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Integra™ Miltex®

Animal Health

Surgical and Dental Instruments

INTEGRA™
LIMIT UNCERTAINTY

INTRODUCTION

This new Animal Healthcare Products Catalog demonstrates the Miltex® commitment to this clinician and their special patient population. We have assembled a significant array of Instrumentation to meet both the General and Specialty Surgical needs of this unique and diverse marketplace.

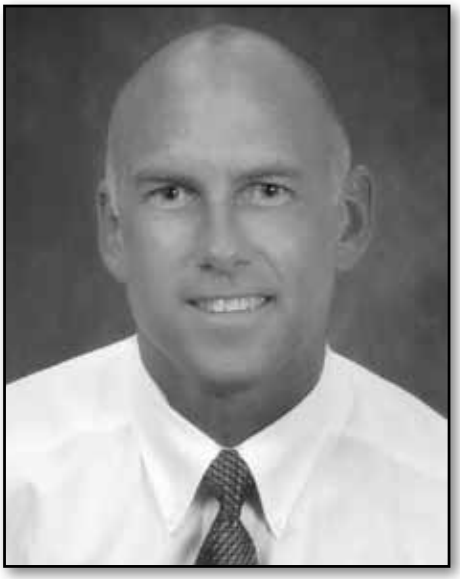
In addition to the premium Miltex® and Padgett® brands, we also illustrate a number of instrument grade choices and single-use products. These provide both quality and value options to our customers.

This Miltex® resolve to support Animal Health is both for now as well as in future product and service development initiatives. We look forward to increased cooperation to achieve goals of mutual benefit.

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

CONTRIBUTING CLINICIANS
(LISTED IN ALPHABETICAL ORDER)





Brett Beckman, DVM, DAVDC, DAAPM

Diplomate, American Academy of Pain Management

Diplomate, American Veterinary Dental College

Fellow, Academy of Veterinary Dentistry

President, American Veterinary Dental Society

Florida Veterinary Dentistry and Oral Surgery

Dr. Brett Beckman is a 1987 graduate of Mississippi State University and is acting President of the American Veterinary Dental Society. Dr. Beckman holds advanced degrees as a Fellow in the Academy of Veterinary Dentistry, a Diplomate in the American Veterinary Dental College and a Diplomate in the American Academy of Pain Management. He has published numerous peer-reviewed articles in the field of veterinary dentistry, oral surgery and pain management. Dr. Beckman was honored as Alumnus of the Year by the Mississippi State University College of Veterinary Medicine in 2007. He owns and operates a companion animal and referral dentistry and oral surgery practice in Punta Gorda, Florida and sees referral cases at Affiliated Veterinary Specialists in Orlando, Florida and Cherokee Emergency in Atlanta. He lectures internationally on topics related to dentistry and pain management and operates the Veterinary Dental Education Center in Punta Gorda, Florida, a teaching facility dedicated to advancing the educational needs of veterinarians and veterinary technicians around the world in the field of dentistry and oral surgery. For seminar/wet lab information please go to www.veterinarydentistry.net

Florida Veterinary Dentistry & Oral Surgery
Brett Beckman, DVM, FAVD, DAVDC, DAAPM
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www.veterinarydentistry.net



Robert S. Gaddis, Jr., DVM

Graduate, Auburn University College of Veterinary Medicine - 1983

Owner, Indian Springs Animal Clinic and Dental Referral Service located in Birmingham (suburbs), Alabama

Alternate Pathway Resident, American Veterinary Dental College

Dr. Gaddis is a 1983 graduate of Auburn University College of Veterinary Medicine. He owns and operates Indian Springs Animal Clinic and Veterinary Dental Referral Service in Birmingham, Alabama where his primary focus is veterinary dentistry. He is presently enrolled in the Alternate Pathway Residency Program of the American Veterinary Dentistry College and is also a member of the AVMA, Alabama VMA and the American Veterinary Dental Society. Dr. Gaddis enjoys teaching veterinary dentistry and has participated in lectures and labs in the southeast.

Robert S. Gaddis, Jr., DVM
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Pelham, AL 35124
205-988-8654



Gary S. Goldstein, DVM, DAVDC

Diplomate, American Veterinary Dental College

Fellow, Academy of Veterinary Dentistry

Dr. Goldstein is an Associate Clinical Professor, Director of the Veterinary Dental Service and Associate Medical Director of the University of Minnesota Veterinary Medical Center.

He graduated from the University of Minnesota School of Veterinary Medicine in 1984. After graduation, he moved to Houston, Texas to study veterinary dentistry at the Houston Veterinary Dental Clinic under the direct supervision of Dr. Donald Ross. In 1988 he joined Gulf Coast Veterinary Specialists where his practice was limited to veterinary dentistry accepting referrals for the entire Gulf Coast region. In 1987 Dr. Goldstein became a Charter Fellow in the Academy of Veterinary Dentistry and in 1992 became Board Certified in Veterinary Dentistry.

He joined the faculty at the University of Minnesota College of Veterinary Medicine as an associate clinical professor in the veterinary clinical sciences department in April 2000. He teaches veterinary students in the classroom as well as in clinics and his staff see over 1500 cases per year.

Dr. Goldstein is a published author and lecturer, offers dental seminars throughout the country, has published numerous articles and has written several chapters in veterinary textbooks.

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http:||www.cvm.umn.edu|vmc|Veterinary_Dental_Education_Center.html



Barden A. Greenfield, DVM

Dr. Barden Greenfield is a graduate of Mississippi State University College of Veterinary Medicine. His focus in practice is veterinary dentistry, and he has a referral dental practice at Southwind Animal Hospital in Memphis, TN. He is presently enrolled in the Alternate Pathways Program of the American Veterinary Dental College (AVDC). He is also on the Board of Directors of the American Veterinary Dental Society (AVDS). Dr. Greenfield enjoys teaching veterinary dentistry throughout the country and is a passionate advocate of thorough and comprehensive oral care for small animals.

Barden A. Greenfield, DVM
Mid South Veterinary Dental Referrals
901-624-9002

Board of Directors
American Veterinary Dental Society (AVDS)
Website: www.avds.org



Barron P. Hall, DVM

Diplomate, American Veterinary Dental College

Fellow, Academy of Veterinary Dentistry

Dr. Barron P. Hall graduated from The Ohio State University College of Veterinary Medicine in 1993. After practicing veterinary medicine with a special interest in dentistry and oral surgery, he began a veterinary dental and oral surgical residency in Dallas, Texas under the guidance of Robert Wiggs, DVM, FAVD, Dipl., AVDC. Following his residency, he opened a veterinary dental practice in Northern Kentucky where he practiced for three years before accepting the opportunity to become a partner at the Animal Dental Clinic in 2006.

Dr. Hall is a Diplomate of the American Veterinary Dental College, of which there are only 105 in the world, and a Fellow of the Academy of Veterinary Dentistry. He continues his training by attending numerous professional meetings and hands-on laboratories. He has also given or assisted in more than 100 lectures and laboratory workshops for veterinarians, technicians, and pet owners both nationally and internationally on various topics in veterinary dentistry. He is a consultant for the Veterinary Information Network (VIN) and the veterinary dentist for the National Zoo in Washington, D.C.

Animal Dental Clinic
410 Maple Ave West, Suite 1
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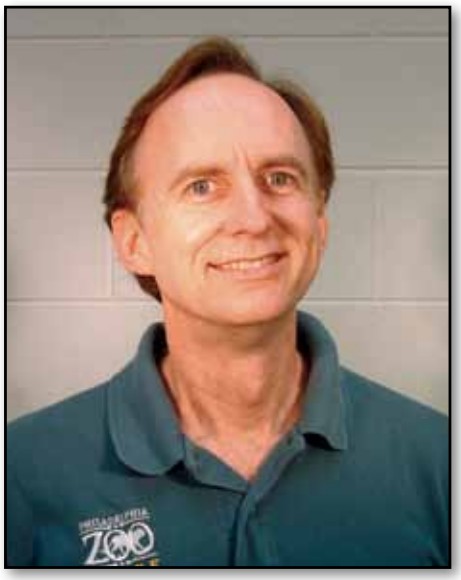

Keith C. Hinshaw, DVM, MPVM,

Dr. Hinshaw is a 1980 graduate of the University of California at Davis, where he was senior class president and co-valedictorian. During veterinary school he selected the non-domestic animal track, which emphasized clinical experience in zoo, exotic pet, and laboratory animal medicine. During his last year of veterinary school, he also enrolled in the Master of Preventive Veterinary Medicine (MPVM) program at UCD, which he completed in 1981. The MPVM program provides advanced training in epidemiology, biostatistics, and medical data management to prepare veterinarians to investigate disease problems in animal populations.

After graduating from veterinary school, Dr. Hinshaw entered the Primate Medicine residency program at the California National Primate Research Center located on the edge of the UC Davis campus. In addition to providing medical care for the primates and other animals at the Center, he also gained more experience through rotations in the residency programs in UCD's Non-domestic Animal Medicine service and Laboratory Animal Medicine service. He completed the Primate Medicine residency in 1982 and was then hired as Director of Animal Health at the Philadelphia Zoo.

Since 1982, Dr. Hinshaw has overseen the animal health program at the Philadelphia Zoo. In addition to providing veterinary care for the Zoo's animal collection, he supervises the veterinary staff, which includes a second clinical veterinarian, 3 veterinary technicians, and a veterinary pathologist. The Philadelphia Zoo also offers a 2 year post-graduate training program in zoological medicine and surgery, as well as externship opportunities to fourth year veterinary students interested in zoo medicine. Dr. Hinshaw also has an adjunct appointment at the nearby University of Pennsylvania School of Veterinary Medicine, where he has provided lectures on zoological medicine.



Steven E. Holmstrom, DVM, DAVDC

Diplomate, American Veterinary Dental College

Steven E. Holmstrom, DVM, Dipl. AVDC, currently practices at the Animal Dental Clinic in San Carlos, California, having been certified by the American Veterinary Dental College (AVDC) 1989. Dr. Holmstrom earned his DVM degree from the University of Missouri in 1972.

Dr. Holmstrom has consulted for the National Aeronautics and Space Administration Ames Research Center, University of California at Berkeley and Santa Cruz campuses, Moss Landing Marine Lab, Monterey Bay Aquarium and numerous pharmaceutical and dental companies. He is a Past President of the American Veterinary Dental College (AVDC), Academy of Veterinary Dentistry and American Veterinary Dental Society (AVDS). He is the current Treasurer of the AVDC. He has received awards including the AVDC Service Award, AVDS Education Award, AAHA Far West Practitioner of the Year and the University of Missouri College of Veterinary Medicine Alumnus of the Year. He has written numerous articles and publications, including a textbook on veterinary dental techniques, now in it's third edition, and published in Japanese, Spanish and Italian; a textbook for veterinary technicians and is the Guest Editor for two editions of Veterinary Clinics of North America. He speaks frequently on veterinary dentistry at major national and international meetings.

For recreation he is an underwater SCUBA Instructor, Ham radio operator, motorhome enthusiast, and avid Sailor. He is a past Commodore of the Sequoia Yacht Club in Redwood City. He also donates his time to the Rotary Club of San Carlos and Peter Emily International Veterinary Dental Foundation.



Brook Niemiec, DVM, DAVDC

Diplomate, American Veterinary Dental College

Fellow, Academy of Veterinary Dentistry

Dr. Brook Niemiec is a 1994 graduate of the University of California, Davis School of Veterinary Medicine, and a Board Certified specialist in Veterinary Dentistry as well as a Fellow in the Academy of Veterinary Dentistry.

As one of only 100 Board Certified Veterinary Dental specialists worldwide, Dr. Niemiec is recognized internationally as one of the leading authorities in Veterinary Dentistry.

Dr. Niemiec is the Chief of Staff of Southern California Veterinary Dental Specialties and has been serving the dental needs of animals (pets and zoo animals) for over a decade. During this time, he has performed over 30,000 dental procedures, including endodontic therapy (root canals and vital pulp therapy), oral and maxilliofacial surgery, periodontal therapy and surgery, orthodontics (braces), restorative and cosmetic dentistry, and prosthetic (crowns and bridges) dentistry.

As an innovator in veterinary dentistry, Dr. Niemiec has brought several advancements to the field. His contributions include: the introduction of ultrasonic debridement for surgical endodontic procedures, stainless steel carriers for veterinary patients, bridges, and implantology.

An advocate for improved understanding, prevention and treatment of disease, Dr. Niemiec enjoys teaching, and lectures extensively to professional and non-professional groups at local, national, and international meetings. Additionally, he has published numerous articles in veterinary medical journals at the local, state, national, and international levels.

In the continued interest of teaching, Dr. Niemiec is the cofounder of a veterinary dental radiology telemedicine and training website, www.vetdentalrad.com, and has also recently added an international training center in San Diego, CA. For information on classes, please visit www.vetdentaltraining.com.

In his spare time, Dr. Niemiec is an enthusiastic outdoorsman who enjoys hiking, fishing, skiing, camping and playing golf, as well as visiting museums, attending live theater, and sporting events. He also enjoys frequent trips to the beach with his Labrador Retriever, Caeli, and returns home to his black cat Nez. For more information on Dr. Niemiec, or veterinary dentistry, please visit his website www.dogbeachdentistry.com or call Southern California Veterinary Dental Specialties at (858) 279-2108.

San Diego Veterinary Dental Training Center

Expert guidance provided by Brook Niemiec, DVM Diplomate, American Veterinary Dental College.

Class and seminar information at www.vetdentaltraining.com or call (858) 279-2108



Laura Putnam, DVM

Dr. Putnam graduated from the University of California, Davis School of Veterinary Medicine in 2005. After completion of a one year private practice internship at PetCare in Santa Rosa, California, she moved back to her hometown of Santa Barbara where she currently practices small animal medicine.

At work, Dr. Putnam has a special interest in emergency, soft tissue surgery and getting to know her clients. She lives with her husband, their two dogs and three cats. In her spare time she can be found exploring the foothills, mountains and beaches of Santa Barbara with her furry family.

Carpinteria Veterinary Hospital, California



Katherine E. Queck, DVM

Fellow, Academy of Veterinary Dentistry

Dr. Queck opened The Carolinas Animal Hospital and Dental Clinic in 1993. A graduate of Iowa State University, Dr. Queck has performed advanced dental procedures on pets for over 20 years. She is a Fellow of the Academy of Veterinary Dentistry of which there are less than 100 members worldwide. She has published scientific papers, conducts teaching laboratories, and provides continuing education seminars for veterinary staff. She firmly believes comprehensive dental care for pets helps them live longer and happier lives.

The Carolinas Animal Hospital & Dental Clinic P.A.
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Charlotte, NC 28273
704-588-9788
www.carolinasanimalhospital.com



Billy Scott, DVM

Dr. Scott received his Bachelor of Science from Mississippi State in 1988, and received his Doctorate of Veterinary Medicine from Mississippi State College of Veterinary Medicine in 1992. He has practiced small animal medicine since 1992 in Clarksville, AR. Dr. Scott is currently enrolled in American Veterinary Dental College Alternate Pathway Training Program and tracking for the Academy of Veterinary Dentistry, member of American Veterinary Medical Association, Arkansas Veterinary Medical Association, American Veterinary Dental Society and Rotary International. He currently operates a veterinary dental referral practice, Advanced Veterinary Dental Care, in Arkansas.

Advanced Veterinary Dental Care
1408 East Main Street, Clarksville, AR 72830
479-754-7387 (W)



Sara L. Sharp, CVT VTS (Dentistry)

Secretary, Academy of Veterinary Dental Technicians

Sara Sharp is a Veterinary Technician Specialist in Dentistry and has been teaching in the Colorado area for the past 10 years and working in conjunction with Pfizer Animal Health. She is a credentialed veterinary technician who holds a specialty status in dentistry through the National Association of Veterinary Technicians in America/ CVTS approved Academy of Veterinary Dental Technicians. She has lectured and taught wet labs nationwide with AAHA, AVMA and the Annual Veterinary Dental Forum. Sara has published many articles in assorted journals. She has worked doing almost exclusively dentistry for the past 22 years in the Denver area.



Mark Sopko, ASVDT

Mark Sopko is an ASVDT Certified Veterinary Dental Technician and the owner of SOPKO VETERINARY DENTAL SERVICES, LLC. Understanding the need for veterinary dental training, Mark established his company in 2000 and consults for private practice veterinary clinics where his topics include proper dental techniques, instrumentation, client communication, and dental radiography. He has been working in the Veterinary Dental field since 1995.

Mark has worked as a curator and animal handler at a local zoo. He also worked as a wildlife rehabilitator for the state of New Jersey, and began his career in animal medicine as a veterinary technician where he discovered his passion for veterinary dentistry. Over the years Mark has conducted numerous educational training programs for Universities & Technical Programs, nature centers, veterinary conferences, and related organizations on various animal health topics.

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Website: http:||www.sopkopetdental.com



Kevin Stepaniuk, DVM, DAVDC

Diplomate, American Veterinary Dental College
Fellow, Academy of Veterinary Dentistry
Pacific Veterinary Dental Services P.S.

Dr. Stepaniuk completed his undergraduate degree at the University of Calgary and his Doctor of Veterinary Medicine degree at Oklahoma State University. He completed a small animal medicine and surgery internship at Washington State University before entering into private practice. Dr. Stepaniuk practiced in a general and emergency veterinary medicine prior to focusing on veterinary dentistry and oral surgery. He is a Fellow of the Academy of Veterinary Dentistry and a Diplomate of the American Veterinary Dental College. Dr. Stepaniuk owns and operates a referral veterinary dentistry and oral surgery practice. Currently, he is a director for the American Veterinary Dental Society. He has internationally lectured and taught wet labs in veterinary dentistry and oral surgery.

Pacific Veterinary Dental Services P.S.
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kevindentdvm@earthlink.net



Carol Weldin, RDH, BS

Carol Weldin, RDH, BS, is a Registered Dental Hygienist who has been involved in veterinary dentistry since 1981 working with one of the charter members of the American Veterinary Dental College on the design of specialty instruments and proper prophylaxis techniques for companion animals.

Carol was a reviewer of Veterinary Dental Techniques, 1st and 2nd editions, published by W.B. Saunders; also Veterinary Dentistry for the Technician & Office Staff, and has authored articles on veterinary dentistry to the dental hygiene community, along with designing specialty kits for veterinary dentistry instrumentation, most notably the Weldin Periodontal Instrument Kit. She has chaired periodontal instrumentation courses at the Annual Veterinary Dentistry Forum, is an officer of the American Veterinary Dental Society, a Trustee of the Foundation For Veterinary Dentistry, and is currently involved with the American Veterinary Dental Technicians as a member of the Advisory Committee, and has been appointed to the Organizing Committee for the Center for Animals in Society, University of California Davis School of Veterinary Medicine.

Carol has lectured nationally on Advances in Veterinary Dentistry, with particular emphasis on the use of high-frequency ultrasonic instrumentation, along with instrument selection, care and usage. She is currently involved in additional new product development for veterinary dentistry.

Carol is an affiliate member of the following two organizations: Association of Human-Animal Bond Veterinarians and the International Association of Assistance Dog Partners. In addition, she is a member of the American Association of University Women.

She and her dog Trevin, a career change Canine Companions for Independence dog, are a certified pet therapy team, visiting hospitals, a pediatric hospice home, participating in a Paws To Read Literacy Program and various outreach programs that aim to increase awareness of the importance of animal-assisted therapy and the human-animal bond. They have been featured in numerous newspaper articles and a television interview.

carol.weldin@comcast.net • 925-937-9515



Robert "Bob" Bruce Wiggs, DVM, DAVDC

Diplomate, American Veterinary Dental College

Adjunct Associate Professor at the Texas A&M University System's Baylor College of Dentistry, Dallas, Texas

Dr. Robert B. Wiggs graduated from Texas A & M Commerce in 1970 with a B.S in Agriculture and Education. In 1972 he completed his B.S in Veterinary Science at Texas A & M University College Station, and his D.V.M in 1973. He owns the Dallas Dental Service Animal Clinic, and is an Adjunct Professor at the Texas A&M University System's Baylor College of Dentistry. He is a member and Past President of the Dallas County Veterinary Medical Association and a member and Past President of the American Veterinary Dental Society. He is also Past President and Charter Fellow of the Academy of Veterinary Dentistry, Past President and Diplomate of the American Veterinary Dental College, Past President and member of the Veterinary Oversight Group, and President of the World Veterinary Dental Counsel. He is author of Veterinary Dentistry Principles and Practice published by Lippincott Raven, a co-author of The Veterinarian's Companion for Common Dental Procedures and written over thirty chapters for other books and a large number of articles on veterinary dentistry. Veterinary Dentistry Principles and Practice was described as "The Bible of Veterinary Dentistry" in its reviews upon publication. Dr. Wiggs received the American Veterinary Dental College's Peter Emily Award in 1994, Texas A&M University's Outstanding Alumnus – Companion Animal Medicine Award in 1995, The Texas Veterinary Medical Association's Companion Animal Practitioner of the Year Award 1996, the American Veterinary Dental Society's Research and Education Award in 1999, The Academy of Dentistry's Fellow of the Year Award 2001, the Hu-Friedy Golden Scaler Award 2001 and others. Dr. Wiggs was lectured both nationally and internationally for many years.



Matt Wilson, DVM

Dr. Matt Wilson is a 1998 graduate of The Ohio State University College of Veterinary Medicine. He is a partner and business manager of Animal Clinic Northview Inc., a 16 doctor practice in North Ridgeville, Ohio. He has limited his practice to veterinary dentistry since 2000. He is currently enrolled in the Alternate Pathway program of the American Veterinary Dental College.

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North Ridgeville, OH 44039
Ph: 440.327.8282 Fax: 440.353.0331
Emergencies: 440.452.7743



Tony M. Woodward, DVM, DAVDC

Diplomate, American Veterinary Dental College

Dr. Woodward has been involved in veterinary practice for over 27 years. During that time he has owned several successful practices, ranging from equine/ small animal to dental specialty practice. He is board certified in veterinary dentistry by the American Veterinary Dental College, and is currently involved in dental referral practice. He is a frequent national lecturer on veterinary dentistry, and teaches over 30 wet labs a year at his dental training facility in Colorado (www.vetdentalclasses.com). Dr. Woodward is a past-president of the Colorado Veterinary Medical Association and a member of the Morris Animal Foundation's Veterinary Honor Roll.

Animal Dental Care
5520 N. Nevada Ave. Ste. 150
Colorado Springs, CO 80918
(719) 536-9949



THANK YOU!

Miltex expresses our sincere appreciation for contributing your valuable time, including providing us with your comments, clinical photography, product evaluations and sound clinical advice for the continuing advancement of Animal Health Medicine.

MILTEX® ANIMAL HEALTH INSTRUMENTS



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Miltex, Inc., a subsidiary of Integra LifeSciences Corporation, has registered the following trademarks with the United States Patent and Trademark Office:

Carb-N-Sert®
Ceram-A-Grip®
Denlite®
Flex-R®
Grip Lite®
Hi-5®
Indian Head ®
Inject-R Fill®
Liberator®
Meisterhand®
Miltex®
Mor-Flex®
Onyx-R®
Sharpie®
Union Broach®
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Articodent™
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Miltex Redefining Excellence™
Onyx-Flex™
Onyx-H™
Precision™
Silitone™
Slide™
Sparta™
Sprint™
Tactile Tone™
Tardie™
Thompson™
Tip-It™
Tri-R Post System™
Tuck-Away™

Integra LifeSciences Corporation has registered the following trademark with the United States Patent and Trademark Office:

Padgett Instruments®

Integra LifeSciences Corporation is the owner of the following trademarks:

Integra wave logo™
HeliTape™
HeliCote™
HeliPlug™

Any other trademarks and registered trademarks identified in this catalog are the property of their respective owners. The absence of a product or service name or logo from this listing does not constitute a waiver of Integra LifeSciences Corporation's trademark or other intellectual property rights concerning that name or logo.

MILTEX® SCISSORS

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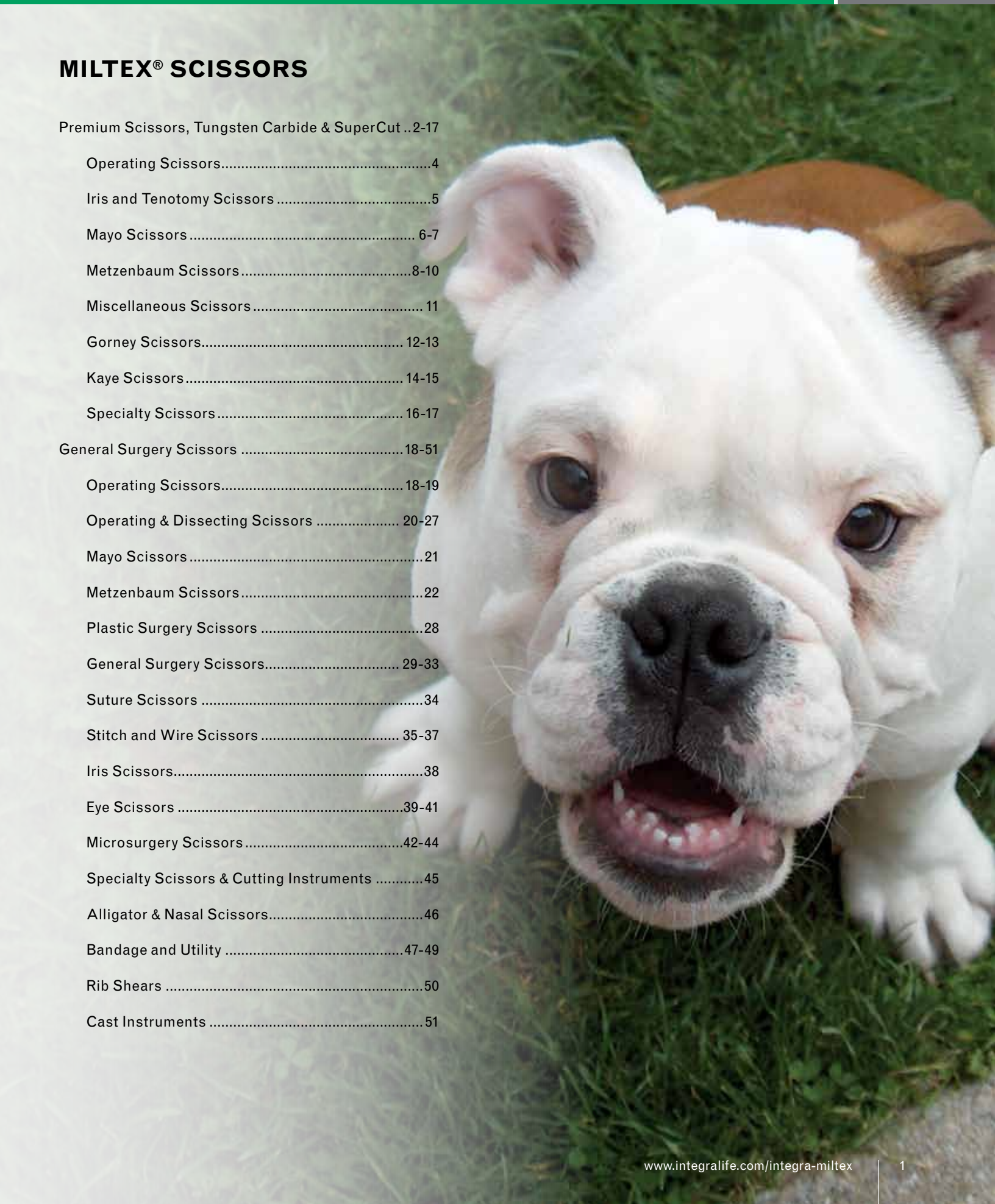


ANATOMY OF MILTEX® SCISSORS

Miltex crafts high quality, surgical grade stainless steel scissors designed to provide exceptional performance in a variety of applications.

The careful construction of all Miltex® scissors permits their use for multiple procedures.

- Cutting and dissecting tissue
- Cutting suture, dressing, tubing and a variety of other materials

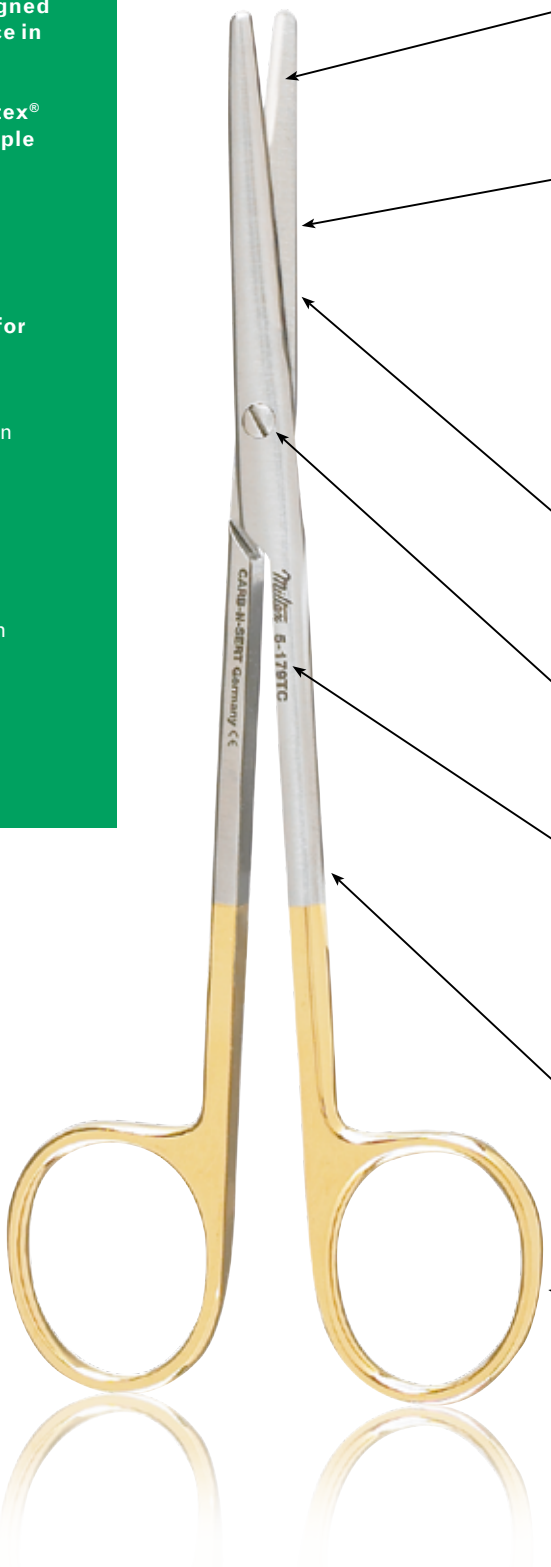
Always use the scissors designed for a particular task to achieve the desired outcome.

A precise cutting action depends upon

- Carefully honed blades
- A proper amount of "play" between blades
- A well-balanced instrument

Dissection (or probing) depends upon

- A smooth finish to the outer edge of the blades
- Properly rounded tips that meet fully when closed



CHOICE OF BLADES
Carb-N-Sert® (Tungsten Carbide)
SuperCut
SuperCut/Carb-N-Sert® combination
Stainless Steel

BLADE DESIGN
Tungsten carbide inserts are seamlessly bonded to the finest 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 opposing blade with micro-fine serrations to prevent tissue slippage and to facilitate effortless cutting.

STRENGTH & HARDNESS
Manufactured to ensure greater Rockwell hardness for instrument durability and longer-lasting blade edge sharpness.

SCREW LOCK
Fully tempered precision screw locks maintain perfect alignment.

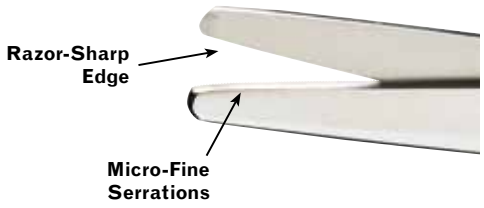
LASER ETCHING
All Miltex® Scissors are laser etched with our logo and catalog number for easy re-ordering. Advanced laser techniques no longer harm instruments the way traditional acid etching techniques did.

ERGONOMIC DESIGN
Outstanding instrument design combines weight, balance and feel for optimal comfort and performance.

RING HANDLES
Well rounded and polished for better feel and comfort as well as for prevention of hand fatigue. Gold and black finished handles differentiate tungsten carbide and SuperCut Scissors as precision instruments.

MILTEX® SUPERCUT SCISSORS

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

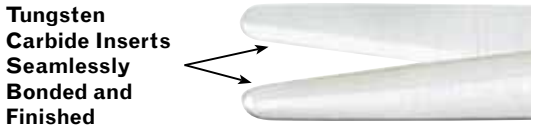


SuperCut Scissors are designed to cut tissue only. Dropping or mishandling the scissors will cause the razor-sharp edge to nick or to become irregular. Proper handling will ensure lifetime service. Resharpening at regular intervals is recommended and is a service that Miltex offers.



MILTEX® CARB-N-SERT® SCISSORS*

Carb-N-Sert® Scissors have tungsten carbide inserts seamlessly bonded to the upper and lower blades. These premium-grade scissors offer precision cutting performance as well as the durability of tungsten carbide cutting edges.



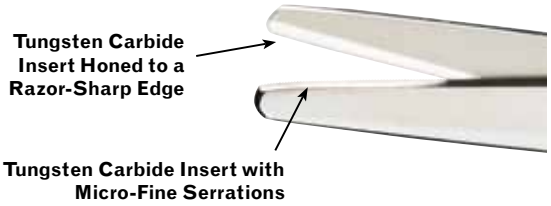
Carb-N-Sert® Scissors provide consistently superior performance and extended service life, resulting in considerable cost savings to the clinician.

Miltex® Carb-N-Sert® Scissors are easily identified by the gold ring handles.



SUPERCUT/CARB-N-SERT® SCISSORS*

The combination SuperCut/Carb-N-Sert® Scissors by Miltex 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/Carb-N-Sert® Scissors are easily identified with one short and one long gold-plated ring handle.



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

Operating Scissors

General utility scissors with sharp-blunt and blunt-blunt tips are ideal for cutting suture, gauze, tubing and other materials. The sharp-sharp patterns are also used for general utility applications but are preferred for cutting tendons and cartilage. **Note: SuperCut scissors are not recommended for use on suture, gauze or tubing.**

REF	Description	Tip	Type	Length
5-6TC	Operating Scissors	straight, sharp/sharp	Carb-N-Sert	5-1/2″ (14 cm)
5-16TC	Operating Scissors	straight, sharp/blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-16	Operating Scissors	straight, sharp/blunt	SuperCut	5-1/2″ (14 cm)
5-26TC	Operating Scissors	straight, blunt/blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-36TC	Operating Scissors	curved, sharp/sharp	Carb-N-Sert	5-1/2″ (14 cm)
5-46TC	Operating Scissors	curved, sharp/blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-46	Operating Scissors	curved, sharp/blunt	SuperCut	5-1/2″ (14 cm)
5-56TC	Operating Scissors	curved, blunt/blunt	Carb-N-Sert	5-1/2″ (14 cm)



Sharp/Sharp



Sharp/Blunt



Blunt/Blunt

5-6TC to 5-26TC



5-36TC to 5-56TC



5-16



5-SC-46

Iris Scissors

Popular sharp/sharp scissors offer outstanding distal cutting capability of tissue and suture. **Note: SuperCut scissors are not recommended for use on suture material.**

REF	Description	Tip	Type	Length
5-304TC	Iris Scissors	straight, sharp	Carb-N-Sert	4-1/2" (11.4 cm)
5-SC-304	Iris Scissors	straight, sharp	SuperCut	4-1/2" (11.4 cm)
5-SC-304TC	Iris Scissors	straight, sharp	combination SuperCut/Carb-N-Sert	4-1/2" (11.4 cm)
5-306TC	Iris Scissors	curved, sharp	Carb-N-Sert	4-1/2" (11.4 cm)
5-SC-306	Iris Scissors	curved, sharp	SuperCut	4-1/2" (11.4 cm)
5-SC-306TC	Iris Scissors	curved, sharp	combination SuperCut/Carb-N-Sert	4-1/2" (11.4 cm)



5-306TC



5-SC-306



5-SC-306TC

5-304TC

5-SC-304

5-SC-304TC

STEVENS Tenotomy Scissors

The delicate blade design tapers for fine tissue penetration and dissection. Tenotomy scissors are excellent for general, ophthalmic, dermatological and dental procedures.

REF	Description	Tip	Type	Length
18-SC-1470	STEVENS Tenotomy Scissors	straight, sharp	SuperCut	4-1/2" (11.4 cm)
18-SC-1472	STEVENS Tenotomy Scissors	straight, blunt	SuperCut	4-1/2" (11.4 cm)
18-SC-1474	STEVENS Tenotomy Scissors	curved, sharp	SuperCut	4-1/2" (11.4 cm)
18-SC-1476	STEVENS Tenotomy Scissors	curved, blunt	SuperCut	4-1/2" (11.4 cm)



18-SC-1474



18-SC-1476

18-SC-1470

18-SC-1472

MAYO Scissors (with standard beveled blades)

Sturdy, durable and reliable scissors. The robust and heavier design is used to precisely cut and dissect tough, thick and muscular tissue.

REF	Description	Tip	Type	Length
5-SC-120	MAYO Scissors	straight, blunt	SuperCut	5-1/2″ (14 cm)
5-120TC	MAYO Scissors	straight, blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-122	MAYO Scissors	curved, blunt	SuperCut	5-1/2″ (14 cm)
5-122TC	MAYO Scissors	curved, blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-124	MAYO Scissors	straight, blunt	SuperCut	6-3/4″ (17.1 cm)
5-124TC	MAYO Scissors	straight, blunt	Carb-N-Sert	6-3/4″ (17.1 cm)
5-SC-126	MAYO Scissors	curved, blunt	SuperCut	6-3/4″ (17.1 cm)
5-126TC	MAYO Scissors	curved, blunt	Carb-N-Sert	6-3/4″ (17.1 cm)
5-SC-128	MAYO Scissors	straight, blunt	SuperCut	9″ (22.9 cm)
5-128TC	MAYO Scissors	straight, blunt	Carb-N-Sert	9″ (22.9 cm)
5-SC-130	MAYO Scissors	curved, blunt	SuperCut	9″ (22.9 cm)
5-130TC	MAYO Scissors	curved, blunt	Carb-N-Sert	9″ (22.9 cm)



5-SC-122
5-SC-126
5-SC-130



5-122TC
5-126TC
5-130TC



5-SC-120
5-SC-124
5-SC-128



5-120TC
5-124TC
5-128TC

MAYO Scissors (with rounded blades)

Reinforced rounded blades provide additional strength and durability when used to cut or dissect the very toughest tissue.

REF	Description	Tip	Type	Length
5-136TC	MAYO Scissors	straight, blunt	Carb-N-Sert	5-1/2" (14 cm)
5-138TC	MAYO Scissors	curved, blunt	Carb-N-Sert	5-1/2" (14 cm)
5-140TC	MAYO Scissors	straight, blunt	Carb-N-Sert	6-3/4" (17.1 cm)
5-142TC	MAYO Scissors	curved, blunt	Carb-N-Sert	6-3/4" (17.1 cm)



5-136TC
5-140TC



5-138TC
5-142TC

METZENBAUM Scissors (standard pattern with blunt tips)

This very popular and versatile pattern features gently rounded tips for dissection. A light and perfectly balanced design precisely cuts either tough or delicate tissue.

REF	Description	Tip	Type	Length
5-179TC	METZENBAUM (LAHEY) Scissors	straight, blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-179	METZENBAUM (LAHEY) Scissors	straight, blunt	SuperCut	5-1/2″ (14 cm)
5-180TC	METZENBAUM (LAHEY) Scissors	curved, blunt	Carb-N-Sert	5-1/2″ (14 cm)
5-SC-180	METZENBAUM (LAHEY) Scissors	curved, blunt	SuperCut	5-1/2″ (14 cm)
5-SC-283	METZENBAUM Scissors	straight, blunt	SuperCut	4-1/2″ (11.4 cm)
5-SC-284	METZENBAUM Scissors	curved, blunt	SuperCut	4-1/2″ (11.4 cm)



5-180TC

5-179TC



5-SC-180

5-SC-179



5-SC-284

5-SC-283

METZENBAUM Scissors (standard pattern with blunt tips), continued

Choose from six lengths to accommodate deep cavity surgical needs.

REF	Description	Tip	Type	Length
5-181TC	METZENBAUM Scissors	straight, blunt	Carb-N-Sert	7″ (17.8 cm)
5-182TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	7″ (17.8 cm)
5-SC-182	METZENBAUM Scissors	curved, blunt	SuperCut	7″ (17.8 cm)
5-SC-182TC	METZENBAUM Scissors	curved, blunt	Combination SuperCut/Carb-N-Sert	7″ (17.8 cm)
5-184TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	8″ (20.3 cm)
5-186TC	METZENBAUM Scissors	straight, blunt	Carb-N-Sert	9″ (22.9 cm)
5-188TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	9″ (22.9 cm)
5-SC-188	METZENBAUM Scissors	curved, blunt	SuperCut	9″ (22.9 cm)
5-189A-TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	10″ (25.4 cm)
5-192TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	11″ (27.9 cm)
5-193A-TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	12″ (30.5 cm)



5-182TC
5-184TC
5-188TC
5-189A-TC
5-192TC
5-193A-TC

5-181TC
5-186TC



5-SC-182TC



5-SC-182
5-SC-188

METZENBAUM Scissors (delicate pattern with blunt & sharp tip options)

These scissors feature a light and delicate blade design with blunt or sharp tip options.

REF	Description	Tip	Type	Length
5-179A-TC	METZENBAUM Scissors	straight, delicate, blunt	Carb-N-Sert	5-1/2" (14 cm)
5-179B-TC	METZENBAUM Scissors	straight, delicate, sharp	Carb-N-Sert	5-1/2" (14 cm)
5-180A-TC	METZENBAUM Scissors	curved, delicate, blunt	Carb-N-Sert	5-1/2" (14 cm)
5-180B-TC	METZENBAUM Scissors	curved, delicate, sharp	Carb-N-Sert	5-1/2" (14 cm)
5-181A-TC	METZENBAUM Scissors	straight, delicate, blunt	Carb-N-Sert	7" (17.8 cm)
5-181B-TC	METZENBAUM Scissors	straight, delicate, sharp	Carb-N-Sert	7" (17.8 cm)
5-182A-TC	METZENBAUM Scissors	curved, delicate, blunt	Carb-N-Sert	7" (17.8 cm)
5-182B-TC	METZENBAUM Scissors	curved, delicate, sharp	Carb-N-Sert	7" (17.8 cm)
5-187TC	METZENBAUM Scissors	straight, delicate, blunt	Carb-N-Sert	9" (22.9 cm)
5-189TC	METZENBAUM Scissors	curved, blunt	Carb-N-Sert	9" (22.9 cm)
PM-6810*	METZENBAUM Scissors	curved, blunt	SuperCut	5-3/4" (14.6 cm)
PM-6811*	METZENBAUM Scissors	curved, blunt	SuperCut	7" (17.8 cm)
PM-6812*	METZENBAUM Scissors	curved, blunt	SuperCut	9" (22.9 cm)
PM-6813*	METZENBAUM Scissors	curved, delicate, blunt	SuperCut	7" (17.8 cm)

*PADGETT INSTRUMENTS By Miltex



5-180A-TC
5-182A-TC
5-189-TC

5-179A-TC
5-181A-TC
5-187-TC



5-180B-TC
5-182B-TC
5-187TC

5-179B-TC
5-181B-TC
5-189-TC



PM-6810
PM-6811
PM-6812
PM-6813

Miscellaneous General & Specialty Scissors

STRABISMUS Scissors
This pattern is a smaller and more delicate version of a "Baby Metzenbaum". Rounded tips are useful for small delicate surgical dissection.

GOLDMAN-FOX Scissors
A longer and slightly heavier version of the Tenotomy scissors; one-serrated blade for optimum tissue grip is ideal for wound debridement and other precise dissection of delicate tissue.

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

RAGNELL Scissors
The blunt and flattened tip design is ideal for controlled undermining and precise tissue dissection.

GRADLE Scissors
This is a very popular pattern for dermatology and ophthalmology applications. The delicate "Tenotomy-like" tips are ideal for delicate dissection.

REF	Description	Tip	Type	Length
5-312TC	STRABISMUS Scissors	straight, blunt	Carb-N-Sert	4-1/2" (11.4 cm)
5-314TC	STRABISMUS Scissors	curved, blunt	Carb-N-Sert	4-1/2" (11.4 cm)
5-320TC	GOLDMAN-FOX Scissors	curved, blunt	Carb-N-Sert	5" (12.7 cm)
5-SC-320	GOLDMAN-FOX Scissors	curved, blunt	SuperCut	5" (12.7 cm)
5-SC-270	PLASTIC SURGERY Scissors	straight, sharp	SuperCut	4-3/4" (12.1 cm)
5-SC-276	PLASTIC SURGERY Scissors	curved, sharp	SuperCut	4-3/4" (12.1 cm)
5-SC-290	RAGNELL (KILNER) Scissors	curved, blunt	SuperCut	5" (12.7 cm)
18-SC-1652	GRADLE Scissors	curved, blunt	Supercut	3-3/4" (9.5 cm)



5-314TC

5-312TC



5-320TC



5-SC-320



5-SC-276

5-SC-270



5-SC-290



18-SC-1652

GORNEY Scissors

The Gorney and Gorney-Freeman scissors are a heavier pattern when compared to the Kaye and Kaye-Freeman scissors and are ideal for general surgery procedures. Combined with the flattened tip, the saber-back blades with semi-sharp outer edges allow for effortlessly passing through and undermining tissue. The flattened and delicate blunt tips facilitate precise dissection.

REF	Description	Tip	Type	Length
21-SC-607	Gorney Rhytidectomy Scissors	straight	SuperCut	7-1/2″ (19 cm)
21-SC-608	Gorney Rhytidectomy Scissors	curved	SuperCut	7-1/2″ (19 cm)
21-608TC	Gorney Rhytidectomy Scissors	curved	Carb-N-Sert	7-1/2″ (19 cm)
*** All above scissors have an added single-serrated blade feature**				
PM-6832**	Gorney Platysma Scissors	straight	SuperCut	9″ (229 mm)
PM-6832TC**	Gorney Platysma Scissors	straight	Tungsten Carbide	9″ (229 mm)
PM-6833**	Gorney Platysma Scissors	curved	SuperCut	9″ (229 mm)
PM-6833TC**	Gorney Platysma Scissors	curved	Tungsten Carbide	9″ (229 mm)

** PADGETT INSTRUMENTS By Miltex



21-SC-608

21-SC-607



21-608TC



PM-6833
PM-6833TC

PM-6832
PM-6832TC

GORNEY-FREEMAN Scissors

The Gorney-Freeman pattern offers a slightly more defined flat-ended tip and angled-open shanks for optimum control and the reduction of hand fatigue.

REF	Description	Tip	Type	Length
21-SC-715	Gorney-Freeman Scissors	curved	SuperCut	7-1/4″ (18.4 cm)
21-715TC	Gorney-Freeman Scissors	curved	Carb-N-Sert	7-1/4″ (18.4 cm)
21-SC-716	Gorney-Freeman Scissors	straight	SuperCut	7-1/4″ (18.4 cm)

*** All above scissors have an added single-serrated blade feature**



21-SC-715

21-SC-716



21-715TC

KAYE Scissors

The Kaye and Kaye-Freeman scissors are a lighter and more delicate option to the Gorney and Gorney-Freeman scissors patterns and are ideal for general surgery procedures. Combined with the flattened tip, the Saber-Back blades with semi-sharp outer edges allow for effortlessly passing through and undermining tissue. The flattened and delicate blunt tips facilitate precise dissection.

REF	Description	Tip	Type	Length
5-269TC	KAYE Blepharoplasty & Dissecting Scissors	curved	Carb-N-Sert	4-1/2" (11.4 cm)
21-740TC	KAYE Rhytidectomy & Dissecting Scissors	curved	Carb-N-Sert	5-3/4" (14.6 cm)
21-742TC	KAYE Rhytidectomy & Dissecting Scissors	curved	Carb-N-Sert	7" (17.8 cm)

*** All above scissors have an added single-serrated blade feature**



5-269TC



21-740TC
21-742TC

KAYE-FREEMAN Scissors

The Kaye-Freeman pattern has open angled shanks for optimum control and may afford reduced hand fatigue.

REF	Description	Tip	Type	Length
21-710TC	KAYE-FREEMAN Scissors	curved	Carb-N-Sert	7″ (17.8 cm)
21-SC-710	KAYE-FREEMAN Scissors	curved	SuperCut	7″ (17.8 cm)
21-SC-711	KAYE-FREEMAN Scissors	straight	SuperCut	7″ (17.8 cm)

*** All above scissors have an added single-serrated blade feature**



21-710TC



21-SC-710

21-SC-711

Specialty Scissors

SUTURE/WIRE CUTTING Scissors
45° angled blades with rounded tips and wire notched blade make these scissors useful for cutting all types of suture and 26 AWG or smaller wire.

CONVERSE (WILMER) Scissors
Angled blades make these scissors ideal for dissection and for use as a general utility scissors.

MILTEX® Blepharoplasty Scissors
The lower serrated blade with flat tapered tip facilitates precise undermining of delicate tissue and is ideal for general, dermal and various surgical applications.

FOMON Saber-Back Scissors
The saber-back blade with semi-sharp outer edges and flattened tip help cut, dissect and undermine tissue in a variety of applications.

FOMON Dorsal Scissors
45° angled shanks provide optimum visibility during procedures. The strong narrow serrated blade design cuts cartilage effortlessly.

PAR Scissors
A lighter and more delicate variation to the Strabismus and Baby Metzenbaum scissors. A great pattern for precise dissecting and for cutting of delicate tissue.

REF	Description	Tip	Type	Length
9-124TC	Suture/Wire Cutting Scissors	45° angle, one serrated blade	Carb-N-Sert	4-3/4″ (12.1 cm)
18-1440TC	CONVERSE (WILMER) Scissors	blades angled on flat, sharp tips	Carb-N-Sert	4-1/2″ (11.4 cm)
21-537TC	MILTEX Blepharoplasty Scissors	curved flat tips, one serrated blade	Carb-N-Sert	4-1/2″ (11.4 cm)
21-SC-600	FOMON Saber-Back Scissors	slightly curved blades with semi-sharp outer edges for dissection	SuperCut	5-1/4″ (13.3 cm)
21-604TC	FOMON Dorsal Scissors	angled shanks	Carb-N-Sert	5-1/2″ (14 cm)
21-SC-745	PAR Dissecting & Tissue Scissors	curved, delicate blades with blunt tip	SuperCut	4-1/2″ (11.4 cm)



9-124TC



18-1440TC



21-537TC



21-SC-600



21-604TC



21-SC-745

Specialty Scissors

The Miltex® Z-Type Scissors have a precise form and bend to cut tissue. These scissors feature a robust design which offers lasting sharpness and durability.

REF	Description	Tip	Type	Length
30-2101TC	Z-Type Scissors	slight curve	Carb-N-Sert	9″ (22.8 cm)
30-2102TC	Z-Type Scissors	curve	Carb-N-Sert	9″ (22.8 cm)
30-2103TC	Z-Type Scissors	full curve	Carb-N-Sert	9″ (22.8 cm)
30-2105TC	Z-Type Scissors	slight curve	Carb-N-Sert	10-1/2″ (26.6 cm)
30-2106TC	Z-Type Scissors	curve	Carb-N-Sert	10-1/2″ (26.6 cm)
30-2107TC	Z-Type Scissors	full curve	Carb-N-Sert	10-1/2″ (26.6 cm)
30-2109TC	Z-Type Scissors	slight curve	Carb-N-Sert	12″ (30.4 cm)
30-2110TC	Z-Type Scissors	curve	Carb-N-Sert	12″ (30.4 cm)
30-2111TC	Z-Type Scissors	full curve	Carb-N-Sert	12″ (30.4 cm)



30-2101TC



30-2101TC
30-2105TC
30-2109TC



30-2102TC
30-2106TC
30-2110TC



30-2103TC
30-2107TC
30-2111TC

Operating Scissors

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



Sharp/Sharp **Sharp/Blunt** **Blunt/Blunt**



5-2 to 5-28 **5-32 to 5-58**

5-17

Operating Scissors

SERRATEX OPERATING SCISSORS
Standard pattern operating scissors featuring one blade with fine serrations to reduce tissue slippage.

DELICATE PATTERN LIGHTWEIGHT OPERATING SCISSORS
Delicate pattern operating scissors designed for pediatrics, vascular and other delicate procedures.

REF	Description	Type	Tips	Length
5-70	Serratex Operating Scissors	straight, one serrated edge	sharp/sharp	5-1/2″ (14 cm)
5-72	Serratex Operating Scissors	straight, one serrated edge	sharp/blunt	5-1/2″ (14 cm)
5-73	Serratex Operating Scissors	straight, one serrated edge	blunt/blunt	5-1/2″ (14 cm)
5-74	Serratex Operating Scissors	curved, one serrated edge	sharp/sharp	5-1/2″ (14 cm)
5-76	Serratex Operating Scissors	curved, one serrated edge	sharp/blunt	5-1/2″ (14 cm)
5-77	Serratex Operating Scissors	curved, one serrated edge	blunt/blunt	5-1/2″ (14 cm)
5-60	Lightweight Operating Scissors	straight, delicate pattern	sharp/sharp	5″ (12.7 cm)
5-61	Lightweight Operating Scissors	straight, delicate pattern	sharp/blunt	5″ (12.7 cm)
5-62	Lightweight Operating Scissors	straight, delicate pattern	blunt/blunt	5″ (12.7 cm)
5-63	Lightweight Operating Scissors	curved, delicate pattern	sharp/sharp	5″ (12.7 cm)
5-64	Lightweight Operating Scissors	curved, delicate pattern	sharp/blunt	5″ (12.7 cm)
5-65	Lightweight Operating Scissors	curved, delicate pattern	blunt/blunt	5″ (12.7 cm)
5-80	Lightweight Operating Scissors	straight, delicate pattern	sharp/sharp	5-1/2″ (14 cm)
5-82	Lightweight Operating Scissors	straight, delicate pattern	sharp/blunt	5-1/2″ (14 cm)
5-84	Lightweight Operating Scissors	straight, delicate pattern	blunt/blunt	5-1/2″ (14 cm)
5-86	Lightweight Operating Scissors	curved, delicate pattern	sharp/sharp	5-1/2″ (14 cm)
5-88	Lightweight Operating Scissors	curved, delicate pattern	sharp/blunt	5-1/2″ (14 cm)
5-90	Lightweight Operating Scissors	curved, delicate pattern	blunt/blunt	5-1/2″ (14 cm)



5-70
5-72
5-73

5-74
5-76
5-77

5-70



5-60
5-61
5-62
5-80
5-82
5-84

5-63
5-64
5-65
5-86
5-88
5-90

5-60

Operating & Dissecting Scissors

REF	Description	Type	Tips	Length
5-100	DEAVER Scissors	straight	sharp/sharp	5-1/2″ (14 cm)
5-102	DEAVER Scissors	straight	sharp/blunt	5-1/2″ (14 cm)
5-104	DEAVER Scissors	straight	blunt/blunt	5-1/2″ (14 cm)
5-106	DEAVER Scissors	curved	sharp/sharp	5-1/2″ (14 cm)
5-108	DEAVER Scissors	curved	sharp/blunt	5-1/2″ (14 cm)
5-112	MIXTER Scissors	straight	blunt	6-1/4″ (15.9 cm)
5-114	MIXTER Scissors	curved	blunt	6-1/4″ (15.9 cm)



Sharp/Sharp



Sharp/Blunt



Blunt/Blunt



5-100
5-102
5-104

5-106
5-108

5-100



5-112

5-114

5-112

MAYO Operating & Dissecting Scissors

REF	Description	Type	Length
5-115	MAYO Operating Scissors	straight, heavy pattern, sharp	5-1/2″ (14 cm)
5-116	MAYO Operating Scissors	curved, heavy pattern, sharp	5-1/2″ (14 cm)
5-120	MAYO Dissecting Scissors	straight, standard beveled blade	5-1/2″ (14 cm)
5-122	MAYO Dissecting Scissors	curved, standard beveled blade	5-1/2″ (14 cm)
5-124	MAYO Dissecting Scissors	straight, standard beveled blade	6-3/4″ (17.1 cm)
5-126	MAYO Dissecting Scissors	curved, standard beveled blade	6-3/4″ (17.1 cm)
5-128	MAYO Dissecting Scissors	straight, standard beveled blade	9″ (22.9 cm)
5-130	MAYO Dissecting Scissors	curved, standard beveled blade	9″ (22.9 cm)
5-132	SERRATEX-MAYO Dissecting Scissors	straight, one fine serrated blade	6-3/4″ (17.1 cm)
5-134	SERRATEX-MAYO Dissecting Scissors	curved, one fine serrated blade	6-3/4″ (17.1 cm)
5-136	MAYO Dissecting Scissors	straight, rounded blades	5-1/2″ (14 cm)
5-138	MAYO Dissecting Scissors	curved, rounded blades	5-1/2″ (14 cm)
5-140	MAYO Dissecting Scissors	straight, rounded blades	6-3/4″ (17.1 cm)
5-142	MAYO Dissecting Scissors	curved, rounded blades	6-3/4″ (17.1 cm)



5-115



5-116

5-120
5-124
5-128

5-122
5-126
5-130



5-132

5-134



5-136
5-140

5-138
5-142

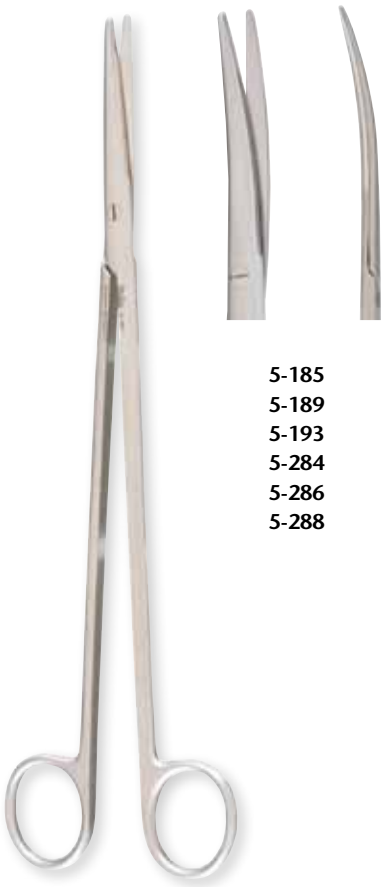
METZENBAUM Scissors

REF	Description	Type	Length
5-179	METZENBAUM (Lahey) Scissors	straight	5-1/2″ (14 cm)
5-180	METZENBAUM Scissors	curved	5-1/2″ (14 cm)
5-181	METZENBAUM Scissors	straight	7″ (17.8 cm)
5-182	METZENBAUM Scissors	curved	7″ (17.8 cm)
5-183	METZENBAUM Scissors	straight, delicate	8″ (20.3 cm)
5-184	METZENBAUM Scissors	curved	8″ (20.3 cm)
5-185	METZENBAUM Scissors	curved, delicate	8″ (20.3 cm)
5-186	METZENBAUM (Nelson) Scissors	straight	9″ (22.9 cm)
5-187	METZENBAUM Scissors	straight, delicate	9″ (22.9 cm)
5-188	METZENBAUM (Nelson) Scissors	curved	9″ (22.9 cm)
5-189	METZENBAUM Scissors	curved, delicate	9″ (22.9 cm)
5-190	METZENBAUM (Nelson) Scissors	straight	11″ (27.9 cm)
5-192	METZENBAUM (Nelson) Scissors	curved	11″ (27.9 cm)
5-193	METZENBAUM Scissors	curved, delicate	11″ (27.9 cm)
5-194	METZENBAUM (Nelson) Scissors	straight	14-1/2″ (36.8 cm)
5-196	METZENBAUM (Nelson) Scissors	curved	14-1/2″ (36.8 cm)
5-283	METZENBAUM Scissors	straight, delicate	5″ (12.7 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)



5-180
5-182
5-184

5-179
5-181



5-185
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5-288

5-183
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5-283



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5-190
5-194

Operating & Dissecting Scissors

REF	Description	Type	Length
5-144	MAYO-NOBLE Dissecting Scissors	straight, rounded blades	6-1/2″ (16.5 cm)
5-146	MAYO-NOBLE Dissecting Scissors	curved, rounded blades	6-1/2″ (16.5 cm)
5-148	MAYO-NOBLE Dissecting Scissors	straight, beveled blades	6-1/2″ (16.5 cm)
5-150	MAYO-NOBLE Dissecting Scissors	curved, beveled blades	6-1/2″ (16.5 cm)
5-152	SISTRUNK Operating Scissors	straight	5-1/2″ (14 cm)
5-154	SISTRUNK Operating Scissors	slightly curved	5-1/2″ (14 cm)
5-160	DOYEN Abdominal Scissors	straight	7″ (17.8 cm)
5-162	DOYEN Abdominal Scissors	curved	7″ (17.8 cm)



5-146 5-150 5-154 5-162

5-144 5-148 5-152 5-160

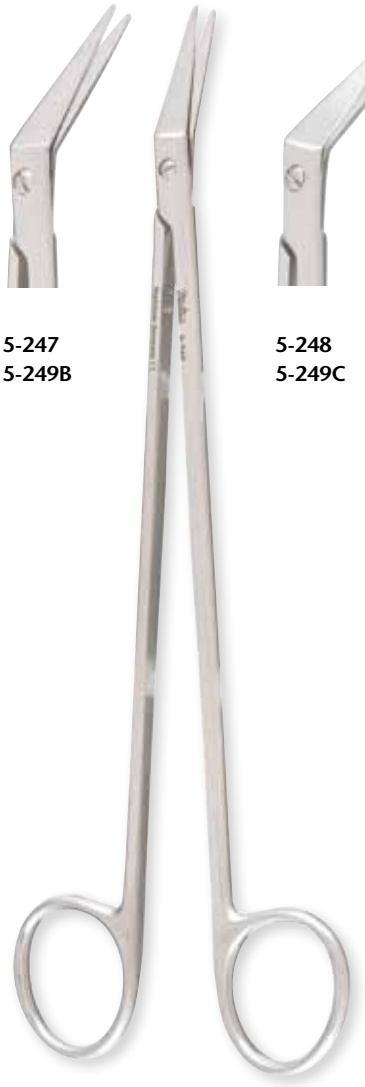
Operating & Dissecting Scissors

REF	Description	Type	Length
5-172	REYNOLDS Dissecting Scissors	curved, tenotomy type tips	6″ (15.2 cm)
5-174	REYNOLDS Dissecting Scissors	curved, tenotomy type tips, one serrated blade	6″ (15.2 cm)
5-176	REYNOLDS Dissecting Scissors	curved, tenotomy type tips	7″ (17.8 cm)
5-178	REYNOLDS Dissecting Scissors	curved, tenotomy type tips, one serrated blade	7″ (17.8 cm)
5-246	POTTS-SMITH Scissors	angled on side 25°, 20 mm blades	7-1/2″ (19.1 cm)
5-247	POTTS-SMITH Scissors	angled on side 45°, 20 mm blades	7-1/2″ (19.1 cm)
5-248	POTTS-SMITH Scissors	angled on side 60°, 20 mm blades	7-1/2″ (19.1 cm)
5-249A	POTTS-SMITH Scissors	delicate, angled on side 25°, 13 mm blades	7″ (17.8 cm)
5-249B	POTTS-SMITH Scissors	delicate, angled on side 45°, 13 mm blades	7″ (17.8 cm)
5-249C	POTTS-SMITH Scissors	delicate, angled on side 60°, 13 mm blades	7″ (17.8 cm)



5-174
5-176
5-178

5-172



5-247
5-249B

5-248
5-249C

5-246
5-249A

Operating & Dissecting Scissors

REF	Description	Type	Length
5-250	KELLY Scissors	straight, sharp tips	6-1/4" (15.9 cm)
5D-251	KELLY Scissors	straight, sharp tips, one serrated blade	6-1/4" (15.9 cm)
5-252	KELLY Scissors	curved, sharp tips	6-1/4" (15.9 cm)
5D-253	KELLY Scissors	curved, sharp tips, one serrated blade	6-1/4" (15.9 cm)
5-254	KELLY Scissors	sharp tips, angled on side	6-1/4" (15.9 cm)
5D-255	KELLY Scissors	sharp tips, angled on side, one serrated blade	6-1/4" (15.9 cm)
5-256	BOETTCHER Dissecting Scissors	curved, double edged, Saber-Back blade	7-1/4" (18.4 cm)
5-262	STRULLY Dissecting Scissors	slightly curved blades with probe tips	8" (20.3 cm)
5-263	KAYE Fine Dissecting Scissors	one serrated blade, ribbon type	4-1/4" (10.8 cm)



5-252
5D-253

5-254
5D-255

5-250
5D-251



5-256



5-262



5-263

Operating & Dissecting Scissors

REF	Description	Type	Length
5-264	DEAN Dissecting Scissors	blades angled on flat, one serrated blade	6-3/4″ (17.1 cm)
5-265	KAHN Dissecting Scissors	straight, Saber-Back blade	5-1/2″ (14 cm)
5-266	KAHN Dissecting Scissors	curved, Saber-Back blade	5-1/2″ (14 cm)
5-267	KAHN Dissecting Scissors	straight, Saber-Back blade	7″ (17.8 cm)
5-268	KAHN Dissecting Scissors	curved, Saber-Back blade	7″ (17.8 cm)
5-290	RAGNELL Dissecting Scissors	curved, flat tip	5″ (12.7 cm)
5-291	RAGNELL Dissecting Scissors	curved, flat tip	7″ (17.8 cm)



5-264



5-266
5-268

5-265
5-267



5-290
5-291

Operating & Dissecting Scissors

REF	Description	Type	Tips	Length
34-92	RICHTER Dissecting Scissors	angular	sharp/blunt	5″ (12.7 cm)
PM-6535*	CLODIUS Dissecting Scissors	curved	sharp	6″ (15.2 cm)

*PADGETT INSTRUMENTS By Miltex



34-92



PM-6535

Plastic Surgery Scissors

REF	Description	Type	Tips	Blade	Length
5-270	Plastic Surgery Scissors	straight	sharp/sharp	-	4-3/4″ (12.1 cm)
5-271	Plastic Surgery Scissors	straight	sharp/sharp	serrated blade	4-3/4″ (12.1 cm)
5-272	Plastic Surgery Scissors	straight	sharp/blunt	-	4-3/4″ (12.1 cm)
5-273	Plastic Surgery Scissors	straight	sharp/blunt	serrated blade	4-3/4″ (12.1 cm)
5-274	Plastic Surgery Scissors	straight	blunt/blunt	-	4-3/4″ (12.1 cm)
5-275	Plastic Surgery Scissors	straight	blunt/blunt	serrated blade	4-3/4″ (12.1 cm)
5-276	Plastic Surgery Scissors	curved	sharp/sharp	-	4-3/4″ (12.1 cm)
5-277	Plastic Surgery Scissors	curved	sharp/sharp	serrated blade	4-3/4″ (12.1 cm)
5-278	Plastic Surgery Scissors	curved	sharp/blunt	-	4-3/4″ (12.1 cm)
5-279	Plastic Surgery Scissors	curved	sharp/blunt	serrated blade	4-3/4″ (12.1 cm)
5-280	Plastic Surgery Scissors	curved	blunt/blunt	-	4-3/4″ (12.1 cm)
5-281	Plastic Surgery Scissors	curved	blunt/blunt	serrated blade	4-3/4″ (12.1 cm)



Sharp/Sharp



Sharp/Blunt



Blunt/Blunt



5-270

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

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

General Surgery Scissors

REF	Description	Type	Tips	Length
5-200	HARRINGTON Scissors	straight	-	11-1/2″ (29.2 cm)
5-202	HARRINGTON Scissors	curved	-	11-1/2″ (29.2 cm)
5-220	SIMS Scissors	straight	sharp/sharp	8″ (20.3 cm)
5-222	SIMS Scissors	straight	sharp/blunt	8″ (20.3 cm)
5-226	SIMS Scissors	curved	sharp/sharp	8″ (20.3 cm)
5-243	JORGENSON Scissors	strongly curved blades	-	9″ (22.9 cm)
5-244	THOREK Scissors	full curve	-	7-1/4″ (18.4 cm)
5-245	THOREK Scissors	full curve	-	10″ (25.4 cm)



5-200

5-202



5-222



5-226

5-220



5-243



5-244
5-245

General Surgery Scissors

REF	Description	Type	Tips	Length
18-1430	Eye Scissors	straight	with probe tip	4″ (10.2 cm)
18-1432	Eye Scissors	curved	with probe tip	4″ (10.2 cm)
18-1440	WILMER (Converse) Conjunctival and Utility Scissors	angled on flat	-	4″ (10.2 cm)
18-1453	Strabismus Scissors	straight, ribbon-type	-	4-1/4″ (10.8 cm)
18-1454	Strabismus Scissors	curved, ribbon-type	-	4-1/4″ (10.8 cm)
18-1455	STEVENS Tenotomy Scissors	curved	blunt	5-1/2″ (14 cm)
18-1456	STEVENS Tenotomy Scissors	curved	blunt	6-1/4″ (15.9 cm)
18-1460	STEVENS Tenotomy Scissors	straight, short blades	sharp	4-1/8″ (10.5 cm)
18-1462	STEVENS Tenotomy Scissors	straight, short blades	blunt	4-1/8″ (10.5 cm)
18-1464	STEVENS Tenotomy Scissors	curved, short blades	sharp	4-1/8″ (10.5 cm)
18-1466	STEVENS Tenotomy Scissors	curved, short blades	blunt	4-1/8″ (10.5 cm)
18-1470	STEVENS Tenotomy Scissors	straight, long blades	sharp	4-1/2″ (11.4 cm)
18-1472	STEVENS Tenotomy Scissors	straight, long blades	blunt	4-1/2″ (11.4 cm)
18-1474	STEVENS Tenotomy Scissors	curved, long blades	sharp	4-1/2″ (11.4 cm)
18-1476	STEVENS Tenotomy Scissors	curved, long blades	blunt	4-1/2″ (11.4 cm)
18-1477	STEVENS Tenotomy Scissors	straight, ribbon-type	blunt	3-3/4″ (9.5 cm)
18-1478	STEVENS Tenotomy Scissors	curved, ribbon-type	blunt	3-3/4″ (9.5 cm)



18-1432

18-1430



18-1440



18-1454

18-1453



18-1455
18-1456
18-1464
18-1466

18-1460
18-1462



18-1474
18-1476

18-1470
18-1472



18-1478

18-1477

General Surgery Scissors

REF	Description	Type	Blade	Length
5-320	GOLDMAN-FOX Wound Debridement Scissors	curved fine tips	one serrated blade	5″ (12.7 cm)
5D-322	GOLDMAN-FOX Wound Debridement Scissors	curved fine tips	one serrated blade, angled shanks	5″ (12.7 cm)
5D-324	LA GRANGE Scissors	curved	one serrated blade, angled shanks	4-1/4″ (10.8 cm)



5-320



5D-322



5D-324

General Surgery Scissors

REF	Description	Type	Length
21-605	MILTEX Rhytidectomy Scissors, Saber-Back	curved	6-1/2″ (16.5 cm)
21-607	GORNEY Facelift Scissors, Saber-Back	straight, one serrated blade	7-3/4″ (19.7 cm)
21-608	GORNEY Facelift Scissors, Saber-Back	slightly curved, one serrated blade	7-3/4″ (19.7 cm)
22-962	LILLY Dissecting & Tonsil Scissors, Saber-Back	strong curve	7-1/2″ (19.1 cm)



21-605



21-608

21-607



22-962

General Surgery Scissors

REF	Description	Type	Length
33-240	BIRO Dermal Naevus Scissors	angled on flat, sharp	4″ (10.2 cm)
33-242	MILTEX Undermining Scissors	curved blades with flat, pointed tip	4-1/2″ (11.4 cm)
34-98	Enterotomy Scissors	with hook blade	8-1/4″ (21 cm)
25-1240B	DEBAKEY-POTTS Scissors	angled 45°, blunt	6-3/4″ (17.1 cm)
27-1000	MARTIN Cartilage Scissors	curved, serrated non-slip cutting edge	8″ (20.3 cm)
40-460	Moleskin & Felt Scissors	straight, sharp/blunt point	7-1/2″ (19.1 cm)



33-240



33-242



34-98



25-1240B



27-1000



40-460

Suture Scissors

REF	Description	Type	Blade	Length
9-96	HEATH Suture Scissors	-	serrated blade	6-1/8″ (15.6 cm)
9-98	NEW'S Suture Scissors	angled on flat	-	5-1/2″ (14 cm)
PM-6770*	LASCHAL Suture Scissors/Forceps	straight	-	4-1/2″ (11.4 cm)
PM-6780*	LASCHAL Suture Cutter	straight	-	6″ (15.2 cm)

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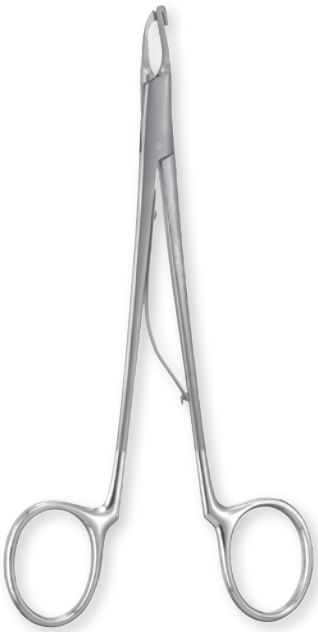
9-96



9-98



PM-6770



PM-6780

Stitch & Wire Cutting Scissors

REF	Description	Type	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)
9-101	SHORTBENT Stitch Scissors	curved on flat, delicate	3-1/2″ (8.9 cm)
9-102	LITTAUER JR. Stitch Scissors	straight, light pattern	4-1/2″ (11.4 cm)
9-103	NORTHBENT Stitch Scissors	curved, light pattern	4-3/4″ (12.1 cm)
9-104	LITTAUER Stitch Scissors	straight, standard pattern	5-1/2″ (14 cm)

*PADGETT INSTRUMENTS® By Miltex



9-100



PM-6751



9-101



9-102



9-103



9-104

Stitch & Wire Cutting Scissors

REF	Description	Type	Length
9-106	LONG Oral Surgery Stitch Scissors	straight	6″ (15.2 cm)
9-108	MILTEX Stitch Scissors	angled, delicate	4-1/2″ (11.4 cm)
9D-115	RA Matrix Scissors	45° angle, one serrated blade	4-1/4″ (10.8 cm)
9-115	REEH Stitch Scissors	curved, small hook, sharp tips, ribbon-type	3-3/4″ (9.5 cm)
9-116	MILTEX Stitch Scissors	curved, no hook, sharp tips, ribbon-type	3-7/8″ (9.8 cm)
9-117	MILTEX Stitch Scissors	curved, no hook, sharp tips, ribbon-type	4-1/2″ (11.4 cm)



9-106



9-108



9D-115



9-115



9-116



9-117

MILTEX® Stitch & Wire Cutting Scissors

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



9-122
9D-123



9-120
9D-121

9-124



9D-132
9D-133



9D-134
9D-135

Iris Scissors

Ribbon -Type Scissors have extra large finger rings.

REF	Description	Type	Length
18-1392	BONN Miniature Iris Scissors	straight, with 15 mm blades	3-1/2" (8.9 cm)
18-1394	BONN Miniature Iris Scissors	curved, with 15 mm blades	3-1/2" (8.9 cm)
18-1396	Iris Scissors	straight, delicate, with 20 mm blades	3-1/2" (8.9 cm)
18-1398	Iris Scissors	curved, delicate, with 20 mm blades	3-1/2" (8.9 cm)
18-1404	MILTEX Iris Scissors	straight, heavy pattern	4" (10.2 cm)
18-1405	MILTEX Iris Scissors	curved, heavy pattern	4" (10.2 cm)
18-1415	Iris Scissors	straight, ribbon-type, standard pattern	4" (10.2 cm)
18-1416	Iris Scissors	curved, ribbon-type, standard pattern	4" (10.2 cm)
18-1417	Iris Scissors	straight, ribbon-type, miniature pattern	3-3/4" (9.5 cm)
18-1418	Iris Scissors	curved, ribbon-type, miniature pattern	3-3/4" (9.5 cm)
18-1419	Iris Utility Scissors	curved, ribbon-type, with 15 mm blades	3-3/4" (9.5 cm)
18-1420	KNAPP Iris Scissors	straight, sharp/blunt	4" (10.2 cm)
18-1422	KNAPP Iris Scissors	straight, blunt/blunt	4" (10.2 cm)
18-1426	KNAPP Iris Scissors	curved, sharp/blunt	4" (10.2 cm)
18-1428	KNAPP Iris Scissors	curved, blunt/blunt	4" (10.2 cm)



18-1394

18-1392



18-1398

18-1396



18-1405

18-1404



18-1416
18-1418

18-1415
18-1417



18-1419



18-1426
18-1428

18-1420
18-1422

Eye Scissors

REF	Description	Type	Length
5-300	Iris Scissors	straight	4″ (10.2 cm)
5-302	Iris Scissors	curved	4″ (10.2 cm)
5-304	Iris Scissors	straight	4-1/2″ (11.4 cm)
5-306	Iris Scissors	curved	4-1/2″ (11.4 cm)
5-308	Iris Scissors	angled on side	4-1/2″ (11.4 cm)
5D-303	Iris Operating Scissors	curved sideways	4-1/2″ (11.4 cm)
5-310	Eye Scissors with probe points	angled on side	4-1/2″ (11.4 cm)
5-312	Strabismus Scissors	straight	4″ (10.2 cm)
5-314	Strabismus Scissors	curved	4″ (10.2 cm)
5-316	BROPHY Scissors	straight, sharp	5-1/2″ (14 cm)
5-318	BROPHY Scissors	curved, sharp	5-1/2″ (14 cm)



5-302
5-306

5-300
5-304



5-308

5D-303



5-310



5-314

5-312



5-318

5-316

Enucleation Scissors

REF	Description	Type	Lenth
18-1494	Enucleation Scissors	light curve	5″ (12.7 cm)
18-1496	Enucleation Scissors	medium curve	5″ (12.7 cm)
18-1498	Enucleation Scissors	full curve	5″ (12.7 cm)



18-1494



18-1496



18-1498

Eye & ENT Scissors

REF	Description	Type	Length
18-1594	McGUIRE Corneal Scissors	right	4-1/8" (10.5 cm)
18-1600	AEBLI Corneal Scissors	straight	4" (10.2 cm)
18-1620	VANNAS Capsulotomy Scissors	straight, extra delicate, sharp	3-1/4" (8.3 cm)
18-1622	VANNAS Capsulotomy Scissors	curved, extra delicate, sharp	3-1/4" (8.3 cm)
20-168	SEILER Turbinate Scissors	angled on side	6-1/4"(15.9 cm)
21-539	KLEINERT-KUTZ Tenotomy Scissors	curved, rounded dissecting blades	4-7/8" (12.4 cm)
21-560	TAYLOR Dural Scissors	angled with probe tip	5-1/2" (14 cm)
21-600	FOMON Scissors, Saber-Back	slightly curved, semi-sharp outer edges	5" (12.7 cm)
21-602	FOMON Lower Lateral Scissors	full curve	5" (12.7 cm)



18-1594



18-1600



18-1622

18-1620



20-168



21-539



21-560



21-602

21-600

Microsurgery Scissors

REF	Description	Type	Tips	Length
18-1510	NOYES Iris Scissors	straight	sharp/sharp	4-1/2″ (11.4 cm)
18-1512	NOYES Iris Scissors	straight	sharp/blunt	4-1/2″ (11.4 cm)
18-1514	NOYES Iris Scissors	straight	blunt/blunt	4-1/2″ (11.4 cm)
18-1516	NOYES (ROSS) Iris Scissors	curved	sharp/sharp	4-1/2″ (11.4 cm)
18-1524	DeWECKER Iris Scissors	angled 7 mm blades	sharp/sharp	4-1/4″ (10.8 cm)
18-1554	McCLURE Iris Scissors	angled on flat, regular 10 mm blades, sharp	-	4-1/2″ (11.4 cm)
18-1558	CASTROVIEJO Corneal Scissors	right, for microsurgery, 6 mm blades	-	4″ (10.2 cm)
18-1559	CASTROVIEJO Corneal Scissors	left, for microsurgery, 6 mm blades	-	4″ (10.2 cm)



18-1512 18-1514 18-1559

18-1510 18-1516 18-1524 18-1554 18-1558

Microsurgery Scissors

REF	Description	Type	Tips	Length
17-2040	MILTEX Microsurgery Scissors	curved, 8 mm blades, flat handles	sharp	5-3/4" (14.6 cm)
17-2060	MILTEX Microsurgery Scissors	straight, 8 mm blades, flat handles	sharp	5-3/4" (14.6 cm)
17-2100	MILTEX Microsurgery Scissors	curved, 6 mm blades, round handles	sharp	6" (15.2 cm)
17-2150	MILTEX Microsurgery Scissors	straight, 6 mm blades, round handles	sharp	6" (15.2 cm)
17-2110	MILTEX Microsurgery Scissors	curved, 6 mm blades, round handles	sharp	7-1/8" (18.1 cm)
17-2160	MILTEX Microsurgery Scissors	straight, 6 mm blades, round handles	sharp	7-1/8" (18.1 cm)
18-1480	WESTCOTT Utility Scissors	curved	blunt	4-1/2" (11.4 cm)
18-1486	WESTCOTT Stitch Scissors	curved	sharp	4-1/2" (11.4 cm)
18-1487	WESTCOTT Tenotomy Scissors	right, wide handles	-	5-1/4" (13.3 cm)
18-1488	WESTCOTT Tenotomy Scissors	left, wide handles	-	5-1/4" (13.3 cm)



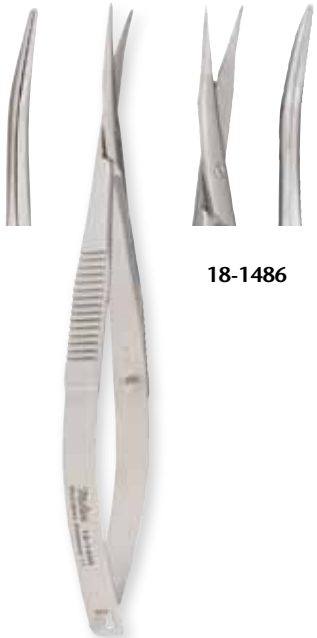
17-2040

17-2060



17-2100
17-2110

17-2150
17-2160



18-1486

18-1480



18-1487
18-1488

Microsurgery Scissors

REF	Description	Type	Length
18-1560	CASTROVIEJO Corneal Section Scissors	right, inner blade 1mm longer, blunt	4-1/2" (11.4 cm)
18-1562	CASTROVIEJO Corneal Section Scissors	left, inner blade 1 mm longer, blunt	4-1/2" (11.4 cm)
18-1570	CASTROVIEJO Keratoplasty Scissors	angled blades, 11 mm, sharp	3-3/4" (9.5 cm)
18-1576	CASTROVIEJO Corneal Scissors	curved, sharp	3-3/4" (9.5 cm)
18-1578	CASTROVIEJO Corneal Scissors	curved, blunt	3-3/4" (9.5 cm)
18-1618	Micro Iris Scissors	straight, sharp	4" (10.2 cm)
18-1619	Micro Iris Scissors	curved, sharp	4" (10.2 cm)
18-1625	McPHERSON-VANNAS Micro Iris Scissors	straight sharp	3-1/4" (8.3 cm)
18-1626	McPHERSON-VANNAS Micro Iris Scissors	curved, sharp	3-1/4" (8.3 cm)
18-1630	Micro VANNAS Scissors	straight, ultra fine blades	3-1/4" (8.3 cm)
18-1631	Micro VANNAS Scissors	curved, ultra fine blades	3-1/4" (8.3 cm)
18-1633	Micro Scissors	straight, super fine blades	3-1/4" (8.3 cm)
18-1634	Micro Scissors	curved, super fine blades	3-1/4" (8.3 cm)
18-1652	Eye Suture (GRADLE) Scissors	slightly curved, sharp	3-3/4" (9.5 cm)
18-1653	Eye Suture Scissors	slightly curved, sharp, ribbon type	4" (10.2 cm)



18-1560



18-1562



18-1576
18-1578



18-1618

18-1619



18-1625



18-1630



18-1631



18-1633



18-1634



18-1652



18-1653

Specialty Scissors & Cutting Instruments

REF	Description	Type	Length
1700	Utility Scissors	straight, heavy pattern, sharp/blunt	6-1/2" (16.5 cm)
1702	Utility Scissors	straight, heavy pattern, blunt/blunt	6-1/2" (16.5 cm)
1704	Utility Scissors	curved, heavy pattern, sharp/blunt	6-1/2" (16.5 cm)
1706	Utility Scissors	curved, heavy pattern, blunt/blunt	6-1/2" (16.5 cm)
1718-SS	WHITE Toenail Scissors	-	4-1/2" (11.4 cm)
1720	Small Animal Toenail Nipper	with latch lock	5-1/4" (13.3 cm)
33-140	Ring Cutter	with circular saw blade, chrome	6-1/2" (16.5 cm)
33-142	Replacement Blade for Finger Ring Cutter	chrome	-
40-425	Nail Scissors	curved, chrome	3-1/2" (8.9 cm)
40-435	Cuticle Scissors	curved, standard	3-1/2" (8.9 cm)
40-445	Cuticle Scissors	curved, extra delicate	3-1/2" (8.9 cm)



1702 1704 1706

1700



1718-SS



1720





33-142

33-140



40-425

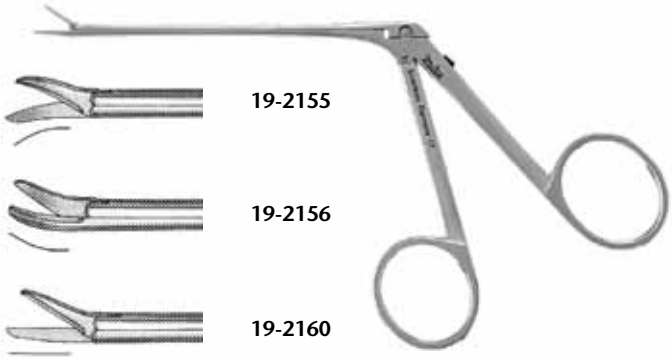


40-445

40-435

BELLUCCI Alligator & Nasal Scissors

REF	Description	Type	Blade	Shaft Length
19-2155	BELLUCCI Alligator Scissors	curved left	7 mm	3″ (7.6 cm)
19-2156	BELLUCCI Alligator Scissors	curved right	7 mm	3″ (7.6 cm)
19-2160	BELLUCCI Alligator Scissors	straight	7 mm	3″ (7.6 cm)
19-2157	HOUSE-BELLUCCI Alligator Scissors	straight	5 mm	3″ (7.6 cm)
19-2158	HOUSE-BELLUCCI Alligator Scissors	curved left	5 mm	3″ (7.6 cm)
19-2159	HOUSE-BELLUCCI Alligator Scissors	curved right	5 mm	3″ (7.6 cm)
20-170	Nasal Scissors	straight	11 mm	4-1/4″ (10.8 cm)
20-171	Nasal Scissors	left	11 mm	4-1/4″ (10.8 cm)
20-172	Nasal Scissors	right	11 mm	4-1/4″ (10.8 cm)



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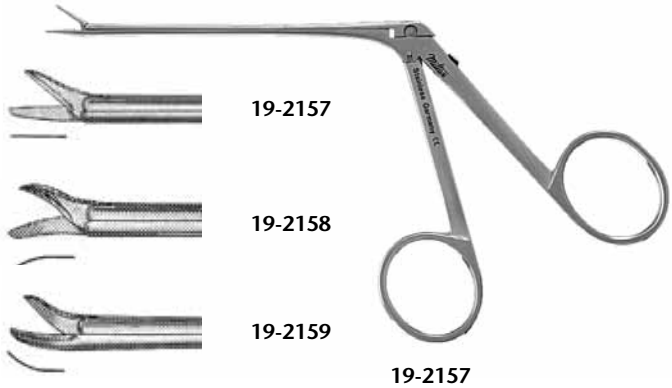

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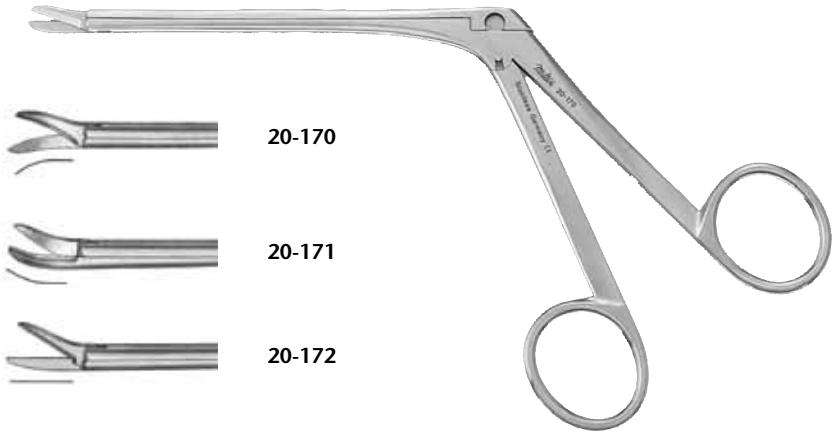


20-170

Bandage & Utility Scissors

REF	Description	Type	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-/12″ (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)
5-547	HERCULES Heavy Duty Bandage & Plaster Shears	serrated blade	7-1/2″ (19.1 cm)



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



5-550



5-547

Bandage & Utility Scissors

REF	Description	Type	Length
5-560	KNOWLES Bandage Scissors	straight	5-1/2" (14 cm)
5-561	KNOWLES Bandage Scissors	shank angled on side, serrated blade	5-1/2" (14 cm)
PM-4841*	PANTZER Hi-Level Bandage Scissors	shank angled on side, serrated	5-1/2" (14 cm)
21-560	TAYLOR Dural Scissors (ideal for feline)	with probe tip	6-1/2" (16.5 cm)
5-564	U.S.A. Gauze Scissors	chrome	8" (20.3 cm)
5-568	ESMARCH Heavy Duty Bandage & Cast Shears	-	8" (20.3 cm)

*PADGETT INSTRUMENTS By Miltex



5-560



5-561



PM-4841



21-560



5-564



5-568

Bandage & Utility Scissors

Miltex offers fluoride coated blades to help prevent adhesive from sticking to blade surfaces.

