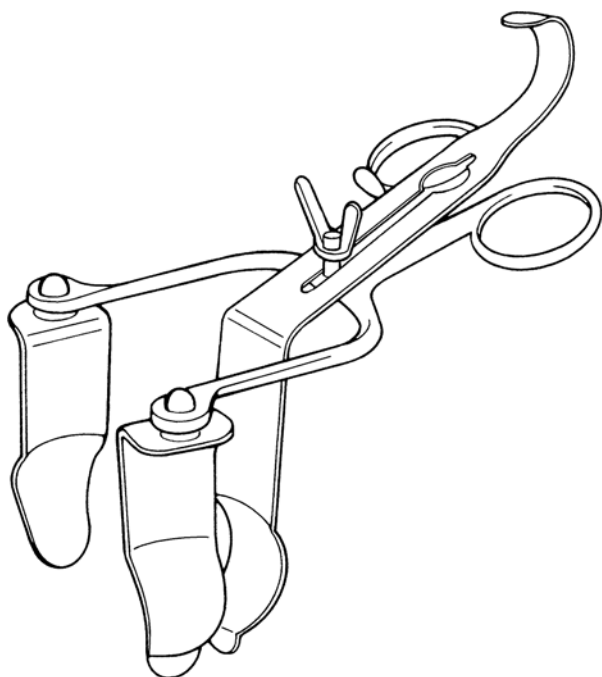


Retractors - Self Retaining

- 82000-13** Park Anal Self Retaining Retractor, 130mm, adult complete, bayonet fitting, 1 x frame, 2 x adult blades
82000-50 Park Anal Self Retaining Retractor, 130mm, frame only, bayonet fitting
82000-70 Park Anal Self Retaining Retractor, 130mm, child complete, bayonet fitting, 1 x frame, 2 x child blades
82000-75 Park Anal Self Retaining Retractor, 130mm, sphincterotomy complete, bayonet fitting, 1 x frame, 2 x sphincterotomy blades

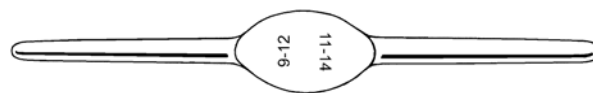


Retractors - Self Retaining



- 82010-10** Park Combined Self Retaining Retractor, centre blade only, 95mm
- 82010-15** Park Combined Self Retaining Retractor, centre blade with fibre light only, 95mm
- 82010-20** Park Combined Self Retaining Retractor, child blades only, ball fitting, pair, 70mm
- 82010-22** Park Combined Self Retaining Retractor, child blades only, bayonet fitting, pair, 70mm
- 82010-30** Park Combined Self Retaining Retractor, adult blades only, ball fitting, pair, 95mm
- 82010-32** Park Combined Self Retaining Retractor, adult blades only, bayonet fitting, pair, 95mm
- 82010-40** Park Combined Self Retaining Retractor, sphincterotomy blades only, ball fitting, pair, 75mm
- 82010-42** Park Combined Self Retaining Retractor, sphincterotomy blades only, bayonet fitting, pair, 75mm
- 82010-50** Park Combined Self Retaining Retractor, anastomosis blades only, ball fitting, pair, 90mm
- 82010-52** Park Combined Self Retaining Retractor, anastomosis blades only, bayonet fitting, pair, 90mm

- 91006-01** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 1/4EG and 3/6EG
- 91006-05** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 5/8EG and 7/10EG
- 91006-09** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 9/12EG and 11/14EG
- 91006-13** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 13/16EG and 15/18EG
- 91006-17** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 17/20EG and 19/22EG
- 91006-21** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 21/23EG and 22/24EG
- 91006-26** Canny Ryall Meatal Bougie, s/s, double ended, welded, 160mm, 26/28EG and 29/31EG



- 91010-08** Clutton Urethral Bougie, s/s, tapered, 265mm, 4/8FG
- 91010-10** Clutton Urethral Bougie, s/s, tapered, 265mm, 6/10FG
- 91010-12** Clutton Urethral Bougie, s/s, tapered, 265mm, 8/12FG
- 91010-14** Clutton Urethral Bougie, s/s, tapered, 265mm, 10/14FG
- 91010-16** Clutton Urethral Bougie, s/s, tapered, 265mm, 12/16FG
- 91010-18** Clutton Urethral Bougie, s/s, tapered, 265mm, 14/18FG
- 91010-20** Clutton Urethral Bougie, s/s, tapered, 265mm, 16/20FG
- 91010-22** Clutton Urethral Bougie, s/s, tapered, 265mm, 18/22FG
- 91010-24** Clutton Urethral Bougie, s/s, tapered, 265mm, 20/24FG
- 91010-26** Clutton Urethral Bougie, s/s, tapered, 265mm, 22/26FG
- 91010-28** Clutton Urethral Bougie, s/s, tapered, 265mm, 24/28FG
- 91010-30** Clutton Urethral Bougie, s/s, tapered, 265mm, 26/30FG
- 91010-32** Clutton Urethral Bougie, s/s, tapered, 265mm, 28/32FG
- 91010-90** Clutton Urethral Bougie, s/s, tapered, set of 12

