INTEGRA®

LIMIT UNCERTAINTY



Integra® Miltex®

Podiatry
Surgical Instruments

INTEGRA® LIMIT UNCERTAINTY®

Integra Miltex Podiatry Instruments

Nail Nippers (Premium Grade) 2-6

Nail Splitters and Nail Pulling Forceps (Premium Grade) 7

Bone Splitting & Cutting Forceps 8-10

Bone Rongeurs 11-12

Tissue and Cuticle Nippers 13

Nail Nippers and Splitters (Standard Grade) 14-15

Chrome Instruments 16-17
Nippers, Splitters, Cuticle Tissue Nippers, Nail & Cuticle Scissors

Curettes (Tissue, Bone & Dermal) 18-20

Chisels and Knives 21

Specialty Instruments 22-23
Chisels, Knives, Splitters, Shavers, Cutters, Probes, Packers, Excavators, Spatulas & Elevators

Bone Files 24

Rasps 25

Elevators 26-28

Scissors 29-44

Forceps 45-57
Dressing, Tissue, Splinter, Hemostatic & Tendon

Bone Holding Forceps, Cartilage & Bone Clamps 57-59

Bone Saws and Osteotomes 60-61

Mallets 62

Towel Clamps and Sterilizing Aids 63

Sponge Forceps 64-65

Needle Holders 66-71

Skin and Tissue Hooks 72-73

Retractors 74-77

Pin and Wire Instruments 78-81

Shannon Burs 80

Cast Instruments 82

Diagnostics 83-84
Percussion Hammer, Neurological Hammer, Neurological Pin Wheel, Pin & Wire Gauge for K-Wires, Tape Measure, Ruler, & Tuning Forks

CryoSolutions® 85

Disposable Sterile Products 86-89
Biopsy Punches, Miltex BiopBlade®, Dermal Curettes, Safety Scalpels, Disposable Scalpels, Blades & Handles

Instrument Maintenance 90-99
Cleaners, Lubricants, Enzyme Cleaners, Stain Remover,
Cleaning Brushes, Training DVD, Color Bands, Instrument Guards & Sterilization Cassettes

Stainless Steelware and Instrument Stringers 100-103

Suggested Procedure Sets 104-112

Care and Cleaning Process 113-115

Instrument Warranty 116

Terms and Conditions 117

Service and Repair Return Instructions 118

Suture Size Guides 119-120

Alphabetical Index 121-124

Numerical Index 125-128

Tolerances in product specifications, due to the hand craftsmanship of the instruments, are subject to minor variations in dimensions and finishes.

Anatomy of Integra® Miltex® Nail Instruments



Jaw Design
Exact blade alignment and precision sharpening facilitates cutting and helps to extend the performance life of the instrument.

Box-Lock Design
Fully tempered box-lock helps maintain precise instrument alignment.

Electro-Chemical Etching
Instruments are etched with our logo and catalog number for easy re-ordering.

Springs
Springs enable controlled jaw movement and may help reduce hand fatigue associated with some procedures.

Passivation Process
Passivation helps to protect the instrument against corrosion due to repeated sterilization.

Satin Finish
This finish helps to reduce glare and to provide a better grip during use.

Premium Grade
The Miltex® brand is recognized as a Premium Grade, expertly crafted German instrument.

Standard Grade
Expertly crafted from surgical grade stainless steel German forgings.



40-217



40-210-SS

40-212-SS



40-210-SS*
40-212-SS

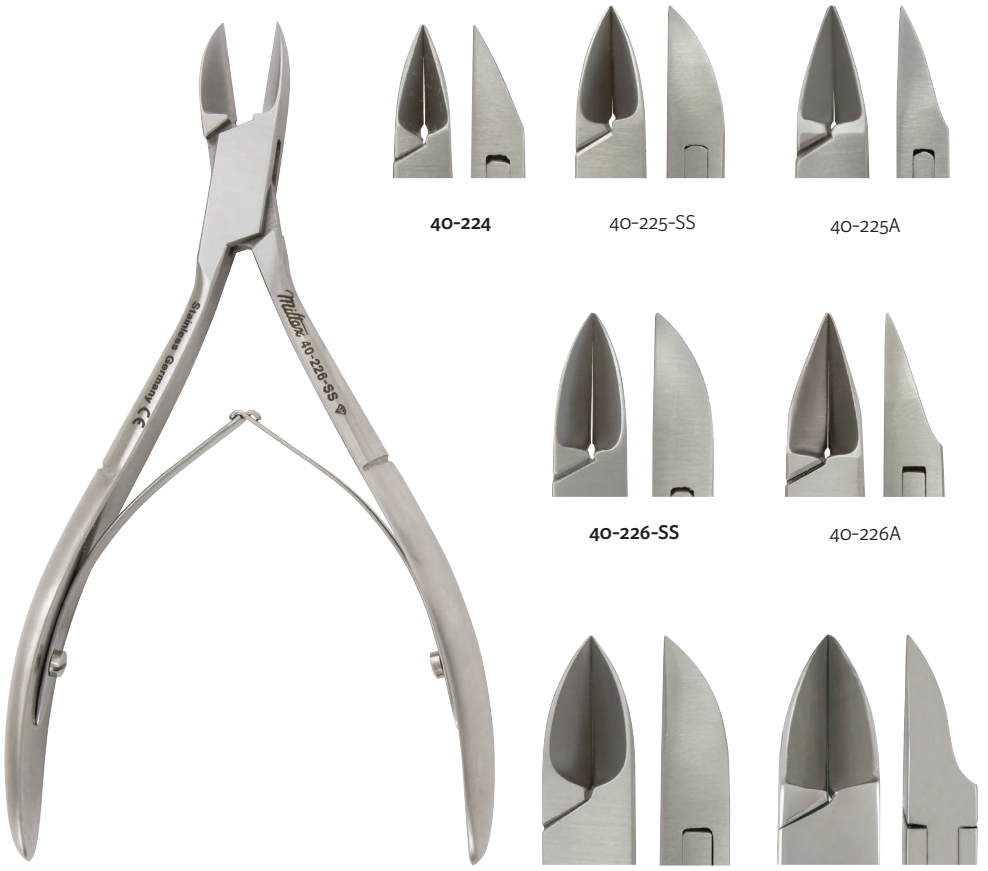
40-215-SS

Reference	Description	Tip/Jaw	Length
40-217	Nail Nipper, Double Spring	concave	5" (12.7 cm)
40-210-SS	**Nail Nipper, Double Spring**	**concave**	**5-1/2" (14 cm)**
40-212-SS	Nail Nipper, Double Spring	straight	5-1/2" (14 cm)
40-215-SS	Nail Nipper, Double Spring	concave, angled	5-1/2" (14 cm)

IMPORTANT: For optimal performance and to reduce spring breakage, it is crucial that instrument cutting edges be sharpened by the manufacturer. This may vary depending on usage rate and number of times instruments are cycled. See page 118 for Service Repair and Return Instructions.

Items in **bold** represent the most popular patterns.

* Product shown



40-224 40-225-SS 40-225A

40-226-SS 40-226A

40-226-SS 40-227-SS 40-228

Reference	Description	Tip/Jaw	Length
40-224	**Nail Nipper, Double Spring**	**straight**	**4" (10.2 cm)**
40-225-SS	Nail Nipper, Double Spring	straight	4-1/2" (11.4 cm)
40-226-SS	**Nail Nipper, Double Spring**	**straight**	**5" (12.7 cm)**
40-227-SS	Nail Nipper, Double Spring	straight, heavy	6" (15.2 cm)
40-225A	Nail Nipper, Double Spring	straight, delicate	4-1/2" (11.4 cm)
40-226A	Nail Nipper, Double Spring	straight, extra narrow	5" (12.7 cm)
40-228	Nail Nipper, Double Spring	straight, extra narrow	6" (15.2 cm)

IMPORTANT: To maintain longevity, instruments with box-lock design should be cleaned prior to sterilization using an Instrument Nylon Brush (Reference# 3-1000) and lubricated with Spray Lube (Reference# 3-700), see pages 90-93 for more information on instrument care and maintenance products.

Items in **bold** represent the most popular patterns.



40204



40208

Reference	Description	Tip/Jaw	Length
40204	Wing-Grip™ Nail Nipper	curved	4-1/2" (11.4 cm)
40208	**Wing-Grip™ Nail Nipper**	**curved**	**5" (12.7 cm)**

IMPORTANT: To maintain longevity, instruments with box-lock design should be cleaned prior to sterilization using an Instrument Nylon Brush (Reference# 3-1000) and lubricated with Spray Lube (Reference# 3-700), see pages 90-93 for more information on instrument care and maintenance products.

Items in **bold** represent the most popular patterns.



40-218PT | 40-218 | 40-219PT | **40-219**

Reference	Description	Tip/Jaw	Length
40-218PT	Double Action Nail Nipper, Petite	straight	4-1/2" (11.4 cm)
40-218	Double Action Nail Nipper	straight	6" (15.2 cm)
40-219PT	Double Action Nail Nipper, Petite	concave	4-1/2" (11.4 cm)
40-219	**Double Action Nail Nipper**	**concave**	**6" (15.2 cm)**

Items in **bold** represent the most popular patterns.



40-230



40-234 40-235

40-234
40-235 *

Reference	Description	Tip/Jaw	Length
40-230	**Nail Splitter, Double Spring**	**English Anvil**	**5" (12.7 cm)**
40-234	Platypus Nail Pulling Forceps	standard	5-1/2" (14 cm)
40-235	Platypus Nail Pulling Forceps	narrow	5-1/2" (14 cm)

Items in **bold** represent the most popular patterns.

* Product shown



25-385

21-626 21-627 21-628 25-384

Reference	Description	Tip/Jaw	Length
21-626	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	straight	5-3/4" (14.6 cm)
21-627	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	curved	5-3/4" (14.6 cm)
21-628	Ruskin (Rowland) Nasal Hump Forceps	straight, narrow	7" (17.8 cm)
25-384	Ruskin Bone Cutting Forceps	straight, standard	7-1/2" (19.1 cm)
25-385	Ruskin Bone Cutting Forceps	slightly angled, standard	7-1/2" (19.1 cm)



22D-428



22D-426



22-490

Reference	Description	Type	Tip/Jaw	Length
22D-428	Bone Cutting Forceps	no. 1 pattern	slightly curved, side cutting	5-1/4" (13.3 cm)
22D-426	Bone Cutting Forceps	no. 5A pattern	slightly curved, side cutting	6-1/2" (16.5 cm)
22-490	Bone Cutting Forceps	no. 5 pattern	slightly curved, side cutting	6-3/4" (17.1 cm)



40-1308



27-1390*
27-1392



27-1400*
27-1402

Reference	Description	Tip/Jaw	Length
40-1308	Liston-Blau Bone Cutting Forceps	straight	5-1/2" (14 cm)
27-1390	Liston Bone Cutting Forceps	straight	5-1/2" (14 cm)
27-1392	Liston Bone Cutting Forceps	straight	7-1/2" (19.1 cm)
27-1400	Liston Bone Cutting Forceps	angled on flat	5-1/2" (14 cm)
27-1402	Liston Bone Cutting Forceps	angled on flat	7-1/2" (19.1 cm)

* Product shown



22D-422*
22D-432



22-482

22-480*
22-481



22-486*
22-488



22-484

Reference	Description	Type	Tip/Jaw	Length
22D-422	Mini-Blumenthal Bone Rongeur	-	25 degree angle	5-1/4" (13.3 cm)
22-480	Blumenthal Bone Rongeur	-	30 degree angle	6" (15.2 cm)
22-481	Blumenthal Bone Rongeur	-	30 degree angle	7" (17.8 cm)
22-482	Blumenthal Bone Rongeur	-	90 degree angle	6" (15.2 cm)
22-486	Bone Rongeur	no. 4 pattern	slightly curved	5-1/2" (14 cm)
22-484	Mead Bone Rongeur	no. 1A pattern	slightly curved	6-1/2" (16.5 cm)
22-488	Bone Rongeur	no. 4A pattern	slightly angled	6-1/2" (16.5 cm)
22D-432	Bone Rongeur	no. 1 pattern	strong curved	6-1/2" (16.5 cm)

* Product shown



17-4800*
17-4801



22-494



19-804



19-1230*
19-1232



19-808

Reference	Description	Tip/Jaw	Length
17-4800	Micro Friedman Rongeur	straight, 1.3 mm jaw width, very delicate	5-1/2" (14 cm)
17-4801	Micro Friedman Rongeur	curved, 1.3 mm jaw width, very delicate	5-1/2" (14 cm)
22-494	Friedman Bone Rongeur	slightly curved, very delicate	5-1/2" (14 cm)
19-804	Hartman Rongeur	strong curve	5-3/4" (14.6 cm)
19-1230	Lempert Rongeur	straight, 2.5 mm jaw width, delicate	6-1/4" (15.9 cm)
19-1232	Lempert Rongeur	curved, 2.5 mm jaw width, delicate	6-1/4" (15.9 cm)
19-808	Bane Rongeur	curved	7" (17.8 cm)

* Product shown



40-245-SS



40-250-SS*
40-251-SS



40-252

Reference	Description	Tip/Jaw	Length
40-245-SS	Tissue and Cuticle Nipper	convex	4" (10.2 cm)
40-250-SS	**Tissue and Cuticle Nipper**	**convex**	**4-1/2" (11.4 cm)**
40-251-SS	Tissue and Cuticle Nipper	convex	5" (12.7 cm)
40-252	Tissue and Cuticle Nipper	convex, heavy pattern	5" (12.7 cm)

IMPORTANT: Removing scalpel blades or cutting wire using nippers and/or splitters will nick and dull the blade edges and void all warranties.

Items in **bold** represent the most popular patterns.

* Product shown

Standard Grade

Expertly crafted from surgical grade stainless steel German forgings.



MH40-224



MH40-225-SS



MH40-226A



MH40-212-SS



MH40-210-SS

Reference	Description	Tip/Jaw	Length
MH40-224	Nail Nipper	straight	4” (10.2 cm)
MH40-225-SS	Nail Nipper	straight	4-1/2” (11.4 cm)
MH40-212-SS	Nail Nipper	straight	5-3/4” (14.6 cm)
MH40-226A	**Nail Nipper**	**straight, delicate**	**5” (12.7 cm)**
MH40-210-SS	Nail Nipper	concave	5-3/4” (14.6 cm)

Items in **bold** represent the most popular patterns.



MH40-245-SS



MH40-250-SS



MH40-230



MH40-226-SS



MH40-227-SS

Reference	Description	Tip/Jaw	Length
MH40-245-SS	**Tissue and Cuticle Nipper**	**convex**	**4" (10.2 cm)**
MH40-250-SS	**Tissue and Cuticle Nipper**	**convex**	**4-1/2" (11.4 cm)**
MH40-230	Nail Splitter	English Anvil	5" (12.7 cm)
MH40-226-SS	**Nail Nipper**	**straight**	**5" (12.7 cm)**
MH40-227-SS	Nail Nipper	straight, heavy	6" (15.2 cm)

Items in **bold** represent the most popular patterns.

IMPORTANT: Do not autoclave chrome instruments with stainless steel. Failure to separate dissimilar metals may cause corrosion and/or discoloration of stainless steel instruments during sterilization.



40-245-CH



40-250-CH*
40-251-CH



40-225-CH



40-226-CH



40-227-CH

40-226-CH



40-210-CH



40-212-CH



40-210-CH*
40-212-CH



40-215-CH

Reference	Description	Tip/Jaw	Length
40-245-CH	Tissue and Cuticle Nipper, Double Spring	convex	4" (10.2 cm)
40-250-CH	Tissue and Cuticle Nipper, Double Spring	convex	4-1/2" (11.4 cm)
40-251-CH	Tissue and Cuticle Nipper, Double Spring	convex	5" (12.7 cm)
40-225-CH	Nail Nipper, Single Spring	straight	4-1/2" (11.4 cm)
40-226-CH	Nail Nipper, Single Spring	straight	5" (12.7 cm)
40-212-CH	Nail Nipper, Double Spring	straight	5-1/2" (14 cm)
40-227-CH	Nail Nipper, Single Spring	straight	6" (15.2 cm)
40-210-CH	Nail Nipper, Double Spring	concave	5-1/2" (14 cm)
40-215-CH	Nail Nipper, Double Spring	concave, angled	5-1/2" (14 cm)

* Product shown



40-200



40-205*
40-207



40-425



40-435



40-445

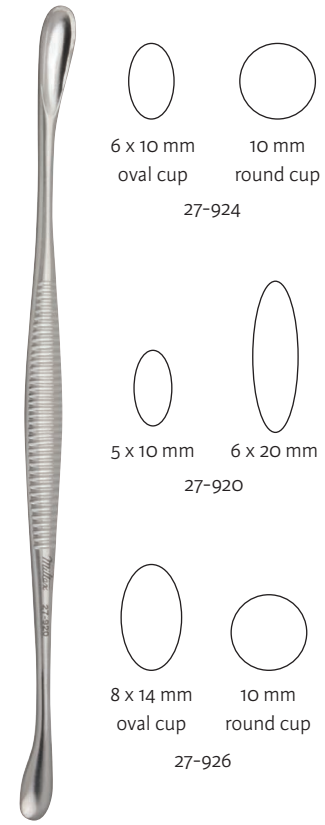


40-220

Reference	Description	Tip/Jaw	Length
40-200	**Nail Nipper, Single Spring**	**concave**	**4-1/2" (11.4 cm)**
40-205	Nail Nipper, Barrel Spring	concave	4-1/2" (11.4 cm)
40-207	**Nail Nipper, Barrel Spring**	**concave**	**5-1/2" (14 cm)**
40-425	Nail Scissors	curved	3-1/2" (8.9 cm)
40-435	Cuticle Scissors	curved	3-1/2" (8.9 cm)
40-445	Cuticle Scissors	curved, extra delicate	3-1/2" (8.9 cm)
40-220	Tissue and Cuticle Nipper, Ring Handles	straight	4" (10.2 cm)

Items in **bold** represent the most popular patterns.

* Product shown

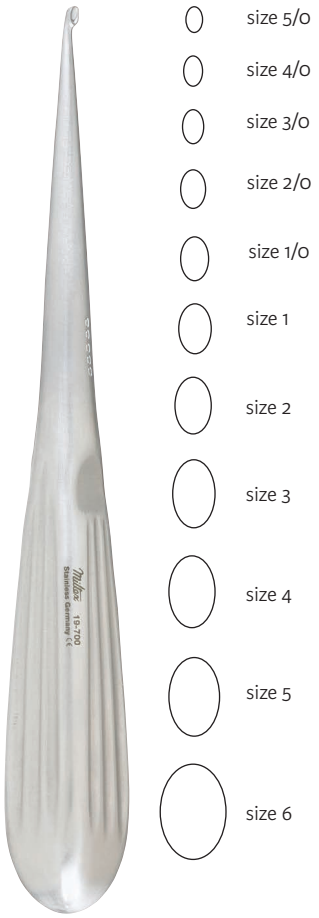


27-924
27-920*
27-926



21-321

21-322



19-700* to
19-720

Reference	Description	Type	length
27-924	Volkman Curette	double ended, oval cup 6 x 10 mm and round cup 10 mm	5" (12.7 cm)
27-920	Volkman Curette	double ended, oval cups 5 x 10 mm and 6 x 20 mm	5-1/2" (14 cm)
27-926	Volkman Curette	double ended, oval cup 8 x 14 mm and round cup 10 mm	6-1/2" (16.5 cm)
21-321	Martini Bone Curette	double ended, 4 mm and 5 mm round cups	5-1/2" (14 cm)
21-322	Williger Bone Curette	double ended, 3 mm and 4 mm oval cups	5-1/2" (14 cm)
19-700	Spratt Curette	size 5/0 (2.2 x 3.4 mm)	6-3/4" (17.1 cm)
19-702	Spratt Curette	size 4/0 (2.5 x 4.0 mm)	6-3/4" (17.1 cm)
19-704	Spratt Curette	size 3/0 (2.8 x 4.5 mm)	6-3/4" (17.1 cm)
19-706	Spratt Curette	size 2/0 (3.3 x 5.1 mm)	6-3/4" (17.1 cm)
19-708	Spratt Curette	size 1/0 (3.7 x 5.8 mm)	6-3/4" (17.1 cm)
19-710	Spratt Curette	size 1 (4.3 x 6.6 mm)	6-3/4" (17.1 cm)
19-712	Spratt Curette	size 2 (4.8 x 7.5 mm)	6-3/4" (17.1 cm)
19-714	Spratt Curette	size 3 (5.6 x 9.0 mm)	6-3/4" (17.1 cm)
19-716	Spratt Curette	size 4 (6.1 x 9.5 mm)	6-3/4" (17.1 cm)
19-718	Spratt Curette	size 5 (6.7 x 10.4 mm)	6-3/4" (17.1 cm)
19-720	Spratt Curette	size 6 (8.7 x 12.6 mm)	6-3/4" (17.1 cm)

* Product shown



33-2* to
33-5B



33-16-00 to
33-16-3
33-16-1*



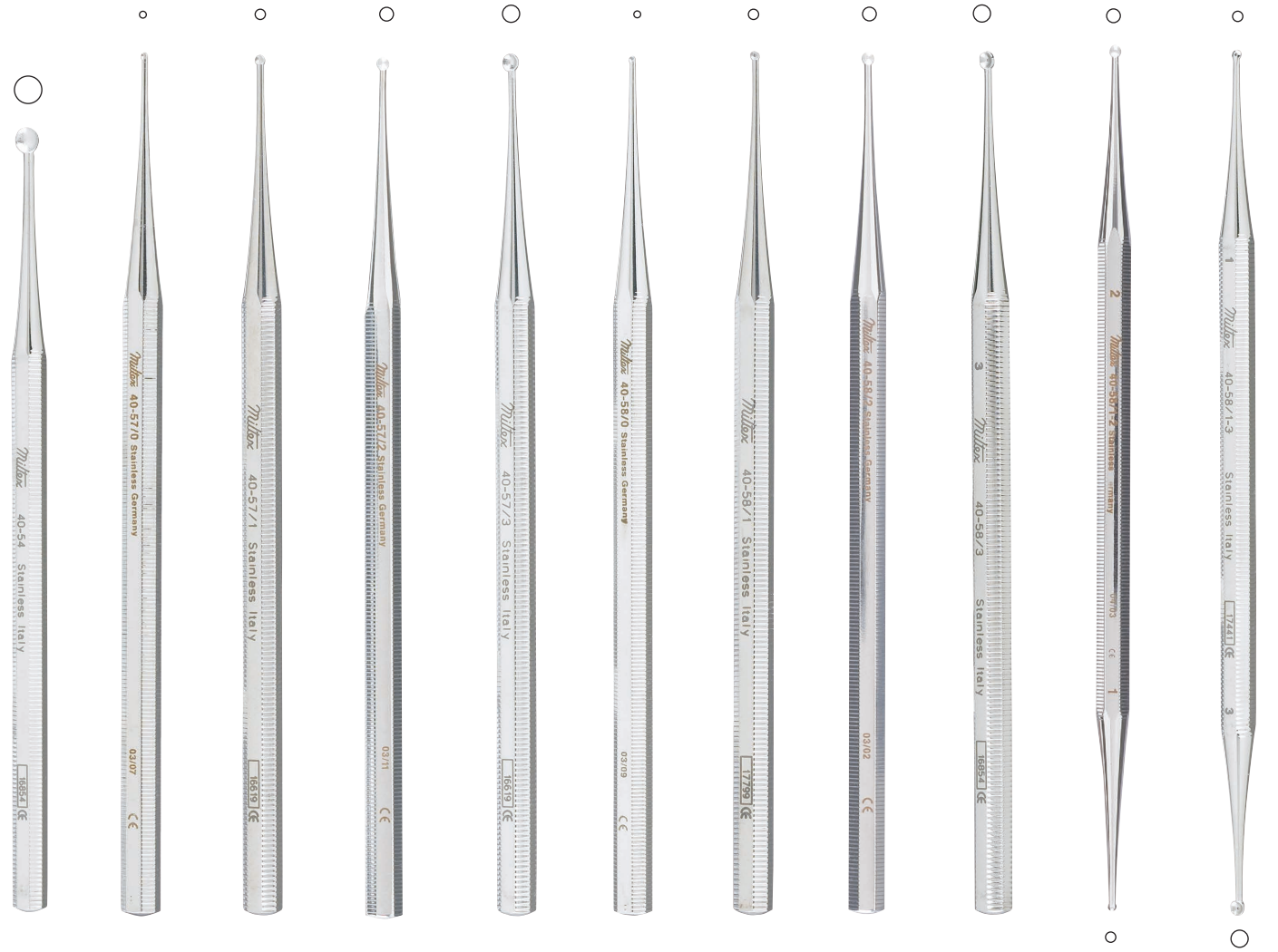
33-6* to
33-11A



33-12*
33-13
33-14
33-15

Reference	Description	Type	Length
33-5B	Fox Dermal Curette	round, 1 mm	5-1/2" (14 cm)
33-5A	Fox Dermal Curette	round, 2 mm	5-1/2" (14 cm)
33-5	Fox Dermal Curette	round, 3 mm	5-1/2" (14 cm)
33-4	Fox Dermal Curette	round, 4 mm	5-1/2" (14 cm)
33-3	Fox Dermal Curette	round, 5 mm	5-1/2" (14 cm)
33-2	Fox Dermal Curette	round, 6 mm	5-1/2" (14 cm)
33-16-00	Piffard Dermal Curette	oval, narrow handle, size 00 (1 mm)	5-1/2" (14 cm)
33-16-0	Piffard Dermal Curette	oval, narrow handle, size 0 (1.5 mm)	5-1/2" (14 cm)
33-16-1	Piffard Dermal Curette	oval, narrow handle, size 1 (3 mm)	5-1/2" (14 cm)
33-16-2	Piffard Dermal Curette	oval, narrow handle, size 2 (5 mm)	5-1/2" (14 cm)
33-16-3	Piffard Dermal Curette	oval, narrow handle, size 3 (6 mm)	5-1/2" (14 cm)
33-6	Piffard Dermal Curette	oval, size 1 (3 mm)	6-1/4" (15.9 cm)
33-8	Piffard Dermal Curette	oval, size 2 (5 mm)	6-1/4" (15.9 cm)
33-10	Piffard Dermal Curette	oval, size 3 (6 mm)	6-1/4" (15.9 cm)
33-11	Piffard Dermal Curette	oval, size 4 (8 mm)	6-1/4" (15.9 cm)
33-11A	Piffard Dermal Curette	oval, size 5 (10 mm)	6-1/4" (15.9 cm)
33-12	Dermal Curette	oval spoon, size 0 (3 mm)	6-1/4" (15.9 cm)
33-13	Dermal Curette	oval spoon, size 1 (4 mm)	6-1/4" (15.9 cm)
33-14	Dermal Curette	oval spoon, size 2 (5 mm)	6-1/4" (15.9 cm)
33-15	Dermal Curette	oval spoon, size 3 (6 mm)	6-1/4" (15.9 cm)

* Product shown



40-54 | 40-57/0 | 40-57/1 | **40-57/2** | **40-57/3** | 40-58/0 | 40-58/1 | 40-58/2 | **40-58/3** | **40-58/1-2** | **40-58/1-3**

Reference	Description	Type	Length
40-54	**Verruca Curette**	**4 mm cup**	**5" (12.7 cm)**
40-57/0	Curette Without Hole	extra small, 1 mm	5-1/2" (14 cm)
40-57/1	Curette Without Hole	small, 1.5 mm	5-1/2" (14 cm)
40-57/2	**Curette Without Hole**	**medium, 2 mm**	**5-1/2" (14 cm)**
40-57/3	**Curette Without Hole**	**large, 2.5 mm**	**5-1/2" (14 cm)**
40-58/0	Curette With Hole	extra small, 1 mm	5-1/2" (14 cm)
40-58/1	Curette With Hole	small, 1.5 mm	5-1/2" (14 cm)
40-58/2	Curette With Hole	medium, 2 mm	5-1/2" (14 cm)
40-58/3	**Curette With Hole**	**large, 2.5 mm**	**5-1/2" (14 cm)**
40-58/1-2	**Curette Excavator**	**double ended, with holes, 1.5 mm and 2 mm**	**5-1/2" (14 cm)**
40-58/1-3	**Curette Excavator**	**double ended, with holes, 1.5 mm and 2.5 mm**	**5-1/2" (14 cm)**

Items in **bold** represent the most popular patterns.