REF	Description	Type	Length
5-700	Nurse's Bandage Scissors	fluoride coated, pink handle	5-1/2" (14 cm)
5-702	Nurse's Bandage Scissors	fluoride coated, blue handle	5-1/2" (14 cm)
5703	Nurse's Bandage Scissors	fluoride coated, black handle	5-1/2" (14 cm)
5704	Nurse's Bandage Scissors	fluoride coated, neon green handle	5-1/2" (14 cm)
5705	Nurse's Bandage Scissors	fluoride coated, lavender handle	5-1/2" (14 cm)
5803	Bandage and Utility Scissors	fluoride coated, hot pink handle	8" (20.3 cm)
5804	Bandage and Utility Scissors	fluoride coated, bright blue handle	8" (20.3 cm)
5801	Bandage and Utility Scissors	fluoride coated, black handle	8" (20.3 cm)
5-800	Bandage and Utility Scissors	fluoride coated, neon green handle	8" (20.3 cm)
5802	Bandage and Utility Scissors	fluoride coated, lavender handle	8" (20.3 cm)
5-998	Bandage and Utility Scissors	needle destroyer, serrated, black handle	6-1/2" (16.5 cm)
5-1000	Bandage and Utility Scissors	needle destroyer, serrated, black handle	7-1/2" (19.1 cm)
5-1025	Universal Scissors	needle destroyer, serrated, red handle	7-1/2" (19.1 cm)
5-1026	Universal Scissors	needle destroyer, serrated, orange handle	7-1/2" (19.1 cm)
5-1027	Universal Scissors	needle destroyer, serrated, blue handle	7-1/2" (19.1 cm)
5-1028	Universal Scissors	needle destroyer, serrated, purple handle	7-1/2" (19.1 cm)
5-1029	Universal Scissors	needle destroyer, serrated, green handle	7-1/2" (19.1 cm)
5-1030	Universal Scissors	needle destroyer, serrated, yellow handle	7-1/2" (19.1 cm)

*** Note: All Miltex Bandage Scissors are Autoclavable**



5-600



5-700 to 5705



5803 to 5-800



5-998



5-1000 to 5-1030

Specialty Rib Shears

REF	Description	Length
25-362	STILLE Pattern Rib Shears	8-1/2″ (21.6 cm)
25-378	STILLE-GIERTZ Rib Shears	10″ (25.4 cm)



25-362



25-378

Cast Instruments

REF	Description	Type	Length
27-3060	STILLE Plaster & Cast Shears	medium size, serrated blades	11″ (27.9 cm)
27-3070	BRUNS Plaster & Cast Shears	serrated blade	9-1/4″ (23.5 cm)
27-3100	MILTEX 3-Prong Cast Spreader	with spring action for one handed operation	9″ (22.9 cm)



27-3060



27-3070



27-3100

MILTEX® FORCEPS

Premium Dressing & Tissue Forceps.....53-56

Dressing & Tissue Forceps 57-76

Splinter Forceps..... 77-79

Microsurgical Forceps.....80-81

Hemostatic Forceps 82-99

Hemostatic Clamps 100

Towel Clamps & Forceps..... 101

Sponge Forceps.....102-103



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

ANATOMY OF MILTEX® FORCEPS



CARB-N-SERT® (Tungsten Carbide Tips)
Carb-N-Sert® tips are made of tungsten carbide, the hardest steel made for surgical instruments.

Serrations are precision milled into the tungsten carbide material and form pyramid-shaped teeth to provide a positive non-slip grip. Tissue forceps feature precision formed teeth with perfect alignment to provide a durable and reliable grasp of the most delicate or toughest tissue, as well as needles, suture, dressing and delicate vessels.

SPRING TENSION
Proper tension maintains the desired distance between handles and provides a comfortable grasp without requiring unnecessary pressure to close the instrument.

LASER ETCHING
All Miltex forceps are laser etched with our logo and catalog number for easy re-ordering reference. Advanced laser techniques no longer harm instruments the way traditional acid etching techniques did.

SATIN FINISH
Each instrument is satin finished to reduce glare.

TANG
Evenly welded and finished with rounded edges for dissecting. Gold finished handles identify these forceps as precision instruments.

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

Dressing & Tissue Forceps

Miltex® Forceps with tungsten carbide jaws provide considerably longer service life and will maintain a firm and reliable grasping surface.

REF	Description	Teeth	Type	Tip	Length
6-30TC	Dressing Forceps	-	cross-serrated	Carb-N-Sert	6" (15.2 cm)
6-113TC	HUDSON (Ewald) Dressing Forceps	-	cross-serrated	Carb-N-Sert	6" (15.2 cm)
6-115TC	HUDSON (Ewald) Tissue & Suture Forceps	1 x 2	cross-serrated tying platform	Carb-N-Sert	6" (15.2 cm)
6-118TC	ADSON Dressing Forceps	-	cross-serrated	Carb-N-Sert	4-3/4" (12.1 cm)
6-129TC	ADSON Dressing Forceps	-	cross-serrated	Carb-N-Sert	6" (15.2 cm)
6-123TC	ADSON Tissue & Suture Forceps	1 x 2	cross-serrated tying platform	Carb-N-Sert	4-3/4" (12.1 cm)



6-30TC **6-113TC** **6-115TC** **6-118TC** **6-129TC** **6-123TC**

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Tip	Length
6-124TC	BROWN-ADSON Tissue and Suture Forceps	7 x 7	side grasping teeth & cross-serrated tying platform	Carb-N-Sert	4-3/4" (12.1 cm)
6-130TC	ADSON Tissue and Suture Forceps	1 x 2	cross-serrated tying platform	Carb-N-Sert	6" (15.2 cm)
6-154TC	POTTS-SMITH Dressing Forceps	-	cross-serrated	Carb-N-Sert	7" (17.8 cm)
6-156TC	POTTS-SMITH Dressing Forceps	-	cross-serrated	Carb-N-Sert	8-1/4" (21 cm)
6-158TC	POTTS-SMITH Dressing Forceps	-	cross-serrated	Carb-N-Sert	9-3/4" (24.8 cm)
6-165TC	EVANS Pelvic Tissue Forceps	-	cross-serrated	Carb-N-Sert	10" (25.4 cm)
6-166TC	CUSHING Dressing Forceps	-	Gutch handle, cross-serrated	Carb-N-Sert	7" (17.8 cm)
6-198TC	ADSON Bayonet Dressing Forceps	-	Gutch handle, cross-serrated	Carb-N-Sert	8-1/2" (21.6 cm)



6-124TC **6-130TC** **6-154TC** **6-156TC** **6-158TC** **6-165TC** **6-166TC** **6-198TC**

PADGETT Dressing & Tissue Forceps

REF	Description	Teeth	Type	Tip	Length
PM-2511	GORNEY-ADSON Forceps	1 x 2	with smooth tying platform	Carb-N-Sert	4-3/4″ (12.1 cm)
PM-3503	BROWN-ADSON Forceps	4 x 4	side grasping teeth with cross-serrated tying platform	Carb-N-Sert	4-3/4″ (12.1 cm)
PM-4697	Jeweler's Dilator Forceps	-	-	Diamond Dust	4-1/2″ (14.1 cm)
PM-4698	Jeweler's Forceps #4	-	-	Diamond Dust	4″ (10.2 cm)
PM-4699	Jeweler's Forceps #5A	-	-	Diamond Dust	4-1/4″ (10.8 cm)
PM-9043	Crow Coagulating Forceps	-	ESU Insulated, cross-serrated	Carb-N-Sert	9″ (22.9 cm)
PM-3504	REES Bayonet Forceps	-	cross-serrated	Carb-N-Sert	5-1/2″ (14 cm)
PM-3505	REES Bayonet Forceps	-	cross-serrated	Carb-N-Sert	6-1/2″ (15.9 cm)

PADGETT INSTRUMENTS By Miltex



PM-2511 PM-3503 PM-4697 PM-4698 PM-4699 PM-9043 PM-3504 PM-3505

Dressing & Tissue Forceps

Tissue Forceps are designed to hold tissue that is sometimes soft and irregular. These forceps are manufactured with miniature "teeth" that mesh, thereby trapping the tissue and producing a firm grip. This feature has earned these forceps the nickname of "mouse tooth" or "rat tooth."

Dressing Forceps, unlike tissue forceps, have gently serrated tips.

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

REF	Description	Type	Tip	Length
6-2	Dressing Forceps	standard pattern, serrated handles	serrated tips	4" (10.2 cm)
6-4	Dressing Forceps	standard pattern, serrated handles	serrated tips	4-1/2" (11.4 cm)
6-6	Dressing Forceps	standard pattern, serrated handles	serrated tips	5" (12.7 cm)
6-8	Dressing Forceps	standard pattern, serrated handles	serrated tips	5-1/2" (14 cm)
6-8XL*	Dressing Forceps	fenestrated handle, lightweight	serrated tips	5-1/2" (14 cm)
6-10	Dressing Forceps	standard pattern, serrated handles	serrated tips	6" (15.2 cm)
6-12	Dressing Forceps	standard pattern, serrated handles	serrated tips	7" (17.8 cm)
6-14	Dressing Forceps	standard pattern, serrated handles	serrated tips	8" (20.3 cm)
6-16	Dressing Forceps	standard pattern, serrated handles	serrated tips	10" (25.4 cm)
6-18	Dressing Forceps	standard pattern, serrated handles	serrated tips	12" (30.5 cm)
6-24	Dressing Forceps	delicate pattern, fluted handles	serrated tips	4-1/2" (11.4 cm)
6-26	Dressing Forceps	delicate pattern, fluted handles	serrated tips	5" (12.7 cm)
6-28	Dressing Forceps	delicate pattern, fluted handles	serrated tips	5-1/2" (14 cm)
6-28XL*	Dressing Forceps	fenestrated handle, delicate, lightweight	serrated tips	5-1/2" (14 cm)
6-30	Dressing Forceps	delicate pattern, fluted handles	serrated tips	6" (15.2 cm)
18-779	Eye Dressing Forceps	straight, extra delicate pattern	0.5 mm serrated tips	4" (10.2 cm)
18-780	Eye Dressing Forceps	straight, standard pattern	0.8 mm serrated tips	4" (10.2 cm)
18-781	Eye Dressing Forceps	half curved, extra delicate pattern	0.5 mm serrated tips	4" (10.2 cm)
18-782	Eye Dressing Forceps	half curved, standard pattern	0.8 mm serrated tips	4" (10.2 cm)
18-783	Eye Dressing Forceps	full curved, extra delicate pattern	0.5 mm serrated tips	4" (10.2 cm)
18-784	Eye Dressing Forceps	full curved, standard pattern	0.8 mm serrated tips	4" (10.2 cm)



6-2 to 6-18



6-8XL



6-24 to 6-30



6-28XL



18-780



18-779 **18-781** **18-782** **18-783** **18-784**

Tissue Forceps

REF	Description	Teeth	Type	Length
6-40	Tissue Forceps	1 x 2	standard pattern, serrated handles	4-1/2" (11.4 cm)
6-42	Tissue Forceps	1 x 2	standard pattern, serrated handles	5" (12.7 cm)
6-44	Tissue Forceps	1 x 2	standard pattern, serrated handles	5-1/2" (14 cm)
6-44XL	Tissue Forceps	1 x 2	standard pattern, lightweight with fenestrated handles	5-1/2" (14 cm)
6-46	Tissue Forceps	1 x 2	standard pattern, serrated handles	6" (15.2 cm)
6-47	Tissue Forceps	1 X 2	standard pattern serrated handles	7" (17.8 cm)
6-48	Tissue Forceps	1 x 2	standard pattern, serrated handles	8" (20.3 cm)
6-50	Tissue Forceps	1 x 2	standard pattern, serrated handles	10" (25.4 cm)
6-52	Tissue Forceps	1 x 2	standard pattern, serrated handles	12" (30.5 cm)
6-90	Tissue Forceps	1 x 2	delicate pattern, fluted handles	4-1/2" (11.4 cm)
6-92	Tissue Forceps	1 x 2	delicate pattern, fluted handles	5" (12.7 cm)
6-94	Tissue Forceps	1 x 2	delicate pattern, fluted handles	5-1/2" (14 cm)
6-96	Tissue Forceps	1 x 2	delicate pattern, fluted handles	6" (15.2 cm)
6-60	Tissue Forceps	2 x 3	standard pattern, serrated handles	4-1/2" (11.4 cm)
6-62	Tissue Forceps	2 x 3	standard pattern, serrated handles	5" (12.7 cm)
6-64	Tissue Forceps	2 x 3	standard pattern, serrated handles	5-1/2" (14 cm)
6-66	Tissue Forceps	2 x 3	standard pattern, serrated handles	6" (15.2 cm)
6-72	Tissue Forceps	3 × 4	standard pattern, serrated handles	5" (12.7 cm)
6-74	Tissue Forceps	3 × 4	standard pattern, serrated handles	5-1/2" (14 cm
6-76	Tissue Forceps	3 × 4	standard pattern, serrated handles	6" (15.2 cm)
6-82	Tissue Forceps	4 × 5	standard pattern, serrated handles	5" (12.7 cm)
6-84	Tissue Forceps	4 × 5	standard pattern, serrated handles	5-1/2" (14 cm
6-86	Tissue Forceps	4 × 5	standard pattern, serrated handles	6" (15.2 cm)



6-40 to 6-52



6-44XL



6-90 to 6-96



6-60 to 6-66



6-72 to 6-76



6-82 to 6-86

Iris Tissue Forceps

REF	Description	Teeth	Type	Tips	Length
18-785	Iris Tissue Forceps	1 x 2	straight, extra delicate	0.5 mm wide	4″ (10.2 cm)
18-789	Iris Tissue Forceps	1 x 2	half curved, extra delicate	0.5 mm wide	4″ (10.2 cm)
18-791	Iris Tissue Forceps	1 x 2	full curved, extra delicate	0.5 mm wide	4″ (10.2 cm)
18-786	Iris Tissue Forceps	1 x 2	straight, standard	0.8 mm wide	4″ (10.2 cm)
18-787	Iris Tissue Forceps	1 x 2	straight, standard, non-magnetic	0.8 mm wide	4″ (10.2 cm)
18-788	Iris Tissue Forceps	1 x 2	half curved, standard	0.8 mm wide	4″ (10.2 cm)
18-790	Iris Tissue Forceps	1 x 2	full curved, standard	0.8 mm wide	4″ (10.2 cm)



18-789 **18-791**

18-788 **18-790**

18-785

18-786
18-787

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-100	Dressing Forceps	-	serrated, curved narrow tips	5″ (12.7 cm)
6-104	SEMKEN Dressing Forceps	-	serrated, straight	5″ (12.7 cm)
6-106	SEMKEN Tissue Forceps	1 x 2	straight	5″ (12.7 cm)
6-107	SEMKEN Tissue Forceps	1 x 2	curved tips	5″ (12.7 cm)
6-108	SEMKEN Tissue Forceps	2 x 3	straight	5″ (12.7 cm)
6-109	SEMKEN Dressing Forceps	-	serrated, straight	6″ (15.2 cm)
6-109A	SEMKEN Tissue Forceps	1 x 2	straight	6″ (15.2 cm)



6-100



6-104



6-106



6-107



6-108



6-109A



6-109

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-110	STILLE pattern Tissue Forceps	4 x 5	-	5" (12.7 cm)
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)
6-118	ADSON Dressing Forceps	-	delicate, serrated	4-3/4" (12.1 cm)
6-118A	ADSON Dressing Forceps	-	delicate, serrated, angled	4-3/4" (12.1 cm)
6-118XL	ADSON Dressing Forceps	-	delicate, fenestrated handles, lightweight	4-3/4" (12.1 cm)
17-2510	Micro ADSON Dressing Forceps	-	serrated, 0.5 mm wide	4-3/4" (12.1 cm)



6-110



6-112

6-114



6-118



6-118A



6-118XL



17-2510

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-120	ADSON Tissue Forceps	1 x 2	delicate	4-3/4" (12.1 cm)
6-120A	ADSON Tissue Forceps	1 x 2	delicate, angled tip	4-3/4" (12.1 cm)
6-120XL	ADSON Tissue Forceps	1 x 2	lightweight fenestrated handles	4-3/4" (12.1 cm)
6-123XL	ADSON Dressing/Tissue Suture Forceps	1 x 2	with tying platform, fenestrated handles	4-3/4" (12.1 cm)
6-124XL	BROWN-ADSON Tissue Forceps	7 x 7	side grasping teeth, fenestrated handles	4-3/4" (12.1 cm)
6-121	ADSON Tissue Forceps	1 x 2	delicate, cross serrated tips	4-3/4" (12.1 cm)
6-122	ADSON Tissue Forceps	2 x 3	delicate	4-3/4" (12.1 cm)
6-123	ADSON Dressing/Tissue Suture Forceps	1 x 2	with tying platform	4-3/4" (12.1 cm)
6-124	BROWN-ADSON Tissue Forceps	7 x 7	side grasping teeth	4-3/4" (12.1 cm)



6-120A 6-123XL 6-124XL 6-122 6-123

6-120 6-120XL 6-121 6-124

Dressing & Tissue Forceps

Ref	Description	Teeth	Type	Length
6-125	DeBAKEY-ADSON Dressing Forceps	-	atraumatic tips 1.5 mm wide	4-3/4" (12.1 cm)
6-126	BROWN-ADSON Tissue Forceps	7 x 7	angular	4-3/4" (12.1 cm)
6-128	HEANEY Tissue Forceps	2 x 3	cross-serrated tips	5-1/2" (14 cm)
6-132	STONE Tissue Forceps	4 x 5	-	6" (15.2 cm)
6-134	MARTIN Tissue Forceps	7 x 8	-	6" (15.2 cm)
6-136	MARTIN Tissue Forceps	7 x 8	-	7-1/2" (19.1 cm)



6-125



6-126



6-128



6-132



6-134



6-136

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-138	BROWN Tissue Forceps	8 x 8	side grasping teeth	6″ (15.2 cm)
6-140	BROWN Tissue Forceps	8 x 8	side grasping teeth	8″ (20.3 cm)
6-141	BROWN Tissue Forceps	8 x 8	side grasping teeth	10″ (25.4 cm)
6-142	RUSSIAN Tissue Forceps	-	-	6″ (15.2 cm)
6-144	RUSSIAN Tissue Forceps	-	-	8″ (20.3 cm)
6-145	RUSSIAN Tissue Forceps	-	-	10″ (25.4 cm)
6-148	BONNEY Tissue Forceps	1 x 2	serrated tips	7″ (17.8 cm)
6-150	BONNEY Tissue Forceps	2 x 3	serrated tips	7″ (17.8 cm)
6-154	POTTS-SMITH Dressing Forceps	-	serrated tips	7″ (17.8 cm)
6-156	POTTS-SMITH Dressing Forceps	-	serrated tips	8-1/4″ (21 cm)
6-158	POTTS-SMITH Dressing Forceps	-	serrated tips	9-1/2″ (24.1 cm)
6-159	POTTS-SMITH Dressing Forceps	-	serrated tips	12″ (30.5 cm)
6-160	POTTS-SMITH Tissue Forceps	1 x 2	serrated tips	7″ (17.8 cm)
6-162	POTTS-SMITH Tissue Forceps	1 x 2	serrated tips	8-1/4″ (21 cm)
6-164	POTTS-SMITH Tissue Forceps	1 x 2	serrated tips	9-1/2″ (24.1 cm)
6-164A	POTTS-SMITH Tissue Forceps	1 x 2	serrated tips	12″ (30.5 cm)



6-138
6-140
6-141



6-142
6-144
6-145



6-148

6-150



6-154
6-156
6-158
6-159

6-160 to 6-164A

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-166	CUSHING Dressing Forceps	-	serrated, Gutch handle, scraper end	7″ (17.8 cm)
6-168	CUSHING Tissue Forceps	1 x 2	Gutch handle, scraper end	7″ (17.8 cm)
6-180	GERALD Dressing Forceps	-	straight, serrated	7″ (17.8 cm)
6-182	GERALD Tissue Forceps	1 x 2	straight	7″ (17.8 cm)
6-184	GERALD Dressing Forceps	-	curved, serrated	7″ (17.8 cm)
6-186	GERALD Tissue Forceps	1 x 2	curved	7″ (17.8 cm)
6-188	CUSHING Dressing Forceps	-	serrated, scraper end	7″ (17.8 cm)
6-189	CUSHING Tissue Forceps	1 x 2	scraper end	7″ (17.8 cm)



6-168



6-182 **6-184** **6-186**



6-189



6-166



6-180



6-188

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
6-190	CUSHING Dressing Forceps	-	serrated, bayonet, scraper end	7-1/4" (18.4 cm)
6-192	CUSHING Tissue Forceps	1 x 2	bayonet, scraper end	7-1/4" (18.4 cm)
6-197	GRUENWALD (JANSEN) Bayonet Dressing Forceps	-	serrated	6-1/2" (16.5 cm)
6-198	ADSON Bayonet Dressing Forceps	-	-	8-1/4" (21 cm)
6-200	KELLY Tissue Forceps	1 x 2	slotted Gutch handles	9-3/4" (24.8 cm)
6-202	KELLY Tissue Forceps	2 x 3	slotted Gutch handles	9-3/4" (24.8 cm)
6-204	KELLY Tissue Forceps	3 x 4	slotted Gutch handles	9-3/4" (24.8 cm)
6-210	MAYO RUSSIAN Tissue Forceps	-	fenestrated jaws, slotted grooved handles	9" (22.9 cm)



6-192

6-204

6-190

6-197

6-198

6-200
6-202

6-210

Dressing & Tissue Forceps

REF	Description	Type	Length
6-212	DAVIS Tissue Forceps	-	10″ (25.4 cm)
6-214	SINGLEY Tissue Forceps	fenestrated serrated jaws	9″ (22.9 cm)
16-80	WANGENSTEEN Tissue Forceps	rounded jaws with fine cross-serrations	9″ (22.9 cm)
17-1100	RHOTON Micro Suture Forceps	straight, with 0.7 mm tying platform	7″ (17.8 cm)
17-1150	RHOTON Micro Forceps	straight, 0.3 mm tips	7″ (17.8 cm)



6-212



6-214



16-80



17-1100

17-1150

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-620	KIRBY Iris Forceps	1 x 2	straight	4" (10.2 cm)
18-624	KIRBY Iris Forceps	1 x 2	curved	4" (10.2 cm)
18-632	KIRBY Cornea-Scleral Forceps	1 x 2	angled tips	4" (10.2 cm)
18-793	O'CONNOR Iris Forceps	1 x 2	angular jaws, 0.5 x 9 mm	3-3/4" (9.5 cm)
18-794	BRACKEN Iris Forceps	-	with fine cross-serrated tips	4" (10.2 cm)
18-795	FOERSTER Eye Dressing Forceps	-	octagonal grip, straight, serrated tips 0.5 mm wide	3-3/4" (9.5 cm)
18-795A	FOERSTER Eye Dressing Forceps	-	octagonal grip, full curved, serrated tips 0.5 mm wide	3-3/4" (9.5 cm)
18-796	FOERSTER Iris Tissue Forceps	1 x 2	octagonal grip, straight, 0.5 mm wide	3-3/4" (9.5 cm)
18-798	FOERSTER Iris Tissue Forceps	1 x 2	octagonal grip, full curved, 0.5 mm wide	3-3/4" (9.5 cm)
18-804	STEVENS Iris Forceps	1 x 2	straight, 1 mm wide	4" (10.2 cm)



18-620

18-624 18-632



18-793



18-794



18-795



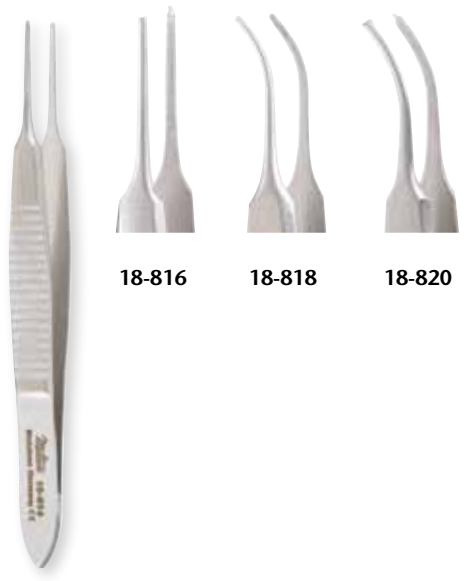
18-795A 18-796 18-798



18-804

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-814	GRAEFE Eye Dressing Forceps	-	straight, serrated	2-3/4" (7 cm)
18-816	GRAEFE Iris Forceps	1 x 2	straight	2-3/4" (7 cm)
18-818	GRAEFE Eye Dressing Forceps	-	curved, serrated	2-3/4" (7 cm)
18-820	GRAEFE Iris Forceps	1 x 2	curved	2-3/4" (7 cm)
18-825	GILL (Chandler) Iris Forceps	-	fine cross-serrated tips, 0.6 mm wide	3" (7.6 cm)
18-827	TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps	1 x 2	0.4 mm, set at 45° angle, with tying platform	3" (7 cm)
18-828	TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps	1 x 2	0.12 mm, set at 45° angle, with tying platform	3" (7 cm)
18-829	BOTVIN Iris Forceps	-	fine cross-serrated tips, 0.5 mm wide	2-7/8" (7.3 cm)
18-830	GILL-HESS Iris Forceps	1 x 2	forward tips 0.5 mm wide	2-3/4" (7 cm)
18-834	GILL Iris Forceps	1 x 2	tips 0.6 mm wide	2-7/8" (7.3 cm)
18-835	BONN Micro Suturing Forceps	1 x 2	0.12 mm, with tying platform	2-3/4" (7 cm)



18-816 18-818 18-820

18-814



18-825



18-828

18-827



18-829



18-830



18-834



18-835

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-836	BONN Micro Suturing Forceps	1 x 2	0.12 mm, with tying platform	3-3/4" (9.5 cm)
18-837	McPHERSON Micro Corneal Suturing Forceps	1 x 2	straight, 0.2 mm, with tying platform	3-1/2" (8.9 cm)
18-838	McPHERSON Micro Corneal Suturing Forceps	1 x 2	angled, 0.2 mm, with tying platform	3-1/2" (8.9 cm)
18-840	Strabismus Tissue Forceps	1 x 2	1 mm wide tips	4" (10.2 cm)
18-850	GRAEFE Fixation Forceps	-	fine standard jaws 4.5 mm wide	4-3/8" (11.2 cm)
18-852	GRAEFE Fixation Forceps	-	fine standard jaws 4.5 mm wide, non-magnetic	4-3/8" (11.2 cm)
18-854	GRAEFE Fixation Forceps	-	fine standard jaws 4.5 mm wide, with catch	4-3/8" (11.2 cm)
18-860	WALDEAU Fixation Forceps	-	fine concave jaws 5 mm wide	4-3/8" (11.2 cm)
18-866	BISHOP-HARMON Dressing Forceps	-	fine cross serrated tips 0.5 mm wide	3-3/8" (8.6 cm)
18-867	BISHOP-HARMON Micro Tissue Forceps	1 x 2	delicate 0.3 mm tips	3-3/8" (8.6 cm)
18-868	BISHOP-HARMON Tissue Forceps	1 x 2	standard 0.7 mm tips	3-3/8" (8.6 cm)



18-836



18-837

18-838



18-840



18-850 to 18-854



18-860



18-866



18-867



18-868

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-880	PIERSE Colibri Type Corneal Forceps	-	tips 0.12 mm	3-1/4" (8.3 cm)
18-881	PIERSE Colibri Type Corneal Forceps	-	tips 0.3 mm	3-1/4" (8.3 cm)
18-883	CASTROVIEJO Colibri Type Corneal Forceps	-	tips 0.12 mm, with tying platform	4" (10.2 cm)
18-896	GREEN Fixation Forceps	19 x 20	T-Shape, 12 mm jaws	4" (10.2 cm)
18-897	GREEN Fixation Forceps	8 x 9	T-Shape, 5 mm jaws	4" (10.2 cm)
18-904	O'BRIEN Fixation Forceps	1 x 2	delicate, 0.9 mm wide, angled forward	4" (10.2 cm)
18-906	ELSCHNIG Fixation Forceps	1 x 2	strong, 0.9 mm wide, angled upward	4-1/4" (10.8 cm)
18-912	LESTER Fixation Forceps	1 x 2	delicate, 0.6 mm wide	3-3/4" (9.5 cm)
18-914	LESTER Fixation Forceps	2 x 3	delicate, 1 mm wide	3-3/4" (9.5 cm)

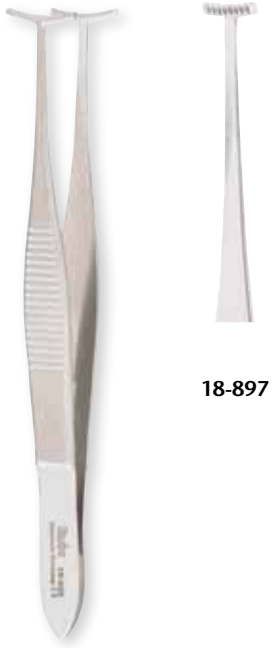


18-881

18-880



18-883



18-897

18-896



18-904



18-906



18-914

18-912

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-916	HARMON Fixation Forceps	4 x 5	delicate 2.5 mm wide tips	3" (7.6 cm)
18-946	HARMS Suturing Forceps	-	straight, 11 mm wide handles, tying platform, 0.6 mm wide tip	4-1/8" (10.5 cm)
18-947	HARMS Suturing Forceps	-	curved, 11 mm wide handles, tying platform, 0.6 mm wide tip	4-1/8" (10.5 cm)
18-948	McPHERSON Micro Iris Suturing Forceps	-	straight, smooth platform 0.3 mm x 5 mm	3-1/2" (8.9 cm)
18-949	McPHERSON Micro Iris Suturing Forceps	-	angled, smooth platform 0.3 x 5 mm	3-1/2" (8.9 cm)
18-950	CASTROVIEJO Suturing Forceps	1 X 2	0.9 mm, with tying platform	4" (10.2 cm)
18-951	CASTROVIEJO Suturing Forceps	1 X 2	0.3 mm, with tying platform	4" (10.2 cm)
18-952	CASTROVIEJO Suturing Forceps	1 X 2	0.6 mm, with tying platform	4" (10.2 cm)
18-953	CASTROVIEJO Micro Suturing Forceps	1 X 2	11 mm wide handles, 0.12 mm, with tying platform	4-1/4" (10.8 cm)
18-954	CASTROVIEJO Suturing Forceps	1 X 2	11 mm wide handles, 0.6 mm, with tying platform	4-1/4" (10.8 cm)
18-955	CASTROVIEJO Suturing Forceps	1 X 2	11 mm wide handles, 0.9 mm, with tying platform	4-1/4" (10.8 cm)
18-956	NUGENT Utility Forceps	-	smooth tips, 1.2 mm wide	4-1/4" (10.8 cm)
18-958	NUGENT Utility Forceps	-	cross-serrated tips, 1.2 mm wide	4-1/4" (10.8 cm)



18-916



18-947

18-946



18-949

18-948



18-950 to 18-952



18-953 to 18-955



18-956

18-958

Dressing & Tissue Forceps

REF	Description	Teeth	Type	Length
18-962	McCULLOUGH Utility Forceps	-	smooth tips, 1.5 mm wide	4″ (10.2 cm)
18-964	McCULLOUGH Utility Forceps	-	cross-serrated tips, 1.5 mm wide	4″ (10.2 cm)
18-966	McCULLOUGH Suturing Forceps	1 x 2	cross-serrated jaws, 1.5 mm wide	4″ (10.2 cm)
18-970	WILLS HOSPITAL Utility Forceps	-	cross-serrated tying platform, 1.2 mm wide	4″ (10.2 cm)
18-971	BONNACOLTS Utility Forceps	-	longitudinal serrations with cross-serrations on tip, 1.2 mm wide with tapered tips	4″ (10.2 cm)
18-974	SAUER Suturing Forceps	1 x 2	curved teeth overlapping, 0.6 mm wide	3-1/2″ (8.9 cm)
18-975	MANHATTAN EYE & EAR Suturing Forceps	1 x 2	smooth platform, teeth overlapping, 0.7 mm wide	3-1/2″ (8.9 cm)
18-978	SCHAAF Foreign Forceps	-	grooved tips	3-3/4″ (9.5 cm)
18-1100	LITTAUER Cilia Forceps	-	4 mm wide jaws with fine horizontal serrations	3-1/2″ (8.9 cm)
18-1102	BEER Cilia Forceps	-	4 mm wide smooth jaws	3-1/2″ (8.9 cm)
18-1104	ZIEGLER Cilia Forceps	-	2 mm wide serrated jaws, serrated	3-1/2″ (8.9 cm)



18-964 18-966



18-962



18-970



18-971



18-974



18-975



18-978



18-1100

18-1102 18-1104

Dressing & Tissue Forceps

REF	Description	Type	Length
18-1106	DOUGLAS Cilia Forceps	thin tips, 2.5 mm wide, with fine horizontal serrations	3-1/2" (8.9 cm)
18-1107	SWISS Cilia and Suture Forceps	3 mm wide precision fitted diagonal jaws	3-3/4" (9.5 cm)
18-1110	BERGH Cilia Forceps	5 mm wide jaws with horizontal serrations	3-1/2" (8.9 cm)
18-1111	BARRAQUER Cilia Suture Forceps	5 mm smooth platform	4-1/2" (11.4 cm)
18-1112	BENNETT Cilia Forceps	cup shaped jaws, 3 mm diameter	3" (7.6 cm)
18-1114	BEAUPRE Cilia Forceps	smooth jaws, 12 mm long, 45° angle	4-1/2" (11.4 cm)
18-1116	GRADLE Cilia Forceps	precision ground jaws, 1.4 mm wide	4" (10.2 cm)



18-1106



18-1107



18-1110



18-1111



18-1112



18-1114



18-1116

Dressing & Tissue Forceps

REF	Description	Type	Length
19-350	WILDE Ear Forceps	angular with serrated tips	5″ (12.7 cm)
19-356	WILDE Ear Forceps	cross-action, angular with serrated tips	4-3/4″ (12.1 cm)
19-360	BLAKE Ear Forceps	very delicate, angular with serrated tips	4-1/8″ (10.5 cm)
20-120	WILDE Dressing Forceps	angular, serrated tips	6-1/2″ (16.5 cm)
19-370	LUCAE Ear Forceps	bayonet shape, serrated tips	5-1/2″ (14 cm)
19-371	JANSEN Ear Forceps	bayonet shape, very delicate with 2 mm wide serrated tips	6-1/4″ (15.9 cm)



19-350
19-356

19-360

20-120

19-370

19-371

Dressing & Tissue Forceps

DeBakey and Cooley Forceps feature atraumatic jaws.

REF	Description	Teeth	Type	Length
24-550	DeBAKEY Thoracic Tissue Forceps	-	2.5 mm wide jaws	6″ (15.2 cm)
24-552	DeBAKEY Thoracic Tissue Forceps	-	2.5 mm wide jaws	7-1/2″ (19.7 cm)
24-554	DeBAKEY Thoracic Tissue Forceps	-	2.5 mm wide jaws	9-1/2″ (24.1 cm)
24-556	DeBAKEY Thoracic Tissue Forceps	-	2.5 mm wide jaw	12″ (30.5 cm)
24-570	DeBAKEY Vascular Tissue Forceps	-	1.5 mm wide jaws	6″ (15.2 cm)
24-572	DeBAKEY Vascular Tissue Forceps	-	1.5 mm wide jaws	8″ (20.3 cm)
24-574	DeBAKEY Vascular Tissue Forceps	-	1.5 mm wide jaws	9-1/2″ (24.1 cm)
24-570XL	DeBAKEY Tissue Forceps	-	lightweight, 1.5 mm jaws, fenestrated handles	6″ (15.2 cm)
24-580	COOLEY Vascular Tissue Forceps	-	2 mm tips	6″ (15.2 cm)
24-582	COOLEY Vascular Tissue Forceps	-	2 mm tips	8″ (20.3 cm)
26-956	FERRIS-SMITH Tissue Forceps	1 x 2	serrated platform tips	7″ (17.8 cm)
26-958	FERRIS-SMITH Tissue Forceps	2 x 3	serrated platform tips	7″ (17.8 cm)
33-500	MILTEX Depilatory Forceps	-	flat square tips with deep serrations	5-1/2″ (14 cm)



24-550 to 24-556



24-570 to 24-574



24-570XL



24-580 24-582



26-956



26-958



33-500

Splinter Forceps

REF	Description	Type	Length
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)
6-316	FEILCHENFELD Splinter Forceps	straight	3" (7.6 cm)
6-318	FEILCHENFELD Splinter Forceps	straight	4-1/2" (11.4 cm)



6-300 to 6-304



6-310

6-308



6-314

6-312



6-318

6-316

Splinter Forceps

REF	Description	Type	Length
6-330	Physicians' Splinter Forceps	straight	5″ (12.7 cm)
6-336	VIRTUS Splinter Forceps	straight	6″ (15.2 cm)
6-337	VIRTUS Splinter Forceps	45° angle	5-1/2″ (14 cm)
6-338	WILLIAMS Splinter Forceps	straight	5-1/2″ (14 cm)
6-340	WILLIAMS Splinter Forceps	45° angle	5-1/2″ (14 cm)
6-342	WILLIAMS Splinter Forceps	right angle	4-3/4″ (121mm)
6-350	PEET Splinter Forceps	double curve	4-3/4″ (12.1 cm)
6-400	MILTEX Splinter Liberator	trocar point in reversible handle	5″ (12.7 cm)



6-330



6-337

6-336



6-340

6-342



6-338



6-350



6-400

Splinter Forceps

Professional Splinter Removal Kit includes the Splinter Liberator used to approach the embedded fragment by elevating the epidermis.

After the fragment is exposed, the Walter Forceps are used for quick and easy removal of splinter.

REF	Description	Type	Length
V96-329	Splinter Forceps	with magnifier, in black plastic case	3" (7.6 cm)
V96-336	Virtus Splinter Forceps	-	6" (15.2 cm)
V96-312	Walter Splinter Forceps	straight	4-1/2" (11.4 cm)
V96-400	Splinter Liberator	in reversible handle, with needle sharp tips	5" (12.7 cm)
V96-410	Professional Splinter Removal Kit	Splinter Liberator & Forceps for removal	-



V96-329



V96-336



V96-312



V96-400



V96-312
V96-400
V96-410

Microsurgical Forceps

REF	Description	Type	Style	Length
17-301	SWISS Jeweler Style Forceps	non-magnetic stainless steel	1, fine	4-3/4" (12.1 cm)
17-302	SWISS Jeweler Style Forceps	non-magnetic stainless steel	2, strong, fine	4-3/4" (12.1 cm)
17-303	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3, narrow, fine	4-3/4" (12.1 cm)
17-303C	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3C, narrow, fine	4-3/8" (11.2 cm)
17-303X	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3, micro-fine	4-3/4" (12.1 cm)
17-304	SWISS Jeweler Style Forceps	non-magnetic stainless steel	4, fine	4-3/8" (11.2 cm)



17-301 17-302 17-303 17-303C 17-303X 17-304

Microsurgical Forceps

REF	Description	Type	Style	Length
17-305	SWISS Jeweler Style Forceps	non-magnetic stainless steel	5, super fine	4-3/8" (11.2 cm)
17-305X	SWISS Jeweler Style Forceps	non-magnetic stainless steel	5, micro-fine	4-3/8" (11.2 cm)
17-306	SWISS Jeweler Style Forceps	non-magnetic stainless steel	6, pickup	4-1/2" (11.4 cm)
17-307	SWISS Jeweler Style Forceps	non-magnetic stainless steel	7, fine, curved	4-1/2" (11.4 cm)
17-307X	SWISS Jeweler Style Forceps	non-magnetic stainless steel	7, micro-fine, curved	4-1/2" (11.4 cm)
18-980	THORPE Corneal and Splinter Forceps	very sharp points, fine serrated tips	-	4-1/2" (11.4 cm)



17-305 **17-305X** **17-306** **17-307** **17-307X** **18-980**

ANATOMY OF MILTEX® HEMOSTATIC FORCEPS

Hemostats are used in a variety of ways, but the primary function is to control or stop the flow of blood through arteries and veins. The diagram below illustrates the important aspects in the construction of a hemostat.



TIPS
The tips should meet first when closing the instrument and the space between the jaws should gradually diminish as the hemostat is being fully 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.

SHANK
It is essential that the shank be sufficiently flexible so the surgeon develops a certain amount of "feel" with the instrument, thereby improving control.

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

RING HANDLES
Well rounded and polished handles provide a more comfortable grip.

HEMOSTATIC FORCEPS
A Construction & Functional Guide

Name	Construction and Functional Description	Nickname
HALSTED	7-2 through 7-20	Mosquito Clamp
	Serrations are full horizontal	
	Straight and curved	
	Length 5" (12.7 cm)	
HARTMAN	7-24 through 7-26	Mosquito Clamp/Baby Mosquito
	Serrations are full horizontal	
	Straight and curved	
	Length 3-1/2" (8.9 cm)	
PROVIDENCE HOSPITAL	7-30 through 7-32	Delicate Kelly Clamp
	Serrations are partial horizontal	
	Straight and curved	
	Length 5-1/2" (14 cm)	
KELLY	7-36 through 7-38	Kelly Clamp
	Serrations are partial horizontal	
	Straight and curved	
	Length 5-1/2" (14 cm)	
CRILE	7-42 through 7-52	Crile Clamp
	Serrations are full horizontal	
	Straight and curved	
	Length 5-1/2" (14 cm) or 6-1/4" (15.9 cm)	
KOCHER	7-66 through 7-68	Kocher Clamp
	Serrations are full horizontal	
	Straight and curved, tips are 1 x 2 teeth	
	Length 5-1/2" (14 cm)	
RANKIN	7-92 through 7-94	Rankin-Kelly Clamp
	Serrations are partial horizontal	
	Straight and curved	
	Length 6-1/4" (15.9 cm)	
ROCHESTER-PEAN	7-118 through 7-148	Pean-Mayo/Mayo-Pean Clamp
	Serrations are full horizontal	
	Straight and curved (used to hold tissue flaps)	
	Length 5-1/2" (14 cm) - 12" (30.5 cm)	
ROCHESTER-OCHSNER	7-150 through 7-167	Ochsner Mayo-Ochsner Clamp
	Serrations are full horizontal	
	Straight and curved, tips are 1 x 2 teeth (used to hold tissue & bone)	
	Length 6-1/4" (15.9 cm) - 10" (25.4 cm)	
ROCHESTER-CARMALT	7-170 through 7-182	Carmalt-Mayo/Carmalt Clamp
	Serrations are longitudinal	
	Straight and curved (used to hold or crush sections of tissue)	
	Length 6-1/4" (15.9 cm) or 8" (20.3 cm)	

Hemostatic Forceps, Mosquito

REF	Description	Type	Length
7-2	HALSTED Mosquito Forceps	straight	5" (12.7 cm)
7-4	HALSTED Mosquito Forceps	curved	5" (12.7 cm)
18-1934	HALSTED Mosquito Forceps	straight, non-magnetic	5" (12.7 cm)
18-1936	HALSTED Mosquito Forceps	curved, non-magnetic	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)
17-2600	JACOBSON Micro Mosquito Forceps	straight, extremely delicate	5" (12.7 cm)
17-2602	JACOBSON Micro Mosquito Forceps	curved, extremely delicate	5" (12.7 cm)
7-11	PACKER Mosquito Forceps	straight, flat jaws	5" (12.7 cm)
7-12	PACKER Mosquito Forceps	curved, flat jaws	5" (12.7 cm)



7-4

7-2



18-1936

18-1934



7-10

7-8



17-2602

17-2600



7-12

7-11

Hemostatic Forceps, Mosquito

REF	Description	Teeth	Type	Length
7-14	HALSTED Mosquito Forceps	1 x 2	straight	5″ (12.7 cm)
7-16	HALSTED Mosquito Forceps	1 x 2	curved	5″ (12.7 cm)
7-20	HALSTED Mosquito Forceps	-	jaws angled 45° on flat, extra delicate	4-1/2″ (11.4 cm)
7-24	HARTMAN Mosquito Forceps	-	straight	3-1/2″ (8.9 cm)
7-26	HARTMAN Mosquito Forceps	-	curved	3-1/2″ (8.9 cm)
7-24A	HARTMAN LEE Mosquito Forceps	-	straight jaws, shanks angled on flat	3-1/2″ (8.9 cm)
7-250	MOSQUITO Hemostatic Forceps	-	straight, delicate	8-1/4″ (21 cm)
7-252	MOSQUITO Hemostatic Forceps	-	curved, delicate	8-1/4″ (21 cm)
7-254	MOSQUITO Hemostatic Forceps	-	right angle, delicate	7-3/4″ (19.7 cm)



7-16

7-14



7-20



7-26

7-24



7-24A



7-250



7-254

7-252

Hemostatic Forceps

REF	Description	Teeth	Type	Length
7-30	PROVIDENCE HOSPITAL Forceps	-	straight	5-1/2" (14 cm)
7-32	PROVIDENCE HOSPITAL Forceps	-	curved	5-1/2" (14 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)
7-46	CRILE Forceps	-	straight	6-1/4" (15.9 cm)
7-48	CRILE Forceps	-	curved	6-1/4" (15.9 cm)
7-50	Baby CRILE Forceps	-	extra delicate, straight	5-1/2" (14 cm)
7-52	Baby CRILE Forceps	-	extra delicate, curved	5-1/2" (14 cm)
7-70	Baby OCHSNER Forceps	1 x 2	extra delicate, straight	5-1/2" (14 cm)
7-72	Baby OCHSNER Forceps	1 x 2	extra delicate, curved	5-1/2" (14 cm)



7-32

7-30



7-38

7-36



7-44

7-42



7-48

7-46



7-52

7-50



7-72

7-70

Hemostatic Forceps

REF	Description	Teeth	Type	Length
7-60	LAHEY Forceps	-	straight	5-1/2″ (14 cm)
7-62	LAHEY Forceps	-	curved	5-1/2″ (14 cm)
7-82	JONES Forceps	-	straight	5″ (12.7 cm)
7-84	JONES Forceps	-	curved	5″ (12.7 cm)
7-90	COLLIER Forceps	-	delicate, straight	6-1/4″ (15.9 cm)
7-91	COLLIER Forceps	-	delicate, curved	6-1/4″ (15.9 cm)
7-92	RANKIN Forceps	-	straight	6-1/4″ (15.9 cm)
7-94	RANKIN Forceps	-	curved	6-1/4″ (15.9 cm)
7-98	LOVELACE Forceps	1 x 2	straight, cross-serrations	6-1/4″ (15.9 cm)
7-102	DANDY Forceps	-	curved sideways	5-1/2″ (14 cm)
7-106	PRATT T-Shape Forceps	-	-	6″ (15.2 cm)



7-62

7-60



7-84

7-82



7-91

7-90



7-94

7-92



7-98



7-102



7-106

Hemostatic Forceps

REF	Description	Teeth	Type	Length
30-1700	HEANEY Hysterectomy Forceps	-	heavy pattern, single tooth, curved	8-1/4" (21 cm)
30-1710	HEANEY Hysterectomy Forceps	-	heavy pattern, double tooth, curved	8-1/4" (21 cm)
30-1715	HEANEY Hysterectomy Forceps	-	extra heavy pattern, double tooth, curved	9-1/4" (23.5 cm)
30-1716	HEANEY-BALLENTINE Hysterectomy Forceps	-	longitudinal serrations, single tooth, curved	8-1/2" (21.6 cm)
30-1718	BALLENTINE Hysterectomy Forceps	-	longitudinal serrations, single tooth, straight	8-1/2" (21.6 cm)
30-1720	GARLAND Hysterectomy Forceps	-	longitudinal serrations, single tooth, angled on flat	8-1/2" (21.6 cm)
30-1730	LONG Hysterectomy Forceps	1 x 2	longitudinal serrations, curved	7-1/2" (19.1 cm)
30-1735	PHANEUF Uterine Artery Forceps	1 x 2	horizontal serrated jaws, straight	8" (20.3 cm)
30-1740	PHANEUF Uterine Artery Forceps	1 x 2	horizontal serrated jaws, angled on flat	8" (20.3 cm)



30-1710 30-1715

30-1700



30-1716

30-1718



30-1720



30-1730



30-1740

30-1735

Hemostatic Forceps

REF	Description	Type	Length
29-280	WERTHIEM Pedicle Clamp	curved jaws, 2" (5.1 mm) long	9-3/4" (24.8 cm)
29-282	WERTHEIM-CULLEN Pedicle Clamp	right angle jaws, 2" (5.1 cm) long	8-1/2" (21.6 cm)
7-200	MIXTER Forceps	fully curved	6-1/4" (15.9 cm)
7-202	MIXTER Forceps	fully curved	7-1/4" (18.4 cm)
7-206	MIXTER Forceps	fully curved	9" (22.9 cm)
25-812	MIXTER Thoracic Forceps	90° angle jaws, longitudinal serrations	9" (22.9 cm)
25-814	MIXTER Thoracic Forceps	90° angle jaws, longitudinal serrations	11" (27.9 cm)
25-821	MILTEX Artery & Undermining Forceps	delicate, lightweight, fine, serrated 45 mm jaws	11" (27.9 cm)
25-834	BRIDGE Deep Surgery Forceps	straight, very delicate	11" (27.9 cm)
25-835	BRIDGE Deep Surgery Forceps	curved, very delicate	11" (27.9 cm)



29-280



29-282



7-200 to 7-206



25-814

25-812



25-821



21-835

25-834

Hemostatic Forceps

REF	Description	Type	Length
7-210	Baby MIXTER Forceps	fully curved, extra delicate	5-1/4" (13.3 cm)
7-210A	MIXTER Forceps LEE Modified	curved jaws, angled shank, delicate	5-1/4" (13.3 cm)
25-836	KANTROWITZ Thoracic Forceps	delicate right angle jaws	7-1/2" (19.1 cm)
25-837	KANTROWITZ Thoracic Forceps	delicate right angle jaws	9-1/2" (24.1 cm)
25-838	KANTROWITZ Thoracic Forceps	delicate right angle jaws	11" (27.9 cm)
25-840	FINOCHIETTO Thoracic Forceps	slightly curved jaws	9" (22.9 cm)
25-848	FINOCHIETTO Thoracic Forceps & Ligature Carrier	90° jaws with longitudinal serrations & suture holes at tip	9-1/2" (24.1cm)



7-210



7-210A



25-836 to 25-838



25-840



25-848

Hemostatic Forceps

REF	Description	Type	Length
14-46	LOWER Gall Duct Forceps	-	7″ (17.8 cm)
14-48	LAHEY Gall Duct Forceps	-	7-1/2″ (19.1 cm)
14-49	LAHEY Gall Duct Forceps	-	9″ (22.9 cm)
14-50	MOYNIHAN Gall Duct Forceps	-	8-1/2″ (21.6 cm)
14-51	GREEN Cystic Duct Forceps	delicate	8-1/2″ (21.6 cm)
14-52	JOHN HOPKINS Gall Bladder Forceps	-	8″ (20.3 cm)
14-56	GRAY Cystic Duct Forceps	serrated, set of 2	9″ (22.9 cm)
14-62	SHALLCROSS Cystic Duct Forceps	-	7″ (17.8 cm)



14-48 14-49

14-46



14-50



14-51



14-52



14-56



14-62

Hemostatic Forceps

REF	Description	Type	Length
22-660	SCHNIDT Tonsil Hemostatic Forceps	slight curve, one open ring	7-1/2" (19.1 cm)
22-662	SCHNIDT Tonsil Hemostatic Forceps	slight curve, closed rings	7-1/2" (19.1 cm)
22-666	SAWTELL Tonsil Hemostatic Forceps	full curve, one open ring	7-1/2" (19.1 cm)
22-668	SAWTELL Tonsil Hemostatic Forceps	full curve, closed rings	7-1/2" (19.1 cm)
7-220	PENNINGTON Tissue Grasping Forceps	triangular jaws	6" (15.2 cm)
14-66	LOVELACE Gall Bladder Forceps	angular, 1" (25 cm) wide jaws	7-1/4" (18.4 cm)



22-660



22-662



22-666



22-668



7-220



14-66

Hemostatic Forceps

REF	Description	Type	Length
7-230	BAINBRIDGE Forceps	straight, longitudinal serrations, cross tip serrations	6″ (15.2 cm)
7-232	BAINBRIDGE Forceps	curved, longitudinal serrations, cross tip serrations	6″ (15.2 cm)
7-234	BAINBRIDGE Forceps	straight, longitudinal serrations, cross tip serrations	7-1/4″ (18.4 cm)
7-236	BAINBRIDGE Forceps	curved, longitudinal serrations, cross tip serrations	7-1/4″ (18.4 cm)
7-240	ADSON Forceps	straight	7-1/4″ (18.4 cm)
7-242	ADSON Forceps	curved	7-1/4″ (18.4 cm)
17-2603	JACOBSON Hemostatic Forceps	curved, extremely delicate	7″ (17.8 cm)



7-232

7-230



7-236

7-234



7-242

7-240



17-2603

Hemostatic Forceps

REF	Description	Type	Length
16-3	Baby ALLIS Tissue Forceps	4 X 5 teeth, extra delicate jaws 2.5 mm wide	5" (12.7 cm)
16-4	Baby ALLIS Tissue Forceps	4 X 5 teeth, delicate jaws 4 mm wide	5-1/2" (14 cm)
16-6	ALLIS Tissue Forceps	4 X 5 teeth	6" (15.2 cm)
16-42	Baby BABCOCK Intestinal Forceps	delicate jaws 6 mm wide	5-1/2" (14 cm)
16-44	BABCOCK Intestinal Forceps	9 mm wide jaws	6-1/4" (15.9 cm)
16-46	BABCOCK Intestinal Forceps	10 mm wide jaws	8-1/4" (21 cm)
16-48	BABCOCK Intestinal Forceps	15 mm wide jaws	9-1/2" (24.1 cm)
16-99	DENNIS Anastomosis Clamp	longitudinal serrations	9" (22.9 cm)
16-100	ALLEN Intestinal Forceps	longitudinal serrations with 1 x 2 teeth	8" (20.3 cm)
16-102	Baby ALLEN Intestinal Clamp	delicate, longitudinal serrations with 1 x 2 teeth	6-1/2" (16.5 cm)
16-108	Baby DOYEN Intestinal Forceps	straight, flexible blades with diagonal serrations	6-3/4" (17.1 cm)
16-110	Baby DOYEN Intestinal Forceps	curved, flexible blades with diagonal serrations	6-3/4" (17.1 cm)
16-130	MAYO-ROBSON Intestinal Forceps	straight, longitudinal serrations	10" (25.4 cm)
16-132	MAYO-ROBSON Intestinal Forceps	curved, longitudinal serrations	9-1/2" (24.1 cm)



16-3
16-4



16-6



16-42 to
16-48



16-99



16-100



16-102



16-110

16-108



16-132

16-130

Hemostatic Forceps

REF	Description	Type	Length
16-140	SCUDDER Intestinal Forceps	straight, solid smooth blades	9-1/2" (24.1 cm)
16-160	DOYEN Intestinal Forceps	straight, flexible blades with longitudinal serrations	9" (22.9 cm)
16-162	DOYEN Intestinal Forceps	curved, flexible blades with longitudinal serrations	9" (22.9 cm)
7-255	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	5-1/2" (14 cm)
7-256	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	7" (17.8 cm)
7-257	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	8" (20.3 cm)
7-258	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	9" (22.9 cm)
7-259	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	11" (27.9 cm)
25-780	RUMEL Thoracic Forceps	slight curve, 2-3/8" (6.1 cm) long jaws	9" (22.9 cm)
25-782	RUMEL Thoracic Forceps	medium curve, 2-3/8" (6.1 cm) long jaws	9" (22.9 cm)
25-784	RUMEL Thoracic Forceps	full curve, 2-3/8" (6.1 cm) long jaws	9" (22.9 cm)
25-786	RUMEL Thoracic Forceps	angular, 2-3/8" (6.1 cm) long jaws	9" (22.9 cm)



16-140



16-160

16-162



7-255 to 7-259

7-255

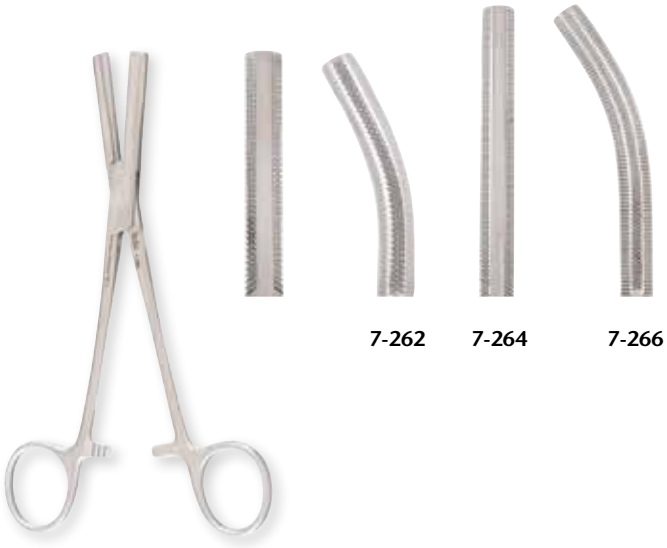


25-780

25-780 25-782 25-784 25-786

Hemostatic Forceps

REF	Description	Teeth	Type	Length
7-260	FERGUSON Angiotribe Hemostatic Forceps	-	straight	6-1/2" (16.5 cm)
7-262	FERGUSON Angiotribe Hemostatic Forceps	-	curved	6-1/2" (16.5 cm)
7-264	FERGUSON Angiotribe Hemostatic Forceps	-	straight	7-1/2" (19.1 cm)
7-266	FERGUSON Angiotribe Hemostatic Forceps	-	curved	7-1/2" (19.1 cm)
25-800	SAROT Intra-Thoracic Artery Forceps	-	with 2-1/2" (6.4 cm) long jaws	10" (25.4 cm)
30-1025	JACOBS Uterine Vulsellum Forceps	2 x 2	straight, serrated jaws	8-1/2" (21.6 cm)
30-1030	JACOBS Uterine Vulsellum Forceps	2 x 2	curved sideways, serrated jaws	8-1/2" (21.6 cm)
30-1050-6	MUSEUX Uterine Vulsellum Forceps	2 x 2	straight, 6 mm jaws	9-1/2" (24.1 cm)
30-1050-8	MUSEUX Uterine Vulsellum Forceps	2 x 2	straight, 8 mm jaws	9-1/2" (24.1 cm)
30-1050-10	MUSEUX Uterine Vulsellum Forceps	2 x 2	straight, 10 mm jaws	9-1/2" (24.1 cm)



7-262 7-264 7-266

7-260



25-800



30-1030



30-1050-8 30-1050-10

30-1025

30-1050-6

Hemostatic Forceps

REF	Description	Teeth	Type	Length
7-66	KOCHER Forceps	1 x 2	straight	5-1/2" (14 cm)
7-68	KOCHER Forceps	1 x 2	curved	5-1/2" (14 cm)
7-190	MICULICZ Peritoneal Forceps	1 x 2	slight curve	8" (20.3 cm)
16-120	KOCHER Intestinal Forceps	-	straight, longitudinal serrations	10-1/2" (26.7 cm)
16-122	KOCHER Intestinal Forceps	-	curved, longitudinal serrations	10-1/2" (26.7 cm)
24-1000	GLOVER Patent Ductus Forceps	-	straight, 3 cm jaws	8" (20.3 cm)
24-1002	GLOVER Patent Ductus Forceps	-	angular, 3 cm jaws	8" (20.3 cm)



7-68

7-66



7-190



16-122

16-120



24-1000



24-1002

ROCHESTER-PEAN Hemostatic Forceps

REF	Description	Type	Length
7-110	Baby PEAN Forceps	straight, extra delicate	5-1/2″ (14 cm)
7-112	Baby PEAN Forceps	curved, extra delicate	5-1/2″ (14 cm)
7-118	ROCHESTER-PEAN Forceps	straight	5-1/2″ (14 cm)
7-120	ROCHESTER-PEAN Forceps	straight	6-1/4″ (15.9 cm)
7-122	ROCHESTER-PEAN Forceps	straight	7-1/4″ (18.4 cm)
7-124	ROCHESTER-PEAN Forceps	straight	8″ (20.3 cm)
7-126	ROCHESTER-PEAN Forceps	straight	8-3/4″ (22.2 cm)
7-128	ROCHESTER-PEAN Forceps	straight	10-1/4″ (26 cm)
7-130	ROCHESTER-PEAN Forceps	straight	12″ (30.5 cm)
7-136	ROCHESTER-PEAN Forceps	curved	5-1/2″ (14 cm)
7-138	ROCHESTER-PEAN Forceps	curved	6-1/4″ (15.9 cm)
7-140	ROCHESTER-PEAN Forceps	curved	7-1/4″ (18.4 cm)
7-142	ROCHESTER-PEAN Forceps	curved	8″ (20.3 cm)
7-144	ROCHESTER-PEAN Forceps	curved	8-3/4″ (22.2 cm)
7-146	ROCHESTER-PEAN Forceps	curved	10-1/4″ (26 cm)
7-148	ROCHESTER-PEAN Forceps	curved	12″ (30.5 cm)
30-1805	PEAN Hysterectomy Forceps	curved, longitudinal serrations	8-3/4″ (22.2 cm)
30-1815	PEAN Hysterectomy Forceps	curved, longitudinal serrations	10-1/4″ (26 cm)

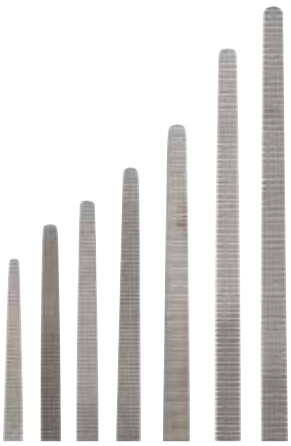


7-112

7-110



7-130



7-118 to 7-130



7-136 to 7-148

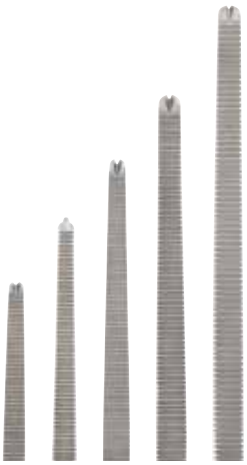


30-1815

30-1805

Hemostatic Forceps

REF	Description	Teeth	Type	Length
7-150	ROCHESTER-OCHSNER Forceps	1 x 2	straight	6-1/4″ (15.9 cm)
7-152	ROCHESTER-OCHSNER Forceps	1 x 2	straight	7-1/4″ (18.4 cm)
7-154	ROCHESTER-OCHSNER Forceps	1 x 2	straight	8″ (20.3 cm)
7-156	ROCHESTER-OCHSNER Forceps	1 x 2	straight	9″ (22.9 cm)
7-157	ROCHESTER-OCHSNER Forceps	1 x 2	straight	10″ (25.4 cm)
7-160	ROCHESTER OCHSNER Forceps	1 x 2	curved	6-1/4″ (15.9 cm)
7-162	ROCHESTER-OCHSNER Forceps	1 x 2	curved	7-1/4″ (18.4 cm)
7-164	ROCHESTER-OCHSNER Forceps	1 x 2	curved	8″ (20.3 cm)
7-166	ROCHESTER-OCHSNER Forceps	1 x 2	curved	9″ (22.9 cm)
7-167	ROCHESTER-OCHSNER Forceps	1 x 2	curved	10″ (25.4 cm)
7-170	ROCHESTER-CARMALT Forceps	-	straight	6-1/4″ (15.9 cm)
7-172	ROCHESTER-CARMALT Forceps	-	curved	6-1/4″ (15.9 cm)
7-180	ROCHESTER-CARMALT Forceps	-	straight	8″ (20.3 cm)
7-182	ROCHESTER-CARMALT Forceps	-	curved	8″ (20.3 cm)



7-150 to 7-157



7-160 to 7-167



7-157



7-172
7-182

7-170
7-180

Hemostatic Clamps

REF	Description	Type	Length
7-280	JOHN HOPKINS Bulldog Clamp	straight	1-1/2″ (3.8 cm)
7-282	JOHN HOPKINS Bulldog Clamp	straight	2″ (5.1 cm)
7-284	JOHN HOPKINS Bulldog Clamp	straight	2-1/2″ (6.4 cm)
7-286	JOHN HOPKINS Bulldog Clamp	straight	3″ (7.6 cm)
7-290	JOHN HOPKINS Bulldog Clamp	curved	1-1/2″ (3.8 cm)
7-292	JOHN HOPKINS Bulldog Clamp	curved	2″ (5.1 cm)
7-294	JOHN HOPKINS Bulldog Clamp	curved	2-1/2″ (6.4 cm)
7-296	JOHN HOPKINS Bulldog Clamp	curved	3″ (7.6 cm)
7-298	JOHN HOPKINS Bulldog Clamp	curved	3-1/2″ (8.9 cm)
7-300	DIEFFENBACH Serrefine	straight	2-1/4″ (5.7 cm)
7-302	DIEFFENBACH Serrefine	curved	2-1/4″ (5.7 cm)
7-304	DIEFFENBACH Serrefine	straight	1-1/2″ (3.8 cm)
7-305	DIEFFENBACH Serrefine	curved	1-1/2″ (3.8 cm)
7-310	DIETHRICH Micro Bulldog Clamp	straight jaws 8 mm x 1.2 mm	1-7/8″ (4.7 cm)
7-315	DIETHRICH Micro Bulldog Clamp	angled jaws 8 mm x 1.2 mm	1-3/4″ (4.4 cm)


7-280


7-282


7-284


7-286


7-290


7-292


7-294


7-296
7-298


7-300


7-302


7-304


7-305


7-310


7-315

Towel Clamps & Forceps

TOWEL CLAMPS and FORCEPS are designed to secure toweling and operating room drapes to the skin during surgical procedures. Towel forceps are available in perforating and non-perforating types.

REF	Description	Type	Length
7-500	JONES Towel Clamp	standard size	3-1/2" (8.9 cm)
7-501	JONES Towel Clamp	lightweight	2-1/4" (5.7 cm)
7-504	BACKHAUS Towel Clamp	-	3-1/2" (8.9 cm)
7-506	BACKHAUS Towel Clamp	-	5-1/4" (13.3 cm)
7-510	ROEDER Towel Clamp	with Ball Stops	5-1/4" (13.3 cm)
7-514	LORNA Non-Perforating Towel Forceps	-	3-1/2" (8.9 cm)
7-515	LORNA Non-Perforating Towel Forceps	-	5-1/4" (13.3 cm)



7-500



7-501



7-504
7-506



7-510



7-514
7-515

Sponge Forceps

REF	Description	Type	Length
7-600	FOERSTER Sponge Forceps	straight, serrated jaws	9-1/2″ (24.1 cm)
7-602	FOERSTER Sponge Forceps	straight, smooth jaws	9-1/2″ (24.1 cm)
7-604	FOERSTER Sponge Forceps	straight, serrated jaws	7″ (17.8 cm)
7-606	FOERSTER Sponge Forceps	straight, smooth jaws	7″ (17.8 cm)
7-610	FOERSTER Sponge Forceps	curved, serrated jaws	9-1/2″ (24.1 cm)
7-612	FOERSTER Sponge Forceps	curved, smooth jaws	9-1/2″ (24.1 cm)
7-614	FOERSTER Sponge Forceps	curved, serrated jaws	7″ (17.8 cm)
7-616	FOERSTER Sponge Forceps	curved, smooth jaws	7″ (17.8 cm)
30-2505	KELLY Sponge or Placenta Forceps	serrated ring jaws, slightly curved	12-1/2″ (31.8 cm)



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

7-600



30-2505

Sponge Forceps

REF	Description	Type	Length
7-620	BOZEMAN Sponge Forceps	straight	10-1/4" (26 cm)
7-622	BOZEMAN Sponge Forceps	double curved	10-1/4" (26 cm)
7-624	BOZEMAN Sponge Forceps	double curved, one large ring	10-1/4" (26 cm)
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



7-622



7-624



7-632

7-630

MILTEX® NEEDLE HOLDERS

Premium Needle Holders 106-114

Ceram-A-Grip® Needle Holders 115-116

Standard Needle Holders 117-123

Microsurgical Needle Holders 124-126



ANATOMY OF A MILTEX® NEEDLE HOLDER

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



Carb-N-Sert® (Tungsten Carbide Type)
Carb-N-Sert® jaws are made of tungsten carbide bonded to needle holders of the finest quality stainless steel.

Jaws are custom crafted with very fine teeth and are appropriate to the size of the instrument and the sizes of needles and sutures. Needle holder patterns are also available with smooth Carb-N-Sert® jaws, designed to hold the smallest suture in microsurgical and plastic surgery procedures.

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

TEETH
Teeth are precision milled into the tungsten carbide, forming sharp pyramid-shapes and providing a positive non-slip surface.

BOX LOCK
The box lock has a distinct non-catch bevel which prevents fraying of suture material.

LASER ETCHING
Miltex© needle holders are laser etched with our logo and catalog number for easy re-ordering.

SATIN FINISH
Each instrument is satin finished to reduce glare.

RING HANDLES
Well rounded and polished handles provide a more comfortable grip.

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

Please see our reference section for recommended suture sizes

CARB-N-SERT® Needle Holders

Miltex® Tungsten Carbide Needle Holders ensure a firm grip on needles and suture as well as an extended service life over that of standard stainless steel.

REF	Description	Type	Teeth Per Sq. Inch	Tip	Length
8-3TC	PAR Needle Holder	delicate, serrated	16000	Carb-N-Sert	4-1/2" (11.4 cm)
8-5TC	PAR Needle Holder	delicate, serrated	16000	Carb-N-Sert	5" (12.7 cm)
8-4TC	DERF Needle Holder	serrated	4000	Carb-N-Sert	4-3/4" (12.1 cm)
8-6TC	WEBSTER Needle Holder	delicate, smooth	-	Carb-N-Sert	5-1/4" (13.3 cm)
8-7TC	WEBSTER Needle Holder	extra delicate, smooth	-	Carb-N-Sert	4-3/4" (12.1 cm)
8-7A-TC	WEBSTER (JOHNSON) Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	4-3/4" (12.1 cm)
8-8TC	HALSEY Needle Holder	smooth	-	Carb-N-Sert	5" (12.7 cm)
8-8A-TC	HALSEY Needle Holder	serrated	4000	Carb-N-Sert	5" (12.7 cm)



8-3TC
8-5TC



8-4TC



8-6TC



8-7TC
8-7A-TC



8-8TC
8-8A-TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Tip	Length
8-14TC	OLSEN-HEGAR Needle Holder w/ suture scissors	serrated	4000	Carb-N-Sert	4-3/4″ (12.1 cm)
8-14A-TC	OLSEN-HEGAR Needle Holder w/ suture scissors	smooth	-	Carb-N-Sert	4-3/4″ (12.1 cm)
8-15TC	OLSEN-HEGAR Needle Holder w/ suture scissors	serrated	2600	Carb-N-Sert	5-1/2″ (14 cm)
8-16TC	OLSEN-HEGAR Needle Holder w/ suture scissors	serrated	2600	Carb-N-Sert	6-1/2″ (16.5 cm)
8-17TC	OLSEN-HEGAR Needle Holder w/ suture scissors	serrated	2600	Carb-N-Sert	7-1/2″ (19.1 cm)
8-28TC	MATHIEU Needle Holder	serrated	2600	Carb-N-Sert	5-1/2″ (14 cm)
8-30TC	MATHIEU Needle Holder	serrated	2600	Carb-N-Sert	6-1/4″ (15.9 cm)
8-40TC	BAUMGARTNER Needle Holder	serrated	4000	Carb-N-Sert	5-1/2″ (14 cm)



8-14TC
8-14A-TC



8-15TC
8-16TC
8-17TC



8-28TC



8-30TC



8-40TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Type	Length
8-42TC	MAYO-HEGAR Needle Holder	serrated	2600	Carb-N-Sert	5″ (12.7 cm)
8-44TC	MAYO-HEGAR Needle Holder	serrated	2600	Carb-N-Sert	6-1/4″ (15.9 cm)
8-46TC	MAYO-HEGAR Needle Holder	serrated	2600	Carb-N-Sert	7-1/4″ (18.4 cm)
8-48TC	MAYO-HEGAR Needle Holder	serrated	2600	Carb-N-Sert	8″ (20.3 cm)
8-130TC	MAYO-HEGAR (MASSON) Needle Holder	serrated	2600	Carb-N-Sert	10-1/2″ (26.7 cm)
8-49TC	MAYO-HEGAR Needle Holder	serrated	2600	Carb-N-Sert	12″ (30.5 cm)
8-50TC	CRILE-WOOD Needle Holder	serrated	4000	Carb-N-Sert	6″ (15.2 cm)
8-50A-TC	CRILE-WOOD Needle Holder	smooth	-	Carb-N-Sert	6″ (15.2 cm)



8-42TC to 8-48TC



8-130TC 8-49TC



8-50TC 8-50A-TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Type	Length
8-51TC	CRILE-WOOD (DeBakey) Needle Holder	serrated	4000	Carb-N-Sert	7″ (17.8 cm)
8-52TC	CRILE-WOOD (DeBakey) Needle Holder	serrated	2600	Carb-N-Sert	8″ (20.3 cm)
8-53TC	CRILE-WOOD (DeBakey) Needle Holder	serrated	2600	Carb-N-Sert	9″ (22.9 cm)
8-55TC	CRILE-WOOD (DeBakey) Needle Holder	serrated	2600	Carb-N-Sert	10-1/2″ (26.7 cm)
8-57TC	CRILE-WOOD (DeBakey) Needle Holder	serrated	2600	Carb-N-Sert	12″ (30.5 cm)
8-62TC	COOLEY Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	6″ (15.2 cm)
8-63TC	COOLEY Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	6-3/4″ (17.1 cm)
8-65TC	RYDER -Type Intracardiac Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	5″ (12.7 cm)
8-66TC	RYDER -Type Intracardiac Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	6″ (15.2 cm)
8-67TC	RYDER -Type Intracardiac Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	7″ (17.8 cm)
8-69TC	RYDER -Type Intracardiac Needle Holder	extra delicate, serrated	4000	Carb-N-Sert	9″ (22.9 cm)
8-81TC	NEW ORLEANS Needle Holder	serrated	2600	Carb-N-Sert	7″ (17.8 cm)



8-51TC to 8-57TC



8-62TC
8-63TC



8-65TC to
8-69TC



8-81TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Tip	Length
8-82TC	JULIAN Pattern Needle Holder	serrated	2600	Carb-N-Sert	8-1/4" (21 cm)
8-83TC	JULIAN Pattern Needle Holder	serrated, curved	2600	Carb-N-Sert	8-1/4" (21 cm)
8-96TC	SAROT Needle Holder	serrated	2600	Carb-N-Sert	7-1/4" (18.4 cm)
8-114TC	SAROT Needle Holder	serrated	2600	Carb-N-Sert	10-1/2" (26.7 cm)
8-100TC	HEANY Needle Holder	serrated, curved	2600	Carb-N-Sert	8-1/2" (21.6 cm)
8-102TC	STRATTE Needle Holder	serrated, curved	2600	Carb-N-Sert	9" (22.9 cm)
22-500TC	Wire Twister	serrated	-	Carb-N-Sert	6" (15.2 cm)
22-502TC	Wire Twister	serrated	-	Carb-N-Sert	8" (20.3 cm)



8-82TC
8-83TC



8-96TC
8-114TC



8-100TC



8-102TC



22-500TC
22-502TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Tip	Length
29-310TC	BIHRLE Needle Holder/Clamp	serrated & smooth	-	Carb-N-Sert	11″ (27.9 cm)
8-101TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	5″ (12.7 cm)
8-103TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	6″ (15.2 cm)
8-104TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	7″ (17.8 cm)
8-105TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	8″ (20.3 cm)
8-106TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	9″ (22.9 cm)
8-107TC	RYDER Needle Holder	serrated	4000	Carb-N-Sert	10-1/4″ (26 cm)
8-134TC	WANGENSTEEN Needle Holder	serrated	2600	Carb-N-Sert	10-3/4″ (27.3 cm)
18-1816TC	MILTEX-CASTROVIEJO Needle Holder	delicate, with lock, smooth	-	Carb-N-Sert	4-3/4″ (12.1 cm)



29-310TC



8-101TC to 8-107TC



8-134TC



18-1816TC

CARB-N-SERT® Needle Holders

REF	Description	Type	Teeth P. Sq. Inch	Tip	Length
18-1828TC	CASTROVIEJO Needle Holder	with lock, smooth, straight	-	Carb-N-Sert	5-1/2″ (14 cm)
18-1828A-TC	CASTROVIEJO Needle Holder	with lock, serrated, straight	16000	Carb-N-Sert	5-1/2″ (14 cm)
18-1832TC	CASTROVIEJO Needle Holder	with lock, smooth, curved	-	Carb-N-Sert	5-1/2″ (14 cm)
18-1832A-TC	CASTROVIEJO Needle Holder	with lock, serrated, curved	16000	Carb-N-Sert	5-1/2″ (14 cm)
17-1090TC	JACOBSON Microvascular Needle Holder	with lock, serrated, straight	16000	Carb-N-Sert	7″ (17.8 cm)
17-1091TC	JACOBSON Microvascular Needle Holder	with lock, serrated, curved	16000	Carb-N-Sert	7″ (17.8 cm)
17-1092TC	JACOBSON Microvascular Needle Holder	with lock, serrated, straight	16000	Carb-N-Sert	8-1/2″ (21.6 cm)



18-1828TC
18-1828A-TC



18-1832TC
18-1832A-TC

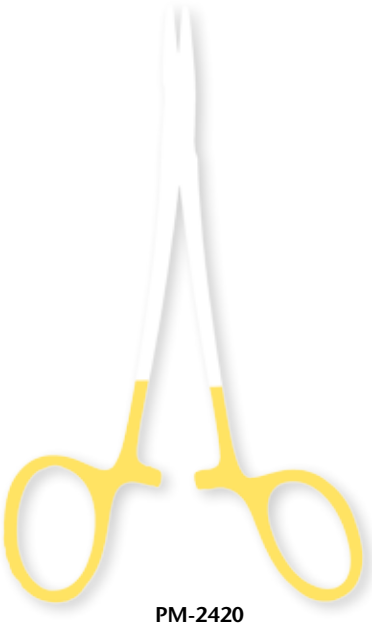


17-1090TC to
17-1092TC

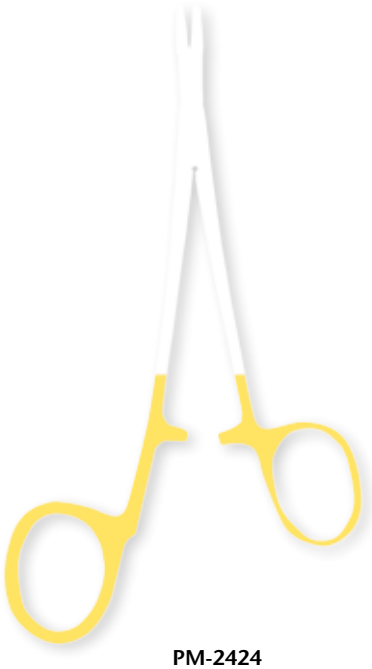
CARB-N-SERT® Needle Holders

REF	Description	Type	Tip	Length
PM-2420	NEIVERT Needle Holder	one angled ring, serrated	Carb-N-Sert	5″ (12.7 cm)
PM-2424	PARKHOUSE Needle Holder/Scissors	offset ring, serrated	Carb-N-Sert	5-1/2″ (14 cm)
PM-2425	GILLIES Needle Holder	curved, serrated	Carb-N-Sert	6-1/4″ (15.9 cm)
PM-2426	Swedish Needle Holder	serrated, light handles	Carb-N-Sert	6″ (15.2 cm)

PADGETT INSTRUMENTS® By Miltex



PM-2420



PM-2424

PM-2425

PM-2426

CARB-N-SERT® Needle Holders, Quick-Release

The special quick-release ratchet is offered on our most popular patterns. The offset ratchet design provides ease of use for the clinician's grip and for suturing techniques. Also suitable for the left handed user.

REF	Description	Type	Teeth Per Sq. Inch	Tip	Length
8-706TC	WEBSTER Quick-Release Needle Holder	smooth	-	Carb-N-Sert	5″ (12.7 cm)
8-744TC	MAYO-HEGAR Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	6″ (15.2 cm)
8-746TC	MAYO-HEGAR Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	7″ (17.8 cm)
8-748TC	MAYO-HEGAR Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	8″ (20.3 cm)
8-750TC	CRILE-WOOD Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	6″ (15.2 cm)
8-751TC	CRILE-WOOD Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	7″ (17.8 cm)
8-752TC	CRILE-WOOD Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	8″ (20.3 cm)
8-753TC	CRILE-WOOD Quick-Release Needle Holder	serrated	2600	Carb-N-Sert	9″ (22.9 cm)



8-706TC



8-744TC to 8-748TC



8-750TC to 8-753TC

CERAM-A-GRIP® Needle Holders

CERAM-A-GRIP® Needle Holders have fusion bonded jaws with a durable ceramic material.

CERAM-A-GRIP® Needle Holders have dark green handles for easy identification.

REF	Description	Type	Length
8-4CG	DERF Needle Holder	CERAM-A-GRIP coated jaws	4-3/4" (21.1 cm)
8-6CG	WEBSTER Needle Holder	delicate, standard pattern, smooth CERAM-A-GRIP coated jaws	5" (12.7 cm)
8-7CG	WEBSTER Needle Holder	extra delicate, smooth CERAM-A-GRIP coated jaws	4-3/4" (12.1 cm)
8-8CG	HALSEY Needle Holder	smooth CERAM-A-GRIP coated jaws	5" (12.7 cm)
8-15CG	OLSEN-HEGAR Needle Holder	CERAM-A-GRIP jaws with Suture Scissors	5-1/2" (14 cm)
8-16CG	OLSEN-HEGAR Needle Holder	CERAM-A-GRIP jaws with Suture Scissors	6-1/2" (16.5 cm)

Exclusive ceramic material is fusion bonded to the needle holder's jaws (8-16CG detail shown).