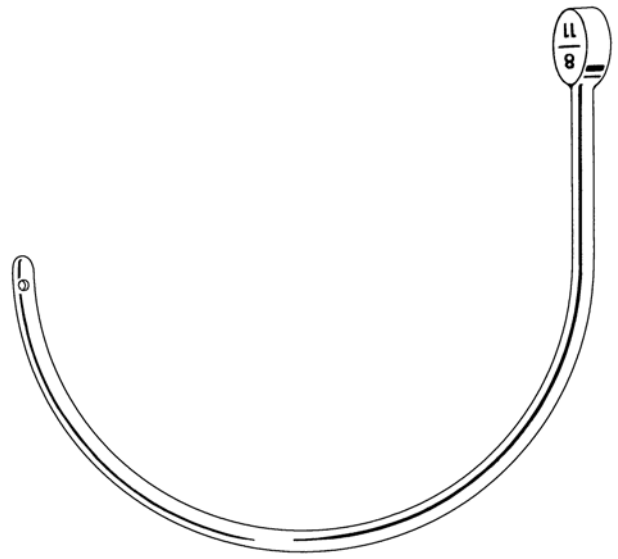


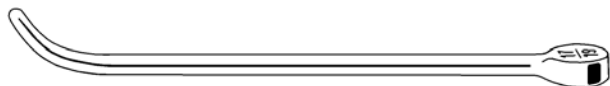
Bougies



- 91030-01** Lister Urethral Bougie, s/s, olive end, 270mm, 00/1EG
- 91030-02** Lister Urethral Bougie, s/s, olive end, 270mm, 0/2EG
- 91030-03** Lister Urethral Bougie, s/s, olive end, 270mm, 0.5/3EG
- 91030-04** Lister Urethral Bougie, s/s, olive end, 270mm, 1/4EG
- 91030-05** Lister Urethral Bougie, s/s, olive end, 270mm, 2/5EG
- 91030-06** Lister Urethral Bougie, s/s, olive end, 270mm, 3/6EG
- 91030-07** Lister Urethral Bougie, s/s, olive end, 270mm, 4/7EG
- 91030-08** Lister Urethral Bougie, s/s, olive end, 270mm, 5/8EG
- 91030-09** Lister Urethral Bougie, s/s, olive end, 270mm, 6/9EG
- 91030-10** Lister Urethral Bougie, s/s, olive end, 270mm, 7/10EG
- 91030-11** Lister Urethral Bougie, s/s, olive end, 270mm, 8/11EG
- 91030-12** Lister Urethral Bougie, s/s, olive end, 270mm, 9/12EG
- 91030-13** Lister Urethral Bougie, s/s, olive end, 270mm, 10/13EG
- 91030-14** Lister Urethral Bougie, s/s, olive end, 270mm, 11/14EG
- 91030-15** Lister Urethral Bougie, s/s, olive end, 270mm, 12/15EG
- 91030-16** Lister Urethral Bougie, s/s, olive end, 270mm, 13/16EG
- 91030-17** Lister Urethral Bougie, s/s, olive end, 270mm, 14/17EG
- 91030-18** Lister Urethral Bougie, s/s, olive end, 270mm, 15/18EG
- 91030-19** Lister Urethral Bougie, s/s, olive end, 270mm, 16/19EG
- 91030-20** Lister Urethral Bougie, s/s, olive end, 270mm, 17/20EG
- 91030-21** Lister Urethral Bougie, s/s, olive end, 270mm, 18/21EG

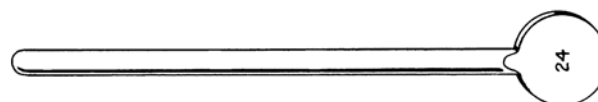
91038-08 Turner Warwick Modified Hey Groves Retrograde
Bougie, s/s, 170mm, 8/11EG





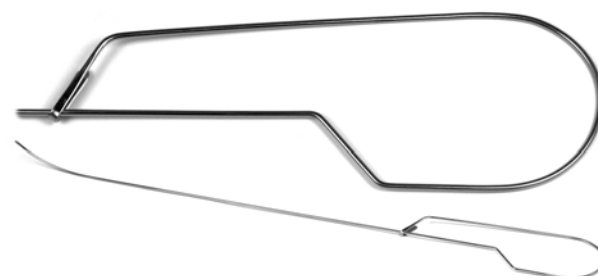
- 91046-04** Winsbury White Urethral Bougie, s/s, welded, 200mm, 4/6FG
- 91046-05** Winsbury White Urethral Bougie, s/s, welded, 200mm, 5/7FG
- 91046-06** Winsbury White Urethral Bougie, s/s, welded, 200mm, 6/8FG
- 91046-07** Winsbury White Urethral Bougie, s/s, welded, 200mm, 7/9FG
- 91046-08** Winsbury White Urethral Bougie, s/s, welded, 200mm, 8/10FG
- 91046-09** Winsbury White Urethral Bougie, s/s, welded, 200mm, 9/11FG
- 91046-10** Winsbury White Urethral Bougie, s/s, welded, 200mm, 10/12FG
- 91046-11** Winsbury White Urethral Bougie, s/s, welded, 200mm, 11/13FG
- 91046-12** Winsbury White Urethral Bougie, s/s, welded, 200mm, 12/14FG
- 91046-13** Winsbury White Urethral Bougie, s/s, welded, 200mm, 13/15FG
- 91046-14** Winsbury White Urethral Bougie, s/s, welded, 200mm, 14/16FG
- 91046-15** Winsbury White Urethral Bougie, s/s, welded, 200mm, 15/17FG
- 91046-16** Winsbury White Urethral Bougie, s/s, welded, 200mm, 16/18FG
- 91046-17** Winsbury White Urethral Bougie, s/s, welded, 200mm, 17/19FG
- 91046-18** Winsbury White Urethral Bougie, s/s, welded, 200mm, 18/20FG
- 91046-19** Winsbury White Urethral Bougie, s/s, welded, 200mm, 19/21FG
- 91046-20** Winsbury White Urethral Bougie, s/s, welded, 200mm, 20/22FG
- 91046-21** Winsbury White Urethral Bougie, s/s, welded, 200mm, 21/23FG
- 91046-22** Winsbury White Urethral Bougie, s/s, welded, 200mm, 22/24FG
- 91046-23** Winsbury White Urethral Bougie, s/s, welded, 200mm, 23/25FG
- 91046-24** Winsbury White Urethral Bougie, s/s, welded, 200mm, 24/26FG