40-07 40-09 40-11 40-15 40-19 40-31 40-43 40-45 **40-47**

Reference	Description	Type/Blade	Length
40-07	Chisel, Solid Octagon Handle	curved, 13 mm	5" (12.7 cm)
40-09	Chisel, Solid Octagon Handle	curved, 18 mm	5" (12.7 cm)
40-11	Chisel, Solid Octagon Handle	curved, 8 mm	5" (12.7 cm)
40-15	Chisel, Solid Octagon Handle	curved, 15 mm	5" (12.7 cm)
40-19	Knife, Solid Octagon Handle	curved, straight back, 25 mm	5" (12.7 cm)
40-31	Corn Knife, Solid Octagon Handle	heavy, 35 mm	5" (12.7 cm)
40-43	Golf Stick Knife, Solid Octagon Handle	forward cutting	5" (12.7 cm)
40-45	Soft Corn Spoon Knife, Solid Octagon Handle	straight	5" (12.7 cm)
40-47	**Soft Corn Spoon Knife, Solid Octagon Handle**	**curved**	**5" (12.7 cm)**

Items in **bold** represent the most popular patterns.



40-59 40-61 40-67 40-69 40-71 40-79 40-81 40-83 21-430

Reference	Description	Type/Blade	Length
40-59	**Nail Splitter**	**straight, 2 mm wide**	**5" (12.7 cm)**
40-60	Nail Splitter	angled, 2 mm wide	5" (12.7 cm)
40-61	**Nail Splitter**	**straight, 3.5 mm wide**	**5" (12.7 cm)**
40-62	Nail Splitter	angled, 3.5 mm wide	5" (12.7 cm)
40-67	Hand Chisel	curved, 6 mm wide	5" (12.7 cm)
40-69	**Elevator/Chisel**	**curved, semi sharp**	**5" (12.7 cm)**
40-71	Nucleus Knife	2 mm	5" (12.7 cm)
40-73	Nucleus Knife	3 mm	5" (12.7 cm)
40-75	Nucleus Knife	4 mm	5" (12.7 cm)
40-79	Gouge	round tip, 2.5 mm wide	5" (12.7 cm)
40-81	Ingrown Nail Shaver	fenestrated, inside cutting edge	5" (12.7 cm)
40-83	Ingrown Nail Cutter	sharp hook edge	5" (12.7 cm)
21-430	Tissue Twist Hook	-	5-1/2" (14 cm)

Items in **bold** represent the most popular patterns.



40-94 40-96 40-90 40-89 **40-91** 40-92 **40-93**

Reference	Description	Type	Length
40-94	**Locke Elevator**	**small blade, 3 x 15 mm**	**4-1/2" (11.4 cm)**
40-96	Locke Elevator	large blade, 5 x 20 mm	5" (12.7 cm)
40-90	Packer and Excavator	2 x 25 mm packer, blunt hook	5-1/2" (14 cm)
40-89	Probe and Excavator	blunt probe, blunt hook	6" (15.2 cm)
40-91	**Spatula and Packer**	**oval spatula 7 mm wide, 2 x 25 mm packer**	**6" (15.2 cm)**
40-92	Probe and Packer	blunt probe, 2 x 25 mm packer	6" (15.2 cm)
40-93	**Nail/Bone Rasp**	**double-ended, backward cutting**	**6-3/4" (17.1 cm)**

Items in **bold** represent the most popular patterns.



40-1370 **40-1381** **40-1382** 40-1385 40-1371 40-1380 40-1375 40-2800 40-2801 40-2802

Reference	Description	Type	Length
40-1370	Bone File	double ended, no. 10, plain serrations	7" (17.8 cm)
40-1381	**Howard Bone File**	**double ended, no. 12, plain serrations**	**7" (17.8 cm)**
40-1382	**Howard Bone File**	**double ended, no. 12A, one plain, one cross serrated**	**7" (17.8 cm)**
40-1385	**Howard Bell Bone File**	**double ended, no. 12CA, cross serrations**	**7" (17.8 cm)**
40-1371	Bone File	double ended, no. 33, plain serrations	7" (17.8 cm)
40-1380	Miller Bone File	double ended, no. 45, plain serrations	7" (17.8 cm)
40-1375	Miller Bone File	double ended, no. 64, plain serrations	7" (17.8 cm)
40-2800	Polokoff Bone File	double ended, narrow (POL-1)	7-1/4" (18.4 cm)
40-2801	Polokoff Bone File	short head, fine serrations (POL-2)	6" (15.2 cm)
40-2802	Polokoff Bone File	long head, medium serrations	6-1/2" (16.5 cm)

Items in **bold** represent the most popular patterns.



21-330 21-360 21-342 21-346* 21-348 21-352 21-338 **21-343** **21-368**

Reference	Description	Type	Length
21-330	Joseph Rasp	fine cross serrations	6-1/4" (15.9 cm)
21-360	Gallaher Rasp	coarse teeth, straight	6-1/2" (16.5 cm)
21-342	Maltz Nasal Rasp	backward cutting	7" (17.8 cm)
21-346	Aufricht Glabella Rasp	curved, forward cutting	7-1/8" (18.1 cm)
21-348	Aufricht Glabella Rasp	curved, backward cutting	7-1/8" (18.1 cm)
21-352	Lewis Nasal Rasp	fine teeth, backward cutting	7-1/2" (19.1 cm)
21-354	Lewis Nasal Rasp	coarse teeth, backward cutting	7-1/2" (19.1 cm)
21-338	Cottle Rasp	backward cutting	8" (20.3 cm)
21-343	**Maltz Rasp**	**double ended, forward/backward cutting**	**8-1/4" (21 cm)**
21-368	**Fomon Rasp**	**double ended, 4-sided, fine/coarse teeth, flat/convex**	**8-1/4" (21 cm)**
21-369	Fomon Rasp	double ended, coarse/flat, convex/backward cutting	8-1/4" (21 cm)
21-370	Fomon Rasp	double ended, fine/flat, convex/backward cutting	8-1/4" (21 cm)

Items in **bold** represent the most popular patterns.

* Product shown



21-62 21-63 **21-64** 21-68 21-72 26-1403 26-1410 **26-1412**

Reference	Description	Type	Length
21-62	McKenty Elevator	curved tip, 4 mm wide	6" (15.2 cm)
21-63	McKenty Elevator	curved tip, 5 mm wide	6" (15.2 cm)
26-1403	Cushing Periosteal Elevator	"Little Joker", slightly curved, 7 mm wide	6" (15.2 cm)
21-68	Fomon Periosteal Elevator	slightly curved, 4.5 mm wide	6-1/4" (15.9 cm)
21-64	**Joseph Periosteal Elevator**	**strong curve, 6.5 mm wide**	**7" (17.8 cm)**
21-72	Cottle Skin Elevator	slightly curved, 9 mm wide	7-1/2" (19.1 cm)
26-1410	Langenbeck Periosteal Elevator	curved, blunt, 7 mm wide	7-1/2" (19.1 cm)
26-1412	**Langenbeck Periosteal Elevator**	**curved, sharp, 17 mm wide**	**7-1/2" (19.1 cm)**

Items in **bold** represent the most popular patterns.



73-62 | **27-744*** 27-746 | **18-1968** | DELOHL | DELS23 | 27-752 | 27-753 | 27-754

Reference	Description	Blade	Length
73-62	Periosteal Elevator	double ended, slightly curved, 3 mm wide spear point / 6 mm wide curved end	6" (15.2 cm)
27-744	**Sayre Periosteal Elevator**	**straight blunt and curved sharp**	**6-3/4" (17.1 cm)**
27-746	Sayre Periosteal Elevator	straight blunt and curved blunt	6-3/4" (17.1 cm)
18-1968	**Freer Elevator**	**double ended, sharp/blunt, 5 mm wide**	**7" (17.8 cm)**
DELOHL	OHL Periosteal Elevator	double ended, sharp rounded and pointed, 6 mm wide	7" (17.8 cm)
DELS23	23 Seldin Periosteal Elevator	double ended, slightly curved, 10 mm and 13 mm wide	7-3/4" (19.7 cm)
27-752	Crego Periosteal Elevator	slightly curved, 7 mm	8" (20.3 cm)
27-753	Crego Periosteal Elevator	fully curved, 7 mm	8" (20.3 cm)
27-754	Crego Periosteal Elevator	fully curved, 14 mm	8" (20.3 cm)

Items in **bold** represent the most popular patterns.

* Product shown

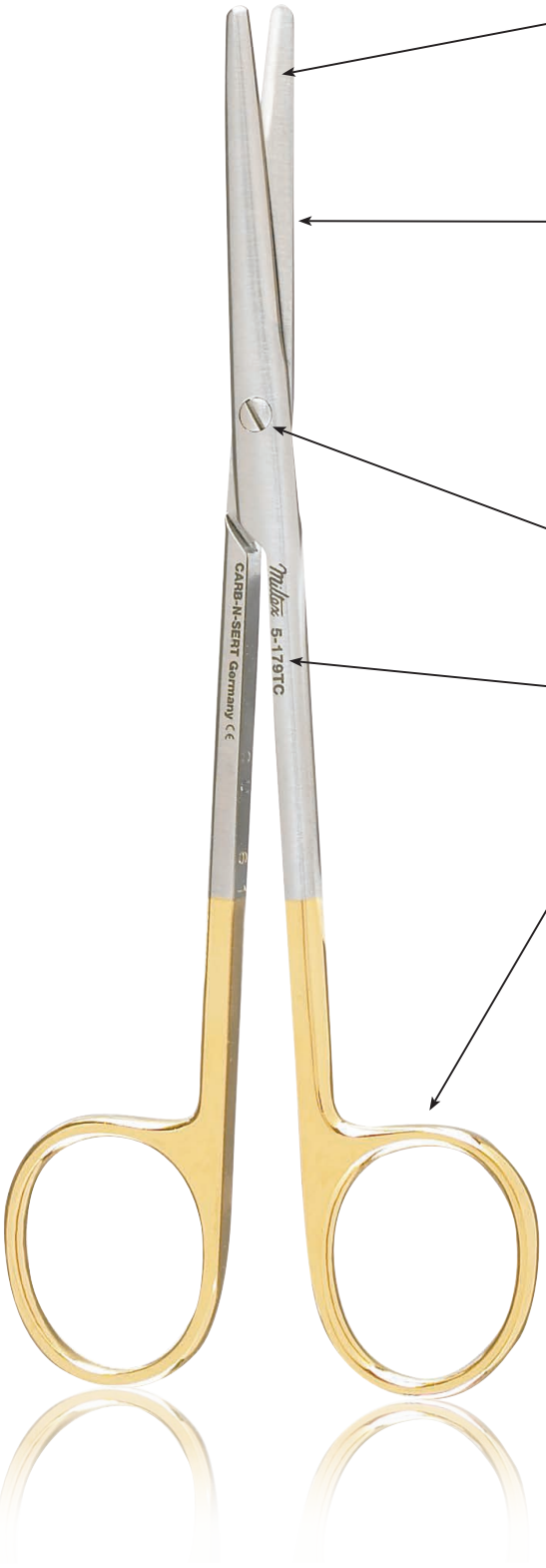


40-2850 | 40-2851 | **40-2852** | 40-2853 | 40-2854

Reference	Description	Blade	Length
40-2850	Metatarsal Elevator	9 mm wide	6-3/8" (16.2 cm)
40-2851	**Metatarsal Elevator**	**11 mm wide**	**6-3/8" (16.2 cm)**
40-2852	**Metatarsal Elevator**	**13 mm wide**	**6-3/8" (16.2 cm)**
40-2853	Metatarsal Elevator	15 mm wide	6-3/8" (16.2 cm)
40-2854	Metatarsal Elevator	17 mm wide	6-3/8" (16.2 cm)
40-2855	**Metatarsal Elevator Kit**	**contains 1 of each size**	**-**

Items in **bold** represent the most popular patterns.

Anatomy of Integra® Miltex® Scissors



Choice of Blades
- Tungsten Carbide
- SuperCut
- SuperCut/Tungsten Carbide combination
- Stainless Steel

Blade Design
Tungsten Carbide inserts are seamlessly bonded to quality stainless steel surgical scissors then precisely ground and honed on diamond wheels.

SuperCut Scissors have a finely beveled blade with a razor-sharp edge and an opposing blade with micro-fine serrations to help prevent tissue slippage and to facilitate cutting.

Screw Lock
Fully tempered precision screw locks help maintain precise alignment.

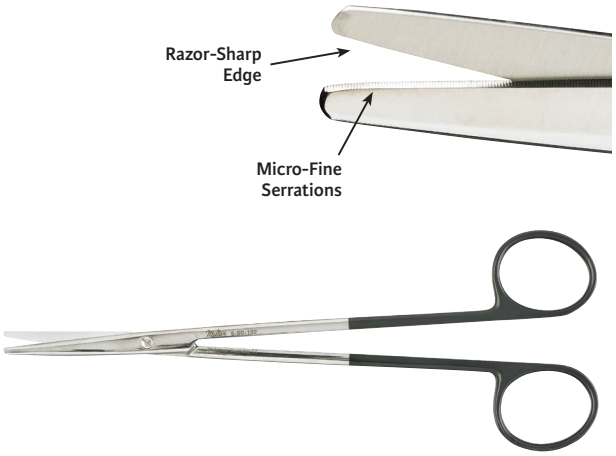
Laser Etching
All scissors are laser etched with our logo and catalog number for easy re-ordering.

Ring Handles
Well rounded and polished handles provide a more comfortable grip. Gold and black finished handles differentiate Tungsten Carbide and SuperCut Scissors.

SuperCut Scissors

SuperCut Scissors have a specially designed razor-sharp upper blade edge. The lower blade has micro-fine serrations to hold tissue and to help prevent slippage. For easy identification, SuperCut Scissors have black ring handles.

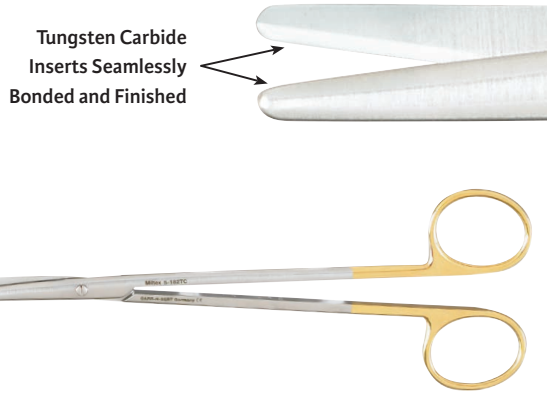
Proper handling and cleaning will help extend the service life of the instrument. Regular sharpening is recommended and is a service provided by Integra Miltex.



Tungsten Carbide Scissors*

These scissors have blades crafted with durable tungsten carbide material.

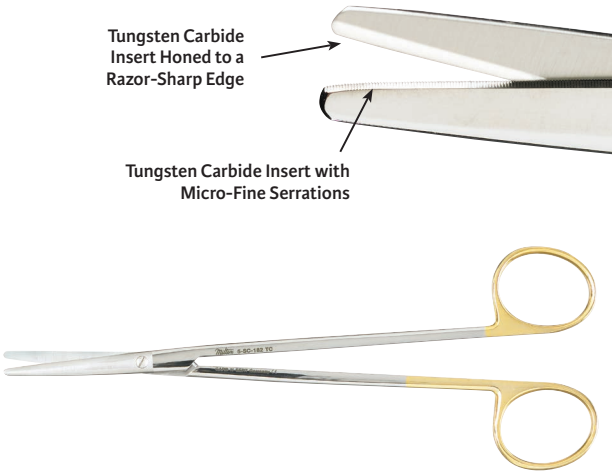
Tungsten Carbide Scissors are easily identified by their gold ring handles.



Supercut/Tungsten Carbide Scissors*

The combination SuperCut/Tungsten Carbide Scissors offer precision SuperCut performance with one lower serrated blade and one upper razor-sharp blade combined with the durability of Tungsten Carbide cutting edges.

SuperCut/Tungsten Carbide Scissors are easily identified with one short and one long gold-plated ring handle. (Padgett® Scissors have two long gold plated ring handles.)



* Note: cold or chemical sterilization is not recommended for tungsten carbide instruments.



5-300
5-304
5-304TC*



5-302
5-306
5-306TC*



5-308



5-290*
5-291



40-425



40-435*
40-445

Reference	Description	Tip/Blade	Type	Length
5-300	**Iris Scissors**	**straight**	**-**	**4" (10.2 cm)**
5-304	**Iris Scissors**	**straight**	**-**	**4-1/2" (11.4 cm)**
5-304TC	**Iris Scissors**	**straight**	**Tungsten Carbide**	**4-1/2" (11.4 cm)**
5-302	Iris Scissors	curved	-	4" (10.2 cm)
5-306	**Iris Scissors**	**curved**	**-**	**4-1/2" (11.4 cm)**
5-306TC	**Iris Scissors**	**curved**	**Tungsten Carbide**	**4-1/2" (11.4 cm)**
5-308	Iris Scissors	angled on side	-	4-1/2" (11.4 cm)
5-290	Ragnell Dissecting Scissors	curved	-	5" (12.7 cm)
5-291	Ragnell Dissecting Scissors	curved	-	7" (17.8 cm)
40-425	Nail Scissors	curved	Chrome	3-1/2" (8.9 cm)
40-435	Cuticle Scissors	curved, standard	Chrome	3-1/2" (8.9 cm)
40-445	Cuticle Scissors	curved, extra delicate	Chrome	3-1/2" (8.9 cm)

Items in **bold** represent the most popular patterns.

* Product shown



5-312TC* 5-312
5-314TC 5-314



18-1453*
18-1454



18-1477 18-1472
18-1478 18-1474
18-1470* 18-1476

Reference	Description	Tip/Blade	Type	Length
5-312TC	Strabismus Scissors	straight	Tungsten Carbide	4-1/2" (11.4 cm)
5-314TC	Strabismus Scissors	curved	Tungsten Carbide	4-1/2" (11.4 cm)
5-312	Strabismus Scissors	straight	-	4" (10.2 cm)
5-314	Strabismus Scissors	curved	-	4" (10.2 cm)
18-1453	Strabismus Scissors, Ribbon-Type	straight	-	4-1/4" (10.8 cm)
18-1454	Strabismus Scissors, Ribbon-Type	curved	-	4-1/4" (10.8 cm)
18-1477	Stevens Tenotomy Scissors, Ribbon-Type	straight, blunt	-	3-3/4" (9.5 cm)
18-1478	Stevens Tenotomy Scissors, Ribbon-Type	curved, blunt	-	3-3/4" (9.5 cm)
18-1470	Stevens Tenotomy Scissors	straight, sharp	-	4-1/2" (11.4 cm)
18-1472	Stevens Tenotomy Scissors	straight, blunt	-	4-1/2" (11.4 cm)
18-1474	Stevens Tenotomy Scissors	curved, sharp	-	4-1/2" (11.4 cm)
18-1476	Stevens Tenotomy Scissors	curved, blunt	-	4-1/2" (11.4 cm)

* Product shown



5-SC-120*
5-SC-122
5-SC-124
5-SC-126



5-120TC*
5-122TC
5-124TC
5-126TC



5-140TC*
5-142TC

Reference	Description	Tip/Blade	Type	Length
5-SC-120	**Mayo Dissecting Scissors**	**straight, beveled**	**SuperCut**	**5-1/2" (14 cm)**
5-SC-124	**Mayo Dissecting Scissors**	**straight, beveled**	**SuperCut**	**6-3/4" (17.1 cm)**
5-SC-122	Mayo Dissecting Scissors	curved, beveled	SuperCut	5-1/2" (14 cm)
5-SC-126	Mayo Dissecting Scissors	curved, beveled	SuperCut	6-3/4" (17.1 cm)
5-120TC	**Mayo Dissecting Scissors**	**straight, beveled**	**Tungsten Carbide**	**5-1/2" (14 cm)**
5-124TC	**Mayo Dissecting Scissors**	**straight, beveled**	**Tungsten Carbide**	**6-3/4" (17.1 cm)**
5-122TC	Mayo Dissecting Scissors	curved, beveled	Tungsten Carbide	5-1/2" (14 cm)
5-126TC	Mayo Dissecting Scissors	curved, beveled	Tungsten Carbide	6-3/4" (17.1 cm)
5-140TC	Mayo Dissecting Scissors	straight, rounded	Tungsten Carbide	6-3/4" (17.1 cm)
5-142TC	Mayo Dissecting Scissors	curved, rounded	Tungsten Carbide	6-3/4" (17.1 cm)

Items in **bold** represent the most popular patterns.

* Product shown

Serratex Operating Scissors

Standard pattern operating scissors featuring one blade with fine serrations to help reduce slippage.



5-120*	5-136*	5-115*	5-132*	5-70*	5-74
5-122	5-138	5-116	5-134	5-72	5-76
5-124	5-140			5-73	5-77
5-126	5-142				

Reference	Description	Tip/Blade	Type	Length
5-120	**Mayo Dissecting Scissors**	**straight, beveled**	**-**	**5-1/2" (14 cm)**
5-124	**Mayo Dissecting Scissors**	**straight, beveled**	**-**	**6-3/4" (17.1 cm)**
5-136	Mayo Dissecting Scissors	straight, rounded	-	5-1/2" (14 cm)
5-140	Mayo Dissecting Scissors	straight, rounded	-	6-3/4" (17.1 cm)
5-122	Mayo Dissecting Scissors	curved, beveled	-	5-1/2" (14 cm)
5-126	Mayo Dissecting Scissors	curved, beveled	-	6-3/4" (17.1 cm)
5-138	Mayo Dissecting Scissors	curved, rounded	-	5-1/2" (14 cm)
5-142	Mayo Dissecting Scissors	curved, rounded	-	6-3/4" (17.1 cm)
5-115	Mayo Operating Scissors	straight, sharp/sharp	-	5-1/2" (14 cm)
5-116	Mayo Operating Scissors	curved, sharp/sharp	-	5-1/2" (14 cm)
5-132	Serratex-Mayo Dissecting Scissors	straight, one serrated	-	6-3/4" (17.1 cm)
5-134	Serratex-Mayo Dissecting Scissors	curved, one serrated	-	6-3/4" (17.1 cm)
5-70	Serratex Operating Scissors	straight, one serrated, sharp/sharp	-	5-1/2" (14 cm)
5-72	Serratex Operating Scissors	straight, one serrated, sharp/blunt	-	5-1/2" (14 cm)
5-73	Serratex Operating Scissors	straight, one serrated, blunt/blunt	-	5-1/2" (14 cm)
5-74	Serratex Operating Scissors	curved, one serrated, sharp/sharp	-	5-1/2" (14 cm)
5-76	Serratex Operating Scissors	curved, one serrated, sharp/blunt	-	5-1/2" (14 cm)
5-77	Serratex Operating Scissors	curved, one serrated, blunt/blunt	-	5-1/2" (14 cm)

* Product shown



5-SC-182*
5-SC-182TC
5-SC-283
5-SC-284



5-180TC*
5-181TC
5-182TC



21-537TC



5-152*
5-154

Reference	Description	Tip/Blade	Type	Length
5-SC-182TC	**Metzenbaum Scissors**	**curved**	**SuperCut/Tungsten Carbide**	**7" (17.8 cm)**
5-SC-182	**Metzenbaum Scissors**	**curved**	**SuperCut**	**7" (17.8 cm)**
5-SC-284	**Metzenbaum Scissors**	**curved, delicate**	**SuperCut**	**4-1/2" (11.4 cm)**
5-SC-283	**Metzenbaum Scissors**	**straight, delicate**	**SuperCut**	**4-1/2" (11.4 cm)**
5-180TC	**Metzenbaum Scissors**	**curved**	**Tungsten Carbide**	**5-1/2" (14 cm)**
5-182TC	**Metzenbaum Scissors**	**curved**	**Tungsten Carbide**	**7" (17.8 cm)**
5-181TC	Metzenbaum Scissors	straight	Tungsten Carbide	7" (17.8 cm)
21-537TC	**Undermining Scissors**	**one serrated, curved flat**	**Tungsten Carbide**	**4-1/2" (11.4 cm)**
5-152	Sistrunk Operating Scissors	straight	-	5-1/2" (14 cm)
5-154	Sistrunk Operating Scissors	slightly curved	-	5-1/2" (14 cm)

Items in **bold** represent the most popular patterns.

* Product shown

Metzenbaum Scissors

A versatile pattern featuring gently rounded tips.



5-180
5-182
5-184

5-179*
5-181



5-185
5-286
5-288

5-183
5-283*



5-284

Reference	Description	Tip/Blade	Length
5-179	Metzenbaum (Lahey) Scissors	straight	5-1/2" (14 cm)
5-181	Metzenbaum Scissors	straight	7" (17.8 cm)
5-283	**Metzenbaum Scissors**	**straight, delicate**	**5" (12.7 cm)**
5-183	Metzenbaum Scissors	straight, delicate	8" (20.3 cm)
5-180	**Metzenbaum Scissors**	**curved**	**5-1/2" (14 cm)**
5-182	**Metzenbaum Scissors**	**curved**	**7" (17.8 cm)**
5-184	Metzenbaum Scissors	curved	8" (20.3 cm)
5-284	**Metzenbaum Scissors**	**curved, delicate**	**5" (12.7 cm)**
5-286	Metzenbaum Scissors	curved, delicate	6" (15.2 cm)
5-288	Metzenbaum Scissors	curved, delicate	7" (17.8 cm)
5-185	Metzenbaum Scissors	curved, delicate	8" (20.3 cm)

Items in **bold** represent the most popular patterns.

* Product shown

Plastic Surgery Scissors

General purpose plastic surgery scissors are a longer and slightly heavier version of the "Iris Scissors."



5-270
5-271
5-272
5-273
5-274
5-275

5-276
5-277
5-278
5-279
5-280
5-281

sharp/sharp

sharp/blunt

blunt/blunt

5-270



5-172*
5-174



5-250*
5-252
5-254

Reference	Description	Tip/Blade	Length
5-270	Wagner Plastic Surgery Scissors	straight, sharp/sharp	4-3/4" (12.1 cm)
5-271	Wagner Plastic Surgery Scissors	straight, sharp/sharp, serrated	4-3/4" (12.1 cm)
5-272	Wagner Plastic Surgery Scissors	straight, sharp/blunt	4-3/4" (12.1 cm)
5-273	Wagner Plastic Surgery Scissors	straight, sharp/blunt, serrated	4-3/4" (12.1 cm)
5-274	Wagner Plastic Surgery Scissors	straight, blunt/blunt	4-3/4" (12.1 cm)
5-275	Wagner Plastic Surgery Scissors	straight, blunt/blunt, serrated	4-3/4" (12.1 cm)
5-276	Wagner Plastic Surgery Scissors	curved, sharp/sharp	4-3/4" (12.1 cm)
5-277	Wagner Plastic Surgery Scissors	curved, sharp/sharp, serrated	4-3/4" (12.1 cm)
5-278	Wagner Plastic Surgery Scissors	curved, sharp/blunt	4-3/4" (12.1 cm)
5-279	Wagner Plastic Surgery Scissors	curved, sharp/blunt, serrated	4-3/4" (12.1 cm)
5-280	Wagner Plastic Surgery Scissors	curved, blunt/blunt	4-3/4" (12.1 cm)
5-281	Wagner Plastic Surgery Scissors	curved, blunt/blunt, serrated	4-3/4" (12.1 cm)
5-172	Reynolds Dissecting Scissors	curved, tenotomy	6" (15.2 cm)
5-174	Reynolds Dissecting Scissors	curved, tenotomy, serrated	6" (15.2 cm)
5-250	Kelly Scissors	straight, sharp	6-1/4" (15.9 cm)
5-252	Kelly Scissors	curved, sharp	6-1/4" (15.9 cm)
5-254	Kelly Scissors	angled side, sharp	6-1/4" (15.9 cm)

* Product shown



sharp/sharp



sharp/blunt



blunt/blunt



5-2 to
5-28

5-17

5-32 to
5-58

Reference	Description	Tip/Blade	Length
5-2	Operating Scissors	sharp/sharp, straight	4-1/2" (11.4 cm)
5-4	Operating Scissors	sharp/sharp, straight	5" (12.7 cm)
5-6	Operating Scissors	sharp/sharp, straight	5-1/2" (14 cm)
5-7	Operating Scissors	sharp/sharp, straight	6" (15.2 cm)
5-8	Operating Scissors	sharp/sharp, straight	6-1/2" (16.5 cm)
5-12	Operating Scissors	sharp/blunt, straight	4-1/2" (11.4 cm)
5-14	Operating Scissors	sharp/blunt, straight	5" (12.7 cm)
5-16	Operating Scissors	sharp/blunt, straight	5-1/2" (14 cm)
5-17	Operating Scissors	sharp/blunt, straight	6" (15.2 cm)
5-18	Operating Scissors	sharp/blunt, straight	6-1/2" (16.5 cm)
5-19	Operating Scissors	sharp/blunt, straight	7-1/2" (19.1 cm)
5-22	Operating Scissors	blunt/blunt, straight	4-1/2" (11.4 cm)
5-24	Operating Scissors	blunt/blunt, straight	5" (12.7 cm)
5-26	Operating Scissors	blunt/blunt, straight	5-1/2" (14 cm)
5-27	Operating Scissors	blunt/blunt, straight	6" (15.2 cm)
5-28	Operating Scissors	blunt/blunt, straight	6-1/2" (16.5 cm)
5-32	Operating Scissors	sharp/sharp, curved	4-1/2" (11.4 cm)
5-34	Operating Scissors	sharp/sharp, curved	5" (12.7 cm)
5-36	Operating Scissors	sharp/sharp, curved	5-1/2" (14 cm)
5-37	Operating Scissors	sharp/sharp, curved	6" (15.2 cm)
5-38	Operating Scissors	sharp/sharp, curved	6-1/2" (16.5 cm)
5-42	Operating Scissors	sharp/blunt, curved	4-1/2" (11.4 cm)
5-44	Operating Scissors	sharp/blunt, curved	5" (12.7 cm)
5-46	Operating Scissors	sharp/blunt, curved	5-1/2" (14 cm)
5-48	Operating Scissors	sharp/blunt, curved	6-1/2" (16.5 cm)
5-49	Operating Scissors	sharp/blunt, curved	7-1/2" (19.1 cm)
5-52	Operating Scissors	**blunt/blunt, curved**	**4-1/2" (11.4 cm)**
5-54	Operating Scissors	**blunt/blunt, curved**	**5" (12.7 cm)**
5-56	Operating Scissors	**blunt/blunt, curved**	**5-1/2" (14 cm)**
5-58	Operating Scissors	**blunt/blunt, curved**	**6-1/2" (16.5 cm)**



9-100



PM-6751



9-102



9-104



9-101



9-103



9-110



9-108



9-106

Reference	Description	Tip/Blade	Length
9-100	**Spencer Stitch Scissors**	**straight, delicate**	**3-1/2" (8.9 cm)**
PM-6751*	Spencer Stitch Scissors	curved on flat	3-1/2" (8.9 cm)
9-102	Littauer Jr. Stitch Scissors	straight, light pattern	4-1/2" (11.4 cm)
9-104	Littauer Stitch Scissors	straight, standard pattern	5-1/2" (14 cm)
9-101	Shortbent Stitch Scissors	curved on flat, delicate	3-1/2" (8.9 cm)
9-103	Northbent Stitch Scissors	curved, light pattern	4-3/4" (12.1 cm)
9-110	O'Brien Stitch Scissors	angled, sharp	3-3/4" (9.5 cm)
9-108	Miltex Stitch Scissors	angled, delicate	4-1/2" (11.4 cm)
9-106	Long Surgery Stitch Scissors	straight	6" (15.2 cm)

Items in **bold** represent the most popular patterns.