8-4CG



8-6CG
8-7CG



8-8CG



8-15CG to 8-16CG

CERAM-A-GRIP® Needle Holders

REF	Description	Type	Length
8-40CG	BAUMGARTNER Needle Holder	CERAM-A-GRIP coated jaws	5-1/2″ (14 cm)
8-42CG	MAYO-HEGAR Needle Holder	CERAM-A-GRIP coated jaws	5″ (12.7 cm)
8-44CG	MAYO-HEGAR Needle Holder	CERAM-A-GRIP coated jaws	6-1/4″ (15.9 cm)
8-46CG	MAYO-HEGAR Needle Holder	CERAM-A-GRIP coated jaws	7-1/4″ (18.4 cm)
8-48CG	MAYO-HEGAR Needle Holder	CERAM-A-GRIP coated jaws	8″ (20.3 cm)
8-50CG	CRILE-WOOD Needle Holder	CERAM-A-GRIP coated jaws	6″ (15.2 cm)
8-51CG	CRILE-WOOD Needle Holder	CERAM-A-GRIP coated jaws	7″ (17.8 cm)
8-52CG	CRILE-WOOD Needle Holder	CERAM-A-GRIP coated jaws	8″ (20.3 cm)



8-40CG



8-42CG to 8-48CG



8-50CG to 8-52CG

Needle Holders

REF	Description	Type	Length
8-2	COLLIER Needle Holder	fenestrated jaws	5″ (12.7 cm)
8-4	DERF Needle Holder	serrated	4-3/4″ (12.1 cm)
8-6	WEBSTER Needle Holder	delicate, smooth jaws, standard pattern	5″ (12.7 cm)
8-7	WEBSTER Needle Holder	extra delicate, smooth jaws, standard pattern	4-3/4″ (12.1 cm)
8-8	HALSEY Needle Holder	smooth jaws	5″ (12.7 cm)
8D-36	HALSEY Needle Holder	serrated jaws	5″ (12.7 cm)



8-2



8-4



8-6
8-7



8-8



8D-36

Needle Holders

REF	Description	Type	Length
8-10	ABBEY Needle Holder	-	5″ (12.7 cm)
8-12	NEIVERT Needle Holder	one offset ring	5″ (12.7 cm)
8-14	OLSEN-HEGAR Needle Holder with Suture Scissors	extra delicate pattern, serrated jaws	4-3/4″ (12.1 cm)
8-14A	OLSEN-HEGAR Needle Holder with Suture Scissors	extra delicate pattern, smooth jaws	4-3/4″ (12.1 cm)
8-15	OLSEN-HEGAR Needle Holder with Suture Scissors	serrated jaws	5-1/2″ (14 cm)
8-16	OLSEN-HEGAR Needle Holder with Suture Scissors	serrated jaws	6-1/2″ (16.5 cm)
8-17	OLSEN-HEGAR Needle Holder with Suture Scissors	serrated jaws	7-1/4″ (18.4 cm)
8-20	CONVERSE Needle Holder	longitudinal serrations, large finger rings	4-1/4″ (10.8 cm)



8-10



8-12



8-14A

8-14



8-15 to 8-17



8-20

Needle Holders

REF	Description	Type	Length
8-22	BROWN Needle Holder	convex jaws, fine serrations	5-1/4″ (13.3 cm)
8-23	BROWN Needle Holder	convex jaws, fine serrations	6-3/4″ (17.1 cm)
8-26	BOYNTON Needle Holder	delicate	5″ (12.7 cm)
8-28	MATHIEU Needle Holder	with spring handles	5-1/2″ (14 cm)
8-30	MATHIEU Needle Holder	with spring handles	6-1/4″ (15.9 cm)
8-32	MATHIEU Needle Holder	with spring handles	7-1/2″ (19.1 cm)
8-40	BAUMGARTNER Needle Holder	-	5-1/2″ (14 cm)



8-22
8-23



8-26



8-28



8-30 to 8-32



8-40

Needle Holders

REF	Description	Type	Length
8-42	MAYO-HEGAR Needle Holder	-	5″ (12.7 cm)
8-44	MAYO-HEGAR Needle Holder	-	6-1/4″ (15.9 cm)
8-46	MAYO-HEGAR Needle Holder	-	7-1/4″ (18.4 cm)
8-48	MAYO-HEGAR Needle Holder	-	8″ (20.3 cm)
8-130	MAYO-HEGAR (MASSON) Needle Holder	-	10-1/2″ (26.7 cm)
8-50	CRILE-WOOD Needle Holder	-	6″ (15.2 cm)
8-51	CRILE-WOOD Needle Holder	-	7″ (17.8 cm)
8-52	CRILE-WOOD Needle Holder	-	8″ (20.3 cm)
8-53	CRILE-WOOD Needle Holder	-	9″ (22.9 cm)
8-58	GILLIES-SHEEHAN Needle Holder with Suture Scissors	straight, one fenestrated jaw & one angled finger ring	6-1/2″ (16.5 cm)
8-59	GILLIES-SHEEHAN Needle Holder with Suture Scissors	curved, one fenestrated jaw & one angled finger ring	6 1/2″ (16.5 cm)



8-42 to 8-48



8-130



8-50 to 8-53



8-58
8-59

Needle Holders

REF	Description	Type	Length
8-70	ADSON Needle Holder	fenestrated jaws	7-1/4" (18.4 cm)
8-74	METZENBAUM Needle Holder	straight, fenestrated jaws	7-1/4" (18.4 cm)
8-76	METZENBAUM Needle Holder	curved, fenestrated jaws	7-1/4" (18.4 cm)
8-80	NEW ORLEANS Needle Holder	-	7" (17.8 cm)
8-84	M.G.H. Needle Holder	-	7" (17.8 cm)
8-94	CRILE Needle Holder	-	6" (15.2 cm)



8-70



8-76

8-74



8-80



8-84



8-94

Needle Holders

REF	Description	Type	Length
8-96	SAROT Needle Holder	light model	7-1/8″ (18.1 cm)
8-114	SAROT Needle Holder	-	10-1/2″ (26.7 cm)
8-100	HEANEY Needle Holder	curved jaws	8-1/2″ (21.6 cm)
8-102	STRATTE Needle Holder	double curved jaws & bent shanks	9″ (22.9 cm)



8-114

8-96



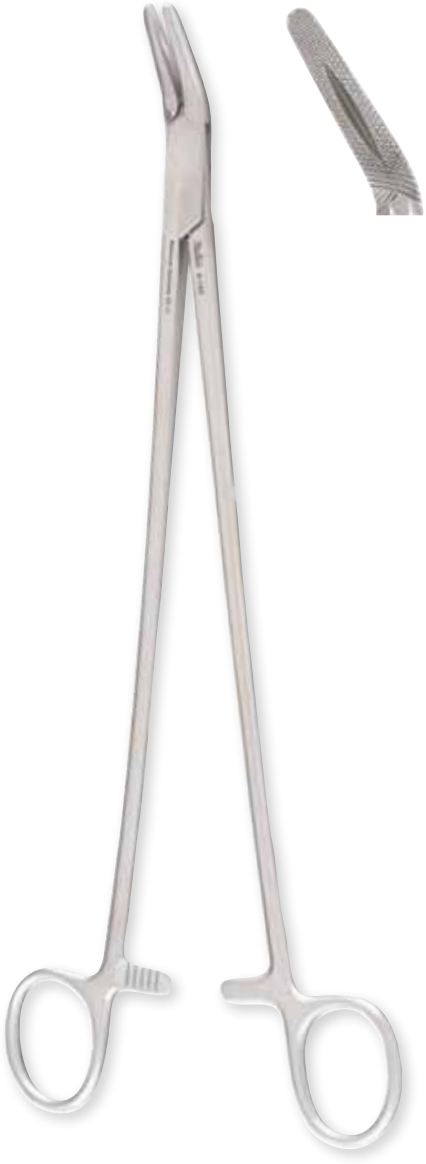
8-100



8-102

Needle Holders

REF	Description	Type	Length
8-122	FINOCHIETTO Needle Holder	angled jaws	10-1/2″ (26.7 cm)
8-134	WANGENSTEEN Needle Holder	long jaws	10-3/4″ (27.3 cm)
8-136	WANGENSTEEN Needle Holder	short jaws	10-1/2″ (26.7 cm)



8-122



8-134

8-136

Microsurgical Needle Holders

REF	Description	Type	Length
17-1000	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws	5-1/4" (13.3 cm)
17-980	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, straight jaws	7-1/8" (18.1 cm)
17-1010	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws	7-1/8" (18.1 cm)
17-1020	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws, with lock	5-1/4" (13.3 cm)
17-1024	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, straight jaws, with lock	7-1/8" (18.1 cm)
17-1025	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws, with lock	7-1/8" (18.1 cm)



17-1000



17-1010

17-980



17-1020



17-1025

17-1024

Microsurgical Needle Holders

REF	Description	Type	Length
18-1800	KALT Needle Holder	convex jaws, fine serrations	5-1/4″ (13.3 cm)
18-1810	GREEN Needle Holder & Suturing Forceps	convex jaws, fine serrations	6-3/4″ (17.1 cm)
18-1820	CASTROVIEJO Needle Holder, smooth	straight without lock	5-1/2″ (14 cm)
18-1824	CASTROVIEJO Needle Holder, smooth	curved without lock	5-1/2″ (14 cm)
18-1828	CASTROVIEJO Needle Holder, smooth	straight with lock	5-1/2″ (14 cm)
18-1832	CASTROVIEJO Needle Holder, smooth	curved with lock	5-1/2″ (14 cm)
18-1831	CASTROVIEJO Needle Holder, smooth	straight, extra delicate jaws, with lock	5-1/2″ (14 cm)
18-1833	CASTROVIEJO Needle Holder, smooth	curved, extra delicate jaws, with lock	5-1/2″ (14 cm)



18-1800



18-1810



18-1824



18-1820



18-1832



18-1828



18-1833



18-1831

Microsurgical Needle Holders

REF	Description	Type	Length
18-1834	PATTON Needle Holder	straight without lock	4-1/2″ (11.4 cm)
18-1837	McPHERSON Microsurgery Needle Holder	curved smooth tapered jaws with lock	4″ (10.2 cm)
18-1838	BARRAQUER Needle Holder	curved, without lock, 10 mm wide hollow handles	5″ (12.7 cm)
18-1839	BARRAQUER Needle Holder	curved, with lock, 10 mm wide hollow handles	5″ (12.7 cm)
18-1840	BARRAQUER Needle Holder	curved, 8 mm wide solid round handle without lock	5-1/8″ (13 cm)
18-1864	MCPHERSON Needle Holder	very delicate jaws, straight without lock	4 1/2″″ (11.4 cm)
18-1865	MCPHERSON Needle Holder	very delicate jaws, curved, without lock	4 1/2″″ (11.4 cm)
18-1866	MCPHERSON Needle Holder	very delicate jaws, straight with lock	4 1/2″″ (11.4 cm)
18-1867	MCPHERSON Needle Holder	very delicate jaws, curved, with lock	4 1/2″″ (11.4 cm)



18-1834



18-1837



18-1838
18-1839



18-1840

MILTEX® SUTURING

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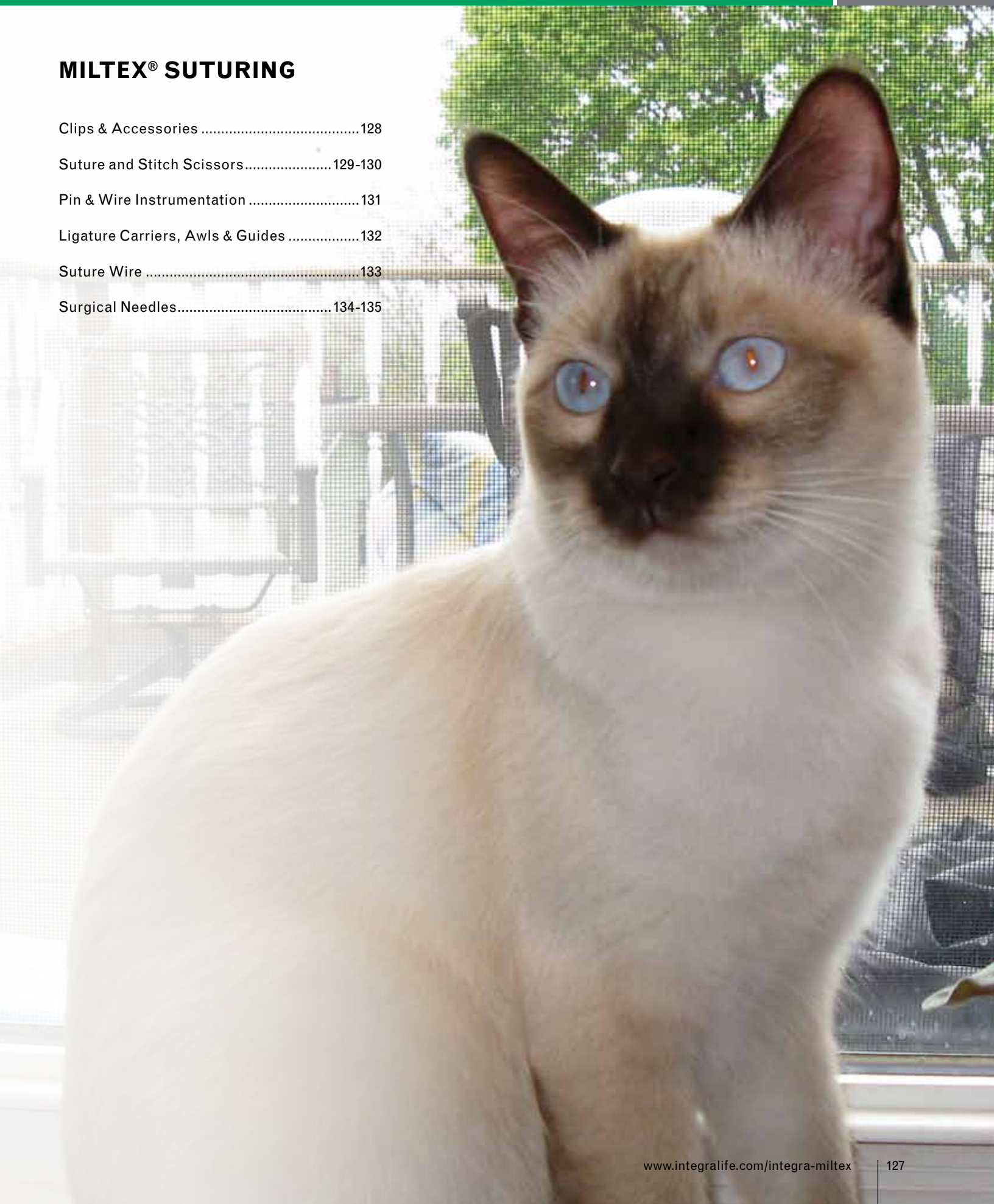
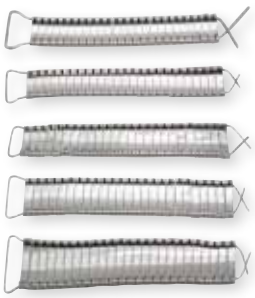


Clips & Accessories

REF	Description	Type	Length
9-1	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	7.5 mm
9-2	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	11 mm
9-4	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	14 mm
9-6	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	16 mm
9-8	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	18 mm
9-10	MICHEL Wound Clips	stainless steel, 100/envelope, 1000/box	22 mm
9-32	MCKENZIE Brain Clip Holding Rack	for 20 Clips	-
9-50	MICHEL Clip Applying Forceps	-	4-3/4" (12.1 cm)
9-52	HEGENBARTH Clip Applying Forceps	cross action	4-3/4" (12.1 cm)
9-54	WACHENFELD Applying - Removing Forceps	cross action	4-3/4" (12.1 cm)
9-60	MICHEL Clip Applying - Removing Forceps	double ended	5" (12.7 cm)
9-62	MILTEX Skin Staple Removing Forceps	-	5-1/2" (14 cm)
9-90	SCOVILLE Clip Applying Forceps	6" shaft	6" (15.2 cm)
9-94	RICHTER-HEATH Clip Removing Forceps	-	5-1/2" (14 cm)



9-1 to 9-10



9-32



9-50



9-52



9-54



9-60



9-62



9-90



9-94

Suture Scissors

REF	Description	Type	Length
9-96	HEATH Suture Scissors	serrated blade	6-1/8" (15.4 cm)
9-98	NEW'S Suture Scissors	angled on flat	5-1/2" (14 cm)
18-1652	Eye Suture (GRADLE) Scissors	slightly curved, sharp	3-3/4" (9.5 cm)
18-1653*	Eye Suture Scissors	slightly curved, ribbon type, sharp	4" (10.2 cm)
21-536	LITTLER Suture Carrying Scissors	curved with suture hole in blades	4-5/8" (11.8 cm)
PM-6770**	LASCHAL Suture Scissors/Forceps	straight	4-1/2" (11.4 cm)
PM-6780**	LASCHAL Suture Cutter	straight	6" (15.2 cm)

**Ribbon type scissors have extra large finger rings*

** PADGETT INSTRUMENTS® By Miltex



9-96



9-98



18-1652



18-1653



21-536



PM-6770



PM-6780

Stitch Scissors

REF	Description	Type	Length
9-100	SPENCER Stitch Scissors	delicate	3-1/2" (8.9 cm)
PM-6751**	SPENCER Stitch Scissors	curved on flat	3-1/2" (8.9 cm)
9-101	SHORTBENT Stitch Scissors	curved, delicate	3-1/2" (8.9 cm)
9-102	LITTAUER JR. Stitch Scissors	light pattern	4-1/2" (11.4 cm)
9-103	NORTHBENT Stitch Scissors	curved, light pattern	4-3/4" (12.1 cm)
9-104	LITTAUER Stitch Scissors	standard pattern	5-1/2" (14 cm)
9-106	LONG Oral Surgery Stitch Scissors	-	6" (15.2 cm)
9-108	MILTEX Stitch Scissors	angled, delicate	4-1/2" (11.4 cm)
9-110	O'BRIEN Stitch Scissors	angled, sharp points	3-3/4" (9.5 cm)
9-115*	REEH Stitch Scissors	ribbon type, sharp tips, small hook on 1 blade	3-3/4" (9.5 cm)
18-1486	WESTCOTT Stitch Scissors	curved, sharp point	4-1/2" (11.4 cm)

**Ribbon type scissors have extra large finger rings*

** PADGETT INSTRUMENTS® By Miltex®



9-100

PM-6751



9-101



9-102



9-103



9-104



9-106



9-108



9-110



9-115



18-1486

Pin & Wire Instrumentation

REF	Description	Type	Length
9-120	MILTEX Wire Cutting Scissors	straight, one serrated blade	4-3/4" (12.1 cm)
9D-121	MILTEX Wire Cutting Scissors	straight	4-3/4" (12.1 cm)
9-122	MILTEX Wire Cutting Scissors	curved, one serrated blade	4-3/4" (12.1 cm)
9D-123	MILTEX Wire Cutting Scissors	curved	4-3/4" (12.1 cm)
9D-132	MILTEX Wire Cutting Scissors	straight, one serrated blade	4-1/4" (10.8 cm)
9D-133	MILTEX Wire Cutting Scissors	straight	4-1/4" (10.8 cm)
9D-134	MILTEX Wire Cutting Scissors	curved, one serrated blade	4-1/4" (10.8 cm)
9D-135	MILTEX Wire Cutting Scissors	curved	4-1/4" (10.8 cm)
9-124	MILTEX Wire Cutting Scissors	angled to side, one serrated blade	4-3/4" (12.1 cm)
9-124TC	MILTEX Wire Cutting Scissors	angled to side, one serrated blade, Carb-N-Sert inserts	4-3/4" (12.1 cm)
9-128	Double Action Parallel Pliers & Wire Cutter	nickel plated	4-1/2" (11.4 cm)
22-500TC	Wire Twister	with blunt delicate Carb-N-Sert jaws	6" (15.2 cm)
22-502TC	Wire Twister	with blunt delicate Carb-N-Sert jaws	8" (20.3 cm)
27-176TC	MILTEX Pin Puller	Carb-N-Sert serrated top jaw (1 cm in length) grooved cross-serrated opposing jaw (1 cm in length)	5-1/2" (14 cm)
PM-2123*	CORWIN Wire Twister	tungsten carbide, serrated	6" (15.2 cm)

* PADGETT INSTRUMENTS By Miltex



9-122
9D-123



9D-134
9D-135

9-120
9D-121

9D-132
9D-133



9-124
9-124TC



9-128



22-500TC
22-502TC



27-176TC

PM-2123

Ligature Carriers, Awls & Guides

REF	Description	Type	Length
9-140	DESCHAMPS Ligature Carrier	blunt, left	8″ (20.3 cm)
9-142	DESCHAMPS Ligature Carrier	blunt, right	8″ (20.3 cm)
9-146	DESCHAMPS Ligature Carrier	sharp, left	8″ (20.3 cm)
9-148	DESCHAMPS Ligature Carrier	sharp, right	8″ (20.3 cm)
9-154	DUPUYS-WEISS Ligature Carrier	right	8-1/2″ (21.6 cm)
9-156	DUPUYS-WEISS Ligature Carrier	left	8-1/2″ (21.6 cm)
21-900	OBWEGESER Mandibular Awl for Wire Suturing	slightly curved	5-1/2″ (14 cm)
21-901	OBWEGESER Maxillary Awl for Wire Suturing	strong curve	7″ (17.8 cm)
21-902	OBWEGESER Zygomatic Arch Awl for Wire Suturing	sightly curved	9″ (22.9 cm)
27-110	Bone Wire Guide	U.S. pattern	8-3/4″ (22.2 cm)



9-140 9-142 9-146 9-148 9-154 9-156 21-900 21-901 21-902 27-110

Needle Rack & Stainless Steel Suture Wire

REF	Description	Gauge	Diameter	Length of spool
3-50	Sterilizer Spiral Rack for Surgical Needles	-	-	-
				1 oz.(28 g) spool
9-40-18	BABCOCK Stainless Steel Suture Wire	18	.040″ (1 mm)	13 ft.
9-40-20	BABCOCK Stainless Steel Suture Wire	20	.032″ (.8 mm)	20 ft.
9-40-22	BABCOCK Stainless Steel Suture Wire	22	.025″ (.6 mm)	30 ft.
9-40-24	BABCOCK Stainless Steel Suture Wire	24	.020″ (.5 mm)	45 ft.
9-40-25	BABCOCK Stainless Steel Suture Wire	25	.018″ (.45 mm)	54 ft.
9-40-26	BABCOCK Stainless Steel Suture Wire	26	.016″ (.4 mm)	72 ft.
9-40-28	BABCOCK Stainless Steel Suture Wire	28	.012″ (.3 mm)	125 ft.
9-40-30	BABCOCK Stainless Steel Suture Wire	30	.010″ (.25 mm)	180 ft.
9-40-32	BABCOCK Stainless Steel Suture Wire	32	.008″ (.2 mm)	295 ft.
9-40-34	BABCOCK Stainless Steel Suture Wire	34	.006″ (.15 mm)	500 ft.
9-40-36	BABCOCK Stainless Steel Suture Wire	36	.005″ (.13 mm)	750 ft.
				4 oz. (113 g) spool
9-44-18	BABCOCK Stainless Steel Suture Wire	18	.040″ (1 mm)	48 ft.
9-44-20	BABCOCK Stainless Steel Suture Wire	20	.032″ (.8 mm)	75 ft.
9-44-22	BABCOCK Stainless Steel Suture Wire	22	.025″ (.6 mm)	120 ft.
9-44-24	BABCOCK Stainless Steel Suture Wire	24	.020″ (.5 mm)	184 ft.
9-44-25	BABCOCK Stainless Steel Suture Wire	25	.018″ (.45 mm)	214 ft.
9-44-26	BABCOCK Stainless Steel Suture Wire	26	.016″ (.4 mm)	285 ft.
9-44-28	BABCOCK Stainless Steel Suture Wire	28	.012″ (.3 mm)	500 ft.
9-44-30	BABCOCK Stainless Steel Suture Wire	30	.010″ (.25 mm)	675 ft.
9-44-32	BABCOCK Stainless Steel Suture Wire	32	.008″ (.2 mm)	1200 ft.
9-44-34	BABCOCK Stainless Steel Suture Wire	34	.006″ (.15 mm)	2030 ft.



3-50



9-40-24



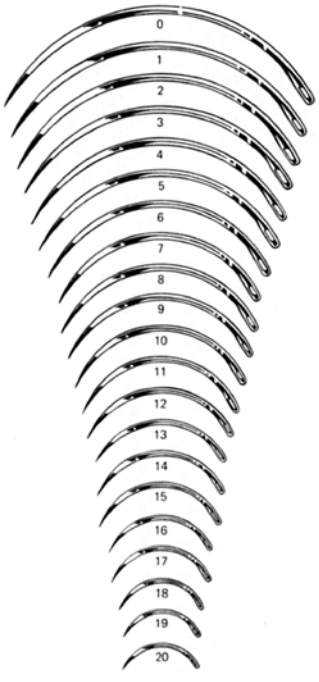
9-44-24

Surgical Needles

Cutting edge needles have one or more honed cutting surfaces and are used to cut dense strong, organized tissues like skin, cartilage, tendons and ligaments.

Taper point needles taper to a point and are used to cut less dense tissues, such as blood vessels, which might leak after piercing. The circle description denotes the curved shape of the needle which is formed in an arc of 1/2 or 3/8 of a circle.

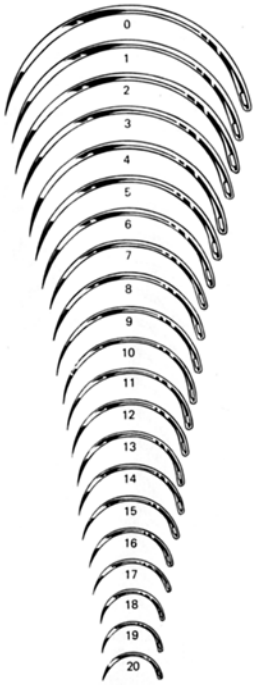
**When ordering, replace "#" symbol with the desired needle size.*
All needles have regular eyes unless otherwise noted.
Needles are not shown actual size.
Needles are packed in packages of 12.



MS-140-#
REGULAR SURGEON'S
3/8 Circle
Reverse Cutting Edge

MS-140S-#
Same as above
with Spring Eye

MS-140A-#
REGULAR SURGEON'S
3/8 Circle
Taper Point



MS-192-#
REGULAR SURGEON'S
1/2 Circle
Cutting Edge

MS-192S-#
Same as Above
with Spring Eye

MS-192A-#
REGULAR SURGEON'S
1/2 Circle
Taper Point



MS-450-#
FISTULA
1/2 Circle
Cutting Edge



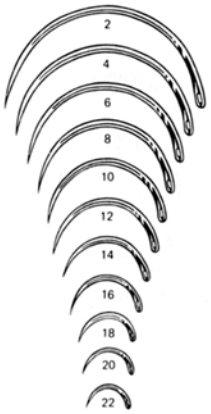
MS-141-#
REGULAR SURGEON'S
Half Curved
Cutting Edge



MS-153-#
MAYO INTESTINAL
3/8 Circle
Taper Point



MS-431-#
KEITH ABDOMINAL
Straight
Triangular Point



MS-126-#
FERGUSON
1/2 Circle
Taper Point



MS-150-#
ROUND BODIED
1/2 Circle
Taper Point



MS-179-#
MURPHY'S INTESTINAL
1/2 Circle
Taper Point



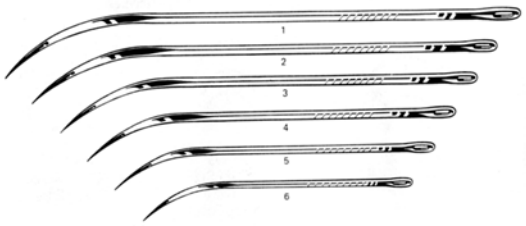
MS-117-#
MARTIN'S UTERINE
1/2 Circle
Cutting Edge

Surgical Needles

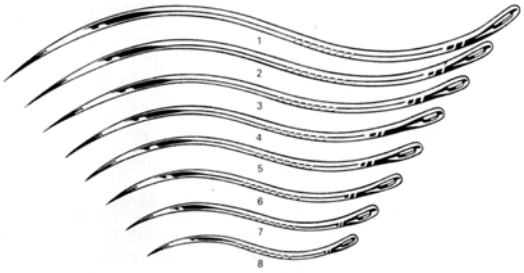
**When ordering, replace "#" symbol with the desired needle size.*
All needles have regular eyes unless otherwise noted.
Needles are not shown actual size.
Needles are packed in packages of 12.



MS-1274-#
LOOPUYT'S
Cutting Edge



MS-1291-#
POST MORTEM
Half Curved
Cutting Edge



MS-1295-#
POST MORTEM
Double Curved
Cutting Edge

Veterinary Needles



MS-1282-#
VETERINARY
1/2 Circle
Cutting Edge



MS-1281-#
VETERINARY
3/8 Circle
Cutting Edge

Eye Needles



MS-172-#
EYE NEEDLE
3/8 Circle
Cutting Edge



MS-175-#
EYE NEEDLE
1/2 Circle
Cutting Edge



MS-177
JAMESON STRABISMUS
Cutting Edge



MS-176-#
EYE NEEDLE
1/2 Circle
Taper Point

Dental Needles



MS-155-#
LANE CLEFT PALATE
3/8 Circle
Cutting Edge



MS-156-#
LANE CLEFT PALATE
1/2 Circle
Cutting Edge



MSRC-14
MSRC-18
REGULAR SURGEON'S
1/2 Circle
Reverse Cutting Edge

MILTEX® RETRACTORS

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VOLKMAN and MEYERDING Retractor 137
Hand Held Retractors 138-143
SENN Retractor 139
Ribbon Retractor 140
Langenbeck Retractor 141
HOHMANN Retractor 142
VOLKMANN Retractor 143
Self-Retaining Retractors 144-151
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WEITLANER Retractor 150
Badgley Retractor 151



Finger Held Retractors

Retractors, also called "wound spreaders," are designed for spreading incisions. There are three basic groups of retractors: Finger Held, Hand Held and Self-Retaining.

REF	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)
11-44	VOLKMAN Finger Retractor	4 sharp prongs	4-1/2" (11.4 cm)
11-45	VOLKMAN Finger Retractor	6 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)
11-48	VOLKMAN Finger Retractor	4 blunt prongs	4-1/2" (11.4 cm)
11-49	VOLKMAN Finger Retractor	6 blunt prongs	4-1/2" (11.4 cm)
11-88	MEYERDING Finger Retractor	style A, blade 1/4" (.64 cm) x 11/16" (1.7 cm)	7" (17.8 cm)
11-90	MEYERDING Finger Retractor	style B, blade 3/16"(.48 cm) x 5/8" (1.6 cm)	7" (17.8 cm)
11-92	MEYERDING Finger Retractor	style C, blade 1/8" (.32 cm) x 1/4" (.64 cm)	7" (17.8 cm)
11-94	MEYERDING Finger Retractor	style D, blade 3/32"(.24 cm) x 3/8" (1 cm)	7" (17.8 cm)
11-96	MEYERDING Finger Retractor	style E, blade 1/4" (.64 cm) x 7/8" (2.2 cm)	7" (17.8 cm)
21-107	MILLARD Thimble Hook Retractor	single sharp hook, 5/8" (1.6 cm) working length	-



11-42 to 11-49



11-88 to 11-96



21-107

Hand Held Retractors

REF	Description	Type	Length
11-30	Flexible Neck Rake Retractor	1 sharp prong	6″ (15.2 cm)
11-32	Flexible Neck Rake Retractor	2 sharp prongs	6″ (15.2 cm)
11-34	Flexible Neck Rake Retractor	3 sharp prongs	6″ (15.2 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)
18-100	KNAPP (ROLLET) Retractor	4 sharp prongs	5-1/4″ (13.3 cm)
18-102	KNAPP Retractor	4 blunt prongs	5-1/4″ (13.3 cm)
18-110	DESMARRES Retractor	size 1, 12 mm	5-1/2″ (14 cm)
18-112	DESMARRES Retractor	size 2, 14 mm	5-1/2″ (14 cm)
18-114	DESMARRES Retractor	size 3, 16 mm	5-1/2″ (14 cm)
18-116	DESMARRES Retractor	size 4, 18 mm	5-1/2″ (14 cm)
18-439	McGANNON Retractor	fenestrated blade 2.5 mm wide	5″ (12.7 cm)



11-30 to 11-34 | **11-36 to 11-40** | **11-50 to 11-60** | **18-100** | **18-102** | **18-110 to 18-116** | **18-439**

Hand Held Retractors

REF	Description	Type	Length
11-74	SENN Retractor	sharp, double end	6-3/8″ (16.2 cm)
11-76	SENN Retractor	blunt, double end	6-3/8″ (16.2 cm)
11-78	CRILE Retractor	double end 3 x 11 mm and 6 x 20 mm blades	4-1/2″ (11.4 cm)
11-80	MATHIEU Retractor	sharp, double end	6-1/2″ (16.5 cm)
11-81	MATHIEU Retractor	blunt, double end	6-1/2″ (16.5 cm)
11-82	MEYERDING Skin Hook & Retractor	double end	6-1/4″ (15.9 cm)
11-590	HIBBS Retractor	blade 1″ (2.5 cm) x 3″ (7.6 cm) deep	9-1/4″ (23.5 cm)
21-150	COTTLE Retractor	4 blunt prongs, 2 center prongs recessed	5-1/2″ (14 cm)



11-74 **11-76** **11-78** **11-80** **11-81** **11-82** **11-590** **21-150**

Hand Held Retractors

REF	Description	Type/Blade	Length
11-102	CUSHING Vein Retractor	blade 11 x 13 mm	9″ (22.9 cm)
11-110	FARABEUF Retractor	double end, set of 2	6″(15.2 cm)
11-112	Baby FARABEUF Retractor	double end, set of 2	4-3/4″ (12.1 cm)
11-114	PARKER Retractor	double end, set of 2	5″ (12.7 cm)
11-116	PARKER Retractor	double end, set of 2	7-1/4″ (18.4 cm)
11-120	GOELET Retractor	double end	7-1/2″ (19.1 cm)
11-122	U.S. ARMY Retractor	double end, set of 2	8-1/2″ (21.6 cm)
11-130	Ribbon Retractor	malleable, 3/4″ (1.9 cm)	13″ (33 cm)
11-132	Ribbon Retractor	malleable, 1″ (2.5 cm)	13″ (33 cm)
11-134	Ribbon Retractor	malleable, 1-1/4″ (3.2 cm)	13″ (33 cm)
11-136	Ribbon Retractor	malleable, 1-1/2″ (3.8 cm)	13″ (33 cm)
11-140	Ribbon Retractor	malleable, 2″ (5.1 cm)	13″ (33 cm)
11-144	Ribbon Retractor	petite, malleable, 5/8″ (1.6 cm)	8″ (20.3 cm)
11-146	Ribbon Retractor	petite, malleable, 1″ (2.5 cm)	8″ (20.3 cm)
PM-4205*	Ribbon Retractor	petite, delicate, malleable, 5/8″ (1.6 cm)	6-3/4″ (17.1 cm)
11-152	ROUX Retractor	double end, set of three	6-5/8″ (16.8 cm)
11-153	ROUX Retractor	small, 3/4″ (1.9 cm) x 1″(2.5 cm)	5-1/4″ (13.3 cm)
11-154	ROUX Retractor	medium, 7/8″ (2.2 cm) x 1-3/8″ (3.5 cm)	5-3/4″ (14.6 cm)
11-155	ROUX Retractor	large, 1″ (2.5 cm) x 1-5/8″ (4.1 cm)	6-5/8″ (16.8 cm)

*PADGETT INSTRUMENTS By Miltex



11-102

11-110
11-112

11-114
11-116

11-120

11-122

11-130 to
11-146
PM-1205

11-152

11-153 to
11-155

Hand Held Retractors

REF	Description	Type	Length
11-160	LANGENBECK Retractor	blade 3/8″ (1 cm) x 1-1/4″ (20.3 cm)	8-3/4″ (22.2 cm)
11-162	LANGENBECK Retractor	blade 3/8″ (1 cm) x 1-1/2″ (3.8 cm)	8-1/2″ (21.6 cm)
11-164	LANGENBECK Retractor	blade 1/2″ (1.3 cm) x 1-1/2″ (3.8 cm)	8-1/2″ (21.6 cm)
11-166	LANGENBECK Retractor	blade 5/8″ (1.6 cm) x 1-1/2″ (3.8 cm)	8-1/2″ (21.6 cm)
11-202	DEAVER Retractor	1″ (2.5 cm)	12″ (30.5 cm)
11-206	DEAVER Retractor	1-1/2″ (3.8 cm)	12″ (30.5 cm)
11-208	DEAVER Retractor	2″ (5.1 cm)	12″ (30.5 cm)
11-210	DEAVER Retractor	3″ (7.6 cm)	12″ (30.5 cm)
11-218	DEAVER Retractor	petite, 5/8″ (1.6 cm)	8-1/2″ (21.6 cm)
11-219	DEAVER Retractor	petite, 3/4″ (1.9 cm)	7″ (17.8 cm)
11-220	DEAVER Retractor	petite, 7/8″ (2.2 cm)	8″ (20.3 cm)
11-240	MEYERDING Retractor	large blade 3-1/2″ (8.9 cm) x 2″ (5.1 cm)	9-1/2″ (24.1 cm)
11-242	MEYERDING Retractor	medium blade 3″ (7.6 cm) x 1″ (2.5 cm)	9-1/2″ (24.1 cm)
11-244	MEYERDING Retractor	small blade 2″ (5.1 cm) x 5/8″ (1.6 cm)	9-1/2″ (24.1 cm)
11-250	RICHARDSON Retractor	hollow grip handle, 1″ (2.5 cm) x 3/4″ (1.9 cm)	9-1/2″ (24.1 cm)
11-252	RICHARDSON Retractor	hollow grip handle, 1-1/4″ (3.2 cm) x 1″ (2.5 cm)	9-1/2″ (24.1 cm)
11-254	RICHARDSON Retractor	hollow grip handle, 1-1/2″ (3.8 cm) x 1-1/2″ (2.5 cm)	9-1/2″ (24.1 cm)
11-256	RICHARDSON Retractor	hollow grip handle, 2″ (5.1 cm) x 3/4 (1.9 cm)	9-1/2″ (24.1 cm)



11-160 to 11-166



11-202 to 11-210



11-218 to 11-220



11-240 to 11-244



11-250 to 11-256

Hand Held Retractors

REF	Description	Type	Length
11-350	ISRAEL Retractor	blunt, 4 prongs, 1-3/4″ (4.4 cm) x 1-5/8″ (4.2 cm)	9-3/4″ (24.8 cm)
11-352	ISRAEL Retractor	blunt, 6 prongs, 2-3/8″ (6.0 cm) x 1-3/4″ (4.4 cm)	10″ (25.4 cm)
27-213	MINI-HOHMANN Retractor	blade 6 mm wide	6-1/4″ (15.9 cm)
27-214	MINI-HOHMANN Retractor	blade 8 mm wide	6-1/4″ (15.9 cm)
27-215	HOHMANN Retractor	blade 10 mm wide	9-1/4″ (23.5 cm)
27-216	HOHMANN Retractor	blade 18 mm wide	9-1/4″ (23.5 cm)
27-217	HOHMANN Retractor	blade 25 mm wide	9-1/4″ (23.5 cm)
27-218	HOHMANN Retractor	blade 43 mm wide	9-1/4″ (23.5 cm)
27-219	HOHMANN Retractor	blade 70 mm wide	9-3/4″ (24.8 cm)
27-224	SMILLIE Meniscus Hook Retractor	blade 3/4″ (1.9 cm) x 1-3/8″ (3.5 cm)	5-3/4″ (14.6 cm)
27-225	HAYS Hand & Finger Retractor	angled blade 1-1/2″ (3.8 cm) long, tapering width 3/8″ (1 cm) to 1/8″ (.32 cm)	6″ (15.2 cm)



11-350 **11-352** **27-213 to 27-214** **27-215 to 27-217** **27-218 to 27-219** **27-224** **27-225**

Hand Held Retractors

REF	Description	Type	Length
11-504	VOLKMAN Retractor	2 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-506	VOLKMAN Retractor	3 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-508	VOLKMAN Retractor	4 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-512	VOLKMAN Retractor	2 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-514	VOLKMAN Retractor	3 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-516	VOLKMAN Retractor	4 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-530	VOLKMAN Retractor	2 prongs, sharp, ring handle	8-1/4" (21 cm)
11-532	VOLKMAN Retractor	3 prongs, sharp, ring handle	8-1/4" (21 cm)
11-534	VOLKMAN Retractor	4 prongs, sharp, ring handle	8-1/4" (21 cm)
11-536	VOLKMAN Retractor	6 prongs, sharp, ring handle	8-1/4" (21 cm)
11-538	VOLKMAN Retractor	2 prongs, blunt, ring handle	8-1/4" (21 cm)
11-540	VOLKMAN Retractor	3 prongs, blunt, ring handle	8-1/4" (21 cm)
11-542	VOLKMAN Retractor	4 prongs, blunt, ring handle	8-1/4" (21 cm)
11-544	VOLKMAN Retractor	6 prongs, blunt, ring handle	8-1/4" (21 cm)



11-504 to 11-516



11-530 to 11-544

Self-Retaining Retractors

REF	Description	Type	Length
18-2	LANCASTER Eye Speculum	blades 15 x 5 mm	3-1/4″ (8.3 cm)
18-4	KNAPP Eye Speculum	blades 15 x 6 mm	3-1/4″ (8.3 cm)
18-10	CASTROVIEJO Eye Speculum	large blades 18 x 5 mm O.D.	4″ (10.2 cm)
18-12	CASTROVIEJO Eye Speculum	medium blades 15 x 5 mm O.D.	3-3/4″ (9.5 cm)
18-22	WILLIAMS Eye Speculum	large blades 15 x 5 mm	3-1/4″ (8.3 cm)
18-24	WILLIAMS Eye Speculum	small blades 11 x 5 mm	2-3/4″ (7 cm)
18-33	MAUMENEE-PARK Eye Speculum	solid blades 14 mm wide, with lock screws	3-1/4″ (8.3 cm)
18-34	Plain Wire Eye Speculum	blades 15 mm wide	2-1/2″ (6.4 cm)



18-2



18-4



18-10



18-22
18-24



18-33



18-34

Self-Retaining Retractors

REF	Description	Type	Length
18-35	BARRAQUER Eye Speculum	large blades 15 mm wide	1-3/4" (4.4 cm)
18-36	BARRAQUER Eye Speculum	small blades 10 mm wide	1-3/4" (4.4 cm)
18-40	FEASTER Wire Speculum	extra large solid blades	1-1/2" (3.8 cm)
18-44	TEMPORAL APPROACH Wire Speculum	spring on nasal side, open wire	1-1/2" (3.8 cm)
18-45	TEMPORAL APPROACH Wire Speculum	spring on nasal side, closed wire	1-1/2" (3.8 cm)
18-46	TEMPORAL APPROACH Wire Speculum	spring on nasal side, solid blades	1-1/2" (3.8 cm)
18-47	SAUER Eye Speculum	petite size, blades 10 mm wide	1-1/4" (3.2 cm)
18-50	MURDOCK Eye Speculum	blades 15 mm wide, chrome	2-1/4" (5.7 cm)
18-63	COOK Eye Speculum	petite size, 9 mm blades	1-7/8" (4.7 cm)
18-64	COOK Eye Speculum	small size, 11 mm blades	1-7/8" (4.7 cm)
18-66	MELLINGER Eye Speculum	solid blades 15 mm wide	2-3/4" (7 cm)
18-68	MELLINGER Eye Speculum	fenestrated bades 15 mm wide	2-3/4" (7 cm)



18-35
18-36



18-40



18-44 to
18-46



18-47



18-50



18-63
18-64



18-66
18-68

Self-Retaining Retractors

REF	Description	Type	Length
18-80	AGRICOLA Lacrimal Sac Retractor	3 x 3 pointed prongs 4 mm deep	1-1/2″ (3.8 cm)
18-84	MELLER Lacrimal Sac Retractor	3 x 3 prongs 3 mm deep, sharp-pointed prongs	2-7/8″ (7.3 cm)
18-88	GOLDSTEIN Lacrimal Sac Retractor	3 x 3 pointed prongs 5 mm deep	1-1/8″ (2.8 cm)
18-96	STEVENSON Lacrimal Sac Retractor	3 x 3 prongs, 3 mm deep	3-1/4″ (8.3 cm)
11-2	JANSEN Retractor	spread 3″ (7.6 cm), 3 x 3 blunt prongs 10 mm deep, standard model	4-1/4″ (10.8 cm)
11-4	JANSEN Retractor	spread 3″ (7.6 cm), 4 x 4 blunt prongs 20 mm deep	4-1/2″ (11.4 cm)



18-80



18-84



18-88



18-96



11-2



11-4

Self-Retaining Retractors

REF	Description	Type	Length
11-6	ALLPORT Retractor	spread 2-1/2" (6.4 cm), 4 x 4 sharp prongs	4" (10.2 cm)
11-8	JANSEN-WAGNER Retractor	5 x 5 sharp prongs, self-adjusting	5" (12.7 cm)
11-10	DAVIS Retractor	3 x 3 blunt prongs	4-1/2" (11.4 cm)
11-12	ALM Retractor	spread 2-1/4" (5.7 cm), prongs 1/8" (.32cm) 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	MILTEX Cross Action Retractor	sharp prongs	4" (10.2 cm)
11-16	MILTEX Cross Action Retractor	blunt prongs	4" (10.2 cm)
11-19	Spring Wire Retractor	blades 11 mm wide x 15 mm deep	3-1/4" (8.3 cm)



11-6



11-8



11-10



11-12
11-13



11-14
11-16



11-19

Self-Retaining Retractors

REF	Description	Type	Length
MH11-364	Mini GELPI Retractor	grip lock, mini	3-1/2″ (8.9 cm)
11-365	Petite GELPI Retractor	grip lock	5″ (12.7 cm)
11-366	GELPI Retractor	grip lock	6-3/4″ (17.1 cm)
11-368	GELPI Retractor	ball stops and grip lock	6-3/4″ (17.1 cm)
11-374	RIGBY Appendectomy Retractor	grip lock	6-3/4″ (17.1 cm)
11-400	GOSSET Retractor	1-1/8″ (2.8 cm) x 1-1/2″ (3.8 cm) blades	4″ (10.2 cm) spread
11-402	GOSSET Retractor	1-1/8″ (2.8 cm) x 2-1/2″ (6.4 cm) blades	5-1/2″ (14 cm) spread
11-404	PETITE GOSSET Retractor	3/4″ (1.9 cm) x 1″ (2.5 cm) blades, light pattern	3-1/2″ (8.9 cm) spread



MH11-364
11-365



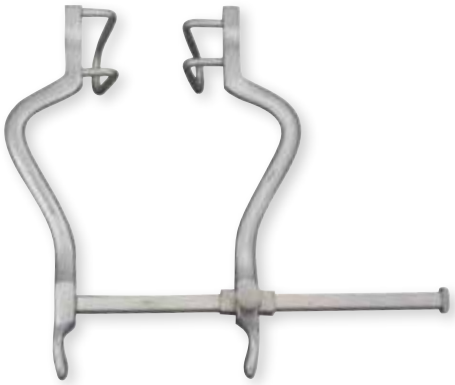
11-366



11-368



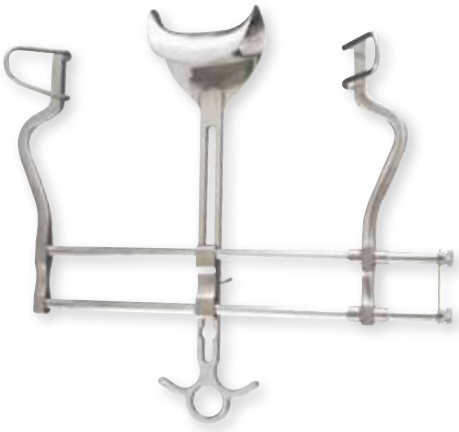
11-374



11-400 to
11-404

Self-Retaining Retractors

REF	Description	Type	Length
11-420	BALFOUR Abdominal Retractor	fenestrated side blades 2-1/2" (6.4 cm) deep & solid center blade 3" (7.6 cm) x 1-3/4" (4.4 cm) deep, standard size	7" (17.8 cm) spread
11-421	BALFOUR Abdominal Retractor	fenestrated side blades 2-1/2" (6.4 cm) deep & solid center blade 3" (7.6 cm) x 1-3/4" (4.4 cm) deep	10" (25.4 cm) spread
11-424	BALFOUR Abdominal Retractor	solid side blades 2-3/4" (7 cm) deep & solid center blade 3" (7.6 cm) x 1-3/4" (4.4 cm) deep	7" (17.8 cm) spread
11-428	BALFOUR Abdominal Retractor	fenestrated side blades 4" (10.2 cm) deep & solid center blade 2-3/4" (7 cm) x 4" (10.2 cm) deep	7" (17.8 cm) spread
11-430	Petite BALFOUR Abdominal Retractor	fenestrated side blades & solid center blade 1" (2.5 cm) deep, light pattern	4" (10.2 cm) spread
11-432	BALFOUR Abdominal Retractor	ratchet bar, 2 pair interchangeable fenestrated side blades 2-1/4" (5.7 cm) & 3-1/2" (8.9 cm) deep & 2 solid center blades 2-5/8" (6.7 cm) x 1-3/4" (4.4 cm) & 3-1/4" (8.3 cm) x 2-3/4" (7 cm) deep	7" (17.8 cm) spread
11-440	BALFOUR Center Blade	standard size 1-3/4" (4.4 cm) deep x 3" (7.6 cm) wide	11-1/4" (28.5 cm)
11-442	BALFOUR Center Blade	extra deep model, 4" (10.2 cm) deep x 2-3/4" (7 cm) wide	11-1/4" (28.5 cm)
11-444	BALFOUR Center Blade	1-3/4" (4.4 cm) deep x 2-5/8" (6.7 cm) wide	10" (25.4 cm)
11-446	BALFOUR Center Blade	2-3/4" (7 cm) deep x 3-1/4" (8.3 cm) wide	11" (27.9 cm)
11-448	BALFOUR Center Blade	5" (12.7 cm) deep, malleable x 2" (5.1 cm) wide	12" (30.4 cm)



11-420
11-421



11-424



11-428



11-430



11-432



11-440
11-444
11-446



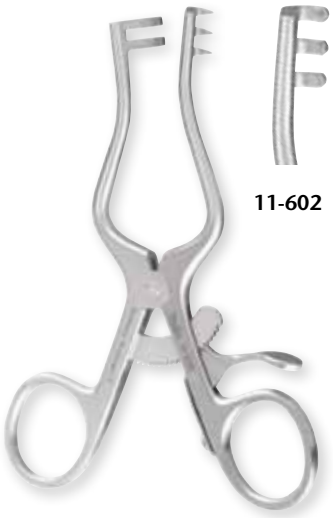
11-442



11-448

Self-Retaining Retractors

REF	Description	Type	Length
11-600	WEITLANER Retractor	sharp, 2 x 3 teeth	4-3/8" (11.1 cm)
11-602	WEITLANER Retractor	blunt, 2 x 3 teeth	4-3/8" (11.1 cm)
11-608	WEITLANER Retractor	sharp, 3 x 4 teeth	5-1/2" (14 cm)
11-610	WEITLANER Retractor	blunt, 3 x 4 teeth	5-1/2" (14 cm)
11-611	WEITLANER Retractor	solid blades	5-1/2" (14 cm)
11-614	WEITLANER Retractor	sharp, 3 x 4 teeth	6-1/2" (16.5 cm)
11-616	WEITLANER Retractor	blunt, 3 x 4 teeth	6-1/2" (16.5 cm)
11-617	WEITLANER Retractor	sharp, 3 x 4 teeth	8" (20.3 cm)
11-618	WEITLANER Retractor	blunt, 3 x 4 teeth	8" (20.3 cm)
11-620	WEITLANER Retractor	sharp, 3 x 4 teeth	9-1/2" (24.1 cm)
11-622	WEITLANER Retractor	blunt, 3 x 4 teeth	9-1/2" (24.1 cm)
11-625	PAPARELLA-WEITLANER Retractor	3.3 cm inside spread, 2 x 2 semi sharp teeth, prongs self-retaining, 13 mm long	5-7/64" (13 cm)
11-630-BL	BECKMAN-WEITLANER Retractor	blunt, 3 x 4 teeth, with hinge blades	5-1/2" (14 cm)
11-630-SH	BECKMAN-WEITLANER Retractor	sharp, 3 x 4 teeth, with hinge blades	5-1/2" (14 cm)
11-634-BL	BECKMAN-WEITLANER Retractor	blunt, 3 x 4 teeth, with hinge blades	6-1/2" (16.5 cm)
11-634-SH	BECKMAN-WEITLANER Retractor	sharp, 3 x 4 teeth, with hinge blades	6-1/2" (16.5 cm)
11-642-BL	BECKMAN-WEITLANER Retractor	blunt, 3 x 4 teeth, with hinge blades	9-1/2" (24.1 cm)
11-642-SH	BECKMAN-WEITLANER Retractor	sharp, 3 x 4 teeth, with hinge blades	9-1/2" (24.1 cm)
11-650	MEYERDING Retractor	self-retaining, 1" (2.5 cm) x 2-3/8" (6.1 cm) blades	-
11-652	MEYERDING Retractor	self-retaining, 1" (2.5 cm) x 2-1/8" (5.4 cm) blades	-
11-654	MEYERDING Retractor	self-retaining, 1" (2.5 cm) x 1-3/4" (4.4 cm) blades	-
11-656	MEYERDING Retractor	self-retaining, 3/4" (1.9 cm) x 2-3/8" (6.1 cm) blades	-



11-602

11-600



11-611

11-610
11-616
11-618
11-622

11-608

11-608
11-614
11-617
11-620



11-625



11-630-BL to 11-642-BL
11-630-SH to 11-642-SH



11-650 to
11-656

Self-Retaining Retractors

REF	Description	Type	Length
40-1235	SCHINK Metatarsal Spreader	-	4-1/2" (11.4 cm)
11-672	BADGLEY Retractor	4 x 4 blunt teeth, 2" (5.1 cm) x 1-3/4" (4.4 cm)	6-1/2" (16.5 cm) spread
11-676	TUFFIER Retractor	grooved blade 2" (5.1 cm) x 1-3/4" (4.4 cm)	6-1/2" (16.5 cm) spread



40-1235



11-672



11-676

MILTEX® HOOKS

WIENER Corneal Hook..... 153
DAY Ear Hook..... 153
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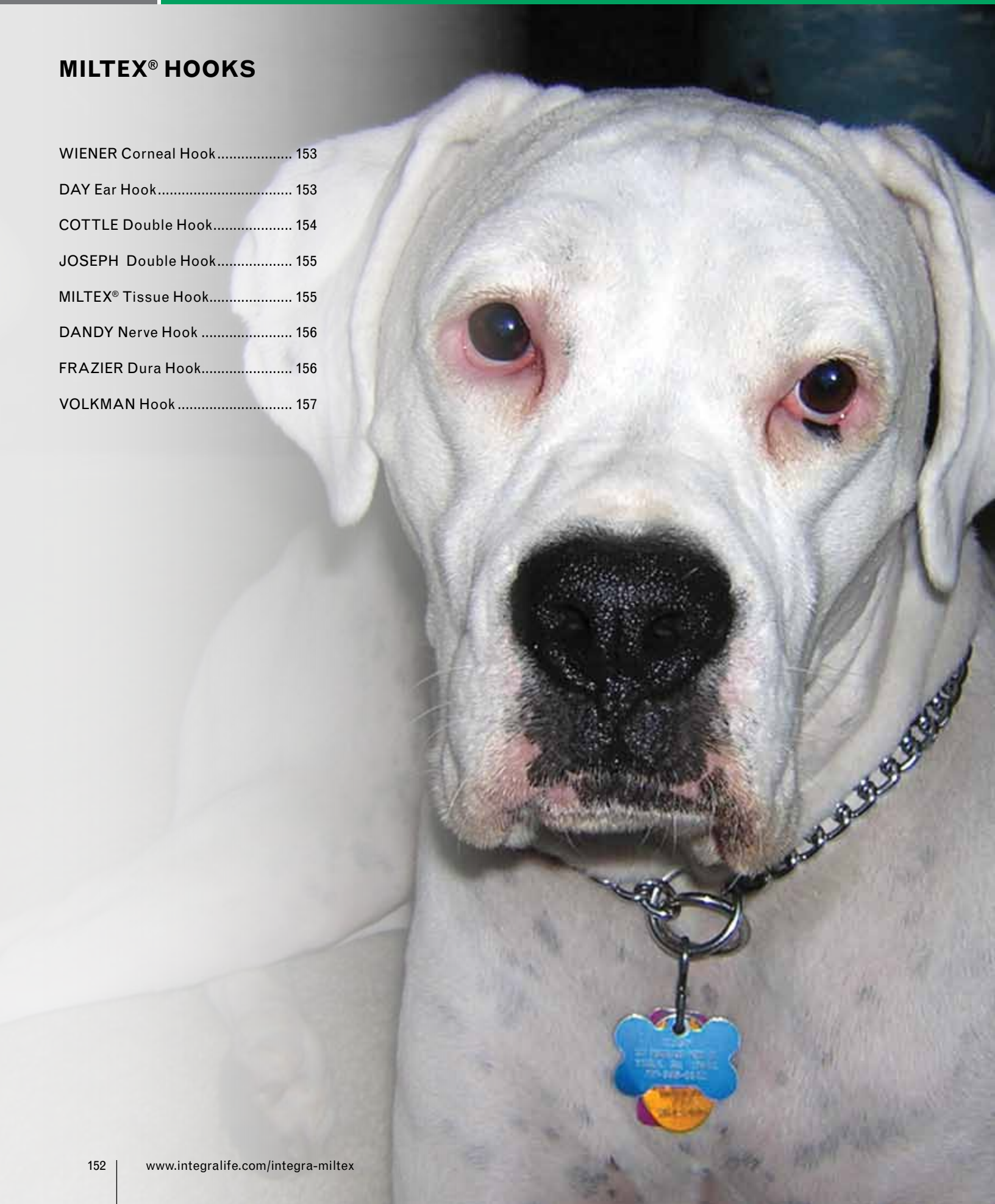
JOSEPH Double Hook..... 155
MILTEX® Tissue Hook..... 155
DANDY Nerve Hook 156
FRAZIER Dura Hook..... 156
VOLKMAN Hook 157



Hooks

REF	Description	Feature	Length
11-82	MEYERDING Skin Hook & Retractor	double end	6-1/4″ (15.9 cm)
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)
18-420	WIENER Corneal Hook	blunt	5″ (12.7 cm)
18-418	WIENER Corneal Hook	sharp	5″ (12.7 cm)
18-450	VON GRAEFE Strabismus Hook	small size 8 mm long	5-1/4″ (13.3 cm)
18-452	VON GRAEFE Strabismus Hook	medium size 10 mm long	5-1/2″ (14 cm)
18-454	VON GRAEFE Strabismus Hook	large size 11 mm long	5-3/4″ (14.6 cm)
19-220	DAY Ear Hook	small size	6-1/2″ (16.5 cm)
19-222	DAY Ear Hook	large size	6-1/2″ (16.5 cm)

Tips enlarged to show detail



11-82 **18-412** **18-414** **18-416** **18-420** **18-418** **18-450 to 18-454** **19-220** **19-222**

Hooks

REF	Description	Feature	Length
19-226	ALLPORT Mastoid Searcher	with ball tip	6-1/2″ (16.5 cm)
19-228	GROSS Ear Hook & Spoon	double end	5″ (12.7 cm)
21-88	GILLIES (CONVERSE) Skin Hook	large	7″ (17.8 cm)
21-89	GILLIES (CONVERSE) Skin Hook	small	7″ (17.8 cm)
21-102	FREER Skin Hook	sharp double prongs, 2.5 mm wide	6″ (15.2 cm)
21-103	FREER Skin Hook	blunt double prongs, 2.5 mm wide	6″ (15.2 cm)
21-144	COTTLE Double Hook	two sharp prongs, 12 mm wide	5-1/2″ (14 cm)
21-152	MILTEX Skin Hook	sharp prong, 2 mm diameter	4-3/4″ (12.1 cm)

Tips enlarged to show detail



19-226



19-228



21-89

21-88



21-103

21-102



21-144



21-152

Hooks

REF	Description	Feature	Length
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)
21-430	MILTEX Tissue Twist Hook	-	5-1/2" (14 cm)
23-1048	HUPP Hook	sharp point	6-1/2" (16.5 cm)
23-1051	NEWS Hook	single sharp prong	6" (15.2 cm)

Tips enlarged to show detail



21-153



21-156

21-154 to 21-160



21-430



23-1048



23-1051

Hooks

REF	Description	Feature	Length
26-1080	CUSHING Dura Hook	blunt	6-1/2″ (16.5 cm)
26-1084	FRAZIER Dura Hook	sharp point	5″ (12.7 cm)
26-1086	FRAZIER Dura Hook	blunt point	5″ (12.7 cm)
26-1090	ADSON Dura & Dissecting Hook	sharp blade, 5 mm hook at right angle	8″ (20.3 cm)
26-1092	ADSON Dura Hook	blunt blade, 5 mm hook at right angle	8″ (20.3 cm)
26-1150	DANDY Nerve Hook	straight	9″ (22.9 cm)
26-1156	GRAHAM Nerve Hook	blunt, 6 mm deep	6-1/2″ (16.5 cm)
26-1170	SMITHWICK Nerve Hook	blunt, 10 mm deep	7″ (17.8 cm)

Tips enlarged to show detail



26-1086

26-1092

26-1080 **26-1084** **26-1090** **26-1150** **26-1156** **26-1170**

Hooks

REF	Description	Feature	Length
11-500	VOLKMAN Hook	sharp, hollow handle	8-1/2″ (21.6 cm)
11-502	VOLKMAN Hook	sharp, ring handle	8-1/2″ (21.6 cm)
27-230	VOLKMAN Hook Retractor	sharp tip, 15 mm deep, ring handle	9″ (22.9 cm)
27-232	VOLKMAN Hook Retractor	blunt tip, 15 mm deep, ring handle	9″ (22.9 cm)
28-131	ROSSER Crypt Hook	blunt tip, ring handle	6-3/4″ (17.1 cm)

Tips enlarged to show detail



11-500



11-502



27-230



27-232



28-131

MILTEX® RASPS & BONE FILES

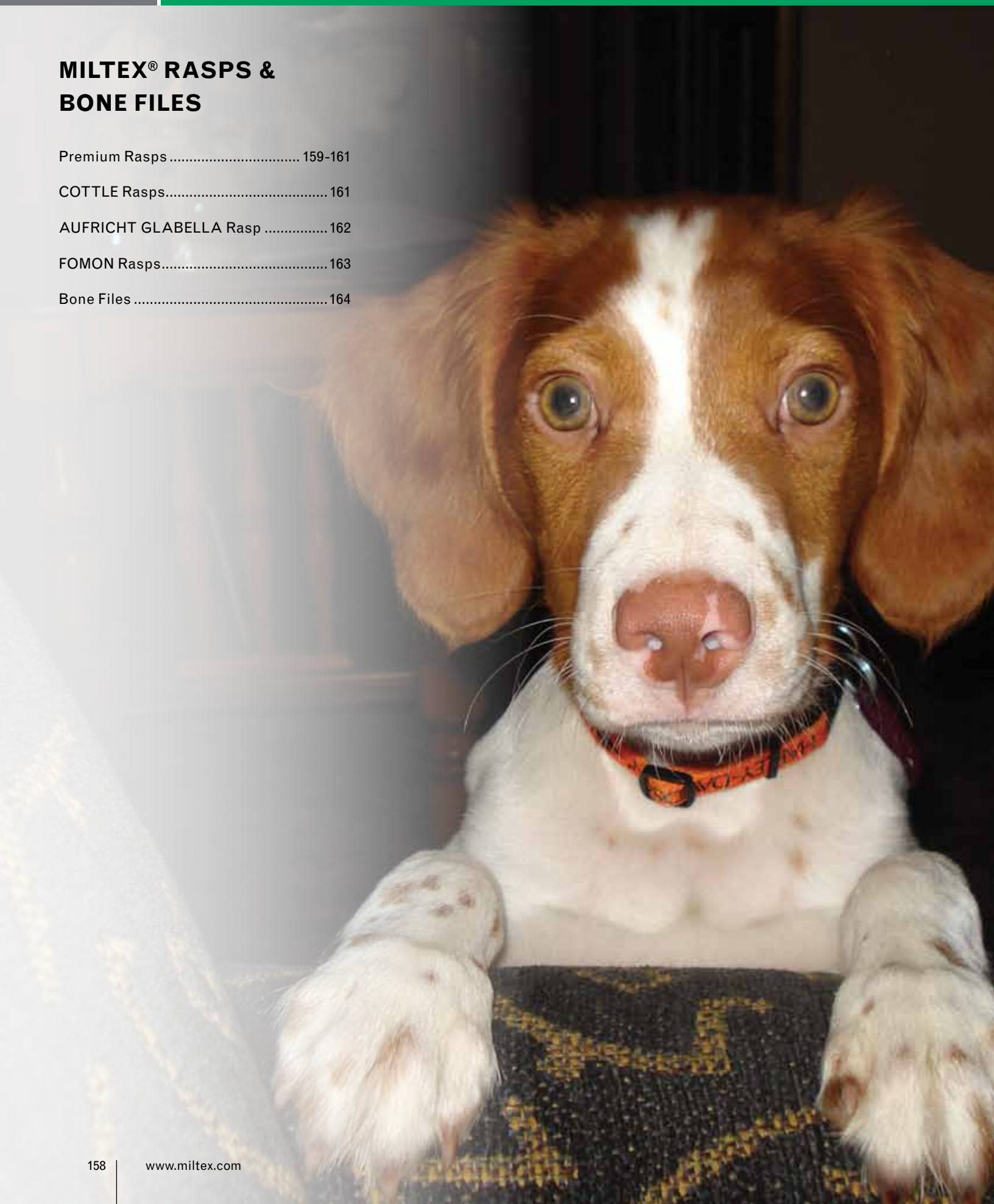
Premium Rasps 159-161

COTTLE Rasps..... 161

AUFRICHT GLABELLA Rasp 162

FOMON Rasps..... 163

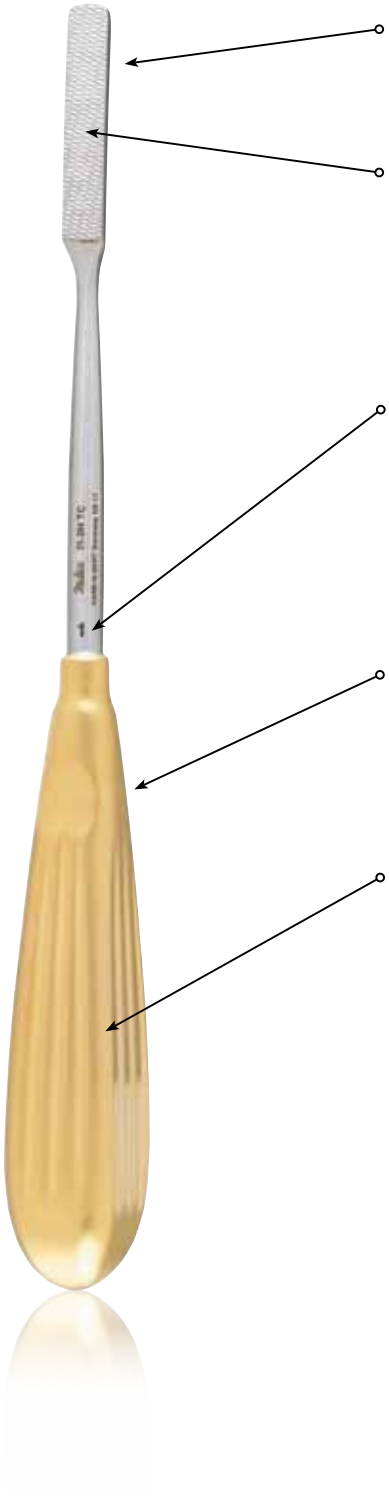
Bone Files 164



Rasps & Bone Files

When compared to traditional stainless steel patterns, Miltex® Carb-N-Sert® instruments offer long-term savings due to extended service life and higher resistance to wear.

ANATOMY OF MILTEX® RASPS & BONE FILES



CARB-N-SERT® RASPS
Miltex tungsten carbide rasps offer outstanding cutting capability for precise bone contouring.

GRIT OPTIONS
Miltex offers a selection of very fine to coarse grit choices to perfectly accommodate the most delicate, aggressive or challenging surgical procedures.

LASER ETCHING
All Miltex rasps are laser etched with our logo and catalog number for easy re-ordering.

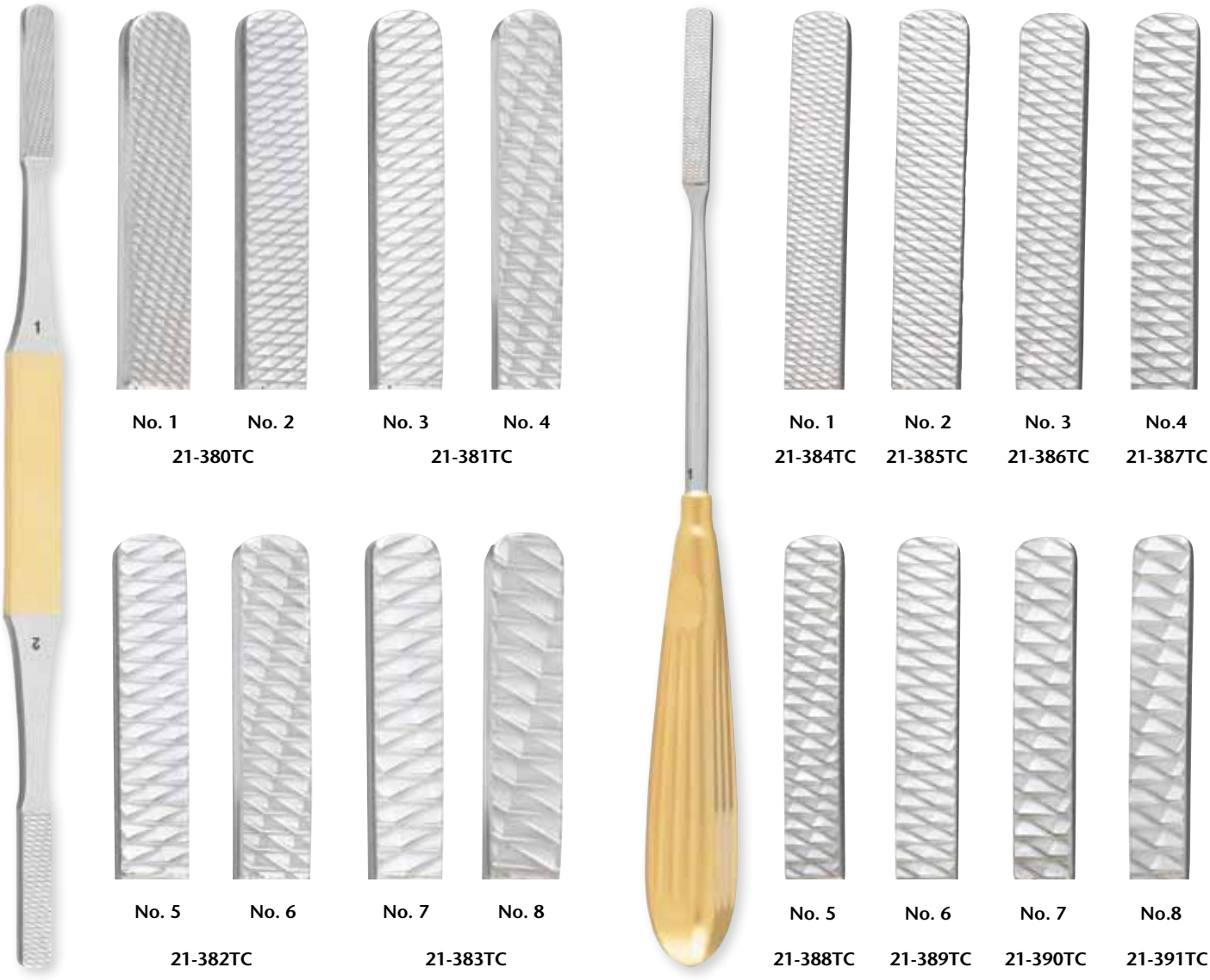
ERGONOMIC DESIGN
Outstanding instrument design combines weight, balance and feel for optimal comfort and performance.

HANDLE
Well rounded and polished edges for better feel and comfort. Gold finished handles differentiate these rasps as precision instruments.

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

Rasps & Bone Files

REF	Description	Style	Tip	Type	Length
21-380TC	FOMON Rasp	double-ended, flat, backward cutting	No. 1 Very Fine and No. 2 Fine grit	Carb-N-Sert	8-1/4″ (21 cm)
21-381TC	FOMON Rasp	double-ended, flat, backward cutting	No. 3 Fine and No. 4 Coarse grit	Carb-N-Sert	8-1/4″ (21 cm)
21-382TC	FOMON Rasp	double-ended, flat, backward cutting	No. 5 Coarse and No. 6 Coarse grit	Carb-N-Sert	8-1/4″ (21 cm)
21-383TC	FOMON Rasp	double-ended, flat, backward cutting	No. 7 Coarse and No. 8 Very Coarse grit	Carb-N-Sert	8-1/4″ (21 cm)
21-384TC	PARKES Rasp	single-ended, backward cutting	No. 1 Very Fine grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-385TC	PARKES Rasp	single-ended, backward cutting	No. 2 Fine Grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-386TC	PARKES Rasp	single-ended, backward cutting	No. 3 Fine grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-387TC	PARKES Rasp	single-ended, backward cutting	No. 4 Coarse grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-388TC	PARKES Rasp	single-ended, backward cutting	No. 5 Coarse grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-389TC	PARKES Rasp	single-ended, backward cutting	No. 6 Coarse grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-390TC	PARKES Rasp	single-ended, backward cutting	No. 7 Coarse grit	Carb-N-Sert	8-1/2″ (21.6 cm)
21-391TC	PARKES Rasp	single-ended, backward cutting	No. 8 Very Coarse grit	Carb-N-Sert	8-1/2″ (21.6 cm)

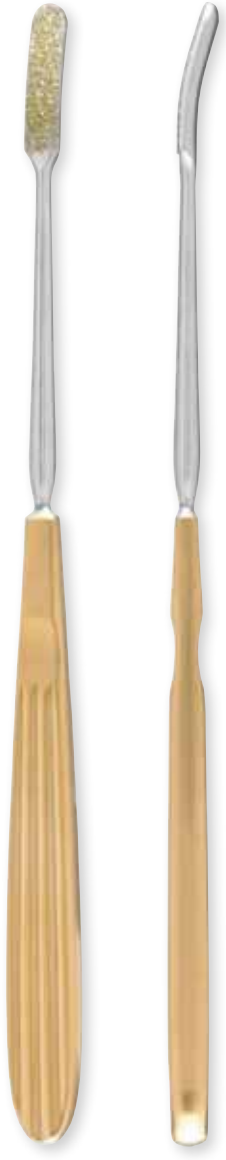


Rasps & Bone Files

REF	Description	Style	Tip	Type	Length
21-392DC	PEET (COTTLE) Rasp	finishing rasp	Straight	Diamond Coated	7-1/2″ (19 cm)
21-393DC	PEET (COTTLE) Rasp	finishing rasp	Curved	Diamond Coated	7-1/2″ (19 cm)
21-394TC	GLABELLA Rasp	backward cutting	No. 3 Fine grit, 5.5 mm x 10 mm radius tip	Carb-N-Sert	8-1/4″ (21 cm)



21-392DC



21-393DC



21-394TC

Rasps & Bone Files

REF	Description	Type	Length
21-330	JOSEPH Rasp	fine cross serrations	6-1/4″ (15.9 cm)
21-338	COTTLE Rasp	backward cutting	8″ (20.3 cm)
21-342	MALTZ Nasal Rasp	backward cutting	7″ (17.8 cm)
21-343	MALTZ Rasp	improved double end pattern, forward & backward cutting	8-1/4″ (21 cm)
21-346	AUFRICHT GLABELLA Rasp	curved blade, forward cutting	7-1/8″ (18.1 cm)
21-348	AUFRICHT GLABELLA Rasp	curved blade, 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)



21-330 **21-338** **21-342** **21-343** **21-346** **21-348** **21-352** **21-354**

Rasps & Bone Files

REF	Description	Type	Length
21-360	GALLAHER Rasp	straight, coarse teeth	6-1/2" (16.5 cm)
21-368	FOMON Rasp	double ended, 4-sided, fine & coarse, flat & convex	8-1/4" (21 cm)
21-369	FOMON Rasp	double ended, coarse teeth, flat & convex	8-1/4" (21 cm)
21-370	FOMON Rasp	double ended, fine teeth, flat & convex	8-1/4" (21 cm)
27-700	PUTTI Bone Rasp	flat ends, one side curved on flat, other side curved sideways	10-1/2" (26.7 cm)
27-702	PUTTI Bone Rasp	round and half-round tapered curved ends	12" (30.5 cm)
27-703	Bone File	bayonet shank, half-round blade 3-1/2" (8.9 cm) x 1/2" (1.3 cm)	9-3/4" (24.8 cm)



21-360 21-368 21-369 21-370 27-700 27-702 27-703

Bone Files

REF	Description	Type	Length
40-1370	Bone File	double end no. 10 pattern, plain serrations	7″ (17.8 cm)
40-1371	Bone File	double end no. 33 pattern, plain serrations	7″ (17.8 cm)
40-1375	Bone File (MILLER)	double end no. 64 pattern, plain serrations	7″ (17.8 cm)
40-1380	Bone File (MILLER)	double end no. 45 pattern, plain serrations	7″ (17.8 cm)
40-1381	Bone File (HOWARD)	double end no. 12 pattern, plain serrations	7″ (17.8 cm)
40-1382	Bone File (HOWARD)	double end no. 12A pattern, one end plain, other end cross serrated	7″ (17.8 cm)
40-1385	Bone File (HOWARD)	double end no. 12CA BELL pattern, cross serrations	7″ (17.8 cm)
40-2800	POLOKOFF Bone File	double end, narrow pattern (POL-1)	7-1/4″ (18.4 cm)



40-1370 40-1371 40-1375 40-1380 40-1381 40-1382 40-1385 40-2800

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Probes & Directors

REF	Description	Type	Length
10-2-NS	MILTEX Probe	double ended, malleable, nickel-silver	4-1/2" (11.4 cm)
10-2-ST	MILTEX Probe	double ended, malleable, sterling	4-1/2" (11.4 cm)
10-4-NS	MILTEX Probe	double ended, malleable, nickel-silver	5" (12.7 cm)
10-4-ST	MILTEX Probe	double ended, malleable, sterling	5" (12.7 cm)
10-6-NS	MILTEX Probe	double ended, malleable, nickel-silver	5-1/2" (14 cm)
10-6-ST	MILTEX Probe	double ended, malleable, sterling	5-1/2" (14 cm)
10-8-NS	MILTEX Probe	double ended, malleable, nickel-silver	6" (15.2 cm)
10-8-ST	MILTEX Probe	double ended, malleable, sterling	6" (15.2 cm)
10-10-NS	MILTEX Probe	double ended, malleable, nickel-silver	7" (17.8 cm)
10-10-ST	MILTEX Probe	double ended, malleable, sterling	7" (17.8 cm)
10-12-NS	MILTEX Probe	double ended, malleable, nickel-silver	8" (20.3 cm)
10-12-ST	MILTEX Probe	double ended, malleable, sterling	8" (20.3 cm)
10-14-NS	MILTEX Probe	double ended, malleable, nickel-silver	10" (25.4 cm)
10-14-ST	MILTEX Probe	double ended, malleable, sterling	10" (25.4 cm)
10-22-SS	MILTEX Probe	with eye, malleable, stainless	4-1/2" (11.4 cm)
10-22-ST	MILTEX Probe	with eye, malleable, sterling	4-1/2" (11.4 cm)
10-24-SS	MILTEX Probe	with eye, malleable, stainless	5" (12.7 cm)
10-24-ST	MILTEX Probe	with eye, malleable, sterling	5" (12.7 cm)
10-26-SS	MILTEX Probe	with eye, malleable, stainless	5-1/2" (14 cm)
10-26-ST	MILTEX Probe	with eye, malleable, sterling	5-1/2" (14 cm)
10-28-SS	MILTEX Probe	with eye, malleable, stainless	6" (15.2 cm)
10-28-ST	MILTEX Probe	with eye, malleable, sterling	6" (15.2 cm)
10-30-SS	MILTEX Probe	with eye, malleable, stainless	7" (17.8 cm)
10-30-ST	MILTEX Probe	with eye, malleable, sterling	7" (17.8 cm)
10-32-SS	MILTEX Probe	with eye, malleable, stainless	8" (20.3 cm)
10-32-ST	MILTEX Probe	with eye, malleable, sterling	8" (20.3 cm)
10-34-SS	MILTEX Probe	with eye, malleable, stainless	10" (25.4 cm)
10-34-ST	MILTEX Probe	with eye, malleable, sterling	10" (25.4 cm)
10-38	MILTEX Probe	with Myrtle Leaf	5" (12.7 cm)
10-79	MILTEX Grooved Director	with Probe tip & Tongue tie	4-1/2" 11.4 cm)
10-80	MILTEX Grooved Director	with Probe tip & Tongue tie	5" (12. cm)
10-82	MILTEX Grooved Director	with Probe tip & Tongue tie	5-1/2" 14 cm)
10-84	MILTEX Grooved Director	with Probe tip & Tongue tie	6" (15. cm)
28-100	LARRY Probe & Grooved Director	-	7" (17.8 cm)

Please refer to the reference section on page 536 for French conversions.



10-2 to 10-14 **10-22 to 10-34** **10-38**



10-79 to 10-84 **28-100**

Probes

REF	Description	Type	Size	Length
18-710	French Pattern Lacrimal Probe	bayonet shape	00 (0.7 mm)	5″ (12.7 cm)
18-712	French Pattern Lacrimal Probe	bayonet shape	0 (0.9 mm)	5″ (12.7 cm)
18-714	French Pattern Lacrimal Probe	bayonet shape	1 (1.2 mm)	5″ (12.7 cm)
18-716	French Pattern Lacrimal Probe	bayonet shape	2 (1.3 mm)	5″ (12.7 cm)
18-718	French Pattern Lacrimal Probe	bayonet shape	3 (1.4 mm)	5″ (12.7 cm)
18-720	French Pattern Lacrimal Probe	bayonet shape	4 (1.5 mm)	5″ (12.7 cm)
18-740	BOWMAN Lacrimal Probe	sterling	0000-000 (0.4 mm)	5″ (12.7 cm)
18-742	BOWMAN Lacrimal Probe	sterling	00-0 (0.7 mm)	5″ (12.7 cm)
18-744	BOWMAN Lacrimal Probe	sterling	1-2 (0.9 mm)	5″ (12.7 cm)
18-746	BOWMAN Lacrimal Probe	sterling	3-4 (1.3 mm)	5″ (12.7 cm)
18-748	BOWMAN Lacrimal Probe	sterling	5-6 (1.5 mm)	5″ (12.7 cm)
18-750	BOWMAN Lacrimal Probe	sterling	7-8 (1.8 mm)	5″ (12.7 cm)
19-210	BUCK (SPENCER) Ear Probe	sterling shaft	-	5-1/2″ (14 cm)
20-100	THEOBALD (FISH) Sinus Probe	sterling	-	6″ (15.2 cm)
20-102	SKILLERN Sinus Probe	graduated, sterling	-	6-1/2″ (16.5 cm)
28-106	BUIE Fistula Probe	with 5-1/2″ (14 cm) sterling shaft	-	6-3/4″ (17.1 cm)
28-108	PRATT Rectal Probe	with 7-3/4″ (19.7 cm) sterling shaft	-	10″ (25.4 cm)
28-109	BARR double ended Probe	rigid	-	7″ (17.8 cm)



18-710 to 18-720 | **18-740 to 18-750** | **19-210** | **20-100** | **20-102** | **28-106** | **28-108** | **28-109**

Probes & Dilators

REF	Description	Size	Length
14-4-15	MAYO Common Duct Probe, malleable shaft	15 French (5 mm)	10″ (25.4 cm)
14-4-18	MAYO Common Duct Probe, malleable shaft	18 French (6 mm)	10″ (25.4 cm)
14-8	BAKES Common Duct Dilator Set	fitted plastic case containing 9 Dilators, malleable shafts	3 mm to 11 mm
14-10-3	BAKES Common Duct Dilator	3 mm diameter	8-3/4″ (22.2 cm)
14-10-4	BAKES Common Duct Dilator	4 mm diameter	8-3/4″ (22.2 cm)
14-10-5	BAKES Common Duct Dilator	5 mm diameter	8-3/4″ (22.2 cm)
14-10-6	BAKES Common Duct Dilator	6 mm diameter	8-3/4″ (22.2 cm)
14-10-7	BAKES Common Duct Dilator	7 mm diameter	8-3/4″ (22.2 cm)
14-10-8	BAKES Common Duct Dilator	8 mm diameter	8-3/4″ (22.2 cm)
14-10-9	BAKES Common Duct Dilator	9 mm diameter	8-3/4″ (22.2 cm)
14-10-10	BAKES Common Duct Dilator	10 mm diameter	8-3/4″ (22.2 cm)
14-10-11	BAKES Common Duct Dilator	11 mm diameter	8-3/4″ (22.2 cm)
14-12	MIXTER Irrigating Dilating Probe	malleable, with Luer Lock, silver plated	12″ (30.5 cm)

Please refer to the reference section on page 536 for French conversions.



14-4-15 **14-4-18** **14-8 (set)** **14-10-3 to 14-10-11** **14-12**

Catheters

REF	Description	Size	Length
29-32-8	Female Catheter	8 French (2.6 mm)	5-3/4″ (14.6 cm)
29-32-10	Female Catheter	10 French (3.3 mm)	5-3/4″ (14.6 cm)
29-32-12	Female Catheter	12 French (4 mm)	5-3/4″ (14.6 cm)
29-32-14	Female Catheter	14 French (4.6 mm)	5-3/4″ (14.6 cm)
29-32-16	Female Catheter	16 French (5.3 mm)	5-3/4″ (14.6 cm)
29-32-18	Female Catheter	18 French (6 mm)	5-3/4″ (14.6 cm)
29-33-12	WALTHER Female Dilator-Catheter	12 French (4 mm)	5-1/4″ (13.3 cm)
29-33-14	WALTHER Female Dilator-Catheter	14 French (4.6 mm)	5-1/4″ (13.3 cm)
29-33-16	WALTHER Female Dilator-Catheter	16 French (5.3 mm)	5-1/4″ (13.3 cm)
29-33-18	WALTHER Female Dilator-Catheter	18 French (6 mm)	5-1/4″ (13.3 cm)
29-33-20	WALTHER Female Dilator-Catheter	20 French (6.6 mm)	5-1/4″ (13.3 cm)
29-33-22	WALTHER Female Dilator-Catheter	22 French (7.3 mm)	5-1/4″ (13.3 cm)
29-33-24	WALTHER Female Dilator-Catheter	24 French (8 mm)	5-1/4″ (13.3 cm)
29-33-26	WALTHER Female Dilator-Catheter	26 French (8.6 mm)	5-1/4″ (13.3 cm)
29-33-28	WALTHER Female Dilator-Catheter	28 French (9.2 mm)	5-1/4″ (13.3 cm)
29-33-30	WALTHER Female Dilator-Catheter	30 French (10 mm)	5-1/4″ (13.3 cm)
29-33-32	WALTHER Female Dilator-Catheter	32 French (10.6mm)	5-1/4″ (13.3 cm)
29-33-34	WALTHER Female Dilator-Catheter	34 French (11.2mm)	5-1/4″ (13.3 cm)
29-33-36	WALTHER Female Dilator-Catheter	36 French (11.9mm)	5-1/4″ (13.3 cm)
29-33-38	WALTHER Female Dilator-Catheter	38 French (12.5mm)	5-1/4″ (13.3 cm)
29-48	VAN BUREN Catheter Guide	8 French (2.6 mm)	17″ (43.2 cm)

Please refer to the reference section on page 536 for French conversions.



29-32-8 to 29-32-18



29-33-12 to 29-33-38



29-48

Sounds

REF	Description	Size	Length
29-2	VAN BUREN Urethral Sound, set of 6 sounds	even sizes 14 French (4.6 mm) to 24 French (8 mm)	11″ (27.9 cm)
29-4	VAN BUREN Urethral Sound, set of 12 sounds	even sizes 8 French (2.6 mm) to 30 French (10 mm)	11″ (27.9 cm)
29-6-8	VAN BUREN Urethral Sound	8 French (2.6 mm)	11″ (27.9 cm)
29-6-10	VAN BUREN Urethral Sound	10 French (3.3 mm)	11″ (27.9 cm)
29-6-12	VAN BUREN Urethral Sound	12 French (4 mm)	11″ (27.9 cm)
29-6-14	VAN BUREN Urethral Sound	14 French (4.6 mm)	11″ (27.9 cm)
29-6-16	VAN BUREN Urethral Sound	16 French (5.3 mm)	11″ (27.9 cm)
29-6-18	VAN BUREN Urethral Sound	18 French (6 mm)	11″ (27.9 cm)
29-6-20	VAN BUREN Urethral Sound	20 French (6.6 mm)	11″ (27.9 cm)
29-6-22	VAN BUREN Urethral Sound	22 French (7.3 mm)	11″ (27.9 cm)
29-6-24	VAN BUREN Urethral Sound	24 French (8 mm)	11″ (27.9 cm)
29-6-26	VAN BUREN Urethral Sound	26 French (8.6 mm)	11″ (27.9 cm)
29-6-28	VAN BUREN Urethral Sound	28 French (9.2 mm)	11″ (27.9 cm)
29-6-30	VAN BUREN Urethral Sound	30 French (10 mm)	11″ (27.9 cm)
29-6-32	VAN BUREN Urethral Sound	32 French (10.6 mm)	11″ (27.9 cm)
29-6-34	VAN BUREN Urethral Sound	34 French (11.2 mm)	11″ (27.9 cm)
29-6-36	VAN BUREN Urethral Sound	36 French (11.9 mm)	11″ (27.9 cm)
29-6-38	VAN BUREN Urethral Sound	38 French (12.5 mm)	11″ (27.9 cm)
29-6-40	VAN BUREN Urethral Sound	40 French (13.2 mm)	11″ (27.9 cm)
29-14-8	McCREA Extra Small Urethral Sound	8 French (2.6 mm)	7″ (17.8 cm)
29-14-10	McCREA Extra Small Urethral Sound	10 French (3.3 mm)	7″ (17.8 cm)
29-14-12	McCREA Extra Small Urethral Sound	12 French (4 mm)	7″ (17.8 cm)
29-14-14	McCREA Extra Small Urethral Sound	14 French (4.6 mm)	7″ (17.8 cm)
29-14-16	McCREA Extra Small Urethral Sound	16 French (5.3 mm)	7″ (17.8 cm)
29-14-18	McCREA Extra Small Urethral Sound	18 French (6 mm)	7″ (17.8 cm)
29-14-20	McCREA Extra Small Urethral Sound	20 French (6.6 mm)	7″ (17.8 cm)
29-14-22	McCREA Extra Small Urethral Sound	22 French (7.3 mm)	7″ (17.8 cm)
29-14-24	McCREA Extra Small Urethral Sound	24 French (8 mm)	7″ (17.8 cm)
29-14-26	McCREA Extra Small Urethral Sound	26 French (8.6 mm)	7″ (17.8 cm)
29-14-28	McCREA Extra Small Urethral Sound	28 French (9.2 mm)	7″ (17.8 cm)
29-14-30	McCREA Extra Small Urethral Sound	30 French (10 mm)	7″ (17.8 cm)
29-14-32	McCREA Extra Small Urethral Sound	32 French (10.6 mm)	7″ (17.8 cm)
29-14-34	McCREA Extra Small Urethral Sound	34 French (11.2 mm)	7″ (17.8 cm)
29-14-36	McCREA Extra Small Urethral Sound	36 French (11.9 mm)	7″ (17.8 cm)

Please refer to the reference section on page 536 for French conversions.