- 91050-10** Wyndham Powell Bougie, s/s, 170mm, 10FG
- 91050-11** Wyndham Powell Bougie, s/s, 170mm, 11FG
- 91050-12** Wyndham Powell Bougie, s/s, 170mm, 12FG
- 91050-13** Wyndham Powell Bougie, s/s, 170mm, 13FG
- 91050-14** Wyndham Powell Bougie, s/s, 170mm, 14FG
- 91050-15** Wyndham Powell Bougie, s/s, 170mm, 15FG
- 91050-16** Wyndham Powell Bougie, s/s, 170mm, 16FG
- 91050-17** Wyndham Powell Bougie, s/s, 170mm, 17FG
- 91050-18** Wyndham Powell Bougie, s/s, 170mm, 18FG
- 91050-19** Wyndham Powell Bougie, s/s, 170mm, 19FG
- 91050-20** Wyndham Powell Bougie, s/s, 170mm, 20FG
- 91050-21** Wyndham Powell Bougie, s/s, 170mm, 21FG
- 91050-22** Wyndham Powell Bougie, s/s, 170mm, 22FG
- 91050-23** Wyndham Powell Bougie, s/s, 170mm, 23FG
- 91050-24** Wyndham Powell Bougie, s/s, 170mm, 24FG
- 91050-25** Wyndham Powell Bougie, s/s, 170mm, 25FG
- 91050-26** Wyndham Powell Bougie, s/s, 170mm, 26FG
- 91050-27** Wyndham Powell Bougie, s/s, 170mm, 27FG
- 91050-28** Wyndham Powell Bougie, s/s, 170mm, 28FG
- 91050-29** Wyndham Powell Bougie, s/s, 170mm, 29FG
- 91050-30** Wyndham Powell Bougie, s/s, 170mm, 30FG
- 91050-31** Wyndham Powell Bougie, s/s, 170mm, 31FG
- 91050-32** Wyndham Powell Bougie, s/s, 170mm, 32FG
- 91050-33** Wyndham Powell Bougie, s/s, 170mm, 33FG
- 91050-34** Wyndham Powell Bougie, s/s, 170mm, 34FG
- 91050-35** Wyndham Powell Bougie, s/s, 170mm, 35FG
- 91050-36** Wyndham Powell Bougie, s/s, 170mm, 36FG
- 91050-37** Wyndham Powell Bougie, s/s, 170mm, 37FG
- 91050-38** Wyndham Powell Bougie, s/s, 170mm, 38FG
- 91050-39** Wyndham Powell Bougie, s/s, 170mm, 39FG



Catheter Introducers

- 91090-02** Manning Catheter Introducer, curved, 510mm, small tip, 2mm



- 91100-45** Foley Catheter Introducer, curved, 455mm



- 91110-45** Foley Catheter Introducer, straight, 455mm
- 91112-02** Foley Catheter Introducer, straight, 510mm, small tip, 2mm
- 91112-04** Foley Catheter Introducer, straight, 510mm, large tip, 4mm



Urology

Catheter Introducers



91120-02 Foley Catheter Introducer With Guyon Curve, curved, 430mm, small tip, 2mm

91120-04 Foley Catheter Introducer With Guyon Curve, curved, 430mm, large tip, 4mm



91130-02 Foley Catheter Introducer With Guyon Curve, deep curve, 510mm, small tip, 2mm



91135-02 Guyon Catheter Introducer, curved, 510mm, small tip, 2mm



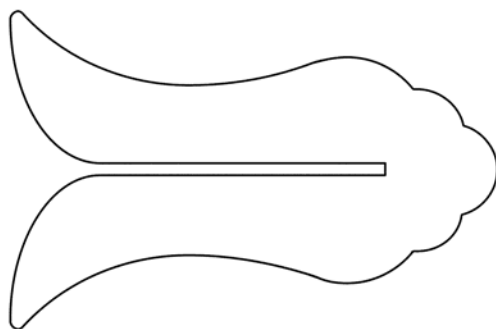
91140-12 Maryfield Catheter Introducer, s/s, curved, 300mm, small, for 12 and 14 FCG

91140-16 Maryfield Catheter Introducer, s/s, curved, 300mm, medium, for 16 and 18 FCG

91140-24 Maryfield Catheter Introducer, s/s, curved, 300mm, large, for 24 and 26 FCG

91145-12 Maryfield Catheter Introducer, paediatric, s/s, curved, 215mm, small, for 12 and 14 FCG

Circumcision Shields



91200-10 Jewish Pattern Circumcision Shield, s/s, 65mm, large, 1.6mm wide slot

91200-20 Jewish Pattern Circumcision Shield, s/s, 65mm, medium, 1.2mm wide slot

91200-30 Jewish Pattern Circumcision Shield, s/s, 65mm, small, 0.8mm wide slot

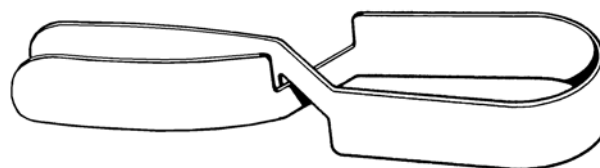
Clamps



91280-50 Knutson Urethrography Clamp, cannula with stopcock and rubber acorn only

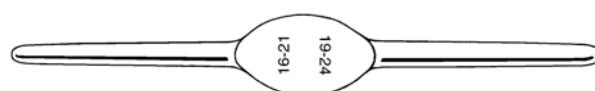
91280-90 Knutson Urethrography Clamp, complete, cannula with stopcock and rubber acorn