*Padgett® Premium Grade



9-124
9-124TC*



9D-134

9D-132



9-122

9-120



9D-135

9D-133



9D-123

9D-121

Reference	Description	Tip/Blade	Type	Length
9-124	Wire Cutting Scissors	angled to side, one serrated blade	-	4-3/4" (12.1 cm)
9-124TC	Wire Cutting Scissors	angled to side, one serrated blade	Tungsten Carbide	4-3/4" (12.1 cm)
9D-132	Wire Cutting Scissors	straight, one serrated blade	-	4-1/4" (10.8 cm)
9-120	Wire Cutting Scissors	straight, one serrated blade	-	4-3/4" (12.1 cm)
9D-133	Wire Cutting Scissors	straight	-	4-1/4" (10.8 cm)
9D-121	Wire Cutting Scissors	straight	-	4-3/4" (12.1 cm)
9D-134	Wire Cutting Scissors	**curved, one serrated blade**	**-**	**4-1/4" (10.8 cm)**
9-122	Wire Cutting Scissors	curved, one serrated blade	-	4-3/4" (12.1 cm)
9D-135	Wire Cutting Scissors	**curved**	**-**	**4-1/4" (10.8 cm)**
9D-123	Wire Cutting Scissors	curved	-	4-3/4" (12.1 cm)

Items in **bold** represent the most popular patterns.

*Product shown



40-260



40-460

40-465



1700

1704



1702

1706

Reference	Description	Tip/Blade	Length
40-260	**Ingrown Nail Splitting Scissors**	**straight, sharp/blunt**	**6" (15.2 cm)**
40-460	**Moleskin and Felt Scissors**	**straight, sharp/blunt**	**7-1/2" (19.1 cm)**
40-465	Moleskin and Felt Scissors	curved, sharp/blunt	7-1/2" (19.1 cm)
1700	**Utility Scissors**	**straight, sharp/blunt, one serrated blade, extra heavy**	**6-1/2" (16.5 cm)**
1702	Utility Scissors	straight, blunt/blunt, one serrated blade, extra heavy	6-1/2" (16.5 cm)
1704	Utility Scissors	curved, sharp/blunt, one serrated blade, extra heavy	6-1/2" (16.5 cm)
1706	Utility Scissors	curved, blunt/blunt, one serrated blade, extra heavy	6-1/2" (16.5 cm)

Items in **bold** represent the most popular patterns.



5-510*
5-512
5-514
5-516



5-550



5-560



5-561



5-547



5-564

Reference	Description	Tip/Blade	Length
5-510	Lister Bandage Scissors	extra fine	3-1/2" (8.9 cm)
5-512	Lister Bandage Scissors	extra fine	4-1/2" (11.4 cm)
5-514	Lister Bandage Scissors	extra fine	5-1/2" (14 cm)
5-516	Lister Bandage Scissors	extra fine	7-1/4" (18.4 cm)
5-550	Lister Bandage Scissors	with one large finger ring	8" (20.3 cm)
5-560	Knowles Bandage Scissors	straight	5-1/2" (14 cm)
5-561	Knowles Bandage Scissors	shank angled on side, serrated	5-1/2" (14 cm)
5-547	**Hercules Heavy Duty Bandage & Plaster Shears**	**serrated**	**7-1/2" (19.1 cm)**
5-564	Gauze Scissors, Chrome	-	8" (20.3 cm)

Items in **bold** represent the most popular patterns.

*Product shown



5-998



5-1000 to 5-1030



5-568



5-600

Reference	Description	Tip/Blade	Handle Color	Length
5-998	**Bandage and Utility Scissors, Autoclavable**	**needle destroyer, serrated**	**black**	**6-1/2" (16.5 cm)**
5-1000	**Bandage and Utility Scissors, Autoclavable**	**needle destroyer, serrated**	**black**	**7-1/2" (19.1 cm)**
5-1025	Universal Scissors, Autoclavable	needle destroyer, serrated	red	7-1/2" (19.1 cm)
5-1026	Universal Scissors, Autoclavable	needle destroyer, serrated	orange	7-1/2" (19.1 cm)
5-1027	Universal Scissors, Autoclavable	needle destroyer, serrated	blue	7-1/2" (19.1 cm)
5-1028	Universal Scissors, Autoclavable	needle destroyer, serrated	purple	7-1/2" (19.1 cm)
5-1029	Universal Scissors, Autoclavable	needle destroyer, serrated	green	7-1/2" (19.1 cm)
5-1030	Universal Scissors, Autoclavable	needle destroyer, serrated	yellow	7-1/2" (19.1 cm)
5-568	**Esmarch Heavy Duty Bandage and Cast Shears**	**-**	**-**	**8" (20.3 cm)**
5-600	First Aid and Utility Shears	wire cutter, serrated	-	8-1/2" (21.6 cm)

Items in **bold** represent the most popular patterns.

* Note: All Miltex Bandage Scissors are Autoclavable

Fluoride coating helps minimize bandage and casting residues adhering to the blade surface and helps simplify your cleaning process.



Non-stick Fluoride Coated Blades



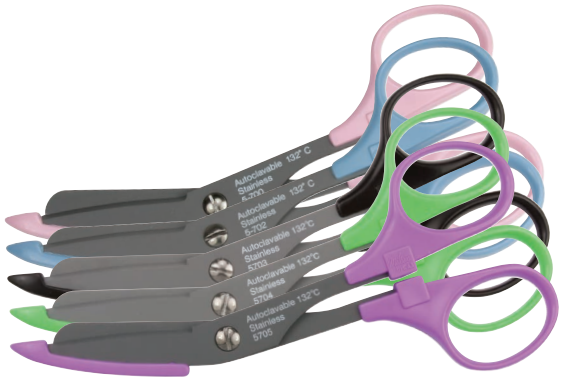
Autoclavable



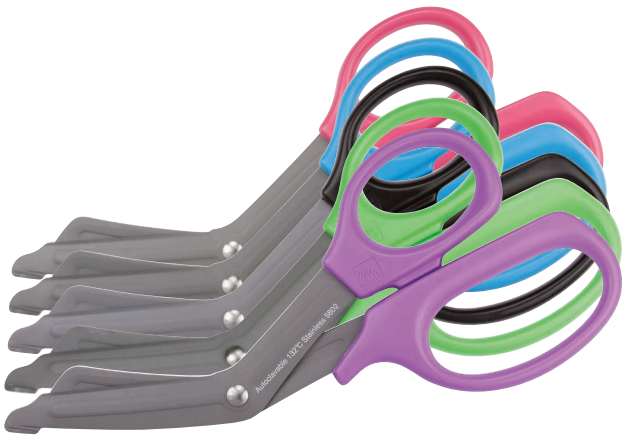
Various Color Options



Matching Safety Guard on Nurse Patterns



5-700 to 5705



5-800 to 5804

Reference	Description	Tip/Blade	Handle Color	Length
5-700	Nurse's Bandage Scissors	fluoride coated	pink	5-1/2" (14 cm)
5-702	**Nurse's Bandage Scissors**	**fluoride coated**	**blue**	**5-1/2" (14 cm)**
5703	Nurse's Bandage Scissors	fluoride coated	black	5-1/2" (14 cm)
5704	Nurse's Bandage Scissors	fluoride coated	neon green	5-1/2" (14 cm)
5705	Nurse's Bandage Scissors	fluoride coated	lavender	5-1/2" (14 cm)
5803	Bandage and Utility Scissors	fluoride coated	hot pink	8" (20.3 cm)
5804	Bandage and Utility Scissors	fluoride coated	bright blue	8" (20.3 cm)
5801	Bandage and Utility Scissors	fluoride coated	black	8" (20.3 cm)
5-800	**Bandage and Utility Scissors**	**fluoride coated**	**neon green**	**8" (20.3 cm)**
5802	Bandage and Utility Scissors	fluoride coated	lavender	8" (20.3 cm)

Items in **bold** represent the most popular patterns.

Anatomy of Integra® Miltex® Forceps



Tips
Tissue forceps have formed teeth with precise alignment to provide a durable and reliable grasp. Dressing forceps, unlike tissue forceps, have gently serrated tips.

Spring Tension
Properly set to help maintain position and to help ensure optimum grip.

Satin Finish
Each instrument is satin finished to reduce glare.

Laser Etching
All forceps are laser etched with our logo and catalog number for easy re-ordering.

Tang
Evenly welded and finished with rounded edges to enhance comfort.



6-2*
to 6-18



6-8XL



6-24 to 6-30
6-28*



6-28XL

Reference	Description	Type/Handle	Tip	Length
6-2	Dressing Forceps	standard, serrated	serrated tips	4" (10.2 cm)
6-4	Dressing Forceps	standard, serrated	serrated tips	4-1/2" (11.4 cm)
6-24	Dressing Forceps	delicate, fluted	serrated tips	4-1/2" (11.4 cm)
6-6	Dressing Forceps	standard, serrated	serrated tips	5" (12.7 cm)
6-26	Dressing Forceps	delicate, fluted	serrated tips	5" (12.7 cm)
6-8	Dressing Forceps	standard, serrated	serrated tips	5-1/2" (14 cm)
6-8XL**	Dressing Forceps	fenestrated handle, lightweight	serrated tips	5-1/2" (14 cm)
6-28	Dressing Forceps	delicate, fluted	serrated tips	5-1/2" (14 cm)
6-28XL**	Dressing Forceps	fenestrated, delicate, lightweight	serrated tips	5-1/2" (14 cm)
6-30	Dressing Forceps	delicate, fluted	serrated tips	6" (15.2 cm)
6-10	Dressing Forceps	standard, serrated	serrated tips	6" (15.2 cm)
6-12	Dressing Forceps	standard, serrated	serrated tips	7" (17.8 cm)
6-14	Dressing Forceps	standard, serrated	serrated tips	8" (20.3 cm)
6-16	Dressing Forceps	standard, serrated	serrated tips	10" (25.4 cm)
6-18	Dressing Forceps	standard, serrated	serrated tips	12" (30.5 cm)

** Fenestrated handles are designed as lightweight forceps in order to help reduce hand fatigue.

* Product shown



6-40 to 6-52
6-46*



6-90 to
6-96*



6-44XL

Reference	Description	Type/Handle	Teeth	Length
6-40	Tissue Forceps	standard, serrated	1 x 2	4-1/2" (11.4 cm)
6-90	Tissue Forceps	delicate, fluted	1 x 2	4-1/2" (11.4 cm)
6-42	Tissue Forceps	standard, serrated	1 x 2	5" (12.7 cm)
6-92	Tissue Forceps	delicate, fluted	1 x 2	5" (12.7 cm)
6-44	Tissue Forceps	standard, serrated	1 x 2	5-1/2" (14 cm)
6-44XL	Tissue Forceps	standard, lightweight, fenestrated	1 x 2	5-1/2" (14 cm)
6-94	Tissue Forceps	delicate, fluted	1 x 2	5-1/2" (14 cm)
6-46	Tissue Forceps	standard, serrated	1 x 2	6" (15.2 cm)
6-96	Tissue Forceps	delicate, fluted	1 x 2	6" (15.2 cm)
6-47	Tissue Forceps	standard, serrated	1 x 2	7" (17.8 cm)
6-48	Tissue Forceps	standard, serrated	1 x 2	8" (20.3 cm)
6-50	Tissue Forceps	standard, serrated	1 x 2	10" (25.4 cm)
6-52	Tissue Forceps	standard, serrated	1 x 2	12" (30.5 cm)

* Product shown

Integra® Miltex® Adson Forceps



6-118



6-120



6-121



6-123



6-124

Reference	Description	Type	Teeth	Length
6-118	Adson Dressing Forceps	delicate, serrated	-	4-3/4" (12.1 cm)
6-120	Adson Tissue Forceps	delicate	1 x 2	4-3/4" (12.1 cm)
6-121	Adson Tissue Forceps	delicate, cross serrated tips	1 x 2	4-3/4" (12.1 cm)
6-123	Adson Tissue and Suture Forceps	with tying platform	1 x 2	4-3/4" (12.1 cm)
6-124	Brown-Adson Tissue Forceps	standard, serrated	7 x 7	4-3/4" (12.1 cm)

800-654-2873 USA ■ 888-980-7742 fax ■ integralife.com



6-112 6-114 6-113 6-115 6-129 6-130

Reference	Description	Type	Teeth	Length
6-112	Hudson (Ewald) Dressing Forceps	serrated	-	4-3/4" (12.1 cm)
6-114	Hudson (Ewald) Tissue Forceps	-	1 x 2	4-3/4" (12.1 cm)
6-113	Hudson (Ewald) Dressing Forceps	serrated	-	6" (15.2 cm)
6-115	Hudson (Ewald) Tissue Forceps	-	1 x 2	6" (15.2 cm)
6-129	Adson Dressing Forceps	delicate, serrated	-	6" (15.2 cm)
6-130	Adson Tissue Forceps	delicate	1 x 2	6" (15.2 cm)

Integra® Miltex® Splinter Forceps



6-316

6-318



6-300*
to 6-304



6-308

6-310



6-312

6-314

Reference	Description	Type	Length
6-316	Feilchenfeld Splinter Forceps	straight	3" (7.6 cm)
6-318	Feilchenfeld Splinter Forceps	straight	4-1/2" (11.4 cm)
6-300	Plain Splinter Forceps	straight	3-1/2" (8.9 cm)
6-302	Plain Splinter Forceps	straight	4" (10.2 cm)
6-304	Plain Splinter Forceps	straight	4-1/2" (11.4 cm)
6-308	Carmalt Splinter Forceps	straight	4-1/4" (10.8 cm)
6-310	Carmalt Splinter Forceps	curved	4-1/4" (10.8 cm)
6-312	Walter Splinter Forceps	straight	4-1/4" (10.8 cm)
6-314	Walter Splinter Forceps	curved	4-1/4" (10.8 cm)

* Product shown



6-340

6-342

6-338



6-337

6-336

Reference	Description	Type	Length
6-338	Williams Splinter Forceps	straight	5-1/2" (14 cm)
6-342	Williams Splinter Forceps	right angle	4-3/4" (12.1 cm)
6-340	Williams Splinter Forceps	45 degree angle	5-1/2" (14 cm)
6-336	Virtus Splinter Forceps	straight	6" (15.2 cm)
6-337	Virtus Splinter Forceps	45 degree angle	5-1/2" (14 cm)

The professional splinter removal kit includes the splinter liberator, used to approach the embedded fragment and the Walter forceps, used for quick and easy removal of splinter.



V96-329



V96-312



V96-400



V96-336



V96-410

Reference	Description	Type	Length
V96-329*	Splinter Forceps	with magnifier, in black plastic case	3" (7.6 cm)
V96-312*	Walter Splinter Forceps	straight	4-1/2" (11.4 cm)
V96-400*	Splinter Liberator	in reversible handle, with needle sharp tip	5" (12.7 cm)
V96-336*	Virtus Splinter Forceps	-	6" (15.2 cm)
V96-410*	Professional Splinter Removal Kit	splinter liberator (V96-400) and forceps (V96-312)	-

* Mid Grade instruments are made with Japanese steel

Hemostats and ring handled forceps are available in a variety of patterns such as delicate, heavy, straight, curved and various serration or teeth options. The diagram below illustrates the important aspects in the construction of a quality instrument.

Anatomy of Integra® Miltex® Hemostatic and Ring Handled Forceps



Tips
When closing, the tips should meet first and the space between the jaws should gradually diminish as the instrument is being closed.

Box-Lock
The box-lock has a smoothly beveled surface to minimize the chance of the instrument catching or snagging other material during surgery.

Laser Etching
Laser etched with our logo and catalog number for easy re-ordering.

Ratchet
Ratchets should engage as the tips meet and operate smoothly as the instrument is closed. The ratchet should lock securely yet still permit easy release.

Ring Handles
Well rounded and polished handles provide a comfortable grip.



16-3*
16-4



16-6



16-20*
16-22



16-25



16-31



16-42



16-44*
to 16-48

Reference	Description	Type	Teeth	Length
16-3	Baby Allis Tissue Forceps	extra delicate, 2.5 mm wide	4 x 5	5" (12.7 cm)
16-4	Baby Allis Tissue Forceps	delicate, 4 mm wide	4 x 5	5-1/2" (14 cm)
16-6	Allis Tissue Forceps	-	4 x 5	6" (15.2 cm)
16-20	Allis Tissue Forceps	angular	4 x 5	6" (15.2 cm)
16-22	Allis Tissue Forceps	angular	5 x 6	6" (15.2 cm)
16-25	Allis Non-Crushing Tissue Forceps	with double row of atraumatic teeth	-	6" (15.2 cm)
16-31	Boys-Allis Tissue Forceps	heavy pattern	5 x 6	6" (15.2 cm)
16-42	Baby Babcock Intestinal Forceps	delicate, 6 mm wide	-	5-1/2" (14 cm)
16-44	Babcock Intestinal Forceps	9 mm wide	-	6-1/4" (15.9 cm)
16-46	Babcock Intestinal Forceps	10 mm wide	-	8-1/4" (21 cm)
16-48	Babcock Intestinal Forceps	15 mm wide	-	9-1/2" (24.1 cm)

* Product shown



7-26

7-24



7-4

7-2



7-10

7-8



7-38

7-36



7-44

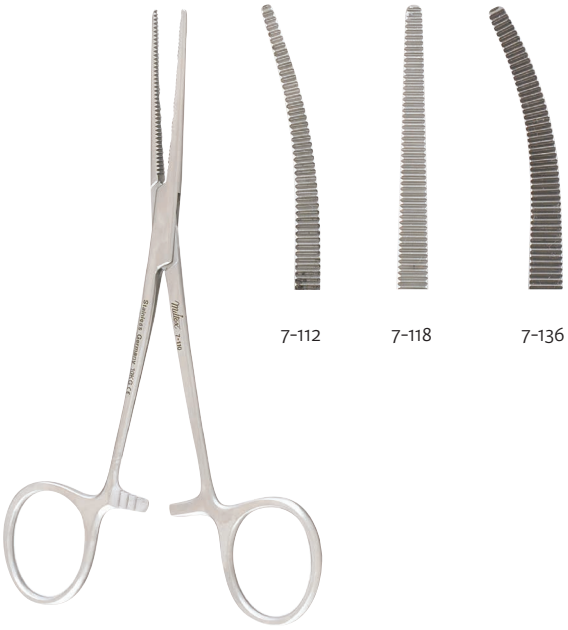
7-42

Reference	Description	Type	Length
7-24	Hartman Mosquito Forceps	straight	3-1/2" (8.9 cm)
7-26	Hartman Mosquito Forceps	curved	3-1/2" (8.9 cm)
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)
7-4	Halsted Mosquito Forceps	curved	5" (12.7 cm)
7-8	Halsted Mosquito Forceps	straight, extra delicate	5" (12.7 cm)
7-10	Halsted Mosquito Forceps	curved, extra delicate	5" (12.7 cm)
7-36	Kelly Forceps	straight	5-1/2" (14 cm)
7-38	Kelly Forceps	curved	5-1/2" (14 cm)
7-42	Crile Forceps	straight	5-1/2" (14 cm)
7-44	Crile Forceps	curved	5-1/2" (14 cm)



7-68

7-66



7-112 7-118 7-136

7-110



7-72

7-70



7-150 7-152

7-150

Reference	Description	Type	Teeth	Length
7-66	Kocher Forceps	straight	1 x 2	5-1/2" (14 cm)
7-68	Kocher Forceps	curved	1 x 2	5-1/2" (14 cm)
7-118	Rochester-Pean Forceps	straight	-	5-1/2" (14 cm)
7-136	Rochester-Pean Forceps	curved	-	5-1/2" (14 cm)
7-70	Baby Ochsner Forceps	extra delicate, straight	1 x 2	5-1/2" (14 cm)
7-72	Baby Ochsner Forceps	extra delicate, curved	1 x 2	5-1/2" (14 cm)
7-110	Baby Pean Forceps	extra delicate, straight	-	5-1/2" (14 cm)
7-112	Baby Pean Forceps	extra delicate, curved	-	5-1/2" (14 cm)
7-150	Rochester-Ochsner Forceps	straight	1 x 2	6-1/4" (15.9 cm)
7-152	Rochester-Ochsner Forceps	straight	1 x 2	7-1/4" (18.4 cm)



27-1016



40-1800



40-1802



27-990*
27-992



27-24

Reference	Description	Type	Length
27-1016	Tendon Pulling Forceps	curved shaft, alligator	5" (12.7 cm)
40-1800	Locke Clamp	phalangeal	6" (15.2 cm)
40-1802	Rosenbloom Clamp	sesamoidectomy	7" (17.8 cm)
27-990	Martin Cartilage Clamp	-	7" (17.8 cm)
27-992	Martin Cartilage Clamp	-	8" (20.3 cm)
27-24	Dingman Small Bone and Cartilage Clamp	4 mm wide, 2 x 2 teeth	7-1/2" (19.1 cm)

* Product shown



27-2*
27-6



27-4*
27-7



27-16

Reference	Description	Type	Teeth	Length
27-6	Kern Bone Holding Forceps	pediatric, plain	-	6-3/4" (17.1 cm)
27-7	Kern Bone Holding Forceps	with ratchet	-	6-3/4" (17.1 cm)
27-2	Kern Bone Holding Forceps	standard, plain	-	9-1/2" (24.1 cm)
27-4	Kern Bone Holding Forceps	standard, with ratchet	-	9-1/2" (24.1 cm)
27-16	Lewin Bone Holding Forceps	serrated jaws	-	7" (17.8 cm)

* Product shown



27-30*
27-32
27-34



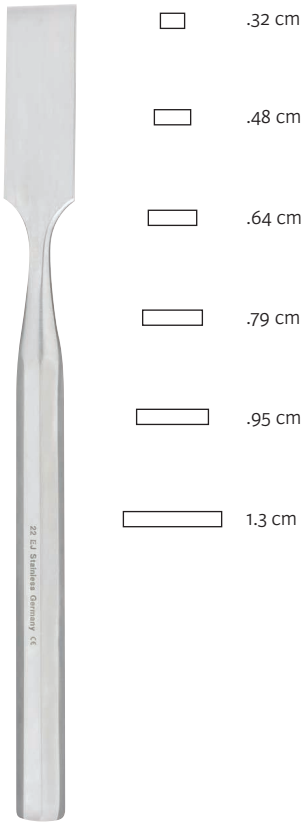
27-42*
27-44



27-46
27-47*

Reference	Description	Type	Jaw	Length
27-30	Lowman Bone Clamp	calibrated in 1/8" (.32 cm)	1 x 2 prong jaws 3/4" (1.9 cm) wide	5" (12.7 cm)
27-32	Lowman Bone Clamp	calibrated in 1/8" (.32 cm)	1 x 2 prong jaws 1" (2.5 cm) wide	7" (17.8 cm)
27-34	Lowman Bone Clamp	calibrated in 1/8" (.32 cm)	1 x 2 prong jaws 1-1/4" (3.2 cm) wide	8" (20.3 cm)
27-42	Lowman-Hoglund Bone Clamp	calibrated in 1/8" (.32 cm)	2 x 2 prong swivel jaws 1" (2.5 cm) wide	7" (17.8 cm)
27-44	Lowman-Hoglund Bone Clamp	calibrated in 1/8" (.32 cm)	2 x 2 prong swivel jaws 1-3/8" (3.5 cm) wide	8" (20.3 cm)
27-46	Lambert-Lowman Bone Clamp	-	2 x 2 prong jaws 1" (2.5 cm) wide	7" (17.8 cm)
27-47	Lambert-Lowman Bone Clamp	-	2 x 2 prong jaws 1-3/8" (3.5 cm) wide	8" (20.3 cm)

* Product shown



27-331 to
27-336*



21-280
21-282*
21-284*



27-1550

Reference	Description	Type	Length
27-331	Hoke Osteotome	straight 1/8" (.32 cm)	5-1/2" (14 cm)
27-332	Hoke Osteotome	straight 3/16" (.48 cm)	5-1/2" (14 cm)
27-333	Hoke Osteotome	straight 1/4" (.64 cm)	5-1/2" (14 cm)
27-334	Hoke Osteotome	straight 5/16" (.79 cm)	5-1/2" (14 cm)
27-335	Hoke Osteotome	straight 3/8" (.95 cm)	5-1/2" (14 cm)
27-336	Hoke Osteotome	straight 1/2" (1.3 cm)	5-1/2" (14 cm)
21-280	Joseph Bone Saw	straight	7-1/2" (19.1 cm)
21-282	Joseph Bone Saw	bayonet, right	7-1/2" (19.1 cm)
21-284	Joseph Bone Saw	bayonet, left	7-1/2" (19.1 cm)
27-1550	Langenbeck Metacarpal Saw	blade 4-1/2" (11.4 cm)	9-1/4" (23.5 cm)

* Product shown



27-599 to
27-610*



Reference	Description	Type	Length
27-599	Swiss Pattern Osteotome	2 mm wide	5" (12.7 cm)
27-600	Swiss Pattern Osteotome	4 mm wide	5" (12.7 cm)
27-601	Swiss Pattern Osteotome	6 mm wide	5" (12.7 cm)
27-601A	Swiss Pattern Osteotome	8 mm wide	5" (12.7 cm)
27-602	Swiss Pattern Osteotome	10 mm wide	5" (12.7 cm)
27-602A	Swiss Pattern Osteotome	12 mm wide	5" (12.7 cm)
27-603	Swiss Pattern Osteotome	14 mm wide	5" (12.7 cm)
27-604	Swiss Pattern Osteotome	18 mm wide	5" (12.7 cm)
27-605	Swiss Pattern Osteotome	20 mm wide	5" (12.7 cm)
27-609	Sterilizer-Storage Case	fitted to hold 9 SWISS Pattern Osteotomes 2 mm to 20 mm	5-1/2" (14 cm) x 6-1/2" (16.5 cm) x 1/2" (1.3 cm)
27-610	Set of 9 Swiss Pattern Osteotomes	2 mm to 20 mm, complete in fitted sterilizer case	-

* Product shown



19-790



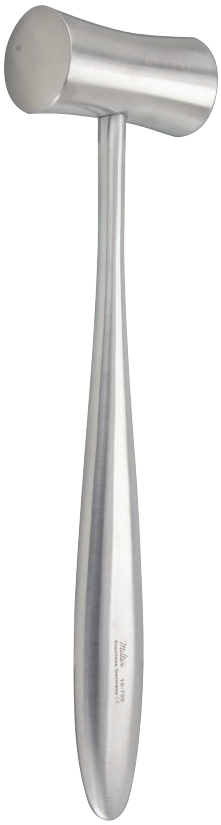
19-793



19-794



19-796



19-792

Reference	Description	Length
19-790	Gerzog Mallet, Head 8 oz. (227 G) Lead Filled with Stainless Steel Jacket	7-1/2" (19.7 cm)
19-793	Miltex Mallet, Lightweight 7.5 oz. (213 G), Stainless Head 1" (2.5 cm) Diameter with 2 Replaceable Nylon Cups	7-1/2" (19.1 cm)
19-794	Miltex Mallet, Lightweight 9 oz. (255 G), Stainless Head 1" (2.5 cm) Diameter, with One Stainless Face and One Replaceable Nylon Cap	7-1/2" (19.1 cm)
19-795	Nylon Cap Replacement, for Mallets 19-793 and 19-794	--
19-796	Mead Mallet, Head 8 oz. (227 G), with 2 Replaceable Nylon Caps	7-1/2" (19.1 cm)
19-797	Nylon Cap for Mallet 19-796	--
19-792	Lucae Mallet, Head 9 oz. (255 G) Solid Stainless	7-3/4" (19.7 cm)



7-501
7-500*



7-504*
7-506



65-25



65-29
65-28*

Reference	Description	Length
7-501	Jones Towel Clamp, Lightweight	2-1/4" (5.7 cm)
7-500	Jones Towel Clamp, Standard Size	3-1/2" (8.9 cm)
7-504	Backhaus Towel Clamp	3-1/2" (8.9 cm)
7-506	Backhaus Towel Clamp	5-1/4" (13.3 cm)
65-25	Grasping Forceps, Non-Magnetic, Gold Plated Tang	6-1/4" (15.9 cm)
65-29	Mesh Bur and Diamond Holder, Small	1-3/8" (3.5 cm) diameter
65-28	Mesh Bur and Diamond Holder, Large	2-1/8" (5.4 cm) diameter

* Product shown



3-20*
3-22



7-600
7-602
7-604
7-606
7-610
7-612
7-614
7-616

7-600

Reference	Description	Type/Jaw	Length
3-20	Utility-Sterilizer Forceps	straight	8" (20.3 cm)
3-22	Utility-Sterilizer Forceps	curved	8" (20.3 cm)
7-604	Foerster Sponge Forceps	straight, serrated	7" (17.8 cm)
7-606	Foerster Sponge Forceps	straight, smooth	7" (17.8 cm)
7-614	Foerster Sponge Forceps	curved, serrated	7" (17.8 cm)
7-616	Foerster Sponge Forceps	curved, smooth	7" (17.8 cm)
7-600	Foerster Sponge Forceps	straight, serrated	9-1/2" (24.1 cm)
7-602	Foerster Sponge Forceps	straight, smooth	9-1/2" (24.1 cm)
7-610	Foerster Sponge Forceps	curved, serrated	9-1/2" (24.1 cm)
7-612	Foerster Sponge Forceps	curved, smooth	9-1/2" (24.1 cm)

* Product shown



7-632

7-630



7-620



7-622



7-624

Reference	Description	Type	Length
7-630	Fletcher Sponge Forceps	straight	9-1/2" (24.1 cm)
7-632	Fletcher Sponge Forceps	curved	9-1/2" (24.1 cm)
7-620	Bozeman Sponge Forceps	straight	10-1/2" (26.7 cm)
7-622	Bozeman Sponge Forceps	double curved	10-1/2" (26.7 cm)
7-624	Bozeman Sponge Forceps	double curved, one large ring	10-1/2" (26.7 cm)

The Integra® Miltex® Repair and Service Team offers extensive instrument refurbishment and tungsten carbide jaw replacement services. Contact us for more information.