29-2 to 29-4
29-6-8 to 29-6-40



29-14-8 to 29-14-36

Scoops

REF	Description	Type	Size	Length
14-22	MAYO Gall Stone Scoop	double end	-	11″ (27.9 cm)
14-24-17	DESJARDIN Gall Stone Scoop	malleable shaft	17 French (5.7 mm)	11″ (27.9 cm)
14-24-21	DESJARDIN Gall Stone Scoop	malleable shaft	21 French (7 mm)	11″ (27.9 cm)
14-24-24	DESJARDIN Gall Stone Scoop	malleable shaft	24 French (8 mm)	11″ (27.9 cm)
14-24-27	DESJARDIN Gall Stone Scoop	malleable shaft	27 French (9 mm)	11″ (27.9 cm)
14-26-S	FERGUSON Gall Stone Scoop	double end, small size scoops, 3/8″ (.95 cm) x 1″ (2.5 cm) and 5/16″ (.79 cm) x 3/4″ (.9 cm)		9-1/2″ (24.1 cm)
14-26-M	FERGUSON Gall Stone Scoop	double end, medium size scoops, 1/2″ (1.3 cm) x 1-1/8″ (2.8 cm) and 3/8″ (.95 cm) x 1″ (2.5 cm)		9-1/2″ (24.1 cm)
14-26-L	FERGUSON Gall Stone Scoop	double end, large size scoops, 1/2″ (1.3 cm) x 1-1/4″ (3.2 cm) and 7/16″ (1.1 cm) x 1″ (2.5 cm)		9-1/2″ (24.1 cm)
14-27	MAYO Common Duct Scoop	malleable shaft, small size, silver plated	-	10-1/2″ (26.7 cm)
14-28	MAYO Common Duct Scoop	malleable shaft, medium size, silver plated	-	10-1/2″ (26.7 cm)
14-29	MAYO Common Duct Scoop	malleable shaft, large size, silver plated	-	10-1/2″ (26.7 cm)

Please refer to the reference section on page 536 for French conversions.



14-22



14-24-17



14-24-21 **14-24-24** **14-24-27**





14-26-M **14-26-L**

14-26-S





14-27 **14-28**

14-29

MILTEX® TROCARS

Trocars.....173



Trocars

REF	Description	Size	Length
13-2	NESTED Trocar, Set of 4 stainless Trocar points & cannula	6 Fr. (2 mm), 9 Fr. (3 mm), 13 Fr. (4.3 mm), 17 Fr. (5.7 mm)	-
13-8	PATTERSON Trocar, Size 1	6 mm diameter	8-1/2" (21.6 cm)
13-9	PATTERSON Trocar, Size 2	7.5 mm diameter	8-1/2" (21.6 cm)
13-10	PATTERSON Trocar, Size 3	10.5 mm diameter	8-1/2" (21.6 cm)
13-11	PATTERSON Trocar, Size 4	12 mm diameter	8-1/2" (21.6 cm)
13-20	DUKE Trocar and Cannula with perforated tube 5-1/8 (13 cm) long	17 French (5.7 mm)	4-1/2" (11.4 cm)
13-62	OCHSNER Trocar, Philadelphia pattern for use with 10 French (3.3 mm) catheter	14 French (4.7 mm)	6-1/4" (15.9 cm)
13-64	OCHSNER Trocar, Philadelphia pattern for use with 12 French (4 mm) catheter	16 French (5.3 mm)	6-1/4" (15.9 cm)
13-66	OCHSNER Trocar, Philadelphia pattern for use with 14 French (4.7 mm) catheter	18 French (6 mm)	6-1/4" (15.9 cm)
13-68	OCHSNER Trocar, Philadelphia pattern for use with 16 French (5.3 mm) catheter	20 French (6.7 mm)	6-1/4" (15.9 cm)
13-70	OCHSNER Trocar, Philadelphia pattern for use with 18 French (6 mm) catheter	22 French (7.3 mm)	6-1/4" (15.9 cm)
13-72	OCHSNER Trocar, Philadelphia pattern for use with 20 French (6.7 mm) catheter	24 French (8 mm)	6-1/4" (15.9 cm)
13-74	OCHSNER Trocar, Philadelphia pattern for use with 22 French (7.3 mm) catheter	28 French (9.3 mm)	6-1/4" (15.9 cm)

See reference section on page 536 for French conversion



13-2



13-8 to 13-11



13-20



13-62 to 13-74

MILTEX® DIAGNOSTICS

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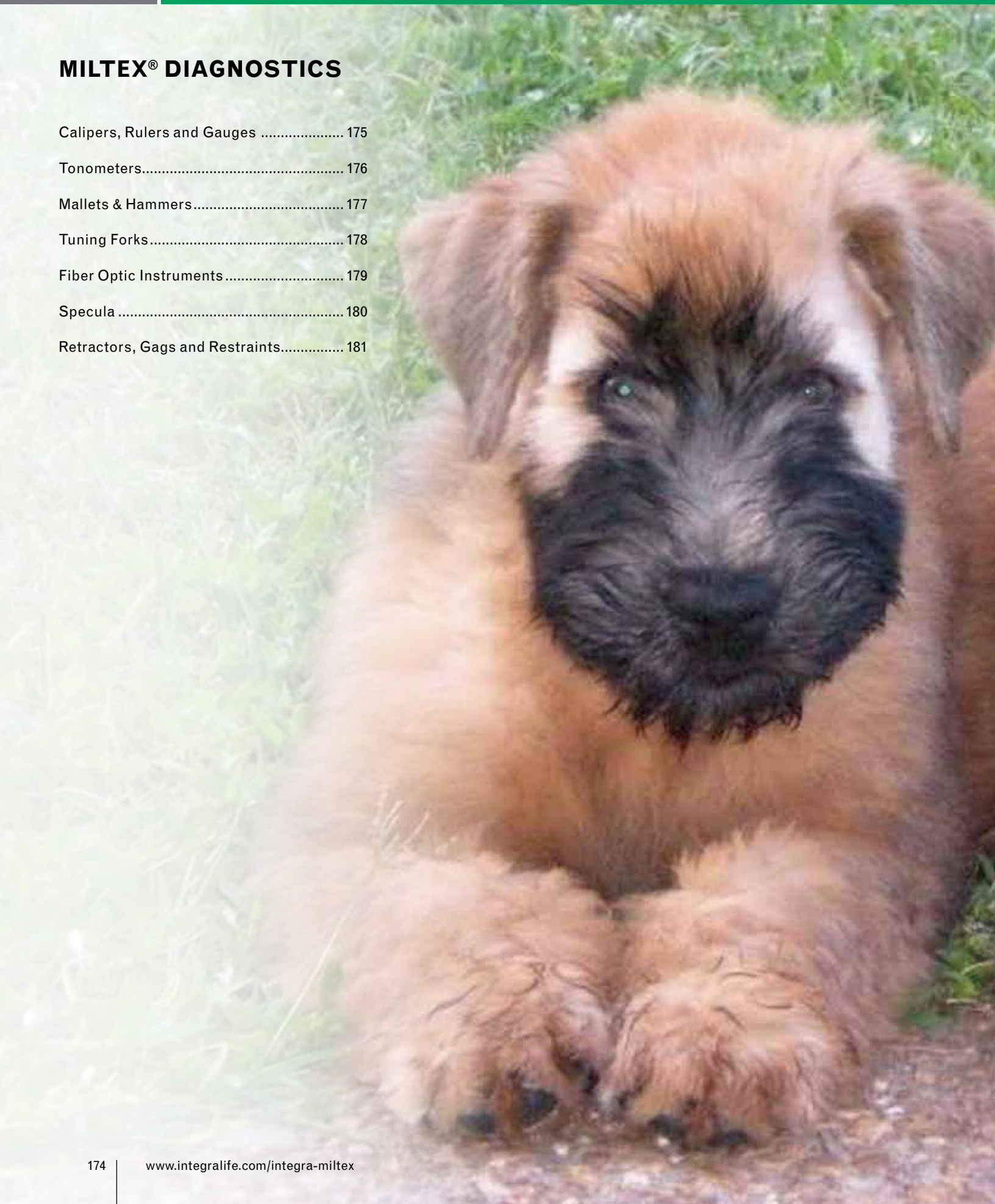


Calipers, Rulers and Gauges

REF	Description	Type	Length
1-3015	EKG Caliper	economy line, graduated in mm, nickel plated	-
1-3200	MILTEX Fiberglass Tape Measure	1/4" (6.4 mm) wide, graduated to 60" (152.4 cm) on one side, 150 cm on other side, plastic case with push button tape return	-
18-650	CASTROVIEJO Caliper	a combination measuring and marking caliper, graduated 0-20 mm	3-1/4" (8.3 cm)
18-657	THORPE Caliper	graduated in inches and mm, permits measurements in deep areas	4-1/2" (11.4 cm)
18-658	JAMESON Caliper	graduated in inches and mm with thin tips, chrome	3-3/4" (9.5 cm)
18-660 cm)	Flexible Stainless Ruler	graduated in 1/32" (0.8 mm) fractions and mm	6" (15.2 cm) x 1/2" (1.3
27-201	MILTEX Pin & Wire Gauge	-	-



1-3015



1-3200



18-650



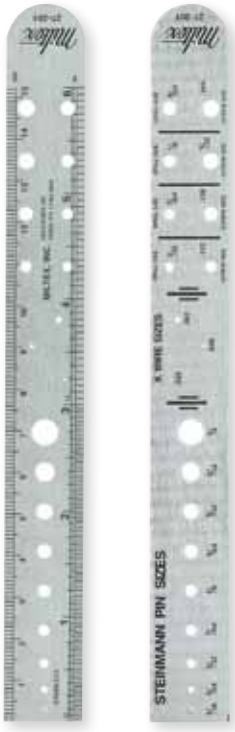
18-657



18-658



18-660



27-201

Tonometers

All units are constructed with jewelled hammers to minimize friction. All units are autoclavable. Scale markings are etched for accuracy and scales are inclined, permitting reading from above.

Each unit is supplied with certification that it meets the specifications established by the Committee on Standardization of Tonometers of the AAOO. Each unit is individually packaged in a fitted case with weights and a test block.

REF	Description
18-132	SCHIOTZ Tonometer, original model, with 3 weights (5.5 g, 7.5 g and 10 g) plunger, footplate and test block are stainless steel
18-132A	SCHIOTZ Tonometer, same as no. 18-132, but with ALLEN Plunger Retractor
18-139	Sterilizing Case for SCHIOTZ Tonometers, 6-1/2" (16.5 cm) x 3-1/2" (8.9 cm) x 1-1/4" (3.2 cm), fitted to firmly hold tonometer, weights and test block



18-132
18-132A



18-139

Mallets and Hammers

REF	Description	Type	Length
1-200	TAYLOR Percussion Hammer	extra small size, solid handle	7" (17.8 cm)
1-202	TAYLOR Percussion Hammer	standard size, solid handle, chrome	7-1/2" (19.1 cm)
1-208	TAYLOR Percussion Hammer	large head, loop handle, chrome	9" (22.9 cm)
1-212	Combo-5 Neuro Diagnostic Set	C-128 Tuning Fork, BUCK Hammer, pin wheel, brush and needle	-
1-213	Combo-5 Neuro Diagnostic Set	C-256 Tuning Fork, BUCK Hammer, pin wheel, brush and needle	-
1-214	Combo-4 Neuro Diagnostic Set	BUCK Hammer, pin wheel, brush and needle	-
1-220	BUCK Neurological Hammer	with brush and needle (screw into handle), chrome	7-3/4" (19.7 cm)



1-200
1-202
1-208



1-212



1-213



1-214



1-220

Tuning Forks

REF	Description	Type
19-100	MILTEX Tuning Forks	Aluminum Alloy, C-64 vibrations
19-102	MILTEX Tuning Forks	Aluminum Alloy, C-128 vibrations
19-104	MILTEX Tuning Forks	Aluminum Alloy, C-256 vibrations
19-106	MILTEX Tuning Forks	Aluminum Alloy, C-512 vibrations
19-108	MILTEX Tuning Forks	Aluminum Alloy, C-1024 vibrations
19-110	MILTEX Tuning Forks	Aluminum Alloy, C-2048 vibrations
19-112	MILTEX Tuning Forks	Aluminum Alloy, C-4096 vibrations
19-120	MILTEX Tuning Forks	Aluminum Alloy, Set of 5 Tuning Forks, C-128, C-256, C-512, C-1024 and C-2048 in fitted molded vinyl zippered case
19-120A	MILTEX Tuning Forks	fitted molded vinyl zippered case only for tuning fork set



19-100



19-102



19-104



19-106



19-108



19-110



19-112



19-120
19-120A

Loupes and LED Light System Affixes easily to your Miltex® Loupes

Loupes Magnification Chart

Magnification	Working Distance	Miltex Part Number Loupe Kit with RED FRAME	Miltex Part Number Loupe Kit with BLACK FRAME
2.5x	10"-13" (S)	1-5000	1-5011
	12"-16" (R)	1-5001	1-5012
	14"-18" (L)	1-5002	1-5013
	16"-20" (XL)	1-5003	1-5014
3.0x	10"-13" (S)	1-5004	1-5015
	13"-16" (R)	1-5005	1-5016
	16"-21" (L)	1-5006	1-5017
	18"-22" (XL)	1-5007	1-5018
3.5x	13"-16" (R)	1-5008	1-5019
	16"-20" (L)	1-5009	1-5020
	18"-22" (XL)	1-5010	1-5021

LED Mounting Chart

REF	Description	Mount Type
15050	LED Loupes Light Unit	Miltex® loupes mount
15051	LED Loupes Light Unit	Orascoptix® loupes mount
15052	LED Loupes Light Unit	Sheervision® loupes mount
15053	LED Loupes Light Unit	Surgitel® loupes mount
15054	LED Loupes Light Unit	Large Universal mount
15055	LED Loupes Light Unit	Heine® loupes mount

NOTE: Not all mounts match all loupes.
Contact your Miltex® Representative to ensure compatibility.

- Miltex optics quickly and easily lock into your personal setting.
- You get a custom fit without the need for individual measurement!
- LED light has an innovative power pack design with external battery cells for quick changing.
- High intensity portable dental and surgical headlight (80,000 Lux @ 14 inches).



Specula

REF	Description	Type	Blade	Length
20-2	VIENNA Nasal Speculum	large size, standard pattern	-	5-3/4" (14.6 cm)
20-3	VIENNA Speculum	medium size, standard pattern	-	5-3/4" (14.6 cm)
20-4	VIENNA Speculum	small size, standard pattern	-	5-3/4" (14.6 cm)
20-6	VIENNA Nasal Speculum	adult size, light weight	-	5-3/4" (14.6 cm)
20-7	VIENNA Nasal Speculum	child size, light weight	-	5-3/4" (14.6 cm)
20-28	KILLIAN Septum Speculum	with set screw	2" (5.1 cm)	6" (15.2 cm)
20-32	KILLIAN Septum Speculum	with set screw	3-1/2" (8.9 cm)	6" (15.2 cm)
30-10	GRAVES Vaginal Speculum	small size, original model	3/4" (1.9 cm) x 3 (7.6 cm)	-
30-50	PEDERSON Vaginal Speculum	small size, narrow blades	1/2" (1.3 cm) x 3" (7.6 cm)	-
30-62	PEDERSON Vaginal Speculum	extra narrow	5/8" (1.6 cm) x 4" (10.2 cm)	-



20-2



20-4



20-6



20-28
20-32



30-10



30-50
30-62

Retractors, Gags and Restraints

REF	Description	Length/Size
2-154	DENHARDT Mouth Gag	with grip lock
63-10	MOLT Mouth Gag	petite size, fitted with silicone tubing
63-10A	Silicone Guards	fits 63-10 petite size MOLT Mouth Gag
63-15	MOLT Mouth Gag	medium size, fitted with silicone tubing
63-15A	Silicone Guards	fits 63-15 medium size MOLT Mouth Gag
63-20	MOLT Mouth Gag	large size, fitted with silicone tubing
63-20A	Silicone Guards	fits 63-20 large size MOLT Mouth Gag
6039	Petite Mouth Gag	2-1/4'' (5.7 cm) lightweight
6040	Feline Mouth Gag	3" (7.6 cm) lightweight
6041	Canine Mouth Gag	small size, 3-1/2" (8.9 cm)
6042	Canine Mouth Gag	medium size, 5-1/2" (13.9 cm)
6043	Canine Mouth Gag	large size, 7-1/2" (19.5 cm)
6600	Quick-Lock Tourniquet	complete with 32" neoprene cord
6601	Neoprene Cord (for 32" Tourniquet only)	-
V96050	Avian Oral Speculum	4-3/4" (10.8 cm), small
V96051	Avian Oral Speculum	4-3/4" (10.8 cm), medium
V96052	Avian Oral Speculum	7-1/2" (19.1 cm), large
V96053	Avian Oral Speculum	4-3/4" (10.8 cm), set of three (contains one small, medium and large speculum)



2-154



63-10 to 63-20



6039



6040



6041



6042



6043



6600
6601



V96050



V96051



V96052

MILTEX® ANESTHESIA INSTRUMENTS

Anesthesia Instruments 183



Anesthesia Instruments

REF	Description	Type	Length
2-50	COLLIN Tongue Seizing Forceps	jaws 25mm wide	6-3/4" (17.1 cm)
2-60	YOUNG Tongue Seizing Forceps	with soft rubber jaws	6-1/2" (16.5 cm)
2-62	Rubber jaw replacements for YOUNG Tongue Forceps	fits REF# 2-60	-
2-70	MAGILL Endotracheal Catheter Introducing Forceps	adult size	9" (22.9 cm)
2-72	MAGILL Endotracheal Catheter Introducing Forceps	small size	7" (17.8 cm)



2-50



2-60
2-62



2-70
2-72

MILTEX® SUCTION & ASPIRATION INSTRUMENTS

Cannulas and Needles 185

Tracheal Tubes.....186

Suction Tubes 187-189



Cannulas and Needles

REF	Description	Type	Length
23-399	Extension Cannula for Universal Handle	straight	15 cm
23-400	Extension Cannula for Universal Handle	straight	20 cm
23-402	Extension Cannula for Universal Handle	straight	30 cm
23-410	Extension Cannula for Universal Handle	curved	20 cm
23-420	Universal Handle	-	-
20-420	LICHTWICZ Antrum Trocar Needle	16 gauge, with beveled stylet & crossbar, luer lock	4-1/2" (11.4 cm)
20-428	RUSKIN Antrum Trocar Needle	straight, 16 gauge, with crossbar & tubing connection, luer lock	4" (10.2 cm)
20-430	RUSKIN Antrum Trocar Needle	curved, 16 gauge, with crossbar & tubing connection, luer lock	4" (10.2 cm)



23-399 to 23-402 **23-410** **23-420** **20-420** **20-428** **20-430**

Tracheal Tubes

JACKSON Trachea Tubes, improved pattern, interchangeable, rotating lock

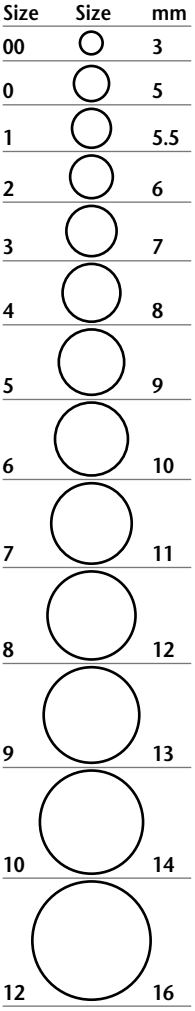
REF	Size	O.D.	Length
23-1139SS	00	3 mm	1-5/16″ (33 mm)
23-1140SS	0	5 mm	1-1/2″ (38 mm)
23-1142SS	1	5.5 mm	1-3/4″ (44 mm)
23-1144SS	2	6 mm	2″ (51 mm)
23-1146SS	3	7 mm	2-9/32″ (58 mm)
23-1148SS	4	8 mm	2-7/16″ (62 mm)
23-1150SS	5	9 mm	2-5/8″ (68 mm)
23-1152SS	6	10 mm	2-11/16″ (69 mm)
23-1154SS	7	11 mm	2-11/16″ (69 mm)
23-1156SS	8	12 mm	2-11/16″ (69 mm)
23-1158SS	9	13 mm	2-11/16″ (69 mm)
23-1159SS	10	14 mm	2-11/16″ (69 mm)

JACKSON Trachea Tubes, regular length, interchangeable, wing lock

REF	Size	O.D.	Length
23-1199SS	00	3 mm	1-5/16″ (33 mm)
23-1200SS	0	5 mm	1-1/2″ (38 mm)
23-1202SS	1	5.5 mm	1-3/4″ (44 mm)
23-1204SS	2	6 mm	2″ (51 mm)
23-1206SS	3	7 mm	2-9/32″ (58 mm)
23-1208SS	4	8 mm	2-7/16″ (62 mm)
23-1210SS	5	9 mm	2-5/8″ (68 mm)
23-1212SS	6	10 mm	2-11/16″ (69 mm)
23-1214SS	7	11 mm	2-11/16″ (69 mm)
23-1216SS	8	12 mm	2-11/16″ (69 mm)
23-1218SS	9	13 mm	2-11/16″ (69 mm)
23-1219SS	10	14 mm	2-11/16″ (69 mm)

JACKSON Trachea Tubes, short length, short pattern, wing lock

REF	Size	O.D.	Length
23-1240SS	00	3 mm	1-5/16″ (33 mm)
23-1243SS	2	6 mm	1-3/4″ (44 mm)
23-1244SS	3	7 mm	1-7/8″ (48 mm)
23-1245SS	4	8 mm	2-1/16″ (52 mm)
23-1246SS	5	9 mm	2-3/16″ (56 mm)
23-1247SS	6	10 mm	2-3/16″ (56 mm)
23-1248SS	7	11 mm	2-3/16″ (56 mm)
23-1249SS	8	12 mm	2-3/16″ (56 mm)
23-1250SS	9	13 mm	2-3/16″ (56 mm)
23-1251SS	10	14 mm	2-3/16″ (56 mm)





23-1154SS



23-1214SS

Cleaning Brushes for Trachea and Laryngectomy Tubes, nylon bristles with stainless wire handles

			Length
23-1600	small brush	for tubes sizes 2 - 5	6″ (15.2 cm)
23-1602	large brush	for tubes sizes 6 - 12	8″ (20.3 cm)



23-1600
23-1602

Suction Tubes

REF	Description	Type	Size	Length
10-310	MILTEX POOLE Suction Tube	curved	23 French, (7.6 mm)	-
10-312	MILTEX POOLE Suction Tube	straight	30 French, (9.9 mm)	-
19-562	WILLIAM HOUSE Suction-Irrigation Tube	1.8 mm suction tube and 1.8 mm irrigating tube	5 x 5 French	9.5 cm working length
19-563	WILLIAM HOUSE Suction-Irrigation Tube	2.5 mm suction tube and 2 mm irrigating tube	6 x 8 French	9.5 cm working length
19-564	WILLIAM HOUSE Suction-Irrigation Tube	3 mm suction tube and 2 mm irrigating tube	6 x 9 French	9.5 cm working length
19-565	WILLIAM HOUSE Suction-Irrigation Tube	4.5 mm suction tube and 2 mm irrigating tube	6 x 14 French	9.5 cm working length
19-570	FRAZIER Suction Tube	angled, with finger cut-off	6 French, 2 mm	-
19-572	FRAZIER Suction Tube	angled, with finger cut-off	7 French, 2.3 mm	-
19-573	FRAZIER Suction Tube	angled, with finger cut-off	8 French, 2.6 mm	-
19-574	FRAZIER Suction Tube	angled, with finger cut-off	9 French, 3 mm	-
19-575	FRAZIER Suction Tube	angled, with finger cut-off	10 French, 3.3 mm	-
19-576	FRAZIER Suction Tube	angled, with finger cut-off	11 French, 3.6 mm	-
19-577	FRAZIER Suction Tube	angled, with finger cut-off	12 French, 4 mm	-
20-460	FRAZIER FERGUSON Suction Tube	straight, with finger cut-off	9 French (3 mm)	-
20-466	COUPLAND Suction Tube	2 interchangeable tips	-	10” (25.4 cm)



10-310 **10-312** **19-562 to 19-565** **19-570 to 19-577** **20-460** **20-466**

Suction Tubes

REF	Description	Type	Length
2-104SS	YANKAUER Suction Tube	removable tip and tubing connection	11-3/4" (29.8 cm)
2-106SS	Tip for YANKAUER Suction Tube	fits REF# 2-104SS	-
2-109	YANKAUER Petite Suction Tube	removable tip, delicate pattern	8-1/2" (21.6 cm)
2-110SS	ANDREWS-PYNCHON Suction Tube	delicate pattern	10" (25.4 cm)
2-111SS	Tip for ANDREWS-PYNCHON	fits REF# 2-110SS	-
10-220	ANTHONY Suction Tubes	lumen 2 mm, chrome	10" (25.4 cm)



2-104SS
2-106SS



2-109



2-110SS
2-111SS



10-220

Suction Tubes

REF	Description	Type	Size	Length
19-580	BARON Suction Tube	finger cut-off	3 French (1 mm)	working length 7.5 cm
19-582	BARON Suction Tube	finger cut-off	5 French (1.7 mm)	working length 7.5 cm
19-584	BARON Suction Tube	finger cut-off	7 French (2.3 mm)	working length 7.5 cm
19-589	ANTHONY Mastoid Suction Tube	3 mm lumen	6-1/2" (16.5 cm)	-
19-1820	Ear Suction Tube	2 interchangeable tips	20 ga. & 22 ga.	-
26-780	ADSON Suction Tube	finger valve & obturator	11 French (3.6 mm)	6" (15.2 cm)
26-782	ADSON Suction Tube	finger valve & obturator	15 French (5 mm)	8" (20.3 cm)
28-370	BUIE Suction Tube	finger valve	15 French (5 mm)	16" (40.6 cm)



19-580 to 19-584



19-589



19-1820



26-780
26-782



28-370

MILTEX® TEAT INSTRUMENTS

Teat.....191



Teat Instruments

REF	Description	Type	Length
V96032	Danish Model Teat Knife	-	-
V96033	CORNELL Teat Curette	-	-
V96034	UDALL BISTOURI Teat	-	-
V96036	CHRISTENSEN Teat Scissors	-	-
V96037	Swedish Model Curette	-	-
V96038	HUGS Teat Knife, stainless steel	blunt	6" (15.2 cm)
V96044	LICHTY Teat Knife	sharp	5-1/2" (14 cm)
V96045	LICHTY Teat Knife	blunt	5-1/2" (14 cm)
6035	CORNELL Curette	-	6-3/4" (17.1 cm)



V96038



V96044



V96045



6035

MILTEX® NAIL & HOOF INSTRUMENTS

Small Animal Toenail Nippers.....193

Cat Claw Scissors.....194

Foot Rot Shears.....194



Nail Instruments

REF	Description	Type	Length
1721	Guillotine Nail Scissors	-	5" (12.7 cm)
1718-SS	WHITE Toenail Scissors	-	4-1/2" (11.4 cm)
1720	Small Animal Toenail Nipper	with latch lock	5-1/4" (13.3 cm)
40-245-SS	Tissue & Cuticle Nipper	convex jaws, stainless	4" (10.2 cm)
40-250-SS	Tissue & Cuticle Nipper	convex jaws, stainless	4-1/2" (11.4 cm)
40-251-SS	Tissue & Cuticle Nipper	convex jaws, stainless	5" (12.7 cm)
40-252	Tissue & Cuticle Nipper	convex jaws, heavy pattern, stainless	5" (12.7 cm)

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



1721



1718-SS



1720



40-245-SS



40-250-SS



40-251-SS



40-252

Hoof Care & Grooming

REF	Description	Type	Length
6300	Fetlock Clipper	with wing nut, 17 X 19 teeth	6" (15.2 cm)
6301	Set of two blades	17 X 19 teeth for Fetlock Clipper	-
6302	Wing Nut	fits Fetlock Clipper	-
V91725	Hoof Knife	3/8 Blade	-
V91726	Hoof Knife	5/8 Blade	-
V91727	HUGHES Hoof Groover	-	-
V91728	HUGHES Hoof Curette	-	-
V91729	Foot Rot Shears	heavy duty spring	9" (22.9 cm)
V91730	Hoof Tester	stainless steel	13" (33 cm)
V91731	Hoof Tester Heavy Duty	-	-
V91732	Hoof Pick	-	-



6300



V91729



V91730

MILTEX® SYRINGES

Local Anesthesia 196

Automatic Dosing Syringe 197



Local Anesthesia

REF	Description	Type
017-29320	LUER SYRINGE	3 ml - LOCK TIP
76-40	Petite Aspirating Syringe CW	Blue Silicone Grips
76-42	Petite Aspirating Syringe CW	Red Silicone Grips
76-43	Petite Aspirating Syringe CW	Purple Silicone Grips
76-70	Aspirating Syringe	COOK-WAITE (CW)
77-70	Petite Aspirating Syringe	COOK-WAITE (CW)



017-29320



76-40



76-42



76-43



76-70



77-70

"Regional anesthesia provided by local anesthetic agents induces complete peripheral nerve blockade for oral surgery procedures. Blood pressure, heart rate, respiration rate, cardiac output, tissue perfusion, and body temperature are maximized at low inhalant percentages. Regional nerve blocks also provide an opiate sparing effect that reduces analgesic requirements postoperatively. Preemptive analgesia may also play a role in minimizing central sensitization and "wind up" pain. Nerve blocks are performed in all oral surgical procedures in our practice to provide greater patient comfort and safety."

Brett Beckman, DVM, DAVDC, DAAPM
President, American Veterinary Dental Society
Fellow, Academy of Veterinary Dentistry

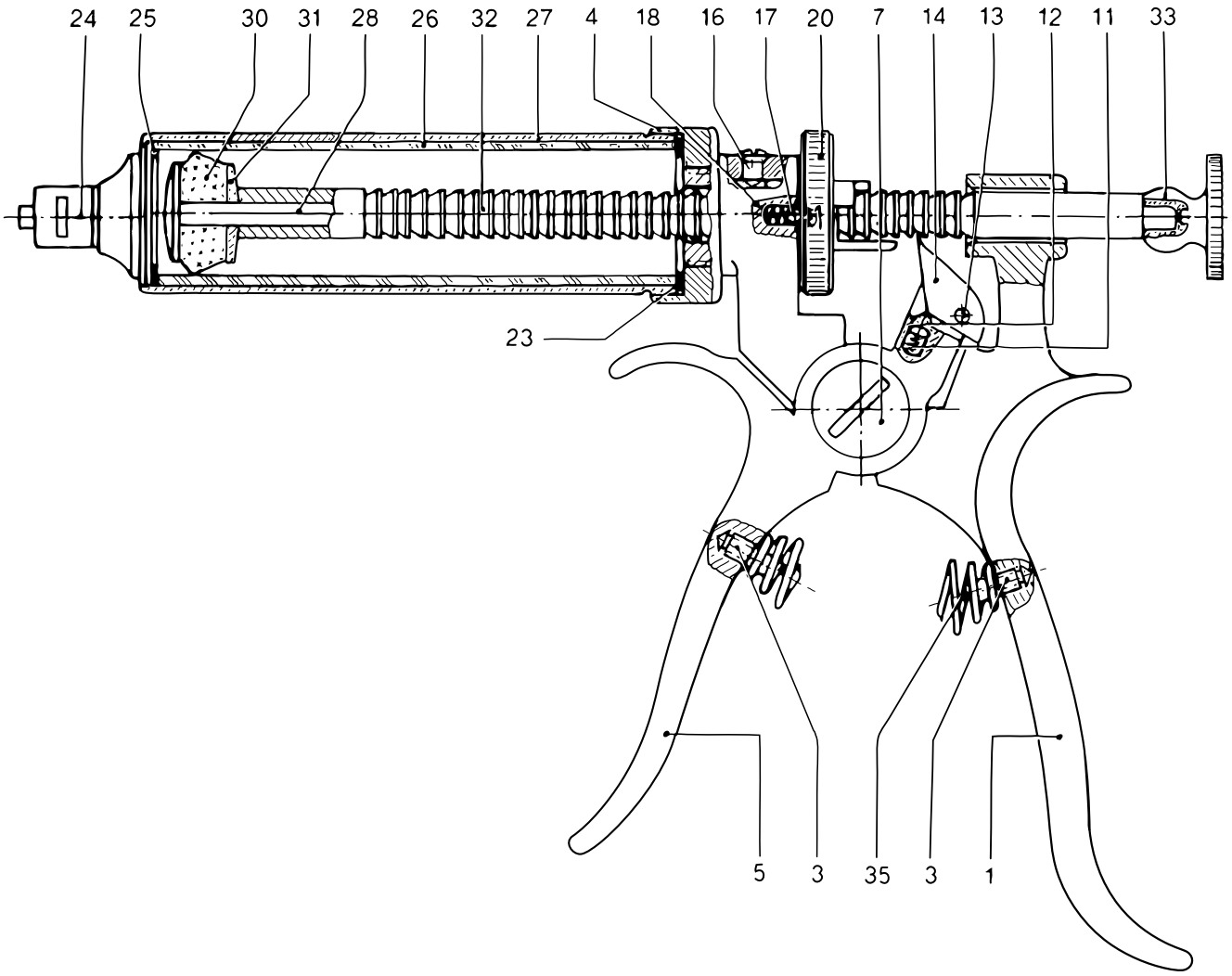
Automatic Dosing Syringe

REF	Description	Type
6501	ROUX Automatic Revolver Syringe	solid brass, nickel plated, 20 cc capacity, Luer lock attachment, adjusts to 1/2 cc, 1 cc, 1-1/2 cc, 2 cc and 2-1/2 cc dosage

DIAGRAM For 6501		REF
1	Rear Handle	-
4	Connecting Piece	-
20	Dosage Setting Wheel	-
23/25	**Washer Set for Glass Barrel**	**6501-23/25**
24	Front End w/Luer Lock	-
26	**Dura-Glass Barrel**	**6501-26**
27	Metal Tube to hold Glass Barrel	-
28	Inner Rod	-
30	**Silicone Piston**	**6501-30**
31	**Piston Compression Disc**	**6501-31**
32	Piston Rod w/Ratchet Teeth	-

DIAGRAM For 6501		REF
3	Spring Holding Screws	-
5	Forward Handle	-
7	Large Locking Screw	-
11	Spring for Ratchet Tip, stainless	-
12	Cap for No. X11 Spring	-
13	Screw for Ratchet Tip	-
14	Ratchet Tip, stainless	-
16	Grub Screw	-
17	Steel Ball for Dosage Setting Wheel, stainless	-
18	Spring for Dosage Setting Wheel, stainless	-
33	Knurled Knob	-
35	Coil Spring for handles, stainless	-

*** Items in bold are available for purchase**



MILTEX® GENERAL DENTISTRY INSTRUMENTS

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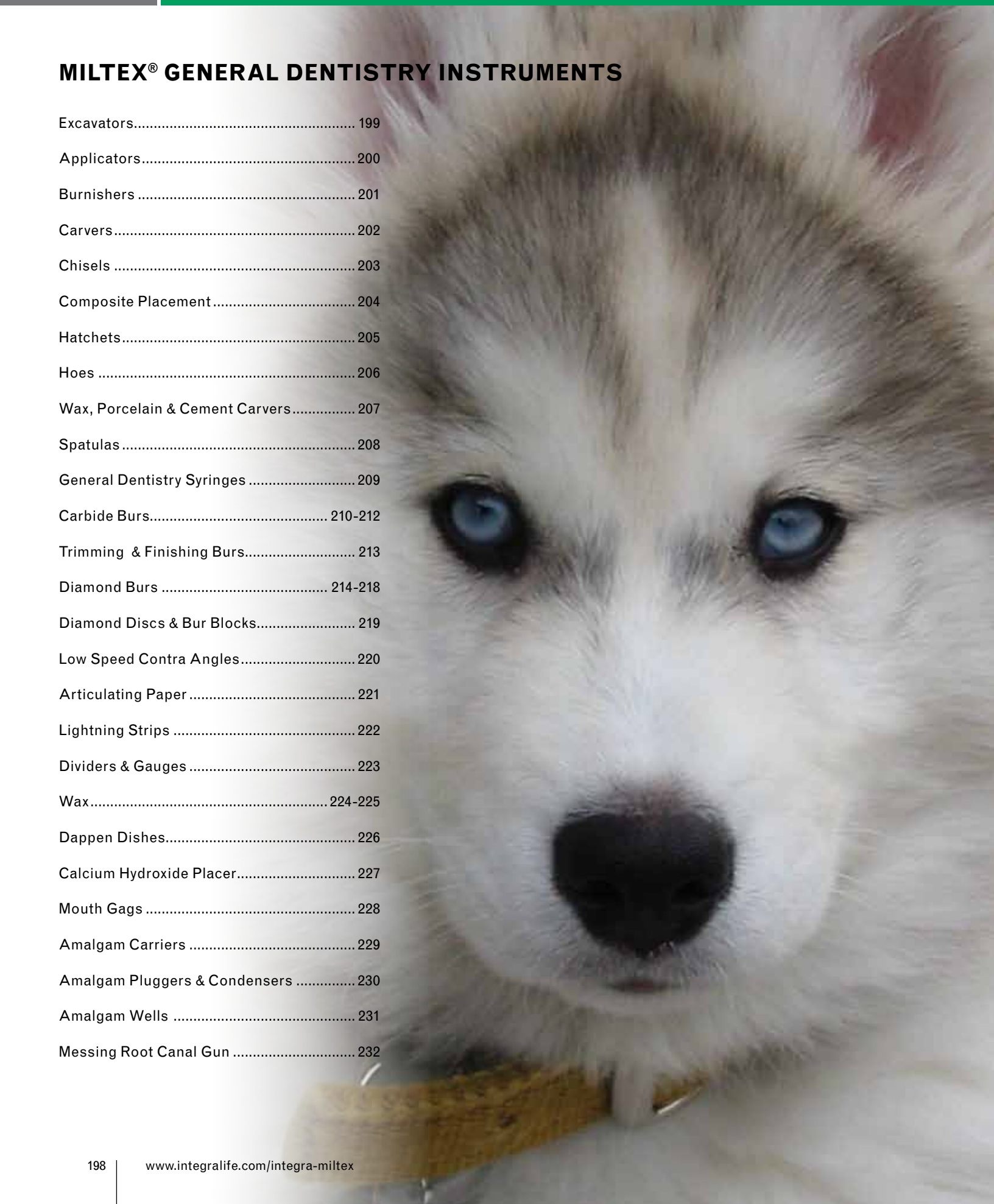


Excavators

Excavators are used to remove dental materials.

Description		GripLite®S⁶	Tactile Tone™	Octagonal
1.15mm Discoid (38-39) (11.5-7-14)		80-6303	THE115	-
1.5mm Discoid (15-8-14)		80-6304	THE15	-
#17		-	-	70-4
#18		-	-	70-6
#19		-	-	70-8
#22		-	-	70-18
#3/6 Cleoid/Discoid		-	-	70-20
18 Tear-Drop		-	THE18	-
19 Tear-Drop		-	THE19	-
#31L		80-6300	THE31L	70-14
#33L		80-6302	THE33L	70-16
E2 Discoid (15-9-15)		80-6307	THEE2	-



GripLite S⁶



Tactile Tone™

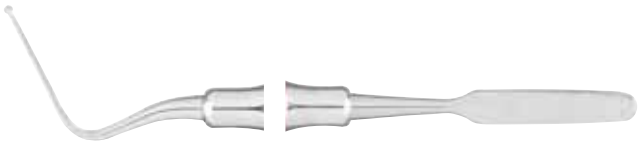
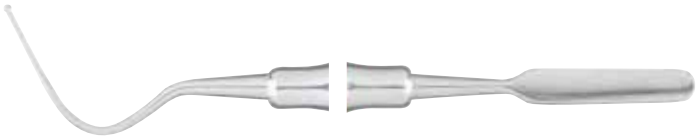


Octagonal

*Tip images are enlarged to show more detail

Applicators

Applicators are used to place dental materials in cavity preparation.

Description	GripLite®S⁶	Tactile Tone™
 Applicator 1-2	-	TBAP12
 Birtles Applicator Spatula	80-6601	TBBR
 Birtles Applicator Spatula K	-	TBBRK

*Tip images are enlarged to show more detail

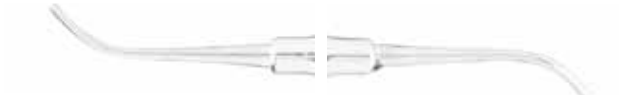


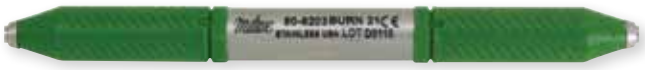


Tactile Tone™

Burnishers

Burnishers are used to smooth amalgam after condensing.
These instruments can also be used with other restorative materials.

Description		GripLite®S⁶	Tactile Tone™
1mm - 1.5mm		-	TB115
26-28		-	TB2628
26-30		-	TB2630
27-30		-	TB2730
Acorn 21		80-6203	TB21
NYU B1		-	TBNYUB1
Pitts Pedo 18		-	TB18P
Pitts Pedo 19		-	TB19P
PKT 1		80-6200	TNPKT1
PKT 3		-	TBPKT3



GripLite S⁶



Tactile Tone™

*Tip images are enlarged to show more detail

Carvers

Carvers are used to carve occlusal anatomy into amalgam (pits and fissures). These instruments can also be used with other restorative materials.

Description		GripLite®S⁶	Tactile Tone™
Baum Interproximal		80-6401	TCIP
Cleoid Discoid 2mm		80-6405	TCCD2
Cleoid Discoid 3mm		80-6408	TCCD3
Hollenback 1/2		80-6400	TCHL12
Hollenback 3		80-6403	TCHL3
Interproximal 1		-	TCIP1
Interproximal 2		80-6407	TCIP2
PKT 4		80-6404	TCPKT4
Tanner 5		80-6406	TCTN5
University of Minnesota 1		80-6402	TCUM1



GripLite S⁶



Tactile Tone™

*Tip images are enlarged to show more detail

Chisels

Chisels are used to smooth and cut enamel in cavity preparation.

Description	Tactile Tone™
 .6mm - 1mm Mon-Angle	THCM61
 1.5mm Bin-Angle (15-8-8)	THCB15
 1.5mm Straight (15)	UHC15
 17-18 Bin-Angle	THCB1718



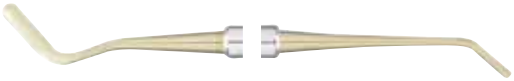
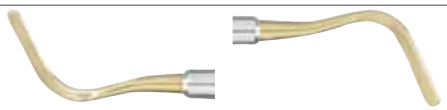
Tactile Tone™

*Tip images are enlarged to show more detail

Composite Placement

Composite placement instruments provide application control over white restoration materials.
Sticky composite material will not adhere to the smooth surface, allowing exact contouring.

These instruments are used to carry composite material, to place and condense composite material and to carve composite material in cavity preparation.

Description		GripLite®S⁶	Tactile Tone™	Round
2		80-6002	TD2X	-
4		-	TD4X	-
5		80-6005	TD5X	-
6		-	TD6X	-
9		-	TD9X	-
12		-	TD12X	-
F-TYPE 4		80-6004	TD4X	70-204
F-TYPE 6		80-6006	TD6X	70-206
G-TYPE 2		80-6012	TD12X	70-212
G-TYPE 3		80-6009	TD9X	70-213
G-TYPE 4		80-6034	TD8X	70-214



GripLite S⁶



Tactile Tone™

*Tip images are enlarged to show more detail



Round

Hatchets

Hatchets are used to clean and smooth cavity preparation walls and unsupported enamel.

Description	Tactile Tone™
 1mm (10-7-14)	THH1
 1.5mm (15-8-14)	THH15
 8-9 (10-7-14)	THH1B
 Gold Foil 13 Off-Angled	TGF13
 Gold Foil 15 Angled	TGF15

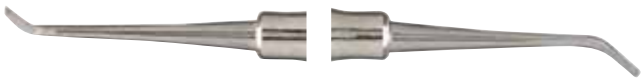


Tactile Tone™

*Tip images are enlarged to show more detail

Hoes

Hoes are used to loosen or dislodge heavy supramarginal calculus by using a pull stroke.

Description	Tactile Tone™
 .8mm - 1.2mm Mon-Ang	THHO812
 1.3mm (13-10-16)	THHO13
 Orban 6-7 TPOR67	
 Orban 8-9 TPOR89	
 Rhodes 36-37	TKRH3637
 UWH 18-19	TPH1819



Tactile Tone™

*Tip images are enlarged to show more detail

Wax, Porcelain & Cement Carvers

Wax Carvers are used to carve and cut wax during impressions and other dental applications involving dental wax. Porcelain carvers are used for carving porcelain material during inlays/onlays and crown preparations.

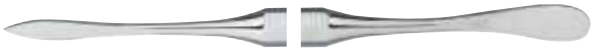
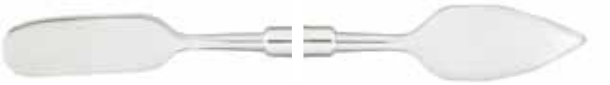
Description	Octagonal
 Hollenback 3	73-36
 Hollenback 3S	73-38
 Wall 3	73-46
 PKT1	73-24
 PKT2	73-26
 PKT3	73-28
 PKT4	73-30
 PKT5	73-32
Set of PK Instruments	73-34



Octagonal

*Tip images are enlarged to show more detail

Spatulas

Description	GripLite®S⁶	Tactile Tone™	Octagonal
 W-31	-	-	73-58
 W-7	-	-	73-62
 W-7A	-	-	73-64
 C-22	-	-	73-68
 C-24 Flexible	80-6600	UB24	73-70
 C-24A Rigid	-	-	73-72
 C-5	-	-	73-76
 C-7	-	-	73-78
 7 Wax Double Ended	80-6602	TB7WAX	-
 31 Wax Double Ended	-	TB31W	-



GripLite S⁶



Tactile Tone™



Octagonal

*Tip images are enlarged to show more detail

General Dentistry Syringes

The water syringe has a chromium-plated brass point. The stainless float assures quick filling.

REF	Description
013-29001	Syringe, Water
013-29030	Syringe, Chip Blower
013-29060	Syringe, Hot Air
013-97200	Syringe, Presto Point Only
013-97210	Syringe, Chip Blower Syringe Point Only
017-97204	Red Rubber Bulb 211A no Valve



013-27200



013-27210





013-29001

013-29030

013-29060

017-97204

Luer Syringes

The metal-tipped, glass Luer Syringe is fitted with 21-gauge x 1" blunt needles.

REF	Description
017-29310	Syringe, Luer 2 ml - Lock Tip
017-29320	Syringe, Luer 3 ml - Lock Tip
017-29330	Syringe, Luer 5 ml - Lock Tip
017-29340	Syringe, Luer 10 ml - Lock Tip
017-29321	Syringe, Luer 3 ml with 3 Needles
017-29331	Syringe, Luer 5 ml with 3 Needles
017-29341	Syringe, Luer 10 ml with 3 Needles



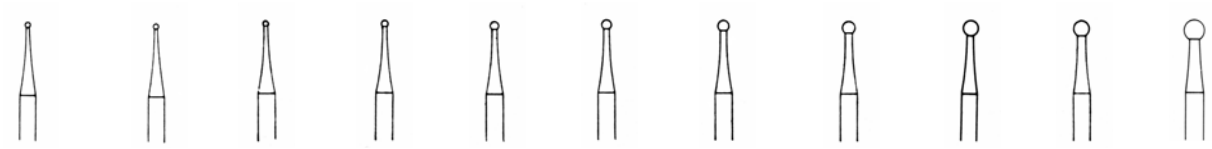
017-29321

Tungsten Carbide Burs

KEY	Type	Length
FG	Friction Grip	19 mm long (10/pk)
RA	Right Angle Latch	22 mm long (10/pk)
HP	Hand Piece	44 mm long (5/pk)
FG-SU	Friction Grip Surgical	30 mm long (10/pk)
FG-S	Friction Grip Short Shank	15 mm long (10/pk)

Round (spherical) - Used for opening and shaping cavity preparations, caries and soft tissue removal and to open the tooth for root canal





		1/4	**1/2**	1	**2**	3	**4**	5	**6**	7	8	10
FG	**REF**	**DFG1/4**	**DFG1/2**	DFG1	**DFG2**	DFG3	**DFG4**	DFG5	**DFG6**	DFG7	DFG8	–
RA	**REF**	–	DRA1/2	DRA1	DRA2	DRA3	DRA4	DRA5	DRA6	DRA7	DRA8	–
HP	**REF**	DHP1/4	DHP1/2	DHP1	DHP2	DHP3	DHP4	DHP5	DHP6	DHP7	DHP8	DHP10
FG-SU	**REF**	–	DFG1/2SU	–	DFG2SU	–	DFG4SU	–	DFG6SU	–	DFG8SU	–

Crosscut Fissure Taper Used for smoother cutting and to more aggressively create angled sides, flat floors, shoulders and tapered walls. Used to avoid undercuts on crown preparations

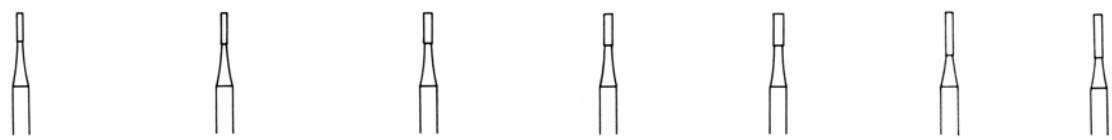




		699	700	**701**	702	703	699L	700L	**701L**
FG	**REF**	DFG699	DFG700	**DFG701**	DFG702	DFG703	DFG699L	DFG700L	**DFG701L**
RA	**REF**	DRA699	DRA700	DRA701	DRA702	DRA703	–	–	–
HP	**REF**	DHP699	DHP700	DHP701	DHP702	DHP703	–	–	–
FG-SU	**REF**	–	DFG700SU	DFG701SU	DFG702SU	DFG703SU	–	–	–

Crosscut Fissure Straight Used for smoother cutting and to more aggressively cut parallel sides and flat surfaces, flat floors, shoulders and straight walls.





		556	557	558	559	560	557L	558L
FG	**REF**	DFG556	DFG557	DFG558	DFG559	DFG560	DFG557L	DFG558L
RA	**REF**	DRA556	DRA557	DRA558	DRA559	–	–	–
HP	**REF**	DHP556	DHP557	DHP558	DHP559	DHP560	–	–
FG-SU	**REF**	–	DFG557SU	DFG558SU	DFG559SU	–	–	–

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

Tungsten Carbide Burs

Crosscut Fissure Straight - Round Head






		1557	1558	1559
FG	**REF**	DFG1557	DFG1558	DFG1559
HP	**REF**	DHP1557	DHP1558	–
FG-SU	**REF**	–	DFG1558SU	–

Pear







		329	**330**	331	332
FG	**REF**	DFG329	**DFG330**	DFG331	DFG332

Fissure Straight

Used for cutting parallel sides and flat surfaces, flat floors, shoulders and straight walls










		56	57	58	59	60	57L	58L
FG	**REF**	DFG56	DFG57	DFG58	DFG59	DFG60	DFG57L	DFG58L

Amalgam Preparation




		245
FG	**REF**	DFG245

Wheel




		14
FG	**REF**	DFG14

End Cutting





		957	958
FG	**REF**	DFG957	DFG958

Taper Dome





		1170	1171
FG	**REF**	DFG1170	DFG1171

Plain Fissure Straight - Round Head







		1156	1157	1158	1159
FG	**REF**	DFG1156	DFG1157	DFG1158	DFG1159

Plain Fissure Taper

Used to create angled sides, flat floors, shoulders and tapered walls










		169	170	171	172	169L	170L	171L
FG	**REF**	DFG169	DFG170	DFG171	DFG172	DFG169L	DFG170L	DFG171L

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

Tungsten Carbide Burs (cont.)

Inverted Cone










		33 1/2	**34**	35	**36**	37	**38**	39
FG	**REF**	DFG331/2	**DFG34**	DFG35	**DFG36**	DFG37	**DFG38**	DFG39
RA	**REF**	DRA331/2	DRA34	DRA35	DRA36	DRA37	DRA38	DRA39
HP	**REF**	DHP331/2	DHP34	DHP35	DHP36	DHP37	DHP38	DHP39

Tungsten Carbide Burs (100/pk)

Friction Grip Clinic Packs



ROUND

REF
DFG1/4-CL
DFG1/2-CL
DFG2-CL

REF
DFG4-CL
DFG6-CL
DFG8-CL

INVERTED CONE

REF
DFG331/2-CL
DFG34-CL
DFG35-CL

PLAIN FISSURE STRAIGHT

REF
DFG56-CL
DFG57-CL

AMALGAM PREP

REF
DFG245-CL

PEAR

REF
DFG330-CL
DFG331-CL

CROSS CUT FISSURE STRAIGHT

REF
DFG556-CL
DFG557-CL
DFG558-CL

CROSS CUT TISSUE TAPER

REF
DFG700-CL
DFG701-CL

PLAIN TISSUE STRAIGHT ROUND HEAD

REF
DFG1157-CL

CROSS CUT FISSURE STRAIGHT ROUND HEAD

REF
DFG1557-CL
DFG1558-CL

Steel Surgical Burs

Miltex® burs are brazed lower in the neck of the instruments to strengthen the burs and to reduce breakage.

- Stainless steel
- Right Angle (RA) also known as Latch Type Only
- 28 mm bur
- 6/pk






US No.	2	4	6	8
ISO No.	010	014	018	023
REF	017-33700	017-33701	017-33702	017-33703

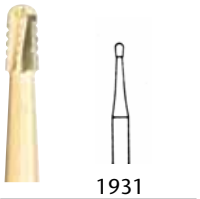
*Items in **bold** represent the most popular patterns.

Trimming & Finishing Burs

Trimming and Finishing burs are designed for shaping and finishing all dental materials. These instruments provide a smoother aesthetic surface.

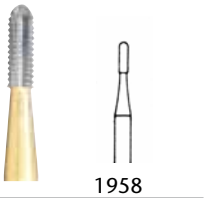
- 1 bur per package
- Friction Grip (FG) only

Fine Crosscut Pear Shape



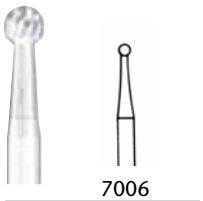
	1931
FG	DFG1931-5

Fine Crosscut Straight Dome



	1958
FG	DFG1958-5

T&F Round



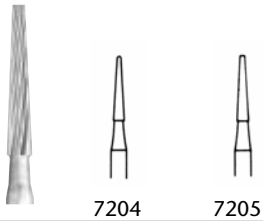
	7006
FG	DFG7006-5

T&F



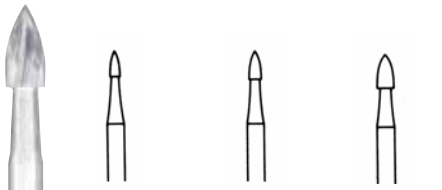
	7606
FG	DFG7606-5

T&F Cone



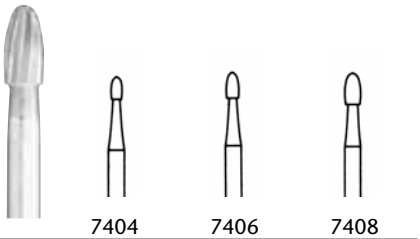
	7204	7205
FG	DFG7204-5	DFG7205-5

T&F Flame



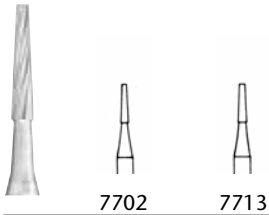
	7104	7106	7108
FG	DFG7104-5	DFG7106-5	DFG7108-5

T&F Egg



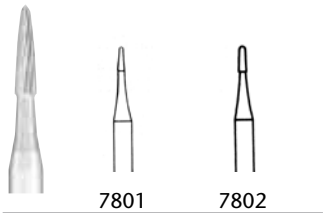
	7404	7406	7408
FG	DFG7404-5	DFG7406-5	DFG7408-5

T&F Taper & Finishing



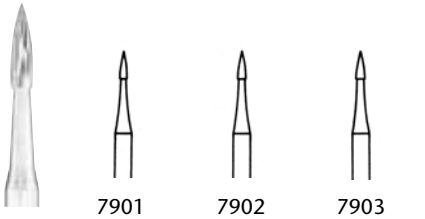
	7702	7713
FG	DFG7702-5	DFG7713-5

T&F Bullet



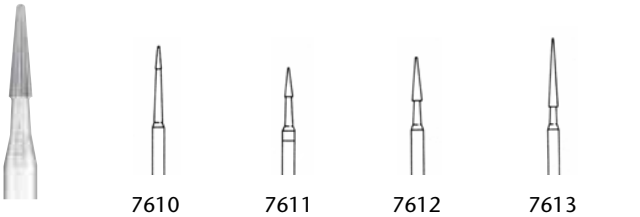
	7801	7802
FG	DFG7801-5	DFG7802-5

T&F Needle



	7901	7902	7903
FG	DFG7901-5	DFG7902-5	DFG7903-5

T&F Perfect Trimming



	7610	7611	7612	7613
FG	DFG7610-5	DFG7611-5	DFG7612-5	DFG7613-5

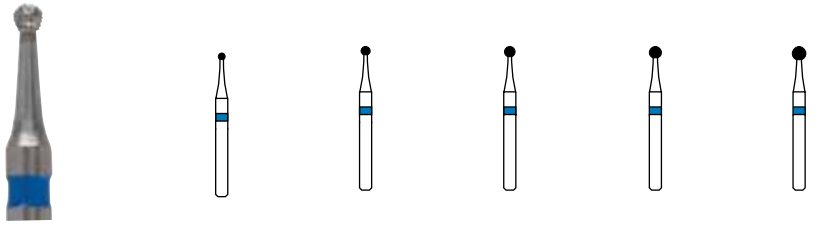
Diamond Burs

Miltex® Diamond Burs are produced using a coating technique that assures approximately 85% of the working surface is coated with a uniform diamond grit.

Color-code rings or gold plated shafts easily identify the grit. The markings conform to ISO standards.

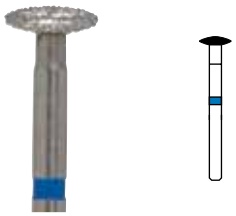
Code	Grit	Marking
EF	Extra Fine	Gold band or gold-plated shaft
F	Fine	Red band
M	Medium	Blue band
C	Coarse	Green band

Round



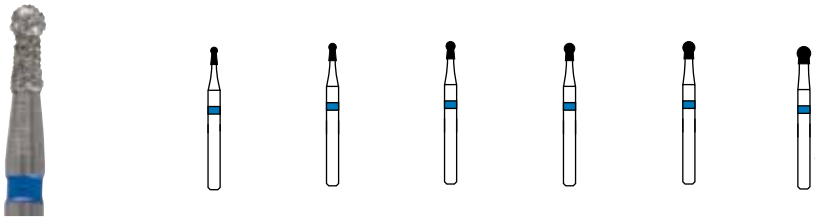
Shape	801	801	801	801	801
Diameter (1/10 mm)	9	10	14	16	18
M	**801/009**	**801/010**	**801/014**	**801/016**	**801/018**
C	-	-	**801G014**	-	-

Knife Edge



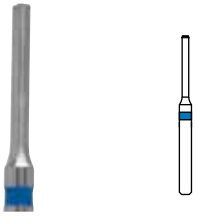
Shape	825
Diameter (1/10 mm)	42
M	825/042

Round Extended



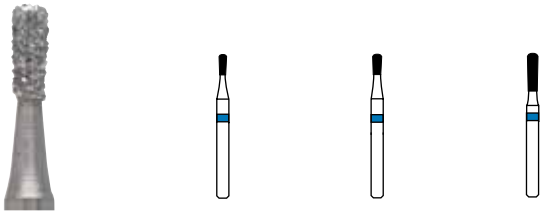
Shape	802	802	802	802	802	802
Diameter (1/10 mm)	9	10	12	14	16	18
M	802/009	802/010	802/012	802/014	802/016	802/018
C	-	-	-	802G014	-	-

End Cutting



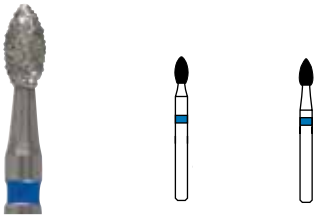
Shape	839
Diameter (1/10 mm)	10
M	839/010

Pear



Shape	808	808	808
Diameter (1/10 mm)	10	12	14
M	**808/010**	**808/012**	**808/014**

Pear

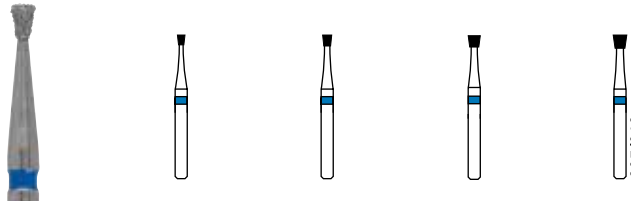


Shape	831	832
Diameter (1/10 mm)	18	18
M	831/018	832/018

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

Diamond Burs (cont.)

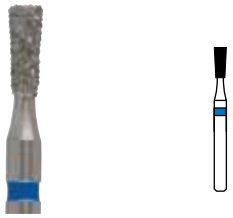
Inverted Cone



Shape	805	**805**	805	805
Diameter (1/10 mm)	10	**12**	16	18
M	805/010	**805/012**	805/016	805/018
C	-	**805G015**	-	805G018

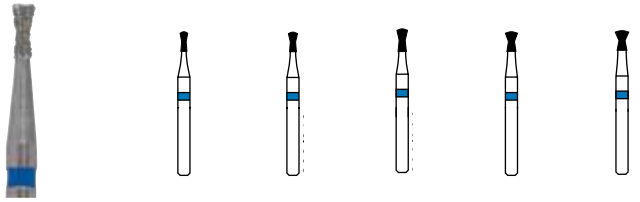
*Items in **bold** represent the most popular patterns.

Long Inverted Cone



Shape	807
Diameter (1/10 mm)	16
M	807/016
C	807G016

Inverted Cone with Collar



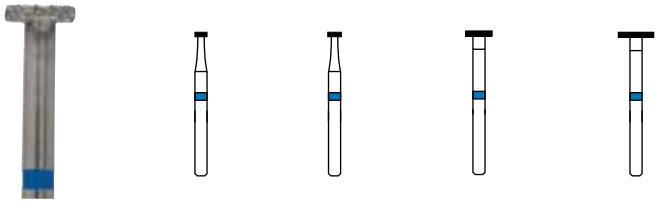
Shape	806	806	806	806	806
Diameter (1/10 mm)	10	12	14	16	18
M	806/010	806/012	806/014	806/016	806/018
C	806G012	-	806G016	-	-

Wheel with Collar



Shape	819
Diameter (1/10 mm)	14
M	819/018

Wheel



Shape	818	818	818	818
Diameter (1/10 mm)	14	18	35	47
M	818/014	818/018	818/035	818/047

Wheel Rounded

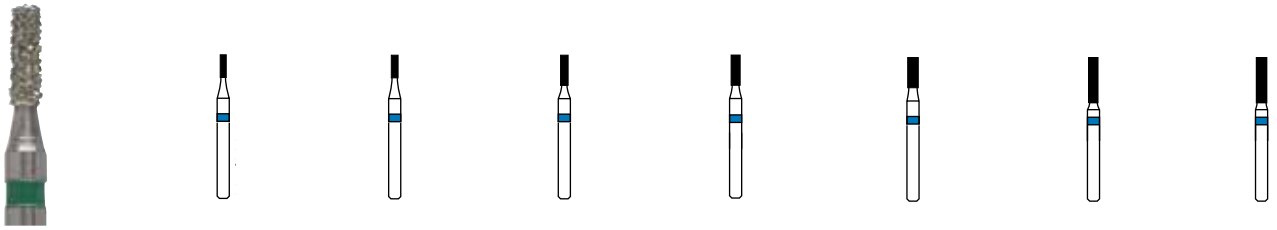


Shape	909
Diameter (1/10 mm)	35
M	909/035
C	909G035

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

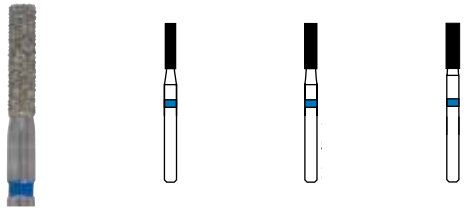
Diamond Burs (cont.)

Flat End Cylinder



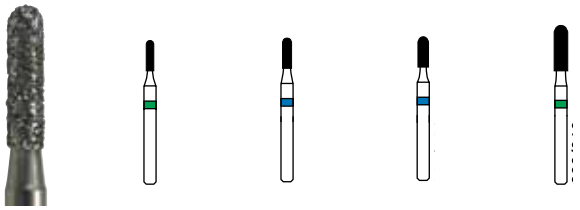
Shape	835	835	835	835	835	836	836
Diameter (1/10 mm)	8	9	10	12	14	12	14
M	**835/008**	**835/009**	**835/010**	**835/012**	**835/014**	**836/012**	**836/014**
C	-	-	-	**835G012**	**835G014**	-	-

Long Flat End Cylinder



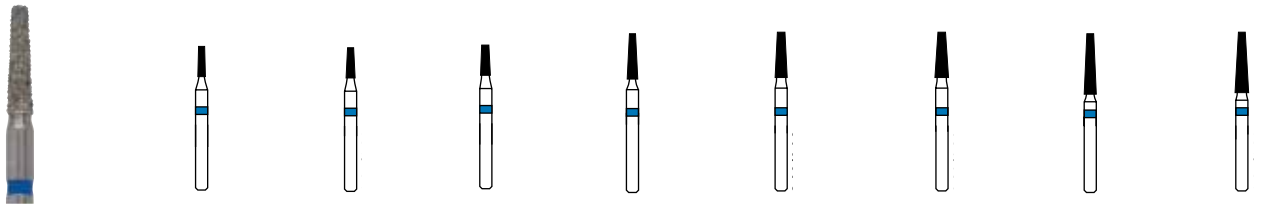
Shape	837	837	837
Diameter (1/10 mm)	14	16	18
M	**837/014**	**837/016**	**837/018**
C	-	-	**837G018**

Long Round End Cylinder



Shape	838	838	838	838
Diameter (1/10 mm)	10	12	14	16
M	838/010	838/012	838/014	838/016
C	-	-	838G014	-

Flat End Taper

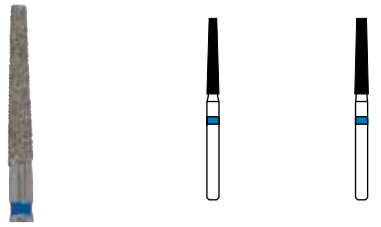


Shape	845	845	845	846	846	846	847	847
Diameter (1/10 mm)	10	12	14	14	16	18	16	18
M	845/010	845/012	845/014	846/014	846/016	846/018	847/016	847/018
C	-	-	-	-	846G016	-	-	847G018

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

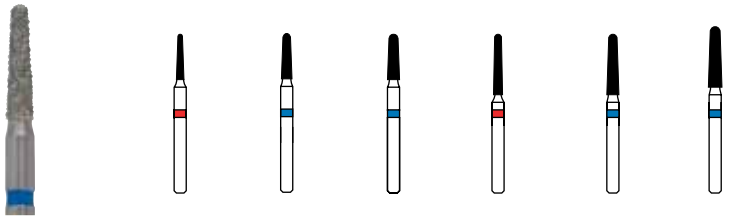
Diamond Burs (cont.)

Long Flat End Taper



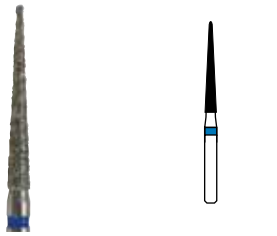
Shape	848	848
Diameter (1/10 mm)	16	18
M	848/016	848/018
C	-	848G018

Round End Taper



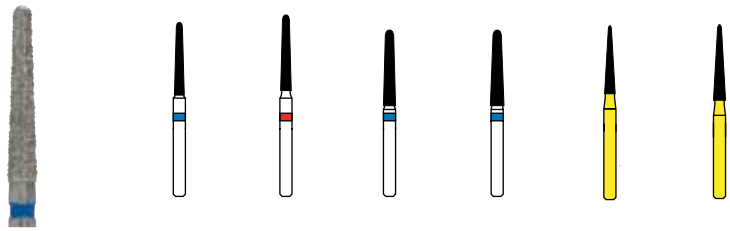
Shape	849	849	849	850	850	850
Diameter (1/10 mm)	10	14	16	12	16	18
F	**849/010**	-	-	**850/012**	-	-
M	-	**849/014**	**849/016**	-	**850/016**	**850/018**
C	-	-	**849G016**	-	-	**850G018**

Safe End Taper



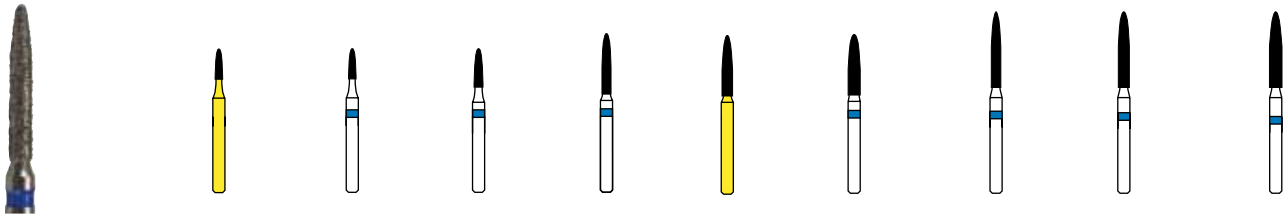
Shape	851
Diameter (1/10 mm)	15
M	851/015

Christmas Tree



Shape	852	852	852	852	853	853
Diameter (1/10 mm)	11	14	16	18	14	16
EF	-	-	-	-	853/014	853/016
F	-	852/014	-	-	-	-
M	852/011	-	852/016	852/018	-	-
C	-	-	-	852G018	-	-

Flame



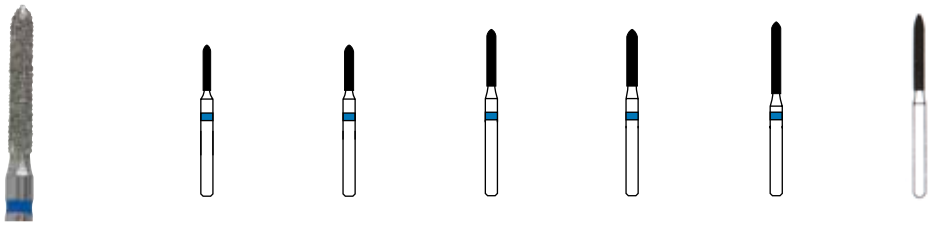
Shape	860	860	861	862	862	862	863	863	863
Diameter (1/10 mm)	9	10	12	12	14	16	12	16	18
EF	860/009	-	-	-	862/014	-	-	-	-
M	-	860/010	861/012	862/012	-	862/016	863/012	863/016	863/018
C	-	-	-	-	-	-	-	-	863G018

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

Diamond Burs (cont.)

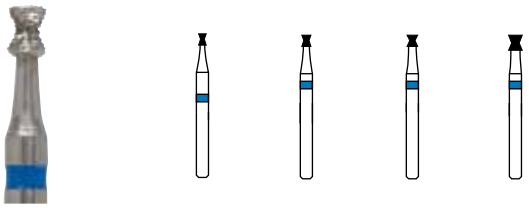
The shapes of Miltex® Diamond Burs have been modified to meet the latest requirements for dental techniques, including ceramic restoration and inlays.

Taper Round End



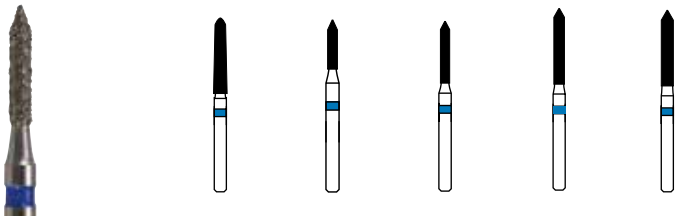
Shape	867	867	868	868	869	869
Diameter (1/10 mm)	10	12	12	14	12	14
M	867/010	867/012	868/012	868/014	869/012	869/014
C	-	-	-	868G014	-	869G014

Amalgam Remover



Shape	870	870	870	870
Diameter (1/10 mm)	10	12	14	18
M	870/010	870/012	870/014	870/018

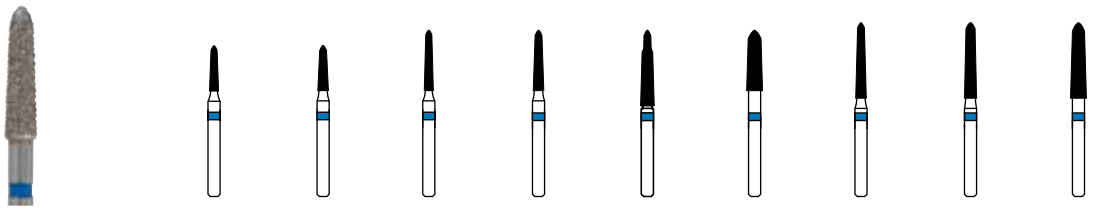
Beveled Cylinder



Shape	879	884	885	886	887
Diameter (1/10 mm)	18	12	12	14	16
M	879/018	884/012	885/012	886/014	887/016

Diamonds (KIT-CG)

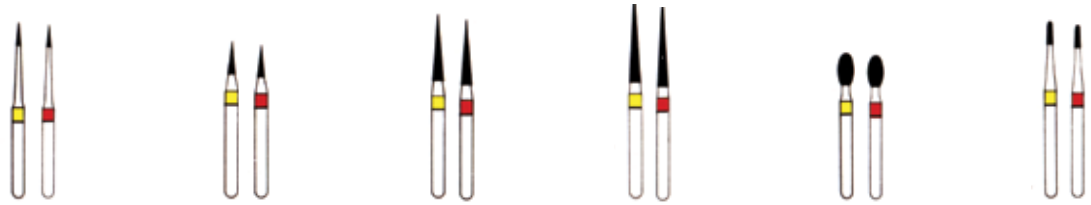
Kit contains 9 diamond burs.



REF	GC61	GC62	GC81	GC82	GC83	GC84	GC101	GC102	GC104

PT-Diamonds (KIT-PT-DIA)

Kit contains 1 each of 6 fine and extra fine PT diamond burs in a bur block.



EF	699.514.008	159.514.010	165.514.014	166.514.014	277.514.023	195.514.009
F	699.504.008	159.504.010	165.504.014	166.504.014	277.504.023	195.504.009

Diamond Discs & Bur Blocks

REF	Description	Type	Cutting width	Diameter
914/220	MILTEX Super Flex Diamond Disc	single sided diamond coating, HP only	0.10 mm	7/8" (22 mm)
915/220	MILTEX Super Flex Diamond Disc	double sided diamond coating, HP only	0.17 mm	7/8" (22 mm)
013-33810	Magnetic Bur Holder	-	-	-
017-33820	**Plastic Bur Block**	**Friction Grip, no cover, small**	-	-
017-33825	Plastic Bur Block	Right Angle, no cover, large	-	-
017-33830	Plastic Bur Block	Friction Grip with case	-	-
017-33835	Plastic Bur Block	Right Angle with case	-	-
75-48	Magnetic Bur Block, autoclavable	White without imprint	-	-



914-220



915-220



013-33810



017-33820 to 017-33853



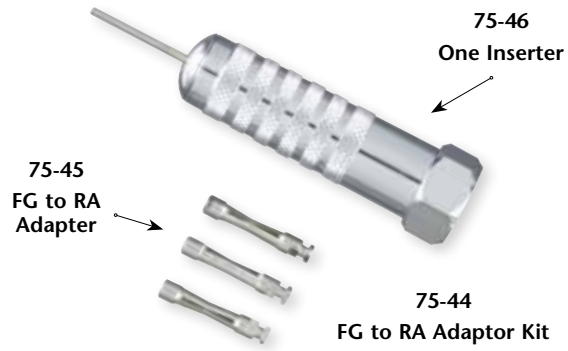
75-48

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

Low Speed Contra Angles

REF	Description
75-12	U Contra-Angle, Friction grip, 20,000 rpm, autoclavable
75-14	MILTEX Ball Bearing Deluxe U Contra-Angle, Latch type, 40,000 rpm
75-15	Autoclavable U Contra-Angle, Latch type, 20,000 rpm
75-16	FG Contra-Angle, Push-In Type, Friction grip, 20,000 rpm, autoclavable
75-40	FG to HP Converter (Friction Type)
75-44	FG to RA Adaptor Kit
75-45	FG to RA Adaptor only
75-46	FG Bur Removing-Inserting Tool
75-38	Dental Handpiece Prophy Lube Pkg of 4, 1/2 fl. oz bottles with applicators
75-38A	Handpiece Lube 1/2 fl. oz bottle
75-46	FG Bur Removing-Inserting Tool (Inserters)

Code	Description
FG	Friction Grip
RA	Right Angle Latch
HP	Hand Piece
FG-SU	Friction Grip Surgical




75-12


75-14


75-15


75-16


75-46


75-40
FG to HP Converter


75-38


75-38A

Articulating Paper & Forceps

Articodent™ is a super-sensitive articulating paper that clearly marks articulating surfaces and is stored in an easy-access dispenser.

Articulating Paper Forceps are stainless steel and the self-acting clamp holds strips straight to prevent errors.

REF	Description
013-38630	Mylardent with Dispenser
017-38640	Refill Roll for Mylardent
013-38801	Articodent with Dispenser, X-Thin Blue (25 Feet)
013-38802	Articodent with Dispenser, Thin Blue (25 Feet)
013-38803	Articodent with Dispenser, Thin Red (25 Feet)
013-38804	Articodent with Dispenser, Thick Blue (25 Feet)
017-38811	Articodent Refill Roll, X-Thin Blue (25 Feet)
017-38812	Articodent Refill Roll, Thin Blue (25 Feet)
017-38813	Articodent Refill Roll, Thin Red (25 Feet)
017-38814	Articodent Refill Roll, Thick Blue (25 Feet)
76-1	Posigrip Articulating Paper Forceps
76-3	VANTAGE Articulating Paper Forceps



017-38640
013-38801
013-38802
013-38803
013-38804



017-38811
017-38812
017-38814



017-38813



76-1



76-3

Lightning Strips

Lightning strips are made of resilient, high-strength materials.

• 10 strips per pack

	Type	Narrow (2.38 mm)	Medium (3.17 mm)	Wide (3.97 mm)	Assorted
Fine	Safe Sided	620-81010	620-81030	620-81050	620-81210
Medium	Safe Sided	620-81070	620-81090	620-81110	620-81230
Coarse	Safe Sided	620-81130	620-81150	620-81170	620-81250
Assorted	Safe Sided	620-81290	620-81270	620-81310	620-81190
Fine	Dual Sided	630-81330	630-81350	630-81370	630-81530
Medium	Dual Sided	630-81390	630-81410	630-81430	630-81550
Coarse	Dual Sided	630-81450	630-81470	630-81490	630-81570
Assorted	Dual Sided	630-81590	630-81610	630-81630	630-81510



620-81190



630-81510

Micro Diamonds

Micro Diamond Strips have a plastic backing and are extra durable. These strips are used to polish and finish a wide variety of dental materials.

REF	Description
404-40413	Strips, Micro Diamond Strips, Trail Pack, 6 Strips
404-40414	Strips, Micro Diamond Strips, 24 Strips



404-40414

Strip Holding Clips & Forceps

Strip Holding Forceps are designed to securely hold finishing and polishing strips during procedures, eliminating the need to hold the strip or band by hand. The 1x2 diamond-coated barrel tip gently but firmly clamps the strip, allowing precise guiding.

The forceps are sold as a pair and can be used in finishing adhesive restorations, polishing, orthodontics and prophylaxis procedures.

REF	Description
72-60	**Strip Holder Clips - 90° R.A.**
72-62	**Strip Holder Clips - 45°**
72-70	**Strip Holding Forceps, Pair**



72-60



72-62



72-70

Dividers & Gauges

Miltex offers Boley Gauges, Crown Gauges and Spring Bow Dividers. The Micro Boley Gauge features slender beaks which help gain easy intra-oral access to measure inside as well as outside dimensions.

REF	Description	Type
68-693	Crown Gauge	stainless steel
68-694	BOLEY Gauge	stainless steel
68-695	Spring Bow Divider	4-1/2" (11.4 cm) radius
68-696	Spring Bow Divider	6" (15.2 cm) radius
68-697	Micro BOLEY Gauge	stainless steel



68-693



68-694



68-695



68-696



68-697

Wax

All Season Wax

All Season Wax is a general purpose wax that can be used for impressions, waxing up and bite registrations.

REF	Description	Type	Size
106-55590	Wax	All Season	1 lb.
107-55710	Wax	All Season	5 lb.



All Purpose Extra-Tough Wax

All Purpose Extra-Tough Wax is a hard pink wax that is used for making occlusion rims and base plates.

REF	Description	Type	Size
110-56270	Wax	All Purpose X-Tough	1 lb.
110-56290	Wax	All Purpose X-Tough	5 lb.



Beauty Pink Wax

Beauty Pink Wax is used to make impressions and bite registrations. It is also excellent for carving. Miltex recommends that Beauty Pink Hard and Extra-Hard Wax be softened in hot water so the wax is heated throughout the sheet. Melting temperature is approximately 140° F.

REF	Description	Type	Size
116-56450	Wax	Beauty Pink, Soft	1 lb.
116-56570	Wax	Beauty Pink, Hard	1 lb.
117-56470	Wax	Beauty Pink, Soft	5 lb.
117-56590	Wax	Beauty Pink, Hard	5 lb.
116-56510	Wax	Beauty Pink, Medium	1 lb.
116-56630	Wax	Beauty Pink, X-Hard	1 lb.
117-56530	Wax	Beauty Pink, Medium	5 lb.
117-56650	Wax	Beauty Pink, X-Hard	5 lb.



Wax (cont.)

Beauty White Wax

Beauty White Wax is a soft wax and is used to make impressions and bite registrations.

REF	Description	Type	Size
120-57130	Wax	Beauty White Soft	1 lb.
120-57150	Wax	Beauty White Soft	5 lb.



Beeswax

Pure Beeswax is yellow in color and is used for bite registration and for forming wax impressions. Beeswax may also be used for application of fluoride treatments.

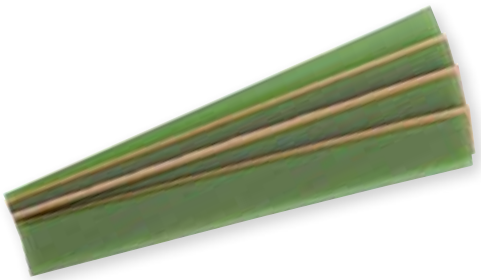
REF	Description	Type	Size
125-57250	Wax	Bees – pure	1 lb.
120-57150	Wax	Bees – pure	5 lb.



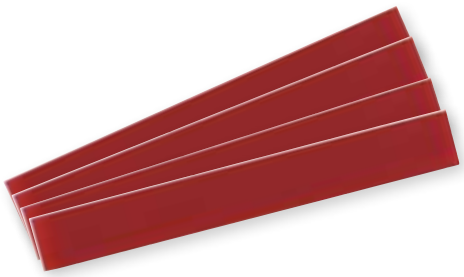
Boxing Wax

Boxing Wax is soft, pliable and cohesive at room temperature, yet firm enough to maintain its form during handling. Boxing Wax is used for boxing impressions in the pouring of casts.

REF	Description	Type	Size
140-57510	Wax	Boxing Green, Thick	1 lb.
140-57550	Wax	Boxing Red, Thick	1 lb.
140-57590	Wax	Boxing Green, Thin	1 lb.
140-57630	Wax	Boxing Red, Thin	1 lb.



140-57510
140-57590



140-57550
140-57630

Dappen Dishes

Dappen Dishes are used for mixing medicaments and other materials. Available in glass dappen dishes, plastic dappen dishes with finger hold and disposable dappen dishes.

REF	Description	Type
017-48020	**Dappen Dishes**	**Clear**
017-48021	Dappen Dishes	Green
017-48022	Dappen Dishes	Amber
017-48023	Dappen Dishes	Blue
017-48011	Dappen Dishes	Plastic, Asst. Color, 200 Pack, w/finger hold
017-48002	Dappen Dishes	Disposable, 1,000 Cups, 1 oz. cups



017-48020



017-48021



017-48022



017-48023



017-48011



017-48002

Mixing Slabs

Glass Mixing Slabs have beveled edges and are used for mixing cements and paste materials. Mixing slabs are coated with a nonstick surface to help prevent material from sticking to the slab. The polyethylene coating imparts a glossy finish that facilitates mixing of materials and the pads have a non-skid polyurethane base which anchors the pad during mixing.

REF	Description	Type
017-41710	Mixing Slabs	Nonstick Coated, 6" x 3"
017-41730	Mixing Pads	1 1/2" x 2", (100 sheets per pad, 4 pads per package)
558-25871	Mixing Slabs	Clear Glass, 4" x 2-1/2" x 1/4"
558-25875	Mixing Slabs	Frosted Glass, 4" x 2" x 1/4"
558-25890	Mixing Slabs	Clear Glass, 6" x 3" x 1/2"

017-41710



017-41730



558-25871



558-25875



558-25890

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

Miscellaneous Dental

Plastic Pipettes are used for slow, accurate placement of medicaments and are safe for use with most medicaments.

REF	Description
017-39960	Plastic Pipettes, Clear, Package of 5



017-39960

REF	Description
71-35	Calcium Hydroxide Placer



71-35

Retractors, Gags & Restraints

REF	Description	Length
2-154	DENHARDT Mouth Gag	with grip lock
63-10	MOLT Mouth Gag	petite size, fitted with silicone tubing
63-10A	Silicone Guards	fits 63-10 petite size MOLT Mouth Gag, 63-10
63-15	MOLT Mouth Gag	medium size, fitted with silicone tubing
63-15A	Silicone Guards	fits 63-15 medium size MOLT Mouth Gag
63-20	MOLT Mouth Gag	large size, fitted with silicone tubing
63-20A	Silicone Guards	fits 63-20 large size MOLT Mouth Gag
6039	Petite Mouth Gag	2-1/4" lightweight
6040	Feline Mouth Gag	3" lightweight
6041	Canine Mouth Gag	small size
6042	Canine Mouth Gag	medium size
6043	Canine Mouth Gag	large size
6600	Quick-Lock Tourniquet	complete with 32" neoprene cord
6601	Neoprene Cord for 32" Tourniquet	-



2-154



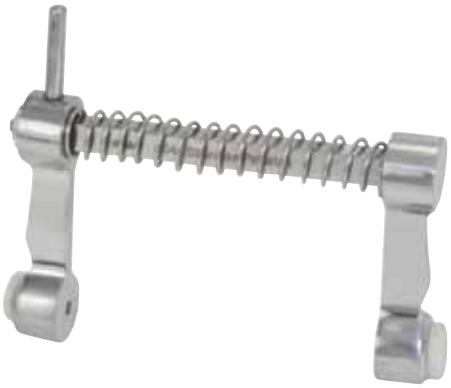
63-10 to 63-20



6039



6040



6041 to 6043



6600 6601

Amalgam Carriers

Amalgam carriers are used to carry and dispense amalgam into cavity preparations.

STAINLESS STEEL HANDLE TIP COLOR	Medium/Large White/Yellow	Medium/Jumbo White/Red	Large/Jumbo Yellow/Red	Jumbo/Jumbo Red/Red
Tungsten Carbide	71-62TC	71-64TC	71-66TC	71-68TC
Stainless Steel	71-62	71-64	71-66	71-68
Acetal	71-63	71-65	71-67	71-69



MEDIUM/LARGE (WHITE/YELLOW)
71-62TC
71-62
71-63



MEDIUM/JUMBO (WHITE/RED)
71-64TC
71-64
71-65



LARGE/JUMBO (YELLOW/RED)
71-66TC
71-66
71-67



JUMBO/JUMBO (RED/RED)
71-68TC
71-68
71-69

Amalgam Pluggers & Condensers

Amalgam Pluggers and Condensers are used to pack and condense amalgam and other restorative materials into cavity preparation. Can also be used with other restorative materials.