- 91310-11** Thomson-Walker Penile Clamp, cross action, 115mm



Dilators

- 91500-04** Turner Warwick Dilator, s/s, double ended, 160mm, 4/9FG and 7/12FG
91500-10 Turner Warwick Dilator, s/s, double ended, 160mm, 10/15FG and 13/18FG
91500-16 Turner Warwick Dilator, s/s, double ended, 160mm, 16/21FG and 19/24FG
91500-22 Turner Warwick Dilator, s/s, double ended, 160mm, 22/27FG and 25/30FG
91500-28 Turner Warwick Dilator, s/s, double ended, 160mm, 28/33FG and 31/36FG
91500-90 Turner Warwick Dilator, s/s, double ended, 160mm, set of 5

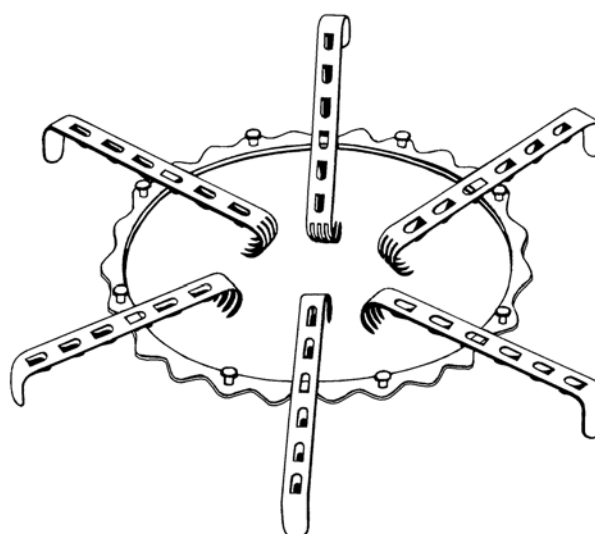


Retractors

- 92200-09** Gil Vernet Retractor, 250mm, 9mm wide blade
92200-11 Gil Vernet Retractor, 250mm, 11mm wide blade
92200-13 Gil Vernet Retractor, 250mm, 13mm wide blade
92200-15 Gil Vernet Retractor, 250mm, 15mm wide blade
92200-17 Gil Vernet Retractor, 250mm, 17mm wide blade
92200-18 Gil Vernet Retractor, 250mm, 18mm wide blade
92200-20 Gil Vernet Retractor, 250mm, 20mm wide blade
92200-23 Gil Vernet Retractor, 250mm, 23mm wide blade



- 92230-10** Turner Warwick Urological Retractor, curved claw blade only, 13mm x 14mm
92230-20 Turner Warwick Urological Retractor, oval frame only, 180mm x 140mm
92230-90 Turner Warwick Urological Retractor, complete with 1 ring and 6 blades



Ophthalmic

Elevators



95230-18 Rootman Orbital Elevator, periosteal, double ended, 185mm



95235-07 Rootman Orbital Elevator, periosteal, round, 150mm, 7.5mm



95240-05 Rootman Orbital Elevator, periosteal, 150mm, 5mm



95240-07 Rootman Orbital Elevator, periosteal, 150mm, 7mm



95240-11 Rootman Orbital Elevator, periosteal, 150mm, 11mm



95250-15 Rootman Orbital Elevator, dissector / elevator, curved, 150mm, 1.5mm



95250-30 Rootman Orbital Elevator, dissector / elevator, curved, 150mm, 3.0mm



95250-40 Rootman Orbital Elevator, dissector / elevator, curved, 150mm, 4.0mm



95250-50 Rootman Orbital Elevator, dissector / elevator, curved, 150mm, 5.0mm



95260-15 Rootman Orbital Elevator, dissector / elevator, straight, 150mm, 1.5mm



95260-30 Rootman Orbital Elevator, dissector / elevator, straight, 150mm, 3.0mm

Elevators

95260-40 Rootman Orbital Elevator, dissector / elevator, straight, 150mm, 4.0mm



95260-50 Rootman Orbital Elevator, dissector / elevator, straight, 150mm, 5.0mm



Eye Probes

96180-10 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 00/0 (0.9mm/1.0mm)

96180-20 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 1/2 (1.1mm/1.2mm)

96180-30 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 3/4 (1.3mm/1.4mm)

96180-40 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 5/6 (1.5mm/1.6mm)

96180-50 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 7/8 (1.7mm/1.8mm)

96180-60 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, 9/10 (1.9mm/2.0mm)

96180-80 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, set of 4 (1/2 - 7/8)

96180-90 Bowman Lachrymal Probe, bulbous end, s/s, 110mm, set of 6 (00/0 - 9/10)