Anatomy of Integra® Miltex® Needle Holders



Tungsten Carbide Jaws

Tungsten Carbide jaws are bonded to needle holders made from quality stainless steel.

These jaws are custom crafted with teeth ranging from 2,600 per square inch to 16,000 per square inch, according to the size of the instrument and the sizes of needles and sutures. Needle holder patterns are also available with smooth Tungsten Carbide jaws, designed to hold the smallest sutures used in delicate procedures.

The jaw edge is chamfered to help prevent accidental cutting of suture material.

Teeth

Teeth are precision milled into the Tungsten Carbide, forming sharp pyramid-shapes to provide a positive non-slip surface.

Box-Lock

The edges around the box-lock have distinct non-catch bevels, which help prevent fraying of suture material.

Laser Etching

Laser etched with our logo and catalog number for easy re-ordering.

Satin Finish

Each instrument is satin finished to help reduce glare.

Ring Handles

Well rounded and polished handles provide a more comfortable grip. Gold and green finished handles differentiate Tungsten Carbide and Ceram-A-Grip® Needle Holders.

* Note: cold or chemical sterilization is not recommended for Tungsten Carbide instruments

Please see pages 119-120 for recommended suture sizes



8-4TC



8-8A-TC

8-8TC



8-6TC



8-7A-TC

8-7TC



8-15TC
8-16TC*



8-14A-TC

8-14TC

Reference	Description	Jaws	Type	Teeth Per Sq. Inch	Length
8-4TC	Derf Needle Holder	serrated	Tungsten Carbide	4000	4-3/4" (12.1 cm)
8-8A-TC	Halsey Needle Holder	serrated	Tungsten Carbide	4000	5" (12.7 cm)
8-8TC	Halsey Needle Holder	smooth	Tungsten Carbide	-	5" (12.7 cm)
8-7A-TC	Webster (Johnson) Needle Holder	serrated, extra delicate	Tungsten Carbide	2600	4-3/4" (12.1 cm)
8-6TC	Webster Needle Holder	smooth, delicate	Tungsten Carbide	-	5-1/4" (13.3 cm)
8-7TC	Webster Needle Holder	smooth, extra delicate	Tungsten Carbide	-	4-3/4" (12.1 cm)
8-15TC	Olsen-Hegar Needle Holder with Suture Scissors	serrated	Tungsten Carbide	2600	5-1/2" (14 cm)
8-16TC	Olsen-Hegar Needle Holder with Suture Scissors	serrated	Tungsten Carbide	2600	6-1/2" (16.5 cm)
8-14TC	Olsen-Hegar Needle Holder with Suture Scissors	serrated, extra delicate	Tungsten Carbide	4000	4-3/4" (12.1 cm)
8-14A-TC	Olsen-Hegar Needle Holder with Suture Scissors	smooth, extra delicate	Tungsten Carbide	-	4-3/4" (12.1 cm)

* Product shown



8-28TC



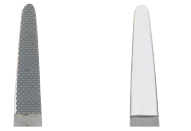
8-30TC



8-40TC



8-50TC



8-51TC 8-50A-TC



8-42TC



8-42TC 8-44TC 8-46TC 8-48TC

Reference	Description	Jaws	Type	Teeth Per Sq. Inch	Length
8-28TC	Mathieu Needle Holder	serrated	Tungsten Carbide	2600	5-1/2" (14 cm)
8-30TC	Mathieu Needle Holder	serrated	Tungsten Carbide	2600	6-1/4" (15.9 cm)
8-40TC	Baumgartner Needle Holder	serrated	Tungsten Carbide	4000	5-1/2" (14 cm)
8-50A-TC	Crile-Wood Needle Holder	smooth	Tungsten Carbide	-	6" (15.2 cm)
8-50TC	Crile-Wood Needle Holder	serrated	Tungsten Carbide	4000	6" (15.2 cm)
8-51TC	Crile-Wood Needle Holder	serrated	Tungsten Carbide	4000	7" (15.2 cm)
8-42TC	Mayo-Hegar Needle Holder	serrated	Tungsten Carbide	2600	5" (12.7 cm)
8-44TC	Mayo-Hegar Needle Holder	serrated	Tungsten Carbide	2600	6-1/4" (15.9 cm)
8-46TC	Mayo-Hegar Needle Holder	serrated	Tungsten Carbide	2600	7-1/4" (18.4 cm)
8-48TC	Mayo-Hegar Needle Holder	serrated	Tungsten Carbide	2600	8" (20.3 cm)

Ceram-A-Grip® Needle Holders have fusion bonded jaws with a durable ceramic material and green ring handles for easy identification.

(8-16CG detail shown).





8-4CG



8-6CG*
8-7CG



8-8CG



8-40CG



8-50CG*
to 8-52CG



8-15CG to
8-16CG*



8-42CG*
to 8-48CG

Reference	Description	Jaws	Type	Length
8-4CG	Derf Needle Holder	serrated	Ceram-A-Grip™	4-3/4" (21.1 cm)
8-7CG	Webster Needle Holder	smooth, extra delicate	Ceram-A-Grip™	4-3/4" (12.1 cm)
8-6CG	Webster Needle Holder	smooth, delicate	Ceram-A-Grip™	5" (12.7 cm)
8-8CG	Halsey Needle Holder	smooth	Ceram-A-Grip™	5" (12.7 cm)
8-40CG	Baumgartner Needle Holder	serrated	Ceram-A-Grip™	5-1/2" (14 cm)
8-50CG	Crile-Wood Needle Holder	serrated	Ceram-A-Grip™	6" (15.2 cm)
8-51CG	Crile-Wood Needle Holder	serrated	Ceram-A-Grip™	7" (17.8 cm)
8-52CG	Crile-Wood Needle Holder	serrated	Ceram-A-Grip™	8" (20.3 cm)
8-15CG	Olsen-Hegar Needle Holder with Suture Scissors	serrated	Ceram-A-Grip™	5-1/2" (14 cm)
8-16CG	Olsen-Hegar Needle Holder with Suture Scissors	serrated	Ceram-A-Grip™	6-1/2" (16.5 cm)
8-42CG	Mayo-Hegar Needle Holder	serrated	Ceram-A-Grip™	5" (12.7 cm)
8-44CG	Mayo-Hegar Needle Holder	serrated	Ceram-A-Grip™	6-1/4" (15.9 cm)
8-46CG	Mayo-Hegar Needle Holder	serrated	Ceram-A-Grip™	7-1/4" (18.4 cm)
8-48CG	Mayo-Hegar Needle Holder	serrated	Ceram-A-Grip™	8" (20.3 cm)

* Product shown



8-4



8-2



8-7



8-6



8-14A

8-14



8-15
8-16*

Reference	Description	Jaws	Length
8-4	Derf Needle Holder	serrated	4-3/4" (12.1 cm)
8-2	Collier Needle Holder	fenestrated	5" (12.7 cm)
8-7	Webster Needle Holder	smooth, extra delicate	4-3/4" (12.1 cm)
8-6	Webster Needle Holder	smooth, delicate	5-1/4" (13.3 cm)
8-14A	Olsen-Hegar Needle Holder with Suture Scissors	smooth	4-3/4" (12.1 cm)
8-14	Olsen-Hegar Needle Holder with Suture Scissors	serrated	4-3/4" (12.1 cm)
8-15	Olsen-Hegar Needle Holder with Suture Scissors	serrated	5-1/2" (14 cm)
8-16	Olsen-Hegar Needle Holder with Suture Scissors	serrated	6-1/2" (16.5 cm)

* Product shown



8-28*
8-30



8-40



8-50



8-42*
8-44
8-46

Reference	Description	Jaws	Length
8-28	Mathieu Needle Holder	serrated	5-1/2" (14 cm)
8-30	Mathieu Needle Holder	serrated	6-1/4" (15.9 cm)
8-40	Baumgartner Needle Holder	serrated	5-1/2" (14 cm)
8-50	Crile-Wood Needle Holder	serrated	6" (15.2 cm)
8-42	Mayo-Hegar Needle Holder	serrated	5" (12.7 cm)
8-44	Mayo-Hegar Needle Holder	serrated	6-1/4" (15.9 cm)
8-46	Mayo-Hegar Needle Holder	serrated	7-1/4" (18.4 cm)

* Product shown



18-412



18-416



26-1084*
26-1086



21-90*
21-92
21-94

Reference	Description	Type	Length
18-412	Tyrell Hook	sharp	5" (12.7 cm)
18-414	Tyrell Hook	blunt	5" (12.7 cm)
18-416	Guthrie Fixation Hook	sharp, double prongs 1.5 mm wide	5" (12.7 cm)
26-1084	Frazier Dura Hook	sharp	5" (12.7 cm)
26-1086	Frazier Dura Hook	blunt	5" (12.7 cm)
21-90	Cottle Skin Hook	small, shallow curve, serrated handle	5-1/2" (14 cm)
21-92	Cottle Skin Hook	small, deep curve, serrated handle	5-1/2" (14 cm)
21-94	Cottle Skin Hook	large, deep curve, serrated handle	5-1/2" (14 cm)

* Product shown



21-152



18-439



21-102

21-103



21-153



21-156

21-154*
to 21-160

Reference	Description	Type	Length
21-152	Skin Hook	sharp prong, 2 mm	4-3/4" (12.1 cm)
18-439	McGannon Retractor	fenestrated blade, 2.5 mm wide	5" (12.7 cm)
21-102	Freer Skin Hook	sharp, double prongs, 2.3 mm wide	6" (15.2 cm)
21-103	Freer Skin Hook	blunt, double prongs, 2.9 mm wide	6" (15.2 cm)
21-153	Joseph Hook	one sharp prong	6-1/4" (15.9 cm)
21-154	Joseph Double Hook	two sharp prongs, 2 mm wide	6-1/4" (15.9 cm)
21-156	Joseph Double Hook	two sharp prongs, 5 mm wide	6-1/4" (15.9 cm)
21-158	Joseph Double Hook	two sharp prongs, 7 mm wide	6-1/4" (15.9 cm)
21-160	Joseph Double Hook	two sharp prongs, 10 mm wide	6-1/4" (15.9 cm)

* Product shown



11-42*
11-43
11-46
11-47



18-110



11-36
11-38
11-40*



11-50 11-56
11-52* 11-58
11-54 11-60

Reference	Description	Type	Length
11-42	Volkman Finger Retractor	2 sharp prongs	4-1/2" (11.4 cm)
11-43	Volkman Finger Retractor	3 sharp prongs	4-1/2" (11.4 cm)
11-46	Volkman Finger Retractor	2 blunt prongs	4-1/2" (11.4 cm)
11-47	Volkman Finger Retractor	3 blunt prongs	4-1/2" (11.4 cm)
18-110	Desmarres Retractor	size 1, 12 mm	5-1/2" (14 cm)
11-36	Flexible Neck Rake Retractor	1 blunt prong	6" (15.2 cm)
11-38	Flexible Neck Rake Retractor	2 blunt prongs	6" (15.2 cm)
11-40	Flexible Neck Rake Retractor	3 blunt prongs	6" (15.2 cm)
11-50	Rigid Neck Rake Retractor	1 sharp prong	6-1/2" (16.5 cm)
11-52	Rigid Neck Rake Retractor	2 sharp prongs	6-1/2" (16.5 cm)
11-54	Rigid Neck Rake Retractor	3 sharp prongs	6-1/2" (16.5 cm)
11-56	Rigid Neck Rake Retractor	1 blunt prong	6-1/2" (16.5 cm)
11-58	Rigid Neck Rake Retractor	2 blunt prongs	6-1/2" (16.5 cm)
11-60	Rigid Neck Rake Retractor	3 blunt prongs	6-1/2" (16.5 cm)

* Product shown



11-78 | 11-79 | 11-73 | 11-82 | 11-74* 11-76 | 11-144* 11-146

Reference	Description	Tip/Blade	Length
11-78	Crile Retractor	double ended, 3 x 11 mm and 6 x 20 mm blades	4-1/2" (11.4 cm)
11-79	Luer "S" Shape Retractor	double ended, 10 x 5 mm and 14 x 9 mm	5-1/2" (14 cm)
11-73	Ragnell Retractor	double ended, 3 x 8 mm and 5 x 15 mm blades, delicate	6" (15.2 cm)
11-82	Meyerding Skin Hook and Retractor	double ended	6-1/4" (15.9 cm)
11-74	Senn Retractor	double ended, sharp	6-3/8" (16.2 cm)
11-76	Senn Retractor	double ended, blunt	6-3/8" (16.2 cm)
11-144	Ribbon Retractor	malleable, 5/8" (1.6 cm) wide	8" (20.3 cm)
11-146	Ribbon Retractor	malleable, 1" (2.5 cm) wide	8" (20.3 cm)

* Product shown





Reference	Description	Blade	Length
27-213	**Mini-Hohmann Retractor**	**6 mm wide**	**6-1/4" (15.9 cm)**
27-214	Mini-Hohmann Retractor	8 mm wide	6-1/4" (15.9 cm)
27-215	Hohmann Retractor	10 mm wide	9-1/4" (23.5 cm)
27-216	Hohmann Retractor	18 mm wide	9-1/4" (23.5 cm)
27-217	Hohmann Retractor	25 mm wide	9-1/4" (23.5 cm)
27-218	Hohmann Retractor	43 mm wide	9-1/4" (23.5 cm)

Items in **bold** represent the most popular patterns.



11-12*
11-13



11-14
11-16*



40-1235



11-600* 11-608
11-602 11-611



11-365



26-2000*
26-2001

Reference	Description	Type	Length
11-12	Alm Retractor	spread 2-1/4" (5.7 cm), prongs 1/8" (.32 cm) deep	2-3/4" (7 cm)
11-13	Alm Retractor	spread 3" (7.6 cm), prongs 1/2" (1.3 cm) deep	3-7/8" (9.8 cm)
11-14	Cross Action Retractor	sharp prongs	4" (10.2 cm)
11-16	Cross Action Retractor	blunt prongs	4" (10.2 cm)
40-1235	Schink Metatarsal Spreader	-	4-1/2" (11.4 cm)
11-600	Weitlaner Retractor	sharp, 2 x 3 teeth	4-1/2" (11.1 cm)
11-602	Weitlaner Retractor	blunt, 2 x 3 teeth	4-1/2" (11.1 cm)
11-608	Weitlaner Retractor	sharp, 3 x 4 teeth	5-1/2" (14 cm)
11-611	Weitlaner Retractor	solid blades	5-1/2" (14 cm)
11-365	Gelpi Retractor	with grip lock	5" (12.7 cm)
26-2000	Inge Laminectomy Spreader	jaws open to 1-1/8" (2.8 cm), with teeth	6" (15.2 cm)
26-2001	Inge Laminectomy Spreader	jaws open to 1-1/8" (2.8 cm), without teeth	6" (15.2 cm)

* Product shown



22-500TC*
22-502TC



27-159TC



9-124TC*
9-124



9-129



27-158

Reference	Description	Jaws	Type	Length
22-500TC	Wire Twister	blunt, delicate	Tungsten Carbide	6” (15.2 cm)
22-502TC	Wire Twister	blunt, delicate	Tungsten Carbide	8” (20.3 cm)
27-159TC	Pin and Wire Cutter	double action, cuts up to 2 mm soft wire and 1.6 mm hard wire	Tungsten Carbide	7” (17.8 cm)
9-124TC	Wire Cutting Scissors	angled to side, one serrated blade	Tungsten Carbide	4-3/4” (12.1 cm)
9-124	Wire Cutting Scissors	angled to side, one serrated blade	Stainless Steel	4-3/4” (12.1 cm)
9-129	Pliers and Wire Cutter	double action	Stainless Steel	5” (12.7 cm)
27-158	Cannulated Pin and Wire Cutter	cuts up to 3.2 mm soft wire and 1.6 mm hard wire	Stainless Steel	7-1/2” (19.1 cm)

* Product shown



27-176TC



27-163TC*
27-164TC
27-165TC



27-160

Reference	Description	Jaws	Type	Length
27-176TC	Pin Puller	serrated top jaw, grooved cross-serrated opposing jaw, 10 mm wide	Tungsten Carbide	5-1/2" (14 cm)
27-164TC	Pin and Wire Puller	double action, 4 mm wide	Tungsten Carbide	7" (17.8 cm)
27-165TC	Pin and Wire Puller	double action, 6 mm wide	Tungsten Carbide	7" (17.8 cm)
27-163TC	Front and Side Pin and Wire Cutter	double action, flush cutting, cuts up to 2 mm (5/64") soft wire, 1.6 mm (1/16") hard wire	Tungsten Carbide	7" (17.8 cm)
27-160	Diamond Pin and Wire Cutter	cuts up to 2 mm (5/64") diameter hard wire	Stainless Steel	6-1/2" (16.5 cm)

* Product shown



40-1350



40-1351



40-1352

Reference	Description	Type
40-1350	Shannon Bone Burs	stainless, standard pattern, no. 43, for regular handpiece
40-1351	**Shannon Bone Burs**	**stainless, standard pattern, no. 44, for regular handpiece**
40-1352	Shannon Bone Burs	stainless, pattern no. 44, gold titanium nitride coated, for regular handpiece

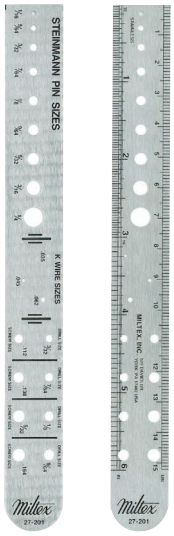
Items in **bold** represent the most popular patterns.



27-180



33-230*
33-232
33-234



27-201



27-208* to
27-212



27-202* to
27-206

Reference	Description	Type	Length
27-180	Bunnell Hand Drill	lightweight, chrome plated, 5/32" (4 mm) capacity, stainless Jacobs chuck, use with Kirschner wires and thin drills	4-3/8" (11.1 cm)
33-230	Finger Nail Drill	standard pattern and 3 drill points	4" (10.2 cm)
33-232	Finger Nail Drill	with chuck and 3 drill points	4-1/2" (11.4 cm)
33-234	Set of 3 Drill Points	small, medium and large size, for finger nail drills, chrome	1" (2.5 cm)
27-201	Pin and Wire Gauge for Kirschner Wires	-	6" (15.2 cm)
27-208	Kirschner Wires	trocar point, both ends, .035" (0.9 mm) diameter	7-1/2" (19.1 cm)
27-210	Kirschner Wires	trocar point, both ends, .045" (1.1 mm) diameter	7-1/2" (19.1 cm)
27-212	Kirschner Wires	trocar point, both ends, .0625" (1.6 mm) diameter	7-1/2" (19.1 cm)
27-202	Kirschner Wires	trocar point, flat chuck end, .035" (0.9 mm) diameter	12" (30.5 cm)
27-204	Kirschner Wires	trocar point, flat chuck end, .045" (1.1 mm) diameter	12" (30.5 cm)
27-206	Kirschner Wires	trocar point, flat chuck end, .0625" (1.6 mm) diameter	12" (30.5 cm)

* Product shown



27-3002 | 27-3018* 27-3019 | 27-3004 | 27-3022 | **27-3100** | 27-3080

Reference	Description	Type	Length
27-3002	U.S. Pattern Cast Knife	wood handle, 1-1/2" (3.8 cm) blade	5-1/2" (14 cm)
27-3018	Synthetic Cast Cutter	sharp, one serrated	6-3/4" (17.1 cm)
27-3019	Synthetic Cast Cutter	blunt, one serrated	7-1/4" (18.4 cm)
27-3004	Reiner Cast Knife	metal handle, 1-1/2" (3.8 cm) blade	7" (17.8 cm)
27-3022	Wigmore Cast Saw	-	7-3/4" (19.7 cm)
27-3100	**3-Prong Cast Spreader**	**spring action, one-hand operation**	**9" (22.9 cm)**
27-3080	Wolfe-Boehler Cast Breaker	jaws 15 mm wide, deep serrations	10" (25.4 cm)

* Product shown

Items in **bold** represent the most popular patterns.



19-100 **19-102** 19-104 19-106 19-108 19-120

Reference	Description	Type
19-100	Tuning Fork	aluminum alloy, c-64 vibrations
19-102	**Tuning Fork**	**aluminum alloy, c-128 vibrations**
19-104	Tuning Fork	aluminum alloy, c-256 vibrations
19-106	Tuning Fork	aluminum alloy, c-512 vibrations
19-108	Tuning Fork	aluminum alloy, c-1024 vibrations
19-120	Set of 5 Tuning Forks	aluminum alloy, c-128, c-256, c-512, c-1024 and c-2048 in fitted molded vinyl zippered case

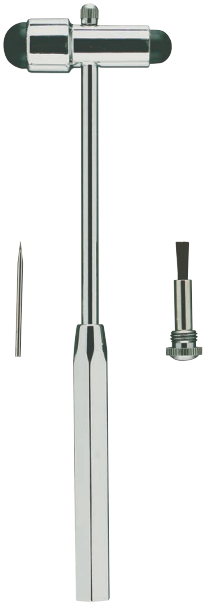
Items in **bold** represent the most popular patterns.



1-200



1-202



1-220



1-3200



18-660



1-226

Reference	Description	Type	Length
1-200	Taylor Percussion Hammer	pediatric, solid handle, stainless	7" (17.8 cm)
1-202	**Taylor Percussion Hammer**	**standard, solid handle, chrome**	**7-1/2" (19.1 cm)**
1-220	Buck Neurological Hammer	with brush and needle (screw into handle), chrome	7-3/4" (19.7 cm)
1-3200	Fiberglass Tape Measure	plastic case, push button tape return	1/4" (6.4 mm) wide, graduated in millimeters and inches
18-660	Flexible Ruler	stainless	6" (15.2 cm) x 1/2" (1.3 cm), graduated in millimeters and inches
1-226	Wartenberg Neurological Pin Wheel	-	7" (17.8 cm)

Items in **bold** represent the most popular patterns.