Description	GripLite®S⁶	Tactile Tone™™
.7mm - 1mm	80-6501	TF71
1.5mm - 2mm	-	TF152
2.5mm - 3mm	-	TF253
9-11	-	TF911
Blacks 0 -1 (1mm - 1.5mm)	-	TFBL01
Blacks 1- 2 (1.5mm - 2.5mm)	80-6500	TFBL12
Bodkin 1 (.7mm - 1mm)	80-6503	TFB1
Bodkin 2 (1.5mm - 2mm)	-	TFB2
Oregon 3	80-6504	TFOR3



GripLite S⁶



Tactile Tone™

*Tip images are enlarged to show more detail

K-G Retro Filling Amalgam Carriers

Designed by Drs. Henry Kahn and Harold Gerstien, this stainless steel amalgam carrier is specially designed for apical amalgam fillings. Tip diameters: small .046875"; large .078125"

REF	Description
013-24820	K-G Amalgam Carrier Small Tips .046875"
013-24821	K-G Amalgam Carrier Large Tips .078125"



013-24820



013-24821

Amalgam Wells

REF	Description
71-96	Amalgam Well - Non-Slip
AW	Amalgam Well Small (Fits Thompson Cassettes)



AW



71-96

K-G Retro Filling Amalgam Pluggers

Retro-Filling Amalgam Pluggers are designed specifically for apical amalgam fillings.

REF	Description
017-24840	Retro Filling Amalgam Plugger #1
017-24841	Retro Filling Amalgam Plugger #2



017-24840

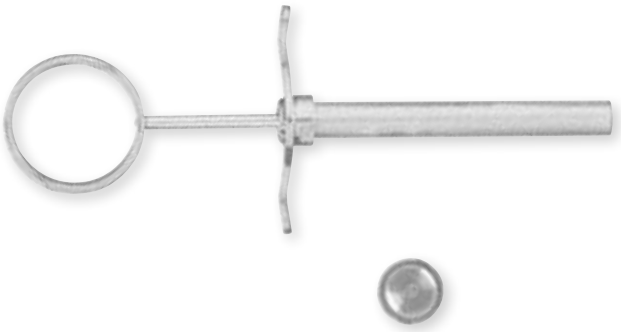


017-24841

Messing Root Canal Gun

Designed by Dr. J.J. Messing, this Root Canal Gun is designed to function like an aspirating syringe and for apical amalgam fillings. Set includes 3 interchangeable nozzles and plunger tips (1.0, 1.30, and 1.5mm diameter) and amalgam well.

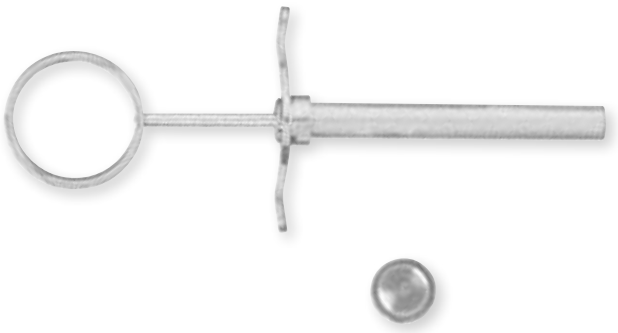
	STRAIGHT Nozzle & Plunger	CURVED Nozzle & Plunger
Complete Set	017-23500	017-23550
1 mm	017-23501	017-23551
1.30 mm	017-23502	017-23552
1.50 mm	017-23503	017-23553



017-23500



1 mm 1.30 mm 1.50 mm



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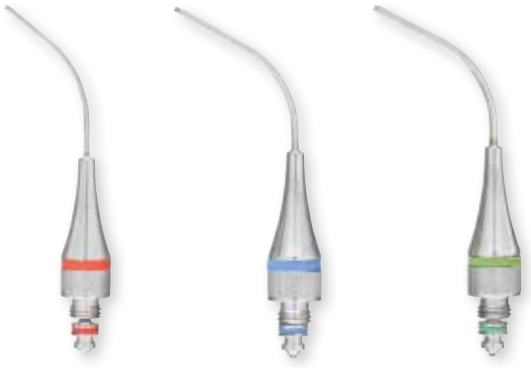

1 mm 1.30 mm 1.50 mm

MILTEX® PROPHYLAXIS INSTRUMENTS

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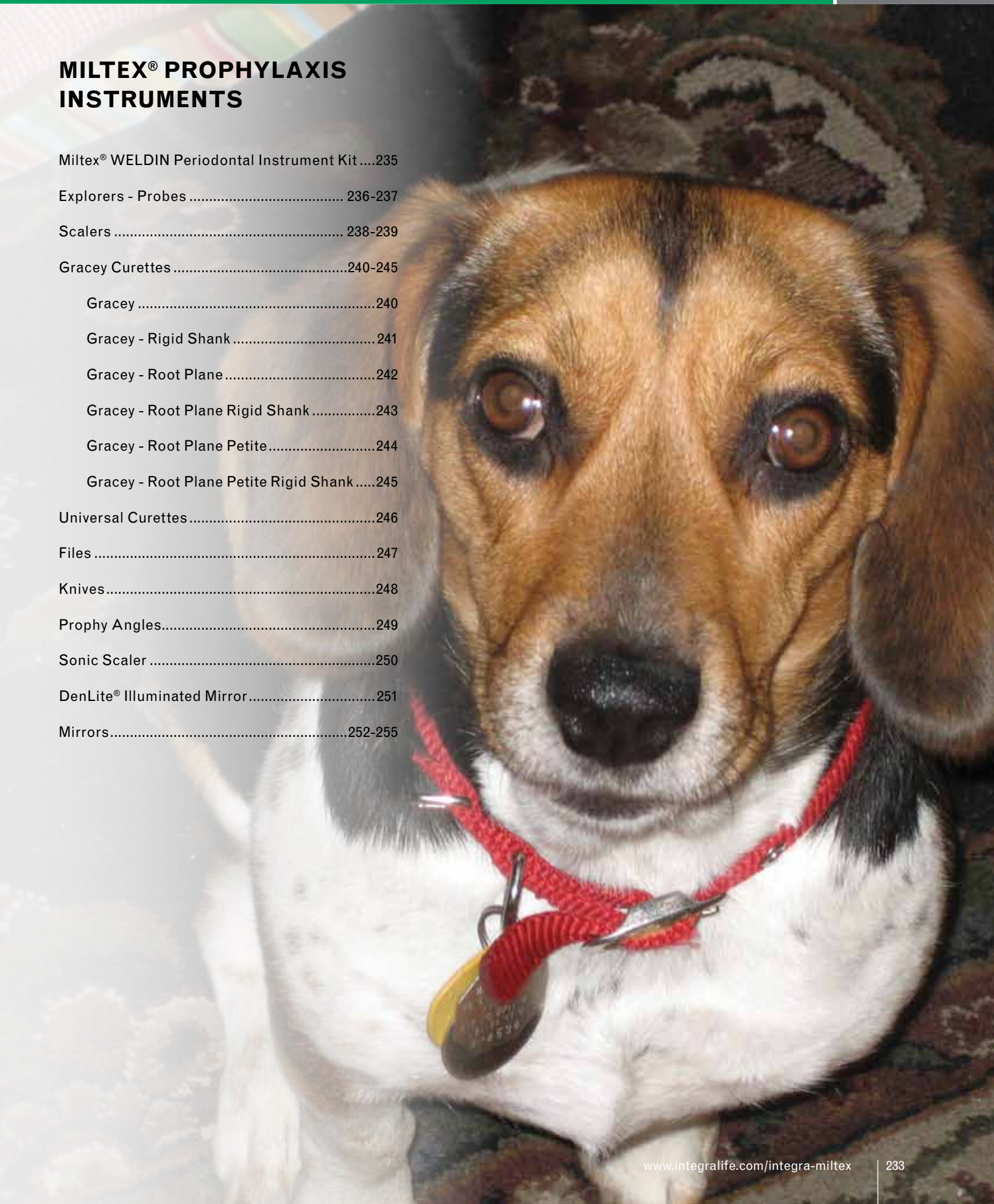


Prophylaxis Instruments

Miltex® Prophylaxis Instruments provide the doctor and technician with the ability to offer advanced dental care. Our hygiene hand instruments have wear resistant, razor sharp points and come in a variety of handle options.

GripLite® & GripLite® S⁶

GripLite® features a lightweight size 6 resin handle
GripLite® S⁶ features a lightweight size 6 stainless steel handle
Razor-sharp points maintain edge
Ergonomically designed grips provide excellent tactile feel and reduce hand and wrist fatigue
Anti-roll feature prevents instruments from rolling when placed on trays
Color coding by instrument families
Color code rings are available for instrument personalization or procedural setups



Tactile Tone™

Silicone grips provide cushioned, stable grip
Stainless steel handle with ergonomic bumps reduces hand and wrist fatigue
Color coding by instrument families



Stainless Steel

Hollow lightweight handle reduces hand and wrist fatigue
Knurling on handles provides better grip
Variety of handle sizes (Round Size 2, Size 4, Size 6)



Miltex® WELDIN Veterinary Periodontal Instrument Kit For Routine Treatment

The Miltex® WELDIN Periodontal Instrument Kit is a complete collection of veterinary dental instruments and accessories for oral examinations and routine periodontal prophylaxis procedures on companion animal patients.

Dedicated to the advancement of veterinary dentistry since 1981, Carol Weldin, RDH, BS, in conjunction with Miltex, Inc., has specifically selected each diagnostic and working instrument and accessory for the varying lengths and shapes of tooth structures, accessibility to anterior and posterior teeth, sulcus depths, diversity of patients and ease of instrument care and maintenance.

6809	Miltex Weldin Veterinary Perio Instrument Kit Contains:
SVET-5450	GripLite® S6 Mirror Handle, single-ended, cone-socket
67-696/3*	#3 Cone Socket Front Surface Mirror, 1 mirror
67-696/4*	#4 Cone Socket Front Surface Mirror, 1 mirror
SVET-23E/18P	GripLite S6 #23 Explorer/18 mm Probe, double-ended
SVET-5004	GripLite S6 J33/H5 (Jacquette 33/1YS Scaler)
SVET-767	GripLite S6 Morse 0-00 Scaler
SVET-5201	GripLite S6 Columbia 13/14 Universal Curette
SVET-5202	GripLite S6 Barnhart 1/2 Universal Curette
DTST**	Plastic Resin Sharpening Test Sticks, Clear, 1 stick
STN-ARK-CON	Conical Arkansas Sharpening Stone, 1 stone
STN-ARK-FLT-4	#4 Flat Arkansas Sharpening Stone, 1 stone
3-084107	Miltex Sterilization & Storage Cassette 8"L x 4-7/8"W x 1-1/8"H

*(not sold individually – 67-696/3 and 67-696/4 are 12/bx)
**(not sold individually – DTST is 6/pk)
Check with your distributor

INCLUDES TRAINING DVD & INSTRUCTIONAL CHART!



"The Miltex® Weldin Periodontal kit is easy to use and maintain. The instruments are color coded for ease of use. Every general and specialty practice should have this wonderful kit on hand to assist them in providing proper periodontal therapy for their patients."

Sara L. Sharp CVT VTS (Dentistry)
Secretary, Academy of Veterinary Dental Technicians



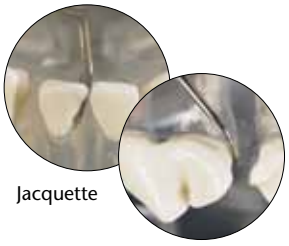
SVET-5450
67-696/3
67-696/4



SVET-23E/18P



SVET-23E/18P

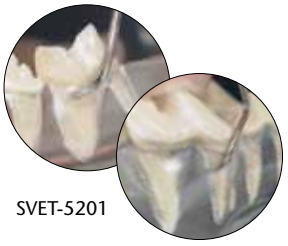


Jacquette

SVET-5004 H5



SVET-767



SVET-5201

SVET-5202

Explorers & Probes

Double ended probe point and an explorer point eliminate the need for two instruments. One end can be used for examination and the other end can be used to measure pocket depths.

Description	Markings	GripLite® S⁶	Tactile Tone™
			
23E/18P	1,2,3,**5**,6,7,8,**10**,11,12,13,**15**,16,17,18	SVET-23E/18P	-
			
0W-23	1, 2, 3, 5, 7, 8, 9, 10	80-5401	EE0W23
			
4-23	3, 6, 9, 12	80-5400	EE423
			
UNC15-23	1, 2, 3, 5, 7, 8, 9, 10	-	EE1523



GripLite S⁶



Tactile Tone™

*Tip Images are enlarged to show more detail

Explorers - Double Ended

Explorers are used to examine teeth for caries and calculus detection, and for the exploration of furcations, restorations and pocket characteristics.

Description		GripLite® S⁶	Tactile Tone™
2		-	EE2
5		80-5302	EE5
6		-	EE6
16		-	EE16
ODU 11/12		80-5301	EE1112
Tufts 17-23		80-5303	EE1723



GripLite S⁶

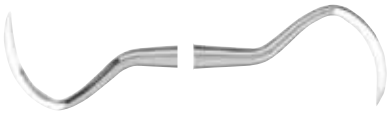


Tactile Tone™

*Tip Images are enlarged to show more detail

Scalers

Scalers are used to remove supragingival calculus and deposits. These instruments should never be used subgingivally.

Description		GripLite® S6	Tactile Tone™	Round
3		-	-	70-108
12		-	-	70-110
15		-	UPU15	-
1-0 Single End		-	-	70-116
204S		80-5000	TP204S	-
Jacquette 33/H5		SVET-5004	-	-
Morse Scaler 0-00		SVET-767	-	-
H6/7		80-5002	TPH67	-
Remington 3/4		-	TPRE34	-



GripLite S6



Tactile Tone™



Round

*Tip Images are enlarged to show more detail

Scalers

Jacquette scalers are also known as straight scalers because the cutting edges on the blade are straight.

Description	GripLite® S6	Tactile Tone™
 Jacquette 2/3	80-5005	TPJ23
 Jacquette 20/33	-	TPJ3033
 Jacquette 2S/3S	-	TPJ2S3S
 Jacquette 33-U15	80-5006	TPJ33U15
 Jacquette 34/35	80-5007	TPJ3435





Tactile Tone™

*Tip Images are enlarged to show more detail

Gracey Curettes

- Gracey Curettes are used for scaling, root planing and periodontal debridement
- The offset blade provides perfect working angulation to the tooth surface.

Description	GripLite® S6	Tactile Tone™	Stainless #6
Gracey 1/2	80-5101	TPG12	70-730
Gracey 3/4	80-5102	TPG34	70-732
Gracey 5/6	80-5103	TPG56	70-734
Gracey 7/8	80-5104	TPG78	70-736
Gracey 9/10	80-5105	TPG910	70-738
Gracey 11/12	80-5106	TPG1112	70-740
Gracey 13/14	80-5107	TPG1314	70-742
Gracey 15/16	80-5108	TPG1516	70-743
Gracey 17/18	80-5109	TPG1718	70-745
Gracey 11/14	-	TPG1114	70-739
Gracey 12/13	-	TPG1213	70-741





Tactile Tone™



Stainless #6

*Tip Images are enlarged to show more detail

Gracey Curettes - Rigid Shank

- Rigid Gracey Curettes have a thicker, less flexible shank, making the instruments better suited for moderate to heavy calculus removal.

Description	Tactile Tone™	Stainless #6
Gracey 1/2 Rigid Shank	TPG12R	70-730R
Gracey 3/4 Rigid Shank	TPG34R	70-732R
Gracey 5/6 Rigid Shank	TPG56R	70-734R
Gracey 7/8 Rigid Shank	TPG78R	70-736R
Gracey 9/10 Rigid Shank	TPG910R	70-738R
Gracey 11/12 Rigid Shank	TPG1112R	70-740R
Gracey 13/14 Rigid Shank	TPG1314R	70-742R
Gracey 15/16 Rigid Shank	TPG1516R	70-743R
Gracey 17/18 Rigid Shank	-	70-745R
Gracey 11/14 Rigid Shank	-	70-739R
Gracey 12/13 Rigid Shank	-	70-741R



Tactile Tone™

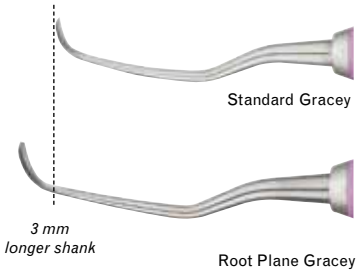


Stainless #6

*Tip images are enlarged to show more detail

Gracey Curettes - Root Plane

- Shank of the instrument is 3 mm longer than a standard Gracey curette. This allows for scaling, root planing and periodontal debridement of the pocket and root surface of 5 mm or more.
- The offset blade provides perfect working angulation to the tooth surface.



Description	GripLite® S6	Tactile Tone™
Gracey 1/2 Root Plane	80-5110	TPRP12
Gracey 3/4 Root Plane	80-5111	TPRP34
Gracey 5/6 Root Plane	80-5112	TPRP56
Gracey 7/8 Root Plane	80-5113	TPRP78
Gracey 9/10 Root Plane	-	TPRP910
Gracey 11/12 Root Plane	80-5114	TPRP1112
Gracey 13/14 Root Plane	80-5115	TPRP1314
Gracey 15/16 Root Plane	80-5116	TPRP1516
Gracey 17/18 Root Plane	-	TPRP1718
Gracey 11/14 Root Plane	-	TPRP1114
Gracey 12/13 Root Plane	-	TPRP1213





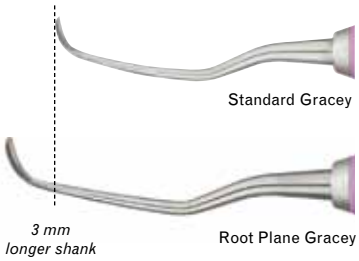
*Tip images are enlarged to show more detail

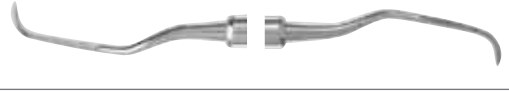
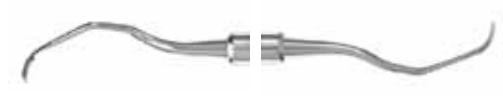
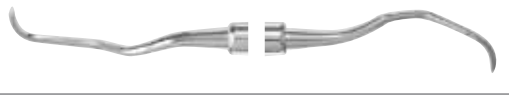
GripLite S6

Tactile Tone™

Gracey Curettes - Root Plane Rigid Shank

- Shank of the instrument is 3 mm longer than a standard Gracey curette. This allows for scaling, root planing and periodontal debridement of the pocket and root surface of 5 mm or more.
- The offset blade provides perfect working angulation to the tooth surface.
- Rigid Root Plane Curettes have a thicker, less flexible shank, making the instruments better suited for moderate to heavy calculus removal.



Description		Tactile Tone™
Gracey 1/2 Root Plane, Rigid Shank		TPRP12R
Gracey 3/4 Root Plane, Rigid Shank		TPRP34R
Gracey 5/6 Root Plane, Rigid Shank		TPRP56R
Gracey 7/8 Root Plane, Rigid Shank		TPRP78R
Gracey 9/10 Root Plane, Rigid Shank		TPRP910R
Gracey 11/12 Root Plane, Rigid Shank		TPRP1112R
Gracey 13/14 Root Plane, Rigid Shank		TPRP1314R
Gracey 15/16 Root Plane, Rigid Shank		TPRP1516R
Gracey 11/14 Root Plane, Rigid Shank		TPRP1114R
Gracey 12/13 Root Plane, Rigid Shank		TPRP1213R

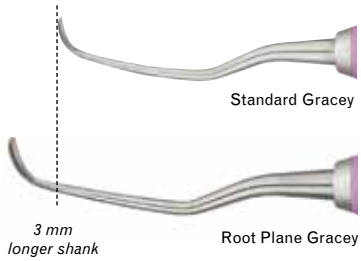


Tactile Tone™

*Tip images are enlarged to show more detail

Gracey Curettes -Root Plane Petite

- Shank of the instrument is 3 mm longer than a standard Gracey curette. This allows for scaling, root planing and periodontal debridement of the pocket and root surface of 5 mm or more.
- The petite working end, or blade, is half the length of the standard Gracey instrument which allows for better adaptation of narrow pockets and furcations.
- The offset blade provides perfect working angulation to the tooth surface.



Description		GripLite® S6	Tactile Tone™
Gracey 1/2 Root Plane, Petite		80-5119	TPP12
Gracey 3/4 Root Plane, Petite		80-5120	TPP34
Gracey 5/6 Root Plane, Petite		80-5121	TPP56
Gracey 7/8 Root Plane, Petite		80-5122	TPP78
Gracey 9/10 Root Plane, Petite		80-5123	TPP910
Gracey 11/12 Root Plane, Petite		80-5124	TPP1112
Gracey 13/14 Root Plane, Petite		80-5125	TPP1314
Gracey 15/16 Root Plane, Petite		80-5126	TPP1516
Gracey 17/18 Root Plane, Petite		80-5127	TPP1718
Gracey 11/14 Root Plane, Petite		-	TPP1114
Gracey 12/13 Root Plane, Petite		-	TPP1213



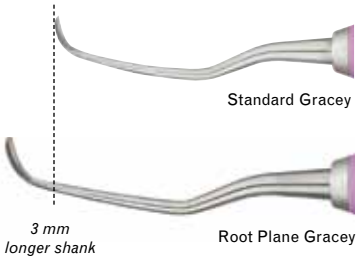


Tactile Tone™

*Tip images are enlarged to show more detail

Gracey Curettes - Root Plane Petite Rigid Shank

- Shank of the instrument is 3 mm longer than a standard Gracey curette. This allows for scaling, root planing and periodontal debridement of the pocket and root surface of 5 mm or more.
- The petite working end, or blade, is half the length of the standard Gracey instrument which allows for better adaptation of narrow pockets and furcations.
- Designed for specific areas of the mouth or tooth surface.
- The Rigid Root Plane Petite Curettes have a thicker, less flexible shank making the instruments better suited for moderate to heavy calculus removal.



Description	Tactile Tone™
Gracey 1/2 Root Plane	TPP12R
Gracey 3/4 Root Plane	TPP34R
Gracey 5/6 Root Plane	TPP56R
Gracey 7/8 Root Plane	TPP78R
Gracey 9/10 Root Plane	TPP910R
Gracey 11/12 Root Plane	TPP1112R
Gracey 13/14 Root Plane	TPP1314R
Gracey 15/16 Root Plane	TPP1516R
Gracey 11/14 Root Plane	TPP1114R
Gracey 12/13 Root Plane	TPP1213R

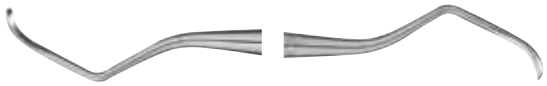
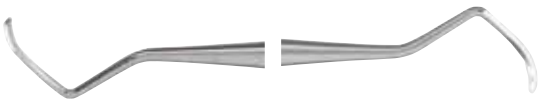
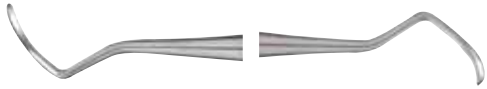
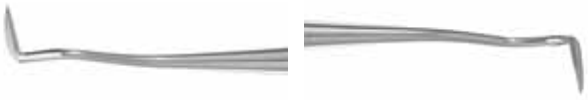
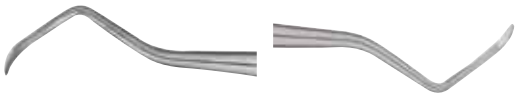


Tactile Tone™

*Tip images are enlarged to show more detail

Universal Curettes

Universal curettes are used for scaling, root planing and supragingival and subgingival periodontal debridement.

Description		GripLite® S6	Tactile Tone™
Barnhart 1/2		SVET-5202	TPBA12
Barnhart 5/6		80-5203	TPBA56
Columbia 13/14		SVET-5201	TPC1314
McCalls 11/12		-	TPMC1112
McCalls 13/14		-	TPMC1314
McCalls 13S/14S		80-5204	TPMC13S14S
McCalls 17/18		-	TPMC1718
McCalls 17S/18S		80-5205	TPMC17S18S



GripLite S6

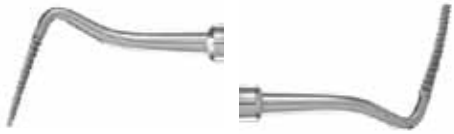


Tactile Tone™

*Tip images are enlarged to show more detail

Files

Files are used for the removal of heavy calculus by using a pull stroke.

Description	Tactile Tone™
Hirshfeld 3-7 	TKHI37
Hirshfeld 5-11 	TKHI511
Hirshfeld 9-10 	TKHI910
Orban 10-11 	TKOR1011
Orban 12-13 	TKOR1213
Schluger 9-10 	TKSC910
Sugerman 1-2 	TKSU12
Sugerman 3-4 	TKSU34



Tactile Tone™

*Tip images are enlarged to show more detail

Knives

Knives can be used for gingivectomy and gingivoplasty.

Description	Tactile Tone™	Stainless #6
		
1 SE	UK1	-
		
2-3	TK23	-
		
Buck 5-6	TKB56	70-766
		
Kirkland 13-13L	TKK1313L	-
		
Kirkland 15-16	-	70-799
		
Orban 1-2	TKOR12	-



Tactile Tone™



Stainless #6

*Tip images are enlarged to show more detail

Prophylaxis Angles

REF	Description
75-20	Vantage PROPHY Angle, screw-on
75-22	Vantage PROPHY Angle, snap-on
75-24	MILTEX Deluxe PROPHY Angle sealed head screw-on with wrench & bottle of oil
75-26	MILTEX Deluxe PROPHY Angle sealed head snap-on with wrench & bottle of oil
75-28	VANTAGE Economy PROPHY Angle screw-on (5 angles) featuring external oil holes permitting oiling without disassembly, complete with wrench & large bottle of oil
75-30	VANTAGE Economy PROPHY Angle snap-on (5 angles) featuring external oil holes permitting oiling without disassembly, complete with wrench & large bottle of oil



75-20



75-22



75-24



75-26



75-28



75-30

Pumice

- Used for prophylaxis and polishing
- Uniform abrasive made from the finest white pumice stone

REF	Description	Packaged
568-70690	Pumice Fine	6 - 1 lb. Containers in a Carton
568-70750	Pumice Medium	6 - 1 lb. Containers in a Carton
568-70810	Pumice Coarse	6 - 1 lb. Containers in a Carton
568-70870	Pumice Flour	6 - 1 lb. Containers in a Carton
569-70830	Pumice Coarse	4 - 4 lb. Containers in a Carton
569-70850	Pumice Coarse	20 lb. Bucket
570-70710	Pumice Fine	4 - 5 lb. Containers in a Carton
570-70770	Pumice Medium	4 - 5 lb. Containers in a Carton
570-70890	Pumice Flour	4 - 5 lb. Containers in a Carton
571-70730	Pumice Fine	25 lb. Bucket
571-70790	Pumice Medium	25 lb. Bucket
571-70910	Pumice Flour	25 lb. Bucket



Mx Esonic Scaler

The Miltex® Mx ESONIC Scaler is a unique lightweight air-driven scaler which can be used to scale calculus and debris on natural dentition, implants and composites. The Mx Esonic Scaler is well-balanced and features a quick-disconnect swivel coupler. The Mx Esonic Scaler adapts to any standard 4-hole dental hose and is fully autoclavable.

Complete with three tips: Universal, Periodontal & VersaTip™

- Tips deliver water from dental lines to scaling to help flush away debris and calculus from pocket.
- Scaler is lightweight and well-balanced to reduce hand and wrist fatigue.
- Quick disconnect and swivel coupler offer easy on/off connection.
- Universal and Periodontal Tips allow thorough scaling for natural dentition.
- The VersaTip™ allows periodontal work to be completed around implants and composite restorations.

REF	Description
70-2000	Mx Esonic Scaler Universal Tip Periodontal Tip VersaTip™



Universal Tip



Periodontal Tip



VersaTip™



DENLITE® Illuminated Mirror

Bright White Light - a one-watt LED light provides shadow-free, glare-free illumination that is safe for use in any environment

Convenience - a lightweight cordless ergonomic handpiece

Versatility - split-beam technology and rugged design make the DenLite® Illuminated Mirror ideal for use as a mirror and as a retractor

Safety - disposable mirror heads and autoclavable hand piece reduce the risk of cross-contamination

Part #	Description
DP5000	DenLite LED Kit
DP5150	DenLite LED Light Cartridge
DP5200	DenLite Handle Set
DP5400	DenLite Charger Set
DP5030	DenLite Disposable Mirrors, single use (50 mirrors per box - used with DP5000)
DP5250	DenLite Handpiece Collet Assembly
DP5070	DenLite Illuminator Tip
DP1030-3	DenLite Disposable Mirror, 110V, 3 boxes of 72 mirrors (used with DP1000 AND DP1500)
DP1020	DenLite Lamp for DP1000
DP1520	DenLite Lamp for DP1500

Features	Benefits
One-watt LED Light	Provides shadow-free and glare-free illumination
Cordless Illuminated System	Portable unit, can be used to provide light in any environment
Lightweight System	Reduces hand and wrist fatigue
Disposable mirrors used with the system	Reduces the risk of cross-contamination between patients
DenLite® mirror disassembles for sterilization	Increases infection control protection for patients
Fully charged batteries should last 45 minutes	Light should last for the entire procedure before needing to be recharged
Optional autoclavable transilluminator tip	Provides white light on both sides of the tightly focused, heat-free mirror head
	Provides equal light for detection of cracks and caries
Miltex has an extensive line of Dental Mouth Mirrors	Meets the needs of any Clinician



DP5000



Assembled DenLite® Mirror

Mirror Handles

Available in cone socket and simple stem patterns with a variety of handle options.

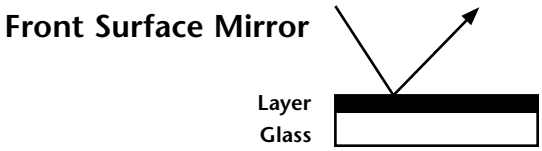
Description		GripLite® S6	Tactile Tone™
Cone Socket Single End	Single Pack	80-5450	UM
Cone Socket Single End	Single Pack	SVET-5450	-
Simple Stem Single End	Single Pack	80-5152	UMS





Front Surface Mirrors

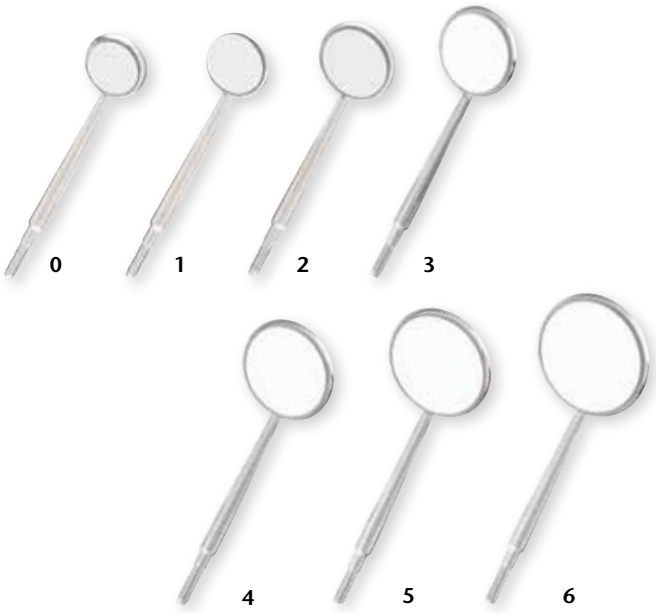
A Miltex® Front Surface Mirror eliminates the "ghost image" because the reflecting layer is no longer behind the glass but on its surface. The mirror reflects only once, providing clear vision free from all distortion.



Front Surface, Cone Socket Mirrors

Description	Miltex® Mirror	Indian Head® Electro-Polished	Indian Head® Chrome
Size 0 (Single Only)	-	011-24703	-
Size 1 (Single Only)	-	011-24702	-
Size 2	-	011-24700	-
Size 2 (Single Only)	-	011-24701	-
Size 3	67-696/3	011-24692	011-26472
Size 4	67-696/4	011-24693	011-26473
Size 5	67-696/5	011-24694	011-26474
Size 6	-	011-24695	011-26475
1-1/4" (Single Only)	-	011-24515	-
1-1/2" (Single Only)	-	011-24511	-
2"	-	011-24506	-
2" with Handle	-	011-24507	-

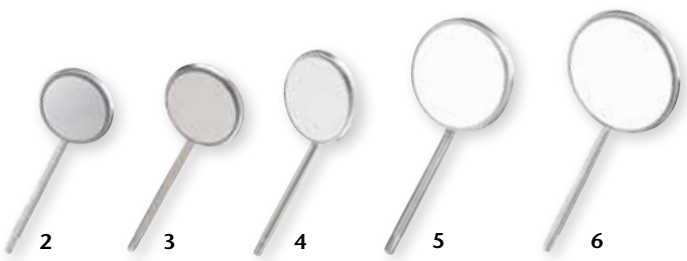
Sold in dozens only



Front Surface, Simple Stem Mirrors

Description	Miltex® Mirror	Indian Head® Electro-Polished	Indian Head® Chrome
Size 2	-	011-24674	-
Size 2 (Single Only)	-	011-24673	-
Size 3	67-698/3	011-24677	011-26422
Size 4	67-698/4	011-24678	011-26423
Size 5	67-698/5	011-24679	011-26424
Size 6	-	011-24680	011-26425
1-1/4" (Single Only)	-	011-24513	-
1-1/2" (Single Only)	-	011-24509	-
2" (Single Only)	-	011-24502	-
2" with Handle (Single Only)	-	011-24503	-

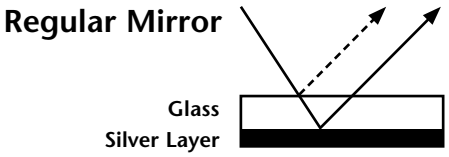
Sold in dozens only



Plane Surface Mirrors

Miltex® plane surface mirrors (also known as regular mirrors) have a silver coating on the back of the glass.

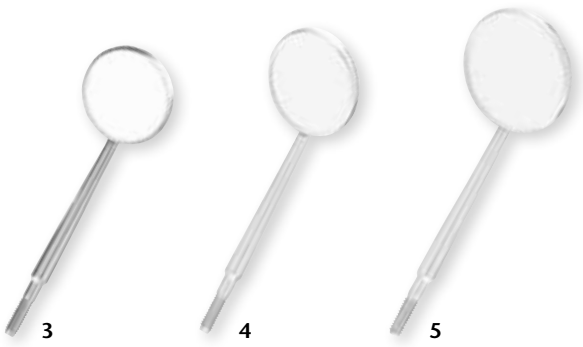
As a result, light is reflected from the top of the glass as well as from the silver layer. This reflection causes a double image.



Plane Surface, Cone Socket Mirrors

Description	Miltex® Mirror	Indian Head® Electro-Polished
Size 3	67-664/3	-
Size 4	67-664/4	-
Size 5	67-664/5	-
Size 6	-	-
1-1/4" (Single Only)	-	011-24514
1-1/2" (Single Only)	-	011-24510
2" (Single Only)	-	011-24504
2" with Handle (Single Only)	-	011-24505

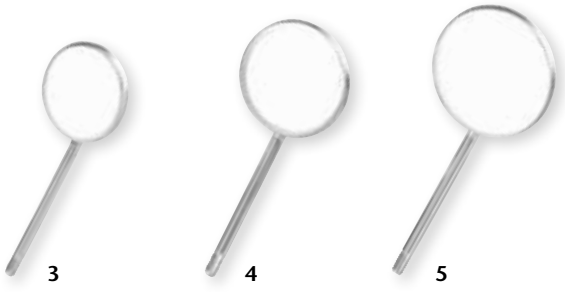
Sold in dozens only



Plane Surface, Simple Stem Mirrors

Description	Miltex® Mirror	Indian Head® Electro-Polished
Size 3	67-672/3	-
Size 4	67-672/4	-
Size 5	67-672/5	-
1-1/4" (Single Only)	-	011-24512
1-1/2" (Single Only)	-	011-24508
2" (Single Only)	-	011-24500
2" with Handle (Single Only)	-	011-24501

Sold in dozens only



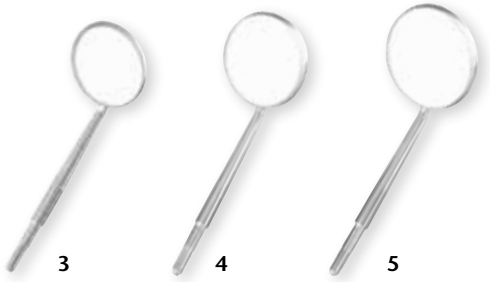
Magnifying Surface Mirrors

Miltex® magnifying mirrors are also known as concave mirrors.

Magnifying Surface, Cone Socket Mirrors

Description	Miltex® Mirror
Size 3	67-668/3
Size 4	67-668/4
Size 5	67-668/5

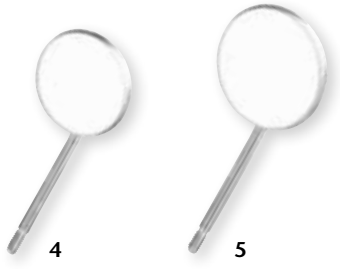
Sold in dozens only



Magnifying Surface, Simple Stem Mirrors

Description	Miltex® Mirror
Size 4	67-676/4
Size 5	67-676/5

Sold in dozens only



Double Sided Front Surface Mirrors

Miltex® double sided mirrors can be used to view the intra-oral cavity with both sides of the mirror.

Description	Miltex® Mirror
Size 4	67-719
Size 5	67-720

Sold in packs of 6


67-719 67-720

Micro Mirrors Cone Socket

Miltex® micro mirrors feature a rhodium front surface mirror fitted on a stainless steel mounting to assure sharpness and clarity of the reflected surface. The mirrors are used in conjunction with microscopes during periodontic and endodontic surgeries and other microsurgery procedures.

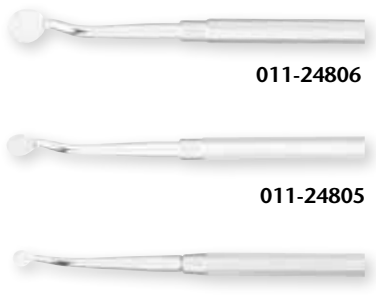
Description	Miltex® Mirror
Micro Mirror - 3mm, Oval (ea.)	017-24800
Micro Mirror - 5mm, Oval (ea.)	017-24801
Micro Mirror - 9/3mm, Rectangle (ea.)	017-24802
Micro Mirror - 7/2mm, Rectangle (ea.)	017-24803


017-24800
017-24801
017-24802
017-24803

Retro Mirrors Cone Socket

Miltex® retro mirrors feature a highly polished chrome plated brass surface. The mirrors are used for visualization of hard to reach areas or in conjunction with microscopes during micro surgeries.

Description	Miltex® Mirror
Retro Mirror #1 - 3mm, Round (ea.)	011-24804
Retro Mirror #2 - 5mm, Round (ea.)	011-24805
Retro Mirror #3 - 6mm, Round (ea.)	011-24806


011-24806
011-24805
011-24804

Hand Mirrors

Miltex® hand mirrors are plane surface mirrors (also known as regular mirrors).

Description	One Side Magnifying One Side Plane	One Side Plane Regular Handle
3-1/2"	017-26842	011-26821
5"	017-26844	-


017-26844


017-26842


011-26821

Intra-Oral Mirrors

Miltex® intra-oral mirrors are ideal for photography.

Description	Miltex® Mirror
No. 3 Large Occlusal Intra-Oral Mirror (2-1/2" W x 4" L)	017-26805
No. 1 Large Buccal Intra-Oral Mirror (1-3/4" W x 6" L)	017-26806
No. 2 Large Lingual Intra-Oral Mirror (1-3/4" W x 6" L)	017-26807
No. 3 Petite Occlusal Intra-Oral Mirror (2-1/2" W x 3 1/2" L)	017-26808



017-26805



017-26806



017-26807



017-26808

Reusable Front Surface Fiberglass Mirrors

Miltex® fiberglass front surface mirrors are individually wrapped to protect the mirror surface. The mirrors are autoclavable and are packed in boxes of 10.

Description	Miltex Mirror
White Size 4	67-700/4
White Size 5	67-700/5
Blue Size 4	67-710/4
Blue Size 5	67-710/5



67-700/4
67-700/5



67-710/4
67-710/5

Disposable Mirrors

Miltex® disposable plane surface mirrors are made from a durable plastic and are individually wrapped. These mirrors are ideal for home use and for use during air abrasion procedures.

Description	Miltex Mirror
Plane Surface Mirror, Size 4, Economical, 72/box	017-26810
Plane Surface Mirror, Size 4, Economical Deluxe, 72/box	017-26811



017-26810



017-26811

MILTEX® ORAL SURGERY INSTRUMENTS

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Miltex® Niemiec Veterinary Extraction Instrument Kit

Designed and approved by Dr. Brook Niemiec, D.V.M., Diplomate, American Veterinary Dental College, the MILTEX® NIEMIEC Veterinary Extraction Kit provides surgical and dental instrumentation required for companion animal dental extractions.

REF# 6806 MILTEX® Niemiec Veterinary Extraction Instrument Kit Includes 1 each of:

REF	Descriptions	Feature	Size	
4-7	#3 Scalpel Handle	-	-	(1)
73-64	Baby MOLT Periosteal Elevator	-	-	(2)
DEFF	Extracting Forceps	universal, mini	-	(3)
5D-324	LA GRANGE Scissors	curved, one serrated blade, angled shank	4-1/4" (10.8 cm)	(4)
8-15TC	OLSEN-HEGAR Needle Holder	with suture scissors	5-1/2" (14 cm)	(5)
6-124	BROWN-ADSON Tissue Forceps	7x7 teeth	4-3/4" (12.1 cm)	(6)
5-16	Operating Scissors (suture scissors)	straight, sharp/blunt	5-1/2" (14 cm)	(7)
DELLUXS2	Miltex Luxating Elevator	straight	2 mm	(8)
DELLUXS3	Miltex Luxating Elevator	straight	3 mm	(9)
DELLUXS5	Miltex Luxating Elevator	straight	5 mm	(10)
DELLUXC3	Miltex Luxating Elevator	curved	3 mm	(11)
DELLUXC5	Miltex Luxating Elevator	curved	5 mm	(12)
3-085009	Miltex #9 Storage Cassette	-	8" L x 6" W x 1-3/16" H	(13)
-	Training DVD & Instructional Guide	-	-	(14)





"Dental extractions are a very common veterinary procedure. As common as they are, they are not a simple undertaking and should be approached with the same in-depth preparation as any other surgical procedure. In this way, the practitioner will think through the procedure and properly prepare, avoiding common mistakes."

"Having the proper equipment is an excellent first step. The instructional guide and training DVD is designed to help you use the instruments to their fullest extent."

Dr. Brook Niemiec, DVM
Diplomate, American Veterinary Dental College
Fellow, Academy of Veterinary Dentistry
Veterinary Dental Specialties, San Diego, CA



Creating buccal mucosal flap



Utilizing a properly sized periosteal elevator, the buccal mucosal flap is reflected



Initial elevation of the mesial buccal root

Clinical photos provided by Dr. Brook Niemiec, DVM, Diplomate, American Veterinary Dental College
www.dogbeachdentistry.com

Local Anesthesia

REF	Description	Type
017-29320	LUER SYRINGE	3 ml - LOCK TIP
76-40	Petite Aspirating Syringe CW	Blue Silicone Grips
76-42	Petite Aspirating Syringe CW	Red Silicone Grips
76-43	Petite Aspirating Syringe CW	Purple Silicone Grips
76-70	Aspirating Syringe	COOK-WAITE (CW)
77-70	Petite Aspirating Syringe	COOK-WAITE (CW)



017-29320



76-40



76-42



76-43



76-70



77-70

"Regional anesthesia provided by local anesthetic agents induces complete peripheral nerve blockade for oral surgery procedures. Blood pressure, heart rate, respiration rate, cardiac output, tissue perfusion, and body temperature are maximized at low inhalant percentages. Regional nerve blocks also provide an opiate sparing effect that reduces analgesic requirements postoperatively. Preemptive analgesia may also play a role in minimizing central sensitization and "wind up" pain. Nerve blocks are performed in all oral surgical procedures in our practice to provide greater patient comfort and safety."

Brett Beckman, DVM, DAVDC, DAAPM
President, American Veterinary Dental Society
Fellow, Academy of Veterinary Dentistry

Periotome Kit

Periotomes are designed for separating the periodontal ligament fibers from the tooth in preparation for a dental extraction.

Periotomes are available in three double-ended styles: straight blade, hatchet-blade and hoe-blade patterns, giving the user a wide variety of blade options. All instruments feature a lightweight size 6 stainless steel handle.

REF	Description
70-177	Periotome Kit Includes 1 each of:
70-170	Periotome Straight Double Ended
70-171	Periotome Hatchet Double Ended
70-172	Periotome Hoe Double Ended
3-072007	MILTEX® Slimline Storage Cassette 7″ L x 2-5/8″ W x 11/16″ H



70-177 Kit



70-170 **70-171** **70-172**

Miltex® Luxating Dental Elevator Kit

The Miltex® Luxating Dental Elevator Kit is a complete set of elevators ranging in size from 2 mm through 5 mm with curved and straight tip designs. The Luxators are designed to cut periodontal ligament while easing the tooth from the socket by rocking and cutting, rather than by lifting and prying as with a conventional elevator.

REF	Description	Length
DELLUXKIT	**Miltex® Luxating Dental Elevator Kit Contains 1 each:**	
DELLUXC2	Miltex Luxator- curved tip 2 mm	4-1/2″ (11.4 cm)
DELLUXC3	Miltex Luxator- curved tip 3 mm	4-1/2″ (11.4 cm)
DELLUXC4	Miltex Luxator- curved tip 4 mm	4-1/2″ (11.4 cm)
DELLUXC5	Miltex Luxator- curved tip 5 mm	4-1/2″ (11.4 cm)
DELLUXS2	Miltex Luxator- straight tip 2 mm	4-1/2″ (11.4 cm)
DELLUXS3	Miltex Luxator- straight tip 3 mm	4-1/2″ (11.4 cm)
DELLUXS4	Miltex Luxator- straight tip 4 mm	4-1/2″ (11.4 cm)
DELLUXS5	Miltex Luxator- straight tip 5 mm	4-1/2″ (11.4 cm)
3-084007	Miltex #7 Storage Cassette	8″ L x 4-7/8″ W x 1-1/8″ H



Stainless steel tip

Permanently welded stainless steel handle

No seam to crack; no plating to peel or discolor.

All-stainless steel handle

Twice the strength of ordinary brass and chrome-plated handles.



Luxating Elevator - proper grasp/positioning



Elevator placement into the periodontal space



Miltex® Luxating Dental Elevator Kit

Clinical photos provided by Dr. Brook Niemiec, DVM, Diplomate, American Veterinary Dental College
www.dogbeachdentistry.com

Miltex® Luxating Dental Elevators

Miltex® Luxating Dental Elevators are designed with small handles to fit into the palm of the hand.

Patterns include both straight and curved blades, ranging from 2 mm to 5 mm, and are made of a one-piece stainless steel construction.

REF	Description	Blade Width	Length
DELLUXC2	Miltex Luxator- curved tip	2 mm	4-1/2″ (11.4 cm)
DELLUXC3	Miltex Luxator- curved tip	3 mm	4-1/2″ (11.4 cm)
DELLUXC4	Miltex Luxator- curved tip	4 mm	4-1/2″ (11.4 cm)
DELLUXC5	Miltex Luxator- curved tip	5 mm	4-1/2″ (11.4 cm)
DELLUXS2	Miltex Luxator- straight tip	2 mm	4-1/2″ (11.4 cm)
DELLUXS3	Miltex Luxator- straight tip	3 mm	4-1/2″ (11.4 cm)
DELLUXS4	Miltex Luxator- straight tip	4 mm	4-1/2″ (11.4 cm)
DELLUXS5	Miltex Luxator- straight tip	5 mm	4-1/2″ (11.4 cm)



DELLUXC2

Curved Luxating Elevators



DELLUXC2 DELLUXC3 DELLUXC4 DELLUXC5

Straight Luxating Elevators



DELLUXS2 DELLUXS3 DELLUXS4 DELLUXS5

Miltex® Veterinary Winged Dental Elevator Kits

Miltex® Winged Dental Elevators, developed and approved by Dr. Robert B. Wiggs, D.V.M., Diplomate, American Veterinary Dental College, ease the extraction process and provide the Veterinarian Professional with instrumentation that meets diverse clinical needs.

Winged Dental Elevators are shaped to improve instrument adaptation to the root structure. When used in a side-to-side rocking/twisting motion, the blades provide additional leverage, especially when used between teeth in the interdental space. The winged-blades will hook under the buccal bulge, improving the angle of direction in order to lift the tooth and root.



Wing-Shaped Blade

Improves instrument-tooth adaptation. Gradually tapered for easy insertion into PDL.

Narrow Neck

Enhances visibility.

One-Piece German Stainless Steel Construction

Reduces chance of tip separating from handle.

Short Handle

Improves grip and control.

DELWNG5

REF	Description	
DELWBASIC	**MILTEX Winged Dental Elevator Basic Kit Contains 1 each:**	
DELWNG2	MILTEX Winged Dental Elevator	Size 2 mm
DELWNG3	MILTEX Winged Dental Elevator	Size 3 mm
DELWNG4	MILTEX Winged Dental Elevator	Size 4 mm
DELWNG5	MILTEX Winged Dental Elevator	Size 5 mm
3-083005	MILTEX #5 Storage Cassette 8″ L x 3-13/16″ W x 1-1/8″ H	



REF	Description	
DELWDELUX	**MILTEX Winged Dental Elevator Deluxe Kit Contains 1 each:**	
DELWNG2	MILTEX Winged Dental Elevator	Size 2 mm
DELWNG3	MILTEX Winged Dental Elevator	Size 3 mm
DELWNG4	MILTEX Winged Dental Elevator	Size 4 mm
DELWNG5	MILTEX Winged Dental Elevator	Size 5 mm
DELWNG6	MILTEX Winged Dental Elevator	Size 6 mm
DELWNG7	MILTEX Winged Dental Elevator	Size 7 mm
DELWNG8	MILTEX Winged Dental Elevator	Size 8 mm
3-084007	MILTEX #7 Storage Cassette 8″ L x 4-7/8″ W x 1-1/8″ H	



Miltex® Veterinary Winged Dental Elevators

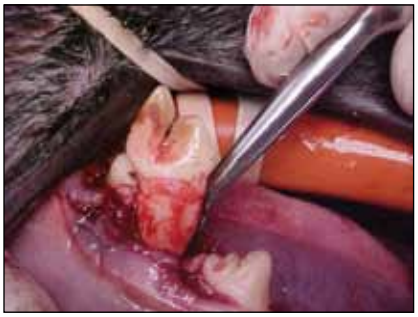
"I have had the opportunity to use winged elevators since I started my residency in 2001. I use nothing but winged elevators for all of my extractions. Winged elevators aid in extraction by being inserted into the periodontal ligament space and hugging the root as it is advanced precisely towards the root tip (apex) using a "side-to-side rocking/twisting motion".

Barron P. Hall, D.V.M.

Diplomate, American Veterinary Dental College
Fellow, Academy of Veterinary Dentistry
Animal Dental Clinic, Vienna, VA

REF	Description	Blade Width	Length
DELWNG2	Miltex Winged Dental Elevator	Size 2 mm	4-1/2" (11.4 cm)
DELWNG3	Miltex Winged Dental Elevator	Size 3 mm	4-1/2" (11.4 cm)
DELWNG4	Miltex Winged Dental Elevator	Size 4 mm	4-1/2" (11.4 cm)
DELWNG5	Miltex Winged Dental Elevator	Size 5 mm	4-1/2" (11.4 cm)
DELWNG6	Miltex Winged Dental Elevator	Size 6 mm	4-1/2" (11.4 cm)
DELWNG7	Miltex Winged Dental Elevator	Size 7 mm	4-1/2" (11.4 cm)
DELWNG8	Miltex Winged Dental Elevator	Size 8 mm	4-1/2" (11.4 cm)





Clinical photos provided by Barron P. Hall, D.V.M Diplomate, American Veterinary Dental College



DELWNG2 **DELWNG3** **DELWNG4** **DELWNG6** **DELWNG7** **DELWNG8**

Apical Dental Elevators

Miltex® Apical Elevators are made with an all-stainless steel construction and permanent welding.

REF	Description
DEL3	3 Elevator
DEL301	301 Apical Elevator
DEL302	302 Apical Elevator
DEL302HF	302HF Apical Elevator
DEL303	303 Apical Elevator
DEL303HF	303HF Apical Elevator
DEL34	34 Elevator
DEL34S	34S Elevator
DEL46	46 Elevator
DEL77R	77R Elevator, serrated
DEL81	81 Elevator
DELA	COGSWELL Elevator "A"



Stainless steel tip

Permanently welded stainless steel handle
No seam to crack; no plating to peel or discolor.

Convenient finger platforms
For alignment of hands on the handles.

All-stainless steel handle
Twice the strength of ordinary brass and chrome-plated handles.



DEL301 **DEL302** **DEL302HF** **DEL303** **DEL303HF**



DEL3 **DEL34** **DEL34S** **DEL46** **DEL77R** **DEL81** **DELA**

Dental Elevators

REF	Description
DEL1L	1L SELDIN Elevator
DEL1R	1R SELDIN Elevator
DEL4L	4L SELDIN Elevator
DEL4R	4R SELDIN Elevator
DEL25	25 CRYER Elevator
DEL26	26 CRYER Elevator
DEL44	44 CRYER Elevator
DEL45	45 CRYER Elevator



DEL1L



DEL1L DEL1R DEL4L DEL4R



DEL25 DEL26 DEL44 DEL45

Dental Elevators

REF	Description
DEL8	8 CRANE Pick Elevator
DEL6X	6X POTTS Elevator
DEL7X	7X POTTS Elevator



DEL8



DEL6X



DEL7X

Root Tip Elevators & Picks

REF	Descriptions
DEL78	**78 Root Tip Elevator**
DEL79	79 Root Tip Elevator
DEL80	80 Root Tip Elevator
DELH1	**1 HEIDBRINK Root Tip Pick, delicate, straight**
DELH2	2 HEIDBRINK Root Tip Pick, delicate, left
DELH2-3	2-3 HEIDBRINK Root Tip Pick, delicate, double ended
DELH3	3 HEIDBRINK Root Tip Pick, delicate, right



DEL78



DEL79 **DEL80**



DELH1

DELH2-3



DELH2



DELH3

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

Periosteal Elevators

REF	Description	Type
DELM9	**MOLT 9 Periosteal Elevator**	-
DELOHL	OHL Periosteal Elevator	-
DELPR3	PRICHARD Periosteal Elevator	-
DELS23	23 SELDIN Periosteal Elevator	-
DELW2	2 WEST Periosteal Elevator	-
18-1968	FREER Elevator	double end sharp and blunt blades 5 mm
73-64	**Baby MOLT Periosteal Elevator**	-
TK24G	24G Periosteal	Tactile Tone double end
TKGF14	GF 14 Periosteal	Tactile Tone double end
TKPR3	PR3 Periosteal	Tactile Tone double end



DELM9 DELOHL DELPR3 DELS23 DELW2 18-1968 **73-64** TK24G TKGF14 TKPR3

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

Bone Curettes

REF	Description	Type
61-2	**No. 75 LUCAS Curette**	**straight**
61-4	No 85 LUCAS Curette	angular, small
61-6	No 86 LUCAS Curette	angular, medium
61-8	No 87 LUCAS Curette	angular, large
61-10	No. 1 MOLT Curette	straight, small
61-12	No. 2 MOLT Curette	straight, medium
61-14	No. 4 MOLT Curette	straight, large
61-16	No. 5L MOLT Curette	angular, small, left
61-18	No. 6R MOLT Curette	angular, small, right
61-20	**No. 2/4 MOLT Curette**	**double end**

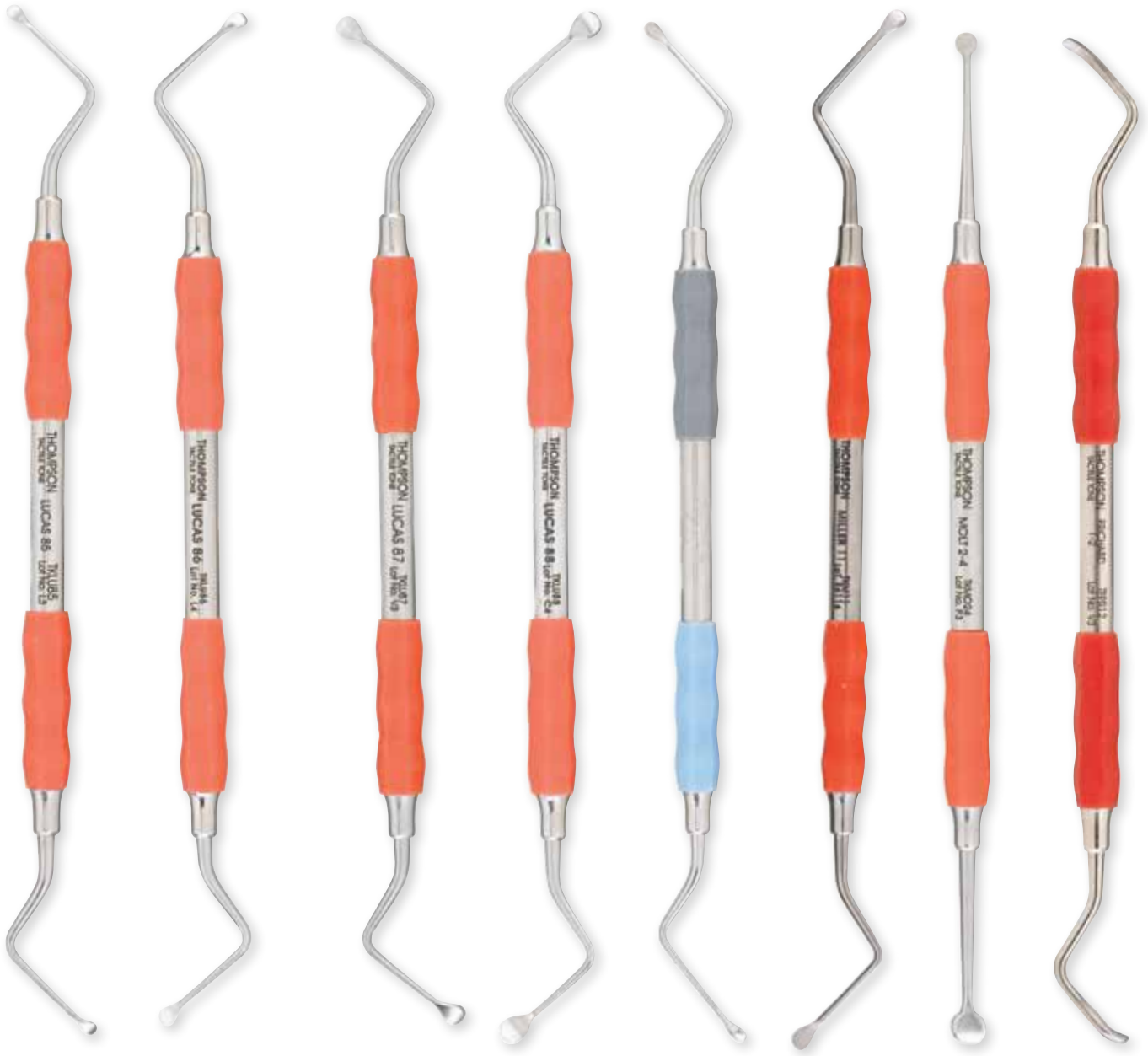


61-2 61-4 61-6 61-8 61-10 61-12 61-14 61-16 61-18 **61-20**

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

Bone Curettes

REF	Description	Type
TKLU85	LUCAS 85 Curette	Tactile Tone double end
TKLU86	LUCAS 86 Curette	Tactile Tone double end
TKLU87	LUCAS 87 Curette	Tactile Tone double end
TKLU88	LUCAS 88 Curette	Tactile Tone double end
TKM10	MILLER Curette 10	Tactile Tone double end
TKM11	MILLER Curette 11	Tactile Tone double end
TKMO24	**MOLT 2-4 Curette**	**Tactile Tone double end**
TPPR12	PRICHARD 1-2 Curette	Tactile Tone double end



TKLU85 TKLU86 TKLU87 TKLU88 TKM10 TKM11 **TKMO24** TPPR12

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

Miltex® Grip Deep™ Extracting Forceps

Miltex® Grip Deep™ Extracting Forceps are designed to allow subgingival access to the root during extractions. Tapered beaks can provide deeper access into the tooth socket and maximize the tooth-to-forceps contact. Serrated beaks aid in gripping the tooth surface which may assist in atraumatic removal of the tooth and can potentially reduce the risk of fractures or trauma to the surrounding hard and soft tissues.

The take-apart feature of the Miltex® Grip Deep™ Extracting Forceps has a right and left side which can be separated to allow access between the box-lock / hinge area for instrument cleaning and processing. Miltex® Grip Deep™ Extracting Forceps are available in 11 patterns.

REF	Description	Length
DEFDG1STD	Extracting Forceps, 1 Standard	6-1/4"
DEFDG99C	Extracting Forceps, 99C	6-1/4"
DEFDG150	**Extracting Forceps, 150**	**6-1/4"**
DEFDG150A	**Extracting Forceps, 150A**	**6-1/4"**
DEFDG151	**Extracting Forceps, 151**	**6-1/4"**
DEFDGMD3	**Extracting Forceps, MD3**	**6-1/4"**
DEFDGMD4	Extracting Forceps, MD4	6-1/4"
DEFDG210S	Extracting Forceps, 210S	6-1/4"
DEFDG222	Extracting Forceps, 222	6-1/4"
DEFDG65	Extracting Forceps, 65	6-1/4"
DEFDG845	Extracting Forceps, 845	6-1/4"

See next page side for beak details



DEFDG1STD



Take-apart feature

"I have been using the Miltex Grip Deep Extracting Forceps for two years and been quite impressed and satisfied with their performance. The extracting forceps grip well and truly aid in my extractions. Also, they are very easy to clean and sterilize. I would recommend a set for anyone performing extractions in the dog and cat."

Dr. Barden A. Greenfield, DVM
Mid South Veterinary Dental Referrals

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



**Grip Deep™ Extracting Forceps 150 shown.*

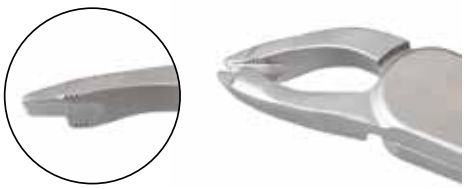
Clinical photography provided by: Barden A. Greenfield, DVM, Southwind Animal Hospital, PLC www.southwindvets.com



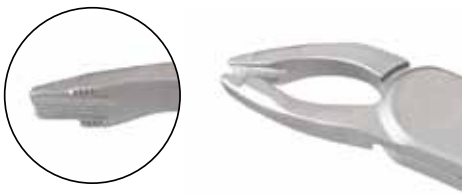
DEFDG1STD
Grip Deep 1 Standard



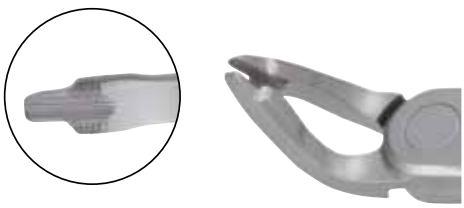
DEFDG99C
Grip Deep 99C



DEFDG150*
Grip Deep 150



DEFDG150A
Grip Deep 150A



DEFDG151
Grip Deep 151



DEFDGMD3
Grip Deep MD3



DEFDGMD4
Grip Deep MD4



DEFDG210S
Grip Deep 210S



DEFDG222
Grip Deep 222



DEFDG65
Grip Deep 65
No serrations



DEFDG845
Grip Deep 845
No serrations

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

Extracting Forceps Stainless Steel - Petite, Spring Handle

Miltex® Extracting Forceps are crafted from the finest quality German Stainless Steel.

REF	Description – Petite	Size
DEF17S	**17S Petite Extracting Forceps**	**4-1/2″**
DEF23S	23S Petite Extracting Forceps	4-1/2″
DEF150 1/2S	**150 1/2S Petite Extracting Forceps**	**4-1/2″**
DEF151 1/2S	**115 1/2S Petite Extracting Forceps**	**4-1/2″**
DEFA	A Petite Tooth Extracting Forceps	4-1/2″
DEFB	B Petite Tooth Extracting Forceps	4-1/2″
DEFC	C Petite Tooth Extracting Forceps	4-1/2″
DEFE	E Petite Tooth Extracting Forceps	4-1/2″
DEFF	**F Petite Tooth Extracting Forceps**	**4-1/2″**
DEFH	H Petite Tooth Extracting Forceps	4-1/2″



DEF17S
Universal



DEF23S
Universal, Cow Horn



DEF150 1/2S
Universal



DEF151 1/2S
Universal



DEFA
Universal Petite
English Pattern



DEFB
Universal Petite
English Pattern



DEFC
Universal Petite
English Pattern



DEFE
Universal Petite
English Pattern



DEFF
Universal Petite
English Pattern



DEFH
Universal Petite
English Pattern

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

Extracting Forceps - English Pattern, Petite, no Spring

REF	Description	Size
DEF13	13 Extracting Forceps	4-1/2″
DEF22	22 Extracting Forceps	4-1/2″
DEF33	33 Extracting Forceps	4-1/2″
DEF73	73 Extracting Forceps	4-1/2″
DEF74	74 Extracting Forceps	4-1/2″
DEF74N	74N Extracting Forceps	4-1/2″



DEF13
Universal



DEF22
Universal



DEF33



DEF73
Universal



DEF74



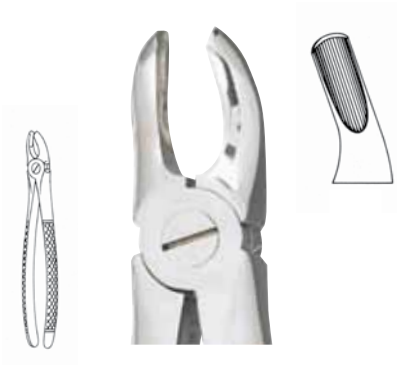
DEF74N
Narrow Beak

Extracting Forceps - Mead Pattern, Petite, no Spring

REF	Description	Size
DEFMD1	MEAD Extracting Forceps	4-1/2″
DEFMD2	MEAD Extracting Forceps	4-1/2″
DEFMD3	MEAD Extracting Forceps	4-1/2″
DEFMD4	MEAD Extracting Forceps	4-1/2″



DEFMD1
Universal



DEFMD2
Universal



DEFMD3
Universal



DEFMD4
Universal

Extracting Forceps - Petite, no Spring

REF	Description – Petite	Size
DEF16S	16S Petite Extracting Forceps	4-1/2″
DEF150S	150S Petite Extracting Forceps	4-1/2″
DEF150XAS	150XAS Extracting Forceps	4-1/2″
DEF151S	151S Petite Extracting Forceps	4-1/2″
DEF151XAS	151XAS Extracting Forceps	4-1/2″



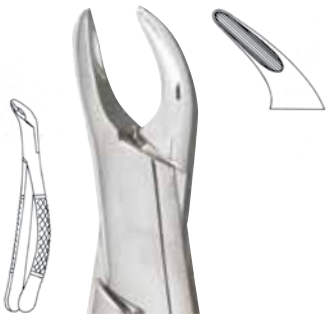
DEF16S
Cow Horn



DEF150S
Universal



DEF150XAS
Split Beaks



DEF151S
Universal



DEF151XAS
Split Beaks,
Serrated

Extracting Forceps

Miltex® Extracting Forceps are crafted from the finest quality German Stainless Steel.

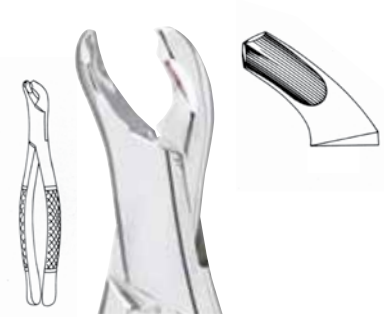
REF	Description	Type	Size
DEF10S	10S Extracting Forceps	small beaks	6-1/2″
DEF16	16 Extracting Forceps	cow horn	6-1/2″
DEF17	17 Extracting Forceps	-	6-1/2″
DEF23	23 Extracting Forceps	cow horn	6-1/2″
DEF85A	85A Extracting Forceps	anterior	6-1/2″
DEF88L	88L Extracting Forceps	left	6-1/2″
DEF210S	210S Extracting Forceps	small beaks	6-1/2″



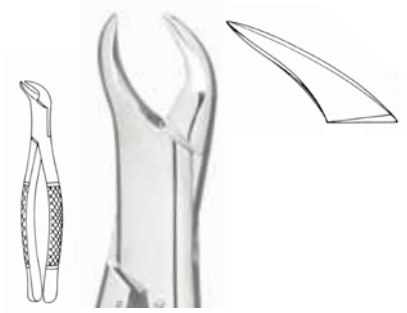
DEF10S
Universal



DEF16
Universal; Cow Horn



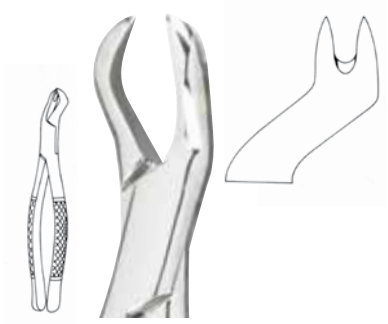
DEF17
Universal



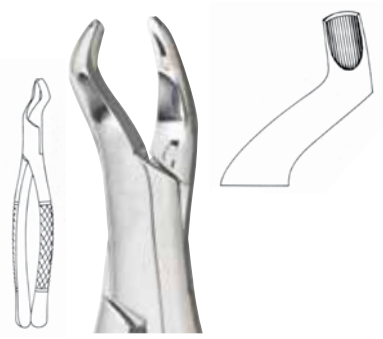
DEF23
Universal; Cow Horn



DEF85A
Universal



DEF88L
Left



DEF210S
Universal

Extracting Forceps Stainless Steel

REF	Description	Type	Size
DEF1STD	1 Standard Extracting Forceps	-	6-1/2"
DEF6	6 Extracting Forceps	splitting/separating	6-1/2"
DEF62	62 Extracting Forceps	-	6-1/2"
DEF69	69 Extracting Forceps	-	6-1/2"
DEF101	101 Extracting Forceps	-	6-1/2"
DEF116	WITZEL Root Splinter Forceps	lower	6-1/2"
DEF120	WITZEL Root Splinter Forceps	upper	6-1/2"
DEF150	150 Extracting Forceps	-	6-1/2"
DEF150A	150A Extracting Forceps	anterior	6-1/2"
DEF150AS	150AS Extracting Forceps	anterior, split beaks	6-1/2"
DEF151	151 Extracting Forceps	-	6-1/2"
DEF151A	151A Extracting Forceps	anterior	6-1/2"
DEF151AS	151AS Extracting Forceps	anterior, split beaks	6-1/2"



DEF1STD



DEF6
Splitting and Separating



DEF62
Universal



DEF69



DEF101
Universal



DEF116
Universal



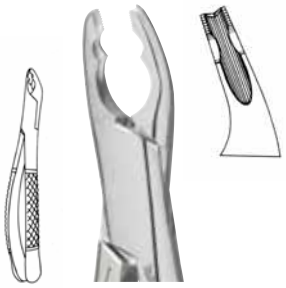
DEF120
Universal



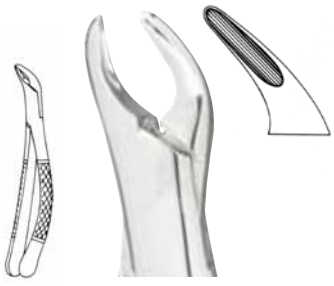
DEF150
Universal



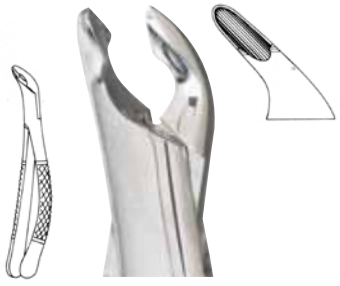
DEF150A
Universal; Parallel Beaks



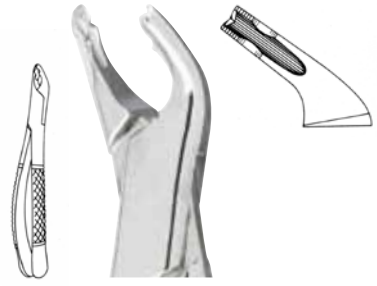
DEF150AS
Anteriors; Split Beaks; Serrated



DEF151
Universal



DEF151A
Parallel Beaks



DEF151AS
Lower Anteriors; Split Beaks; Serrated

Extracting Forceps, Flame-Plated, Tungsten Carbide Beaks

This unique process makes the carbide an integral part of the beak. Handle tips are 24kt gold-plated for easy identification. Miltex® Extracting Forceps are far superior to ordinary stainless steel extracting forceps.

- Better Grip
- Longer Wear
- Permanent Serrations

REF	Description	Type	Size
DEF1STDTC	1 Standard Tooth Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF17TC	17TC Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF150TC	150TC Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF150STC	150STC Petite Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF151TC	151TC Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF151STC	151STC Petite Extracting Forceps	serrated, carbide beaks	6-1/2″
DEF53LTC	53LTC Extracting Forceps	serrated, carbide beaks	6-1/2″



DEF1STDTC



DEF17TC
Universal



DEF150TC
Universal



DEF150STC
Universal



DEF151TC
Universal



DEF151STC
Universal



DEF53LTC
Left

Tartar Removal Forceps

Tartar Removal Forceps are often used when there is an excessive amount of tartar build up on dog's teeth. The long tip is placed behind the tooth while the curved portion is placed at the top of the tooth on the front side. The clinician will then apply gentle pressure and pull down the front of the forceps. Tartar will then be chipped off by this movement. These instruments are NOT designed for feline teeth nor are they an acceptable replacement for proper cleaning utilizing hand and ultrasonic scalers. This tool is strictly for the removal of large bits of tartar and not for basic tartar build up.

REF	Description	Size
6051	Tartar Removal Forceps	4-1/2" (11.4 cm)
6052	Tartar Removal Forceps	5-1/2" (14 cm)



6051



6052

Bone Files

REF	Description	Type	Length
TKSC910	SCHLUGER 9-10 File	Tactile Tone double end	-
TKSU12	SUGERMAN 1-2 File	Tactile Tone double end	-
TKSU34	SUGERMAN 3-4 File	Tactile Tone double end	-
40-1370	Bone File	double end No. 10 pattern, plain serrations	7″ (17.8 cm)
40-1371	Bone File	double end No. 33 pattern, plain serrations	7″ (17.8 cm)
40-1375	Bone File	double end No. 64 - Miller pattern, plain serrations	7″ (17.8 cm)



TKSC910 TKSU12 TKSU34 40-1370 40-1371 40-1375

Bone Files

REF	Description	Type	Length
40-1380	Bone File	double end No. 45 - Miller pattern, plain serrations	7″ (17.8 cm)
40-1381	Bone File	double end No. 12 - Howard pattern, plain serrations	7″ (17.8 cm)
40-1382	Bone File	double end No. 12A - Howard pattern, one end plain, other serrated	7″ (17.8 cm)
40-1385	Bone File	double end No. 12CA - Howard (BELL) pattern, cross serration	7″ (17.8 cm)
40-2800	POLOKOFF Bone File	double end, narrow pattern	7-1/4″ (18.4 cm)
40-2801	POLOKOFF Bone File	short head, fine serrations	6″ (15.2 cm)
40-2802	POLOKOFF Bone File	long head, medium serrations	6-1/2″ (16.5 cm)



40-1380 40-1381 40-1382 40-1385 40-2800 40-2801 40-2802

Bone Chisels

REF	Description
62-2	No. 1 GARDNER Bone Chisel
62-4	No. 2 GARDNER Bone Chisel
62-6	No. 5 GARDNER Bone Chisel
62-8	No. 5R GARDNER Bone Chisel
70-144	OCHSENBEIN CHISEL #1
70-146	OCHSENBEIN CHISEL #2
70-148	OCHSENBEIN 3 DE #2 HANDLE
70-150	OCHSENBEIN Periodontal Chisel No. 4
TKOC3	OCHSENBEIN #3 Chisel Tactile Tone double end
TKOC4	OCHSENBEIN #4 Chisel Tactile Tone double end
UKK29	CHISEL KIRKLAND 29



62-2



62-4



62-6



62-8



70-144



70-146



70-148



70-150



TKOC3



TKOC4



UKK29

Graduated Chisels

Graduated chisels have reference graduation marks and are used to widen ridges. Graduated chisels are available in straight and curved patterns.

REF	Description
62-20	Chisel, Graduated, Straight, 3.8 mm (7-10-13-15-18mm markings)
62-21	Chisel, Graduated, Curved, 3.8 mm (7-10-13-15-18mm markings)
62-22	Chisel, Graduated, Straight, 7.5 mm (7-10-13-15-18mm markings)
62-23	Chisel, Graduated, Curved, 7.5 mm (7-10-13-15-18mm markings)



straight blade | curved blade



62-20 | 62-21 | 62-22 | 62-23

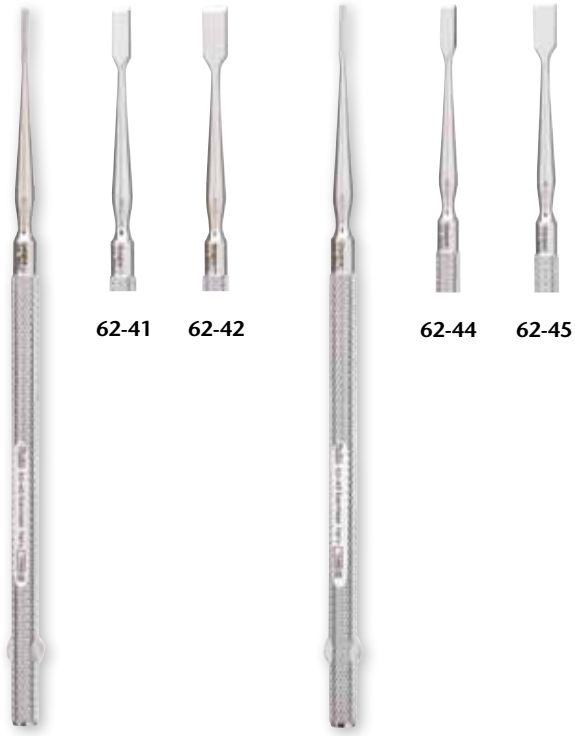
Freer Chisels

The extremely sharp tips of Freer chisels make it possible to incise and widen ridges. Freer chisels are available in single or double edge.

REF	Description
62-40	Chisel, Freer, Single Cut Blade, 2 mm
62-41	Chisel, Freer, Single Cut Blade, 4 mm
62-42	Chisel, Freer, Single Cut Blade, 6 mm
62-43	Chisel, Freer, Double Cut Blade, 2 mm
62-44	Chisel, Freer, Double Cut Blade, 4 mm
62-45	Chisel, Freer, Double Cut Blade, 6 mm



Single Blade | Double Blade

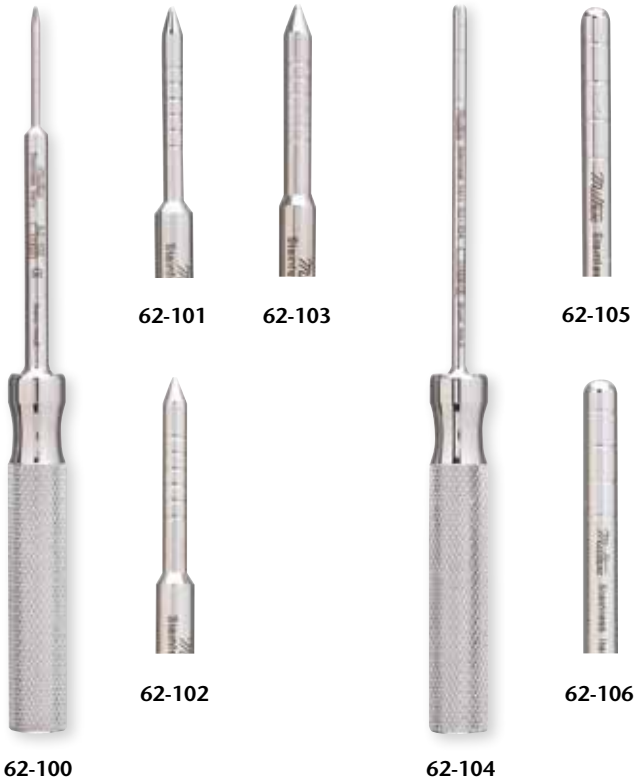


62-40 | 62-41 | 62-42 | 62-43 | 62-44 | 62-45

Osteotome

Osteotomes are specially designed for progressive circumferential (circular) expansion.

REF	Description
62-100	Osteotome, Sharp, 2 mm
62-101	Osteotome, Sharp, 2.7 mm
62-102	Osteotome, Sharp, 3.25 mm
62-103	Osteotome, Sharp, 3.8 mm
62-104	Osteotome, Blunt, 3 mm
62-105	Osteotome, Blunt, 4 mm
62-106	Osteotome, Blunt, 5 mm



Progressive Osteotome

Progressive osteotomes can be used to prepare an implant site in maxillary areas with bone densities 3 or 4.

REF	Description
62-120	Osteotome, Progressive, Concave, 1.6 mm
62-121	Osteotome, Progressive, Concave, 1.9 mm
62-122	Osteotome, Progressive, Concave, 2.8 mm
62-123	Osteotome, Progressive, Concave, 3.1 mm
62-124	Osteotome, Progressive, Concave, 3.9 mm
62-125	Osteotome, Progressive, Concave, 5.5 mm



Sinus Lift Instruments

Sinus lift instruments aid in lifting the sinus cavity for implant site preparation. Elevators and curettes are also available to assist this procedure.

REF	Description
62-180	Elevator, Sinus, Lift No. 1
62-181	Elevator, Sinus, Lift No. 2
62-182	Elevator, Sinus, Lift No. 3
62-183	Elevator, No. B1
62-184	Elevator, No. B2
62-185	Elevator, No. B3
62-190	Curette, Sinus, Lift No. 1
62-191	Curette, Sinus, Lift No. 2
62-192	Curette, Sinus, Lift No. B1



62-180 62-181 62-182 62-183 62-184 62-185 62-190 62-191 62-192

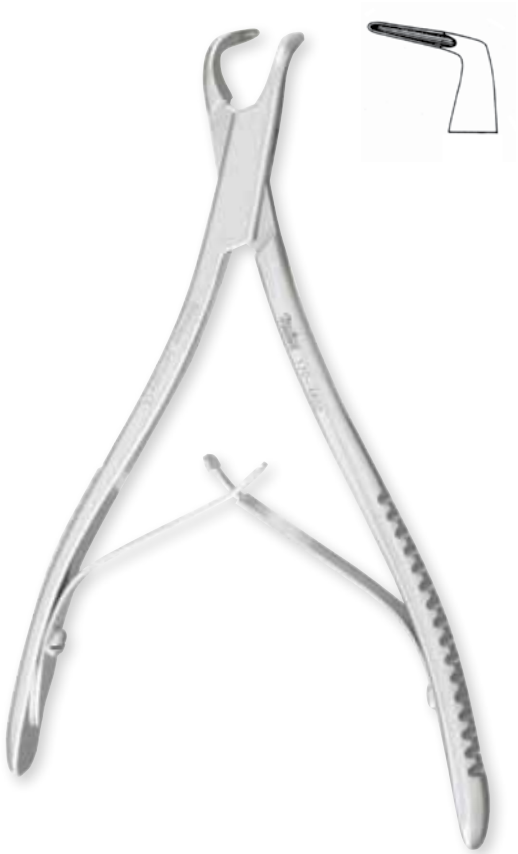
Rongeurs

Rongeurs are crafted from the finest quality German grade stainless steel and are used to cut and shape bone.

REF	Description	Type	Length
17-4801	Micro FRIEDMAN Rongeur	curved, 1.3 mm jaw	5-1/2" (14 cm)
17D-4802	Micro FRIEDMAN Rongeur	90° angle, 1.3 mm jaw	5-1/2" (14 cm)
22D-422	Mini-BLUMENTHAL Oral Surgery Rongeur	25° angle	5-1/4" (13.3 cm)



17-4801



17D-4802



22D-422

Rongeurs

REF	Description	Type	Length
22D-424	Mini-BLUMENTHAL Rongeur	45° angled beaks	5" (12.7 cm)
22D-426	CLEVELAND Oral Surgery Rongeur	no. 5A pattern, side cutting	6-1/2" (16.5 cm)
22D-428	CLEVELAND Oral Surgery Rongeur	no. 5S pattern, side cutting	5-1/4" (13.3 cm)



22D-424



22D-426



22D-428

Rongeurs

REF	Description	Type	Size
22D-432	Oral Surgery Rongeur	no. 1 pattern, strong curved	6-1/2" (16.5 cm)
22-480	BLUMENTHAL Oral Surgery Rongeur	beaks at 30° angle	6" (15.2 cm)
22-486	Oral Surgery Rongeur	no. 4 pattern, slightly curved beaks	5-1/2" (14 cm)
22-488	Oral Surgery Rongeur	no. 4A pattern, slightly angled beaks	6-1/2" (16.5 cm)
22-490	CLEVELAND Oral Surgery Rongeur	no. 5 pattern, side cutting	6-3/4" (17.1 cm)



22D-432



22-480



22-486



22-488



22-490

Rongeurs

REF	Description	Type	Size
22-492	GARDNER Oral Surgery Rongeur	no. 6A pattern, end cutting	6-1/2" (16.5 cm)
22-494	FRIEDMAN Oral Surgery Rongeur	very delicate	5-1/2" (14 cm)
6081	Pig Tooth Nippers	with spring	5-1/2" (14 cm)



22-492



22-494



6081

Root Tip Forceps

REF	Description	Tip	Length
6-338	WILLIAMS Splinter Forceps	straight	5-1/2″ (14 cm)
6-340	WILLIAMS Splinter Forceps	45° angle	5-1/2″ (14 cm)
6-342	WILLIAMS Splinter Forceps	right angle	4-3/4″ (12.1 cm)
6-350	PEET Splinter Forceps	double curve	4-3/4″ (12.1 cm)
7-20	HALSTED Mosquito Forceps	jaws angled 45° on flat, extra delicate	4-1/2″ (11.4 cm)
66-660	Silver Point Holding Forceps	grooved jaws, right angle	4-3/4″ (12.1 cm)



6-340 6-342

6-338



6-350



7-20



66-660

College (Cotton) Pliers

REF	Description	Feature
017-27541	FLAGG Pliers	serrated beak
66-311	311 Dental Cotton (College) Pliers	forked tips, smooth
66-312A	312A Dental Cotton (Perry) Pliers	angled, serrated tips
66-317	317 Dental Cotton (College) Pliers	serrated tips
66-317A	317A Dental Cotton (College) Pliers	extra fine tips, serrated
66-317B	317B College Pliers, X-fine tips	serrated with long fine points
66-317S	317 Dental Cotton (College) Pliers	smooth tips
66-318	318 MERIAM Pliers	serrated tips
66-318-49	318-49 College Pliers, non-pinch	fine points, serrated
66-49	49 College Pliers, non-pinch	fine points, serrated
66-652	Cotton Pliers with lock	serrated tips
66-656	Cotton Pliers with lock	grooved tips



017-27541



66-311

66-312A



66-317



66-317A 66-317B 66-317S



66-318-49 66-49



66-318



66-652



66-656

Corn Suture & Endodontic Pliers

REF	Description	Feature	Length
70-153	CORN Suture Pliers	serrated	6" (15.2 cm)
017-24200	Endodontic Pliers with lock	one grooved/one serrated beak	6" (15.2 cm)
017-24204	Endodontic Pliers	one grooved/one serrated beak	6" (15.2 cm)
017-24205	Endodontic Pliers	two grooved beaks	6" (15.2 cm)
017-24211	Endodontic Pliers with lock	extra fine, one grooved/one serrated beak	6" (15.2 cm)
017-24212	Endodontic Pliers	extra fine, one grooved/one serrated beak	6" (15.2 cm)



70-153



017-24200
017-24204



017-24205



017-24211
017-24212

Wound Dressing Products

Miltex® collagen wound dressing products are used to help control bleeding, develop blood clots and to protect the wound site in order for the healing process to begin. The Miltex® product offering includes HeliCote™, HeliPlug™ and HeliTape™. The Heli products are reabsorbed by the body within 10 to 14 days after placement.