Forceps

96870-16 Rootman Orbital Forcep, tumour holding, round cup jaws, 160mm



96880-16 Rootman Orbital Forcep, tumour holding, square notched jaws, 160mm



Hooks

96970-15 Rootman Orbital Hook, tumour holding, 150mm, sharp

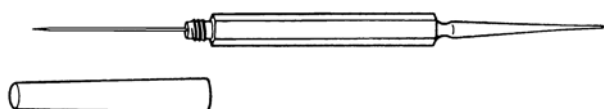


96980-15 Rootman Orbital Hook, tumour holding, 150mm, blunt



Ophthalmic

Lachrymal Dilators



97100-11 Foster Lachrymal Dilator And Finder, screw on cap, 115mm



97120-10 Nettleship Lachrymal Dilator, conical, 100mm

Retractors



97740-10 Rootman Orbital Retractor, 160mm, 10mm deep



97740-16 Rootman Orbital Retractor, 160mm, 16mm deep



97740-32 Rootman Orbital Retractor, 160mm, 32mm deep



97745-32 Rootman Orbital Retractor, flared end, 160mm, 32mm deep



97750-08 Rootman Orbital Retractor, general curved, 160mm, 8mm



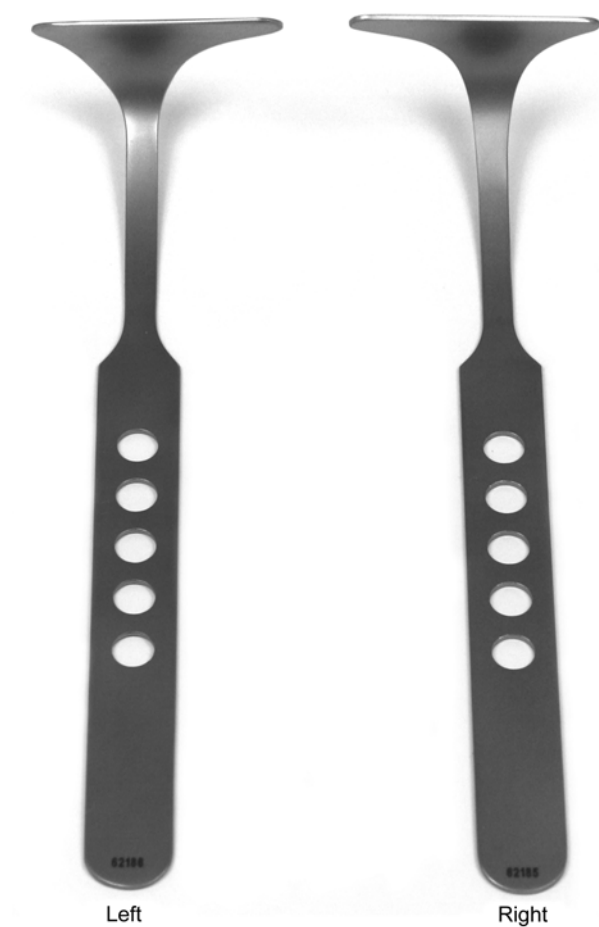
97750-15 Rootman Orbital Retractor, general curved, 160mm, 15mm



97755-30 Rootman Orbital Retractor, hooked skin, 30mm

97760-10 Rootman Orbital Retractor, temporal fossa, 150mm, left

97760-20 Rootman Orbital Retractor, temporal fossa, 150mm, right



97765-15 Rootman Orbital Retractor, vessel, 150mm



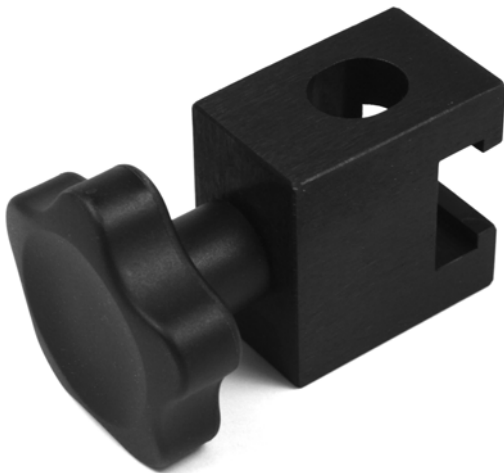
Operating Table Accessories

Clamps



99480-10 Rotary Clamp, toothed, to take 16mm (5/8") dia. shaft or 19mm (3/4") dia. shaft, vee grip, to fit 25mm x 10mm bar

99490-10 Rotary Clamp, toothed, to take 16mm (5/8") dia. shaft or 19mm (3/4") dia. shaft, vee grip, to fit 32mm x 6.5mm (1.1/4" x 1/4") bar



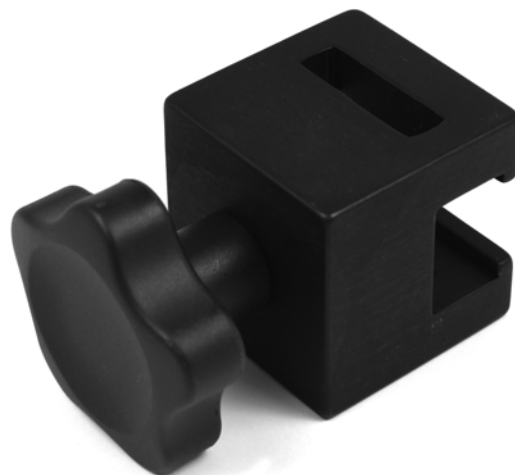
99700-10 Plain Clamp, to take 16mm (5/8") dia. shaft, to fit 32mm x 6.5mm (1.1/4" x 1/4") bar, plastic handle

99710-10 Plain Clamp, to take 16mm (5/8") dia. shaft, to fit 25mm x 10mm bar, plastic handle



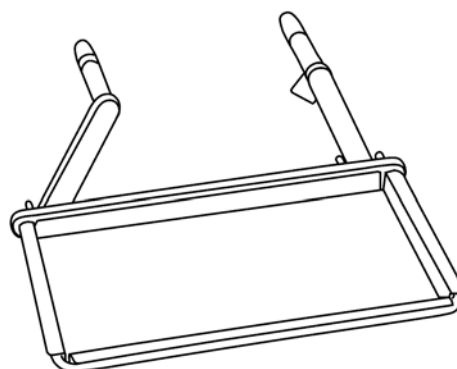
99740-10 Plain Clamp, universal, mark II, to take 16mm (5/8") dia. or 32mm x 6.5mm (1.1/4" x 1/4") bar, to fit 32mm x 6.5mm (1.1/4" x 1/4") or 25mm x 10mm bar

- 99750-10** Plain Clamp, to take 32mm x 6.5mm (1.1/4" x 1/4") bar, to fit 32mm x 6.5mm (1.1/4" x 1/4") bar, plastic handle
- 99760-10** Plain Clamp, to take 32mm x 6.5mm (1.1/4" x 1/4") bar, to fit 25mm x 10mm bar, plastic handle