Integra® Miltex® CryoSolutions®



Economical - Convenient - Effective

- **Rapid freezing (-127° F) in a lightweight self-contained instrument.**
- **CryoSolutions nitrous oxide will not evaporate from cartridge.** (CryoSolutions is ready for use when you are!)
- **Lightweight, portable with pinpoint accuracy.** (Lesions are precisely "targeted" with CryoSolutions)
- **Glass tips are autoclavable.**

CryoSolutions, Product Listing and Replacement Parts

Reference	Description
33510	Complete set, includes unit with standard 1 mm wide tip, one cartridge (23.5 g N2O), metal pin, user manual and plastic case
33511	Standard 1 mm wide glass tip
33512	Dermatology 2 mm wide glass tip
33513	Dermatology 3 mm wide glass tip
33514	Dermatology 4 mm wide glass tip
33516	10 Pack of Cartridges (23.5 g N2O) medical grade, with threaded safety valve
33517	4 Pack of Cartridges (23.5 g N2O) medical grade, with threaded safety valve
33519	CryoSolutions® replacement plastic carrying case with protective foam
33520	CryoSolutions® replacement metal pin



33510 (complete set)

Contact Integra Miltex Customer Service for CPT Code Summary



33511 33512 33513 33514 33516 33517 33520

Biopsy Punch, Sterile

Biopsy Punch with Plunger System

- Plunger system helps with ejection of lodged specimens
- Available in boxes of 25
- Color coded by size - five sizes available


33-31AA-P/25


33-31A-P/25


33-31-P/25

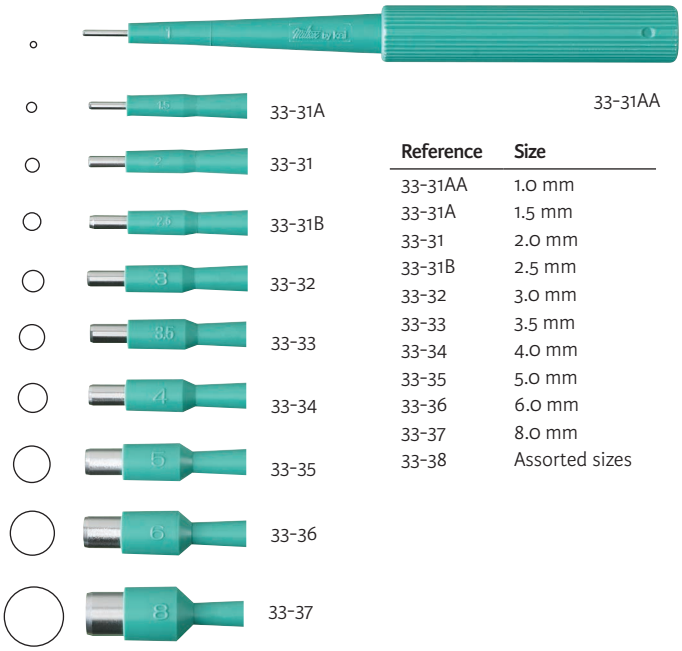

33-32-P/25


33-34-P/25

Reference	Size
33-31AA-P/25	1.0 mm w/plunger
33-31A-P/25	1.5 mm w/plunger
33-31-P/25	2.0 mm w/plunger
33-32-P/25	3.0 mm w/plunger
33-34-P/25	4.0 mm w/plunger

Biopsy Punch, Standard

- Each dispenser box contains 50 punches
- Ten sizes for a wide range of applications
- Assortment box contains 10 each of the following sizes: 2 mm, 3 mm, 4 mm, 5 mm, and 6 mm



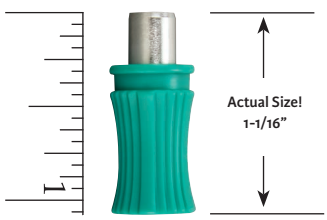
Reference	Size
33-31AA	1.0 mm
33-31A	1.5 mm
33-31	2.0 mm
33-31B	2.5 mm
33-32	3.0 mm
33-33	3.5 mm
33-34	4.0 mm
33-35	5.0 mm
33-36	6.0 mm
33-37	8.0 mm
33-38	Assorted sizes

Short Handled Biopsy Punch, Sterile

- Each dispenser box contains 50 punches
- Short handle is useful to biopsy hard to reach areas
- Available in four sizes: 3.5 mm, 4 mm, 5 mm and 6 mm

Reference	Description	Size	Quantity
33-33-SH	Short Handled Biopsy Punch	3.5 mm	50/box
33-34-SH	Short Handled Biopsy Punch	4 mm	50/box
33-35-SH	Short Handled Biopsy Punch	5 mm	50/box
33-36-SH	Short Handled Biopsy Punch	6 mm	50/box





Miltex BiopBlade®, Sterile

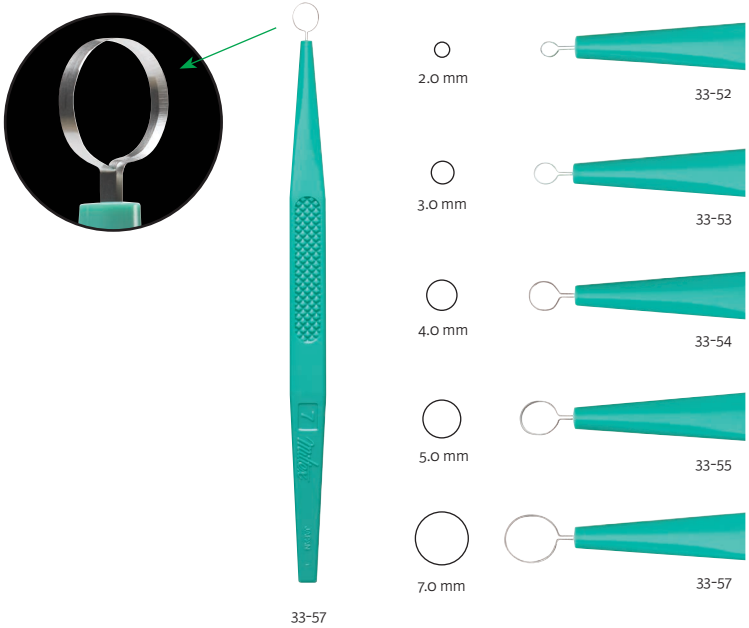
Reference	
33-100	Miltex BiopBlade®, 50 per box





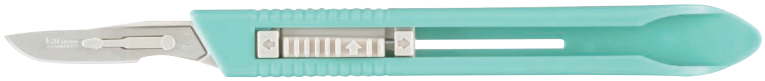
Dermal Curettes, Sterile

Reference	Size
33-52	2.0 mm
33-53	3.0 mm
33-54	4.0 mm
33-55	5.0 mm
33-57	7.0 mm



Safety Scalpels, Sterile

Reference	Size
4-510	10
4-511	11
4-512	12
4-515	15
4-515C	15C Angled Blade
4-522	22



4-510



4-510



4-515



4-511



4-515C



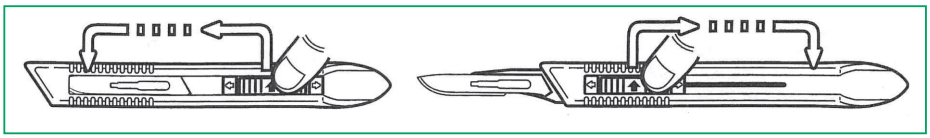
4-512



4-522

Directions For Use

Gently push slider to right and completely forward in one simple motion. Blade locks into place with audible confirmation.
To retract, push slider to right and back to return blade to original protected position.



Standard Scalpels, Sterile

Reference	Size
4-410	10
4-411	11
4-412	12
4-415	15
4-420	20
4-421	21
4-422	22
4-423	23



4-410



4-410



4-420



4-411



4-421



4-412



4-422



4-415



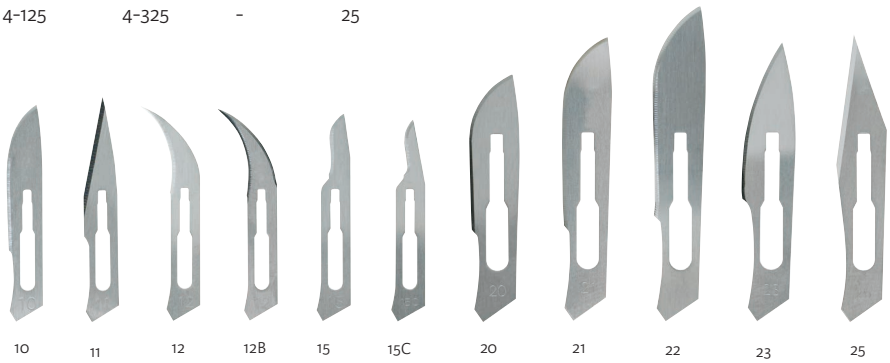
4-423

Surgical Blades, Sterile

CS* Reference	SS** Reference	SC*** Reference	Size
4-110	4-310	4610	10
4-111	4-311	4611	11
4-112	4-312	-	12
4-112B$^{\Delta}$	4-312B$^{\Delta}$	-	12B$^{\Delta}$
4-115	4-315	4615	15
4-115C$^{\Delta\Delta}$	4-315C$^{\Delta\Delta}$	-	15C$^{\Delta\Delta}$

CS* Reference.	SS** Reference	SC*** Reference	Size
4-120	4-320	-	20
4-121	4-321	-	21
4-122	4-322	-	22
4-123	4-323	-	23
4-125	4-325	-	25

*Carbon Steel ** Stainless Steel *** Silicone Coated
ΔB is a double edged blade ΔΔC is an angled blade



Scalpel Handles

Integra Miltex offers a wide array of scalpel blade handles and the Blade Safe Remover to aid in the safe removal of blades and to help protect against accidental cuts and punctures.

Reference	Description	Length	Fits Blades 10-15C	Fits Blades 20-25
4-7	No. 3, Stainless Steel Graduated in mm and cm	5" (12.7 cm)	✓	-
4-7R	No. 3, Chrome Graduated in mm and cm	5" (12.7 cm)	✓	-
4-8	No. 4, Stainless Steel Graduated in mm and cm	5-3/8" (13.6 cm)	-	✓
4-8R	No. 4, Chrome Graduated in mm and cm	5-3/8" (13.6 cm)	-	✓
4-9	No. 7, Stainless Steel	6-1/2" (16.5 cm)	✓	-
4-10*	No. 3L, Stainless Steel	8-1/2" (21.6 cm)	✓	-
4-11*	No. 4L, Stainless Steel	8-1/2" (21.6 cm)	-	✓
4-12*	No. 3La, Stainless Steel, Angled	8-1/2" (21.6 cm)	✓	-
4-16	No. 9, Stainless Steel	4-1/2" (11.4 cm)	✓	-
4-17	Siegel, Stainless Steel, Round Handle	5-3/4" (14.6 cm)	✓	-
4-18	No. 5, Plastic Handle, Green	5" (12.7 cm)	✓	-
4-20	No. 6, Plastic Handle, Red	5-1/4" (13.3 cm)	-	✓
4-30**	No. 3, Fitting Blades, Grey	5-1/2" (14.0 cm)	✓	-
4-31**	No. 4, Fitting Blades, Blue	5-1/2" (14.0 cm)	-	✓
4-400***	Miniature Blade Handle W/Chuck Round Knurled (3K Type)	3-3/4" (9.5 cm)		
4-401***	Miniature Blade Handle W/Self-Locking Chuck, Round Knurled (3K Type)	3-3/4" (9.5 cm)		
4-405***	Self-Locking Chisel Blade Handle, Stainless Steel	5-1/4" (13.3 cm)		
4-100	Blade Safe Surgical Blade Remover For Any Style Handle	-		



4-100

* For deep surgery

** EZ-OFF reusable plastic knife handles, autoclavable, permitting quick and safe removal of blade, 10/box

*** Fits Mini Blade (blades not available from Integra Miltex)

Integra® Miltex® Instrument Care & Cleaning Products

Instrument Prep Enzyme Foam

Ready-to-use foaming spray for pre-cleaning soiled instruments and scopes (rigid or flexible).
For applications where instrument cleaning is not immediately available.
Simply spray on instruments until ready for decontamination and cleaning.

Reference	Description
3-760	24 oz. (0.71 liter) spray bottles (case of 12)*



3-760

EZ-Zyme® All Purpose Enzyme Cleaner

Cleans hard to remove proteinaceous (mucus & tissue) and lipid (fatty) materials from the surfaces of surgical and dental instruments, linen, water submersible equipment, or where mechanical scrubbing is impractical.

- Easy to Use
- Neutral pH
- Multi-use as an instrument presoak, ultrasonic cleaner, laundry presoak, and evacuation system cleaner
- Space-saving or bulk options

Reference	Description
3-750	32 packets (each packet, 3/4 oz., 22 ml) 1 box makes 32 gallons of solution
3-755	1-gallon bottle (3.79 liter), makes 170 gallons of solution



3-755
3-750

Surgical Instrument Cleaner

Super concentrate formula for manual and ultrasonic cleaning or soaking of surgical instruments, accessories and glassware.

- Neutral pH
- Biodegradable
- Rinses free, leaves no residue
- Phosphate-free

Reference	Description
3-720	8 fl. oz. (0.24 liter) bottles (case of 12), makes 32 gallons of solution*
3-725	1-gallon bottle (3.79 liter), makes 512 gallons of solution



3-725
3-720

*Contact Distributor for availability of individual units

Surgical Instrument Cleaner & Lubricant

A dual-purpose instrument cleaner and lubricant. Chemically engineered for use as a presoak or for manual cleaning, washer/decontaminators, ultrasonic cleaners and cart washers.

- Cleaner and brighter instruments
- Removes stains, blood and mineral deposits
- Biodegradable
- Concentrate, lower cost per use

Reference	Description
3-710	1 Gallon, 128 fl. oz. (3.79 liter) (see label for concentration rates)

Note: when using this product, no additional lubrication is required



3-710

Instrument Lubricant

A water emulsible soaking agent works to extend the life of surgical instruments. Concentrated non-silicone lubricant and rust inhibitor. Use daily to keep moving parts operating smoothly.

- Formulated to extend the working life of surgical instruments
- Helps prevent corrosion
- Formulated with gentle, non-aggressive ingredients
- Frees up box-locks, lubricates moving parts of surgical instruments

Reference	Description
3-705	1 Gallon, 128 fl. oz. (3.79 liter) (see label for concentration rates)



3-705

Spray Lube (Surgical Instrument Lubricant)

Pre-mixed, non-silicone and anti-corrosive formula in a ready-to-use 8 oz. spray pump bottle. Steam permeable and water soluble. Helps prevent spotting, staining and rusting. Lubricates instrument box-locks, screw locks, scissors blades and any other metal on metal moving parts.

Reference	Description
3-700	8 fl. oz. (0.24 liter) bottles (case of 12)*



3-700

*Contact Distributor for availability of individual units

Surgical Instrument Stain Remover

This powder formula removes stains and restores luster to surgical instruments, autoclaves, ultrasonic cleaners, stainless steel countertops, etc. For use on stainless steel, chrome, nickel, brass, copper and silver. *

- Effective on instruments, autoclaves, ultrasonic cleaners or any stainless steel, tile or plated surface
- Will not harm instrument surfaces
- Easy, fast, convenient to use
- Economical

Reference	Description
3-740	3 oz. (85 grams), (case of 12)*



3-740

*Contact Distributor for availability of individual units

Nylon & Stainless Steel Brushes

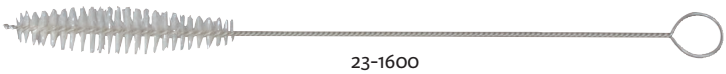
- Nylon bristles for effective cleaning of instrument box-locks
- Stainless steel bristles for cleaning serrations
- Autoclavable



3-1000



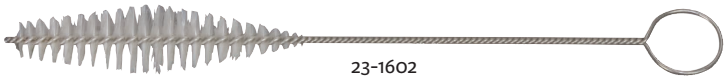
3-1001



23-1600



21-379



23-1602

Reference	Description	Type	Length
3-1000	Instrument Cleaning Brushes	nylon bristles (set of 3)	7-1/4" (18.4 cm)
3-1001	Instrument Cleaning Brushes	stainless steel bristles (set of 3)	7-1/4" (18.4 cm)
21-379	Stainless Wire Brush	-	6-1/4" (15.9 cm)
23-1600	Cleaning Brushes for Trachea and Laryngectomy Tubes	small brush for tubes sizes 2 To 5	8" (20.3 cm)
23-1602	Cleaning Brushes for Trachea and Laryngectomy Tubes	large brush for tubes sizes 6 To 12	6" (15.2 cm)

*Contact Distributor for availability of individual units

Instrument Care Kit System

A great way to try various Integra® Miltex® instrument care products!

Reference	Description
3-800	Spray Lube (3-700), Surgical Instrument Cleaner (3-720), Surgical Instrument Stain Remover (3-740), Instrument Care DVD (3-810), Nylon & Stainless Steel Brushes (3-1000, 3-1001)



3-800

Instrument Care Training

A 25-minute Instructional DVD assists practitioners and staff to properly care for instruments and to keep them in top working condition. The DVD offers step-by-step guidance on handling, cleaning, rinsing, inspecting, lubricating and sterilizing surgical instruments.

The step-by-step poster (SURGHIPPOST) provides easy instructions to clean and prepare instruments for sterilization.

Try a variety of our popular cleaning products with a H.I.P. sample box.

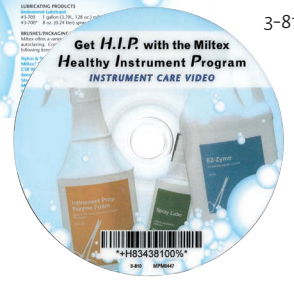
Reference	Description
3-810	Instrument Care DVD
SURGHIPPOST	H.I.P. Poster
SURGHIPBOX	H.I.P. Sample Box

SURGHIPBOX





SURGHIPPOST



3-810

Silitone™ Color Bands

Silitone™ color bands are made from medical-grade silicone and can withstand temperatures up to 450° F. Silitone™ bands expand from 4 mm to 12 mm and are available in a variety of colors.





Will work with ring-handled instruments!

Reference	Description	Color
VSTSA	Pack of 50 Pieces	Grey
VSTSB	Pack of 50 Pieces	Blue
VSTSD	Pack of 50 Pieces	Gold
VSTSG	Pack of 50 Pieces	Green
VSTSK	Pack of 50 Pieces	Black
VSTSL	Pack of 50 Pieces	Light Blue
VSTSN	Pack of 50 Pieces	Brown
VSTSP	Pack of 50 Pieces	Pink
VSTSR	Pack of 50 Pieces	Red
VSTSU	Pack of 50 Pieces	Purple
VSTSW	Pack of 50 Pieces	White
VSTSY	Pack of 50 Pieces	Yellow
VST	Kit of 12 Colors - 480 Pieces	-
VSTA	Kit of 12 Colors - 120 Pieces (10 of Each Color)	-

(Exercise caution when applying color bands to instruments with sharp points.)

Tip-It™ Instrument Protectors

Tip-It™ Instrument Protectors guard instrument tips and edges from damage during handling and sterilization.

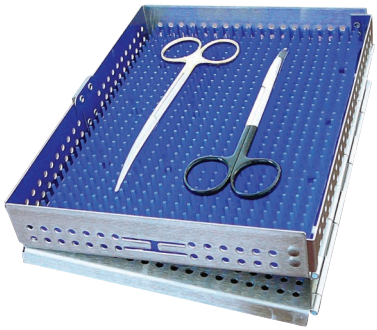
- PVC medical grade plastic
- Latex-free material
- Steam and gas sterilizable
- 50 per pack



Reference Clear Vented	Reference Tinted Vented	Reference Solid Vented	Reference Solid Non-Vented	Dimension	Size Code	Color
3-2501C	3-2501T	3-2501V	3-2501	1/16" x 3/4" (1.6 mm x 19 mm)	1	White*
3-2502C	3-2502T	3-2502V	3-2502	5/64" x 3/4" (2 mm x 19 mm)	2	Blue*
3-2503C	3-2503T	3-2503V	3-2503	7/64" x 3/4" (2.8 mm x 19 mm)	3	Green*
3-2504C	3-2504T	3-2504V	3-2504	1/8" x 1" (3.2 mm x 25.4 mm)	4	Red*
3-2505C	3-2505T	3-2505V	3-2505	3/16" x 1" (4.8 mm x 25.4 mm)	5	Yellow*
3-2506C	3-2506T	3-2506V	3-2506	13/32" x 3/4" (10.3 mm x 19 mm)	6	Maroon*
3-2507C	3-2507T	3-2507V	3-2507	1/16" x 3/8" x 1" (1.6 mm x 9.5 mm x 25.4 mm)	7	Orange*
3-2508C	3-2508T	3-2508V	3-2508	5/64" x 5/8" x 1" (2 mm x 16 mm x 25.4 mm)	8	Brown*
3-2509C	3-2509T	3-2509V	3-2509	1/8" x 1" x 1" (3.2 mm x 25.4 mm x 25.4 mm)	9	Black*
3-2510C	3-2510T	3-2510V	3-2510	Assorted, equal number of sizes plus 5	-	-

* Color does not apply to clear vented pattern

Integra® Miltex® Instrument Storage System featuring the "Tuck-Away™" Lid





Universal Cassette Without Mat

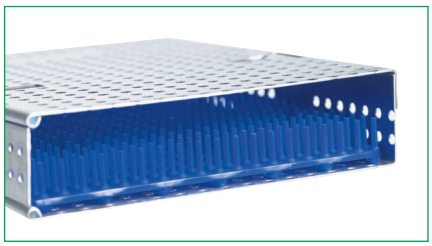
Item#	Size
4-6835	6-1/2" x 6-1/4" x 1-3/16"
4-083000	8" x 3-13/16" x 1-3/16"
4-084000	8" x 4-7/8" x 1-3/16"
4-085000	8" x 6" x 1-3/16"
4-089100	8" x 9" x 1-3/16"
4-008122	8" x 11" x 1-3/16"
4-008115	8" x 11" x 2"
4-009126	9-1/8" x 13" x 1-3/16"
4-6815	15" x 8-1/4" x 1-3/16"

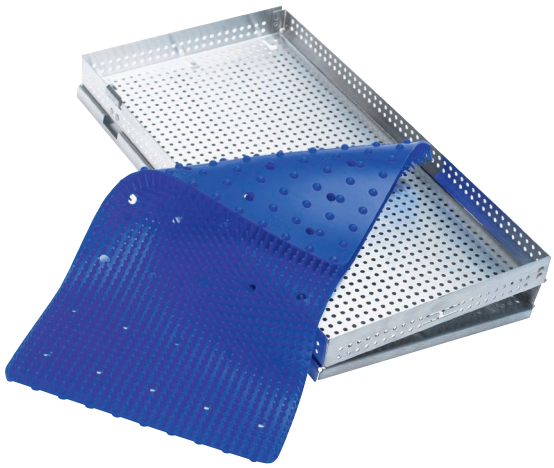
Slimline Series Without Mat

Item#	Size
3-072007*	7" x 2-5/8" x 11/16"
3-082008*	8" x 2-5/8" x 11/16"
STDSL27*	7" x 2-5/8" x 1"
3-072014*	7" x 4-5/8" x 11/16"

*Single-hinge design

Latex-Free Silicone Mats





Mat Only

Item#	Description	Size
4-6835MAT	For Cassette 4-6835	6-1/2" x 6-1/4"
4-083000MAT	For Cassette 4-083000	8" x 3-13/16"
4-084000MAT	For Cassette 4-084000	8" x 4-7/8"
4-085000MAT	For Cassette 4-085000	8" x 6"
4-089100MAT	For Cassette 4-089100	8" x 9"
4-008122MAT	For Cassette 4-008122 & 4-008115	8" x 11"
4-009126MAT	For Cassette 4-009126	9-1/8" x 13"
4-6815MAT	For Cassette 4-6815	15" x 8-1/4"

Sterilization Cases

Reference	Description	Dimensions
3-550	With Handles and Removable Cover	8" x 8-1/2" x 1-1/4" (203 mm x 216 mm x 32 mm)
3-552	With Handles and Removable Cover	8" x 12-1/4" x 1-1/4" (203 mm x 311 mm x 32 mm)
3-554	With Handles and Removable Cover	10-1/2" x 10" x 1-1/2" (267 mm x 254 mm x 38 mm)



3-554

Sterilization Cases

Reference	Description	Dimensions
3-570	With Handles and Removable Cover	8-1/2" x 8" x 1-1/4" (216 mm x 203 mm x 32 mm)
3-572	With Handles and Removable Cover	8-1/2" x 12" x 1-1/4" (216 mm x 305 mm x 32 mm)
3-574	With Handles and Removable Cover	10-1/2" x 10" x 1-1/2" (267 mm x 254 mm x 38 mm)
3-576	With Handles and Removable Cover	10-1/2" x 15" x 1-1/4" (267 mm x 382 mm x 32 mm)



3-570

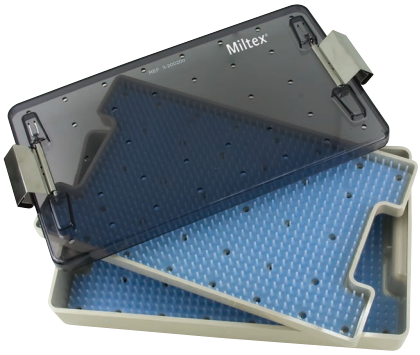
Sterilization Trays

Reference	Description	Dimensions
3-200100	Single Layer	7" x 11" x 1-1/2" (178 mm x 279 mm x 38 mm)
3-200200	Double Layer	7" x 11" x 1-1/2" (178 mm x 279 mm x 38 mm)
3-200300	Single Layer	4" x 8" x 3/4" (102 mm x 203 mm x 19 mm)
3200100A	Replacement Mat for Tray 3-200100 and 3-200200	7" x 11" (178 mm x 279 mm)
3200300A	Replacement Mat for Tray 3-200300	4" x 8" (102 mm x 203 mm)





3-200100



3-200200



3-200300

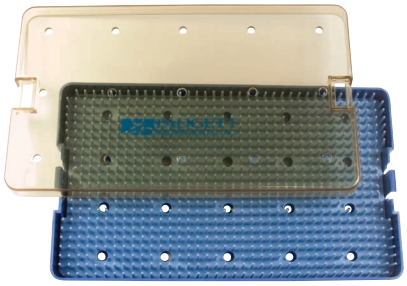
Microsurgical Plastic Trays

Reference	Description	Dimensions
PM-9325*	With Silicone Mat	11" x 7" x 3/4" (279 mm x 178 mm x 9 mm)
PM-9326*	With Silicone Mat	10" x 5-3/4" x 3/4" (254 mm x 146 mm x 19 mm)
PM-9323*	With Silicone Mat	2-3/4" x 1-3/4" x 3/4" (73 x 44 x 19 mm)

* Padgett



PM-9323



PM-9325



PM-9326

Sterilization Products

Integra Miltex offers a wide range of sterilization products which can be used in conjunction with the Universal cassettes.

CSR Wrap

CSR wrap is electronically inspected for defects such as pin holes and is monitored for thickness consistency. Suitable for steam, ETO gas and radiation sterilization processes.

Reference	Dimensions	Case quantity
STD1515	15" x 15"	1000/case
STD2020	20" x 20"	500/case
STD2424	24" x 24"	500/case



STD1515

Indicator Tapes

Used to visually identify processed from unprocessed packs. Integra® Miltex® Indicator Tapes are manufactured from a specially treated crêpe paper and are coated with a high performance, pressure-sensitive adhesive that will not come undone when subjected to wet or dry heat. Supplied in 60 yard rolls, Integra® Miltex® Indicator Tapes are available in steam, vapor and dry heat styles.

Reference	Description
STDSTEAM	3/4" Steam, 60 yd.
STDDRY	1" Dry Heat, 60 yd.



STDSTEAM



STDDRY

Steam Indicator Strips

Reference	Description
STDIND	Steam Indicator Strips, 250/bx





STDIND



3-900



3-913



3-914

Sponge Bowls

Reference	Size
3-900	4-5/16" x 2-13/64" (12 oz)
3-901	4-1/4" x 2" (16 oz)
3-902	**5-5/8" x 2-9/32" (22 oz)**
3-903	6-27/64" x 2-1/4" (30 oz)
3-904	6-27/64" x 2-3/4" (36 oz)
3-905	7-9/16" x 3-3/16" (47 oz)
3-906	8-3/16" x 3-5/16" (64 oz)

Iodine and Medicine Cups

Reference	Description	Size
3-912	**Iodine Cup**	**3-5/16" x 2" (6 oz)**
3-913	Iodine Cup	5-1/32" x 2-23/64" (14 oz)
3-914	**Medicine Cup, Graduated**	**2-5/32" x 2-5/32" (2 oz)**



3-907



3-910

Tumbler

Reference	Size
3-907	2-7/8" x 3-1/8" (7 oz)

Solution Basins

Reference	Size
3-908	12-33/64" x 3-35/64" (4-1/2 qt)
3-909	13-25/32" x 4-17/32" (6 qt)
3-910*	**13-25/32" x 4-59/64" (7 qt)**

Items in **bold** represent the most popular patterns.



3-915

Forceps Jars

Reference	Size
3-915	1-19/64" x 3-5/32"
3-916	2-3/16" x 4-21/64"
3-917	**2-3/16" x 7-5/64"**



3-954

Dressing Jars with Covers

Cover included with jar

Reference	Size
3-953	4" x 2-5/8" (1/2 qt)
3-954	5" x 6-3/8" (2 qt)
3-955	5-7/8" x 7-5/64" (3 qt)



3-920

Emesis Basins

Reference	Size
3-918	7-7/8" x 3-3/4" x 1-19/64" (10 oz)
3-919	8-5/32" x 3-55/64" x 1-17/32" (12 oz)
3-920	**9-23/32" x 4-51/64" x 1-11/16" (20 oz)**



3-934

Instrument Trays

Reference	Size
3-934	10" x 6-1/2" x 23/32", rolled edge
3-935	**14" x 10" x 5/8", rolled edge**
3-936	21-11/32" x 16-7/16" x 7/8", rolled edge



3-922

Perforated Mayo Trays

Reference	Size
3-921	**10" x 6-1/2" x 23/32"**
3-922	14" x 10" x 5/8"
3-924	17" x 11-5/8" x 3/4"
3-925	19-11/64" x 12-23/32" x 33/64"



3-927

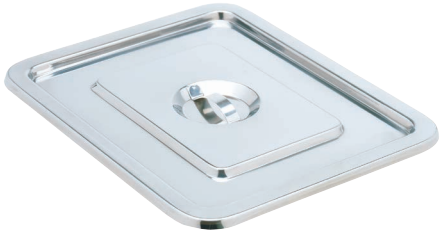
Non-Perforated Mayo Trays

Reference	Size
3-926	10" x 6-1/2" x 23/32"
3-927	14" x 10" x 5/8"
3-929	17" x 11-5/8" x 3/4"
3-930	19-11/64" x 12-23/32" x 33/64"

Items in **bold** represent the most popular patterns.



3-946



3-947

Instrument Trays and Covers, Cover Sold Separately

Reference	Description	Size
3-945	Instrument Tray, Solid	12-23/32" x 10-27/64" x 2-1/2"
3-946	Instrument Tray, Solid	12-23/32" x 10-27/64" x 3-3/4"
3-947	Flat Cover, For Reference 3-945 and 3-946	12-29/32" x 10-35/64" x 7/16"
3-948	**Instrument Tray, Solid**	**10-25/64" x 6-49/64" x 1-27/32"**
3-949	Flat Cover, For Reference 3-948	10-15/32" x 6-61/64" x 7/16"



3-938



3-939



3-940

Cath Trays and Covers, Cover Sold Separately

Reference	Description	Size
3-937	**Cath Tray**	**8-25/32" x 4-61/64" x 1-49/64"**
3-938	Cath Tray	8-7/8" x 5" x 3"
3-939	Flat Cath Cover, For Reference 3-937 and 3-938	8" x 5" x 7/16"
3-940	Dome Cath Cover, For Reference 3-937 and 3-938	8" x 5" x 7/16"
3-941	Cath Tray, Narrow	8-35/64" x 3-5/64" x 1-1/2"
3-942	Dome Cath Cover, Narrow, For Reference 3-941	8-21/32" x 3-5/16" x 19/32"
3-943	Cath Tray, Long	15-3/4" x 2-3/4" x 2"
3-944	Dome Cath Cover, Long, For Reference 3-943	15-13/16" x 3-1/32" x 29/32"

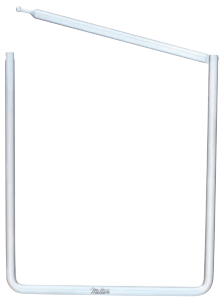
Items in **bold** represent the most popular patterns.