These collagen products are packaged in individual clam shells with an easy to peel backing. This packaging reduces tray set up time and makes it easy for clinicians to open packages during procedures. The product is sterile and sold in packs of 10.

REF	Description	Size	Qty/Box
62-200	HeliTape	1" x 3" (2.5 cm x 7.5 cm)	10
62-201	HeliCote	3/4" x 1.5" (1.9 cm x 3.8 cm)	10
62-202	HeliPlug	3/8" x 3/4" (1 cm x 2 cm)	10

HeliTAPE™

Indications

- *Used for dressing minor wounds*
- *Used to aid in the closure of graft sites*
- *Used to help repair the Schniderian Membrane*

HeliCOTE™

Indications

- *Used in palatal donor sites*
- *Used in mucosal flaps*

HeliPLUG™

Indications

- *Used to control bleeding and to develop blood clots in extraction sites*
- *Used to control bleeding and to develop blood clots in biopsy sites*



MILTEX® ENDODONTIC INSTRUMENTS

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Liberator® Endodontic Files

Liberator® Rotary Nickel-Titanium Endodontic Files incorporate a unique straight blade design and a manufacturing process that eliminates the traditional helical flutes found on virtually all rotary endodontic files. The result is that Liberator® files will not self-thread into a canal, a major contributor to file separation.

Liberator® files provide a level of safety, control and effectiveness that is unprecedented in rotary nickel-titanium files.

Apical Shaping Files

.02 Taper - 6 files per package

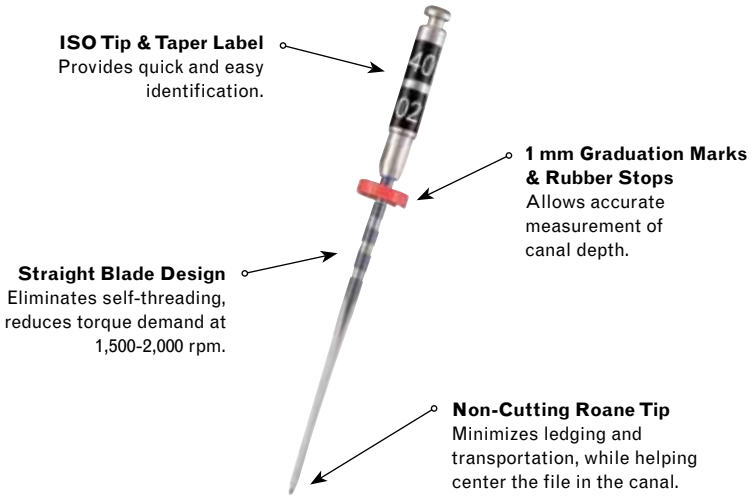
Tip	21 mm	25 mm
15	012-28001	012-28015
20	012-28002	012-28016
25	012-28003	012-28017
30	012-28004	012-28018
35	012-28005	012-28019
40	012-28006	012-28020
15-40	012-28007	012-28021
45	012-28008	012-28022
50	012-28009	012-28023
55	012-28010	012-28024
60	012-28011	012-28025
70	012-28012	012-28026
80	012-28013	012-28027
45-80	012-28014	012-28028

.04 Taper - 6 files per package

Tip	21 mm	25 mm
15	012-28101	012-28112
20	012-28102	012-28113
25	012-28103	012-28114
30	012-28104	012-28115
35	012-28105	012-28116
40	012-28106	012-28117
15-40	012-28107	012-28118
45	012-28108	012-28119
50	012-28109	-
60	012-28110	-
70	012-28111	-

.06 Taper - 6 files per package

Tip	21 mm	25 mm
15	012-28201	012-28212
20	012-28202	012-28213
25	012-28203	012-28214
30	012-28204	012-28215
35	012-28205	012-28216
40	012-28206	012-28217
15-40	012-28207	012-28218
45	012-28208	012-28219
50	012-28209	-
60	012-28210	-
70	012-28211	-
70	012-28111	-



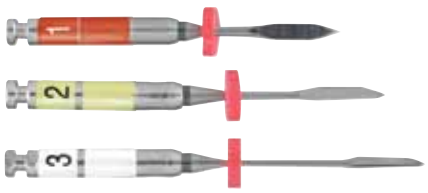


Gates Glidden Drills

Gates Glidden drills are designed with a flame-shaped, boring head on a slender shaft. These drills reduce the curvature in the orifice of the canal, which allows for greater access to the canal for cleaning and obturation. Gates Glidden drills are sold 6 per pack.

No.	Tip	Taper	Length
012-28401	118 (RGG #1)	.08	13 mm
012-28402	94 (RGG #2)	.08	16 mm
012-28403	70 (RGG #3)	.08	19 mm
012-28405	70-118	.08	Assorted

6 per package



Gates Glidden & Mini-Entrée Gates Glidden Drills

No.	RA - 32 mm Item No.	RA - 28 mm Item No.
1	017-19300	017-19400
2	017-19301	017-19401
3	017-19302	017-19402
4	017-19303	017-19403
5	017-19304	017-19404
6	017-19305	017-19405
Assorted	017-19306	017-19406

6 per package



Peeso Reamers are designed with long, sharp flutes that provide rapid widening of the coronal area. These reamers are used to reduce the curvature of the canal and for post preparation. They are sold 6 per pack.

Peeso Reamers (RA) - 6 per package

No.	RA- 32 mm Item No.
1	017-19350
2	017-19351
3	017-19352
4	017-19353
5	017-19354
6	017-19355
Assorted	017-19356



Endo-Gripper™ - Slow Speed Handpiece for Finger Instruments

This unique handpiece was designed to provide clinicians with the "best of both worlds" by combining a high-tech device with the traditional finger instrumentation and procedures.

- *Implement a 45 degree turn technique in a quick, efficient manner.*
- *Reduces fatigue by cutting procedure times.*
- *Easy to operate - indexable and features push-button loading*

REF	Description
017-36352	"E" for E-type low-speed (Universal/European)



The Tardie™ - Slow Speed and High Torque Handpiece for Rotary Instruments

The Tardie™ slow speed handpiece system was developed for endodontic procedures where slow and controlled speed (150 to 350 rpm) with high torque is mandatory.



- *Faster procedures to reduce fatigue*
- *Greater Control with a 64:1 Gear Reduction*

REF	Description
017-36400	20,000 rpm Airmotor (only)
017-36401	Reduction Adapter 64:1 (only)
017-36402	Latch Head (only)
017-36403	Tardie Complete System (Airmotor, adapter and angle)
017-36404	Tardie Adapter and Angle (see picture)
017-36406	Ball Bearing Latch Head

The Sprint™ TCM - Torque controlled Electric Endodontic Motor

- Keyboard Panel with digital readout
- 2 Selectable Torque Modes - One mode for allowable torque; and the other for when the unit reverses directions
- Selectable Torque levels from 2 to 50 gm/cm to prevent file separation.
- 3 settings: 1:1, 8:1 and 10:1
- Speed range of 75 to 800 rpm
- The preset torque control automatically reverses before too much torque is reached
- Autoclavable Micro Hand Held Motor



Sets

REF	Description
017-36295	Sprint TCM and Tardie 10
017-36296	Sprint TCM and Tardie El 8:1 HP

Components

REF	Description
017-36300	Sprint TCM
017-36307	Tardie 10:1 Reduction HP
017-36308	Tardie Elite 8:1 Reduction HP

Union Broach® Flex-R® Files - Flexible Roane Tip Stainless Steel File

Flex-R® Files are our most popular Union Broach® endodontic hand file. The files are designed with a non-cutting "Roane" tip designed by Dr. James Roane. Made from high quality stainless steel, the Flex-R® file ensures the most comprehensive cleaning and shaping of the root canal.

FEATURES

Made from the purest stainless steel available
Non-cutting Roane tip
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Helps ensure strength and quality of product
Reduces chance of file ledging or occurence of transportation
Allows for easy identification of file

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm	21 mm w/Stops	25 mm	25 mm w/Stops	31 mm	31 mm w/Stops
8	012-14002	012-S4002	012-14061	012-S4061	012-14181	-
10	012-14003	012-S4003	012-14062	012-S4062	012-14182	-
15	012-14004	012-S4004	012-14063	012-S4063	012-14183	-
20	012-14005	012-S4005	012-14064	012-S4064	012-14184	-
25	012-14006	012-S4006	012-14065	012-S4065	012-14185	-
30	012-14007	012-S4007	012-14066	012-S4066	012-14186	-
35	012-14008	012-S4008	012-14067	012-S4067	012-14187	-
40	012-14009	012-S4009	012-14068	012-S4068	012-14188	-
45	012-14011	-	012-14070	-	012-14190	-
50	012-14012	012-S14012	012-14071	-	012-14191	-
55	012-14013	012-S14013	012-14072	-	012-14192	-
60	012-14014	-	012-14073	-	012-14193	-
70	012-14015	-	012-14074	-	012-14194	-
80	012-14016	-	012-14075	-	012-14195	-
90	-	-	012-14077	-	012-14197	-
100	-	-	012-14078	-	012-14198	-
110	-	-	012-14079	-	012-14199	-
120	-	-	012-14081	-	012-14201	-
130	-	-	012-14082	-	012-14202	-
140	-	-	012-14083	-	012-14203	-
15-40*	012-14010	012-S4010	012-14069	012-S4069	012-14189	012-S4189
45-80*	012-14017	012-S4070	012-14076	012-S4076	012-14196	012-S4196
90-110*	-	-	012-14080	-	012-14200	-
120-140*	-	-	-	-	012-14204	-
90-140*	-	-	-	-	012-14205	-

* Assorted



Union Broach® Mor-Flex®

Mor-Flex® files are "K" type files with a cutting tip design. The files allow for comprehensive cleaning and shaping of the canal. The flat end of the handle may be accurately used as a radiographic landmark on X-rays. Mor-Flex® files are made from the purest stainless steel which helps ensure the material strength of the file.

FEATURES

Made from the purest stainless steel available
Cutting tip
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes and lengths

BENEFITS

Helps ensure strength and quality of product
Allows for more aggressive removal of material from the canal
Allows for easy identification of file

K-Type Files (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm No.	21 mm w/Stops No.	25 mm No.	25 mm w/ Stops No.	31 mm No.	31 mm w/Stops No.
6	012-10001	012-S0001	012-10060	012-S0060	012-10180	012-S0180
8	012-10002	012-S0002	012-10061	012-S0061	012-10181	012-S0181
10	012-10003	012-S0003	012-10062	012-S0062	012-10182	012-S0182
15	012-10004	012-S0004	012-10063	012-S0063	012-10183	012-S0183
20	012-10005	012-S0005	012-10064	012-S0064	012-10184	012-S0184
25	012-10006	012-S0006	012-10065	012-S0065	012-10185	012-S0185
30	012-10007	012-S0007	012-10066	012-S0066	012-10186	012-S0186
35	012-10008	012-S0008	012-10067	012-S0067	012-10187	-
40	012-10009	012-S0009	012-10068	012-S0068	012-10188	-
45	012-10011	012-S0011	012-10070	012S0070	012-10190	-
50	012-10012	012-S0012	012-10071	012S0071	012-10191	-
55	012-10013	012-S0013	012-10072	012S0072	012-10192	-
60	012-10014	012-S0014	012-10073	012S0073	012-10193	-
70	012-10015	012-S0015	012-10074	012S0074	012-10194	-
80	012-10016	012-S0016	012-10075	012S0075	012-10195	-
90	-	-	012-10076	-	012-10197	-
100	-	-	012-10077	-	012-10198	-
110	-	-	012-10078	-	012-10199	-
120	-	-	012-10079	-	012-10201	-
130	-	-	-	-	012-10202	-
140	-	-	-	-	012-10203	-
15-40*	012-10010	012-S0010	012-10069	012-S0069	012-10189	012-S0189
45-80*	012-10017	012-S0011	012-10076	012-S0076	012-10196	012-S0196
90-110*	-	-	-	012-S0080	-	-
90-140*	-	-	-	-	012-10205	-
120-140*	-	-	-	-	012-10204	-

* Assorted



Union Broach® Sharpie® Hedstrom Files

Sharpie® Hedstrom files are good for use on teeth with irregular walls or for removing instruments (i.e. separated files). Sharpie® Hedstrom files tend to cut more aggressively than reamers or "K" type files.

FEATURES

Made from the purest stainless steel available
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes and lengths

BENEFITS

Helps ensure strength and quality of product
Allows for easy identification of file

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm	21 mm w/Stops	25 mm	25 mm w/Stops	31 mm	31 mm w/Stops
10	012-11000	012-S1000	012-11059	012-S1059	012-11179	-
15	012-11001	012-S1001	012-11060	012-S1060	012-11180	-
20	012-11002	012-S1002	012-11061	012-S1061	012-11181	-
25	012-11003	012-S1003	012-11062	012-S1062	012-11182	-
30	012-11004	012-S1004	012-11063	012-S1063	012-11183	-
35	012-11005	012-S1005	012-11064	012-S1064	012-11184	-
40	012-11006	012-S1006	012-11065	012-S1065	012-11185	-
45	012-11008	-	012-11067	-	012-11187	-
50	012-11009	-	012-11068	-	012-11188	-
55	012-11010	-	012-11069	-	012-11189	-
60	012-11011	-	012-11070	-	012-11190	-
70	012-11012	-	012-11071	-	012-11191	-
80	012-11013	-	012-11072	-	012-11192	-
90	012-11015	-	012-11074	-	012-11194	-
100	012-11016	-	012-11075	-	012-11195	-
110	-	-	012-11076	-	012-11196	-
120	-	-	-	-	012-11198	-
130	-	-	-	-	012-11199	-
140	-	-	-	-	012-11200	-
15-40*	012-11007	012-S1007	012-11066	012S1066	012-11186	012-S1186
45-80*	012-11014	012-S1014	012-11073	012-S1073	012-11193	012-S1193
90-110*	-	-	012-11077	-	012-11197	-
120-140*	-	-	-	-	012-11201	-
90-140*	-	-	-	-	012-11202	-

* Assorted



Union Broach® Onyx-R® Files (Nickel Titanium Flex-R® File)

Onyx-R® files are made from nickel titanium which allows the files to be more flexible in tight curvature canals. They are designed with a non-cutting "Roane" tip designed by Dr. James Roane.

FEATURES

Nickel Titanium is more flexible
Non-cutting Roane tip
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Pre-bending files is not necessary and follow the existing canal path
Reduces chance of file ledging or occurence of transportation
Allows for easy identification of file

Nickel Titanium (.02 taper) - 6 per pack

Standard Instrument Size	21 mm No.	21 mm w/Stops	25 mm No.	25 mm w/Stops
15	012-15001	012-S5001	012-15061	012-S5061
20	012-15002	012-S5002	012-15062	012-S5062
25	012-15003	012-S5003	012-15063	012-S5063
30	012-15004	012-S5004	012-15064	012-S5064
35	012-15005	012-S5005	012-15065	012-S5065
40	012-15006	012-S5006	012-15066	012-S5066
45	012-15008	-	012-15068	012-S5068
50	012-15009	-	012-15069	-
55	012-15010	-	012-15070	-
60	012-15011	-	012-15071	-
70	012-15012	-	012-15072	-
80	012-15013	-	012-15073	-
15-40*	012-15007	012-S5007	012-15067	012-S5067
45-80*	012-15014	012-S5014	012-15074	012-S5074

* Assorted



Union Broach® Onyx-H™ Files (Nickel Titanium Hedstrom Files)

Onyx-H™ files are made from nickel titanium which allows the files to be more flexible in tightly curved canals.

FEATURES

Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Allows for easy identification of file

Nickel Titanium (.02 taper) - 6 per pack

Standard Instrument Size	21 mm No.	25 mm No.
15	012-15080	012-15100
20	012-15081	012-15101
25	012-15082	012-15102
30	012-15083	012-15103
35	012-15084	012-15104
40	012-15085	012-15105
45	012-15087	012-15107
50	012-15088	012-15108
55	012-15089	012-15109
60	012-15090	012-15110
70	012-15091	012-15111
80	012-15092	012-15112
15-40*	012-15086	012-15106
45-80*	012-15093	012-15113

* Assorted



Miltex® K-Files

Miltex® K-files have a large helix angle which increases the cutting efficiency in the linear filing action as opposed to a reaming action.

FEATURES
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS
Allows for easy identification of file

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm	25 mm	31 mm
6	DKF21/06	DKF25/06	DKF31/06
8	DKF21/08	DKF25/08	DKF31/08
10	DKF21/10	DKF25/10	DKF31/10
15	DKF21/15	DKF25/15	DKF31/15
20	DKF21/20	DKF25/20	DKF31/20
25	DKF21/25	DKF25/25	DKF31/25
30	DKF21/30	DKF25/30	DKF31/30
35	DKF21/35	DKF25/35	DKF31/35
40	DKF21/40	DKF25/40	DKF31/40
45	DKF21/45	DKF25/45	DKF31/45
50	DKF21/50	DKF25/50	DKF31/50
55	DKF21/55	DKF25/55	DKF31/55
60	DKF21/60	DKF25/60	DKF31/60
70	DKF21/70	DKF25/70	DKF31/70
80	DKF21/80	DKF25/80	DKF31/80
15-40*	DKF21/15-40	DKF25/15-40	DKF31/15-40
45-80*	DKF21/45-80	DKF25/45-80	DKF31/45-80

* Assorted



Miltex® Hedstrom Files

Miltex® H-files have excellent cutting efficiency in a push and pull stroke.

FEATURES
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS
Allows for easy identification of file

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm	25 mm
10	DHF21/10	DHF25/10
15	DHF21/15	DHF25/15
20	DHF21/20	DHF25/20
25	DHF21/25	DHF25/25
30	DHF21/30	DHF25/30
35	DHF21/35	DHF25/35
40	DHF21/40	DHF25/40
45	-	DHF25/45
50	-	DHF25/50
55	-	DHF25/55
60	-	DHF25/60
70	-	DHF25/70
80	-	DHF25/80
15-40*	DHF21/15-40	DHF25/15-40
45-80	-	DHF25/45-80

* Assorted



Miltex® Hi-5® File

Miltex® Hi-5® files are designed with helical ground flutes. These files have a strong and stiff pentagonal cross section good for penetration in small or calcified canals. Made from high quality stainless steel, Miltex® Hi-5® files provide strength and ensure proper cleaning and shaping.

FEATURES

Made from the purest stainless steel available
Stiff pentagon cross section
Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes and lengths

BENEFITS

Helps ensure strength and quality of product
Resilient and effective cutting instruments
Allows for easy identification of file

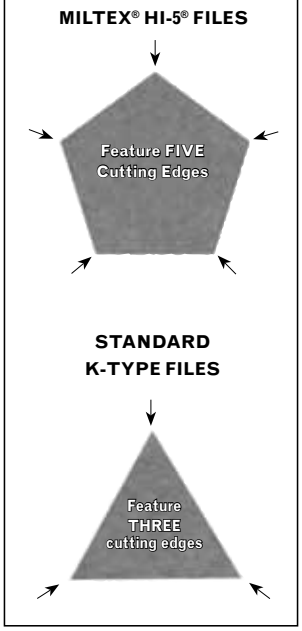
Stainless Steel - 6 per pack

Standardized Instrument Size	21 mm No.	25 mm No.
6	012-26001	012-26005
8	012-26002	012-26006
10	012-26003	012-26007
15	012-26004	012-26008
06-15*	012-26009	012-26010

* Assorted



Cross Section Comparison



Union Broach® Barbed Broaches

- Manufactured from stainless steel—12 Per Box.
- Used to remove soft tissue in the canal.
- May also be used to remove intra-canal dressings.

REF	Description
012-13001	Coarse
012-13002	Medium
012-13003	Fine
012-13004	X-Fine
012-13005	XX-Fine
012-13006	XXX-Fine
012-13007	XXXX-Fine
012-13008	Assorted



Union Broach® Reamers

Union Broach® Reamers are well suited for removing old gutta percha fillings and may be used as a paste filler to place cement near the apex. Reamers are used in either a revolving or a filing action.

- *Handles are ISO color coded and printed with the ISO file tip size – Allows for easy identification of file*
- *Available in a variety of sizes, lengths and rubber stop configurations*

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21 mm No.	25 mm No.	25 mm W/Stops	31 mm
8	012-12002	012-12061	-	012-12181
10	012-12003	012-12062	-	012-12182
15	012-12004	012-12063	-	012-12183
20	012-12005	012-12064	-	012-12184
25	012-12006	012-12065	-	012-12185
30	012-12007	012-12066	-	012-12186
35	012-12008	012-12067	-	012-12187
40	012-12009	012-12068	-	012-12188
45	012-12011	012-12070	-	012-12190
50	012-12012	012-12071	-	012-12191
55	012-12013	012-12072	-	012-12192
60	012-12014	012-12073	-	012-12193
70	012-12015	012-12074	-	012-12194
80	012-12016	012-12075	-	012-12195
90	-	-	-	012-12197
100	-	-	-	012-12198
110	-	-	-	012-12199
120	-	-	-	012-12201
130	-	-	-	012-12202
140	-	-	-	012-12203
15-40	012-12010	012-12069	-	012-12189
45-80	012-12017	012-12076	012-S2076	012-12196



Miltex® Reamers

Miltex® Reamers are well suited for removing old gutta percha fillings and may be used as a paste filler to place cement near the apex. Reamers are used in either a revolving or a filing action.

- *Handles are ISO color coded and printed with the ISO file tip size – Allows for easy identification of file*
- *Available in a variety of sizes and lengths – Meets the needs of dental professionals*

Stainless Steel - 6 per pack

Standardized Instrument Size	21 mm	25 mm
8	DR21/08	DR25/08
10	DR21/10	DR25/10
15	DR21/15	DR25/15
20	DR21/20	DR25/20
25	DR21/25	DR25/25
30	DR21/30	DR25/30
35	DR21/35	DR25/35
40	DR21/40	DR25/40
45	DR21/45	DR25/45
50	DR21/50	DR25/50
55	DR21/55	DR25/55
60	DR21/60	DR25/60
70	DR21/70	DR25/70
80	DR21/80	DR25/80
15-40*	DR21/15-40	DR25/15-40
45-80*	DR21/45-80	DR25/45-80

* Assorted



Juniors

Juniors are disposable pipettes filled with different endodontic medicaments. Juniors allow for precise dispensing every time. The squeezable bulb eliminates the need to transfer solutions from container to syringe.

REF	Product Name	Description	Package
033-39210P	Slide Juniors	File Lubricant w/10% urea peroxide	35/box
033-39211P	Slide SH Juniors	Slide w/3% Sodium Hypochlorite	35/box
017-39211P	Endodilator Juniors	15% EDTA	35/box
033-39214P	Endo-Klean™ Juniors	2.5% Sodium Hypochlorite	35/box
033-39215P	Lube Juniors	File Lubricant w/NaOH and EDTA	35/box



Endodilator™

Endodilator™ solution irrigates and softens dentin and chelates root canal walls. Endodilator solution contains 15% EDTA and superficially dissolves root canal walls without harming vital tissue. It is self-limiting and sterilizing and active at a neutral pH level. Endodilator solution is inactivated by oxygen or chlorine.

REF	Description
017-39211	60 ml Bottle



017-39211

Endo-Klean™

Endo-Klean™ solution contains 2.5% sodium hypochlorite and cleans, irrigates and finishes root canals. Endo-Klean solution is intended as an irrigant in the exploration and debridement of root canals, leaving the canal dry and reducing the use of paper points.

REF	Description
033-39214	60 ml Bottle



033-39214

Slide™ - File Lubrication

Slide™ file lubrication cleans and lubricates the canal, reducing the chance of ledging. Slide file lubrication contains 10% urea peroxide in a gel base and is ideal for rotary instrumentation. Slide file lubrication was specifically formulated by Dr. Joseph Dovgan to facilitate instrument movement and to remove debris from the root canal. Slide file lubrication also enhances file efficiency, disinfects and decreases fibrous apical blockage.

REF	Description
033-39210	60 ml Bottle

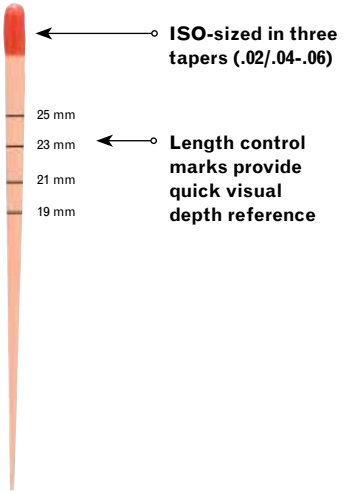


033-39210

Marked Gutta Percha and Paper Points

Miltex® Marked Gutta Percha points have millimeter markings on the cones to aid clinicians in identifying how deep in the canal the gutta percha is placed during the obturation procedure. Each radiopaque and cadmium-free gutta percha cone is marked at 19, 21, 23 and 25 millimeters from the tip. The gutta percha cones are hand-rolled with precision to ensure proper ISO specifications are met. Gutta percha cones are available in .02, .04 and .06 tapers in tip sizes from 15 to 140. Accessory points are also available unmarked. All gutta percha is sold in easy-to-dispense plastic trays in counts from 60 to 120 with a 4 year shelf life.

Miltex® paper points are made from a super-absorbent material that maximizes canal cleaning while minimizing residual fibers in the canal that can cause root canal failure and patient sensitivity. The paper points are sold in easy-to-dispense plastic trays in counts from 180 to 200 with a 3 year shelf life.



Marked Gutta Percha Points

Size	.02 mm Taper 120/Slide Box REF	.04 mm Taper 100/Slide Box REF	.06 mm Taper 60/Slide Box REF
#15	017-51200	017-51220	017-51240
#20	017-51201	017-51221	017-51241
#25	017-51202	017-51222	017-51242
#30	017-51203	017-51223	017-51243
#35	017-51204	017-51224	017-51244
#40	017-51205	017-51225	017-51245
#45	017-51206	017-51226	017-51246
#50	017-51207	017-51227	017-51247
#55	017-51208	017-51228	-
#60	017-51209	017-51229	-
#70	017-51210	-	-
#80	017-51211	-	-
#15-40	017-51212	017-51230	017-51248
#45-80	017-51213	017-51231	017-51249
#90-140	017-51214	017-51232	017-51250

- *Radiopaque*
- *Cadmium-Free*



Paper Points

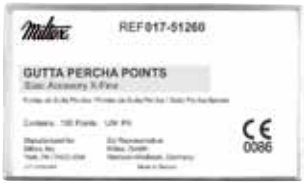
Size	200/Slide Box REF	180/Cell Box (5/Cell) REF
#15	017-51100	017-51120
#20	017-51101	017-51121
#25	017-51102	017-51122
#30	017-51103	017-51123
#35	017-51104	017-51124
#40	017-51105	017-51125
#45	017-51106	017-51126
#50	017-51107	017-51127
#55	017-51108	017-51128
#60	017-51109	017-51129
#70	017-51110	017-51130
#80	017-51111	017-51131
#15-40	017-51112	017-51132
#45-80	017-51113	017-51133
#90-140	017-51114	017-51134

- *Super Absorbent*
- *ISO-Sized*



Accessory Gutta Percha Points

	100/Box REF
XX-Fine	017-51260
X-Fine	017-51261
Fine	017-51262
Medium	017-51263
Coarse	017-51264
X-Coarse	017-51265
Assorted	017-51266



- *Multi-Purpose*

Accessory Paper Points

	200/Box REF	180/Cell Box (5/Cell)
XX-Fine	017-51140	017-51160
X-Fine	017-51141	017-51161
Fine	017-51142	017-51162
Medium	017-51143	017-51163
Coarse	017-51144	017-51164
X-Coarse	017-51145	017-51165
Assorted	017-51146	017-51166

Inject-R Fill® - Back Fill Injection System

- No repetitive additions of points or segments.
- No multiple injections.
- No disassembly of injection-system syringes for cleanup.
- No cutting of the carrier is necessary.



REF	Description
012-23018	Each package contains 6 Inject-R Fill cartridges

Tri-R Post System™

Each post is made from textured stainless steel with wide spiral grooves and wide flat spiral ridges for maximized balanced strength, retention and ability to follow the canal contour.



REF	Description
012-12400	**Tri-R Post System™** 1 sterilizable organizer 24 color-coded posts in 4 sizes (6 each size)

Replacements

Size	Replacement Posts - 10/pack	Replacement Drills - 3/pack
1	012-12401	012-12501
2	012-12402	012-12502
3	012-12403	012-12503
4	012-12404	012-12504

Rotary Obturators

Rotary Obturators from Miltex are engine-driven nickel-titanium obturation files that feature a reverse-helix design to heat and condense gutta percha into an endodontically treated canal system. The Rotary Obturators are offered in a 23 mm operative length with a 0.02 taper and are available in ISO tip sizes 30 through 55.

FEATURES	BENEFITS
ISO Tip & Taper	*Clearly marked for easy identification.*
Nickel-Titanium	*Provides flexibility in canal.*
23 mm Operative Length	*One size fits all.*
Reverse Helix Design	*Heats and condenses gutta percha into canal.*



REF	Description - 6 per pack
012-19601	30/.02 mm Rotary Obturator
012-19602	35/.02 mm Rotary Obturator
012-19603	40/.02 mm Rotary Obturator
012-19604	45/.02 mmRotary Obturator
012-19605	50/.02 mm Rotary Obturator
012-19606	55/.02 mm Rotary Obturator
012-19607	Assorted (1 file each size)
017-36309	Sprint TCM w/1:1 handpiece

Paste Carriers (Lentulo Type)

- Flexible, strong, spring-type stainless steel
- RA Instrument Driven
- Reverse-spiral shaped, fine wire

No.	Iso No. (Diameter of working part at tip end)	Root Canal Enlargement Up to:	RA 20 mm REF No.	RA 24 mm REF No.
1	25 (.25 mm)	35 mm	017-19510	017-19515
2	30 (.30 mm)	45 mm	017-19511	017-19516
3	35 (.35 mm)	60 mm	017-19512	017-19517
4	40 (.40 mm)	140 mm	017-19513	017-19518
1-4 Asst.*	-	-	017-19514	017-19519



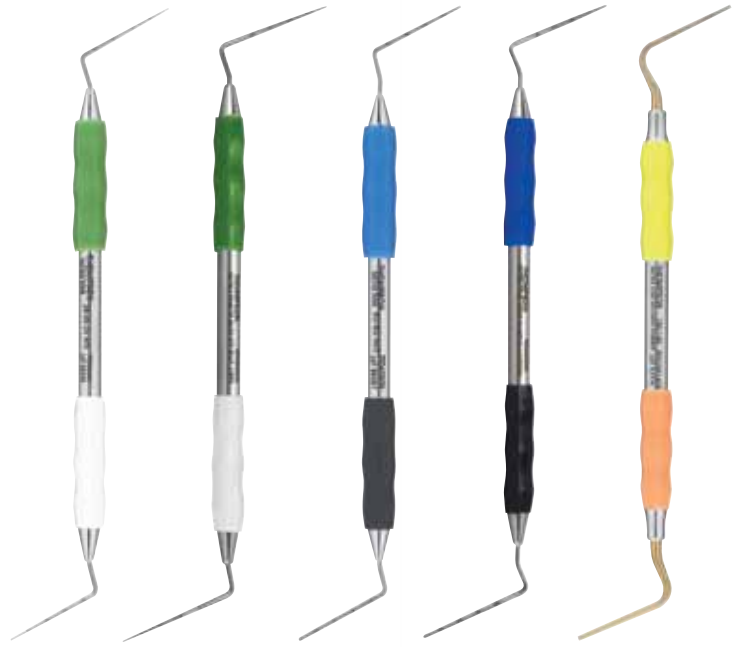
Dr. Dovgan Condensers

Dovgan Endodontic Condensers are specifically designed for vertical condensation of gutta percha. These condensers feature a double-ended design that saves time during procedures and ISO sizes for easier identification.

Sizes 35 – 80 are available in a 23 mm version and a 27 mm extended length. Crafted from nickel titanium and machined to a .04 mm taper, the condensers ensure proper compacting of gutta percha around curved canals.

Sizes 100 – 140 are stainless steel with a GTX™ non-stick finish applied to the instrument. The GTX™ coating helps reduces the sticking and pull back effect gutta percha can have on condensers in the coronal region of the tooth.

Description	Tactile Tone™
Dovgan 35-45/04 NiTi	TFD3545N
Dovgan 35-45/04 NiTi X-Long	TFD3545NXL
Dovgan 60-80/04 NiTi	TFD6080N
Dovgan 60-80/04 NiTi X-Long	TFD6080NXL
Dovgan 100-140/02	TFD100140X



TFD3545N TFD3545NXL TFD6080N TFD6080NXL TFD100140X

Endodontic Condensers/Pluggers

Endodontic condensers, also known as pluggers, are specifically designed for vertical condensation of gutta percha and other obturation materials. The condensers have 5 mm markings so clinicians can better gauge their working depth.

Description	Tactile Tone™	Round	Octagonal
Dr. Luks 1	UFL1	-	017-24630
Dr. Luks 2	UFL2	-	017-24631
Dr. Luks 3	UFL3	-	017-24632
Dr. Luks 4	UFL4	-	017-24633
ISO 100	UF100	-	-
ISO 110	UF110	-	-
ISO 130	UF130	-	-
ISO 30	UF30	-	-
ISO 35	UF35	-	-
ISO 40	UF40	-	-
ISO 45	UF45	-	-
ISO 50	UF50	-	-
ISO 55	UF55	-	-
ISO 60	UF60	-	-
ISO 65	UF65	-	-
ISO 70	UF70	-	-
ISO 80	UF80	-	-
ISO 85	UF85	-	-
ISO 90	UF90	-	-
Root Canal 1-3	TF13	017-24620	-
Root Canal 3 - 5	TF35	017-24621	
Root Canal 5 - 7	TF57	017-24622	-
Root Canal 9 - 11	TF911	017-24623	-



TF911 017-24620 017-24630

Finger Pluggers

Finger pluggers have a .02 mm taper and are designed with a flat tip for vertical condensation of gutta percha. The colored plastic handle of the finger pluggers identifies the ISO size and may be sterilized up to 390° F.



Stainless Steel - 6 per pack

Standardized Instrument Size	21 mm REF No.	25 mm REF No.
15	012-23010	012-23001
20	012-23011	012-23002
25	012-23012	012-23003
30	012-23013	012-23004
35	012-23014	012-23005
40	012-23015	012-23006
15-40*	012-23016	012-23007

* Assorted pack

Endodontic Spreaders - Single End

Endodontic Spreaders are specifically designed for lateral condensation of gutta percha and other obturation materials. Endodontic spreaders are available in stainless steel and nickel titanium.

Description	Tactile Tone™	Round	Octagonal
25S	-	-	017-24442
D-11	UED11	017-24440	-
D-11T	UED11T	017-24441	-
GP-2	UEGP2	-	-
GP-3	UEGP3	-	-
GP-3 NiTi	UEGP3N	-	-
ISO 25	UE25	-	-
ISO 25 NiTi	UE25NT	-	-
ISO 30	UE30	-	-
ISO 30 NiTI	UE30NT	-	-
ISO 35	UE35	-	-
ISO 40	UE40	-	-
ISO 40 NiTi	UE40NT	-	-
ISO 45	UE45	-	-
ISO 50	UE50	-	-
ISO 50 NiTi	UE50NT	-	-
ISO 55	UE55	-	-
ISO 60	UE60	-	-
ISO 60 NiTi	UE60NT	-	-
KR1*	-	-	017-24445
Ladmore 3 Long Tip	-	-	017-24480
W1S**	-	-	017-24450
W2S**	-	-	017-24451

* Designed by Drs. Kenneth Knopf and Paul A. Rosenberg
** Designed by Dr. Warren Wakai



UED11 **017-24440** **017-24445**

Gutta Percha Heater Pluggers/Spreaders

REF	Instrument No.	Heater-Plugger		Heater-Spreaders	
		D (1 mm)	D (16 mm)	D (5 mm)	D (16 mm)
017-24600	5	0.55	0.85	0.50	0.75
017-24601	7	0.70	1.00	0.50	0.75
017-24602	9	1.00	1.30	0.63	0.75
017-24603	11	1.20	1.50	0.63	0.75



017-24600

017-24601

017-24603

Finger Spreaders

Stainless steel finger spreaders are specially designed for lateral condensation of gutta percha and other obturation materials.



6 per pack

Standardized Instrument Size	21 mm REF No.	25 mm REF No.
XF	012-23160	012-23170
FF	012-23161	012-23171
MF	012-23162	012-23172
F	012-23163	012-23173
FM	012-23164	012-23174
MF	012-23165	012-23175
XF-M	012-23166	012-23176

Onyx-Flex™ - Nickel Titanium Finger Spreaders

Onyx-Flex™ nickel titanium finger spreaders are specially designed of nickel titanium to provide clinicians with flexibility and strength during lateral condensation of gutta percha and other obturation materials.



6 per pack

Standardized Instrument Size	25 mm REF No.
XF	012-14900
FF	012-14901
MF	012-14902
FF	012-14903
FM	012-14904
MF	012-14905
XF-M	012-14906

P.J. Luks Finger Spreaders

These stainless steel Finger Spreaders are specially designed for lateral condensation of gutta percha and other obturation materials.



Standardized Instrument Size	21 mm REF No.	25 mm REF No.
1	012-23033	012-23040
2	012-23034	012-23041
3	012-23035	012-23042
4	012-23036	012-23043
5	012-23037	012-23044
6	012-23038	012-23045
Assorted	012-23039	012-23046

Endodontic Forceps

REF	Description	Type	Length
6-338	WILLIAMS Splinter Forceps	straight	5-1/2″ (14 cm)
6-340	WILLIAMS Splinter Forceps	45° angle	5-1/2″ (14 cm)
6-342	WILLIAMS Splinter Forceps	right angle	4-3/4″ (12.1 cm)
6-350	PEET Splinter Forceps	double curve	4-3/4″ (12.1 cm)
7-20	HALSTED Mosquito Forceps	jaws angled 45° on flat, extra delicate	4-1/2″ (11.4 cm)
66-660	Silver Point Holding Forceps	grooved jaws, right angle	-



6-338



6-340 6-342



6-350



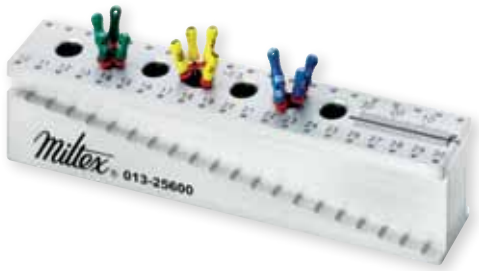
7-20



66-660

Endo Block

The Endo Block is designed to accurately set stops for all endodontic files. The block is made from anodized aluminum and is autoclavable by any method. The 42 gauges allow precise placement of stops from 10 mm to 30 mm in .5 mm increments and can also be used to size gutta percha and paper points. The seven storage areas are ideal for storing files, gutta percha and paper points, while the endo ruler allows accurate out-of-tooth file measurements.



Part Number	Description
013-25600	Endo block, aluminum

Endo-Top II

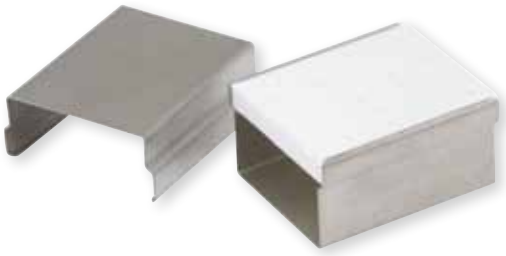
Endo-Top II holds up to 36 finger instruments. It can be used in an upright position or placed on its side. The Endo Top II is the perfect holder for narrow sterilizers.



Part Number	Description
017-48609	15 Hole
017-48634	36 Hole

Endo-Top III

Similar to the Endo-Top III, but larger for increased capacity (48 holes). Great for Rotary Instrument setups.



Part Number	Description
017-48628	48 hole

Gutta Box/Pulpa Box

Color coded aluminum organizer ideal for case-by-case set up.
Sterilizable by dry heat or by autoclave.



Gutta Box for Gutta Percha and Paper Points		Pulpa Box File Holder	
Part Number	**Description**	**Part Number**	**Description**
017-48640	Silver	017-48650	Silver
017-48641	Blue	017-48651	Blue
017-48642	Red	017-48652	Red

Mini Endo

Anodized aluminum endo box holds up to 60 endodontic finger instruments.
Color coded plastic cups hold absorbent points and gutta percha.



Part Number	Description
	13 x 5 x 4 cm
017-48600	Silver
017-48601	Blue
017-48602	Red

Endo Micro Pulpa

Small aluminum box holds up to 30 endodontic instruments.



Part Number	Description
	5 x 4 x 5 cm
017-48655	Endo Micro Pulpa - Silver
017-48656	Endo Micro Pulpa - Blue
017-48657	Endo Micro Pulpa - Red

Endodontic Mini-Stand

- Designed by Dr. Thomas P. Mullaney
- All aluminum
- Holds up to 27 finger instruments
- 8 slots for absorbent points
- Handy millimeter ruler on lid
- 3.25" x 1.25" x 2.25"



Part Number	Description
017-47150	Endodontic Mini-Stand

U-46 Finger Instrument Stand

- Millimeter Ruler
- All aluminum
- Holds up to 12 finger instruments
- 2.06" x 1" x 1.81"



Part Number	Description
017-47160	U-46 Finger Instrument Stands

University of Michigan Root Canal Cabinets

- All aluminum
- Style B U-97: 7 compartments - 3.5" x 1.25" x .5"
- Style C U-98: 13 compartments - 6.75" x 2.75" x .5"



Part Number	Description
017-47270	U of M Root Canal Cabinet - Style B
017-47275	U of M Root Canal Cabinet - Style C

U-63 Box for Absorbent Points

- Designed by Dr. Daniel Goodman
- All aluminum
- 3.5" x 3.5" x .5"
- May be used for silver points, gutta percha points, burs, etc.



Part Number	Description
017-47450	U-63 Box

U-62 Root Canal Instrument Organizer

- All aluminum
- Provides instant access to the correct-size endodontic instrument
- 36 compartments for storing packages of endodontic instruments
- Holds up to 432 packages
- An excellent inventory control aid
- 15.625" x 9.3125" x 2"



Part Number	Description
017-47510	U-62 Root Canal Organizer

Work-Utility Box

- Designed by Dr. Stanley Andrews
- Stainless steel
- Small and large sizes
- Watertight for use with germicide
- Small: 4" x 2" x 1.25"
- Large: 5.75" x 2.75" x 1.5"



Part Number	Description
017-4750	Work-Utility Box - Small
017-4751	Replacement Sponge
017-47575	Work-Utility Box - Large
017-47576	Replacement Sponge
U76L	Large
U76S	Small

U-68 Storage Box with 5 Compartments

- All aluminum
- 3.5" x 1.875" x .5"



Part Number	Description
017-47650	U-68 Storage Box

Scratch Brushes

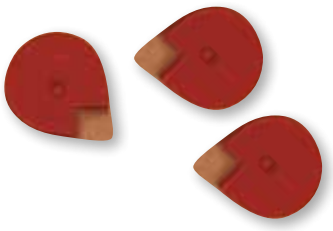
- 2.875" long.
- Fine steel wire bound in plastic handle
- For cleaning endodontic instruments and burs
- May be trimmed when worn by prolonged use



Part Number	Description
017-23400	Scratch Brushes

Silicone Locator Stops

- Aids in establishing the canal depth and the working measurement of each file
- Sterilizable at temperatures up to 450 degrees Fahrenheit
- Clearly-defined shape permits alignment of stop with curve in instruments when instrumenting curved canals
- Easily slides on instruments
- Box of 100



Part Number	Description
017-25504	Red
017-25505	Gray

Endo Blocks

- Plastic Endo Blocks are designed to simulate a root canal
- They are ideal for product demonstrations and for practice with different files
- Box of 5



017-37101	Straight Endo Blocks
017-37100	Curved Endo Blocks

Finger & Thumb Rulers



	Finger Ruler	Thumb Ruler
Left	013-25711	013-25713
Right	013-25710	013-25712

MILTEX® EAR INSTRUMENTS

Specialty Scissors.....320

Alligator Ear Forceps 321

Ear Forceps.....322-323

Ear Loops & Curettes.....324-325

Picks, Knives, Chisels 326-327

Dressing & Tissue Forceps 328



Specialty Scissors

REF	Description	Type	Length
1700	Heavy Utility Scissors	straight, sharp/blunt	6-1/2″ (16.5 cm)
1702	Heavy Utility Scissors	straight, blunt/blunt	6-1/2″ (16.5 cm)
1704	Heavy Utility Scissors	curved, sharp/blunt	6-1/2″ (16.5 cm)
1706	Heavy Utility Scissors	curved, blunt/blunt	6-1/2″ (16.5 cm)



1700



1702



1704

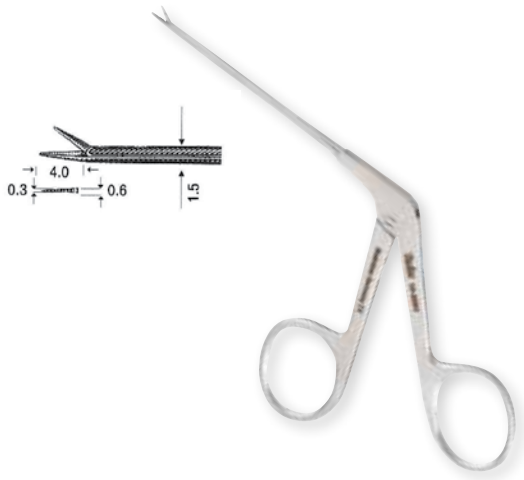


1706

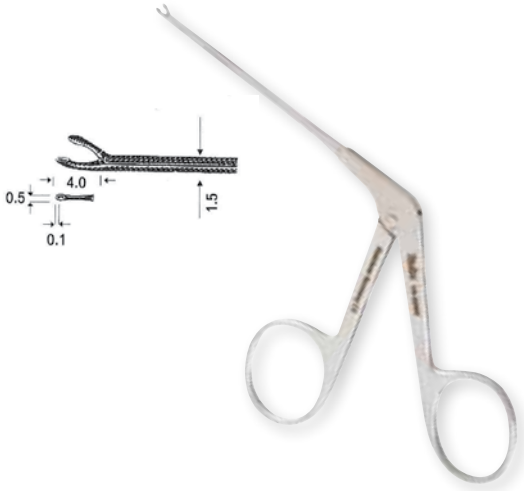
Microsurgery Alligator Ear Forceps and Scissors

Micro Alligator Ear Forceps are excellent for foreign body removal and ideal for precision grasping and extraction. Serrated and oval cup jaw patterns are available in sizes 0.5 mm to 0.8 mm wide in your choice of stainless or ebony finish. (see 19-2150-B)

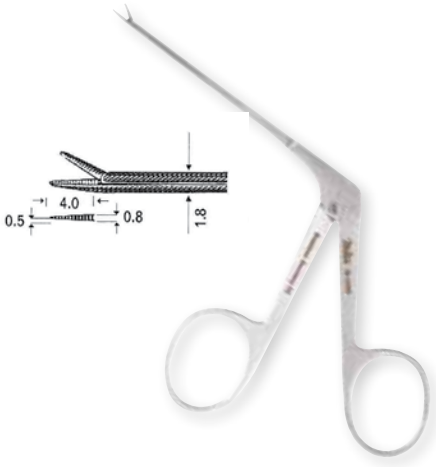
REF	Description	Type	Shaft Length
19-2081	Micro Alligator Ear Forceps	serrated jaws, 0.6 mm wide	3 1/4" (8.3 cm)
19-2081-B	Micro Alligator Ear Forceps	serrated jaws, 0.6 mm wide, ebony finish	3 1/4" (8.3 cm)
19-2090	Micro Alligator Ear Forceps	oval cup jaws, 0.5 mm wide	3 1/4" (8.3 cm)
19-2090-B	Micro Alligator Ear Forceps	oval cup jaws, 0.5 mm wide, ebony finish	3 1/4" (8.3 cm)
19-2100	Micro Alligator Ear Forceps	serrated jaws, 0.8 mm wide	3 1/4" (8.3 cm)
19-2100-B	Micro Alligator Ear Forceps	serrated jaws, 0.8 mm wide, ebony finish	3 1/4" (8.3 cm)
19-2138	HOUSE Micro Strut Forceps	smooth jaws, 0.8 mm wide	2-3/4" (7.0 cm)
19-2110	Micro Alligator Ear Forceps	oval cup jaws, 0.8 mm wide	3 1/4" (8.3 cm)
19-2110-B	Micro Alligator Ear Forceps	oval cup jaws, 0.8 mm wide, ebony finish	3 1/4" (8.3 cm)
19-2150-B	BELLUCCI Micro Ear Scissors	4 mm blades, ebony finish	2-3/4" (7.0 cm)



19-2081
19-2081-B



19-2090
19-2090-B



19-2100
19-2100-B
19-2138



19-2110
19-2110-B



19-2150-B

Ear Forceps

REF	Description	Type	Length
19-404	NOYES Alligator Forceps	spring handle	4" (10.2 cm)
19-434	HARTMAN-NOYES Alligator Ear Forceps	serrated jaws	3-1/4" (8.3 cm) shaft
19-437	WEINGARTNER Alligator Ear Forceps	concave, serrated jaws	3" (7.6 cm) shaft
19-438	STRUEMPEL Alligator Ear Forceps	fenestrated, oval spoon jaws	3" (7.6 cm) shaft
19-439	Duckbill Ear Alligator Forceps	very flat, serrated jaws, rounded tip	3" (7.6 cm) shaft
19-442	HOFFMAN Alligator Ear Forceps	through cutting round jaws	3" (7.6 cm) shaft

*tips enlarged to show detail



19-434



19-437



19-438



19-439



19-442

Ear Forceps & Scissors

REF	Description	Type	Shaft Length
19-415	HOUSE Miniature Forceps	finely serrated jaws 4 mm, extra delicate	2-7/8" (7.3 cm)
19-416	GREVEN Ear Forceps	5 mm jaws with 2.5 mm tips serrated and touching	2-7/8" (7.3 cm)
19-417	MILTEX Ear Forceps	0.9 mm x 2 mm cups, extra fine	2-27/32" (7.2 cm)
19-418	MILTEX Ear Forceps	0.75 mm cups	2-51/64" (7.1 cm)
19-420	HOUSE Miniature Ear Forceps	0.6 mm x 1 mm cups, straight	2-7/8" (7.3 cm)
19-421	HOUSE Miniature Ear Forceps	0.6 mm x 1 mm cups, angled left 15 degrees	2-27/32" (7.2 cm)
19-422	HOUSE Miniature Ear Forceps	0.6 mm x 1 mm cups, angled right 15 degrees	2-27/32" (7.2 cm)
19-480	MCGEE Crimper/Wire Closure Forceps	short 3 mm jaws angled slightly downward	2-27/32" (7.2 cm)
19-481	HOUSE-DIETERS Malleus Nipper	2 mm jaws	2-61/64" (7.5 cm)
19-2114	HOUSE Alligator and Crimper Forceps	very flat 8 mm serrated tapered jaws, dull point	2-7/8" (7.3 cm)
19-2115	BELLUCCI Ear Forceps	serrated jaws 8 mm	2-61/64" (7.5 cm)
19-2116	GOODHILL Ear Forceps	serrated jaws 5 mm	3" (7.6 cm)
19-2117	HOUSE Forceps	serrated jaws 6 mm, side opening to right	2-7/8" (7.3 cm)
19-2118	HOUSE Oval Cup Forceps	0.9 mm cups, angled right 15 degrees	2-51/64" (7.1 cm)
19-2119	HOUSE Oval Cup Forceps	0.9 mm cups, angled left 15 degrees	2-51/64" (7.1 cm)
19-2155	BELLUCCI Scissors	7 mm blades, curved left	2-61/64" (7.5 cm)
19-2156	BELLUCCI Scissors	7 mm blades, curved right	2-61/64" (7.5 cm)
19-2157	HOUSE-BELLUCCI Alligator Scissors	5 mm blades, straight	2-29/32" (7.4 cm)
19-2158	HOUSE-BELLUCCI Alligator Scissors	5 mm blades, curved left	2-29/32" (7.4 cm)
19-2159	HOUSE-BELLUCCI Alligator Scissors	5 mm blades, curved right	2-29/32" (7.4 cm)
19-2160	BELLUCCI Scissors	7 mm blades, straight	3-1/32" (7.7 cm)



19-415

19-415

19-416



19-417



19-418



19-420



19-421



19-422



19-480



19-481



19-2114



19-2155



19-2115



19-2156



19-2116



19-2157



19-2117



19-2158



19-2118



19-2159



19-2119



19-2160

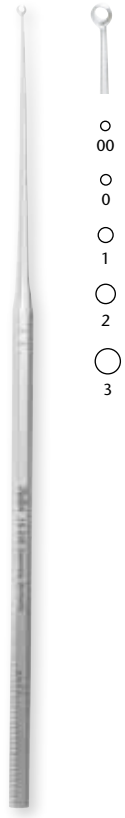
Ear Loops & Curettes

REF	Description	Type	Length
19-314	BILLEAU Flexible Ear Loop	small size no. 1	6-1/2" (16.5 cm)
19-316	BILLEAU Flexible Ear Loop	medium size no. 2	6-1/2" (16.5 cm)
19-318	BILLEAU Flexible Ear Loop	large size no. 3	6-1/2" (16.5 cm)
19-260	BUCK Ear Curette	straight, sharp, size 00	6-1/2" (16.5 cm)
19-262	BUCK Ear Curette	straight, sharp, size 0	6-1/2" (16.5 cm)
19-264	BUCK Ear Curette	straight, sharp, size 1	6-1/2" (16.5 cm)
19-266	BUCK Ear Curette	straight, sharp, size 2	6-1/2" (16.5 cm)
19-268	BUCK Ear Curette	straight, sharp, size 3	6-1/2" (16.5 cm)
19-270	BUCK Ear Curette	angled, sharp, size 00	6-1/2" (16.5 cm)
19-272	BUCK Ear Curette	angled, sharp, size 0	6-1/2" (16.5 cm)
19-274	BUCK Ear Curette	angled, sharp, size 1	6-1/2" (16.5 cm)
19-276	BUCK Ear Curette	angled, sharp, size 2	6-1/2" (16.5 cm)
19-278	BUCK Ear Curette	angled, sharp, size 3	6-1/2" (16.5 cm)
19-280	BUCK Ear Curette	straight, blunt, size 00	6-1/2" (16.5 cm)
19-282	BUCK Ear Curette	straight, blunt, size 0	6-1/2" (16.5 cm)
19-284	BUCK Ear Curette	straight, blunt, size 1	6-1/2" (16.5 cm)
19-286	BUCK Ear Curette	straight, blunt, size 2	6-1/2" (16.5 cm)
19-288	BUCK Ear Curette	straight, blunt, size 3	6-1/2" (16.5 cm)
19-290	BUCK Ear Curette	angled, blunt, size 00	6-1/2" (16.5 cm)
19-292	BUCK Ear Curette	angled, blunt, size 0	6-1/2" (16.5 cm)
19-294	BUCK Ear Curette	angled, blunt, size 1	6-1/2" (16.5 cm)
19-296	BUCK Ear Curette	angled, blunt, size 2	6-1/2" (16.5 cm)
19-298	BUCK Ear Curette	angled, blunt, size 3	6-1/2" (16.5 cm)
19-320	MILTEX Disposable Ear Curette	ring tip, quantity 50/box	-
19-321	MILTEX Disposable Ear Curette	loop tip, quantity 50/box	-
19-322	MILTEX Disposable Ear Curette	small spoon tip, quantity 50/box	-
19-323	MILTEX Disposable Ear Curette	large spoon tip, quantity 50/box	-

*tip images enlarged to show detail



19-314 to 19-318



19-260 to 19-298



19-320



19-321



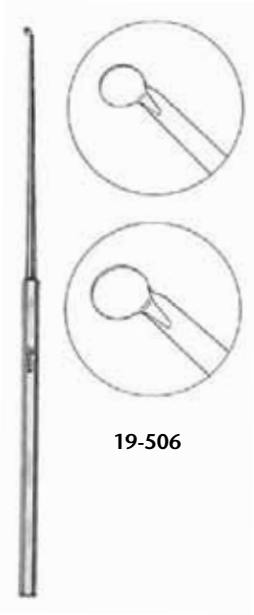
19-322



19-323

Ear Curettes

REF	Description	Type	Length
19-505	ROSEN Knife Curette	small 2 mm diameter blade, angled up 45 degrees, octagonal handle	6-39/64" (16.8 cm)
19-506	ROSEN Knife Curette	large 2.5 mm diameter blade, angled up 45 degrees, octagonal handle	6-39/64" (16.8 cm)
19-2504	HOUSE-Sheehy Knife Curette	2 mm diameter semi-sharp blade, malleable shaft, octagonal handle, referred to as "small weapon"	6-39/64" (16.8 cm)
19-2528	HOUSE Curette	light angle, 2 mm and 2.5 mm oval cup, double-ended, flat handle	7" (17.8 cm)
19-2529	HOUSE Curette	strong angle, 2.25 mm x 3 mm and 2 mm x 2.5 mm cups, double-ended, flat handle	7" (17.8 cm)
19-2530	HOUSE Stapes Curette	strong angle, 2.25 mm x 3 mm and 2 mm x 2.5 mm cups, double-ended, flat handle	6" (15.2 cm)

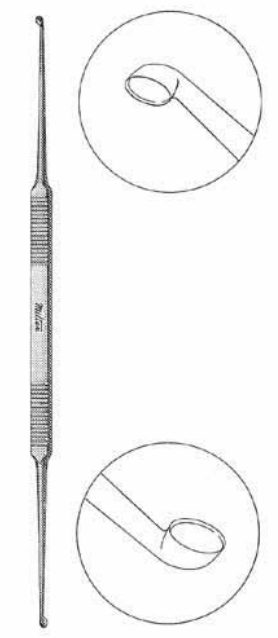


19-506

19-505



19-2504



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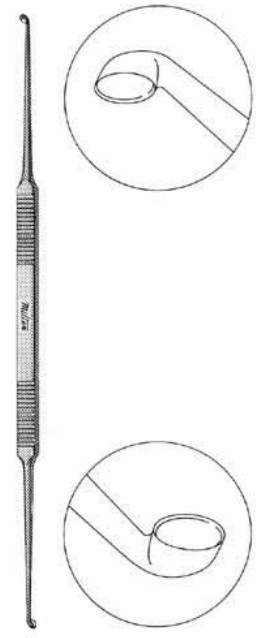

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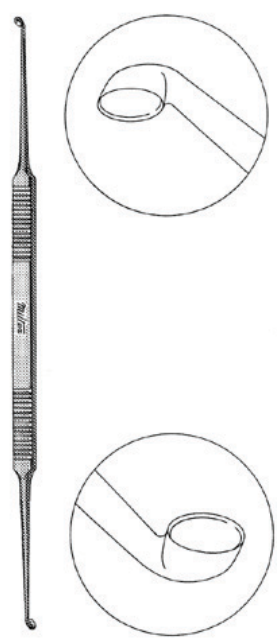


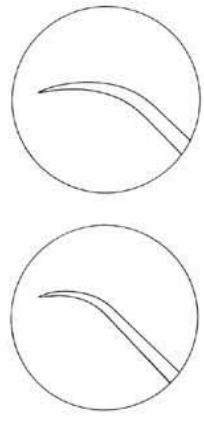
19-2530

Picks

REF	Description	Type	Length
19-211	ROSEN Pick	curved 3 mm from tip	6-1/8" (15.6 cm)
19-212	ROSEN Pick	curved 1.5 mm from tip	6-1/8" (15.6 cm)
19-2505	HOUSE Strut Caliper	5 mm mark from tip, malleable shaft, octagonal handle	6-39/64" (16.8 cm)
19-2510	HOUSE Barbara Pick	straight point, malleable shaft, octagonal handle	6-1/4" (15.9 cm)
19-2511	HOUSE Obtuse Pick	0.25 mm long point angled 30°, malleable shaft, octagonal handle	6-19/64" (16 cm)
19-2512	HOUSE Oval Window Pick	0.33 mm long point angled 30°, malleable shaft, octagonal handle	6-39/64" (16.8 cm)
19-2513	HOUSE Oval Window Pick	0.66 mm long point angled 30°, malleable shaft, octagonal handle	6-39/64" (16.8 cm)
19-2514	HOUSE Oval Window Pick	0.33 mm long point angled 90°, malleable fine shaft, octagonal handle	6-39/64" (16.8 cm)
19-2515	HOUSE Strut Pick	0.5 mm long point angled 90°, malleable medium shaft, octagonal handle	6-39/64" (16.8 cm)
19-2516	HOUSE Oval Window Pick	0.33 mm long point angled 90°, malleable medium shaft, octagonal handle	6-39/64" (16.8 cm)
19-2517	HOUSE Strut Pick	0.66 mm long point angled 90°, medium shaft, octagonal handle	6-39/64" (16.8 cm)



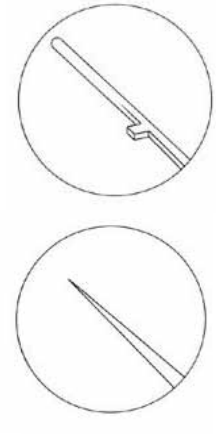
19-211



19-212



19-2505



19-2510



19-2511



19-2512



19-2513



19-2514



19-2515



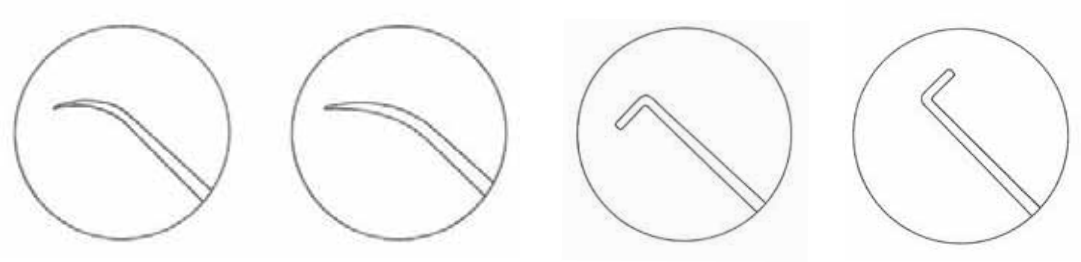
19-2516



19-2517

Needles and Hooks

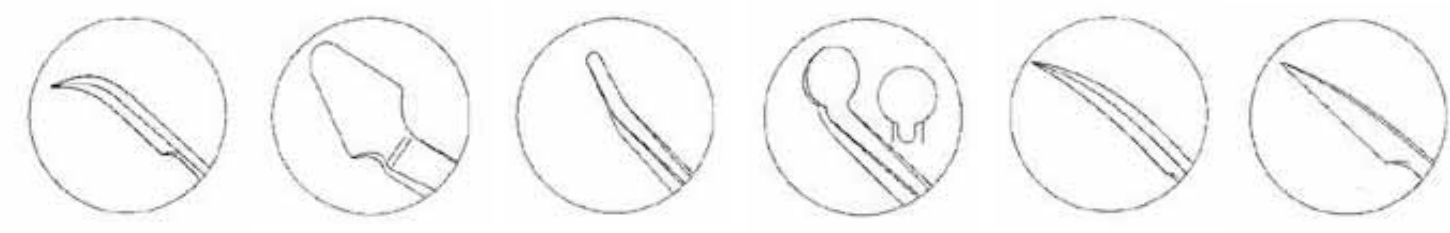
REF	Description	Type	Length
19-2500	HOUSE Needle	curved tip, semi-sharp point, malleable shaft, octagonal handle	6-39/64" (16.8 cm)
19-2501	HOUSE Needle	ROSEN type curved and slightly dulled tip, malleable shaft, octagonal handle	6-39/64" (16.8 cm)
19-2502	HOUSE Hook	1 mm long tip, angled left 90°, malleable shaft angled 8°, octagonal handle	6-1/8" (15.6 cm)
19-2503	HOUSE Hook	1 mm long tip, angled right 90°, malleable shaft angled 8°, octagonal handle	6-1/8" (15.6 cm)



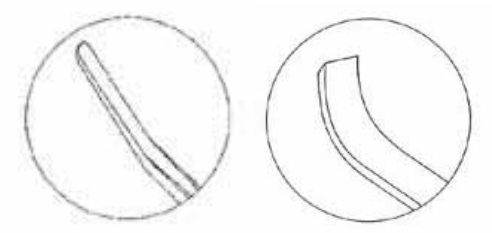
19-2500 19-2501 19-2502 19-2503

Knives, Elevators and Chisels

REF	Description	Type	Length
19-2522	HOUSE Tympanoplasty Knife	7 mm curved blade, octagonal handle	6-39/64" (16.8 cm)
19-2523	HOUSE Lancet Knife	2 mm x 3 mm tapered tip angled 45°, octagonal handle, referred to as "Number Two Knife"	6-39/64" (16.8 cm)
19-2524	HOUSE Incudostapedial Joint Knife	0.5 mm wide x 1.5 mm long, blade angled 20°, octagonal handle	6-39/64" (16.8 cm)
19-2525	HOUSE Incudostapedial Joint Knife	0.75 mm diameter blade angled 60°, octagonal handle	6-39/64" (16.8 cm)
19-2526	HOUSE Sickle Knife	0.75 mm curved blade, octagonal handle, referred to as "Number One Knife"	6" (15.2 cm)
19-2527	HOUSE Myringotomy Knife	3.5 mm blade, octagonal handle	6" (15.2 cm)
19-2518	HOUSE Elevator	1 mm wide x 12 mm long tip angled 15°, octagonal handle, referred to as "The Gimmick"	6-39/64" (16.8 cm)
19-2520	HOUSE Elevator & Chisel	1 mm wide curved scraping tip, 88 mm working length, flat bayonet handle	6-11/16" (17 cm)



19-2522 19-2523 19-2524 19-2525 19-2526 19-2527



19-2518 19-2520

Forceps

REF	Description	Type	Length
6-197	GRUENWALD (JANSEN) Bayonet Dressing Forceps	serrated	6-1/2″ (16.5 cm)
6-198	ADSON Bayonet Dressing Forceps	serrated	8-1/4″ (21 cm)
19-350	WILDE Ear Forceps	angular with serrated tips	5″ (12.7 cm)
19-356	WILDE Ear Forceps	cross-action, angular with serrated tips	4-3/4″ (12.1 cm)
19-360	BLAKE Ear Forceps	very delicate, angular with serrated tips	4-1/8″ (10.5 cm)
19-370	LUCAE Ear Forceps	bayonet shape, serrated tips	5-1/2″ (14 cm)
19-371	JANSEN Ear Forceps	bayonet shape, very delicate with 2 mm wide serrated tips	6-1/4″ (15.9 cm)



6-197 **6-198** **19-350** **19-356** **19-360** **19-370** **19-371**

MILTEX® ELECTROSURGERY INSTRUMENTS

Schroeder-Braun Tenaculum Forceps 330

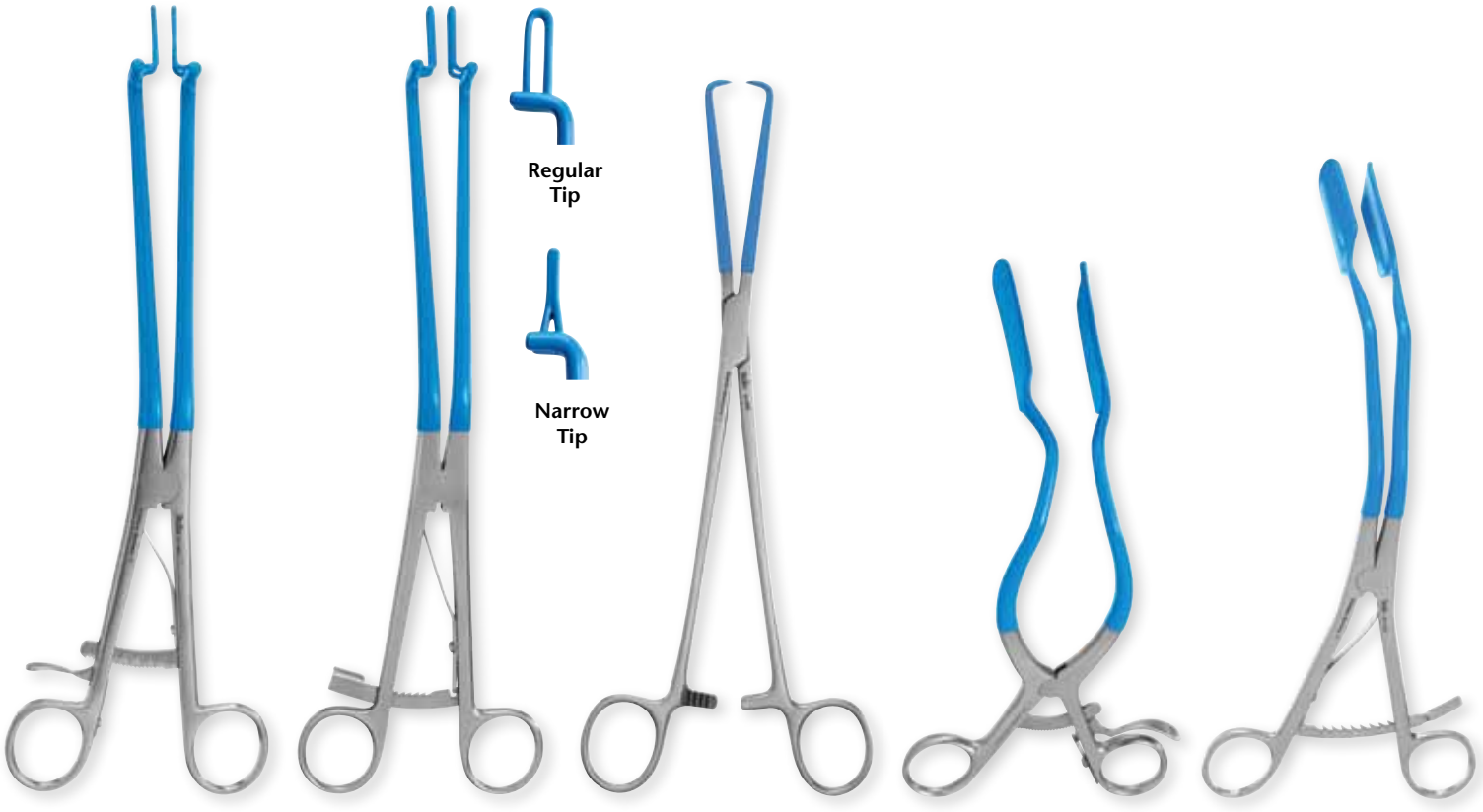
Dressing and Tissue Forceps 331

Sterile Disposable Electrodes.....332



Electrosurgical Instruments

REF	Description	Type	Length
31-1351	MILTEX-KOGAN	narrow tip (3.2 mm x 25 mm) grip-lock ratchet and gauge	10-3/4″ (27.3 cm)
31-1352	MILTEX-KOGAN	regular tip (7.2 mm x 25 mm) grip-lock ratchet and gauge	10-3/4″ (27.3 cm)
31-1353	KOGAN	narrow tip (3.2 mm x 25 mm)	10-3/4″ (27.3 cm)
31-1354	KOGAN	regular tip (7.2 mm x 25 mm)	10-3/4″ (27.3 cm)
31-965	SCHROEDER-BRAUN Tenaculum Forceps	straight, coated tips	9-3/4″ (24.8 cm)
31-70	Redundant Wall Retractor	medium 22 mm x 57 mm blade	7-3/4″ (19.5 cm)
31-71	Redundant Wall Retractor	large 22 mm x 75 mm blade	7-3/4″ (19.5 cm
31-1355	Lateral Retractor	extra long thumb ratchet, 22 mm x 57 mm blade	8-1/4″ (21cm)



31-1351
31-1352

31-1353
31-1354

31-965

31-70
31-71

31-1355

Dressing & Tissue Forceps

Tissue forceps have 1 x 2 teeth to grasp and hold tissue for removal and are available with or without coated tips.

REF	Description	Type	Length
31-14	Dressing Forceps	serrated with coated tips	8″ (20.3 cm)
31-16	Dressing Forceps	serrated with coated tips	10″ (25.4 cm)
31-48	Tissue Forceps	1x2 teeth with exposed tips	8″ (20.3 cm)
31-49	Tissue Forceps	1x2 teeth with coated tips	8″ (20.3 cm)
31-50	Tissue Forceps	1x2 teeth with exposed tips	10″ (25.4 cm)
31-51	Tissue Forceps	1x2 teeth with coated tips	10″ (25.4 cm)





31-14
31-16



31-48
31-50

Iris Hook & EMMETT Tenaculum Hooks

The Iris Hook is used for holding tissue during excision. It is smaller than the Emmett Hook and is slightly angled.

The Emmett Tenaculum Hook has a sharp point for use during excision and is available in 4 different styles. All tips are exposed for better tissue grasping.

REF	Description	Type	Length
31-949	Iris Hook	small, delicate 4 mm hook, with exposed tip	10″ (25.4 cm)
31-951	EMMETT Tenaculum Hook	Style 1, half curved, small	9″ (22.9 cm)
31-952	EMMETT Tenaculum Hook	Style 2, acute angle	9″ (22.9 cm)
31-953	EMMETT Tenaculum Hook	Style 3, right angle	9″ (22.9 cm)
31-954	EMMETT Tenaculum Hook	Style 4, half-curved, large	9″ (22.9 cm)



31-949



31-951 to 31-954



Style 1 31-951 **Style 2 31-952** **Style 3 31-953** **Style 4 31-954**

Sterile Disposable Electrodes

- Loop and Square working ends are manufactured with Tungsten Wire to maintain shape throughout procedure
- Sterile 5-year shelf life
- 5.1" (13 cm) shaft
- 3/32" (2.4 mm) stainless steel connector shaft fits most standard electrosurgical pencils and generators
- Each electrode is sterilized & individually packaged
- Disposable, single-use, Boxes of 5

REF	Description	Size
31-5000	Ball	(3 mm diameter)
31-5002	Ball	(5 mm diameter)
31-5022	Square	(10 mm width x 8 mm depth)
31-5054	Loop	(10 mm width x 8 mm depth)
31-5056	Loop	(10 mm width x 10 mm depth)
31-5070	Loop	(15 mm width x 5 mm depth)
31-5072	Loop	(15 mm width x 8 mm depth)
31-5074	Loop	(15 mm width x 10 mm depth)
31-5090	Loop	(20 mm width x 8 mm depth)
31-5092	Loop	(20 mm width x 10 mm depth)
31-5094	Loop	(20 mm width x 12 mm depth)
31-5096	Loop	(20 mm width x 15 mm depth)
31-5098	Loop	(20 mm width x 20 mm depth)



31-5000



31-5002



31-5022



31-5054



31-5056



31-5070



31-5072



31-5074



31-5090



31-5092



31-5094



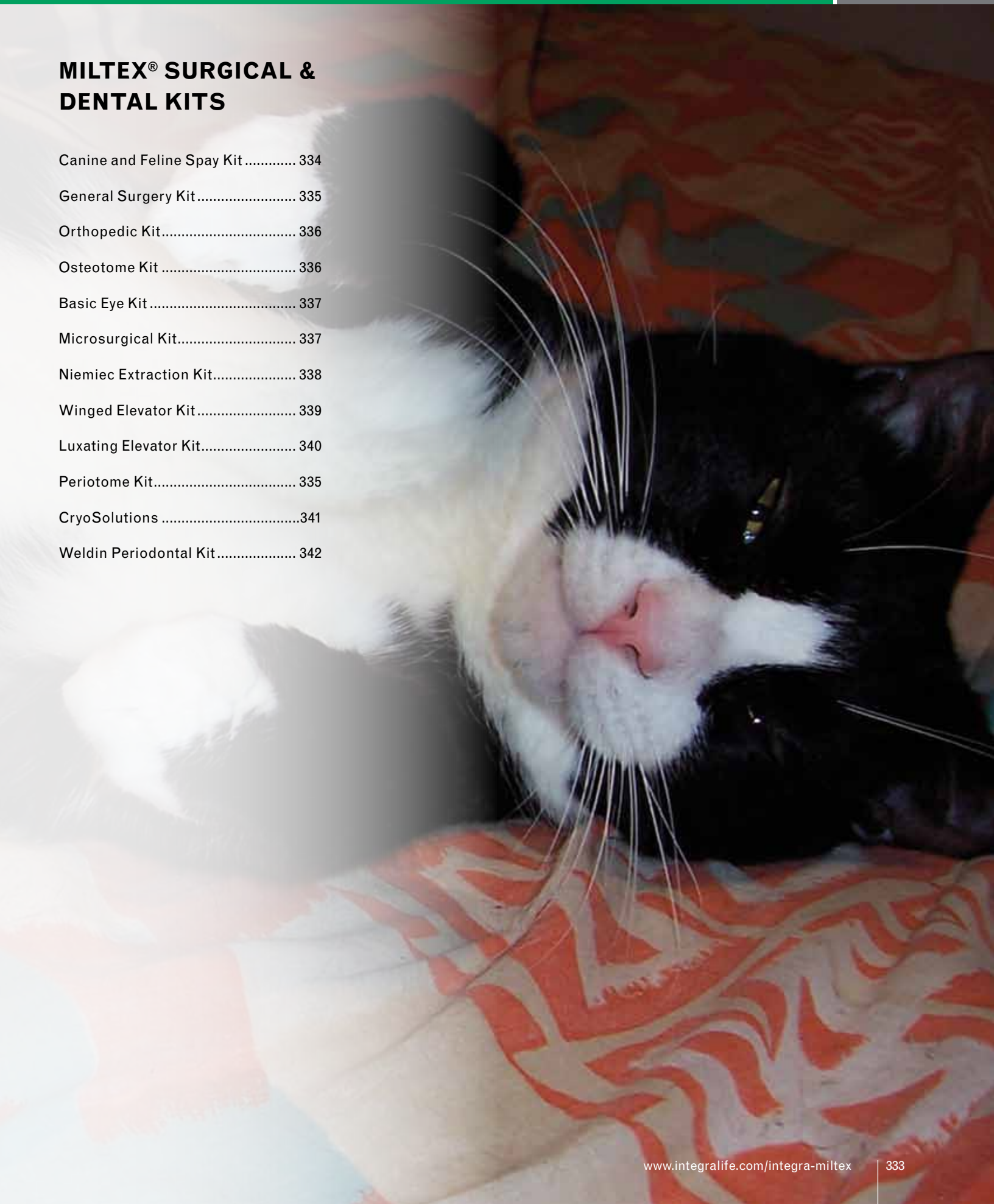
31-5096



31-5098

MILTEX® SURGICAL & DENTAL KITS

Canine and Feline Spay Kit 334
General Surgery Kit 335
Orthopedic Kit 336
Osteotome Kit 336
Basic Eye Kit 337
Microsurgical Kit 337
Niemiec Extraction Kit 338
Winged Elevator Kit 339
Luxating Elevator Kit 340
Periotome Kit 335
CryoSolutions 341
Weldin Periodontal Kit 342



Canine & Feline Spay Kit



6810
6820

CANINE REF# 6810 FELINE REF# 6820

Set includes:

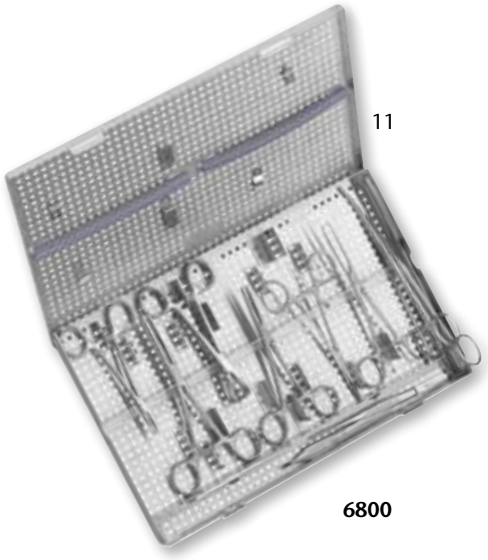
Qty.	REF	Description	Length	
1	4-7	#3 Scalpel Handle	-	(1)
1	5-124	MAYO Scissors	6-3/4" (17.1 cm) straight	(2)
1	6008	SNOOK Ovariectomy Hook	-	(3)
2	7-38	KELLY Hemostat	5-1/2" (14 cm) curved	(4)
1	5-182	METZENBAUM Scissors	7" (17.8 cm) curved	(5)
1	6-44	Tissue Forceps	5-1/2" (14 cm) 1x2 teeth	(6)
1	16-6	ALLIS Tissue Forceps	6" (15.2 cm) 4x5 teeth	(7)
4	7-504	BACKHAUS Towel Clamps	3-1/2" (8.9 cm)	(8)
1	6-124	BROWN-ADSON Forceps	4-3/4" (12.1 cm) 7x7 teeth	(9)
1	8-16TC or 8-15TC	OLSEN-HEGAR Needle Holder OLSEN-HEGAR Needle Holder	6-1/2" (16.5 cm) (canine) 5-1/2" (14 cm) (feline)	(10)
2	7-4	HALSTED Mosquito Forceps	5" (12.7 cm) curved	(11)
2	7-172	ROCHESTER-CARMALT Forceps	6-1/4" (15.9 cm) curved	(12)
1	3-6815	Storage Cassette	15" x 8-1/4" x 1-1/4"	(13)





Canine Spay Kit pictured

General Surgery Kit



6800

REF# 6800 General Surgery Kit Includes

Qty.	REF	Description	Length	
1	5-124	MAYO Scissors	6-3/4″ (17.1 cm) straight	(1)
1	4-7	#3 Scalpel Handle	-	(2)
1	6008	SNOOK Ovariectomy Hook	-	(3)
3	7-4	HALSTED Mosquito Forceps	5″ (12.7 cm) curved	(4)
2	7-36	KELLY Forceps	5-1/2″ (14 cm) straight	(5)
1	5-182	METZENBAUM Scissors	7″ (17.8 cm) curved	(6)
1	6-124	BROWN-ADSON Forceps	4-3/4″ (12.1 cm) 7x7 teeth	(7)
4	7-172	ROCHESTER-CARMALT Forceps	6-1/4″ (15.9 cm) curved	(8)
4	7-506	BACKHAUS Towel Clamps	5-1/4″ (13.3 cm)	(9)
1	8-15TC	OLSEN-HEGAR Needle Holder	5-1/2″ (14 cm)	(10)
1	3-6815	Storage Cassette	15″ x 8-1/4″ x 1-1/4″	(11)



Periotome Kit

Periotomes are designed for separating the periodontal ligament fibers from the tooth in preparation for a dental extraction.

Periotomes are available in three double-ended styles: straight blade, hatchet-blade and hoe-blade patterns, giving the user a wide variety of blade options. All instruments feature a lightweight size 6 stainless steel handle.