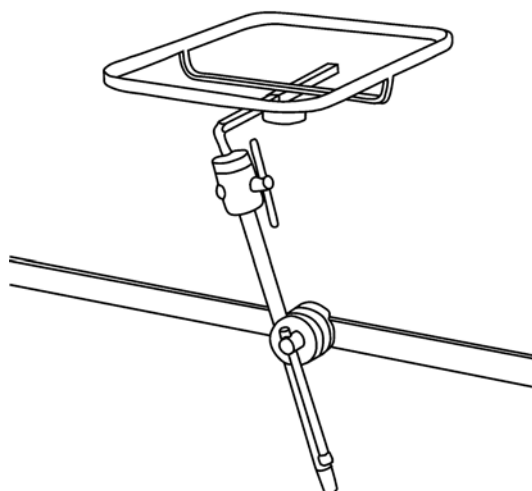


Instrument Trays

- 99350-10** Perineal Instrument Tray, complete with s/s tray
- 99351-10** Perineal Instrument Tray, Scheerer pins, complete with s/s tray
- 99352-10** Perineal Instrument Tray, Maquet pins, complete with s/s tray
- 99353-10** Perineal Instrument Tray, ALM screw locking pins, complete with s/s tray
- 99355-10** Perineal Instrument Tray, s/s tray only

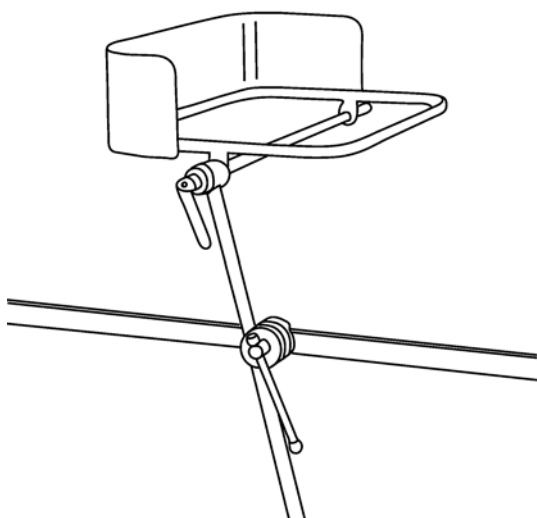


- 99365-10** Plain Instrument Tray, complete with s/s tray



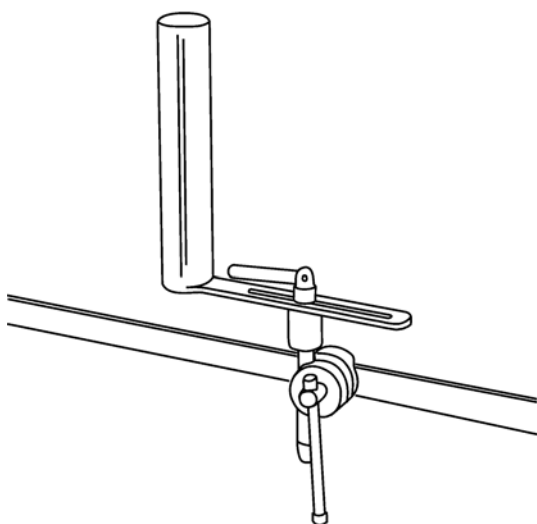
Operating Table Accessories

Instrument Trays



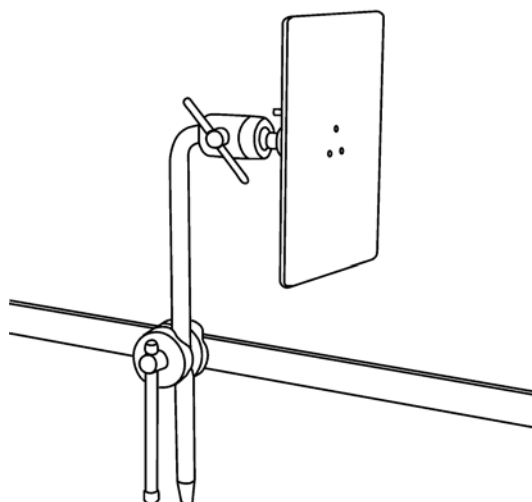
- 99380-10** St.Marks Hospital Pattern Instrument Tray, complete with s/s tray

Supports

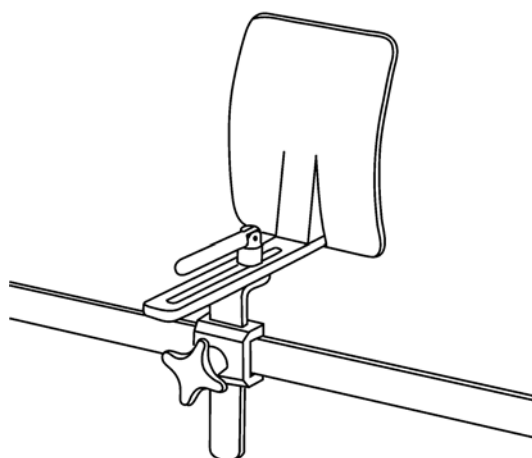


- 99050-10** Pelvic Support, standard upright, 135mm, metalwork only
99050-20 Pelvic Support, standard upright, 135mm, with anti-static pad
99050-30 Pelvic Support, anti-static pad only
99051-10 Pelvic Support, extra long upright, 285mm, metalwork only
99051-20 Pelvic Support, extra long upright, 285mm, with anti-static pad
99055-10 Pelvic Support, drop handle only
99055-20 Pelvic Support, sliding bar and pole only
99055-30 Pelvic Support, standard upright only, 135mm
99055-40 Pelvic Support, extra long upright only, 285mm
99055-50 Pelvic Support, bronze washer only

- 99100-10** Tudor Edwards Support, metalwork only
- 99100-20** Tudor Edwards Support, with anti-static pad
- 99100-30** Tudor Edwards Support, anti-static pad only