3-70 to 3-74



3-75 to 3-80



3-81 to 3-85



3-86 to 3-89

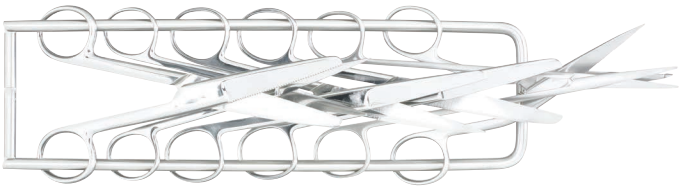


3-90 to 3-95



3-96 to 3-99

Instrument Stringers



Reference	Description	Size
3-70	Stringer - Side Lock, Wide	2-1/2" x 8"
3-71	Stringer - Side Lock, Wide	2-1/2" x 10"
3-72	Stringer - Side Lock, Wide	2-1/2" x 12"
3-74	Stringer - Side Lock, Wide	2-1/2" x 16"
3-75	Stringer - Side Lock	2-1/2" x 6"
3-76	Stringer - Side Lock	2-1/2" x 8"
3-77	Stringer - Side Lock	2-1/2" x 10"
3-78	Stringer - Side Lock	2-1/2" x 12"
3-79	Stringer - Side Lock	2-1/2" x 16"
3-80	Stringer - Side Lock	2-1/2" x 18"
3-81	Stringer - Side Lock	5" x 8"
3-82	**Stringer - Side Lock**	**5" x 10"**
3-83	Stringer - Side Lock	5" x 12"
3-84	Stringer - Side Lock	5" x 16"
3-85	Stringer - Side Lock	5" x 18"
3-86	Stringer - Open U	2-1/2" x 6"
3-87	Stringer - Open U	2-1/2" x 8"
3-88	Stringer - Open U	2-1/2" x 10"
3-89	Stringer - Open U	2-1/2" x 12"
3-90	**Stringer - Center Lock**	**2-1/2" x 6"**
3-91	Stringer - Center Lock	2-1/2" x 8"
3-92	Stringer - Center Lock	2-1/2" x 10"
3-93	**Stringer - Center Lock**	**2-1/2" x 12"**
3-94	**Stringer - Center Lock**	**2-1/2" x 16"**
3-95	**Stringer - Center Lock**	**2-1/2" x 18"**
3-96	Stringer - Closed U	2-1/2" x 6"
3-97	Stringer - Closed U	2-1/2" x 8"
3-98	Stringer - Closed U	2-1/2" x 10"
3-99	Stringer - Closed U	2-1/2" x 12"

Items in **bold** represent the most popular patterns.

General Podiatry Set

Reference	Description	Tips/Jaws	Length	Quantity
4-7	Knife Handle no. 3, Stainless Steel	graduated in mm and cm	5" (12.7 cm)	1
4-8	Knife Handle no. 4, Stainless Steel	graduated in mm and cm	5-3/8" (13.6 cm)	1
5-306	Iris Scissors	curved	4-1/2" (11.4 cm)	1
5-514	Lister Bandage Scissors	extra fine	5-1/2" (14 cm)	1
6-118	Adson Dressing Forceps	delicate, serrated	4-3/4" (12.1 cm)	1
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)	1
7-4	Halsted Mosquito Forceps	curved	5" (12.7 cm)	1
7-506	Backhaus Towel Clamp	-	5-1/4" (13.3 cm)	2
40-58/1-3	Curette Excavator	double ended with holes, 1.5 mm and 2 mm	5-1/2" (14 cm)	1
40-67	Hand Chisel	curved, 6 mm wide	6" (15.2 cm)	1
40-91	Spatula and Packer	oval spatula 7 mm wide and 2 x 25 mm packer	6" (15.2 cm)	1
40-210-SS	Nail Nipper	concave	5-1/2" (14 cm)	1
40-212-SS	Nail Nipper	straight	5-1/2" (14 cm)	1
40-226A	Nail Nipper	extra narrow, straight	5" (12.7 cm)	1
40-227-SS	Nail Nipper	heavy, straight	6" (15.2 cm)	1
40-230	Nail Splitter	English Anvil	5" (12.7 cm)	1
40-465	Moleskin and Felt Scissors	sharp/blunt, curved	7-1/2" (19.1 cm)	1
4-008122	Cassette, Unviersal #22	-	8" x 11 x 1-3/16"	1
4-008122MAT	Silicone Mat	-	8" x 11"	1



4-7 4-8 5-306 5-514 6-118 7-2 7-4 7-506 40-58/1-3



40-67 40-91 40-210-SS 40-212-SS 40-226A 40-227-SS 40-230 40-465 4-008122 4-008122MAT

Podiatry Bunion Set

Reference	Description	Tips/Jaws	Length	Quantity
4-7	Knife Handle no. 3, Stainless Steel	graduated in mm and cm	5" (12.7 cm)	2
4-401	Miniature Blade Handle W/Self-Locking Chuck	round knurled (3K type)	3-3/4" (9.5 cm)	1
5-16	Operating Scissors	sharp/blunt, straight	5-1/2" (14 cm)	1
5-120	Mayo Dissecting Scissors	straight, beveled	5-1/2" (14 cm)	1
5-172	Reynolds Dissecting Scissors	curved, tenotomy	6" (15.2 cm)	1
5-180	Metzenbaum Scissors	curved	5-1/2" (14 cm)	1
6-44	Tissue Forceps	standard, serrated, 1 x 2 teeth	5-1/2" (14 cm)	2
6-46	Tissue Forceps	standard, serrated, 1 x 2 teeth	6" (15.2 cm)	1
6-124	Brown-Adson Tissue Forceps	standard, serrated, 7 x 7 teeth	4-3/4" (12.1 cm)	2
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)	10
7-66	Kocher Forceps	straight, 1 x 2 teeth	5-1/2" (14 cm)	2
7-506	Backhaus Towel Clamp	-	5-1/4" (13.3 cm)	2
7-600	Foerster Sponge Forceps	straight, serrated	9-1/2" (24.1 cm)	2
8-4	Derf Needle Holder	serrated	4-3/4" (12.1cm)	2
11-74	Senn Retractor	double ended, sharp	6-3/8" (16.2 cm)	2
11-144	Pediatric Ribbon Retractor	malleable, 5/8" (1.6 cm) wide	8" (20.3 cm)	2
11-600	Weitlaner Retractor	sharp, 2 x 3 teeth	4-1/4" (10.8cm)	1
18-414	Tyrell Hook	blunt	5" (12.7 cm)	2
18-1968	Freer Elevator	double ended, sharp/blunt, 5 mm wide	7" (17.8 cm)	1
21-330	Joseph Rasp	fine cross serrations	6-1/4" (15.9 cm)	1
21-626	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	straight	5-3/4" (14.6 cm)	1
22-480	Blumenthal Rongeur	30 degree angle	6" (15.2 cm)	1
3-5110-15	Container with Lid, 1/2 Size, Perforated Bottom	-	11-1/4" x 11" x 6"	1
3-5174-09WF	Perforated Basket w/Feet, 1/2 Size	-	(242 x 252 x 108 mm)	1



4-7 4-401 5-16 5-120 5-172 5-180 6-44 6-46 6-124 7-2 7-66 7-506



7-600 8-4 11-74 11-144 11-600 18-414 18-1968 21-330 21-626 22-480

3-5110-15

3-5174-09WF

Toe Nail Removal Set

Reference	Description	Tips/Jaws	Length	Quantity
4-7	Knife Handle no. 3, Stainless Steel	graduated in mm and cm	5" (12.7 cm)	1
4-401	Miniature Blade Handle W/Self-Locking Chuck	round knurled (3K type)	3-3/4" (9.5 cm)	1
6-124	Brown-Adson Tissue Forceps	standard, serrated, 7 x 7 teeth	4-3/4" (12.1 cm)	1
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)	1
21-62	McKenty Elevator	curved tip, 4 mm wide	6" (15.2cm)	1
40-58/1-2	Curette Excavator	double ended, with holes, 1.5 mm and 2 mm	5-1/2" (14 cm)	1
40-91	Spatula and Packer	oval spatula 7 mm wide and 2 x 25 mm packer	6" (15.2 cm)	1
40-230	Nail Splitter	English Anvil	5" (12.7 cm)	1
40-234	Platypus Nail Pulling Forceps	standard	5-1/2" (14 cm)	1
40-235	Platypus Nail Pulling Forceps	narrow	5-1/2" (14 cm)	1
40-250-SS	Tissue and Cuticle Nipper	convex	4-1/2" (11.4 cm)	1
4-008122	Cassette, Unviersal #22	-	8" x 11 x 1-3/16"	1
4-008122MAT	Silicone Mat	-	8" x 11"	1



4-7



4-401



6-124



7-2



21-62



40-58/1-2



40-91



40-230



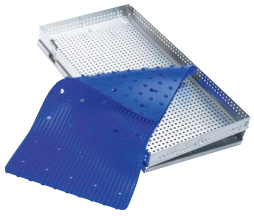
40-234



40-235



40-250-SS



4-008122
4-008122MAT

Toe Pack Set

Reference	Description	Tips/Jaws	Length	Quantity
4-401	Miniature Blade Handle w/Self-Locking Chuck	round knurled (3K type)	3-3/4" (9.5 cm)	1
5-16	Operating Scissors	sharp/blunt, straight	5-1/2" (14 cm)	1
5-120	Mayo Dissecting Scissors	straight, beveled	5-1/2" (14 cm)	1
5-180	Metzenbaum Scissors	curved	5-1/2" (14 cm)	1
5-290	Ragnell Dissecting Scissors	curved	5" (12.7cm)	1
6-44	Tissue Forceps	standard, serrated, 1 x 2 teeth	5-1/2" (14 cm)	1
6-46	Tissue Forceps	standard, serrated, 1 x 2 teeth	6" (15.2 cm)	2
6-124	Brown-Adson Tissue Forceps	standard, serrated, 7 x 7 teeth	4-3/4" (12.1 cm)	2
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)	1
7-4	Halsted Mosquito Forceps	curved	5" (12.7 cm)	2
7-506	Backhaus Towel Clamp	-	5-1/4" (13.3 cm)	2
7-600	Foerster Sponge Forceps	straight, serrated	9-1/2" (24.1 cm)	2
8-4	Derf Needle Holder	serrated	4-3/4" (12.1cm)	2
11-74	Senn Retractor	double ended, sharp	6-3/8" (16.2 cm)	2
18-414	Tyrell Hook	blunt	5" (12.7 cm)	2
18-1968	Freer Elevator	double ended, sharp/blunt, 5 mm wide	7" (17.8 cm)	1
21-330	Joseph Rasp	fine cross serrations	6-1/4" (15.9 cm)	2
21-626	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	straight	5-3/4" (14.6 cm)	1
22-480	Blumenthal Rongeur	30 degree angle	6" (15.2 cm)	1
4-008122	Cassette, Unviersal #22	-	8" x 11 x 1-3/16"	1
4-008122MAT	Silicone Mat	-	8" x 11"	1



4-401 5-16 5-120 5-180 5-290 6-44 6-46 6-124 7-2 7-4



7-506 7-600 8-4 11-74 18-414 18-1968 21-330 21-626 22-480 4-008122 4-008122MAT

Podiatry Major Surgery Set

Reference	Description	Tips/Jaws	Length	Quantity
4-7	Knife Handle no. 3, Stainless Steel	graduated in mm and cm	5" (12.7 cm)	1
5-16	Operating Scissors	sharp/blunt, straight	5-1/2" (14 cm)	1
5-306	Iris Scissors	curved	4-1/2" (11.4 cm)	1
5-514	Lister Bandage Scissors	extra fine	5-1/2" (14 cm)	1
6-44	Tissue Forceps	standard, serrated, 1 x 2 teeth	5-1/2" (14 cm)	2
6-120	Adson Tissue Forceps	delicate, 1 x 2 teeth	4-3/4" (12.1 cm)	3
6-124	Brown-Adson Tissue Forceps	standard, serrated, 7 x 7 teeth	4-3/4" (12.1 cm)	1
7-2	Halsted Mosquito Forceps	straight	5" (12.7 cm)	6
7-4	Halsted Mosquito Forceps	curved	5" (12.7 cm)	6
7-38	Kelly Forceps	curved	5-1/2" (14 cm)	4
7-504	Backhaus Towel Clamp	-	3-1/2"(8.9 cm)	3
7-506	Backhaus Towel Clamp	-	5-1/4" (13.3 cm)	1
7-600	Foerster Sponge Forceps	straight, serrated	9-1/2" (24.1 cm)	3
8-4	Derf Needle Holder	serrated	4-3/4" (12.1cm)	1
8-44	Mayo-Hegar Needle Holder	serrated	6-1/4" (15.9 cm)	1


4-7


5-16


5-306


5-514


6-44


6-120


6-124


7-2


7-4


7-38


7-504


7-506


7-600


8-4


8-44

Podiatry Major Surgery Set, continued

Reference	Description	Tips/Jaws	Length	Quantity
9D-132	Wire Cutting Scissors	straight, one serrated blade	4-1/4" (10.8 cm)	1
11-74	Senn Retractor	double ended, sharp	6-3/8" (16.2 cm)	2
11-144	Pediatric Ribbon Retractor	malleable, 5/8" (1.6 cm) wide	8" (20.3 cm)	2
11-600	Weitlaner Retractor	sharp, 2 x 3 teeth	4-1/4" (10.8cm)	1
16-3	Baby Allis Tissue Forceps	extra delicate, 4 x 5 teeth	5" (12.7 cm)	2
18-412	Tyrell Hook	blunt	5" (12.7 cm)	3
19-792	Lucae Mallet, Head 9 oz. (255 G) Solid Stainless	-	7-3/4" (19.7 cm)	1
21-330	Joseph Rasp	fine cross serrations	6-1/4" (15.9 cm)	1
21-368	Fomon Rasp	double ended, 4-sided, fine/coarse teeth, flat/convex	8-1/4" (21 cm)	1
21-626	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	straight	5-3/4" (14.6 cm)	1
27-610	Set of 9 Swiss Osteotomes	2 mm to 20 mm, complete in fitted sterlizer case	-	1
27-924	Volkman Curette	double ended, oval cup 6 x 10 mm and round cup 10 mm	5" (12.7 cm)	1
40-94	Locke Elevator	small blade, 3 x 15 mm	4-1/2" (11.4 cm)	1
40-234	Platypus Nail Pulling Forceps	standard	5-1/2" (14 cm)	1
40-1308	Liston-Blau Bone Cutting Forceps	straight	5-1/2" (14 cm)	1
3-5110-15	Container with Lid, 1/2 Size, Perforated Bottom	-	11-1/4" x 11" x 6"	1
3-5174-09WF	Perforated Basket w/Feet, 1/2 Size	-	(242 x 252 x 108 mm)	1


9D-132


11-74


11-144


11-600


16-3


18-412


19-792


21-330


21-368


21-626


27-610


27-924


40-94


40-234


40-1308


3-5110-15


3-5174-09WF

Small Bone Set

Reference	Description	Tips/Jaws	Length	Quantity
3-914	Medicine Cup	2oz, graduated	2-5/32" x 2-5/32"	1
4-7	Knife Handle no. 3, Stainless Steel	graduated in mm and cm	5" (12.7 cm)	2
5-124	Mayo Dissecting Scissors	straight, beveled	6-3/4" (17.1 cm)	1
5-180	Metzenbaum Scissors	curved	5-1/2" (14 cm)	1
5-270	Wagner Plastic Surgery Scissors	straight, sharp/sharp	4-3/4" (12.1 cm)	1
5-276	Wagner Plastic Surgery Scissors	curved, sharp/sharp	4-3/4" (12.1 cm)	1
6-44	Tissue Forceps	standard, serrated, 1 x 2 teeth	5-1/2" (14 cm)	2
6-120	Adson Tissue Forceps	delicate, 1 x 2 teeth	4-3/4" (12.1 cm)	2
6-124	Brown-Adson Tissue Forceps	standard, serrated, 7 x 7 teeth	4-3/4" (12.1 cm)	2
7-4	Halsted Mosquito Forceps	curved	5" (12.7 cm)	6
7-44	Crile Forceps	curved	5-1/2" (14 cm)	2
7-150	Rochester-Ochsner Forceps	straight	6-1/4" (15.9 cm)	2
7-504	Backhaus Towel Clamp	-	3-1/2"(8.9 cm)	2
8-50	Crile-Wood Needle Holder	serrated	6" (15.2 cm)	2
8-51	Crile-Wood Needle Holder	serrated	7" (17.8 cm)	1
11-74	Senn Retractor	double ended, sharp	6-3/8" (16.2 cm)	2
11-122	U.S. Army Retractor	double ended, set of 2	8-1/2" (21.6 cm)	2
11-530	Volkman Retractor, Ring Handle	2 prongs, sharp	8-1/4" (21cm)	2
11-600	Weitlaner Retractor	sharp, 2 x 3 teeth	4-1/4" (10.8cm)	1
16-6	Allis Tissue Forceps	4 x 5 teeth	6" (15.2 cm)	2



3-914



4-7



5-124



5-180



5-270



5-276



6-44



6-120



6-124



7-4



7-44



7-150



7-504



8-50
8-51



11-74



11-122



11-530



11-600



16-6

Small Bone Set, continued

Reference	Description	Tips/Jaws	Length	Quantity
18-660	Flexible Stainless Ruler	-	6" (15.2 cm)	1
18-1968	Freer Elevator	double ended, sharp/blunt, 5 mm wide	7" (17.8 cm)	1
19-574	Frazier Suction Tube	9 French, 3 mm	7" (17.8 cm)	1
19-576	Frazier Suction Tube	11 French, 3.6 mm	7" (17.8 cm)	1
19-790	Gerzog Mallet, Head 8 oz. (227 G) Lead Filled	-	7-1/2" (19.7 cm)	1
21-154	Joseph Double Hook	two sharp prongs, 2 mm wide	6-1/4" (15.9 cm)	2
21-626	Ruskin (Kleinert-Kutz) Bone Splitting Forceps	straight	5-3/4" (14.6 cm)	1
27-4	Kern Bone Holding Forceps	standard, with ratchet	9-1/2" (24.1 cm)	2
27-7	Kern Bone Holding Forceps	with ratchet	6-3/4" (17.1 cm)	2
27-16	Lewin Bone Holding Forceps	serrated jaws	7" (17.8 cm)	2
27-30	Lowman Bone Clamp	1 x 2 prong jaws 3/4" (1.9 cm) wide	5" (12.7 cm)	2
27-32	Lowman Bone Clamp	1 x 2 prong jaws 1" (2.5 cm) wide	7" (17.8 cm)	2
27-213	Mini-Hohmann Retractor	6 mm wide	6-1/4" (15.9 cm)	1
27-214	Mini-Hohmann Retractor	8 mm wide	6-1/4" (15.9 cm)	1
27-216	Hohmann Retractor	18 mm wide	9-1/4" (23.5 cm)	1
27-331	Hoke Osteotome	straight 1/8" (.32 cm)	5-1/2" (14 cm)	1
27-332	Hoke Osteotome	straight 3/16" (.48 cm)	5-1/2" (14 cm)	1
27-333	Hoke Osteotome	straight 1/4" (.64 cm)	5-1/2" (14 cm)	1
27-334	Hoke Osteotome	straight 5/16" (.79 cm)	5-1/2" (14 cm)	1
27-335	Hoke Osteotome	straight 3/8" (.95 cm)	5-1/2" (14 cm)	1
27-336	Hoke Osteotome	straight 1/2" (1.3 cm)	5-1/2" (14 cm)	1
27-822	Key Periosteal Elevator	1/2" (1.3 cm) wide	7-1/2" (19.1 cm)	1
27-820	Key Periosteal Elevator	1/4" (.64 cm) wide	7" (17.8 cm)	1
27-1390	Liston Bone Cutting Forceps	straight	5-1/2" (14 cm)	1
73-62	No. 7 Wax Spatula	-	6" (15.2 cm)	1
3-5510-15	Container with Lid, Full Size, Perforated Bottom	-	23" x 11" x 6"	1
3-5574-07WF	Perforated Basket w/Feet, Full Size	-	538 x 252 x 108 mm	1



18-660



18-1968



19-574
19-576



19-790



21-154



21-626



27-4
27-7



27-16



27-30
27-32



27-213
27-214
27-216



27-331
27-332
27-333
27-334
27-335
27-336



27-820
27-822



27-1390



73-62



3-5510-15



3-5574-07WF

Suture Removal Set

Reference	Description	Tips/Jaws	Length	Quantity
6-8	Dressing Forceps	standard, serrated	5-1/2" (14 cm)	1
6-44	Tissue Forceps	standard, serrated, 1 x 2 teeth	5-1/2" (14 cm)	1
9-104	Littauer Stitch Scissors	straight, standard pattern	5-1/2" (14 cm)	1
3-200100	Tray w/ Silicone Mat, Single Layer	-	7" x 11" x 1-1/2" (178 x 279 x 38 mm)	1



6-8



6-44



9-104



3-200100

Recommended Steps in Cleaning, Sterilization, and Maintenance of Surgical Instruments

1. HOLDING/PRESOAK
Never hold instruments in a dry container. Doing so allows blood and debris to dry onto instrument surfaces and makes cleaning more difficult. If rinsing and decontamination processes are not immediately available, pre-treat instruments or hold them in a neutral pH holding/presoak enzymatic solution after patient use but before actual cleaning. Miltex® Instrument Prep Enzyme Foam (3-760) is a ready to use foaming spray for pre-cleaning soiled instruments and scopes. Simply spray the foam on instruments until they are ready for processing. Also, Miltex® EZ-Zyme® (3-750 and 3-755) neutral pH all purpose multi-enzyme concentrate is ideal for instrument presoaking and pre-cleaning.
As soon as possible, rinse and clean as follows:

2. RINSING
(Always wear safety protection gear.)
Immediately after surgery, remove organic materials by rinsing instruments under warm (not hot) running water. Rinse should remove most blood, fluids and tissue. Do not process dissimilar metals (stainless, copper, chrome plated, etc.) together.

Note: *Disinfection can be included to protect medical personnel from contamination during cleaning; however, protection also can be accomplished by following standard precautions by wearing appropriate PPE as promulgated by OSHA & AORN.*

3. CLEANING
All blood, dried body fluids and tissue should be completely removed from instruments prior to sterilization. Several methods for removing these materials are available.

A. **Soak**: An enzymatic cleaner bath (soak) such as Miltex® EZ-Zyme® (3-750 and 3-755) or a solution of water and neutral pH (7) detergent such as Miltex® Surgical Instrument Cleaner (3-720, 3-725) is effective in removing organic material from instruments. Use distilled (demineralized) water, if possible. Instruments should be fully submerged for at least 10 minutes. Do not let "sharps" (scissors, knives, osteotomes, etc.) touch each other. Ensure that dissimilar metal instruments are separated. Rinse instruments under running water to remove solutions and change solutions frequently.

B. **Ultrasonic Cleaning**: Most instrument manufacturers recommend ultrasonic cleaning as the most effective way to clean surgical instruments, particularly instruments with hinges, box locks and other moving parts.

- All instruments must be fully submerged in an open position using distilled (demineralized) water, if possible. To prevent possible surface scratching make sure that "sharps" do not touch other instruments. Also, separate instruments of dissimilar metals.
- Process instruments for the full recommended ultrasonic cleaning cycle. Change solution frequently or as often as the manufacturer recommends.
- Rinse instruments with water to remove the cleaning solution. Miltex® EZ-Zyme® (3-750 and 3-755) or Miltex® Surgical Instrument Cleaner (3-720, 3-725) can be safely used with all ultrasonic units.

C. **Automatic Washer Sterilizers**: Following manufacturers' recommendations, ensure that instruments are lubricated before the sterilization cycle and after the last rinse cycle.

CAUTION: Needle holders and forceps may crack if sterilized with ratchet in closed position.

D. **Manual Cleaning**: If ultrasonic cleaning is not available, observe the following steps:

- Use stiff nylon cleaning brushes (3-1000). Do not use steel wool or wire brushes except stainless steel wire brushes (3-1001) specially recommended for instrument serrated areas, bone files, burs or on stained areas of knurled handles.
- Use only neutral pH (7) detergents such as Miltex® Surgical Instrument Cleaner (3-720, 3-725). If not rinsed off properly, low pH (acidic - less than 6 pH) detergents break down the stainless protective surface resulting in pitting and/or black staining on instruments. High pH detergents (alkaline - more than 8 pH) can cause brown stains (phosphate surface deposit) which can also interfere with the smooth operation of instruments. Most brown stains are not rust and are easily removed with Miltex® Surgical Instrument Stain Remover (3-740).
- Brush delicate instruments carefully, and if possible, separate them from general instruments.
- Make sure instrument surfaces are visibly clean and are free from stains and tissue. Miltex® Surgical Instrument Stain Remover (3-740) can help remove residue stains. This is also a good time to inspect each instrument for proper function and condition.
- Check scissors' blades to ensure proper function. Blades should open and close smoothly. Test cutting performance at 3/4 length of the blade with the materials recommended below. Scissors should cut all the way to the tips. Recommended cutting test materials:
  - Fine/Delicate scissors: Surgical glove
  - Medium scissors: Single layer of stocking/cast netting
  - Large/Utility scissors: Double layer of stocking/cast netting
- Check forceps (pickups) for proper jaw alignment. Teeth must meet properly without catching.
- Check hemostats and needle holders to ensure jaw tips close in first ratchet position and that the entire jaw closes in third ratchet position. Check instruments for loose hinges and verify that they lock and unlock easily. Also check instruments for wear on jaw surfaces.
- Suction tubes should be clean inside.
- Test biopsy punches by punching a clean hole in 3-6 mil thick poly-bag material. If poly-bag material is not available, use tissue paper.
- Retractors should function properly.

MPM0634

Recommended Steps in Cleaning, Sterilization, and Maintenance of Surgical Instruments, continued

- Cutting edge instruments and knives should be sharp and free of damage.

- After scrubbing, rinse instruments thoroughly under running water. While rinsing, open and close scissors, hemostats, needle holders and other hinged instruments to ensure that hinged areas are rinsed out and that no debris remains.

4. AFTER CLEANING
Separate dissimilar metals prior to sterilizing/autoclaving. If instruments will be stored, allow them to air-dry and store them in a clean and dry environment.

5. AUTOCLAVING

A. **Lubricate all hinged instruments** which have any "metal to metal" action at the screw or box lock. A non-silicone, water-soluble surgical lubricant such as Miltex® Lube (3-700 or 3-705) is recommended. Do not use industrial oils or lubricants.

B. **Sterilize instruments** either individually or in sets.

- **Individual Instruments**: Disposable paper or plastic pouches are ideal. Make sure to use a wide enough pouch for instruments with ratchet locks so instruments can be sterilized in an open (unlocked) position. Instruments locked during autoclaving can develop cracked hinges (box locks) or other problems because of heat expansion. If wrapping instruments, make sure the towel does not contain detergent residue which can stain instruments.

- **Instrument Sets**: Unlock all instruments and sterilize in an open position. Place heavy instruments on the bottom of set (when two layers are required). Do not overload the chamber because an air pocket that hinders steam penetration may form.

CAUTION: With most portable tabletop autoclaves, unlock the door and open it no more than a crack, about 1/4" (6.4 mm).(at the end of the autoclave cycle and before the drying cycle) Then run the dry cycle for the period recommended by the autoclave manufacturer. If the autoclave door is fully opened before the drying cycle, cold air will rush into the chamber and will cause condensation on the instruments, potentially resulting in water stains or causing wet packs. Make sure autoclave filters and chambers are cleaned as recommended by the manufacturer. Miltex® Surgical Instrument Stain Remover (3-740) is effective in removing stains and in cleaning the autoclave chamber. If you have any unusual staining on your instruments after sterilization, obtain our Instrument Care System DVD (3-810) or contact your local Miltex® representative.

6. CHEMICAL/COLD STERILIZATION
Most chemical/cold sterilization solutions render instruments sterile only after 10-hour immersion. This prolonged chemical action can be more detrimental to instruments than the usual 20-minute autoclave cycle. If the instruments need to be "disinfected" only, a chemical/cold sterilization soak is acceptable, as disinfection will take approximately 10 minutes or more. Check manufacturers' specifications.
Also see our warning in using bleach (paragraph 3).