REF	Description
70-177	Periotome Kit Includes 1 each of:
70-170	Periotome Straight Double Ended
70-171	Periotome Hatchet Double Ended
70-172	Periotome Hoe Double Ended
3-072007	MILTEX Slimline Storage Cassette 7″ L x 2-5/8″ W x 11/16″ H



70-170



70-171

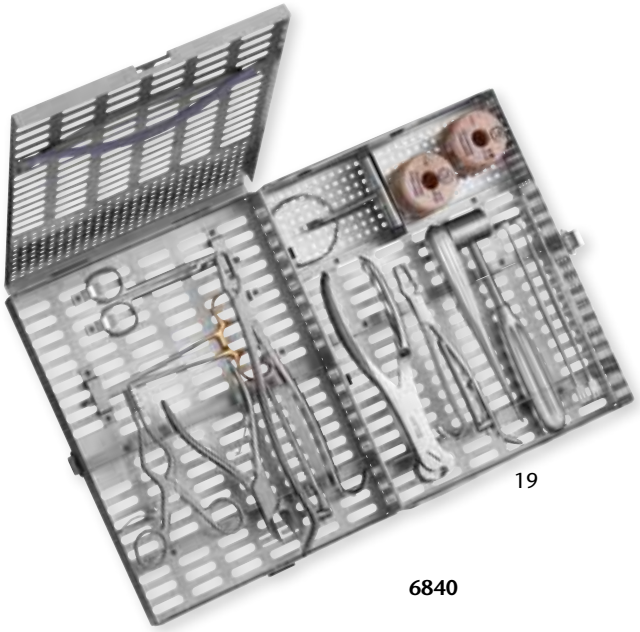


70-172



70-177 Kit

Orthopedic Kit



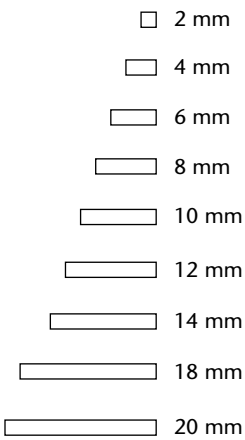
6840

REF# 6840 Orthopedic Kit Includes:

Qty.	REF	Description	
1	9-40-20	Suture Wire, 20 gauge	(1)
1	9-40-30	Suture Wire, 30 gauge	(2)
1	9-124	Wire Cutter	(3)
1	11-74	SENN Retractor, sharp	(4)
1	11-76	SENN Retractor, blunt	(5)
1	11-608	WEITLANER Retractor	(6)
1	18-1968	FREER Elevator	(7)
1	19-708	SPRATT Bone Curette	(8)
1	19-792	LUCAE Mallet	(9)
1	21-369	FOMAN Rasp	(10)
1	22-500TC	Wire Twister	(11)
2	26-120	GIGLI-STRULY Saw Handle	(12)
1	26-130	GIGLI-STRULY Saw	(13)
1	27-4	KERN Bone Holding Forceps, large	(14)
1	27-7	KERN Bone Holding Forceps, small	(15)
1	27-158	Pin Cutter	(16)
1	27-1390	LISTON Bone Cutting Forceps	(17)
1	27-603	Swiss Pattern Osteotomes	(18)
1	3-6845	Storage Cassette, 10-3/4" x 8-1/4" x 2-3/4"	(19)



Osteotome Kit

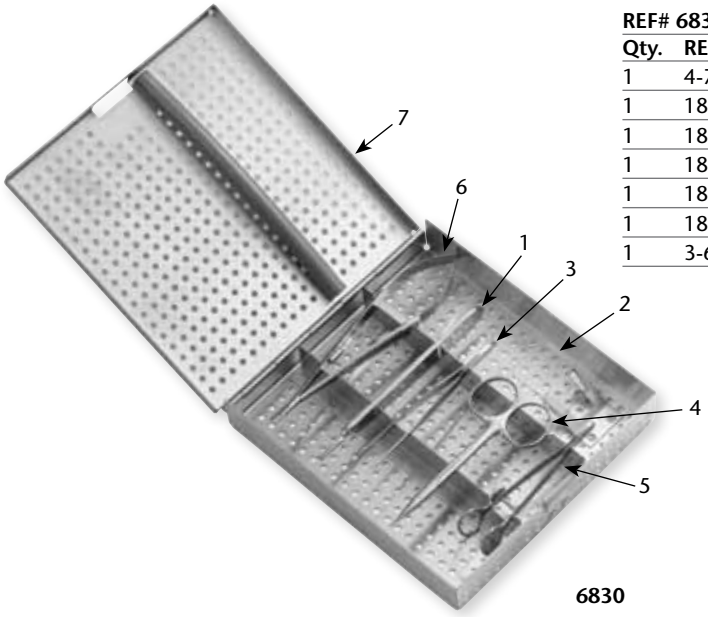




27-610

REF# 27-610	Osteotome Kit includes:
	Set of 9 SWISS Pattern Osteotomes 2 mm to 20 mm complete in customized storage cassette (10-1/2" x 8" x 1/2")

Basic Veterinary Eye Kit



6830

REF# 6830 Basic Veterinary Eye Kit includes:

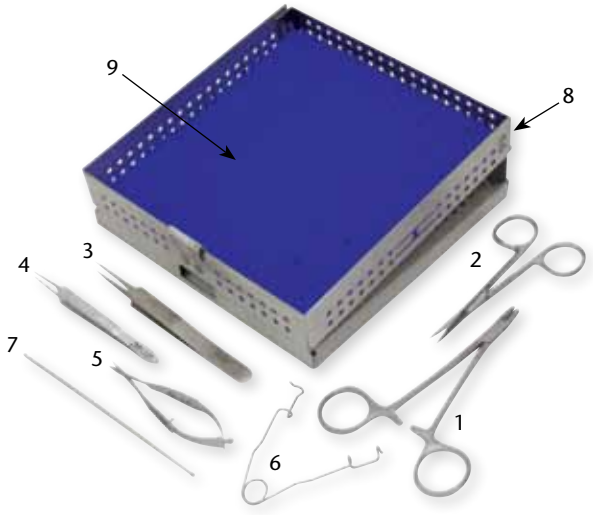
Qty.	REF	Description	Length	
1	4-7	#3 Scalpel Handle	-	(1)
1	18-35	BARRAQUER Wire Eye Speculum	-	(2)
1	18-780	Eye Dressing Forceps	4″ (10.2 cm)	(3)
1	18-1462	STEVENS Tenotomy Scissors	4-1/8″ (10.5 cm) straight	(4)
1	18-1202	DESMARRES-CHALAZION Forceps	3-1/2″ (8.9 cm)	(5)
1	18-1828	CASTROVIEJO Needle Holder	5-1/2″ (14 cm) straight	(6)
1	3-6835	Storage Cassette	6-1/2″ x 6-1/4″ x 1-1/4″	(7)

Microsurgical Instrument Kit

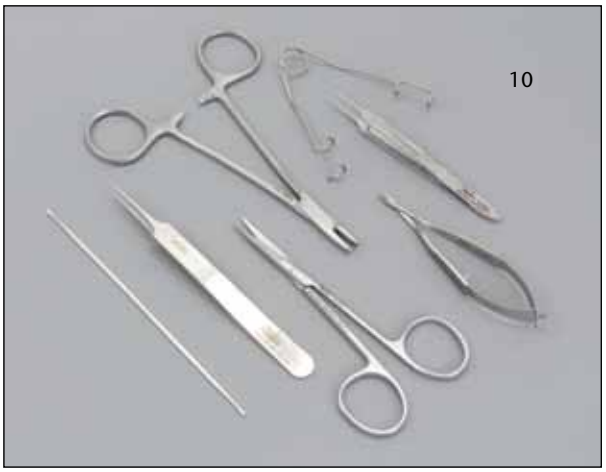
REF# 6890 *with MILTEX Storage Cassette & Mat

MILTEX® Microsurgical Kit Includes 1 each of:

REF	Description	Type	Length	
8-4	DERF Needle Holder	serrated jaws, 4000 teeth per sqare inch	4-3/4″ (12.1cm)	(1)
5-300	Iris Scissors	straight	4″ (10.2 cm)	(2)
17-305X	SWISS Jeweler Style Forceps	non-magnetic stainless steel, style 5, micro-fine	4-3/8″ (11.2 cm)	(3)
18-948	McPHERSON Micro Iris Suturing Forceps	straight, smooth platform 0.3 mm X 5 mm, no teeth	3-1/2″ (8.9 cm)	(4)
18-1625	McPHERSON-VANNAS Micro Iris Scissors	straight, sharp points	3-1/4″ (8.3 cm)	(5)
18-34	Plain Wire Speculum	blades 15 mm wide	2-1/2″ (6.4 cm)	(6)
10-2-ST	MILTEX Probe	double ended, malleable, sterling	4-1/2″ (11.4 cm)	(7)
4-6835	MILTEX Storage Cassette	dimensions 6-1/2″ x 6-1/4″ x 1-1/4″	-	(8)
4-6835MAT	MILTEX Storage Cassette Mat	-	-	(9)
REF 6890-NC	*without MILTEX Storage Cassette & Mat	-	-	(10)



6890



6890-NC

Miltex® Niemiec Veterinary Extraction Instrument Kit

Designed and approved by Dr. Brook Niemiec, D.V.M., Diplomate, American Veterinary Dental College, the MILTEX® NIEMIEC Veterinary Extraction Kit provides surgical and dental instrumentation required for companion animal dental extractions.

REF# 6806 MILTEX® Niemiec Veterinary Extraction Instrument Kit Includes 1 each of:

REF	Descriptions	Feature	Size	
4-7	#3 Scalpel Handle	-	-	(1)
73-64	Baby MOLT Periosteal Elevator	-	-	(2)
DEFF	Extracting Forceps	universal, mini	-	(3)
5D-324	LA GRANGE Scissors	curved, one serrated blade, angled shank	4-1/4" (10.8 cm)	(4)
8-15TC	OLSEN-HEGAR Needle Holder	with suture scissors	5-1/2" (14 cm)	(5)
6-124	BROWN-ADSON Tissue Forceps	7x7 teeth	4-3/4" (12.1 cm)	(6)
5-16	Operating Scissors (suture scissors)	straight, sharp/blunt	5-1/2" (14 cm)	(7)
DELLUXS2	Miltex Luxating Elevator	straight	2 mm	(8)
DELLUXS3	Miltex Luxating Elevator	straight	3 mm	(9)
DELLUXS5	Miltex Luxating Elevator	straight	5 mm	(10)
DELLUXC3	Miltex Luxating Elevator	curved	3 mm	(11)
DELLUXC5	Miltex Luxating Elevator	curved	5 mm	(12)
3-085009	Miltex #9 Storage Cassette	-	8" L x 6" W x 1-3/16" H	(13)
-	Training DVD & Instructional Guide	-	-	(14)





"Dental extractions are a very common veterinary procedure. As common as they are, they are not a simple undertaking and should be approached with the same in-depth preparation as any other surgical procedure. In this way, the practitioner will think through the procedure and properly prepare, avoiding common mistakes."

"Having the proper equipment is an excellent first step. The instructional guide and training DVD is designed to help you use the instruments to their fullest extent."

Dr. Brook Niemiec, DVM
Diplomate, American Veterinary Dental College
Fellow, Academy of Veterinary Dentistry
Veterinary Dental Specialties, San Diego, CA



Creating buccal mucosal flap



Utilizing a properly sized periosteal elevator, the buccal mucosal flap is reflected



Initial elevation of the mesial buccal root

Clinical photos provided by Dr. Brook Niemiec, DVM, Diplomate, American Veterinary Dental College
www.dogbeachdentistry.com

Miltex® Veterinary Winged Dental Elevator Kits

The Miltex® Winged Dental Elevators, developed and approved by Dr. Robert B. Wiggs, D.V.M., Diplomate, American Veterinary Dental College, ease the extraction process and provide the Veterinarian Professional with instrumentation that meets diverse clinical needs.

Winged Dental Elevators are shaped to improve instrument adaptation to the root structure. When used in a side-to-side rocking/twisting motion, the blades provide additional leverage, especially when used between teeth in the interdental space. The winged-blades will hook under the buccal bulge, improving the angle of direction in order to lift the tooth and root.



Wing-Shaped Blade

Improves instrument-tooth adaptation. Gradually tapered for easy insertion into PDL.

Narrow Neck

Enhances visibility.

One-Piece German Stainless Steel Construction

Reduces chance of tip separating from handle.

Short Handle

Improves grip and control.

DELWNG5

REF	Description	
DELWBASIC	**MILTEX® Winged Dental Elevator Basic Kit Contains 1 each:**	
DELWNG2	MILTEX Winged Dental Elevator	Size 2 mm
DELWNG3	MILTEX Winged Dental Elevator	Size 3 mm
DELWNG4	MILTEX Winged Dental Elevator	Size 4 mm
DELWNG5	MILTEX Winged Dental Elevator	Size 5 mm
3-083005	MILTEX #5 Storage Cassette 8″ L x 3-13/16″ W x 1-1/8″ H	



REF	Description	
DELWDELUX	**MILTEX® Winged Dental Elevator Deluxe Kit Contains 1 each:**	
DELWNG2	MILTEX Winged Dental Elevator	Size 2 mm
DELWNG3	MILTEX Winged Dental Elevator	Size 3 mm
DELWNG4	MILTEX Winged Dental Elevator	Size 4 mm
DELWNG5	MILTEX Winged Dental Elevator	Size 5 mm
DELWNG6	MILTEX Winged Dental Elevator	Size 6 mm
DELWNG7	MILTEX Winged Dental Elevator	Size 7 mm
DELWNG8	MILTEX Winged Dental Elevator	Size 8 mm
3-084007	MILTEX #7 Storage Cassette 8″ L x 4-7/8″ W x 1-1/8″ H	



Miltex® Luxating Dental Elevator Kit

The Miltex® Luxating Dental Elevator Kit is a complete set of elevators ranging in size from 2 mm through 5 mm with curved and straight tip designs. The Luxators are designed to cut periodontal ligament while easing the tooth from the socket by rocking and cutting, rather than by lifting and prying like a conventional elevator.

REF	Description	Length
DELLUXKIT	**Miltex® Luxating Dental Elevator Kit Contains 1 each:**	
DELLUXC2	Miltex Luxator- curved tip 2 mm	4-1/2″ (11.4 cm)
DELLUXC3	Miltex Luxator- curved tip 3 mm	4-1/2″ (11.4 cm)
DELLUXC4	Miltex Luxator- curved tip 4 mm	4-1/2″ (11.4 cm)
DELLUXC5	Miltex Luxator- curved tip 5 mm	4-1/2″ (11.4 cm)
DELLUXS2	Miltex Luxator- straight tip 2 mm	4-1/2″ (11.4 cm)
DELLUXS3	Miltex Luxator- straight tip 3 mm	4-1/2″ (11.4 cm)
DELLUXS4	Miltex Luxator- straight tip 4 mm	4-1/2″ (11.4 cm)
DELLUXS5	Miltex Luxator- straight tip 5 mm	4-1/2″ (11.4 cm)
3-084007	Miltex #7 Storage Cassette	8″ L x 4-7/8″ W x 1-1/8″ H



Stainless steel tip

Permanently welded stainless steel handle

No seam to crack; no plating to peel or discolor.

All-stainless steel handle

Twice the strength of ordinary brass and chrome-plated handles.



Luxating Elevator - proper grasp|positioning



Elevator placement into the periodontal space



Miltex® Luxating Dental Elevator Kit

Clinical photos provided by Dr. Brook Niemiec, DVM, Diplomate, American Veterinary Dental College
www.dogbeachdentistry.com

Integra™ Miltex® CryoSolutions®

CryoSolutions® is an innovative yet simple device for delivery of high performance Liquefied Nitrous Oxide which allows the clinician to pinpoint the treatment site for rapid freezing and efficacious destruction of unwanted tissue.

This convenient, in-office treatment utilizes the recognized cryogenic advantage of Liquefied Nitrous Oxide vs. competitive chemical agents. This treatment is appropriate for a variety of lesions due to the effectively low and destructive temperature delivered to the treatment site.



Economical - Convenient - Effective

- **A low $1.50 cost per patient application.**
  (Compare to the higher cost of competitive chemical agents)
- **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

REF	Description
33510	Complete set, includes unit with standard 1mm 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**

Miltex® WELDIN Veterinary Periodontal Instrument Kit For Routine Treatment

The Miltex® WELDIN Periodontal Instrument Kit is a complete collection of veterinary dental instruments and accessories for oral examinations and routine periodontal prophylaxis procedures on companion animal patients.

Dedicated to the advancement of veterinary dentistry since 1981, Carol Weldin, RDH, BS, in conjunction with Miltex, Inc., has specifically selected each diagnostic and working instrument and accessory for the varying lengths and shapes of tooth structures, accessibility to anterior and posterior teeth, sulcus depths, diversity of patients and ease of instrument care and maintenance.

6809	Miltex Weldin Veterinary Perio Instrument Kit Contains:
SVET-5450	GripLite® S6 Mirror Handle, single-ended, cone-socket
67-696/3*	#3 Cone Socket Front Surface Mirror, 1 mirror
67-696/4*	#4 Cone Socket Front Surface Mirror, 1 mirror
SVET-23E/18P	GripLite S6 #23 Explorer/18 mm Probe, double-ended
SVET-5004	GripLite S6 J33/H5 (Jacquette 33/1YS Scaler)
SVET-767	GripLite S6 Morse 0-00 Scaler
SVET-5201	GripLite S6 Columbia 13/14 Universal Curette
SVET-5202	GripLite S6 Barnhart 1/2 Universal Curette
DTST**	Plastic Resin Sharpening Test Sticks, Clear, 1 stick
STN-ARK-CON	Conical Arkansas Sharpening Stone, 1 stone
STN-ARK-FLT-4	#4 Flat Arkansas Sharpening Stone, 1 stone
3-084107	Miltex Sterilization & Storage Cassette 8"L x 4-7/8"W x 1-1/8"H

*(not sold individually – 67-696/3 and 67-696/4 are 12/bx)
**(not sold individually – DTST is 6/pk)
Check with your distributor

INCLUDES TRAINING DVD & INSTRUCTIONAL CHART!



"The Miltex® Weldin Periodontal kit is easy to use and maintain. The instruments are color coded for ease of use. Every general and specialty practice should have this wonderful kit on hand to assist them in providing proper periodontal therapy for their patients."

Sara L. Sharp CVT VTS (Dentistry)
Secretary, Academy of Veterinary Dental Technicians



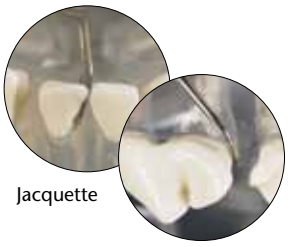
SVET-5450
67-696/3
67-696/4



SVET-23E/18P



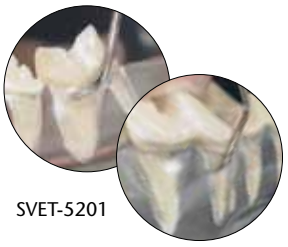
SVET-23E/18P



Jacquette
SVET-5004
H5



SVET-767



SVET-5201
SVET-5202

MILTEX® MICROSURGICAL INSTRUMENTS

Microsurgical Instrument Kit.....344

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Micro Vessel Clips.....347

Microsurgery Forceps 348-350

Microsurgery Alligator Ear Forceps 351

Microsurgical Needle Holders.....352

Microsurgery Rongeurs 353

Microsurgery Retractors.....354-355

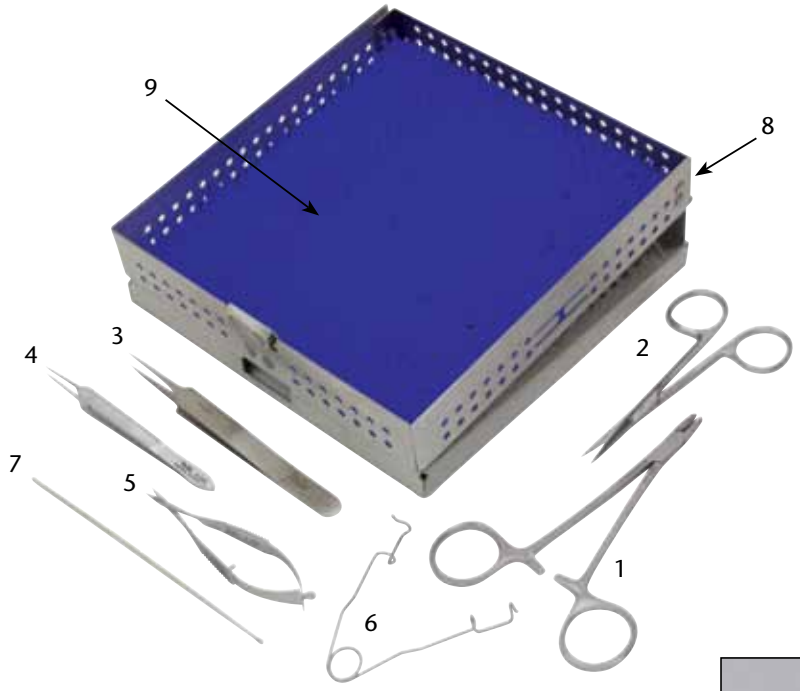


Microsurgical Instrument Kit

REF# 6890 *with MILTEX® Storage Cassette & Mat

MILTEX® Microsurgical Kit Includes 1 each of:

REF	Description	Type	Length	
8-4	DERF Needle Holder	serrated jaws, 4000 teeth per sqare inch	4-3/4" (12.1cm)	(1)
5-300	Iris Scissors	straight	4" (10.2 cm)	(2)
17-305X	SWISS Jeweler Style Forceps	non-magnetic stainless steel, style 5, micro-fine	4-3/8" (11.2 cm)	(3)
18-948	McPHERSON Micro Iris Suturing Forceps	straight, smooth platform 0.3 mm X 5 mm, no teeth	3-1/2" (8.9 cm)	(4)
18-1625	McPHERSON-VANNAS Micro Iris Scissors	straight, sharp points	3-1/4" (8.3 cm)	(5)
18-34	Plain Wire Speculum	blades 15 mm wide	2-1/2" (6.4 cm)	(6)
10-2-ST	MILTEX Probe	double ended, malleable, sterling	4-1/2" (11.4 cm)	(7)
4-6835	MILTEX Storage Cassette	dimensions 6-1/2" x 6-1/4" x 1-1/4"	-	(8)
4-6835MAT	MILTEX Storage Cassette Mat	-	-	(9)
REF 6890-NC	*without MILTEX® Storage Cassette & Mat	-	-	(10)



6890



6890-NC

Microsurgery Scissors

REF	Description	Tips	Type	Length
17-2060	MILTEX Microsurgery Scissors	sharp	straight, 8 mm blades, flat handles	5-3/4" (14.6 cm)
17-2040	MILTEX Microsurgery Scissors	sharp	curved, 8 mm blades, flat handles	5-3/4" (14.6 cm)
17-2150	MILTEX Microsurgery Scissors	sharp	straight, 6 mm blades, round handles	6" (15.2 cm)
17-2100	MILTEX Microsurgery Scissors	sharp	curved, 6 mm blades, round handles	6" (15.2 cm)
17-2160	MILTEX Microsurgery Scissors	sharp	straight, 6 mm blades, round handles	7-1/8" (18.1 cm)
17-2110	MILTEX Microsurgery Scissors	sharp	curved, 6 mm blades, round handles	7-1/8" (18.1 cm)
18-1625	MCPHERSON-VANNAS Micro Iris Scissors	straight, sharp	-	3-1/4" (8.3 cm)
18-1626	MCPHERSON-VANNAS Micro Iris Scissors	curved, sharp	-	3-1/4" (8.3 cm)
18-1630	Micro VANNAS Scissors	straight, ultrafine blades	-	3-1/4" (8.3 cm)
18-1631	Micro VANNAS Scissors	curved, ultrafine blades	-	3-1/4" (8.3 cm)
18-1633	Micro Scissors	straight, superfine blades	-	3-1/4" (8.3 cm)
18-1634	Micro Scissors	curved, superfine blades	-	3-1/4" (8.3 cm)
PM-4956*	Hood Micro Stitch Scissors	sharp	curved	4-1/2" (11.4 cm)

*PADGETT INSTRUMENTS By Miltex



17-2040

17-2060



17-2100

17-2150



17-2110

17-2160



PM-4956



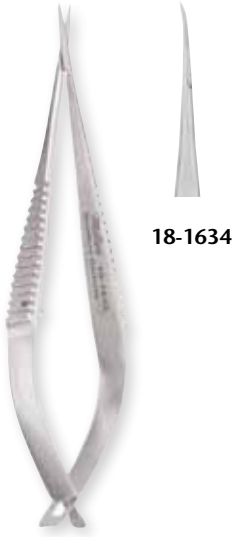
18-1626

18-1625



18-1631

18-1630



18-1634

18-1633

Microsurgery Scissors

REF	Description	Tip	Length
17-115	Pencil-Type Microsurgery Scissors	delicate, 4 mm blades, straight	7-1/4" (18.4 cm)
17-215	Pencil-Type Microsurgery Scissors	delicate, 4 mm blades, angled	7-1/4" (18.4 cm)
17-220	Microsurgery Scissors	8 mm blades, angled	7-1/4" (18.4 cm)
18-1618	Micro Iris Scissors	straight, sharp points	4" (10.2 cm)
18-1619	Micro Iris Scissors	curved, sharp points	4" (10.2 cm)



17-115



17-215



17-220



18-1618



18-1619

Micro Vessel Clips

REF	Description	Type	Jaws	Length
17-4000	Micro Vessel Clip	straight	0.75 mm x 4 mm jaws	-
17-4005	Micro Vessel Clip	straight	0.8 mm x 6 mm jaws	-
17-4010	Micro Vessel Clip	straight	1 mm x 8 mm jaws	-
17-4015	Micro Vessel Clip	straight	1.5 mm x 10 mm jaws	-
17-4050	Micro Vessel Clip	slight curve	1 mm x 6 mm jaws	-
17-4060	Micro Vessel Clip	full curve	1 mm x 6 mm jaws	-
17-4070	Micro Vessel Clip	45° angle	1 mm x 6 mm jaws	-
17-4030	Micro Clip Approximator Set	15 mm spread	2 mm x 6 mm jaws	-
17-4100	Applying Forceps for Micro Clips	with lock	-	5-3/4″ (14.6 cm)
17-4102	Applying Forceps for Micro Clips	-	-	5-1/2″ (14 cm)



17-4000 17-4005 17-4010 17-4015 17-4050 17-4060 17-4070 17-4030



17-4100



17-4102

Microsurgery Forceps

REF	Description	Teeth	Type	Length
17-2500	Micro ADSON Tissue Forceps	1 x 2	tips 0.5 mm wide	4 3/4" (12.1 cm)
17-2510	Micro ADSON Dressing Forceps	-	serrated jaws 0.5 mm wide	4 3/4" (12.1 cm)
17-2600	JACOBSON Micro Mosquito Forceps	-	straight, extremely delicate	5" (12.7 cm)
17-2602	JACOBSON Micro Mosquito Forceps	-	curved, extremely delicate	5" (12.7 cm)
18-835	BONN Micro Suturing Forceps	1 x 2	0.12 mm, with tying platform	2-3/4" (7.0 cm)
18-836	BONN Micro Suturing Forceps	1 x 2	0.12 mm, with tying platform	3-3/4" (9.5 cm)
18-837	MCPHERSON Micro Corneal Suturing Forceps	1 x 2	straight, 0.2 mm, with tying platform	3-1/2" (8.9 cm)
18-838	MCPHERSON Micro Corneal Suturing Forceps	1 x 2	angled, 0.2 mm, with tying platform	3-1/2" (8.9 cm)



17-2510

17-2500



17-2602

17-2600



18-835
18-836



18-838

18-837

Microsurgery Forceps

REF	Description	Type	Style	Length
17-301	SWISS Jeweler Style Forceps	non-magnetic stainless steel	1, fine	4-3/4″ (12.1 cm)
17-302	SWISS Jeweler Style Forceps	non-magnetic stainless steel	2, strong, fine	4-3/4″ (12.1 cm)
17-303	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3, narrow, fine	4-3/4″ (12.1 cm)
17-303C	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3C, narrow, fine	4-3/8″ (11.2 cm)
17-303X	SWISS Jeweler Style Forceps	non-magnetic stainless steel	3, micro-fine	4-3/4″ (12.1 cm)
17-304	SWISS Jeweler Style Forceps	non-magnetic stainless steel	4, fine	4-3/8″ (11.2 cm)
17-305	SWISS Jeweler Style Forceps	non-magnetic stainless steel	5, super fine	4-3/8″ (11.2 cm)
17-305X	SWISS Jeweler Style Forceps	non-magnetic stainless steel	5, micro-fine	4-3/8″ (11.2 cm)



17-301 17-302 17-303 17-303C 17-303X 17-304 17-305 17-305X

Microsurgery Forceps

REF	Description	Type	Length
17-306	SWISS Jeweler Style Forceps	non-magnetic stainless steel, style 6, pickup	4-1/2″ (11.4 cm)
17-307	SWISS Jeweler Style Forceps	non-magnetic stainless steel, style 7, fine, curved	4-1/2″ (11.4 cm)
17-307X	SWISS Jeweler Style Forceps	non-magnetic stainless steel, style 7, micro-fine, curved	4-1/2″ (11.4 cm)
18-948	MCPHERSON Micro Iris Suturing Forceps	no teeth, straight, smooth platform 0.3 mm x 5 mm	3-1/2″ (8.9 cm)
18-949	MCPHERSON Micro Iris Suturing Forceps	no teeth, angled, smooth platform 0.3 mm x 5 mm	3-1/2″ (8.9 cm)
17-1100	RHOTON Micro Suture Forceps	straight, with 0.7 mm tying platform	7″ (17.8 cm)
17-1150	RHOTON Micro Forceps	straight, 0.3 mm tips	7″ (17.8 cm)

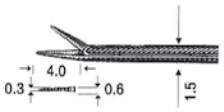


17-306 17-307 17-307X 18-948 18-949 17-1100 17-1150

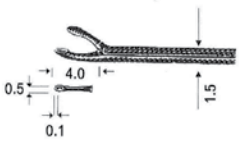
Microsurgery Alligator Ear Forceps

Micro Alligator Ear Forceps are the most delicate instruments for otological surgery. Excellent for foreign body removal and ideal for precision grasping and extraction of cerumen from the ear canal. Serrated and oval cup jaw patterns are available in sizes 0.5 mm to 0.8 mm wide in your choice of stainless or ebony finish (see 19-2150-B).

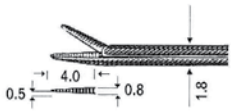
REF	Description	Type	Shaft Length
19-2081	Micro Alligator Ear Forceps	serrated jaws, 0.6 mm wide	3-1/4" (8.3 cm)
19-2081-B	Micro Alligator Ear Forceps	serrated jaws, 0.6 mm wide, ebony finish	3-1/4" (8.3 cm)
19-2090	Micro Alligator Ear Forceps	oval cup jaws, 0.5 mm wide	3-1/4" (8.3 cm)
19-2090-B	Micro Alligator Ear Forceps	oval cup jaws, 0.5 mm wide, ebony finish	3-1/4" (8.3 cm)
19-2100	Micro Alligator Ear Forceps	serrated jaws, 0.8 mm wide	3-1/4" (8.3 cm)
19-2100-B	Micro Alligator Ear Forceps	serrated jaws, 0.8 mm wide, ebony finish	3-1/4" (8.3 cm)
19-2138	HOUSE Micro Strut Forceps	smooth jaws, 0.8 mm wide	2-3/4" (7 cm)
19-2110	Micro Alligator Ear Forceps	oval cup jaws, 0.8 mm wide	3-1/4" (8.3 cm)
19-2110-B	Micro Alligator Ear Forceps	oval cup jaws, 0.8 mm wide, ebony finish	3-1/4" (8.3 cm)
19-2150	BELLUCCI Micro Ear Scissors	4 mm blades	2-3/4" (7 cm)
19-2150-B	BELLUCCI Micro Ear Scissors	4 mm blades, ebony finish	2-3/4" (7 cm)



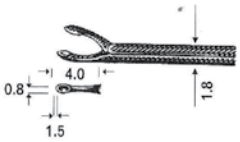
Tip detail for:
19-2081
19-2081-B



19-2090
19-2090-B



19-2100
19-2100-B
19-2138



19-2110
19-2110-B



19-2081
19-2081-B



19-2090
19-2090-B



19-2100
19-2100-B
19-2138



19-2110
19-2110-B



19-2150
19-2150-B

Microsurgical Needleholders

REF	Description	Type	Length
8-4TC	DERF Needle Holder	serrated jaws, 4000 teeth per sq. inch	4-3/4" (12.1 cm)
8-14TC	OLSEN-HEGAR Needle Holder with Suture Scissors	extra delicate, serrated jaws, 4000 teeth per sq. inch	4-3/4" (12.1 cm)
17-1000	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws	5-1/4" (13.3 cm)
17-1020	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws, with lock	5-1/4" (13.3 cm)
17-980	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, straight jaws	7-1/8" (18.1 cm)
17-1024	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, straight jaws, with lock	7-1/8" (18.1 cm)
17-1010	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws	7-1/8" (18.1 cm)
17-1025	MILTEX Microsurgery Needle Holders	round handles, 0.6 mm tips, curved jaws, with lock	7-1/8" (18.1 cm)
17-1090TC	JACOBSON Microvascular Needle Holder	straight, with lock, Carb-N-Sert® jaws, 16000 teeth per sq. inch	7" (17.8 cm)
17-1091TC	JACOBSON Microvascular Needle Holder	curved, with lock, Carb-N-Sert® jaws, 16000 teeth per sq. inch	7" (17.8 cm)
17-1092TC	JACOBSON Microvascular Needle Holder	straight, with lock, Carb-N-Sert® jaws, 16000 teeth per sq. inch	8-1/2" (21.6 cm)



8-4TC



8-14TC



17-1000
17-1020



17-1010
17-1025

17-980
17-1024



17-1090TC
17-1092TC

17-1090TC
17-1092TC

Microsurgery Rongeurs

REF	Description	Jaws	Length
17-4800	Micro FRIEDMAN Rongeur	straight, 1.3 mm wide jaws, very delicate	5-1/2" (14 cm)
17-4801	Micro FRIEDMAN Rongeur	curved, 1.3 mm wide jaws, very delicate	5-1/2" (14 cm)
17D-4802	Micro FRIEDMAN Rongeur	90° angled, 1.3 mm wide jaws, very delicate	5-1/2" (14 cm)



17-4800

17-4801



17D-4802

Microsurgery Retractors

REF	Description	Type	Size
18-2	LANCASTER Eye Speculum	15 X 5 mm blades	3-1/4" (8.3 cm)
18-4	KNAPP Eye Speculum	15 X 6 mm blades	3-1/4" (8.3 cm)
18-10	CASTROVIEJO Eye Speculum	18 X 5 mm O.D. large blades	4" (10.2 cm)
18-22	WILLIAMS Eye Speculum	15 X 5 mm large blades	3-1/4" (8.3 cm)
18-24	WILLIAMS Eye Speculum	11 X 5 mm small blades	2-3/4" (7.0 cm)
18-35	BARRAQUER Eye Speculum	large blades, 14 mm wide	1-3/4" (4.4 cm)
18-46	SMITH Eye Speculum	blades 15 mm wide with concealed spring	3" (7.6 cm)
18-47	SAUER Eye Speculum	petite size, blades 10 mm wide	1-1/4" (3.2 cm)
18-50	MURDOCK Eye Speculum	blades 15 mm wide, chrome	2-1/4" (5.7 cm)



18-2



18-4



18-10



18-22
18-24



18-35



18-46



18-47



18-50

Microsurgery Retractors, Probes & Punch

REF	Description	Type	Size
18-63	COOK Eye Speculum	petite size, 9 mm blades	1-7/8″ (4.7 cm)
18-66	MELLINGER Eye Speculum	solid blades 15 mm blades	2-3/4″ (7 cm)
18-80	AGRICOLA Lacrimal Sac Retractor	3 X 3 pointed prongs 4 mm deep	1-1/2″ (3.8 cm)
18-84	MELLER Lacrimal Sac Retractor	3 X 3 prongs 3 mm deep, sharp-pointed prongs	2-7/8″ (7.3 cm)
18-88	GOLDSTEIN Lacrimal Sac Retractor	3 X 3 pointed prongs 5 mm deep	1-1/8″ (2.8 cm)
28-104	BARR Fistula Probe	8″ (20.3 cm) sterling shaft, eye at tip	11″ (27.9 cm)
28-108	PRATT Rectal Probe	7-3/4″ (19.7 cm) sterling shaft	10″ (25.4 cm)
76-5	Rubber Dam Punch	Ainsworth	-



18-63



18-66



18-80



18-84



18-88

28-104



28-108



76-5

MILTEX® GYNECOLOGICAL & OBSTETRICAL INSTRUMENTS

Sponge Forceps 357-358

Obstetrical Forceps 359

Hooks and Forceps 360



Sponge Forceps

REF	Description	Type	Length
7-600	FOERSTER Sponge Forceps	straight, serrated jaws	9-1/2″ (24.1 cm)
7-602	FOERSTER Sponge Forceps	straight, smooth jaws	9-1/2″ (24.1 cm)
7-604	FOERSTER Sponge Forceps	straight, serrated jaws	7″ (17.8 cm)
7-606	FOERSTER Sponge Forceps	straight, smooth jaws	7″ (17.8 cm)
7-610	FOERSTER Sponge Forceps	curved, serrated jaw	9-1/2″ (24.1 cm)
7-612	FOERSTER Sponge Forceps	curved, smooth jaws	9-1/2″ (24.1 cm)
7-614	FOERSTER Sponge Forceps	curved, serrated jaws	7″ (17.8 cm)
7-616	FOERSTER Sponge Forceps	curved, smooth jaws	7″ (17.8 cm)
30-2505	KELLY Sponge or Placenta Forceps	slightly curved, serrated ring jaws	12-1/2″ (31.8 cm)



7-600 to 7-604



7-600 7-602 7-604 7-606



7-610 7-614



7-610 7-612 7-614 7-616



30-2505

Sponge Forceps

Ref	Description	Type	Length
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)
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



7-622



7-624



7-630



7-632

Obstetrical Instruments

REF	Description	Type	Length
20-4	VIENNA Speculum	small size, standard pattern	5-3/4" (14.6 cm)
20-12	TIECK-HALLE Infant Speculum	-	5-3/4" (14 cm)
30-10	GRAVES Vaginal Speculum	original model, small size	3/4" (1.9 cm) X 3" (7.6 cm)
30-1718	BALLENTINE Hysterectomy Forceps	straight, longitudinal serrations, single tooth	8-1/2" (21.6 cm)
30-1730	LONG Hysterectomy Forceps	curved, longitudinal serrations, 1 x 2 teeth	7-1/2" (19.1 cm)
30-1815	PEAN Hysterectomy Forceps	curved, longitudinal serrations	10-1/4" (26 cm)
30-2530	WINTER Placenta Forceps	straight, cup jaws	11" (27.9 cm)
30-2535	WINTER Placenta Forceps	curved, cup jaws	11" (27.9 cm)



20-4
20-12



30-10



30-1718



30-1730



30-1815



30-2530
30-2535

Hooks and Forceps

Ref	Description	Type	Length
V930-2100	Obstetrical Caesarean Forceps	with removable rubber jaws	12″ (30.5 cm)
V930-2101	Bovine Cervical Forceps	-	-
V930-2102	LINDES Embroyotomy Knife	-	-
V930-2103	Obstetrical Forceps	-	-
V930-2104	MCLEAN Whelping Forceps	small breed	8″ (20.3 cm)
V930-2105	RUGGEBERGS obstetrical double eye hook	spring type	5-1/2″ (14 cm)
V930-2106	OSTERTAGS Blunt Eye Hook	-	-
V930-2107	KREY Hook	double action	8″ (20.3 cm)
V930-2108	GUENTHERS Embroyotomy Knife	-	-



V930-2100



V930-2104



V930-2105



V930-2107

MILTEX® OPHTHALMIC INSTRUMENTS

Veterinary Eye Kit.....362

Tonometer.....363

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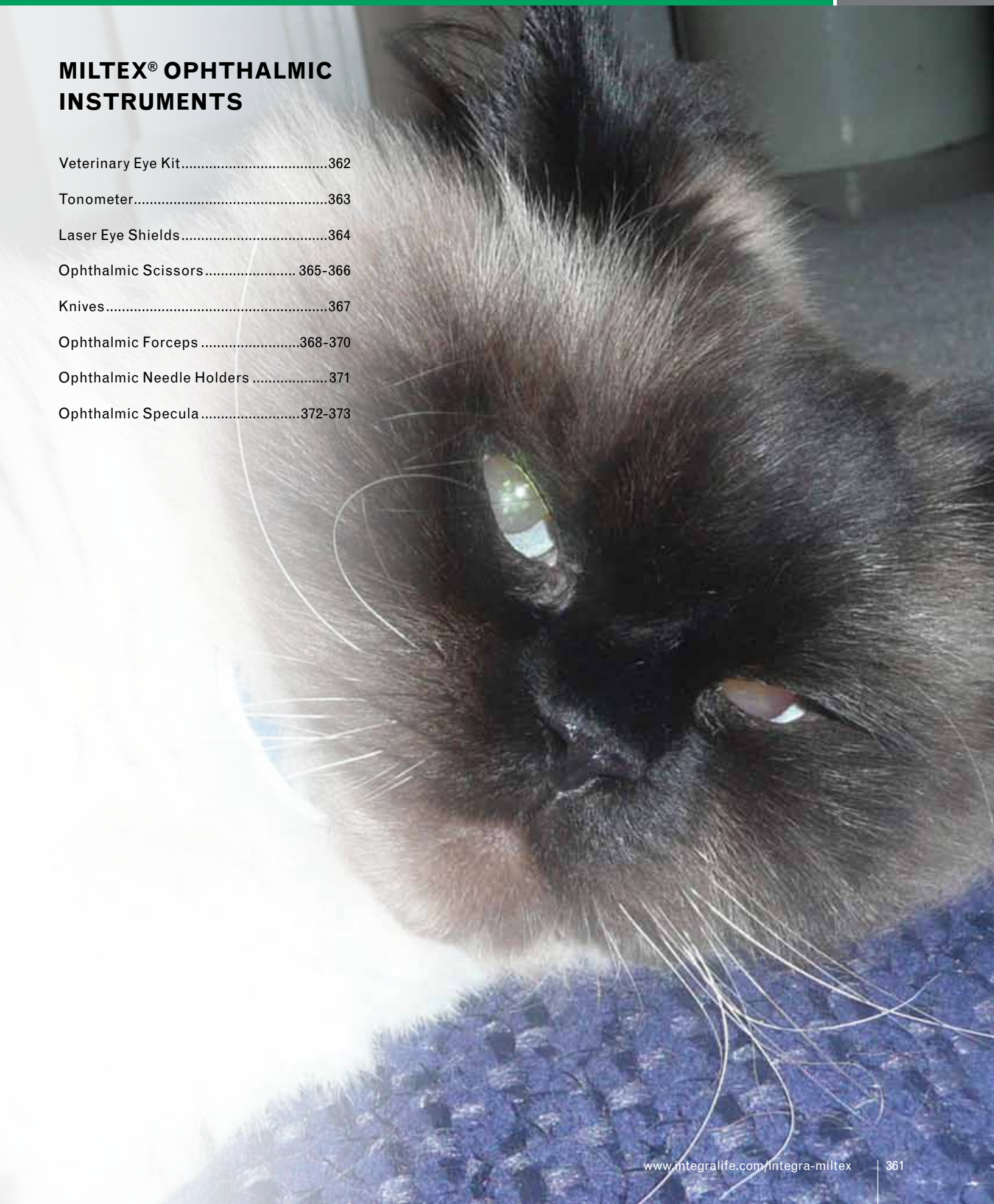
Ophthalmic Needle Holders 371

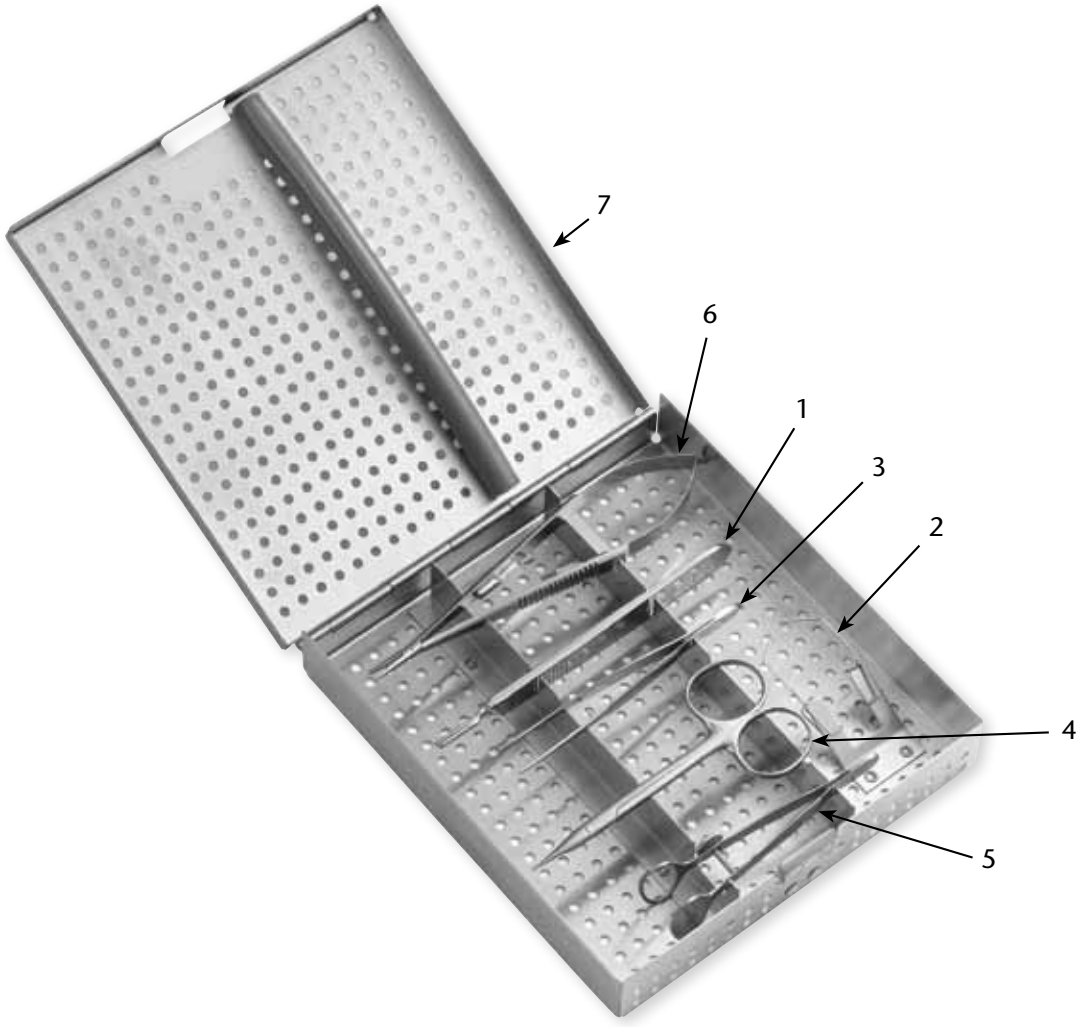
Ophthalmic Specula.....372-373



Basic Veterinary Eye Kit

REF# 6830 Basic Veterinary Eye Kit includes:

Qty.	REF	Description	Length	
1	4-7	#3 Scalpel Handle	-	(1)
1	18-35	BARRAQUER Wire Eye Speculum	-	(2)
1	18-780	Eye Dressing Forceps	4" (10.2 cm)	(3)
1	18-1462	STEVENS Tenotomy Scissors	4-1/8" (10.5 cm) straight	(4)
1	18-1202	DESMARRES-CHALAZION Forceps	3-1/2" (8.9 cm)	(5)
1	18-1828	CASTROVIEJO Needle Holder	5-1/2" (14 cm) straight	(6)
1	3-6835	Storage Cassette	6-1/2" x 6-1/4" x 1-1/4"	(7)



6830

Ophthalmic General

Schiotz Tonometers are constructed with jewelled hammers to minimize friction and feature inclined scale markings to allow reading from above. Schiotz Tonometers are autoclavable and are etched for accuracy.

Each unit is supplied with certification that it meets the specifications established by the Committee on Standardization of Tonometers of the A.A.O.O. Each Schiotz Tonometer is individually packaged in a fitted case with weights and a test block.

REF	Description
18-132	Schiotz Tonometers Original Model, with 3 weights (5.5, 7.5 & 10 g), stainless steel plunger, footplate & test block, remainder made of rust free materials
18-132A	Same as no. 132, but with ALLEN Plunger Retractor*
18-134	Schiotz Tonometers Improved Model, with 4 weights (5.5, 7.5, 10 & 15 g), mirror insert on scale reduces error of parallax, made entirely of stainless steel
18-134A	Same as no. 134, but with ALLEN Plunger Retractor*
18-139	Sterilizing Case for Schiotz Tonometers 6-1/2" (16.5 cm) x 3-1/2" (8.9 cm) x 1-1/4" (3.2 cm) fitted to firmly hold tonometer, weights & test block

** Allen Plunger Retractor holds plunger in retracted position, flush with footplate until tonometer is in place on cornea. This feature can potentially reduce damage to corneal tissue.*



18-132 to 18-134A



18-139

Lid Shields / Covers

REF	Description	Type	Length
PM-4311*	SMITH Corneal Shield	autoclavable, green, latex-free	21 mm diameter
PM-4312*	SMITH Corneal Shield	non-autoclavable, white	21 mm diameter
PM-5010*	Laser Eye Shield	non-glare, autoclavable	1" (25 mm) diameter
PM-5012*	Laser Eye Shield Kit	2 Shields PM-5010, 1 suction handle PM-5015	-
PM-5015*	Spare Suction Handle	for Laser Eye Shield, fits PM-5010 & PM-5012	-
PM-5020*	JAEGER Lid Plate	21 mm & 24 mm width	4-1/4" (10.8 cm)
18-120	JAEGER Lid Plate	20 mm & 23 mm width	4-1/4" (10.8 cm)
18-650	CASTROVIEJO Caliper	measuring & marking, graduated 0-20 mm	3-1/4" (8.3 cm)

*PADGETT INSTRUMENTS By Miltex



PM-4311
PM-4312



PM-5010
PM-5012



PM-5015



PM-5020



18-120



18-650

Ophthalmic Scissors

REF	Description	Type	Tip	Length
5-312	Strabismus Scissors	straight	-	4″ (10.2 cm)
9-100	SPENCER Stitch Scissors	delicate	-	3-1/2″ (8.9 cm)
9-101	SHORTBENT Stitch Scissors	curved, delicate	-	3-1/2″ (8.9 cm)
18-1460	STEVENS Tenotomy Scissors	straight	short blades, sharp points	4-1/8″ (10.5 cm)
18-1462	STEVENS Tenotomy Scissors	straight	short blades, blunt points	4-1/8″ (10.5 cm)
18-1464	STEVENS Tenotomy Scissors	curved	short blades, sharp points	4-1/8″ (10.5 cm)
18-1466	STEVENS Tenotomy Scissors	curved	short blades, blunt points	4-1/8″ (10.5 cm)
18-1470	STEVENS Tenotomy Scissors	straight	long blades, sharp points	4-1/2″ (11.4 cm)
18-1472	STEVENS Tenotomy Scissors	straight	long blades, blunt points	4-1/2″ (11.4 cm)
18-1474	STEVENS Tenotomy Scissors	curved	long blades, sharp points	4-1/2″ (11.4 cm)
18-1476	STEVENS Tenotomy Scissors	curved	long blades, blunt points	4-1/2″ (11.4 cm)
18-1652	Eye Suture (GRADLE) Scissors	slightly curved	sharp points	3-3/4″ (9.5 cm)



5-312



9-101

9-100



18-1464
18-1466

18-1460
18-1462



18-1474
18-1476

18-1470
18-1472



18-1652

Ophthalmic Scissors

REF	Description	Type	Tips	Length
18-1485	MCPHERSON-WESTCOTT Stitch Scissors	curved	very sharp tips, small blades	4-1/8" (10.5 cm)
18-1565	CASTROVIEJO Universal Corneal Scissors	curved	small blades, blunt tips	4-1/8" (10.5 cm)
18-1566	CASTROVIEJO Universal Corneal Scissors	curved	medium blades, blunt tips	4-1/4" (10.8 cm)
18-1567	CASTROVIEJO Universal Corneal Scissors	curved	large blades, blunt tips	4-1/4" (10.8 cm)
18-1568	CASTROVIEJO Universal Corneal Scissors	strongly curved	large blades, blunt tips	4-1/4" (10.8 cm)
18-1579	CASTROVIEJO Corneoscleral Scissors	-	small blades, right	4-1/8" (10.5 cm)
18-1580	CASTROVIEJO Corneoscleral Scissors	-	small blades, left	4-1/8" (10.5 cm)
18-1591	RICH Corneal Transplant Scissors	extremely delicate, strongly curved	large blades, left	4" (10.2 cm)
18-1592	RICH Corneal Transplant Scissors	extremely delicate, strongly curved	large blades, right	4" (10.2 cm)



18-1485



18-1565



18-1566 18-1567 18-1568



18-1579



18-1580



18-1591



18-1592

Knives, Dissector & Foreign Body Removal

REF	Description	Type	Length
18-330	GILL Corneal Knife	slightly curved 3.5 mm wide blade	4-3/4″ (12.1 cm)
18-331	DESMARRES Corneal Dissector	3 X 8 mm blade	4-3/4″ (12.1 cm)
18-350	TOOKE Corneal Knife	2.5 X 15 mm dissecting blade	4-1/2″ (11.4 cm)
18-370	Foreign Body Needle	2 X 5 mm blade	4-3/4″ (12.1 cm)
18-372	DAVIS Foreign Body Spud	0.8 mm blade	4-3/4″ (12.1 cm)
18-374	DIX Foreign Body Spud	1.7 mm X 15 mm blade	4-3/4″ (12.1 cm)
18-376	WALTON Foreign Body Gouge	round end	4-1/2″ (11.4 cm)



18-330 18-331 18-350 18-370 18-372 18-374 18-376

Ophthalmic Forceps

REF	Description	Type	Length
18-827	TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps	1 x 2 teeth, 0.4 mm, set at 45° angle, with tying platform	3" (7.6 cm)
18-828	TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps	1 x 2 teeth, 0.12 mm, set at 45° angle, with tying platform	3" (7.6 cm)
18-835	BONN Micro Suturing Forceps	1 x 2 teeth, 0.12 mm, with tying platform	2-3/4" (7 cm)
18-836	BONN Micro Suturing Forceps	1 x 2 teeth, 0.12 mm, with tying platform	3-3/4" (9.5 cm)
18-814	GRAEFE Eye Dressing Forceps	straight, serrated	2-3/4" (7 cm)
18-816	GRAEFE Iris Forceps	straight, 1 x 2 teeth	2-3/4" (7 cm)
18-850	GRAEFE Fixation Forceps	standard jaws, 4.5 mm wide, with fine teeth	4-3/8" (11.2 cm)
18-852	GRAEFE Fixation Forceps	standard jaws, 4.5 mm wide, with fine teeth, non-magnetic	4-3/8" (11.2 cm)
18-854	GRAEFE Fixation Forceps	standard jaws, 4.5 mm wide, with fine teeth, with catch	4-3/8" (11.2 cm)
18-866	BISHOP-HARMON Dressing Forceps	fine cross serrated tips 0.5 mm wide	3-3/8" (8.6 cm)
18-867	BISHOP-HARMON Micro Tissue Forceps	delicate 0.3 mm 1 x 2 teeth	3-3/8" (8.6 cm)
18-868	BISHOP-HARMON Tissue Forceps	standard 0.7 mm 1 x 2 teeth	3-3/8" (8.6 cm)
18-946	HARMS Suturing Forceps	straight, with 11 mm wide handles, tying platform, 0.6 mm wide at tip	4-1/8" (10.5 cm)
18-947	HARMS Suturing Forceps	curved, with 11 mm wide handles, tying platform, 0.6 mm wide at tip	4-1/8" (10.5 cm)



18-827
18-828

18-835
18-836

18-814

18-850
18-852
18-854

18-866

18-946

Ophthalmic Forceps

REF	Description	Type	Length
7-8	HALSTED Mosquito Forceps	straight, extra delicate	5″ (12.7 cm)
7-10	HALSTED Mosquito Forceps	curved, extra delicate	5″ (12.7 cm)
7-24	HARTMAN Mosquito Forceps	straight	3-1/2″ (8.9 cm)
7-26	HARTMAN Mosquito Forceps	curved	3-1/2″ (8.9 cm)
17-2600	JACOBSON Micro Mosquito Forceps	straight, extremely delicate	5″ (12.7 cm)
17-2602	JACOBSON Micro Mosquito Forceps	curved, extremely delicate	5″ (12.7 cm)
18-628	KIRBY Fixation Forceps	1 x 2 teeth, straight, with slide lock	4″ (10.2 cm)
18-780	Eye Dressing Forceps	straight, standard pattern, 0.8 mm wide serrated tips	4″ (10.2 cm)
18-782	Eye Dressing Forceps	half curved, standard pattern, 0.8 mm wide serrated tips	4″ (10.2 cm)
18-784	Eye Dressing Forceps	full curved, standard pattern, 0.8 mm wide serrated tips	4″ (10.2 cm)
18-786	Iris Tissue Forceps	1 x 2 teeth, straight, standard pattern, 0.8 mm wide tips	4″ (10.2 cm)
18-788	Iris Tissue Forceps	1 x 2 teeth, half curved, standard pattern, 0.8 mm wide tips	4″ (10.2 cm)
18-790	Iris Tissue Forceps	1 x 2 teeth, full curved, standard pattern, 0.8 mm wide tips	4″ (10.2 cm)



7-10

7-8



7-26

7-24



17-2602

17-2600



18-628



18-780



18-782



18-784



18-786 to 18-790

Ophthalmic Forceps

REF	Description	Type	Length
18-1102	BEER Cilia Forceps	4 mm wide smooth jaws	3-1/2" (8.9 cm)
18-1107	SWISS Cilia and Suture Forceps	3 mm wide precision fitted diagonal jaws	3-3/4" (9.5 cm)
18-1112	BENNETT Cilia Forceps	cup shaped jaws 3 mm diameter	3" (7.6 cm)
18-1170	AYER Chalazion Forceps	inside ring diameter 8.5 mm, solid blade 8 mm diameter	3-1/2" (8.9 cm)
18-1182	HEATH Chalazion Forceps	inside ring 12 X 14 mm	4" (10.2 cm)
18-1200	DESMARRES Chalazion Forceps	small size, inside ring 11 X 17 mm	3-1/2" (8.9 cm)
18-1202	DESMARRES Chalazion Forceps	medium size, inside ring 12 X 23 mm	3-1/2" (8.9 cm)
18-1204	DESMARRES Chalazion Forceps	large size, inside ring 17 X 28 mm	3-1/2" (8.9 cm)
18-1208	FRANCIS Chalazion Forceps	inside ring 12 X 14 mm	3-3/4" (9.5 cm)
18-1220	PRINCE Trachoma Forceps	inside ring 8 X 10 mm	3-1/2" (8.9 cm)


18-1102


18-1107


18-1112


18-1170


18-1182


18-1200


18-1202


18-1204


18-1208


18-1220

Ophthalmic Needle Holders

REF	Description	Type	Length
18-1850	BARRAQUER Needle Holder	delicate jaws, straight without lock	5-1/2" (14 cm)
18-1852	BARRAQUER Needle Holder	delicate jaws, straight with lock	5-1/2" (14 cm)
18-1853	BARRAQUER Needle Holder	delicate jaws, curved with lock	5-1/2" (14 cm)
18-1854	BARRAQUER Needle Holder	delicate jaws, curved without lock	5-1/2" (14 cm)
18-1856	BARRAQUER Needle Holder	standard jaws, curved with lock	5-1/2" (14 cm)
18-1837	MCPHERSON Needle Holder for Microsurgery	curved mouth, tapered jaws	4" (10.2 cm)
8-26	BOYNTON Needle Holder	delicate	5" (12.7cm)



18-1850
18-1852



18-1853
18-1854
18-1856



18-1837



8-26

Ophthalmic Specula

REF	Description	Type	Length
18-9	KRATZ-BARRAQUER Wire Speculum	with wings	1-1/2" (3.8 cm)
18-17	BARRAQUER Wire Speculum	solid blades, small	1-1/3" (3.3 cm)
18-18	BARRAQUER Wire Speculum	solid blades, large	1-1/2"(3.8 cm)
18-34	Plain Wire Eye Speculum	blades 15 mm wide	2-1/2" (6.4 cm)
18-35	BARRAQUER Eye Speculum	large blades 14 mm wide	1-3/4" (4.4 cm)
18-36	BARRAQUER Eye Speculum	small blades 10 mm wide	1-1/4" (3.2 cm)
18-46	Temporal Approach Wire Speculum	spring on nasal side, solid blades	1-1/2" (3.8 cm)

*Note: all above instruments are non-magnetic



18-9



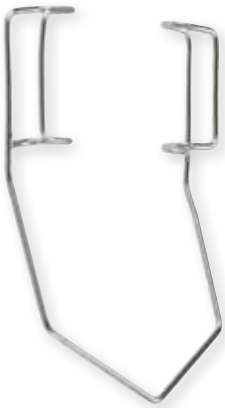
18-17



18-18



18-34



18-35
18-36



18-46

Ophthalmic Specula & Retractors

REF	Description	Type	Length
18-47	SAUER Eye Speculum	petite size, blades 10 mm wide	1-1/4" (3.2 cm)
18-50	MURDOCK Eye Speculum	blades 15 mm wide	2-1/4" (5.7 cm)
18-63	COOK Eye Speculum	petite size, 9 mm blades	1-7/8" (4.7 cm)
18-64	COOK Eye Speculum	small size, 11 mm blades	1-7/8" (4.7 cm)
18-66	MELLINGER Eye Speculum	solid blades 15 mm wide	2-3/4" (7 cm)
18-68	MELLINGER Eye Speculum	fenestrated blades 15 mm wide	2-3/4" (7 cm)

*Note: all above instruments are non-magnetic

18-110	DESMARRES Lid Retractor	size 1, 12 mm	5-1/2" (14 cm)
18-112	DESMARRES Lid Retractor	size 2, 14 mm	5-1/2" (14 cm)
18-114	DESMARRES Lid Retractor	size 3, 16 mm	5-1/2" (14 cm)
18-116	DESMARRES Lid Retractor	size 4, 18 mm	5-1/2" (14 cm)



18-47



18-50



18-63
18-64



18-66
18-68



18-110



18-112



18-114



18-116

MILTEX® ORTHOPEDIC INSTRUMENTS

Orthopedic Kit 376

Bone Holding Forceps & Clamps 377-380

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Chisels & Gouges 393-395

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Cartilage & Tendon Instruments 408-410

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Bone Cutting Forceps 415-416

Bone Saws 417-418



Clinician Spotlight

My Smallest Orthopedic Surgery Patient

As a zoo veterinarian, my patients range in size from miniscule to mammoth. Over the past 25 years, I've worked on everything from insects to elephants, but I will never forget my smallest orthopedic surgery patient, a recently fledged white-lined tanager (a small bird species native to Central and South America), 2 inches tall and weighing in at a whopping 25 grams!

"Sparky" had hatched in the Philadelphia Zoo's walk-through Jungle Bird Walk exhibit about 3 weeks earlier, and was being raised by her very attentive parents. She had been flying around the heavily planted aviary for a few days when the bird keepers routinely captured her to place a numbered plastic identification band on her leg. While placing the band, a keeper noticed fresh blood on the feathers under the left wing and called me immediately on my walkie-talkie.

Since any amount of blood loss from a bird that small can be a serious issue, I rushed across the Zoo to get a look at the wing. On the way there, I was hoping it was a simple problem, such as a broken blood feather that could be easily remedied by removing the damaged feather. Once I saw her wing though, I realized the Sparky had sustained an open fracture of her humerus and would require emergency surgery. She was transported back to the Zoo's Animal Health Center and anesthetized for further examination and treatment.

Radiographs confirmed an oblique fracture about two-thirds of the way down the humerus. Because my goal was to end up with a fully flighted bird, I was concerned that if the wing was simply splinted and bandaged, the fracture fragments might be poorly aligned and the fracture site might not be stable enough for proper healing. A humerus the diameter of a toothpick seemed unsuitable for an external fixator, but I recalled a picture from veterinary school of someone using a hypodermic needle as an IM pin in some other small creature, so decided to give that a try with Sparky.

By superimposing various needles on the preoperative radiograph, I chose a 1 inch 23 gauge needle as the IM pin. Holding the needle hub, I inserted the needle tip retrograde from the fracture site up through the proximal humeral fragment and out through the top of the shoulder. The needle hub was then clipped off at the fracture site, and the needle advanced normograde into the distal humeral fragment to the region of the elbow. Intraoperative radiographs showed the needle to be good position, so the remaining exteriorized portion of the needle at the shoulder was snipped off, the skin wounds sutured, and the wing splinted to the body.

Once a week, Sparky was re-anesthetized to change the wing bandage and check fracture healing. After 4 weeks, she was moved to a bigger completely enclosed cage, and the wing was left unbandaged so she could start exercising with the IM pin still providing some support. At 6 weeks post-surgery, the pin was finally removed and she continued improving her flying ability, and at 8 weeks was flying well enough to move to her own big exhibit.

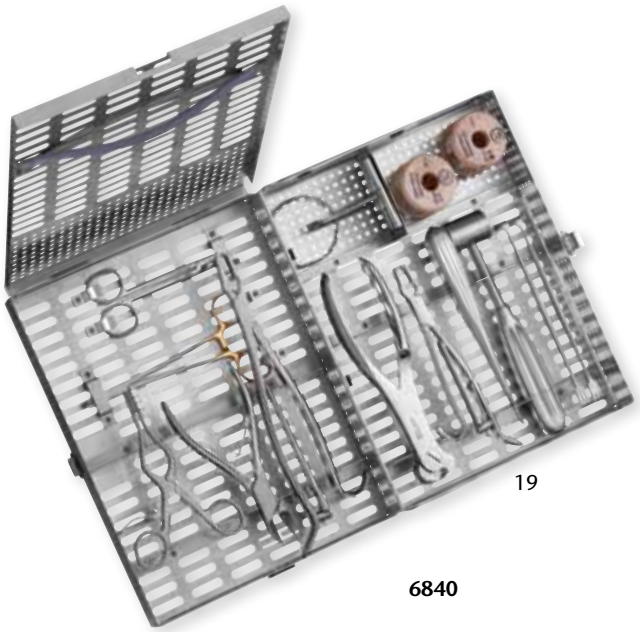
The last time I saw Sparky was 2 years later when I did a pre-shipment physical exam prior to her leaving for another zoo. She was going to be paired with an unrelated male white-lined tanager in hopes that a future generation of tanagers would result. She looked (and flew) very well. I realized that having excellent orthopedic equipment is always a plus, but so is a little ingenuity and a great support staff!

By Keith C. Hinshaw, DVM, MPVM
Director, Department of Animal Health
Philadelphia Zoo, Philadelphia, Pennsylvania



Sparky chirping happily after undergoing orthopedic surgery

Orthopedic Kit



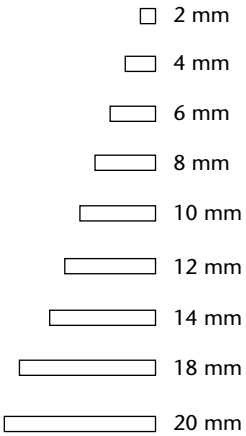
6840

REF# 6840 Orthopedic Kit Includes:

Qty.	REF	Description	
1	9-40-20	Suture Wire, 20 gauge	(1)
1	9-40-30	Suture Wire, 30 gauge	(2)
1	9-124	Wire Cutter	(3)
1	11-74	SENN Retractor, sharp	(4)
1	11-76	SENN Retractor, blunt	(5)
1	11-608	WEITLANER Retractor	(6)
1	18-1968	FREER Elevator	(7)
1	19-708	SPRATT Bone Curette	(8)
1	19-792	LUCAE Mallet	(9)
1	21-369	FOMAN Rasp	(10)
1	22-500TC	Wire Twister	(11)
2	26-120	GIGLI-STRULY Saw Handle	(12)
1	26-130	GIGLI-STRULY Saw	(13)
1	27-4	KERN Bone Holding Forceps, large	(14)
1	27-7	KERN Bone Holding Forceps, small	(15)
1	27-158	Pin Cutter	(16)
1	27-1390	LISTON Bone Cutting Forceps	(17)
1	27-603	Swiss Pattern Osteotomes	(18)
1	3-6845	Storage Cassette, 10-3/4" x 8-1/4" x 2-3/4"	(19)



Osteotome Kit





27-610

REF# 27-610	Osteotome Kit includes:
	Set of 9 SWISS Pattern Osteotomes 2 mm to 20 mm complete in customized storage cassette (10-1/2" x 8" x 1/2")

Bone Holding Forceps

REF	Description	Type	Length
27-2	KERN Bone Holding Forceps	standard size, plain	9-1/2" (24.1 cm)
27-4	KERN Bone Holding Forceps	standard size, with ratchet	9-1/2" (24.1 cm)
27-6	KERN Bone Holding Forceps	petite size, plain	6-3/4" (17.1 cm)
27-7	KERN Bone Holding Forceps	petite size, with ratchet	6-3/4" (17.1 cm)
27-14	FARABEUF-LAMBOTTE Bone Holding Forceps	-	10-1/4" (26 cm)



27-2
27-6



27-4
27-7



27-14

Bone Holding Forceps

REF	Description	Type	Length
27-16	LEWIN Bone Holding Forceps	serrated jaws	7″ (17.8 cm)
27-20	LANE Bone Holding Forceps	plain	13″ (33 cm)
27-21	LANE Bone Holding Forceps	with ratchet	13″ (33 cm)
27-22	LANE Bone Holding Forceps	plain	17″ (43.2 cm)
27-23	LANE Bone Holding Forceps	with ratchet	17″ (43.2 cm)



27-16



27-20
27-22



27-21
27-23

Bone Clamps & Forceps

REF	Description	Type	Length
7-510	ROEDER Clamp	with Ball Stops	5-1/4″ (13.3 cm)
27-24	DINGMAN Small Bone & Cartilage Clamp	serrated jaws, 2 x 2 teeth, 4 mm wide	7-1/2″ (19.1 cm)
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″ (.3 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″ (.3 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)



7-510 | **27-24** | **27-30 to 27-34** | **27-42 27-44** | **27-46 27-47**

Bone Clamps & Forceps

REF	Description	Type	Length
27-70	VERBRUGGE Bone Forceps	5 mm jaws	7″ (17.8cm)
27-80	VERBRUGGE Bone Forceps	10 mm jaws	10″ (25.4cm)
27-93	Bone Reduction Forceps	curved, with ratchet	5-1/2″ (14cm)
27-95	Bone Reduction Forceps	curved, with ratchet	8″ (20.3cm)
PM-3738*	BUNNELL Bone Holding Forceps	5 mm wide	7″ (17.8 cm)
PM-405*	DINGMAN Bone Holding Clamp	heavy pattern with curved shanks	7-1/2″ (19.1 cm)

* PADGETT INSTRUMENTS® By Miltex®



27-70
27-80



27-95



27-93



PM-3738



PM-405

Pin & Wire Cutters & Twisters

REF	Description	Type	Length
9-128	Double Action Parallel Pliers & Wire Cutter	nickel plated	4-1/2" (11.4 cm)
27-158	MILTEX Cannulated Pin & Wire Cutter	end cutting up to 3.2 mm (1/8") soft wire or 1.6 mm (1/16") hard wire	7-1/2" (19.1 cm)
27-160	DIAMOND Pin & Wire Cutter	cuts up to 2 mm (5/64") diameter hard wire, stainless steel	6-1/2" (16.5 cm)
PM-4137*	MEADE Wire Cuting Pliers	tungsten carbide	9-1/2" (24 cm)
PM-2123*	CORWIN Wire Twister	tungsten carbide, serrated	6" (15.2 cm)
22-500TC	Wire Twister	with blunt Carb-N-Sert jaws	6" (15.2 cm)
22-502TC	Wire Twister	with blunt Carb-N-Sert jaws	8" (20.3 cm)

* PADGETT INSTRUMENTS By Miltex



9-128



27-158



27-160



PM-4137

PM-2123



22-500TC
22-502TC

Specialty Instruments for Pin & Wire

REF	Description	Jaws	Type	Length
27-159TC	Pin and Wire Cutter	double action, cuts up to 2 mm (5/64") soft wire or 1.5 mm (1/16") hard wire	Carb-N-Sert	7" (17.8 cm)
27-161TC	MILTEX Pin Cutter	heavy duty, double action, cuts up to 4.8 mm (3/16") diameter	Carb-N-Sert	15" (38.1 cm)
27-163TC	Front & Side Pin & Wire Cutter	double action, flush cutting, cuts up to 2 mm (5/64") soft wire or 1.6 mm (1/16") hard wire	Carb-N-Sert	7" (17.8 cm)
27-164TC	Pin & Wire Puller	4 mm wide jaws, double action	Carb-N-Sert	7" (17.8 cm)
27-165TC	Pin & Wire Puller	6 mm wide jaws, double action	Carb-N-Sert	7" (17.8 cm)
27-176TC	MILTEX Pin Puller	1 cm length serrated top jaw & 1 cm length grooved opposing jaw	Carb-N-Sert	5-1/2" (14 cm)



27-159TC



27-161TC



27-163TC



27-164TC

27-165TC



27-176TC

IM Pins

REF	Description
27-182	IM Pins, 1/16″ x 7″, double trocar, smooth
27-183	IM Pins, 5/64″ x 7″, double trocar, smooth
27-184	IM Pins, 3/32″ x 8″, double trocar, smooth
27-185	IM Pins, 7/64″ x 8″, double trocar, smooth
27-186	IM Pins, 1/8″ x 9″, double trocar, smooth
27-187	IM Pins, 9/64″ x 9″, double trocar, smooth
27-188	IM Pins, 5/32″ x 10″, double trocar, smooth
27-189	IM Pins, 3/16″ x 12″, double trocar, smooth
27-190	IM Pins, 1/4″ x 12″, double trocar, smooth

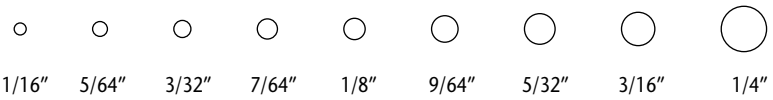


27-190

REF	Description
27-192	IM Pins, 1/16″ x 7″, double trocar, partial threaded
27-193	IM Pins, 5/64″ x 7″, double trocar, partial threaded
27-194	IM Pins, 3/32″ x 8″, double trocar, partial threaded
27-195	IM Pins, 7/64″ x 8″, double trocar, partial threaded
27-196	IM Pins, 1/8″ x 9″, double trocar, partial threaded
27-197	IM Pins, 9/64″ x 9″, double trocar, partial threaded
27-198	IM Pins, 5/32″ x 10″, double trocar, partial threaded
27-199	IM Pins, 3/16″ x 12″, double trocar, partial threaded
27-200	IM Pins, 1/4″ x 12″, double trocar, partial threaded



27-200



REF	Description
27-201	MILTEX Pin & Wire Gauge

side one
inches &
centimeters



side two
wire sizes



REF	Description	Type	Length
27-110	Bone Wire Guide	U.S. pattern	8-3/4″ (22.2 cm)



27-110

Kirschner Wires

REF	Description	Type	Length
27-202	K-WIRE	trocar point with flat chuck end, .035″	12″ (.9mm)
27-204	K-WIRE	trocar point with flat chuck end, .045″	12″ (1.1mm)
27-206	K-WIRE	trocar point with flat chuck end, .0625″	12″ (1.6mm),
27-208	K-WIRE	trocar point on both ends, .035″	7-1/2″ (.9mm)
27-210	K-WIRE	trocar point on both ends, .045″	7-1/2″ (1.1mm)
27-212	K-WIRE	trocar point on both ends, .0625″	7-1/2″ (1.6mm)

.9 mm 1.1 mm 1.6 mm



27-202
tip detail
flat chuck end



27-202
tip detail
trocar point

27-206

BABCOCK Stainless Steel Suture Wire

REF	1 oz.(28 g) spool	Gauge	Diameter
9-40-18	13 ft.	18	.040″ (1 mm)
9-40-20	20 ft.	20	.032″ (.8 mm)
9-40-22	30 ft.	22	.025″ (.6 mm)
9-40-24	45 ft.	24	.020″ (.5 mm)
9-40-25	54 ft.	25	.018″ (.45 mm)
9-40-26	72 ft.	26	.016″ (.4 mm)
9-40-28	125 ft.	28	.012″ (.3 mm)
9-40-30	180 ft.	30	.010″ (.25 mm)
9-40-32	295 ft.	32	.008″ (.2 mm)
9-40-34	500 ft.	34	.006″ (.15 mm)
9-40-36	750 ft.	36	.005″ (.13 mm)



9-40-24

REF	4 oz. (113 g) spool	Gauge	Diameter
9-44-18	48 ft.	18	.040″ (1 mm)
9-44-20	75 ft.	20	.032″ (.8 mm)
9-44-22	120 ft.	22	.025″ (.6 mm)
9-44-24	184 ft.	24	.020″ (.5 mm)
9-44-25	214 ft.	25	.018″ (.45 mm)
9-44-26	285 ft.	26	.016″ (.4 mm)
9-44-28	500 ft.	28	.012″ (.3 mm)
9-44-30	675 ft.	30	.010″ (.25 mm)
9-44-32	1200 ft.	32	.008″ (.2 mm)
9-44-34	2030 ft.	34	.006″ (.15 mm)



9-44-24

Retractors & Hooks

REF	Description	Type	Length
11-500	VOLKMAN Hook	sharp, hollow handle	8-1/2" (21.6 cm)
11-502	VOLKMAN Hook	sharp, ring handle	8-1/2" (21.6 cm)
26-2000	INGE Laminectomy spreader	jaws open to 1-1/8" (2.8 cm)	6" (15.2 cm)
26-2005	INGE Laminectomy spreader	jaws open to 1-3/4" (4.4 cm)	9-1/2" (24.1 cm)
27-224	SMILLIE Meniscus Hook Retractor	blade 3/4" x 1-3/8" (1.9 cm x 3.5 cm)	5-3/4" (14.6 cm)
27-225	HAYS Hand & Finger Retractor	angled blade 1-1/2" (3.8 cm) long, tapering width 3/8" to 1/8" (1 cm to .32 cm)	6" (15.2 cm)
27-230	VOLKMAN Hook Retractor	sharp point 15 mm deep	9" (22.9 cm)
27-232	VOLKMAN Hook Retractor	blunt tip 15 mm deep	9" (22.9 cm)

Please refer to page 136 to see more Miltex® retractors



11-500 **11-502** **26-2000** **26-2005** **27-224** **27-225** **27-230** **27-232**

Hand Held Retractors

REF	Description	Type	Length
11-350	ISRAEL Retractor	blunt, 4 prongs, 1-3/4″ x 1-5/8″ (4.4 cm x 4.2 cm)	9-3/4″ (24.8 cm)
11-352	ISRAEL Retractor	blunt, 6 prongs, 2-3/8″ x 1-3/4″ (6.0 cm x 4.4 cm)	10″ (25.4 cm)
27-213	MINI-HOHMANN Retractor	blade 6 mm wide	6-1/4″ (15.9 cm)
27-214	MINI-HOHMANN Retractor	blade 8 mm wide	6-1/4″ (15.9 cm)
27-215	HOHMANN Retractor	blade 10 mm wide	9-1/4″ (23.5 cm)
27-216	HOHMANN Retractor	blade 18 mm wide	9-1/4″ (23.5 cm)
27-217	HOHMANN Retractor	blade 25 mm wide	9-1/4″ (23.5 cm)
27-218	HOHMANN Retractor	blade 43 mm wide	9-1/4″ (23.5 cm)
27-219	HOHMANN Retractor	blade 70 mm wide	9-3/4″ (24.8 cm)



11-350



11-352



27-213 to 27-214



27-215 to 27-217



27-218 to 27-219

Hand Held Retractors

REF	Description	Type	Length
11-504	VOLKMAN Retractor	2 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-506	VOLKMAN Retractor	3 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-508	VOLKMAN Retractor	4 prongs, sharp, hollow handle	8-1/2" (21.6 cm)
11-512	VOLKMAN Retractor	2 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-514	VOLKMAN Retractor	3 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-516	VOLKMAN Retractor	4 prongs, blunt, hollow handle	8-1/2" (21.6 cm)
11-530	VOLKMAN Retractor	2 prongs, sharp, ring handle	8-1/4" (21 cm)
11-532	VOLKMAN Retractor	3 prongs, sharp, ring handle	8-1/4" (21 cm)
11-534	VOLKMAN Retractor	4 prongs, sharp, ring handle	8-1/4" (21 cm)
11-536	VOLKMAN Retractor	6 prongs, sharp, ring handle	8-1/4" (21 cm)
11-538	VOLKMAN Retractor	2 prongs, blunt, ring handle	8-1/4" (21 cm)
11-540	VOLKMAN Retractor	3 prongs, blunt, ring handle	8-1/4" (21 cm)
11-542	VOLKMAN Retractor	4 prongs, blunt, ring handle	8-1/4" (21 cm)
11-544	VOLKMAN Retractor	6 prongs, blunt, ring handle	8-1/4" (21 cm)



11-504 to 11-516



11-530 to 11-544

Osteotomes

Osteotomes must be routinely sharpened. Please see our Reference Section on page 544 for information on how to send your instruments to Miltex® for evaluation and sharpening.

REF	Description	Type	Length
27-270	U.S. ARMY Pattern Osteotome	6 mm wide	6-1/2″ (16.5 cm)
27-272	U.S. ARMY Pattern Osteotome	12 mm wide	6-1/2″ (16.5 cm)
27-274	U.S. ARMY Pattern Osteotome	18 mm wide	6-1/2″ (16.5 cm)
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)
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	Storage Case	5-1/2″ (14 cm) x 6-1/2″ (16.5 cm) x 1/2″ (1.3cm) fitted to hold 9 SWISS Pattern Osteotomes 2 to 20 mm	
27-610	Set of 9 SWISS Pattern Osteotomes	2 mm to 20 mm, complete with storage case	



27-270 to 27-274



27-331 to 27-336



27-599 to 27-610

Lambotte Osteotomes

REF	Description	Type	Length
27-488	LAMBOTTE Osteotome	straight, 6 mm (1/4")	9" (22.9 cm)
27-490	LAMBOTTE Osteotome	straight, 13 mm (1/2")	9" (22.9 cm)
27-492	LAMBOTTE Osteotome	straight, 19 mm (3/4")	9" (22.9 cm)
27-494	LAMBOTTE Osteotome	straight, 25 mm (1")	9" (22.9 cm)
27-496	LAMBOTTE Osteotome	straight, 32 mm (1-1/4")	9" (22.9 cm)
27-498	LAMBOTTE Osteotome	straight, 38 mm (1-1/2")	9" (22.9 cm)
27-499	LAMBOTTE Osteotome	curved, 6 mm (1/4")	9" (22.9 cm)
27-500	LAMBOTTE Osteotome	curved, 13 mm (1/2")	9" (22.9 cm)
27-502	LAMBOTTE Osteotome	curved, 19 mm (3/4")	9" (22.9 cm)
27-504	LAMBOTTE Osteotome	curved, 25 mm (1")	9" (22.9 cm)
27-506	LAMBOTTE Osteotome	curved, 32 mm (1-1/4")	9" (22.9 cm)
27-508	LAMBOTTE Osteotome	curved, 38 mm (1-1/2")	9" (22.9 cm)



27-488



27-499

Smith-Peterson Osteotomes

REF	Description	Type	Length
27-510	SMITH-PETERSON Osteotome	straight, 1/4" (.64 cm)	8" (20.3 cm)
27-512	SMITH-PETERSON Osteotome	straight, 3/8" (.95 cm)	8" (20.3 cm)
27-514	SMITH-PETERSON Osteotome	straight, 1/2" (1.3 cm)	8" (20.3 cm)
27-516	SMITH-PETERSON Osteotome	straight, 5/8" (1.6 cm)	8" (20.3 cm)
27-518	SMITH-PETERSON Osteotome	straight, 3/4" (1.9 cm)	8" (20.3 cm)
27-520	SMITH-PETERSON Osteotome	straight, 1" (2.5 cm)	8" (20.3 cm)
27-522	SMITH-PETERSON Osteotome	straight, 1-1/4" (3.2 cm)	8" (20.3 cm)
27-530	SMITH-PETERSON Osteotome	curved, 1/4" (.64 cm)	8" (20.3 cm)
27-532	SMITH-PETERSON Osteotome	curved, 3/8" (.95 cm)	8" (20.3 cm)
27-534	SMITH-PETERSON Osteotome	curved, 1/2" (1.3 cm)	8" (20.3 cm)
27-536	SMITH-PETERSON Osteotome	curved, 5/8" (1.6 cm)	8" (20.3 cm)
27-538	SMITH-PETERSON Osteotome	curved, 3/4" (1.9 cm)	8" (20.3 cm)
27-540	SMITH-PETERSON Osteotome	curved 1" (2.5 cm)	8" (20.3 cm)
27-542	SMITH-PETERSON Osteotome	curved, 1-1/4" (3.2 cm)	8" (20.3 cm)



27-510



27-540

Hibbs Osteotomes

REF	Description	Type	Length
27-438	HIBBS Osteotome	straight, 1/4″ (.64 cm)	9-1/2″ (24.1 cm)
27-440	HIBBS Osteotome	straight, 3/8″ (0.95 cm)	9-1/2″ (24.1 cm)
27-442	HIBBS Osteotome	straight, 1/2″ (1.3 cm)	9-1/2″ (24.1 cm)
27-444	HIBBS Osteotome	straight, 5/8″ (1.6 cm)	9-1/2″ (24.1 cm)
27-446	HIBBS Osteotome	straight, 3/4″ (1.9 cm)	9-1/2″ (24.1 cm)
27-447	HIBBS Osteotome	straight, 7/8″ (2.2 cm)	9-1/2″ (24.1 cm)
27-448	HIBBS Osteotome	straight, 1″ (2.5 cm)	9-1/2″ (24.1 cm)
27-449	HIBBS Osteotome	straight, 1-1/8″ (2.8 cm)	9-1/2″ (24.1 cm)
27-450	HIBBS Osteotome	straight, 1-1/4″ (3.2 cm)	9-1/2″ (24.1 cm)
27-452	HIBBS Osteotome	straight, 1-1/2″ (3.8 cm)	9-1/2″ (24.1 cm)
27-438C	HIBBS Osteotome	curved, 1/4″ (.64 cm)	9-1/2″ (24.1 cm)
27-440C	HIBBS Osteotome	curved, 3/8″ (0.95 cm)	9-1/2″ (24.1 cm)
27-442C	HIBBS Osteotome	curved, 1/2″ (1.3 cm)	9-1/2″ (24.1 cm)
27-444C	HIBBS Osteotome	curved, 5/8″ (1.6 cm)	9-1/2″ (24.1 cm)
27-446C	HIBBS Osteotome	curved, 3/4″ (1.9 cm)	9-1/2″ (24.1 cm)
27-447C	HIBBS Osteotome	curved, 7/8″ (2.2 cm)	9-1/2″ (24.1 cm)
27-448C	HIBBS Osteotome	curved, 1″ (2.5 cm)	9-1/2″ (24.1 cm)
27-449C	HIBBS Osteotome	curved, 1-1/8″ (2.8 cm)	9-1/2″ (24.1 cm)
27-450C	HIBBS Osteotome	curved, 1-1/4″ (3.2 cm)	9-1/2″ (24.1 cm)
27-452C	HIBBS Osteotome	curved, 1-1/2″ (3.8 cm)	9-1/2″ (24.1 cm)



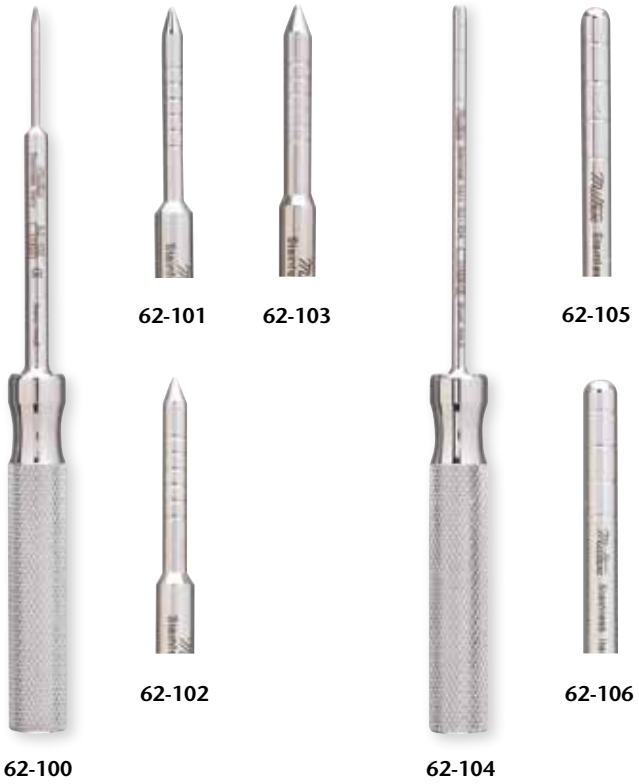
27-438 tp
27-452



27-438C to
27-452C

Osteotomes

REF	Description
62-100	Osteotome, Sharp, 2 mm
62-101	Osteotome, Sharp, 2.7 mm
62-102	Osteotome, Sharp, 3.25 mm
62-103	Osteotome, Sharp, 3.8 mm
62-104	Osteotome, Blunt, 3 mm
62-105	Osteotome, Blunt, 4 mm
62-106	Osteotome, Blunt, 5 mm



Progressive Osteotomes

REF	Description
62-120	Osteotome, Progressive, Concave, 1.6 mm
62-121	Osteotome, Progressive, Concave, 1.9 mm
62-122	Osteotome, Progressive, Concave, 2.8 mm
62-123	Osteotome, Progressive, Concave, 3.1 mm
62-124	Osteotome, Progressive, Concave, 3.9 mm
62-125	Osteotome, Progressive, Concave, 5.5 mm

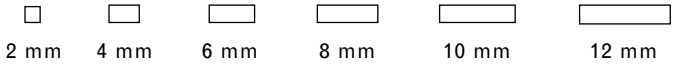


PADGETT Mini Osteotomes

REF	Description	Type	Length	Width
PM-044402	Mini Osteotome	straight	5″ (12.7 cm)	2 mm
PM-044404	Mini Osteotome	straight	5″ (12.7 cm)	4 mm
PM-044406	Mini Osteotome	straight	5″ (12.7 cm)	6 mm
PM-044408	Mini Osteotome	straight	5″ (12.7 cm)	8 mm
PM-044410	Mini Osteotome	straight	5″ (12.7 cm)	10 mm
PM-044412	Mini Osteotome	straight	5″ (12.7 cm)	12 mm
PM-044422	Mini Osteotome	curved	5″ (12.7 cm)	2 mm
PM-044424	Mini Osteotome	curved	5″ (12.7 cm)	4 mm
PM-044426	Mini Osteotome	curved	5″ (12.7 cm)	6 mm
PM-044428	Mini Osteotome	curved	5″ (12.7 cm)	8 mm
PM-044430	Mini Osteotome	curved	5″ (12.7 cm)	10 mm
PM-044432	Mini Osteotome	curved	5″ (12.7 cm)	12 mm

***Distal working end serrated for bone compacting and mallet interface control**

PADGETT INSTRUMENTS® By Miltex





PM-044402 **PM-044422**

Graduated Chisels

Graduated chisels are used to widen ridges and feature reference graduation marks. These chisels are available in straight and curved patterns.