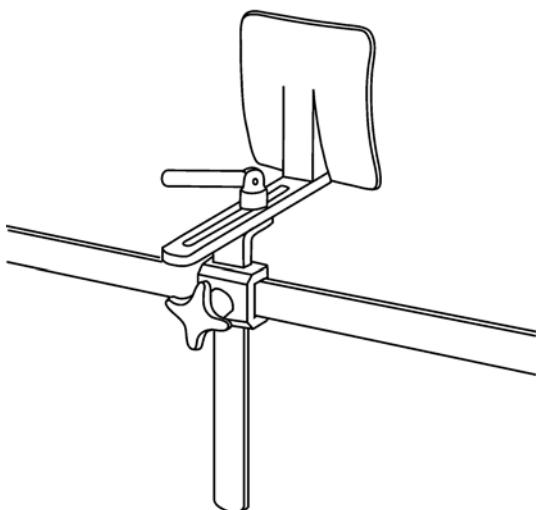


- 99150-10** Lateral Support, adult, short upright, 165mm, metalwork only
- 99150-20** Lateral Support, adult, short upright, 165mm, with anti-static pad
- 99150-30** Lateral Support, adult, anti-static pad only
- 99151-10** Lateral Support, adult, flat plate, short upright, 165mm, metalwork only
- 99151-20** Lateral Support, adult, flat plate, short upright, 165mm, with anti-static pad
- 99160-10** Lateral Support, adult, long upright, 275mm, metalwork only
- 99160-20** Lateral Support, adult, long upright, 275mm, with anti-static pad
- 99161-10** Lateral Support, adult, flat plate, long upright, 275mm, metalwork only
- 99161-20** Lateral Support, adult, flat plate, long upright, 275mm, with anti-static pad
- 99185-10** Lateral Support, drop handle only
- 99185-20** Lateral Support, horizontal arm only
- 99185-30** Lateral Support, adult casting only
- 99185-40** Lateral Support, adult flat plate only
- 99185-70** Lateral Support, short upright only, 165mm

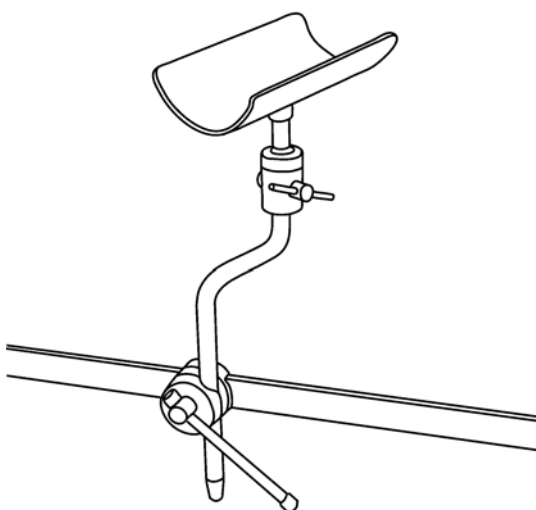


Operating Table Accessories

Supports

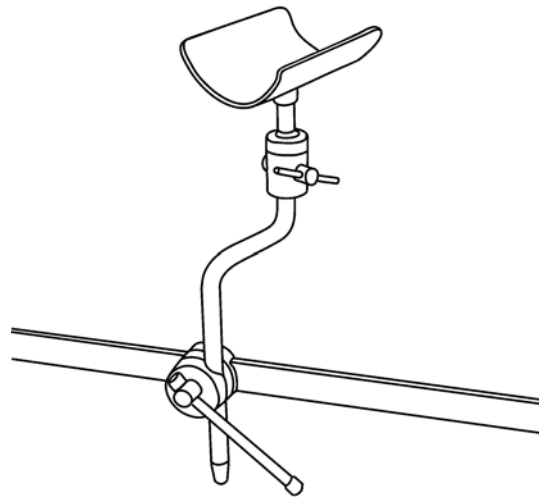


- 99170-10** Lateral Support, child, short upright, 165mm, metalwork only
- 99170-20** Lateral Support, child, short upright, 165mm, with anti-static pad
- 99170-30** Lateral Support, child, anti-static pad only
- 99171-10** Lateral Support, child, flat plate, short upright, 165mm, metalwork only
- 99171-20** Lateral Support, child, flat plate, short upright, 165mm, with anti-static pad
- 99180-10** Lateral Support, child, long upright, 275mm, metalwork only
- 99180-20** Lateral Support, child, long upright, 275mm, with anti-static pad
- 99181-10** Lateral Support, child, flat plate, long upright, 275mm, metalwork only
- 99181-20** Lateral Support, child, flat plate, long upright, 275mm, with anti-static pad
- 99185-50** Lateral Support, child casting only
- 99185-60** Lateral Support, child flat plate only
- 99185-80** Lateral Support, long upright only, 275mm

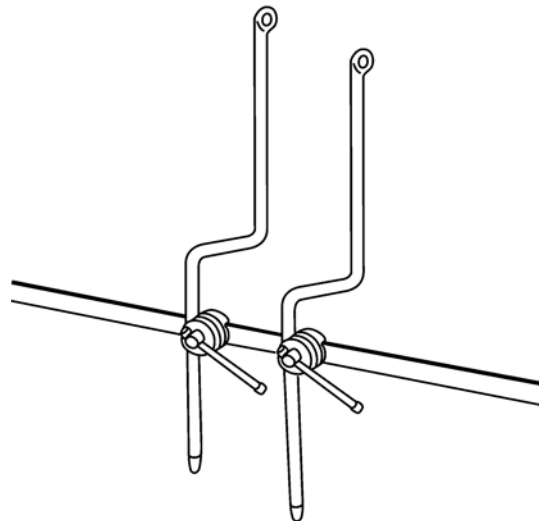


- 99200-10** Carter Braine Arm Support, adult, 215mm long gutter, metalwork only
- 99200-20** Carter Braine Arm Support, adult, 215mm long gutter, with anti-static pad
- 99200-30** Carter Braine Arm Support, adult, 215mm long gutter, anti-static pad only
- 99205-10** Carter Braine Arm Support, child, metalwork only
- 99205-20** Carter Braine Arm Support, child, with anti-static pad
- 99205-30** Carter Braine Arm Support, child, anti-static pad only