Keep in mind the difference between:

- Sterile - an absolute term (no living organism survives); and

- Disinfected - basically clean. Some organisms may survive. Always use the proper sterilization/cleaning technique to render the instrument in the required condition for use.

CAUTION: For instruments with tungsten carbide insert jaws, the use of chemical/cold sterilization solutions is not recommended as it may deteriorate the instrument's jaw.

We recommend these Integra® Miltex® products to properly safeguard and care for your quality instruments.

Reference	Description	Use During
3-760	Instrument Prep Enzyme Foam 24 oz. spray	• Holding & presoak
3-750	EZ-Zyme®, All Purpose Enzyme Cleaner Box 32 - 3/4 oz. packets	• Holding & presoak • Soak cleaning • Ultrasonic cleaning • Manual cleaning • Laundry presoak
3-755	EZ-Zyme®, All Purpose Enzyme Cleaner 1-gallon pump bottle	
3-700	Spray Lube 8 oz. spray bottle	• Before autoclaving
3-705	Surgical Instrument Lubricant 1-gallon pump bottle	
3-710	Surgical Instrument Cleaner & Lubricant 1-gallon pump bottle	• Manual cleaning • Washer/decontaminator • Ultrasonic cleaning
3-720	Surgical Instrument Cleaner 8 oz. bottle	• Soak cleaning • Ultrasonic cleaning • Manual cleaning
3-725	Surgical Instrument Cleaner 1-gallon pump bottle	
3-740	Surgical Instrument Stain Remover 3 oz. jar	• Stain removal
3-1000	Nylon Instrument Cleaning Brushes 3-pack	• Manual cleaning of instruments
3-1001	Stainless Steel Instrument Cleaning Brushes 3-pack	
3-800	Instrument Care System	• Complete instrument care
3-810	Instrument Care DVD	• Training personnel in the care of instruments

MPM0634

Instrument Stain Guide

Color	Cause of Stain	What to do
Orange-Brown to Reddish stain (looks like rust)	Perform eraser test. If the stain rubs off and no pitting exists, problem is most likely from: • Detergent residue on towels or high alkaline >8 pH detergent which leaves a phosphate surface deposit • Dried blood • Iodine or Betadine residue	• Change to neutral pH detergent. We recommend Miltex® Surgical Instrument Cleaner. • Check pH of towels with litmus to verify if detergent residues are present. • Rinse the instruments in warm water for at least 30 seconds • Use a stain remover on both the instruments and autoclaves • If problem persists, consider changing to distilled or demineralized water, particularly if the local water supply is high in iron or other minerals.
Black, Brown & Pitting	Subjected to an Acidic Low <6 pH substance such as: • Low pH detergent residues on instrument surface or from towels • Exposure to other chemical compounds from "cold soaking" • Exposure to bleach	• Change to neutral pH detergent. We recommend Miltex® Surgical Instrument Cleaner. • Check pH of towels with litmus to verify if detergent residues are present. • Eliminate exposure to chemicals or bleach • Rinse instruments thoroughly and consider using distilled or demineralized water, particularly if the local water supply is high in iron or other minerals. • Use stain remover on both the instruments and on autoclaves. • Eliminate any use of bleach. • If pitting remains, send the instrument back to the manufacturer for evaluation.
Rainbow or Multi-Color	• Heat compromised, tensile strength is compromised	• Check the autoclave for proper temperature.
Bluish-Green Bluish-Black	• Cross contamination between dissimilar metals	• Separate instruments by metal type before cleaning or autoclaving instruments.
Bluish-Gray (w/possible pitting)	• Improper preparation of cold sterilization solutions	• Follow solution manufacturer's directions closely, particularly temperature and soak times. • Use distilled or demineralized water. • Change solution per manufacturer's instructions.
Rust	• Sterilizing instruments of dissimilar metals in the same cycle. • Chemicals in detergents or excess amounts of iron or other minerals from local water supply. • New instruments may be slightly magnetized during the manufacturing process.	• Separate instruments by metal type prior to sterilization. • Use neutral pH detergents and change to distilled or demineralized water, particularly if the local water supply is known to contain iron or other minerals. • Wipe off as much residue as possible, leaving shiny metal underneath. Use a stain remover on both the instruments and autoclaves. • The instruments lose their magnetic property after several autoclaving sequences
Spotting Light or Dark colored	• Slow evaporation of water drops with mineral content • Instrument wraps and towels may contain detergent residue.	• Eliminate water droplets and moisture by adhering to autoclave manufacturer's operating instructions. • Use Miltex® Stain Remover on both the instruments and autoclaves • Change to distilled or demineralized water, particularly if the local water supply is known to contain iron or other minerals. • Thoroughly wash and rinse wraps and towels with a neutral pH detergent.

Instrument Warranty

Integra® Miltex® and Padgett® Instruments are guaranteed to be free from material defects. Our Guarantee also includes a commitment to the very highest standards of quality craftsmanship which will be employed in the manufacture of each and every Instrument. If either of these high standards are not met by Integra® Miltex®, our customer may return the Instrument to be repaired or replaced at our discretion and at no charge to the customer.

PRODUCT WARRANTY

Integra Miltex also offers to our customers an array of complementary surgical and dental products. These are held to the same high standards of material and workmanship as our instruments. However, all of these quality products are subject to a limited one-year warranty.

- Chiropractic and Auto-Surgical Mallets
- Laparoscopic Instruments and Scopes
- Instrument Containers and Cassettes
- Chrome Instruments
- Electrosurgical Instrumentation
- Electrical Devices
- Podiatry Nipper/Splitter Springs
- Fiber Optic Instruments/Accessories

REPAIR WARRANTY

If for any reason a customer is dissatisfied with an Integra® Miltex® repair, we guarantee to replace or again repair the product at no charge if the instrument is returned within 30 days. We request that our customers assist us in protecting our employees by returning cleaned and sterilized instruments for repair.

WARRANTY STIPULATIONS

Our Warranty is effective from the date-of-purchase only from either Integra Miltex or an Authorized Integra® Miltex® Distributor. The warranty remains in effect if the Instrument or Product is used for its intended surgical or dental purpose, and if continuous and proper care of the Instrument or Product is maintained.

OTHER WARRANTY INFORMATION FOR OUR CUSTOMERS

- We ask our customers to use only the Integra® Miltex® Repair Services for our products so the warranty remains in effect.
- We love to meet your unique or special needs with custom produced products. However, these are not returnable.
- Integra Miltex offers excellent Care and Cleaning products for our instruments. Please use these products or other appropriate cleaning products to properly maintain your instrument as a valuable asset. Proper care and cleaning of your instruments is also a requirement to maintain the instrument warranty.
- We strongly recommend that you use the appropriate instrument for the identified clinical need. Misuse of instruments can cause damage to the instrument or product and will void the warranty.
- Hurricanes, fires or other disasters will void the warranty of your instruments.

A FINAL AND REQUISITE STATEMENT

As set forth in these Terms, Conditions, Policy and Warranty, Integra Miltex makes no other representations, either expressed or implied, which supersede the above descriptions. In no event will Integra Miltex be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of a Integra® Miltex® Instrument or Product.

Tolerances in product specifications, due to the hand craftsmanship of the instruments, are subject to minor variations in dimensions and finishes.

Terms And Conditions

ORDERS AND QUOTATIONS

Contact Integra Miltex toll free 1-800-654-2873 to place orders and for formal quotations. Orders may also be placed via toll-free fax 1-888-980-7742 or through Electronic Data Interchange (EDI).

TERMS

All invoices are payable net 30 days from date of invoice.

FREIGHT

Prices quoted are FOB factory. Prices are subject to change without notice.
Orders will be shipped via the carrier of Integra® Miltex®'s choice unless the distributor requests a particular service. If a special request is made, an additional handling charge will be included on the invoice to cover the resulting processing and carrier charges.

ACCEPTANCE

All orders are subject to approval by Integra Miltex.
Integra Miltex herewith reserves the right to alter the design or form of any product or to discontinue any product prior to the date of delivery without incurring any obligation to make such changes in any items previously purchased, whether or not delivered.

CREDIT

Integra Miltex reserves the right to refuse orders, suspend credit and cancel unfulfilled orders when credit conditions of a customer warrant such action.

SHIPMENTS, DAMAGES, & SHORTAGES IN TRANSIT

Shipment schedules are approximate and are as accurate as conditions permit on the date the schedules are provided. Integra Miltex assumes no responsibility or liability for unforeseen delays in making delivery. When signing for receipt of goods, all visible damage and/or shortages to cartons must be indicated on the carrier delivery receipt so that a claim may be filed with the carrier.

The customer shall inspect all items upon arrival and give written notice to Integra Miltex of any claim for a shortage or non-conformance within 7 days after receipt of shipment.

Integra Miltex may make partial shipments, which the distributor shall accept and pay for at the prices specified on maturity of the invoice involved.

RETURN MATERIALS POLICY

A Returned Materials Authorization number (RMA) must be obtained prior to returning product to Integra Miltex. Product returned without an RMA number will be returned directly to the distributor with a letter of explanation. Returns can only be granted and authorized by obtaining an RMA number from Integra® Miltex® customer service at toll free 1-800-654-2873.

Issue of an RMA number should not be interpreted as a final credit to your customer account. Integra Miltex reserves the right to evaluate incoming returns prior to issuing any customer credit.

There will be a 15% restocking charge for product returned after 60 days but before 120 days after receipt of shipment. Product must be returned unused in its original packaging. No returns will be accepted after 120 days after receipt of shipment. Non-returnable products received by Integra Miltex will be returned directly to the distributor, at our cost, with a letter of explanation.

Sterile products which have been opened, returned out of the original package or returned after the sterile expiration date are not returnable.

Discontinued products, medicament products, private labeled, custom made, custom etched or neutralized products are not returnable.

Broken instruments noted as 'Sharps' have special handling and return requirements. Call customer service toll free 1-800-654-2873 for information regarding special shipping and handling requirements.

Instrument Service, Repair and Return Instructions

Integra Miltex offers you the expertise and convenience of operating its own in-house Service and Repair Department. Please follow our simple return instructions to ensure all returns and repairs are processed correctly and in a timely manner. Your instruments are as important to us as they are to you.

Please contact our Customer Service Department at 1-800-654-2873 or custsvcnj@integralife.com to obtain a Return Material Authorization (RMA) number. The RMA number is required before instruments are returned for repair.

Be prepared to provide the following information:
- Customer account number
- Customer purchase order number

IMPORTANT: Any instrument sent to Integra Miltex without an RMA number will be returned to sender without being evaluated or repaired.

If you have questions or comments, contact Customer Service at 1-800-654-2873 or custsvcnj@integralife.com.

INTEGRA® LIMIT UNCERTAINTY

Recommended Suture Sizes For Integra® Miltex® Tungsten Carbide Needle Holders

		Suture Sizes														
		Smallest														Largest
Reference	Description	11/0	10/0	9/0	8/0	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4
8-3TC	Par NH Del Ser Jaw TC 5	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-	-
8-4TC	Derf NH TC 4-3/4	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-5TC	Par NH Del Ser Jaw TC TC 7	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-
8-6TC	Webster NH TC 5	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
8-7A-TC	Webster NH TC 4-3/4	-	-	-	-	-	✓	✓	✓		-	-	-	-	-	-
8-7TC	Webster NH TC 4-3/4	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
8-8A-TC	Halsey NH TC 5 Serr	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-8TC	Halsey NH TC 5 Smooth	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
8-14A-TC	Olsen-Hegar NH TC Smth	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	
8-14TC	Olsen-Hegar NH TC Serr	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-15TC	Olsen-Hegar NH TC 5.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-16TC	Olsen-Hegar NH TC 6.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-17TC	Olsen-Hegar NH TC 7.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-28TC	Mathieu NH TC 5.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-30TC	Mathieu NH TC 6-1/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-40TC	Baumgartner NH TC 5.5	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-42TC	Mayo-Hegar NH TC 5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-44TC	Mayo-Hegar NH TC 6	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-46TC	Mayo-Hegar NH TC 7	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-48TC	Mayo-Hegar NH TC 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-49TC	Mayo-Hegar NH TC 12	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-50A-TC	Crile-Wood NH TC 6 Smt	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
8-50TC	Crile-Wood NH TC 6 Ser	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-51TC	Crile-Wood NH TC 7	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-52TC	Crile-Wood NH TC 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-53TC	Crile-Wood NH TC 9	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-55TC	Crile-Wood NH TC 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-57TC	Crile-Wood NH TC 12	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-62TC	Cooley NH X-Del TC 6	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-63TC	Cooley NH Xdel TC 6-3/4	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-65TC	Intracard NH TC 5 Del	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-66TC	Intracard NH TC 6 Del	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-67TC	Intracard NH TC 7 Del	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-69TC	Intracard NH TC 9 Del	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-81TC	New Orleans NH TC 7	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-82TC	Julian NH TC Str	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
8-83TC	Julian NH TC Cvd	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
8-96TC	Sarot NH TC 7-1/8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-100TC	Heaney NH TC 8-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-101TC	Ryder NH TC 5	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-102TC	Stratte NH TC 9	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-103TC	Ryder NH TC 6	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-104TC	Ryder NH TC 7	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-105TC	Ryder NH TC 8	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-106TC	Ryder NH TC 9	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-107TC	Ryder NH TC 10-1/4	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-114TC	Sarot NH TC 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-130TC	Masson NH TC 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-134TC	Wangensteen NH TC 10-3/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-706TC	Webster NH TC Quick-Release	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-744TC	Mayo-Hegar NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-746TC	Mayo-Hegar NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-748TC	Mayo-Hegar NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-750TC	Crile-Wood NH TC Quick-Release	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-751TC	Crile-Wood NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-752TC	Crile-Wood NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-753TC	Crile-Wood NH TC Quick-Release	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
18-1816TC	Castroviejo NH TC Rnd	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
18-1828A-TC	Castroviejo NH TC Serr	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
18-1828TC	Castroviejo NH TC Smth	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
18-1832A-TC	Castroviejo NH TC Cvd Serr	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
18-1832TC	Castroviejo NH TC Cvd Smth	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
17-1090TC	Jacobson NH TC 7 Str	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
17-1091TC	Jacobson TC 7 Cvd	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
17-1092TC	Jacobson NH TC 8-1/2 Str	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-

Recommended Suture Sizes For Integra® Miltex® Stainless Steel Needle Holders

		Suture Sizes														
		Smallest														Largest
Reference	Description	11/0	10/0	9/0	8/0	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4
8D-36	Gardner (Halsey) NH 5 Ser	-	-	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-
8-96	Sarot NH 7-1/8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-94	Crile NH 6	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-80	New Orleans NH 7	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓
8-8	Halsey NH 5	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-7	Webster NH 4-3/4 Del.	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-6	Webster NH 5	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-53	Crile-Wood NH 9	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-52	Crile-Wood NH 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-51	Crile-Wood NH 7	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-50	Crile-Wood NH 6	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-48	Mayo-Hegar NH 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-46	Mayo-Hegar NH 7	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-44	Mayo-Hegar NH 6	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-42	Mayo-Hegar NH 5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-40	Baumgartner NH 5.5	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-4	Derf NH 4-3/4	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-32	Mathieu NH 7.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
8-30	Mathieu NH 6-1/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
8-28	Mathieu NH 5.5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
8-26	Boynton NH 5 Del.	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
8-2	Collier NH 5	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-17	Olsen-Hegar NH 7-1/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-16	Olsen-Hegar NH 6-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
8-15	Olsen-Hegar NH 5-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
8-14A	Olsen-Hegar NH 4-3/4 Smth	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-
8-14	Olsen-Hegar NH 4-3/4 Serr	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-136	Wangensteen NH 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-134	Wangensteen NH 10-3/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-130	Masson NH 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-122	Fino NH 10-1/2	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓
8-12	Neivert NH 5	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-114	Sarot NH 10-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-102	Stratte NH 9	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-100	Heaney NH 8-1/4	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
18-1833	Castroviejo NH Cvd W/Lock D	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18-1832	Castroviejo NH Cvd W/Lock	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18-1831	Castroviejo NH Str W/Lock D	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18-1828	Castroviejo NH Str W/Lock	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18-1824	Castroviejo NH Cvd Wo Lock	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
18-1820	Castroviejo NH Str Wo Lock	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
17-980	Micro NH 71/8 Str Jaw W/o	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-
17-1025	Micro NH 71/8 Cvd Jaw W/L	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-
17-1024	Micro NH 7-1/8 Str Jaw W/	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-
17-1020	Micro NH 51/8 Cvd Jaw W/L	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-
17-1010	Micro NH 71/8 Cvd Jaw Wo	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-
17-1000	Micro NH 51/8 Cvd Jaw Wo	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-

Recommended Suture Sizes For Integra® Miltex® Ceram-A-Grip® Needle Holders

		Suture Sizes														
		Smallest														Largest
Reference	Description	11/0	10/0	9/0	8/0	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4
8-4CG	C-A-G Derf NH 4-3/4	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-6CG	C-A-G Webster NH 5	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-7CG	C-A-G Webster NH 4-3/4	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-8CG	C-A-G Halsey NH Smth	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
8-15CG	C-A-G Olsen-Hegar 5-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-
8-16CG	C-A-G Olsen-Hegar 6-1/2	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
8-40CG	C-A-G Baumgartner 5.5	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-42CG	C-A-G Mayo-Hegar NH 5	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-44CG	C-A-G Mayo-Hegar NH 6	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-46CG	C-A-G Mayo-Hegar NH 7	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-48CG	C-A-G Mayo-Hegar NH 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
8-50CG	C-A-G Crile-Wood NH 6	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-51CG	C-A-G Crile-Wood NH 7	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-	-	-
8-52CG	C-A-G Crile-Wood NH 8	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓

INTEGRA® LIMIT UNCERTAINTY

Adson Dressing Forceps 48, 49
Adson Tissue and Suture Forceps 48
Adson Tissue Forceps 48, 49
Aids, Sterilizing 63
Allis Tissue Forceps 54
Alm Retractors 77
Aufricht Glabella Rasp 25
Babcock Intestinal Forceps 54
Baby Allis Tissue Forceps 54
Baby Babcock Intestinal Forceps 54
Baby Ochsner Forceps 56
Baby Pean Forceps 56
Backhaus Towel Clamp 63
Bandage and Utility Scissors 43, 44
Bane Rongeur 12
Basins, Emesis 101
Basins, Solution 100
Baumgartner Needle Holders 68, 69, 71
BiopBlade™, Sterile 87
Biopsy Punch with Plunger, Sterile 86
Biopsy Punch, Sterile 86
Biopsy Punch,Short Handled, Sterile 86
Biopsy Punches 86
Blades, Sterile 89
Blumenthal Bone Rongeur 11
Bone and Cartilage Clamp, Dingman 57
Bone Burs, Shannon 80
Bone Clamp, Lambert-Lowman 59
Bone Clamp, Lowman 59
Bone Clamp, Lowman-Hoglund 59
Bone Clamps 57, 58, 59
Bone Cutting Forceps 8, 9, 10
Bone File, Howard 24
Bone File, Miller 24
Bone File, Polokoff 24
Bone Files 24
Bone Holding Forceps 57-59
Bone Rongeur, Blumenthal 11
Bone Rongeur, Friedman 12
Bone Rongeur, Mead 11
Bone Rongeur, Mini-Blumenthal 11
Bone Rongeurs 11, 12
Bone Saw, Joseph 60
Bone Saws 60
Bone Splitting Forceps 8-10
Bowls, Sponge 100
Boys-Allis Tissue Forceps 54
Bozeman Sponge Forceps 65
Brown-Adson Tissue Forceps 48
Brushes, Cleaning 92
Buck Neurological Hammer 84
Bunnell Hand Drill 81
Cannulated Pin and Wire Cutter 78
Care & Cleaning, Instrument 90
Carmalt Splinter Forceps 50
Cartilage Clamp, Martin 57
Cartilage Clamps 57-59
Cases, Sterilization 97
Cases, Sterilizer-Storage 61
Cassettes, Sterilization 96-98
Cassettes, Storage 96
Cast Breaker, Wolfe-Boehler 82
Cast Cutters 82
Cast Instruments 82
Cast Knife, Reiner 82
Cast Knife, U.S. Pattern 82
Cast Saw, Wigmore 82
Cast Spreader, 3-Prong 82
Cath Tray Covers, Dome 102
Cath Tray Covers, Flat 102
Cath Trays 102
Chisel, Hand 22
Chisels 21
Chrome Instruments 16, 17
Clamp, Locke 57
Clamp, Rosenbloom 57
Clamp, Towel, Backhaus 63
Clamp, Towel, Jones 63
Clamps, Bone 57-59
Clamps, Cartilage 57-59
Clamps, Towel 63
Cleaners 90, 91
Collier Needle Holders 70
Color Bands 94
Corn Knife 21
Cottle Rasp 25
Cottle Skin Elevator 26
Cottle Skin Hook 72
Crego Periosteal Elevator 27
Crile Forceps 55
Crile Retractor 75
Crile-Wood Needle Holders 68, 69, 71
Cross Action Retractor 77
CryoSolutions® 85
CSR Wrap 99
Cups, Iodine 100
Curette, Bone, Martini 18
Curette, Bone, Williger 18
Curette, Verruca 20
Curettes, Bone 18-20
Curettes, Dermal 19, 87
Curettes, Dermal, Fox 19
Curettes, Dermal, Piffard 19
Curettes, Dermal, Sterile 87
Curettes, Excavators 20
Curettes, Spratt 18
Curettes, Tissue 18-20
Curettes, Volkman 18
Curettes, With Hole 20
Curettes, Without Hole 20
Cushing Periosteal Elevator 26
Cuticle Scissors 17, 31
Cutter, Nail, Ingrown 22
Cutters 22
Derf Needle Holders 67, 69, 70
Desmarres Retractor 74
Diagnostic Instruments 83, 84
Diamond Pin and Wire Cutter 79
Dingman Small Bone and Cartilage Clamp 57
Dome Cath Tray Covers 102
Dressing Forceps 46
Dressing Forceps, Adson 48, 49
Dressing Jars with Covers 101
Drill Points 81
Drill, Bunnell 81
Drill, Nail 81
DVD, Training, Insturment Care 93
Elevator, Freer 27
Elevator, Locke 23
Elevator, McKenty 26
Elevator, Metatarsal 28
Elevator, Periosteal 27
Elevator, Periosteal, Crego 27
Elevator, Periosteal, Cushing 26
Elevator, Periosteal, Fomon 26
Elevator, Periosteal, Joseph 26
Elevator, Periosteal, Langenbeck 26
Elevator, Periosteal, OHL 27
Elevator, Periosteal, Sayre 27
Elevator, Periosteal, Seldin 27
Elevator, Skin, Cottle 26
Elevator/Chisel 22
Elevators 26-28
Emesis Basins 101
Enzyme Cleaners 90
Esmarch Bandage and Cast Shears 43
Excavators 23
EZ-Zyme® All Purpose Enzyme Cleaner 90
Feilchenfeld Splinter Forceps 50
Fiberglass Tape Measure 84
Files, Bone 24
Finger Nail Drill 81
First Aid and Utility Shears 43
Flat Cath Tray Covers 102
Flat Tray Covers 102
Fletcher Sponge Forceps 65
Flexible Neck Rake Retractors 74
Flexible Ruler 84
Foerster Sponge Forceps 64
Fomon Periosteal Elevator 26
Fomon Rasp 25
Forceps Jars 101
Forceps, Baby Ochsner 56
Forceps, Baby Pean 56
Forceps, Bone Cutting 8-10
Forceps, Bone Cutting, Liston 10
Forceps, Bone Cutting, Liston-Blau 10
Forceps, Bone Holding 57-59
Forceps, Bone Holding, Kern 58
Forceps, Bone Splitting 8-10
Forceps, Crile 55
Forceps, Dressing 46
Forceps, Dressing, Hudson (Ewald) 49
Forceps, Grasping, Non-Magnetic 63
Forceps, Hemostatic 54-56
Forceps, Intestinal, Babcock 54
Forceps, Intestinal, Baby Babcock 54
Forceps, Kelly 55
Forceps, Kocher 56
Forceps, Mosquito, Halsted 55

Forceps, Mosquito, Hartman 55
Forceps, Nail Pulling 7
Forceps, Rochester-Ochsner 56
Forceps, Rochester-Pean 56
Forceps, Splinter 50-52
Forceps, Sponge 64, 65
Forceps, Tendon Pulling 57
Forceps, Tissue 47
Forceps, Tissue, Hudson (Ewald) 49
Forceps, Utility-Sterilizer 64
Forceps,Bone Holding, Lewin 58
Forks, Tuning 83
Fox Dermal Curette 19
Frazier Dura Hook 72
Freer Elevator 27
Freer Skin Hook 73
Friedman Bone Rongeur 12
Front and Side Pin and Wire Cutter 79
Gallaher Rasp 25
Gauge, Pin and Wire 81
Gauze Scissors, Chrome 42
Gelpi Retractor 77
Gerzog Mallet 62
Golf Stick Knife 21
Gouge 22
Grasping Forceps, Non-Magnetic 63
Guards, Instrument 95
Guthrie Fixation Hook 72
Halsey Needle Holders 67, 69
Halsted Mosquito Forceps 55
Hammer, Percussion, Taylor 84
Hand Chisel 22
Handles, Scalpel 89
Hartman Mosquito Forceps 55
Hartman Rongeur 12
Hemostatic Forceps 54-56
Hercules Bandage & Plaster Shears 42
Hohmann Retractor 76
Hoke Osteotomes 60
Holders,Mesh, Bur, Diamond 63
Hook, Fixation, Guthrie 72
Hook, Frazier Dura 72
Hook, Joseph 73
Hook, Skin, Cottle 72
Hook, Skin, Freer 73
Hook, Skin, Meyerding 75
Hook, Tyrell 72
Hooks, Skin 73
Hooks, Tissue 22, 72
Howard Bone File 24
Hudson (Ewald) Dressing Forceps 49
Hudson (Ewald) Tissue Forceps 49
Indicator Strips, Steam 99
Indicator Tapes 99
Inge Laminectomy Spreader 77
Ingrown Nail Cutter 22
Ingrown Nail Shaver 22
Ingrown Nail Splitting Scissors 41
Instrument Care Kit 93
Instrument Care Training DVD 93
Instrument Cleaner 90
Instrument Guards 95
Instrument Lubricant/Cleaner 91
Instrument Lubricant 91
Instrument Markers 94
Instrument Protectors 95
Instrument Stain Remover 92
Instrument, Care & Cleaning 90
Instruments, Chrome 16, 17
Iodine Cups 100
Iris Scissors 31
Jones Towel Clamp 63
Joseph Bone Saw 60
Joseph Double Hook 73
Joseph Hook 73
Joseph Periosteal Elevator 26
Joseph Rasp 25
Kelly Forceps 55
Kelly Scissors 37
Kern Bone Holding Forceps 58
Kirschner Wires 81
Knife, Corn 21
Knife, Corn Spoon 21
Knife, Golf Stick 21
Knife, Nucleus 22
Knives 21
Knowles Bandage Scissors 42
Kocher Forceps 56
Lambert-Lowman Bone Clamp 59
Langenbeck Metacarpal Saw 60
Langenbeck Periosteal Elevator 26
Lempert Rongeur 12
Lewin Bone Holding Forceps 58
Lewis Nasal Rasp 25
Liberator, Splinter 52
Lister Bandage Scissors 42
Liston Bone Cutting Forceps 10
Liston-Blau Bone Cutting Forceps 10
Littauer Stitch Scissors 39
Locke Clamp 57
Locke Elevator 23
Long Surgery Stitch Scissors 39
Lowman Bone Clamp 59
Lowman-Hoglund Bone Clamp 59
Lubricant, Instrument 91
Lubricants 91
Lucae Mallet 62
Luer “S” Shape Retractor 75
Mallet, Gerzog 62
Mallet, Lucae 62
Mallet, Mead 62
Mallets 62
Maltz Rasp 25
Markers, Instrument 94
Martin Cartilage Clamp 57
Martini Bone Curette 18
Mathieu Needle Holders 68, 71
Mats, Silicone 96
Mayo Dissecting Scissors 33, 34
Mayo Operating Scissors 34
Mayo Trays, Non-Perforated 101
Mayo Trays, Perforated 101
Mayo-Hegar Needle Holders 68, 69, 71
McGannon Retractor 73
McKenty Elevator 26
Mead Bone Rongeur 11
Mead Mallet 62
Medicine Cup, Graduated 100
Mesh Bur and Diamond Holders 63
Mesh Holders 63
Metatarsal Elevators 28
Metzenbaum (Lahey) Scissors 36
Metzenbaum Scissors 35, 36
Meyerding Skin Hook and Retractor 75
Micro Friedman Rongeur 12
Microsurgical Trays, Plastic 98
Miller Bone File 24
Mini-Blumenthal Bone Rongeur 11
Mini-Hohmann Retractors 76
Moleskin and Felt Scissors 41
Nail Nippers 3, 4, 14, 15, 16, 17, 26
Nail Nippers, Barrel Spring 17
Nail Nippers, Double Action 6
Nail Nippers, Double Action, Petite 6
Nail Nippers, Double Spring 3, 4, 16
Nail Nippers, Single Spring 16, 17
Nail Nippers, Wing-Grip™ 5
Nail Pulling Forceps 7
Nail Scissors 17, 31
Nail Splitters 7, 15, 22
Nail Splitters, Double Spring 7
Nail/Bone Rasps 23
Needle Holders 66-71
Needle Holders, Baumgartner 68, 69, 71
Needle Holders, Collier 70
Needle Holders, Crile-Wood 68, 69, 71
Needle Holders, Derf 67, 69, 70
Needle Holders, Halsey 67, 69
Needle Holders, Mathieu 68, 71
Needle Holders, Mayo-Hegar 68, 69, 71
Needle Holders, Olsen-Hegar 67, 69, 70
Needle Holders, Webster 67, 69, 70
Needle Holders, Webster (Johnson) 67
Neurological Hammer, Buck 84
Neurological Pin Wheel 84
Non-Perforated Mayo Trays 101
Northbent Stitch Scissors 39
Nucleus Knife 22
Nurse’s Bandage Scissors 44
Nylon Brushes 92
Nylon Cap Replacements 62
O’Brien Stitch Scissors 39
OHL Periosteal Elevator 27
Olsen-Hegar Needle Holders 67, 69, 70
Operating Scissors 38
Osteotomes 60, 61
Osteotomes, Hoke 60
Osteotomes, Swiss Pattern 61
Packer/Excavator 23
Packers 23