- 99220-10** Carter Braine Arm Support, modified for elbow surgery, 150mm long gutter, adult, metalwork only
- 99220-20** Carter Braine Arm Support, modified for elbow surgery, 150mm long gutter, adult, with anti-static pad
- 99220-30** Carter Braine Arm Support, modified for elbow surgery, 150mm long gutter, adult, anti-static pad only

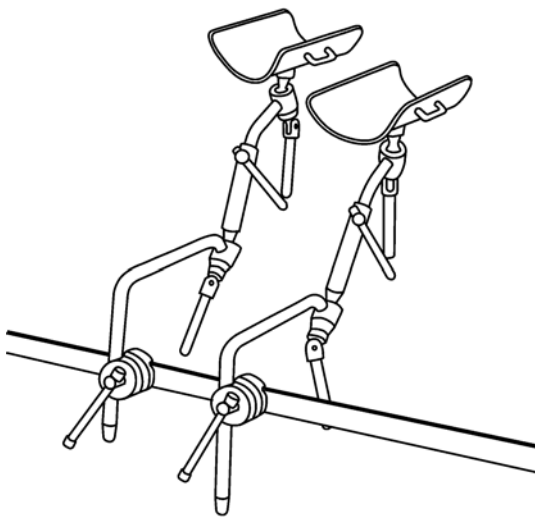


-
- 99250-10** Lithotomy Stirrups, pair, metalwork only
 - 99250-20** Lithotomy Stirrups, pair, with anti-static pads
 - 99250-30** Lithotomy Stirrups, pair, anti-static pads only
 - 99250-40** Lithotomy Stirrups, pair, canvas slings only

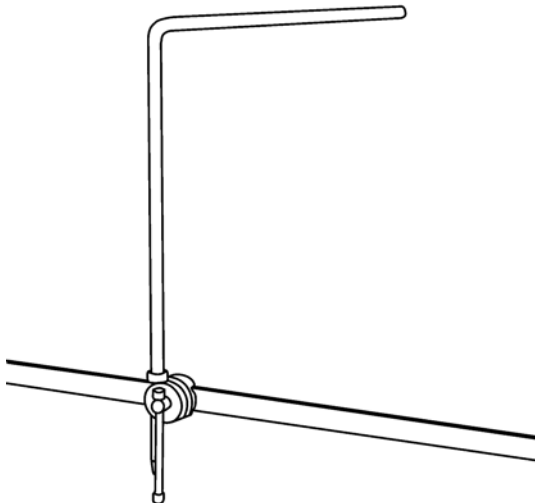


Operating Table Accessories

Supports

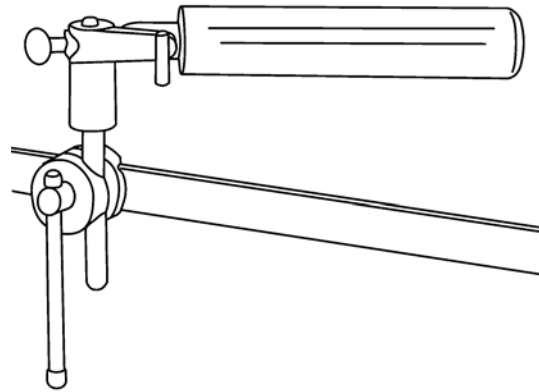


- 99300-10** Lloyd Davis Lithotomy Crutch, pair, metalwork only
- 99300-20** Lloyd Davis Lithotomy Crutch, pair, with anti-static pads
- 99300-30** Lloyd Davis Lithotomy Crutch, pair, anti-static pads only
- 99305-10** Lloyd Davis Lithotomy Crutch, extension tube screw and tommy bar only
- 99305-20** Lloyd Davis Lithotomy Crutch, extension tube only
- 99305-30** Lloyd Davis Lithotomy Crutch, gutter casting only, left
- 99305-40** Lloyd Davis Lithotomy Crutch, gutter casting only, right
- 99305-50** Lloyd Davis Lithotomy Crutch, upper ball joint and gutter only, left
- 99305-60** Lloyd Davis Lithotomy Crutch, upper ball joint and gutter only, right
- 99305-70** Lloyd Davis Lithotomy Crutch, drop handle and screw only

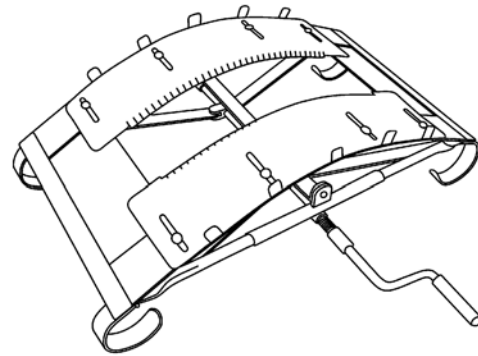


- 99500-10** Anaesthetic Screen, single, metalwork only
- 99500-20** Anaesthetic Screen, single, with anti-static pad
- 99500-30** Anaesthetic Screen, single, anti-static pad only

- 99600-10** Buttock Support, metalwork only
- 99600-20** Buttock Support, with anti-static pad
- 99600-30** Buttock Support, anti-static pad only



-
- 99650-10** Wilson Frame, metalwork only
 - 99650-20** Wilson Frame, with anti-static pads
 - 99650-30** Wilson Frame, anti-static pads only



Operating Table Accessories

Supports



99670-10 Murdoch Mechanical Arm, complete

99670-20 Murdoch Mechanical Arm, universal clamp

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