Perforated Mayo Trays 101
Periosteal Elevator 27
Piffard Dermal Curette 19
Pin and Wire Cutter 78
Pin and Wire Cutter, Cannulated 78
Pin and Wire Gauge 81
Pin and Wire Instruments 78, 79, 81
Pin and Wire Puller 79
Plain Splinter Forceps 50
Platypus Nail Pulling Forceps 7
Pliers 78
Pliers and Wire Cutter 78
Polokoff Bone File 24
Prep Enzyme Foam 90
Probe/Excavator 23
Probe/Packer 23
Probes 23
Puller, Pin, Wire 79
Ragnell Dissecting Scissors 31
Ragnell Retractor 75
Rasp, Aufricht 25
Rasp, Cottle 25
Rasp, Fomon 25
Rasp, Gallaher 25
Rasp, Joseph 25
Rasp, Lewis 25
Rasp, Maltz 25
Rasp, Nail/Bone 23
Rasps 25
Reiner Cast Knife 82
Replacement, Caps, Nylon 62
Retractor, Alm 77
Retractor, Crile 75
Retractor, Cross Action 77
Retractor, Desmarres 74
Retractor, Gelpi 77
Retractor, Hohmann 76
Retractor, Luer "S" Shape 75
Retractor, McGannon 73
Retractor, Meyerding 75
Retractor, Mini-Hohmann 76
Retractor, Ragnell 75
Retractor, Rake, Flexible Neck 74
Retractor, Rake, Rigid Neck 74
Retractor, Ribbon 75
Retractor, Senn 75
Retractor, Volkman 74
Retractors 73-77
Reynolds Dissecting Scissors 37
Ribbon Retractors 75
Rigid Neck Rake Retractors 74
Rochester-Ochsner Forceps 56
Rochester-Pean Forceps 56
Rongeur, Bane 12
Rongeur, Bone 11, 12
Rongeur, Hartman 12
Rongeur, Lempert 12
Rongeur, Micro Friedman 12
Rosenbloom Clamp 57
Ruskin (Kleinert-Kutz) Bone Splitting Forceps ..8
Ruskin (Rowland) Nasal Hump Forceps 8
Ruskin Bone Cutting Forceps 8
Saw, Bone 60
Saw, Metacarpal, Langenbeck 60
Sayre Periosteal Elevator 27
Scalpels, Disposable 88
Scalpels, Safety, Sterile 88
Schink Metatarsal Spreader 77
Scissors 29-44
Scissors, Bandage and Utility 43, 44
Scissors, Bandage, Knowles 42
Scissors, Bandage, Lister 42
Scissors, Bandage, Nurse's 44
Scissors, Cuticle 17, 31
Scissors, Dissecting, Mayo 33, 34
Scissors, Dissecting, Ragnell 31
Scissors, Dissecting, Reynolds 37
Scissors, Dissecting, Serratex-Mayo 34
Scissors, Gauze, Chrome 42
Scissors, Iris 31
Scissors, Kelly 37
Scissors, Metzenbaum 35, 36
Scissors, Metzenbaum (Lahey) 36
Scissors, Moleskin and Felt 41
Scissors, Nail 17, 31
Scissors, Nail Splitting 41
Scissors, Operating 38
Scissors, Operating, Mayo 34
Scissors, Operating, Serratex 34
Scissors, Operating, Sistrunk 35
Scissors, Plastic Surgery, Wagner 37
Scissors, Stevens Tenotomy 32
Scissors, Stevens Tenotomy, Ribbon-Type 32
Scissors, Stitch 39
Scissors, Stitch, Littauer 39
Scissors, Stitch, Long Surgery 39
Scissors, Stitch, Northbent 39
Scissors, Stitch, O'Brien 39
Scissors, Stitch, Spencer 39
Scissors, Strabismus 32
Scissors, Strabismus, Ribbon-Type 32
Scissors, Undermining 35
Scissors, Universal, Autoclavable 43
Scissors, Utility 41
Scissors, Wire Cutting 40, 78
Seldin Periosteal Elevator 27
Senn Retractors 75
Serratex Operating Scissors 34
Serratex-Mayo Dissecting Scissors 34
Set, General Podiatry 104
Set, Podiatry Bunion 105
Set, Podiatry Major Surgery 108, 109
Set, Small Bone 110, 111
Set, Suture Removal 112
Set, Toe Nail Removal 106
Set, Toe Pack 107
Sets, Procedure, Suggested 104-112
Shannon Bone Burs 80
Shaver, Nail, Ingrown 22
Shavers 22
Shears, Bandage and Cast, Esmarch 43
Shears, Bandage and Plaster, Hercules 42
Shears, First Aid and Utility 43
Shortbent Stitch Scissors 39
Silicone Mats 96
Silitone™ Color Bands 94
Sistrunk Operating Scissors 35
Skin Hooks 73
Soft Corn Spoon Knife 21
Solution Basins 100
Spatula and Packer 23
Spatulas 23
Spencer Stitch Scissors 39
Splinter Forceps 50-52
Splinter Forceps, Carmalt 50
Splinter Forceps, Feilchenfeld 50
Splinter Forceps, Plain 50
Splinter Forceps, Virtus 51, 52
Splinter Forceps, Walter 50, 52
Splinter Forceps, Williams 51
Splinter Liberator 52
Splinter Removal Kit 52
Splitters 22
Sponge Bowls 100
Sponge Forceps 64, 65
Sponge Forceps, Bozeman 65
Sponge Forceps, Fletcher 65
Sponge Forceps, Foerster 64
Spratt Curettes 18
Spray Lube 91
Spreader, Laminectomy, Inge 77
Spreader, Metatarsal 77
Stain Remover 92
Stainless Steel Brushes 92
Stainless Steelware 100-102
Standard Scalpels, Sterile 88
Steam Indicator Strips 99
Sterile, Disposables 86-89
Sterilization Cases 97
Sterilization Cassettes 96-98
Sterilization Trays 98
Sterilizer-Storage Cases 61
Sterilizing Aids 63
Stevens Tenotomy Scissors 32
Stevens Tenotomy Scissors, Ribbon-Type 32
Stitch Scissors 39
Stitch Scissors, Shortbent 39
Storage Cassettes 96
Strabismus Scissors 32
Strabismus Scissors, Ribbon-Type 32
Stringers, Instrument 103
Strips, Steam Indicator 99
Suggested Procedure Sets 104-112
Surgical Blades, Sterile 89
Surgical Instrument Cleaner 90
Surgical Instrument Lubricant 91
Surgical Instrument Stain Remover 92
Swiss Pattern Osteotomes 61
Synthetic Cast Cutters 82
Tape Measure 84

Tapes, Indicator 99
Taylor Percussion Hammer 84
Tendon Pulling Forceps 57
Tip-It™ Instrument Protectors 95
Tissue and Cuticle Nippers 13, 15, 16, 17
Tissue and Cuticle Nippers, Double Spring 16
Tissue and Cuticle Nippers, Ring Handles 17
Tissue and Suture Forceps, Adson 48
Tissue Forceps 47
Tissue Forceps, Adson 48, 49
Tissue Forceps, Allis 54
Tissue Forceps, Baby Allis 54
Tissue Forceps, Boys-Allis 54
Tissue Forceps, Brown-Adson 48
Tissue Hook, Twist 22
Tissue Hooks 22, 72
Tissue Twist Hook 22
Towel Clamps 63
Training DVD 93
Tray Covers, Flat 102
Trays, Cath 102
Trays, Perforated 101
Trays, Solid 102
Trays, Sterilization 98
Tumblers 100
Tuning Forks 83
Twister, Wire 78
Tyrell Hook 72
U.S. Pattern Cast Knife 82
Undermining Scissors 35
Universal Scissors, Autoclavable 43
Utility Scissors 41
Utility-Sterilizer Forceps 64
Verruca Curette 20
Virtus Splinter Forceps 51, 52
Volkman Curette 18
Volkman Finger Retractors 74
Wagner Plastic Surgery Scissors 37
Walter Splinter Forceps 50, 52
Wartenberg Neurological Pin Wheel 84
Webster (Johnson) Needle Holder 67
Webster Needle Holders 67, 69, 70
Weitlaner Retractor 77
Wigmore Cast Saw 82
Williams Splinter Forceps 51
Williger Bone Curette 18
Wing-Grip™ Nail Nippers 5
Wire Cutters 78
Wire Cutting Scissors 40, 78
Wire Twister 78
Wires, Kirschner 81
Wolfe-Boehler Cast Breaker 82
Wrap, CSR 99

1-200 84
1-202 84
1-220 84
1-226 84
1-3200 84
3-20 64
3-22 64
3-70 103
3-71 103
3-72 103
3-74 103
3-75 103
3-76 103
3-77 103
3-78 103
3-79 103
3-80 103
3-81 103
3-82 103
3-83 103
3-84 103
3-85 103
3-86 103
3-87 103
3-88 103
3-89 103
3-90 103
3-91 103
3-92 103
3-93 103
3-94 103
3-95 103
3-96 103
3-97 103
3-98 103
3-99 103
3-550 97
3-552 97
3-554 97
3-570 97
3-572 97
3-574 97
3-576 97
3-700 91
3-705 91
3-710 91
3-720 90
3-725 90
3-740 92
3-750 90
3-755 90
3-760 90
3-800 93
3-810 93
3-900 100
3-901 100
3-902 100
3-903 100
3-904 100
3-905 100
3-906 100
3-907 100
3-908 100
3-909 100
3-910 100
3-912 100
3-913 100
3-914 ..... 100, 110
3-915 101
3-916 101
3-917 101
3-918 101
3-919 101
3-920 101
3-921 101
3-922 101
3-924 101
3-925 101
3-926 101
3-927 101
3-929 101
3-930 101
3-934 101
3-935 101
3-936 101
3-937 102
3-938 102
3-939 102
3-940 102
3-941 102
3-942 102
3-943 102
3-944 102
3-945 102
3-946 102
3-947 102
3-948 102
3-949 102
3-953 101
3-954 101
3-955 101
3-1000 92
3-1001 92
3-2501 95
3-2501C 95
3-2501T 95
3-2501V 95
3-2502 95
3-2502C 95
3-2502T 95
3-2502V 95
3-2503 95
3-2503C 95
3-2503T 95
3-2503V 95
3-2504 95
3-2504C 95
3-2504T 95
3-2504V 95
3-2505 95
3-2505C 95
3-2505T 95
3-2505V 95
3-2506 95
3-2506C 95
3-2506T 95
3-2506V 95
3-2507 95
3-2507C 95
3-2507T 95
3-2507V 95
3-2508 95
3-2508C 95
3-2508T 95
3-2508V 95
3-2509 95
3-2509C 95
3-2509T 95
3-2509V 95
3-2510 95
3-2510C 95
3-2510T 95
3-2510V 95
3-5110-15 ..... 105, 109
3-5174-09WF 105, 109
3-5510-15 111
3-5574-07WF 111
3-072007 96
3-072014 96
3-082008 96
3-200100 ..... 98, 112
3-200200 98
3-200300 98
3200100A 98
3200300A 98
4-7 ..... 89, 104, 105, 106, 108, 110
4-7R 89
4-8 ..... 89, 104
4-8R 89
4-9 89
4-10 89
4-11 89
4-12 89
4-16 89
4-17 89
4-18 89
4-20 89
4-30 89
4-31 89
4-100 89
4-110 89
4-111 89
4-112 89
4-112B 89
4-115 89
4-115C 89
4-120 89
4-121 89
4-122 89
4-123 89
4-125 89
4-310 89
4-311 89
4-312 89
4-312B 89
4-315 89
4-315C 89
4-320 89
4-321 89
4-322 89
4-323 89
4-325 89
4-400 89
4-401 ..... 89, 105, 106, 107
4-405 89
4-410 88
4-411 88
4-412 88
4-415 88
4-420 88
4-421 88
4-422 88
4-423 88
4-510 88
4-511 88
4-512 88
4-515 88
4-515C 88
4-522 88
4-6815 96
4-6815MAT 96
4-6835 96
4-6835MAT 96
4-008115 96
4-008122 ..... 96, 104, 106, 107
4-008122MAT 96, 104, 106, 107
4-009126 96
4-009126MAT 96
4-083000 96
4-083000MAT 96
4-084000 96
4-084000MAT 96
4-085000 96
4-085000MAT 96
4-089100 96
4-089100MAT 96
5-2 38
5-4 38
5-6 38
5-7 38
5-8 38
5-12 38
5-14 38
5-16 ..... 38, 105, 107, 108
5-17 38
5-18 38
5-19 38
5-22 38
5-24 38
5-26 38
5-27 38
5-28 38
5-32 38
5-34 38
5-36 38
5-37 38
5-38 38
5-42 38
5-44 38
5-46 38
5-48 38
5-49 38
5-52 38
5-54 38
5-56 38
5-58 38
5-70 34
5-72 34
5-73 34
5-74 34
5-76 34
5-77 34
5-115 34
5-116 34

5-120 ..... 34, 105, 107
5-120TC 33
5-SC-120 33
5-122 34
5-122TC 33
5-SC-122 33
5-124 ..... 34, 110
5-124TC 33
5-SC-124 33
5-126 34
5-126TC 33
5-SC-126 33
5-132 34
5-134 34
5-136 34
5-138 34
5-140 34
5-140TC 33
5-142 34
5-142TC 33
5-152 35
5-154 35
5-172 ..... 37, 105
5-174 37
5-179 36
5-180 ..... 36, 105, 107, 110
5-180TC 35
5-181 36
5-181TC 35
5-182 36
5-182TC 35
5-SC-182 35
5-SC-182TC 35
5-183 36
5-184 36
5-185 36
5-250 37
5-252 37
5-254 37
5-270 ..... 37, 110
5-271 37
5-272 37
5-273 37
5-274 37
5-275 37
5-276 ..... 37, 110
5-277 37
5-278 37
5-279 37
5-280 37
5-281 37
5-283 36
5-SC-283 35
5-284 36
5-SC-284 35
5-286 36
5-288 36
5-290 ..... 31, 107
5-291 31
5-300 31
5-302 31
5-304 31
5-304TC 31
5-306 ..... 31, 104, 108
5-306TC 31
5-308 31
5-312 32
5-312TC 32
5-314 32
5-314TC 32
5-510 42
5-512 42
5-514 ..... 42, 104, 108
5-516 42
5-547 42
5-550 42
5-560 42
5-561 42
5-564 42
5-568 43
5-600 43
5-700 44
5-702 44
5-800 44
5-998 43
5-1000 43
5-1025 43
5-1026 43
5-1027 43
5-1028 43
5-1029 43
5-1030 43
5703 44
5704 44
5705 44
5801 44
5802 44
5803 44
5804 44
6-2 46
6-4 46
6-6 46
6-8 ..... 46, 112
6-8XL 46
6-10 46
6-12 46
6-14 46
6-16 46
6-18 46
6-24 46
6-26 46
6-28 46
6-28XL 46
6-30 46
6-40 47
6-42 47
6-44 ..... 47, 105, 107, 108, 110, 112
6-44XL 47
6-46 ..... 47, 105, 107
6-47 47
6-48 47
6-50 47
6-52 47
6-90 47
6-92 47
6-94 47
6-96 47
6-112 49
6-113 49
6-114 49
6-115 49
6-118 ..... 48, 104
6-120 ..... 48, 108, 110
6-121 48
6-123 48
6-124 ..... 48, 105, 106, 107, 108, 110
6-129 49
6-130 49
6-300 50
6-302 50
6-304 50
6-308 50
6-310 50
6-312 50
6-314 50
6-316 50
6-318 50
6-336 51
6-337 51
6-338 51
6-340 51
6-342 51
7-2 ..... 55, 104, 105, 106, 107, 108
7-4 ..... 55, 104, 107, 108, 110
7-8 55
7-10 55
7-24 55
7-26 55
7-36 55
7-38 ..... 55, 108
7-42 55
7-44 ..... 55, 110
7-66 ..... 56, 105
7-68 56
7-70 56
7-72 56
7-110 56
7-112 56
7-118 56
7-136 56
7-150 ..... 56, 110
7-152 56
7-500 63
7-501 63
7-504 ..... 63, 108, 110
7-506 ..... 63, 104, 105, 107, 108
7-600 ..... 64, 105, 107, 108
7-602 64
7-604 64
7-606 64
7-610 64
7-612 64
7-614 64
7-616 64
7-620 65
7-622 65
7-624 65
7-630 65
7-632 65
8-2 70
8-4 ..... 70, 105, 107, 108
8-4CG 69
8-4TC 67
8-6 70
8-6CG 69
8-6TC 67
8-7 70
8-7A-TC 67
8-7CG 69
8-7TC 67
8-8A-TC 67
8-8CG 69
8-8TC 67
8-14 70
8-14A 70
8-14A-TC 67
8-14TC 67
8-15 70
8-15CG 69
8-15TC 67
8-16 70
8-16CG 69
8-16TC 67
8-28 71
8-28TC 68
8-30 71
8-30TC 68
8-40 71
8-40CG 69
8-40TC 68
8-42 71
8-42CG 69
8-42TC 68
8-44 ..... 71, 108
8-44CG 69
8-44TC 68
8-46 71
8-46CG 69
8-46TC 68
8-48CG 69
8-48TC 68
8-50 ..... 71, 110
8-50A-TC 68
8-50CG 69
8-50TC 68
8-51 110
8-51CG 69
8-51TC 68
8-52CG 69
9-100 39
9-101 39
9-102 39
9-103 39
9-104 ..... 39, 112
9-106 39
9-108 39
9-110 39
9-120 40
9-122 40
9-124 ..... 40, 78
9-124TC 40, 78
9-129 78
9D-121 40
9D-123 40
9D-132 ..... 40, 109
9D-133 40
9D-134 40
9D-135 40
11-12 77
11-13 77
11-14 77
11-16 77
11-36 74
11-38 74

11-40 74
11-42 74
11-43 74
11-46 74
11-47 74
11-50 74
11-52 74
11-54 74
11-56 74
11-58 74
11-60 74
11-73 75
11-74 ..... 75, 105, 107, 109, 110
11-76 75
11-78 75
11-79 75
11-82 75
11-122 110
11-144 ..... 75, 105, 109
11-146 75
11-365 77
11-530 110
11-600 ..... 77, 105, 109, 110
11-602 77
11-608 77
11-611 77
16-3 ..... 54, 109
16-4 54
16-6 ..... 54, 110
16-20 54
16-22 54
16-25 54
16-31 54
16-42 54
16-44 54
16-46 54
16-48 54
1700 41
1702 41
1704 41
1706 41
17-4800 12
17-4801 12
18-110 74
18-412 ..... 72, 109
18-414 ..... 72, 105, 107
18-416 72
18-439 73
18-660 ..... 84, 111
18-1453 32
18-1454 32
18-1470 32
18-1472 32
18-1474 32
18-1476 32
18-1477 32
18-1478 32
18-1968 ..... 27, 105, 107, 111
19-100 83
19-102 83
19-104 83
19-106 83
19-108 83
19-120 83
19-574 111
19-576 111
19-700 18
19-702 18
19-704 18
19-706 18
19-708 18
19-710 18
19-712 18
19-714 18
19-716 18
19-718 18
19-720 18
19-790 ..... 62, 111
19-792 ..... 62, 109
19-793 62
19-794 62
19-795 62
19-796 62
19-797 62
19-804 12
19-808 12
19-1230 12
19-1232 12
21-62 ..... 26, 106
21-63 26
21-64 26
21-68 26
21-72 26
21-90 72
21-92 72
21-94 72
21-102 73
21-103 73
21-152 73
21-153 73
21-154 ..... 73, 111
21-156 73
21-158 73
21-160 73
21-280 60
21-282 60
21-284 60
21-321 18
21-322 18
21-330 ..... 25, 105, 107, 109
21-338 25
21-342 25
21-343 25
21-346 25
21-348 25
21-352 25
21-354 25
21-360 25
21-368 ..... 25, 109
21-369 25
21-370 25
21-379 92
21-430 22
21-537TC 35
21-626 ..... 8, 105, 107, 109, 111
21-627 8
21-628 8
22-480 ..... 11, 105, 107
22-481 11
22-482 11
22-484 11
22-486 11
22-488 11
22-490 9
22-494 12
22-500TC 78
22-502TC 78
22D-422 11
22D-426 9
22D-428 9
22D-432 11
23-1600 92
23-1602 92
25-384 8
25-385 8
26-1084 72
26-1086 72
26-1403 26
26-1410 26
26-1412 26
26-2000 77
26-2001 77
27-2 58
27-4 ..... 58, 111
27-6 58
27-7 ..... 58, 111
27-16 ..... 58, 111
27-24 57
27-30 ..... 59, 111
27-32 ..... 59, 111
27-34 59
27-42 59
27-44 59
27-46 59
27-47 59
27-158 78
27-159TC 78
27-160 79
27-163TC 79
27-164TC 79
27-165TC 79
27-176TC 79
27-180 81
27-201 81
27-202 81
27-204 81
27-206 81
27-208 81
27-210 81
27-212 81
27-213 ..... 76, 111
27-214 ..... 76, 111
27-215 76
27-216 ..... 76, 111
27-217 76
27-218 76
27-331 ..... 60, 111
27-332 ..... 60, 111
27-333 ..... 60, 111
27-334 ..... 60, 111
27-335 ..... 60, 111
27-336 ..... 60, 111
27-599 61
27-600 61
27-601 61
27-601A 61
27-602 61
27-602A 61
27-603 61
27-604 61
27-605 61
27-609 61
27-610 ..... 61, 109
27-744 27
27-746 27
27-752 27
27-753 27
27-754 27
27-820 111
27-822 111
27-920 18
27-924 ..... 18, 109
27-926 18
27-990 57
27-992 57
27-1016 57
27-1390 ..... 10, 111
27-1392 10
27-1400 10
27-1402 10
27-1550 60
27-3002 82
27-3004 82
27-3018 82
27-3019 82
27-3022 82
27-3080 82
27-3100 82
33-2 19
33-3 19
33-4 19
33-5 19
33-5A 19
33-5B 19
33-6 19
33-8 19
33-10 19
33-11 19
33-11A 19
33-12 19
33-13 19
33-14 19
33-15 19
33-16-0 19
33-16-00 19
33-16-1 19
33-16-2 19
33-16-3 19
33-31 86
33-31A 86
33-31AA 86
33-31AA-P/25 86
33-31A-P/25 86
33-31B 86
33-31-P/25 86
33-32 86
33-32-P/25 86
33-33 86
33-33-SH 86
33-34 86
33-34-P/25 86
33-34-SH 86
33-35 86
33-35-SH 86

33-36 86
33-36-SH 86
33-37 86
33-38 86
33-52 87
33-53 87
33-54 87
33-55 87
33-57 87
33-100 87
33-230 81
33-232 81
33-234 81
33510 85
33511 85
33512 85
33513 85
33514 85
33516 85
33517 85
33519 85
33520 85
40-07 21
40-09 21
40-11 21
40-15 21
40-19 21
40-31 21
40-43 21
40-45 21
40-47 21
40-54 20
40-57/0 20
40-57/1 20
40-57/2 20
40-57/3 20
40-58/0 20
40-58/1 20
40-58/1-2 ..... 20, 106
40-58/1-3 ..... 20, 104
40-58/2 20
40-58/3 20
40-59 22
40-60 22
40-61 22
40-62 22
40-67 ..... 22, 104
40-69 22
40-71 22
40-73 22
40-75 22
40-79 22
40-81 22
40-83 22
40-89 23
40-90 23
40-91 ..... 23, 104, 106
40-92 23
40-93 23
40-94 ..... 23, 109
40-96 23
40-200 17
40-205 17
40-207 17
40-210-CH 16
40-210-SS 3, 104
40-212-CH 16
40-212-SS 3, 104
40-215-CH 16
40-215-SS 3
40-217 3
40-218 6
40-218PT 6
40-219 6
40-219PT 6
40-220 17
40-224 4
40-225A 4
40-225-CH 16
40-225-SS 4
40-226A 4, 104
40-226-CH 16
40-226-SS 4
40-227-CH 16
40-227-SS 4, 104
40-228 4
40-230 ..... 7, 104, 106
40-234 ..... 7, 106, 109
40-235 ..... 7, 106
40-245-CH 16
40-245-SS 13
40-250-CH 16
40-250-SS 13, 106
40-251-CH 16
40-251-SS 13
40-252 13
40-260 41
40-425 ..... 17, 31
40-435 ..... 17, 31
40-445 ..... 17, 31
40-460 41
40-465 ..... 41, 104
40-1235 77
40-1308 ..... 10, 109
40-1350 80
40-1351 80
40-1352 80
40-1370 24
40-1371 24
40-1375 24
40-1380 24
40-1381 24
40-1382 24
40-1385 24
40-1800 57
40-1802 57
40-2800 24
40-2801 24
40-2802 24
40-2850 28
40-2851 28
40-2852 28
40-2853 28
40-2854 28
40-2855 28
4610 89
4611 89
4615 89
40204 5
40208 5
65-25 63
65-28 63
65-29 63
73-62 ..... 27, 111
DELOHL 27
DELS23 27
MH40-210-SS 14
MH40-212-SS 14
MH40-224 14
MH40-225-SS 14
MH40-226A 14
MH40-226-SS 15
MH40-227-SS 15
MH40-230 15
MH40-245-SS 15
MH40-250-SS 15
PM-6751 39
PM-9323 98
PM-9325 98
PM-9326 98
STD1515 99
STD2020 99
STD2424 99
STDDRY 99
STDIND 99
STDSL27 96
STDSTEAM 99
SURGHIPBOX 93
SURGHIPPOST 93
V96-312 52
V96-329 52
V96-336 52
V96-400 52
V96-410 52
VST 94
VSTA 94
VSTSA 94
VSTSB 94
VSTSD 94
VSTSG 94
VSTSK 94
VSTSL 94
VSTSN 94
VSTSP 94
VSTSR 94
VSTSU 94
VSTSW 94
VSTSY 94


MILLIMETERS
INCHES
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
10
9
8
7
6
5
4
3
2
1

+H834CATPOD0E

Availability of these products might vary from a given country or region to another, as a result of specific local regulatory approval or clearance requirements for sale in such country or region.

- Non contractual document. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.
- Warning: Applicable laws restrict these products to sale by or on the order of a physician.
- Consult product labels and inserts for any indication, contraindications, hazards, warnings, precautions, and instructions for use.

For more information or to place an order, please contact:

United States, Canada, Asia, Pacific, Latin America
USA 800-654-2873 ▪ 888-980-7742 fax
International +1 609-936-5400 ▪ +1 609-750-4259 fax
integralife.com

Manufacturer:
Integra LifeSciences Production Corporation
11 Cabot Boulevard
Mansfield, MA 02048 USA

Integra, the Integra logo, Miltex, CryoSolutions, EZ-Zyme and Miltex BiopBlade are registered trademarks of Integra LifeSciences Corporation or its subsidiaries in the United States and/or other countries. Silitone, Ceram-A-Grip and Wing-Grip are trademarks of Integra LifeSciences Corporation or its subsidiaries. ©2020 Integra LifeSciences Corporation. All rights reserved.
5M 1744099-1-EN