REF	Description
62-20	Chisel, Graduated, Straight, 3.8mm (7-10-13-15-18 mm markings)
62-21	Chisel, Graduated, Curved, 3.8mm (7-10-13-15-18 mm markings)
62-22	Chisel, Graduated, Straight, 7.5mm (7-10-13-15-18 mm markings)
62-23	Chisel, Graduated, Curved, 7.5mm (7-10-13-15-18 mm markings)



straight blade | curved blade



62-20 | 62-21 | 62-22 | 62-23

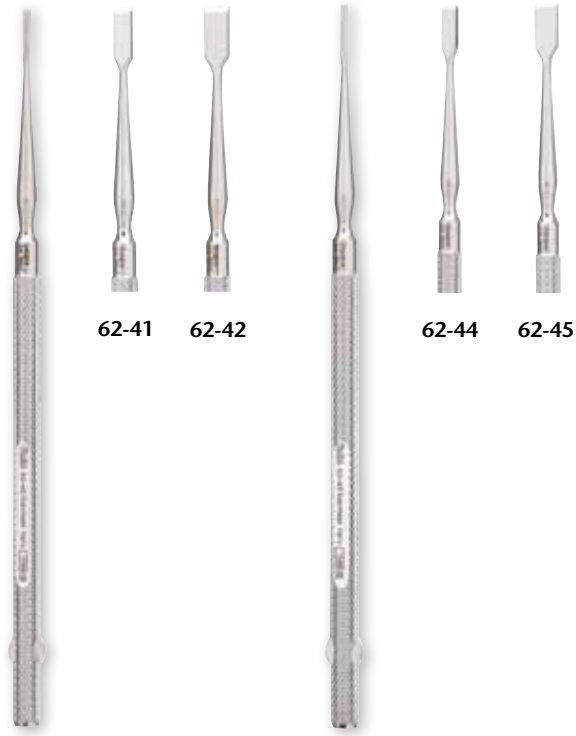
Freer Chisels

The extremely sharp tips of Freer chisels make it possible to incise and widen ridges. These chisels are available in single or double edge.

REF	Description
62-40	Chisel, Freer, Single Cut Blade, 2 mm
62-41	Chisel, Freer, Single Cut Blade, 4 mm
62-42	Chisel, Freer, Single Cut Blade, 6 mm
62-43	Chisel, Freer, Double Cut Blade, 2 mm
62-44	Chisel, Freer, Double Cut Blade, 4 mm
62-45	Chisel, Freer, Double Cut Blade, 6 mm



Single Blade | Double Blade



62-40 | 62-41 | 62-42 | 62-43 | 62-44 | 62-45

U.S. Army Pattern Chisels & Gouges

REF	Description	Type	Length
27-260	U.S. ARMY Pattern Chisel	6 mm wide	6-1/2″ (16.5 cm)
27-262	U.S. ARMY Pattern Chisel	12 mm wide	6-1/2″ (16.5 cm)
27-264	U.S. ARMY Pattern Chisel	18 mm wide	6-1/2″ (16.5 cm)
27-280	U.S. ARMY Pattern Gouge	6 mm wide	6-1/2″ (16.5 cm)
27-282	U.S. ARMY Pattern Gouge	12 mm wide	6-1/2″ (16.5 cm)



27-260 to 27-264



27-280

Alexander Chisels & Gouges

REF	Description	Type	Length
19-750	ALEXANDER Chisel	4 mm width	7″ (17.8 cm)
19-752	ALEXANDER Chisel	6 mm width	7″ (17.8 cm)
19-754	ALEXANDER Chisel	8 mm width	7″ (17.8 cm)
19-756	ALEXANDER Chisel	10 mm width	7″ (17.8 cm)
19-758	ALEXANDER Chisel	12 mm width	7″ (17.8 cm)
19-760	ALEXANDER Chisel	14 mm width	7″ (17.8 cm)
19-770	ALEXANDER Gouge	4 mm width	7″ (17.8 cm)
19-772	ALEXANDER Gouge	6 mm width	7″ (17.8 cm)
19-774	ALEXANDER Gouge	8 mm width	7″ (17.8 cm)
19-776	ALEXANDER Gouge	10 mm width	7″ (17.8 cm)
19-778	ALEXANDER Gouge	12 mm width	7″ (17.8 cm)
19-780	ALEXANDER Gouge	14 mm width	7″ (17.8 cm)



19-750 to 19-758



19-770 to 19-780

Hibbs Chisels & Gouges

REF	Description	Type	Length
27-418	HIBBS Chisel	straight, 1/4″ (.64 cm)	9-1/2″ (24.1 cm)
27-420	HIBBS Chisel	straight, 3/8″ (.95 cm)	9-1/2″ (24.1 cm)
27-422	HIBBS Chisel	straight, 1/2″ (1.3 cm)	9-1/2″ (24.1 cm)
27-424	HIBBS Chisel	straight, 5/8″ (1.6 cm)	9-1/2″ (24.1 cm)
27-426	HIBBS Chisel	straight, 3/4″ (1.9 cm)	9-1/2″ (24.1 cm)
27-426C	HIBBS Chisel	curved, 3/4″ (1.9 cm)	9-1/2″ (24.1 cm)
27-427	HIBBS Chisel	straight, 7/8″ (2.2 cm)	9-1/2″ (24.1 cm)
27-428	HIBBS Chisel	straight, 1″ (2.5 cm)	9-1/2″ (24.1 cm)
27-432	HIBBS Chisel	straight, 1-1/2″ (3.8 cm)	9-1/2″ (24.1 cm)
27-458	HIBBS Gouge	straight, 1/4″ (.64 cm)	9-3/4″ (24.8 cm)
27-458C	HIBBS Gouge	curved, 1/4″ (.64 cm)	9-3/4″ (24.8 cm)
27-460	HIBBS Gouge	straight, 3/8″ (.95 cm)	9-3/4″ (24.8 cm)
27-460C	HIBBS Gouge	curved, 3/8″ (.95 cm)	9-3/4″ (24.8 cm)
27-462	HIBBS Gouge	straight, 1/2″ (1.3 cm)	9-3/4″ (24.8 cm)
27-462C	HIBBS Gouge	curved, 1/2″ (1.3 cm)	9-3/4″ (24.8 cm)
27-464C	HIBBS Gouge	curved, 5/8″ (1.6 cm)	9-3/4″ (24.8 cm)
27-466	HIBBS Gouge	straight, 3/4″ (1.9 cm)	9-3/4″ (24.8 cm)
27-466C	HIBBS Gouge	curved, 3/4″ (1.9 cm)	9-3/4″ (24.8 cm)
27-468	HIBBS Gouge	straight, 1″ (2.5 cm)	9-3/4″ (24.8 cm)



27-460



27-466C

Smith-Peterson Gouges

REF	Description	Type	Length
27-549	SMITH-PETERSON Gouge	straight, 1/4″ (.64 cm)	8″ (20.3 cm)
27-550	SMITH-PETERSON Gouge	straight, 3/8″ (.95 cm)	8″ (20.3 cm)
27-551	SMITH-PETERSON Gouge	straight, 1/2″ (1.3 cm)	8″ (20.3 cm)
27-553	SMITH-PETERSON Gouge	straight, 5/8″ (1.6 cm)	8″ (20.3 cm)
27-554	SMITH-PETERSON Gouge	straight, 3/4″ (1.9 cm)	8″ (20.3 cm)
27-556	SMITH-PETERSON Gouge	straight, 1″ (2.5 cm)	8″ (20.3 cm)
27-558	SMITH-PETERSON Gouge	straight, 1-1/4″ (3.2 cm)	8″ (20.3 cm)



27-553

Mallets

REF	Description	Type	Length
19-790	GERZOG Mallet	head 8 oz. (227 g) lead filled with stainless steel jacket	7-1/2" (19.1 cm)
19-792	LUCAE Mallet	head 9 oz. (255 g) solid stainless steel head 1" (2.5 cm) diameter	7-3/4" (19.7 cm)
19-793	MILTEX Mallet	lightweight 7.5 oz. (213 g), stainless steel head 1" (2.5 cm) diameter, with 2 replaceable nylon caps	7-1/2" (19.1 cm)
19-794	MILTEX Mallet	lightweight 9 oz. (255 g), stainless steel head 1" (2.5 cm) diameter, with one stainless steel face & one replaceable nylon cap	7-1/2" (19.1 cm)
19-795	Nylon Cap Replacement	fits 19-793 & 19-794 Mallets	-



19-790



19-792



19-793



19-794

Mallets

REF	Description	Type	Length
19-796	MEAD Mallet	head 8 oz. (227 g) with 2 replaceable nylon caps	7-1/2" (19.1 cm)
19-797	Nylon Cap Replacement	fits 19-796 Mallet	-
27-660	MILTEX Mallet	head 16 oz. (454 g) solid stainless steel	11" (27.9 cm)
27-662	MILTEX Mallet	head 32 oz. (908 g) solid stainless steel	11" (27.9 cm)
PM-805*	FOWLER Aluminum Mallet	head 10 oz. (284 g) 1-1/2" (38 mm) diameter	7-3/4" (19.7 cm)

* PADGETT INSTRUMENTS® By Miltex®



19-796 **27-660** **27-662** **PM-805**

Rasps & Bone Files

REF	Description	Type	Length
21-360	GALLAHER Rasp	straight, coarse teeth	7-1/2" (19.1 cm)
21-368	FOMON Rasp	double ended, 4-sided, fine & coarse, flat & convex	8-1/4" (21 cm)
21-369	FOMON Rasp	double ended, coarse teeth, flat & convex	8-1/4" (21 cm)
21-370	FOMON Rasp	double ended, fine teeth, flat & convex	8-1/4" (21 cm)
27-700	PUTTI Bone Rasp	flat ends, one side curved on flat, other side curved sideways	10-1/2" (26.7 cm)
27-702	PUTTI Bone Rasp	round and half-round tapered curved ends	12" (30.5 cm)
27-703	Bone File	bayonet shank, half-round blade 3-1/2" (8.9 cm) x 1/2" (1.3 cm)	9-3/4" (24.8 cm)

Please refer to page 158 for more rasp and bone file patterns



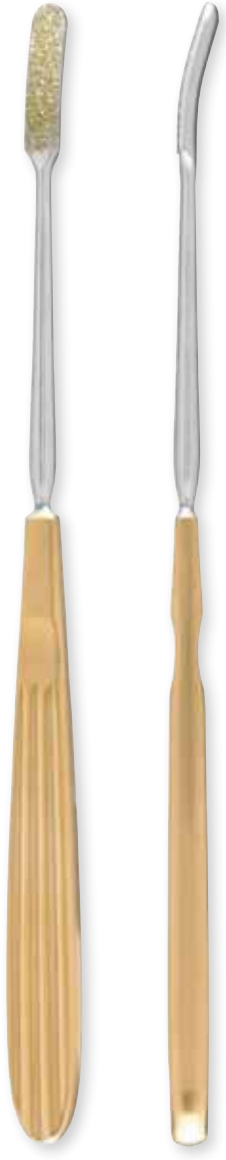
21-360 21-368 21-369 21-370 27-700 27-702 27-703

Rasps & Bone Files

REF	Description	Style	Tip	Type	Length
21-392DC	PEET (COTTLE) Rasp	finishing rasp	straight	Diamond Coated	7-1/2″ (19 cm)
21-393DC	PEET (COTTLE) Rasp	finishing rasp	curved	Diamond Coated	7-1/2″ (19 cm)
21-394TC	GLABELLA Rasp	backward cutting	No. 3 Fine grit, 5.5 mm x 10 mm radius tip	Carb-N-Sert	8-1/4″ (21 cm)



21-392DC



21-393DC



21-394TC

Bone Files

REF	Description	Type	Length
40-1370	Bone File	double end no. 10 pattern, plain serrations	7" (17.8 cm)
40-1371	Bone File	double end no. 33 pattern, plain serrations	7" (17.8 cm)
40-1375	Bone File (MILLER)	double end no. 64 pattern, plain serrations	7" (17.8 cm)
40-1380	Bone File (MILLER)	double end no. 45 pattern, plain serrations	7" (17.8 cm)
40-1381	Bone File (HOWARD)	double end no. 12 pattern, plain serrations	7" (17.8 cm)
40-1382	Bone File (HOWARD)	double end no. 12A pattern, one end plain, other end cross serrated	7" (17.8 cm)
40-1385	Bone File (HOWARD)	double end no. 12CA BELL pattern, cross serrations	7" (17.8 cm)
40-2800	POLOKOFF Bone File	double end, narrow pattern (POL-1)	7-1/4" (18.4 cm)



40-1370 40-1371 40-1375 40-1380 40-1381 40-1382 40-1385 40-2800

Elevators & Periosteals

REF	Description	Type	Length
18-1968	FREER Elevator	double end sharp and blunt blades, 5 mm wide	7″ (17.8 cm)
20-230	PIERCE Double End Elevator	with right and left blades	8-1/2″ (21.6 cm)
21-60	COTTLE Septum Elevator	double end, graduated in cm	9″ (22.9 cm)
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)
21-64	JOSEPH Periosteal Elevator	strong curve, 6.5 mm	7″ (17.8 cm)
21-68	FOMON Periosteal Elevator	slightly curved blade, 4.5 mm wide, standard pattern	6-1/2″ (16.5 cm)
21-72	COTTLE Skin Elevator	slightly curved blade, 9 mm wide	7-1/2″ (19.1 cm)
25-28	SEDILLOT Periosteal Elevator	blade 17 mm wide	7-1/2″ (19.1 cm)



18-1968 20-230 21-60 21-62 21-63 21-64 21-68 21-72 25-28

Periosteal Elevators

REF	Description	Type	Length
26-1410	LANGENBECK Periosteal Elevator	narrow model, 7 mm wide blunt blade	7-1/2" (19.1 cm)
26-1412	LANGENBECK Periosteal Elevator	wide model, 17 mm wide sharp blade	7-1/2" (19.1 cm)
26-1430	ADSON Periosteal Elevator	chisel edge, straight, 8mm wide	6-1/2" (16.5 cm)
26-1432	ADSON Periosteal Elevator	blunt, curved, 6 mm wide	6-1/2" (16.5 cm)
26-1434	ADSON Periosteal Elevator	semi-sharp, curved, 7 mm wide	6-1/2" (16.5 cm)
26-1436	ADSON Periosteal Elevator	semi-sharp, straight, 6 mm wide	6-1/2" (16.5 cm)
27-744	SAYRE Periosteal Elevator	one straight blunt & one curved sharp end	6-3/4" (17.1 cm)
27-746	SAYRE Periosteal Elevator	one straight blunt & one curved blunt end	6-3/4" (17.1 cm)



26-1412

26-1410 26-1430 26-1432 26-1434 26-1436 27-744 27-746

Periosteal Elevators

REF	Description	Type	Length
27-747	CHANDLER Bone Elevator	blade 1/2″ (1.3 cm) tapering to 5/16″ (.79 cm)	7-1/2″ (19.1 cm)
27-748	CHANDLER Bone Elevator	blade 3/4″ (1.9 cm) tapering to 1/2″ (1.3 cm)	8″ (20.3 cm)
27-749	CHANDLER Bone Elevator	blade 1″ (2.5 cm) tapering to 11/16″ (1.7 cm)	9-1/4″ (23.5 cm)
27-750	CHANDLER Bone Elevator	blade 1-1/4″ (3.2 cm) tapering to 3/4″ (1.9 cm)	10″ (25.4 cm)
27-752	CREGO Periosteal Elevator	slightly curved blade 7 mm	8″ (20.3 cm)
27-753	CREGO Periosteal Elevator	fully curved blade 7 mm	8″ (20.3 cm)
27-754	CREGO Periosteal Elevator	fully curved blade 14 mm	8″ (20.3 cm)



27-747
27-748



27-749



27-750



27-752



27-753



27-754

Periosteal Elevators

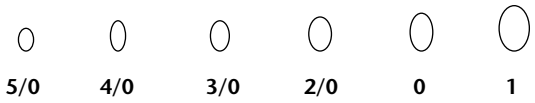
REF	Description	Type	Length
27-820	KEY Periosteal Elevator	1/4" (.64 cm) wide	7″ (17.8 cm)
27-821	KEY Periosteal Elevator	3/8" (.95 cm) wide	7-1/2″ (19.1 cm)
27-822	KEY Periosteal Elevator	1/2" (1.3 cm) wide	7-1/2″ (19.1 cm)
27-824	KEY Periosteal Elevator	3/4" (1.9 cm) wide	8″ (20.3 cm)
27-826	KEY Periosteal Elevator	1" (2.5 cm) wide	8-1/4″ (21 cm)
73-62	No. 7 Wax Spatula	-	-
73-64	No. 7A Wax Spatula	small end with one flat side	-
73-66	No. 7 Wax Spatula, long	-	-
73-78	No. 7 Cement Spatula	-	-
DELS23	SELDIN Periosteal Elevator	double end, slightly curved blades, 10 mm and 13 mm wide	7-3/4″ (19.7 cm)

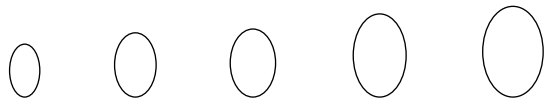


27-820 **27-821** **27-822** **27-824 to 27-826** **73-62** **73-64** **73-66** **73-78** **DELS23**

Bone Curettes

REF	Description	Type	Length
19-721	COBB Curette	straight, oval cup, Size 3/0	11″ (27.9cm)
19-722	COBB Curette	straight, oval cup, Size 2/0	11″ (27.9cm)
19-723	COBB Curette	straight, oval cup, Size 0	11″ (27.9cm)
19-724	COBB Curette	straight, oval cup, Size 1	11″ (27.9cm)
19-725	COBB Curette	straight, oval cup, Size 2	11″ (27.9cm)
19-726	COBB Curette	straight, oval cup, Size 3	11″ (27.9cm)
19-727	COBB Curette	straight, oval cup, Size 4	11″ (27.9cm)
19-728	COBB Curette	straight, oval cup, Size 5	11″ (27.9cm)
19-729	COBB Curette	straight, oval cup, Size 6	11″ (27.9cm)
19-737	COBB Curette	angled, oval cup, Size 3/0	11″ (27.9cm)
19-738	COBB Curette	angled, oval cup, Size 2/0	11″ (27.9cm)
19-730	COBB Curette	angled, oval cup, Size 0	11″ (27.9cm)
19-731	COBB Curette	angled, oval cup, Size 1	11″ (27.9cm)
19-732	COBB Curette	angled, oval cup, Size 2	11″ (27.9cm)
19-733	COBB Curette	angled, oval cup, Size 3	11″ (27.9cm)
19-734	COBB Curette	angled, oval cup, Size 4	11″ (27.9cm)
19-735	COBB Curette	angled, oval cup, Size 5	11″ (27.9cm)
19-736	COBB Curette	angled, oval cup, Size 6	11″ (27.9cm)
26-1739	SPRATT Curette	angled, oval cup, Size 5/0	9″ (22.9cm)
26-1738	SPRATT Curette	angled, oval cup, Size 4/0	9″ (22.9cm)
26-1737	SPRATT Curette	angled, oval cup, Size 3/0	9″ (22.9cm)
26-1728	SPRATT Curette	angled, oval cup, Size 00	9″ (22.9cm)
26-1729	SPRATT Curette	angled, oval cup, Size 0	9″ (22.9cm)
26-1730	SPRATT Curette	angled, oval cup, Size 1	9″ (22.9cm)
26-1731	SPRATT Curette	angled, oval cup, Size 2	9″ (22.9cm)
26-1732	SPRATT Curette	angled, oval cup, Size 3	9″ (22.9cm)
26-1733	SPRATT Curette	angled, oval cup, Size 4	9″ (22.9cm)
26-1734	SPRATT Curette	angled, oval cup, Size 5	9″ (22.9cm)
26-1735	SPRATT Curette	angled, oval cup, Size 6	9″ (22.9cm)



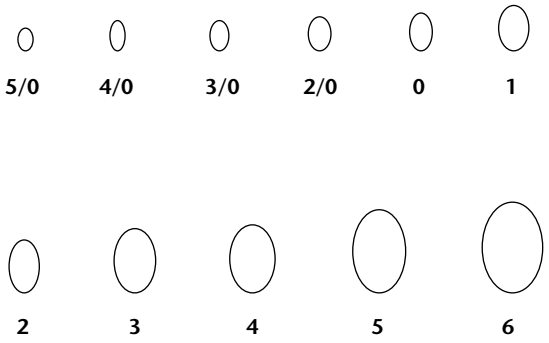




19-727 19-734 26-1729

Bone Curettes

REF	Description	Type	Length
19-700	SPRATT (Brun) Curette	oval cup, size 5/0	6-3/4″ (17.1 cm)
19-702	SPRATT (Brun) Curette	oval cup, size 4/0	6-3/4″ (17.1 cm)
19-704	SPRATT (Brun) Curette	oval cup, size 3/0	6-3/4″ (17.1 cm)
19-706	SPRATT (Brun) Curette	oval cup, size 2/0	6-3/4″ (17.1 cm)
19-708	SPRATT (Brun) Curette	oval cup, size 0	6-3/4″ (17.1 cm)
19-710	SPRATT (Brun) Curette	oval cup, size 1	6-3/4″ (17.1 cm)
19-712	SPRATT (Brun) Curette	oval cup, size 2	6-3/4″ (17.1 cm)
19-714	SPRATT (Brun) Curette	oval cup, size 3	6-3/4″ (17.1 cm)
19-716	SPRATT (Brun) Curette	oval cup, size 4	6-3/4″ (17.1 cm)
19-718	SPRATT (Brun) Curette	oval cup, size 5	6-3/4″ (17.1 cm)
19-720	SPRATT (Brun) Curette	oval cup, size 6	6-3/4″ (17.1 cm)
26-1627	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 3/0	9″ (22.9 cm)
26-1628	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 2/0	9″ (22.9 cm)
26-1629	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 0	9″ (22.9 cm)
26-1630	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 1	9″ (22.9 cm)
26-1632	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 2	9″ (22.9 cm)
26-1634	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 3	9″ (22.9 cm)
26-1636	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 4	9″ (22.9 cm)
26-1638	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 5	9″ (22.9 cm)
26-1640	HIBBS SPRATT Spinal Fusion Curette	oval cup, size 6	9″ (22.9 cm)





19-700 to
19-720



26-1627 to
26-1640

Bone Curettes

REF	Description	Type	Length
21-321	MARTINI Bone Curette	double ended, 4 mm & 5 mm round cups	5-1/2" (14 cm)
21-322	WILLIGER Bone Curette	double ended, 3 mm & 4 mm oval cups	5-1/2" (14 cm)
26-1650	BRUN Bone Curette	round cup, size 1, 7 mm	6-3/4" (17.1 cm)
26-1652	BRUN Bone Curette	round cup, size 2, 8 mm	6-3/4" (17.1 cm)
26-1654	BRUN Bone Curette	round cup, size 3, 9 mm	6-3/4" (17.1 cm)
26-1656	BRUN Bone Curette	round cup, size 4, 11 mm	6-3/4" (17.1 cm)
26-1658	BRUN Bone Curette	round cup, size 5, 12 mm	6-3/4" (17.1 cm)
26-1660	BRUN Bone Curette	round cup, size 6, 14 mm	6-3/4" (17.1 cm)
27-83	HATT Spoon	10 mm oval cup	9" (22.9cm)
27-84	HATT Spoon	15 mm oval cup	9" (22.9cm)
27-85	HATT Spoon	20 mm oval cup	9" (22.9cm)
27-920	VOLKMAN Double Ended Curette	long, oval cup 5 x 10 mm & 6 x 20 mm	5-1/2" (14 cm)
27-924	VOLKMAN Double Ended Curette	long, oval cup 6 x 10 mm & round cup 10 mm diameter	5" (12.7 cm)
27-926	VOLKMAN Double Ended Curette	long, oval cup 8 x 14 mm & round cup 10 mm diameter	6-1/2" (16.5 cm)
27-928	VOLKMAN Double Ended Curette	long, oval cup 9 x 18 mm & round cup 11 mm diameter	8" (20.3 cm)



21-321 | 21-322 | 26-1650 to 26-1658 | 26-1660 | 27-83 to 27-85 | 27-920 to 27-928

Cartilage & Tendon Instruments

REF	Description	Type	Length
27-970	SMILLIE Meniscus Knife	straight chisel blade	7-1/4" (18.4 cm)
27-972	SMILLIE Meniscus Knife	curved left	7" (17.8 cm)
27-974	SMILLIE Meniscus Knife	curved right	7" (17.8 cm)
27-980	LOWE-BRECK Cartilage Knife	straight edge with guards	10-1/2" (26.7 cm)
27-984	DOWNING Cartilage Knife	concave edge with guards	10" (25.4 cm)
27-990	MARTIN Cartilage Clamp	-	7" (17.8 cm)
27-992	MARTIN Cartilage Clamp	-	8" (20.3 cm)



27-970



27-972
27-974



27-980



27-984



27-990
27-992

Cartilage & Tendon Instruments

REF	Description	Type	Length
27-1000	MARTIN Cartilage Scissors	serrated non-slip cutting edges	8" (20.3 cm)
27-1016	MILTEX Tendon Pulling Forceps	curved shaft, alligator type	5" (12.7 cm)
40-1800	LOCKE Phalangeal Clamp	-	6" (15.2 cm)
40-1802	ROSENBLOOM Sesamoidectomy Clamp	-	7" (17.8 cm)



22-1000



27-1016



40-1800



40-1802

Cartilage & Tendon Instruments

REF	Description	Type	Length
PM-2211	GUNTER Lower Lateral Morselizer	tungsten carbide jaws with semi-sharp longitudinal ridges	7" (17.8 cm)
PM-2215	GORNEY Septal Morselizer	tungsten carbide jaws, 1- serrated with pyramid shaped teeth & 1- with semi-sharp longitudinal ridges, double action, angled handles, with smooth clip	8-1/2" (21.6 cm)
PM-2216	GUNTER Lower Lateral Morselizer	tungsten carbide serrated jaws, 1- smooth & 1- serrated with pyramid shaped teeth	7" (17.8 cm)
PM-3819	Lower Lateral Cartilage Morselizer	1- smooth jaw and 1- serrated jaw with pyramid-shaped teeth, 4.3 mm x 9.5 mm	7-1/2" (19.1 cm)
PM-3830	PADGETT-RUBIN Morselizer	serrated long jaws with pyramid shaped teeth, double action, angled handles, with clip, 16 mm x 5 mm	8-1/4" (21 cm)
PM-3831	Replacement Slip On Clip	fits PADGETT-RUBIN Morselizer PM-3830	-

PADGETT INSTRUMENTS® By Miltex

PM-2211
PM-2216

PM-2215



PM-3819



PM-3830

Rongeurs

REF	Description	Type	Length
19-804	HARTMAN Rongeur	strong curve, 4 x 12 mm bite	5-3/4" (14.6 cm)
19-808	BANE Rongeur	slight curve, 5 x 15 mm bite tapered to 7 mm	7" (17.8 cm)
22-480	DEAN (BLUMENTHAL) Rongeur	jaws at 30° angle, 3 x 10 mm bite tapered to 4 mm	6" (15.2 cm)
22-481	BLUMENTHAL Oral Surgery Rongeur	jaws at 30° angle, 3 x 8 mm bite tapered to 4 mm	7" (17.8 cm)
22-482	DEAN (BLUMENTHAL) Oral Surgery Rongeur	jaws at 90° angle, 3 x 10 mm bite tapered to 4 mm	6" (15.2 cm)
22-484	MEAD Rongeur	slightly angled jaws, 4 x 12 mm bite	6-1/2" (16.5 cm)
22D-420	BLUMENTHAL Rongeur	jaws at 45° angle, 3 x 12 mm bite	6" (15.2 cm)
26-190	LUER Rongeur	straight jaws, 8 mm bite	7" (17.8 cm)
26-192	LUER Rongeur	curved jaws, 8 mm bite	7" (17.8 cm)



19-804



19-808



22-480
22-481

22-482



22-484



22D-420



26-190



26-192

Rongeurs

REF	Description	Type	Length
27-1295	KLEINERT-KUTZ Rongeur	slightly curved jaws 2 x 13 mm	6″ (15.2 cm)
27-1297	KLEINERT-KUTZ Synovectomy Rongeur	full curved jaws 3 x 8 mm	6″ (15.2 cm)
19-840	ZAUFEL-JANSEN Rongeur	double action, slightly curved jaws 4 mm wide	7″ (17.8 cm)
19-844	BEYER Rongeur	double action, slightly curved jaws 3 mm wide	7″ (17.8 cm)
19-848	RUSKIN Rongeur	double action, straight, 3 mm bite jaws	6″ (15.2 cm)
19-849	RUSKIN Rongeur	double action, curved, 3 mm bite jaws	6″ (15.2 cm)
19-850	RUSKIN Rongeur	double action, straight, 5 mm bite jaws	7-1/4″ (18.4 cm)
19-852	RUSKIN Rongeur	double action, curved, 5 mm bite jaws	7-1/4″ (18.4 cm)
19-854	RUSKIN Rongeur	double action, straight, 7 mm bite jaws	7-1/4″ (18.4 cm)
19-856	RUSKIN Rongeur	double action, curved, 7 mm bite jaws	7-1/4″ (18.4 cm)



27-1295
27-1297



19-840



19-844



19-848 to
19-856



19-849
19-852
19-856



3 mm 5 mm 7 mm
bite jaws

Rongeurs

REF	Description	Type	Length
25-454	STILLE-LUER Rongeur	straight jaws 9 x 15 mm	8-3/4″ (22.2 cm)
25-456	STILLE-LUER Rongeur	curved jaws 9 x 15 mm	8-3/4″ (22.2 cm)
25-458	STILLE-LUER Duckbill Rongeur	angled on side jaws 6 x 12 mm	9″ (22.9 cm)
25-510	LEKSELL Laminectomy Rongeur	standard curve, 3 mm bite jaws	9-3/4″ (24.8 cm)
25-511	LEKSELL Laminectomy Rongeur	standard curve, 8 mm bite jaws	9-3/4″ (24.8 cm)
26-264	ECHLIN Duckbill Rongeur	2 mm bite	9″ (22.9 cm)
26-265	ECHLIN Duckbill Rongeur	3 mm bite	9″ (22.9 cm)
26-266	ECHLIN Duckbill Rongeur	4 mm bite	9″ (22.9 cm)



25-454



25-456



25-458



25-510
25-511



26-264
26-265



26-266

Rongeurs

REF	Description	Type	Length
17-4800	Micro FRIEDMAN Rongeur	straight, 1.3 mm wide jaws, very delicate	5-1/2″ (14 cm)
17-4801	Micro FRIEDMAN Rongeur	curved, 1.3 mm wide jaws, very delicate	5-1/2″ (14 cm)
17D-4802	Micro FRIEDMAN Rongeur	90° angle, 1.3 mm wide jaws, very delicate	5-1/2″ (14 cm)
18-1990	KERRISON Rongeur	size 0, 3.5 mm bite	3″ (7.6 cm)
18-1992	KERRISON Rongeur	size 1, 4.0 mm bite	3″ (7.6 cm)
18-1994	KERRISON Rongeur	size 2, 4.5 mm bite	3″ (7.6 cm)
18-1996	KERRISON Rongeur	size 3, 5.0 mm bite	3″ (7.6 cm)
19-1230	LEMPERT Rongeur	straight, 2.5 mm bite, delicate	6-1/4″ (15.9 cm)
19-1232	LEMPERT Rongeur	curved, 2.5 mm bite, delicate	6-1/4″ (15.9 cm)



17-4800



17-4801



17D-4802



18-1990 to 18-1996



19-1230 19-1232

Bone Cutting Forceps

REF	Description	Type	Length
21-626	RUSKIN Bone Cutting Forceps	straight, standard blades	5-3/4" (14.6 cm)
21-627	RUSKIN Bone Cutting Forceps	angled, standard blades	5-3/4" (14.6 cm)
21-628	RUSKIN Bone Cutting Forceps	straight, delicate blades	7-1/2" (19.1 cm)
25-384	RUSKIN Bone Cutting Forceps	straight, standard blades	7-1/2" (19.1 cm)
25-385	RUSKIN Bone Cutting Forceps	angled, standard blades	7-1/2" (19.1 cm)



21-626
21-627



21-628



25-384



25-385

Bone Cutting Forceps

REF	Description	Type	Length
25-390	STILLE-LISTON Bone Cutting Forceps	straight	10-3/4″ (27.3 cm)
25-392	STILLE-LISTON Bone Cutting Forceps	curved	10-3/4″ (27.3 cm)
25-396	STILLE-HORSLEY Bone Cutting Forceps	angled blades	10-1/2″ (26.7 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)
27-1394	LISTON Bone Cutting Forceps	straight	8-1/2″ (21.6 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)
27-1404	LISTON Bone Cutting Forceps	angled on flat	8-1/2″ (21.6 cm)



25-390



25-392



25-396



27-1390



27-1392
27-1394



27-1400 to
27-1404

Bone Saws

REF	Description	Type	Length
26-119	GIGLI Saw Handle	standard pattern, T-shaped, turnable	-
26-120	GIGLI-STRULLY Saw Handle	T-shaped, rigid with snap lock	-
26-122	GIGLI-STRULLY Saw Handle	T-shaped, turnable, with snap lock	-
26-124	GIGLI-STRULLY Saw Handle	loop grip, rigid, with snap lock	-
26-130	GIGLI Saw	standard twisted wire type	12″ (30.5 cm)
26-132	GIGLI Saw	standard twisted wire type	20″ (50.8 cm)
26-134	GIGLI Saw	standard twisted wire type	30″ (76.2 cm)
26-138	BAILEY-GIGLI Saw Guide	flexible	12″ (30.5 cm)
26-140	MICHELE Trephine	3/16″ (.47 cm) O.D. graduated 1/4″ (.64 cm) to 1-1/4″ (3.2 cm)	6-1/4″ (15.9 cm) shaft
26-141	MICHELE Trephine	7/32″ (.56 cm) O.D. graduated 1/4″ (.64 cm) to 1-1/4″ (3.2 cm)	6-1/4″ (15.9 cm) shaft
26-142	MICHELE Trephine	5/16″ (.79 cm) O.D. graduated 1/4″ (.64 cm) to 1-1/4″ (3.2 cm)	6-1/4″ (15.9 cm) shaft
26-143	Marker for MICHELE Trephine	fits 26-142	-



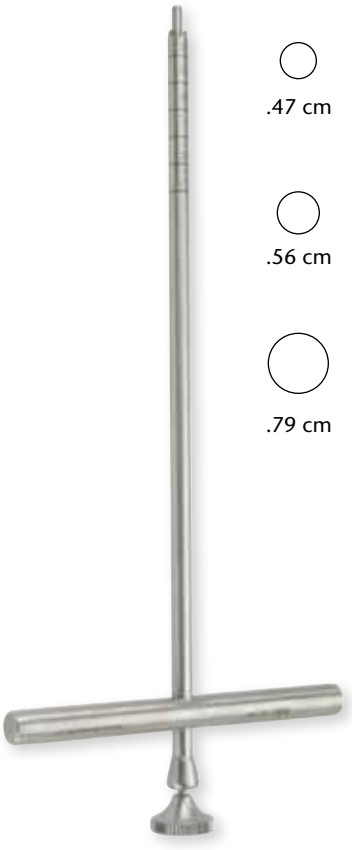
26-119



26-120



26-138



26-140 to 26-143



26-124



26-130 to 26-134

Bone Saws

REF	Description	Type	Length
27-1550	LANGENBECK Metacarpal Saw	blade 4-1/2" (11.4cm)	9-1/4" (23.5 cm)
27-1560	SATTERLEE Bone Saw	light metal handle with stainless steel 9" (22.9 cm) blade	12" (30.5 cm)
27-1561	Blade replacement	fits 27-1560 SATTERLEE Bone Saw	9" (22.9 cm)
27-1564	CHARRIERE Bone Saw	with one each 12 mm & 18 mm stainless steel blades	14" (35.6 cm)
27-1564-12	Blade replacement	fits 27-1564 CHARRIERE Bone Saw, stainless steel	12 mm
27-1564-18	Blade replacement	fits 27-1564 CHARRIERE Bone Saw, stainless steel	18 mm



27-1550



27-1560

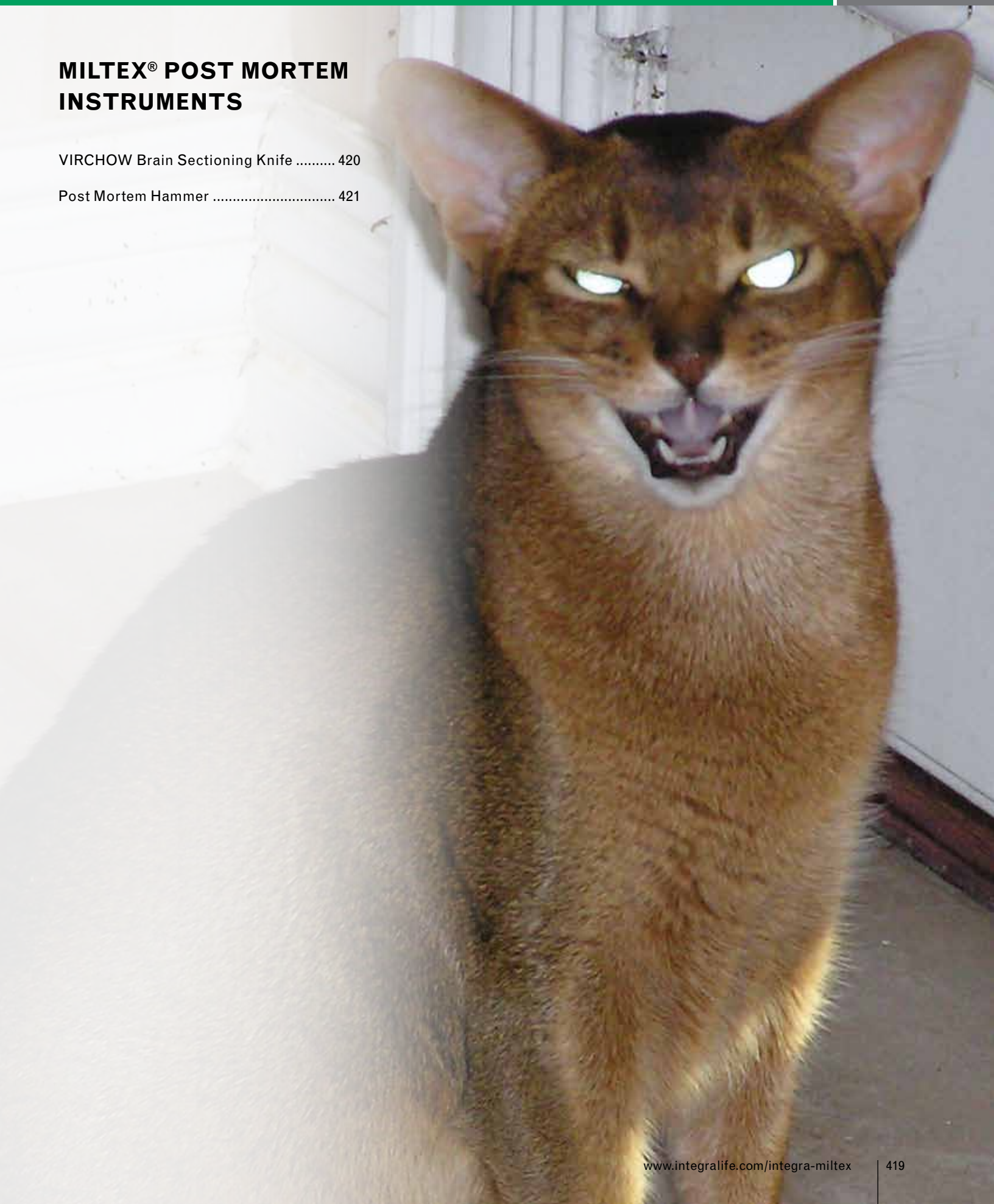


27-1564

MILTEX® POST MORTEM INSTRUMENTS

VIRCHOW Brain Sectioning Knife 420

Post Mortem Hammer 421



Post Mortem

REF	Description	Tips/Blade	Length
34-50	VIRCHOW Brain Sectioning Knife	blade 160 mm x 20 mm, double edge	-
34-52	VIRCHOW Brain Sectioning Knife	blade 200 mm x 30 mm, double edge	-
34-80	Dissecting Scissors	straight, two sharp points, economy grade	4-1/2" (11.4 cm)
34-92	RICHTER Dissecting Scissors	angular blades, one sharp & one blunt point	5" (12.7 cm)
34-98	Enterotomy Scissors	hook blade	8-1/4" (21 cm)
30-2605	DUBOIS Scissors	curved, extra heavy pattern, blunt points	10-1/2" (26.7 cm)



34-50
34-52

34-80

34-92

34-98

30-2605

Post Mortem

REF	Description	Tips/Blades	Length
25-362	STILLE Pattern Rib Shears	-	8-1/2″ (21.6 cm)
27-1390	LISTON Bone Cutting Forceps	straight	5-1/2″ (14 cm)
34-210	VIRCHOW Skull Breaker	blade 1/2″ (1.3 cm) wide	3″ (7.6 cm)
34-220	Post Mortem Hammer	with hook handle	9-1/2″ (24.1 cm)
34-250	Dissecting Tenaculum	sharp point	6-1/2″ (16.5 cm)
34-256	Aneurysm Needle	blunt tip with eye	6-1/2″ (16.5 cm)



25-362 27-1390 34-210 34-220 34-250 34-256

MILTEX® SPAY, NEUTER & CASTRATION INSTRUMENTS

Canine and Feline Spay Kit.....424

Neuter and Emasculation Instruments.....425



Clinician Spotlight

The Shepherd Spay

It is 2:15 and the last surgery scheduled has begun. The day has been full of surprises, the surgery staff are late for their lunch breaks, I am tired and my feet ache. The radio is blasting yet I can still hear my stomach gurgling—afternoon appointments start in 45 minutes.

I had only one more spay to go - an obese German Shepherd. As I curse myself for making an exception to the hospital's policy of "no in-heat spays," and recommending a gastropexy while I am at it, I proceed. I clamp with Rochester-Carmalt forceps then double ligate each pedicle and finish the spay. In the seconds it takes to obtain and open the suture to start the gastropexy I turn back to a belly full of blood. A minute, two packs of lap sponges, 150 heart beats and 3 additional Rochester-Carmalt clamps later, I breathe a sigh of relief. I have yet to find out what was bleeding, but I have quickly isolated every pedicle, grasped it, clamped it and all bleeding has ceased.

In my head, I run through the method taught in vet school "triple clamp, double ligate, grasp pedicle with hemostats to monitor for hemorrhage as the final clamp is released." The final step I had skipped in my hurry to finish the spay. Now I diligently grasp each pedicle with mosquito hemostats and release the Rochester-Carmalt forceps that may be currently preventing the poor dog's exsanguination. The guilty vessel is isolated, transfixed and I move on.

Hours later, she has recovered well, is wagging her tail and I congratulate myself. Not for staying calm when faced with a belly full of blood, or managing to be on time for my 3pm appointment—but instead for something I had done months before. I replaced that spay pack that had long passed its prime. You know the one; it has the Rochester-Carmalt forceps with the loose ratchets, dull Metzenbaum scissors and Olsen-Hegar needle drivers that no longer consistently grasp suture. Because, in that minute when I faltered in my surgical technique, I knew I could count on my Miltex® Instruments.

By Laura Putnam, DVM



Otis belongs to Dr. Laura Putnam

Canine & Feline Spay Kit

CANINE REF# 6810

Set includes:

Qty.	REF	Description	Length	
1	4-7	#3 Scalpel Handle	-	(1)
1	5-124	MAYO Scissors	6-3/4″ (17.1 cm) straight	(2)
1	6008	SNOOK Ovariectomy Hook	-	(3)
2	7-38	KELLY Hemostat	5-1/2″ (14 cm) curved	(4)
1	5-182	METZENBAUM Scissors	7″ (17.8 cm) curved	(5)
1	6-44	Tissue Forceps	5-1/2″ (14 cm) 1x2 teeth	(6)
1	16-6	ALLIS Tissue Forceps	6″ (15.2 cm) 4x5 teeth	(7)
4	7-504	BACKHAUS Towel Clamps	3-1/2″ (8.9 cm)	(8)
1	6-124	BROWN-ADSON Forceps	4-3/4″ (12.1 cm) 7x7 teeth	(9)
1	8-16TC	OLSEN-HEGAR Needle Holder	6-1/2″ (16.5 cm)	(10)
2	7-4	HALSTED Mosquito Forceps	5″ (12.7 cm) curved	(11)
2	7-172	ROCHESTER-CARMALT Forceps	6-1/4″ (15.9 cm) curved	(12)
1	3-6815	Storage Cassette	15″ x 8-1/4″ x 1-1/4″	(13)

FELINE REF# 6820

Set includes:

Qty.	REF	Description	Length	
1	4-7	#3 Scalpel Handle	-	(1)
1	5-124	MAYO Scissors	6-3/4″ (17.1 cm) straight	(2)
1	6008	SNOOK Ovariectomy Hook	-	(3)
2	7-38	KELLY Hemostat	5-1/2″ (14 cm) curved	(4)
1	5-182	METZENBAUM Scissors	7″ (17.8 cm) curved	(5)
1	6-44	Tissue Forceps	5-1/2″ (14 cm) 1x2 teeth	(6)
1	16-6	ALLIS Tissue Forceps	6″ (15.2 cm) 4x5 teeth	(7)
4	7-504	BACKHAUS Towel Clamps	3-1/2″ (8.9 cm)	(8)
1	6-124	BROWN-ADSON Forceps	4-3/4″ (12.1 cm) 7x7 teeth	(9)
1	8-15TC	OLSEN-HEGAR Needle Holder	5-1/2″ (14 cm) (feline)	(10)
2	7-4	HALSTED Mosquito Forceps	5″ (12.7 cm) curved	(11)
2	7-172	ROCHESTER-CARMALT Forceps	6-1/4″ (15.9 cm) curved	(12)
1	3-6815	Storage Cassette	15″ x 8-1/4″ x 1-1/4″	(13)



6810
6820



Neuter & Emasculation Instruments

REF	Description	Type	Length
6000-SS	WHITE Improved Emasculator	double crush, stainless	12″ (30.5 cm)
6004	Small WHITE Emasculator	double crush	8″ (20.3 cm)
6001-CH	PLAIN Emasculator	chrome	12″ (30.5 cm)
6001-SS	PLAIN Emasculator	stainless	12″ (30.5 cm)
6003-CH	FRANK Emasculator	chrome	9″ (22.9 cm)
6003-SS	FRANK Emasculator	stainless	9″ (22.9 cm)
6006	COVAULT Ovariohysterectomy Hook	with probe tip	8-1/4″ (21 cm)
6008	SNOOK Ovariohysterectomy Hook	-	8″ (20.3 cm)
V96010	Emasculatome	with cord stop	9″ (22.9 cm)
V96011	Emasculatome	with cord stop	12″ (30.5 cm)
V96012	Emasculatome	with cord stop	14″ (35.5 cm)
V96014	REIMER Emasculator	-	-



6000-SS
6004



6001-CH
6001-SS



6003-CH
6003-SS



6006



6008



V96010
V96011
V96012

MILTEX® MEISTERHAND® INSTRUMENTS

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MeisterHand By Miltex

INTRODUCTION

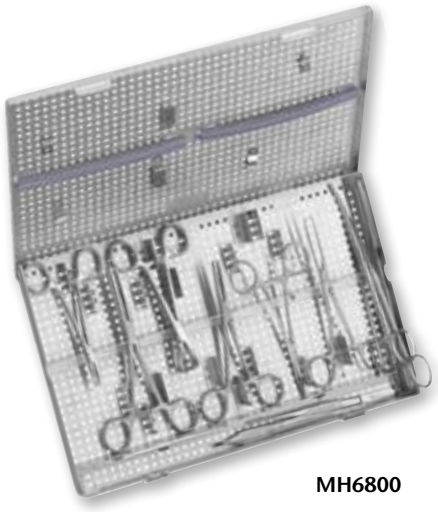
Meisterhand™ Instruments are expertly crafted from German surgical grade stainless steel to meet the very high standards demanded by the Hospital and Treatment Room clinical staff.

This advantageously priced product is ideal for cost containment while offering greater quality and value compared to instruments from any other source.

A wide range of General Instruments is included in the Meisterhand™ line as well as an extensive selection of Specialty Instrumentation, both manufactured with our unique matte finish, and ideal for a variety of surgical procedures and settings.

MeisterHand By Miltex

General Surgery Kit



MH6800

REF# MH6800 General Surgery Kit Includes

Qty.	REF	Description	Length
1	MH5-124	MAYO Scissors	6-3/4″ (17.1 cm) straight
1	MH4-7	#3 Scalpel Handle	-
1	MH6008	SNOOK Ovariectomy Hook	-
3	MH7-4	HALSTED Mosquito Forceps	5″ (12.7 cm) curved
2	MH7-36	KELLY Forceps	5-1/2″ (14 cm) straight
1	MH5-182	METZENBAUM Scissors	7″ (17.8 cm) curved
1	MH6-124	BROWN-ADSON Forceps	4-3/4″ (12.1 cm) 7x7 teeth
4	MH7-172	ROCHESTER-CARMALT Forceps	6-1/4″ (15.9 cm) curved
4	MH7-506	BACKHAUS Towel Clamps	5-1/4″ (13.3 cm)
1	8-15TC	OLSEN-HEGAR Needle Holder	5-1/2″ (14 cm)
1	3-6815	Storage Cassette	15″ x 8-1/4″ x 1-1/4″

Canine & Feline Spay Kit



MH6810
MH6820

CANINE REF# MH6810 FELINE REF# MH6820

Set includes:

Qty.	REF	Description	Length
1	MH4-7	#3 Scalpel Handle	-
1	MH5-124	MAYO Scissors	6-3/4″ (17.1 cm) straight
1	MH6008	SNOOK Ovariectomy Hook	-
2	MH7-38	KELLY Hemostat	5-1/2″ (14 cm) curved
1	MH5-182	METZENBAUM Scissors	7″ (17.8 cm) curved
1	MH6-44	Tissue Forceps	5-1/2″ (14 cm) 1x2 teeth
1	MH16-6	ALLIS Tissue Forceps	6″ (15.2 cm) 4x5 teeth
4	MH7-504	BACKHAUS Towel Clamps	4″ (10.2 cm)
1	MH6-124	BROWN-ADSON Forceps	4-3/4″ (12.1 cm) 7x7 teeth
1	8-16TC	OLSEN-HEGAR Needle Holder	6-1/2″ (16.5 cm) (canine)
	or 8-15TC	OLSEN-HEGAR Needle Holder	5-1/2″ (14 cm) (feline)
2	MH7-4	HALSTED Mosquito Forceps	5″ (12.7 cm) curved
2	MH7-172	ROCHESTER-CARMALT Forceps	6-1/4″ (15.9 cm) curved
1	3-6815	Storage Cassette	15″ x 8-1/4″ x 1-1/4″

Mayo Dissecting Scissors, Tungsten Carbide and SuperCut

REF	Description	Type	Length
MH5-120TC	MAYO Dissecting Scissors	straight, standard beveled blades, tungsten carbide blades	5-1/2″ (14 cm)
MH5-122TC	MAYO Dissecting Scissors	curved, standard beveled blades, tungsten carbide blades	5-1/2″ (14 cm)
MH5-124TC	MAYO Dissecting Scissors	straight, standard beveled blades, tungsten carbide blades	6-3/4″ (17.1 cm)
MH5-126TC	MAYO Dissecting Scissors	curved, standard beveled blades, tungsten carbide blades	6-3/4″ (17.1 cm)
MH5-128TC	MAYO Dissecting Scissors	straight, standard beveled blades, tungsten carbide blades	9″ (22.9 cm)
MH5-130TC	MAYO Dissecting Scissors	curved, standard beveled blades, tungsten carbide blades	9″ (22.9 cm)
MH5-SC-120	SuperCut MAYO Scissors	straight	5-1/2″ (14 cm)
MH5-SC-122	SuperCut MAYO Scissors	curved	5-1/2″ (14 cm)
MH5-SC-124	SuperCut MAYO Scissors	straight	6-3/4″ (17.1 cm)
MH5-SC-126	SuperCut MAYO Scissors	curved	6-3/4″ (17.1 cm)
MH5-SC-128	SuperCut MAYO Scissors	straight	9″ (22.9 cm)
MH5-SC-130	SuperCut MAYO Scissors	curved	9″ (22.9 cm)

*For easy identification, MeisterHand® SuperCut scissors have two black finger rings & tungsten carbide scissors have two gold-plated finger rings



MH5-120TC
MH5-124TC
MH5-128TC



MH5-122TC
MH5-126TC
MH5-130TC



MH5-SC-120
MH5-SC-124
MH5-SC-128



MH5-SC-122
MH5-SC-126
MH5-SC-130

Metzenbaum Scissors, Tungsten Carbide and SuperCut

REF	Description	Type	Tips	Length
MH5-179TC	METZENBAUM Scissors	straight, standard pattern, tungsten carbide blades	blunt	5-1/2" (14 cm)
MH5-180TC	METZENBAUM Scissors	curved, standard pattern, tungsten carbide blades	blunt	5-1/2" (14 cm)
MH5-182TC	METZENBAUM Scissors	curved, standard pattern, tungsten carbide blades	blunt	7" (17.8 cm)
MH5-182A-TC	METZENBAUM Scissors	curved, delicate pattern, tungsten carbide blades	blunt	7" (17.8 cm)
MH5-SC-180	SuperCut METZENBAUM Scissors	curved	blunt	5-1/2" (14 cm)
MH5-SC-182	SuperCut METZENBAUM Scissors	curved	blunt	7" (17.8 cm)

*For easy identification, MeisterHand® SuperCut scissors have two black finger rings & tungsten carbide scissors have two gold-plated finger rings



MH5-180TC

MH5-179TC



MH5-182TC



MH5-182ATC



MH5-SC-180

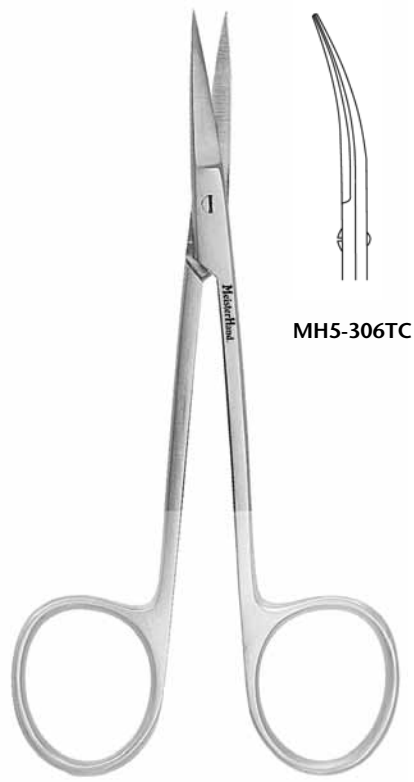


MH5-SC-182

Iris & Strabismus Scissors, Tungsten Carbide and SuperCut

REF	Description	Type	Length
MH5-304TC	Iris Scissors	straight, tungsten carbide blades	4-1/2" (11.4 cm)
MH5-SC-304	SuperCut Iris Scissors	straight	4-1/2" (11.4 cm)
MH5-306TC	Iris Scissors	curved, tungsten carbide blades	4-1/2" (11.4 cm)
MH5-SC-306	SuperCut Iris Scissors	curved	4-1/2" (11.4 cm)
MH5-312TC	Strabismus Scissors	straight, tungsten carbide blades	4-1/2" (11.4 cm)
MH5-314TC	Strabismus Scissors	curved, tungsten carbide blades	4-1/2" (11.4 cm)

*For easy identification, MeisterHand® SuperCut scissors have two black finger rings & tungsten carbide scissors have two gold-plated finger rings



MH5-306TC

MH5-304TC



MH5-SC-306

MH5-SC-304



MH5-314TC

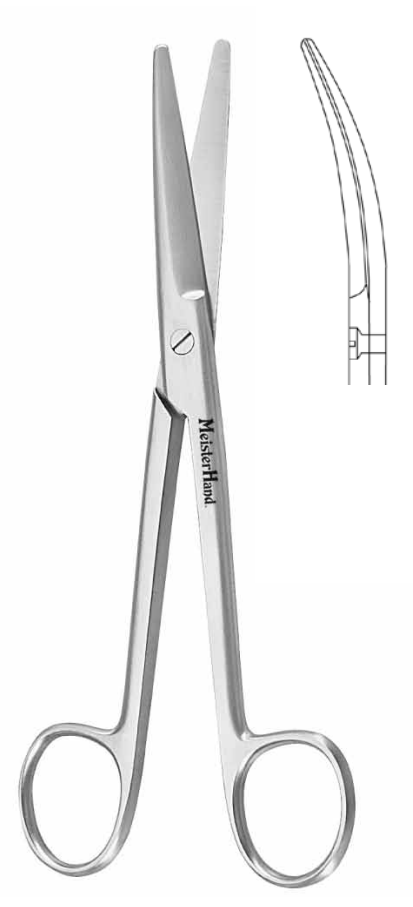
MH5-312TC

Mayo Dissecting Scissors

REF	Description	Type	Length
MH5-120	MAYO Dissecting Scissors	straight, standard beveled blades	5-1/2″ (14 cm)
MH5-122	MAYO Dissecting Scissors	curved, standard beveled blades	5-1/2″ (14 cm)
MH5-124	MAYO Dissecting Scissors	straight, standard beveled blades	6-3/4″ (17.1 cm)
MH5-126	MAYO Dissecting Scissors	curved, standard beveled blades	6-3/4″ (17.1 cm)
MH5-128	MAYO Dissecting Scissors	straight, standard beveled blades	9″ (22.9 cm)
MH5-130	MAYO Dissecting Scissors	curved, standard beveled blades	9″ (22.9 cm)



MH5-120
MH5-124
MH5-128



MH5-122
MH5-126
MH5-130

Metzenbaum Scissors

REF	Description	Type	Tips	Length
MH5-179	METZENBAUM (LAHEY) Scissors	standard pattern, straight	blunt	5-1/2″ (14 cm)
MH5-180	METZENBAUM (LAHEY) Scissors	standard pattern, curved	blunt	5-1/2″ (14 cm)
MH5-181	METZENBAUM Scissors	standard pattern, straight	blunt	7″ (17.8 cm)
MH5-182	METZENBAUM Scissors	standard pattern, curved	blunt	7″ (17.8 cm)
MH5-288	METZENBAUM Scissors	delicate pattern, curved	blunt	7″ (17.8 cm)



MH5-180

MH5-179



MH5-182

MH5-181



MH5-288

MeisterHand By Miltex

Operating Scissors

REF	Description	Type	Tips	Length
MH5-2	Standard Pattern Operating Scissors	straight	sharp/sharp	4-1/2″ (11.4 cm)
MH5-4	Standard Pattern Operating Scissors	straight	sharp/sharp	5″ (12.7 cm)
MH5-6	Standard Pattern Operating Scissors	straight	sharp/sharp	5-1/2″ (14 cm)
MH5-8	Standard Pattern Operating Scissors	straight	sharp/sharp	6-1/2″ (16.5 cm)
MH5-12	Standard Pattern Operating Scissors	straight	sharp/blunt	4-1/2″ (11.4 cm)
MH5-14	Standard Pattern Operating Scissors	straight	sharp/blunt	5″ (12.7 cm)
MH5-16	Standard Pattern Operating Scissors	straight	sharp/blunt	5-1/2″ (14 cm)
MH5-18	Standard Pattern Operating Scissors	straight	sharp/blunt	6-1/2″ (16.5 cm)
MH5-22	Standard Pattern Operating Scissors	straight	blunt/blunt	4-1/2″ (11.4 cm)
MH5-24	Standard Pattern Operating Scissors	straight	blunt/blunt	5″ (12.7 cm)
MH5-26	Standard Pattern Operating Scissors	straight	blunt/blunt	5-1/2″ (14 cm)
MH5-36	Standard Pattern Operating Scissors	curved	sharp/sharp	5-1/2″ (14 cm)
MH5-46	Standard Pattern Operating Scissors	curved	sharp/blunt	5-1/2″ (14 cm)
MH5-56	Standard Pattern Operating Scissors	curved	blunt/blunt	5-1/2″ (14 cm)



MH5-2 to MH5-8



MH5-12 to MH5-18



MH5-22 to MH5-26



MH5-36



MH5-46



MH5-56

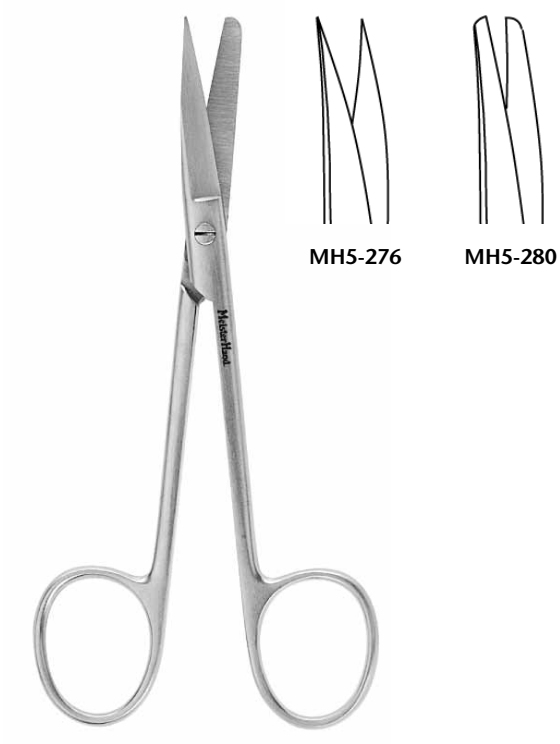
Stitch Scissors

REF	Description	Type	Tips	Length
MH5-270	Delicate Scissors	straight	sharp-sharp	4-3/4″ (12.1 cm)
MH5-272	Delicate Scissors	straight	sharp-blunt	4-3/4″ (12.1 cm)
MH5-274	Delicate Scissors	straight	blunt-blunt	4-3/4″ (12.1 cm)
MH5-276	Delicate Scissors	curved	sharp-sharp	4-3/4″ (12.1 cm)
MH5-278	Delicate Scissors	curved	sharp-blunt	4-3/4″ (12.1 cm)
MH5-280	Delicate Scissors	curved	blunt-blunt	4-3/4″ (12.1 cm)



MH5-270 MH5-274

MH5-272



MH5-276 MH5-280

MH5-278

MeisterHand By Miltex

Stitch Scissors

REF	Description	Type	Length
MH9-98	NEW'S Suture Scissors	angled on flat	5-1/2" (14 cm)
MH9-100	SPENCER Stitch Scissors	delicate	3-1/2" (8.9 cm)
MH9-102	LITTAUER Jr. Stitch Scissors	light pattern	4-1/2" (11.4 cm)
MH9-104	LITTAUER Stitch Scissors	standard pattern	5-1/2" (14 cm)
MH9-110	O'BRIEN Stitch Scissors	angled, sharp	3-3/4" (9.5 cm)
MH18-1486	WESTCOTT Stitch Scissors	curved, sharp	4-1/2" (11.4 cm)



MH9-98



MH9-100



MH9-102
MH9-104



MH9-110



MH18-1486

Iris Scissors

REF	Description	Type	Length
MH5-300	Iris Scissors	straight	4″ (10.2 cm)
MH5-302	Iris Scissors	curved	4″ (10.2 cm)
MH5-304	Iris Scissors	straight	4-1/2″ (11.4 cm)
MH5-306	Iris Scissors	curved	4-1/2″ (11.4 cm)
MH18-1396	Iris Scissors	straight, with 20 mm blades, delicate	3-1/2″ (8.9 cm)
MH18-1398	Iris Scissors	curved, with 20 mm blades, delicate	3-1/2″ (8.9 cm)
MH18-1415	Iris Scissors	straight, standard pattern, ribbon-type	4″ (10.2 cm)
MH18-1416	Iris Scissors	curved, standard pattern, ribbon-type	4″ (10.2 cm)
MH18-1417	Iris Scissors	straight, miniature pattern with 14 mm blades, ribbon-type	3-3/4″ (9.5 cm)
MH18-1418	Iris Scissors	curved, miniature pattern with 14 mm blades, ribbon-type	3-3/4″ (9.5 cm)



MH5-302
MH5-306

MH5-300
MH5-304



MH18-1398

MH18-1396



MH18-1416

MH18-1415



MH18-1418

MH18-1417

MeisterHand By Miltex

Iris & Strabismus Scissors

REF	Description	Type	Length
MH5-312	Strabismus Scissors	straight	4" (10.2 cm)
MH5-314	Strabismus Scissors	curved	4" (10.2 cm)
MH5-264	DEAN Dissecting Scissors	blades angled on flat, one serrated blade	6-3/4" (17.1 cm)
MH18-1420	KNAPP Iris Scissors	straight, sharp/blunt	4" (10.2 cm)
MH18-1422	KNAPP Iris Scissors	straight, blunt/blunt	4" (10.2 cm)
MH18-1426	KNAPP Iris Scissors	curved, sharp/blunt	4" (10.2 cm)
MH18-1428	KNAPP Iris Scissors	curved, blunt/blunt	4" (10.2 cm)

*For easy identification, MeisterHand® SuperCut scissors have two black finger rings & tungsten carbide scissors have two gold-plated finger rings



MH5-314

MH5-312



MH5-264



MH18-1426

MH18-1420



MH18-1428

MH18-1422

STEVENS Tenotomy & Eye Scissors

REF	Description	Type	Tips	Length
MH18-1460	STEVENS Tenotomy Scissors	straight, short blades	sharp	4-1/8" (10.5 cm)
MH18-1462	STEVENS Tenotomy Scissors	straight, short blades	blunt	4-1/8" (10.5 cm)
MH18-1464	STEVENS Tenotomy Scissors	curved, short blades	sharp	4-1/8" (10.5 cm)
MH18-1466	STEVENS Tenotomy Scissors	curved, short blades	blunt	4-1/8" (10.5 cm)
MH18-1472	STEVENS Tenotomy Scissors	straight, long blades	blunt	4-1/2" (11.4 cm)
MH18-1476	STEVENS Tenotomy Scissors	curved, long blades	blunt	4-1/2" (11.4 cm)
MH18-1572	CASTROVIEJO Corneal Scissors	angled blades, 11 mm	blunt	3-3/4" (9.5 cm)
MH18-1576	CASTROVIEJO Corneal Scissors	curved	sharp	3-3/4" (9.5 cm)
MH18-1578	CASTROVIEJO Corneal Scissors	curved	blunt	3-3/4" (9.5 cm)
MH18-1620	VANNAS Capsulotomy Scissors	straight, extra delicate	sharp	3-1/4" (8.3 cm)
MH18-1622	VANNAS Capsulotomy Scissors	curved, extra delicate	sharp	3-1/4" (8.3 cm)
MH18-1652	Eye Suture (GRADLE) Scissors	slightly curved	sharp	3-3/4" (9.5 cm)
MH18-1653	Eye Suture Scissors	ribbon type, slightly curved	sharp	4" (10.2 cm)



MH18-1462

MH18-1460



MH18-1466

MH18-1464



MH18-1476

MH18-1472



MH18-1572



MH18-1578

MH18-1576



MH18-1622

MH18-1620



MH18-1652



MH18-1653

MeisterHand By Miltex

Scissors

REF	Description	Type	Length
MH21-536	LITTLER Suture Carrying Scissors	with suture hole in blades, curved	4-5/8" (11.8 cm)
MH21-600	FOMON Scissors	saber back, slightly curved, semi-sharp outer edges	5" (12.7 cm)
MH21-602	FOMON Lower Lateral Scissors	strong curve, dissecting blades	5" (12.7 cm)
MH21-604	FOMON Dorsal Scissors	light pattern, angular shank	5-1/2" (14 cm)
MH21-610	COTTLE Dorsal Scissors	heavy pattern with rounded blades, angular shank	6-1/2" (16.5 cm)
MH21-630	JOSEPH Scissors	straight	5-3/4" (14.6 cm)
MH21-632	JOSEPH Scissors	curved	5-3/4" (14.6 cm)
MH27-1000	MARTIN Cartilage Scissors	curved, serrated non-slip cutting edge	8" (20.3 cm)



MH21-536



MH21-602

MH21-600



MH21-604



MH21-610



MH21-632

MH21-630



MH27-1000

Bandage Scissors & Cast Instruments

REF	Description	Type	Length
MH5-512	LISTER Bandage Scissors	fine	4-1/2″ (11.4 cm)
MH5-514	LISTER Bandage Scissors	fine	5-1/2″ (14 cm)
MH5-516	LISTER Bandage Scissors	fine	7-1/4″ (18.4 cm)
MH5-550	LISTER Bandage Scissors	with one large finger ring	8″ (20.3 cm)
MH5-560	KNOWLES Bandage Scissors	straight	5-1/2″ (14 cm)
MH5-568	ESMARCH Heavy Duty Bandage & Cast Shears	-	8″ (20.3 cm)
MH27-3070	Bruns Plaster Shears	serrated blade	9-1/4″ (23.5 cm)
MH27-3100	Three Prong Cast Spreader	with spring action for one-handed operation	9″ (22.9 cm)



MH5-512 to MH5-516



MH5-550



MH5-560



MH5-568



MH27-3070



MH27-3100

MeisterHand By Miltex

Pin & Wire

REF	Description	Type	Length
MH27-160	DIAMOND Pin and Wire Cutter	cuts up to 2 mm (5/64") diameter hard wire, stainless	6-1/2" (16.5 cm)
MH9-124	Wire Cutting Scissors	angled to side, one serrated blade	4-3/4" (12.1 cm)
MH9-124TC	Wire Cutting Scissors	angled to side, one serrated blade, tungsten carbide jaws	4-3/4" (12.1 cm)



MH27-160

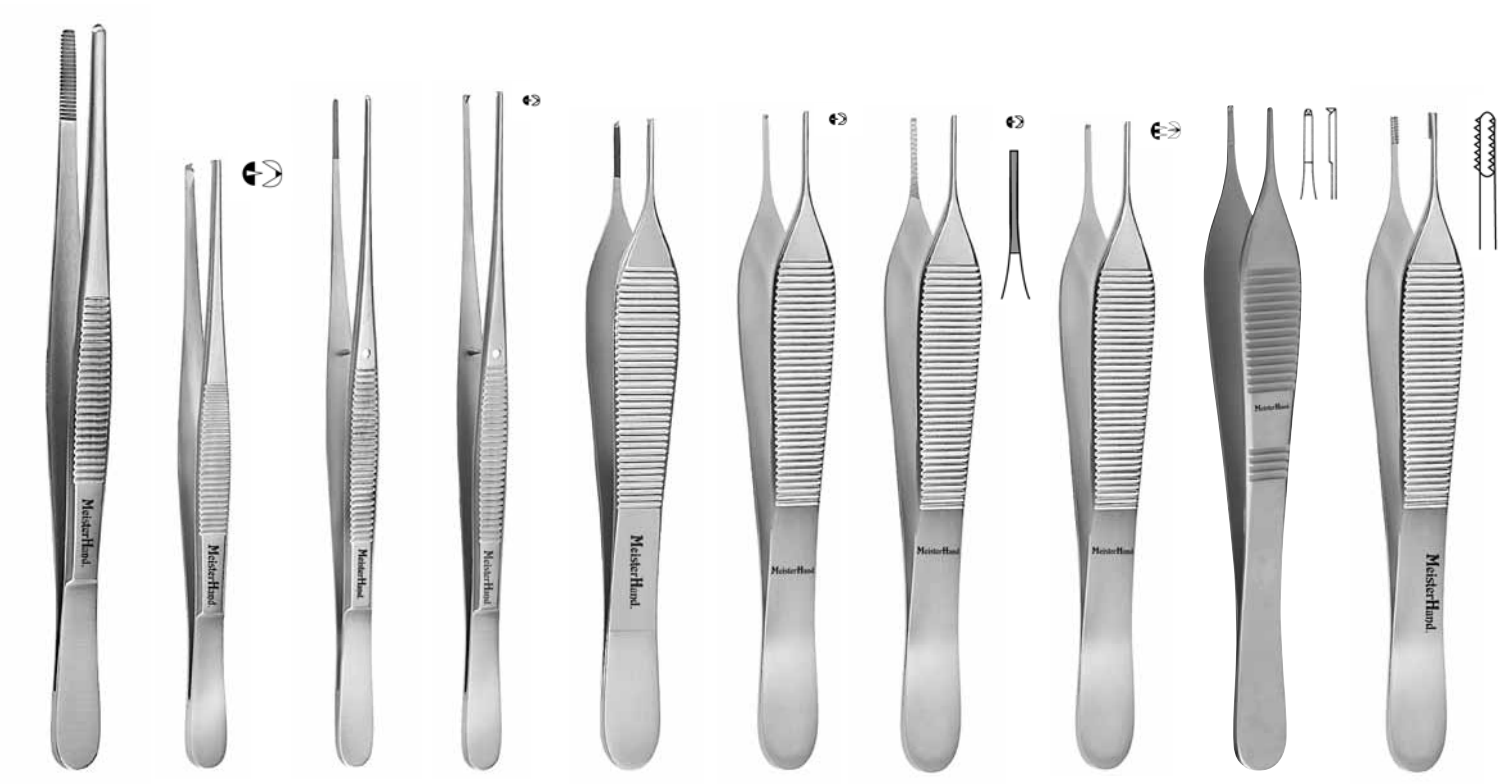


MH9-124
MH9-124TC

Dressing & Tissue Forceps

REF	Description	Type	Length
MH6-4	Dressing Forceps	standard pattern serrated handles, serrated tips	4-1/2" (11.4 cm)
MH6-6	Dressing Forceps	standard pattern serrated handles, serrated tips	5" (12.7 cm),
MH6-8	Dressing Forceps	standard pattern serrated handles, serrated tips	5-1/2" (14 cm)
MH6-10	Dressing Forceps	standard pattern serrated handles serrated tips	6" (15.2 cm)
MH6-14	Dressing Forceps	standard pattern serrated handles, serrated tips	8" (20.3 cm)
MH6-40	Tissue Forceps	1 x 2 teeth, standard pattern serrated handles	4-1/2" (11.4 cm)
MH6-42	Tissue Forceps	1 x 2 teeth, standard pattern serrated handles	5" (12.7 cm)
MH6-44	Tissue Forceps	1 x 2 teeth, standard pattern serrated handles	5-1/2" (14 cm)
MH6-46	Tissue Forceps	1 x 2 teeth, standard pattern serrated handles	6"(15.2 cm)
MH6-48	Tissue Forceps	1 x 2 teeth, standard pattern serrated handles	8" (20.3 cm)
MH6-104	SEMKEN Dressing Forceps	serrated	5" (12.7 cm)
MH6-106	SEMKEN Tissue Forceps	1 x 2 teeth	5" (12.7 cm)
MH6-118	ADSON Dressing Forceps	delicate, serrated	4-3/4" (12.1 cm)
MH6-118TC	ADSON Dressing Forceps	cross serrated tips, tungsten carbide blades	4-3/4" (12.1 cm)
MH6-120	ADSON Tissue Forceps	1 x 2 teeth, delicate	4-3/4" (12.1 cm)
MH6-121	ADSON Tissue Forceps	1 x 2 teeth, cross serrated tips, delicate	4-3/4" (12.1 cm)
MH6-122	ADSON Tissue Forceps	2 x 3 teeth, delicate	4-3/4" (12.1 cm)
MH6-123	ADSON Tissue & Suture Forceps	1 x 2 teeth, with tying platform	4-3/4" (12.1 cm)
MH6-124	BROWN-ADSON Tissue Forceps	7 x 7 side grasping teeth	4-3/4" (12.1 cm)

*For easy identification, MeisterHand® tungsten carbide forceps have gold-plated ends



MH6-4 to MH6-14 | MH6-40 to MH6-48 | MH6-104 | MH6-106 | MH6-118 MH6-118TC | MH6-120 | MH6-121 | MH6-122 | MH6-123 | MH6-124

Dressing & Tissue Forceps

REF	Description	Type	Length
MH17-2500	Micro ADSON Tissue Forceps	tips 0.5 mm wide, 1 x 2 teeth	4-3/4" (12.1 cm)
MH17-2510	Micro ADSON Dressing Forceps	tips 0.5 mm wide, serrated jaws	4-3/4" (12.1 cm)
MH6-142	RUSSIAN Tissue Forceps	-	6" (15.2 cm)
MH6-144	RUSSIAN Tissue Forceps	-	8" (20.3 cm)
MH6-145	RUSSIAN Tissue Forceps	-	10" (25.4 cm)
MH6-148	BONNEY Tissue Forceps	1 x 2 teeth, serrated tips	7" (17.8 cm)
MH6-150	BONNEY Tissue Forceps	2 x 3 teeth, serrated tips	7" (17.8 cm)
MH6-154	POTTS-SMITH Dressing Forceps	serrated tips	7" (17.8 cm)
MH6-154TC	POTTS-SMITH Dressing Forceps	cross serrated tips, tungsten carbide jaws	7" (17.8 cm)
MH6-160	POTTS-SMITH Tissue Forceps	1 x 2 teeth, serrated tips	7" (17.8 cm)

*For easy identification, MeisterHand® tungsten carbide forceps have gold-plated ends



MH17-2500
MH17-2510



MH6-142 to
MH6-145



MH6-148
MH6-150



MH6-154
MH6-154TC
MH6-165TC



MH6-160

Dressing & Tissue Forceps

REF	Description	Type	Length
MH6-180	GERALD Dressing Forceps	straight, serrated	7″ (17.8 cm)
MH6-182	GERALD Tissue Forceps	straight, 1 x 2 teeth	7″ (17.8 cm)
MH6-190	CUSHING Dressing Forceps	bayonet, serrated, scraper end	7-1/4″ (18.4 cm)
MH6-192	CUSHING Dressing Forceps	bayonet, scraper end, 1 x 2 teeth	7-1/4″ (18.4 cm)
MH6-196	GRUENWALD (ADSON) Bayonet Dressing Forceps	serrated	8-1/4″ (21 cm)
MH6-197	GRUENWALD (JANSEN) Bayonet Dressing Forceps	serrated	6-1/2″ (16.5 cm)
MH6-198	ADSON Bayonet Dressing Forceps	serrated, delicate tips	8-1/4″ (21 cm)
MH6-214	SINGLEY Tissue Forceps	fenestrated serrated jaws	9″ (22.9 cm)



MH6-180



MH6-182



MH6-190
MH6-192



MH6-196
MH6-197
MH6-198

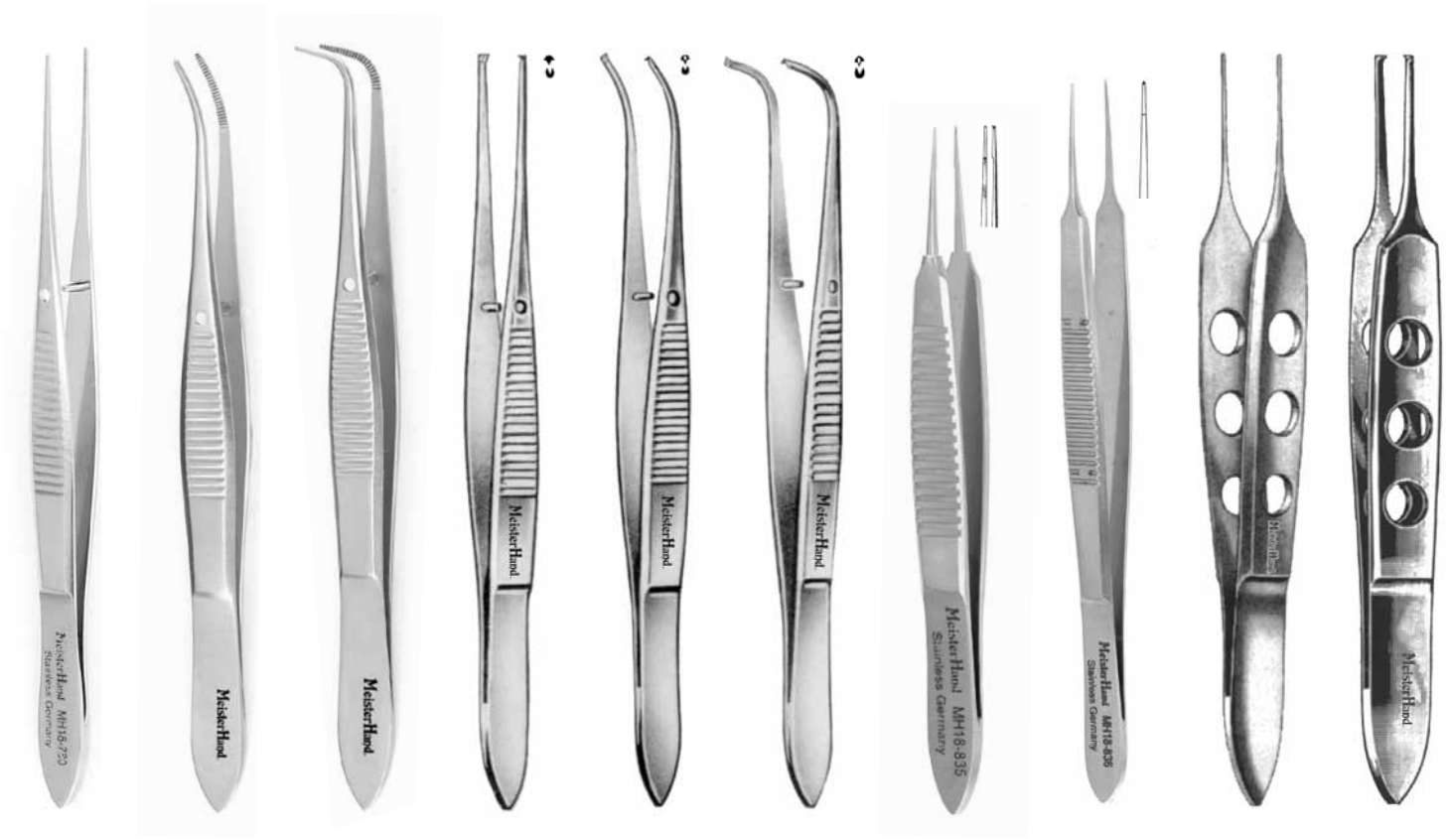


MH6-214

MeisterHand By Miltex

Dressing & Tissue Forceps

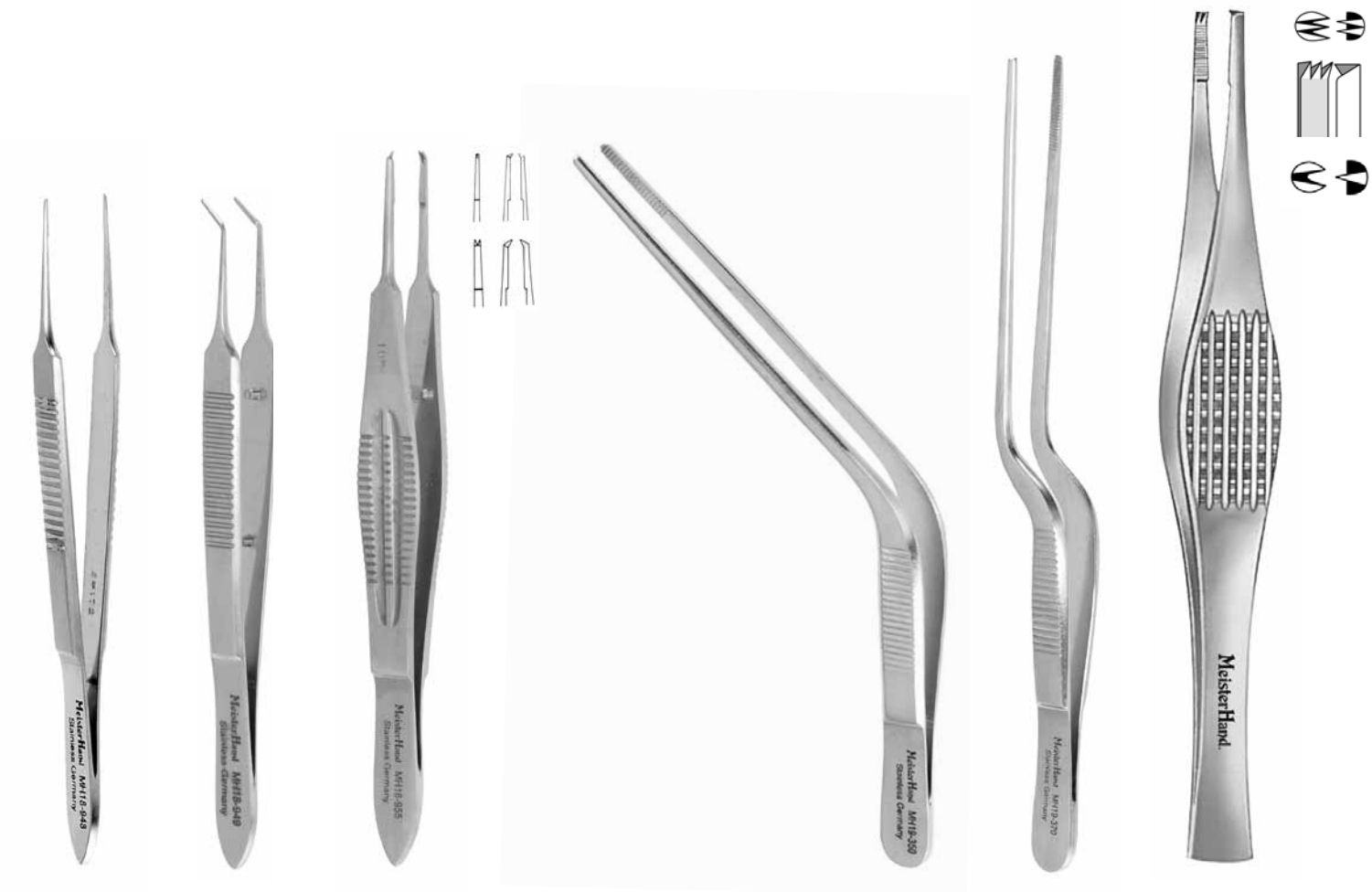
REF	Description	Type	Length
MH18-780	Eye Dressing Forceps	straight, standard pattern, 0.8 mm wide serrated tips	4" (10.2 cm)
MH18-782	Eye Dressing Forceps	half curved, standard pattern, 0.8 mm wide serrated tips	4" (10.2 cm
MH18-784	Eye Dressing Forceps	full curved, standard pattern, 0.8 mm wide serrated tips	4" (10.2 cm)
MH18-786	Iris Tissue Forceps	1 x 2 teeth, straight, standard pattern, 0.8 mm wide tips	4" (10.2 cm)
MH18-788	Iris Tissue Forceps	1 x 2 teeth, half curved, standard pattern, 0.8 mm wide tips	4" (10.2 cm)
MH18-790	Iris Tissue Forceps	1 x 2 teeth, full curved, standard pattern, 0.8 mm wide tips	4" (10.2 cm)
MH18-835	BONN Micro Suturing Forceps	1 x 2 teeth, 0.12 mm, with tying platform	2-3/4" (7 cm)
MH18-836	BONN Micro Suturing Forceps	1 x 2 teeth, 0.12 mm, with tying platform	3-3/4" (9.5 cm)
MH18-866	BISHOP-HARMON Dressing Forceps	fine cross serrated tips, 0.5 mm wide	3-3/8" (8.6 cm)
MH18-867	BISHOP-HARMON Micro Tissue Forceps	delicate 0.3 mm, 1 x 2 teeth	3-3/8" (8.6 cm)
MH18-868	BISHOP-HARMON Tissue Forceps	standard 0.7 mm, 1 x 2 teeth	3-3/8" (8.6 cm)



MH18-780 MH18-782 MH18-784 MH18-786 MH18-788 MH18-790 MH18-835 MH18-836 MH18-866 MH18-867 MH18-868

Dressing & Tissue Forceps

REF	Description	Type	Length
MH18-948	McPHERSON Micro Iris Suturing Forceps	straight, smooth tying platform 0.3 mm x 5 mm, no teeth	3-1/2" (8.9 cm)
MH18-949	McPHERSON Micro Iris Suturing Forceps	angled, smooth tying platform 0.3 mm x 5 mm, no teeth	3-1/2" (8.9 cm)
MH18-954	CASTROVIEJO Suturing Forceps	11 mm wide handles, 1 x 2 teeth 0.6 mm, tying platform	4" (10.2 cm)
MH18-955	CASTROVIEJO Suturing Forceps	11 mm wide handles, 1 x 2 teeth 0.9 mm, tying platform	4" (10.2 cm)
MH19-350	WILDE Dressing Forceps	angular with serrated tips	5" (12.7 cm)
MH19-370	LUCAE Dressing Forceps	bayonet shape, serrated tips	5-1/2" (14 cm)
MH26-956	FERRIS-SMITH Tissue Forceps	serrated platform tips with 1 x 2 teeth	7" (17.8 cm)
MH26-958	FERRIS-SMITH Tissue Forceps	serrated platform tips with 2 x 3 teeth	7" (17.8 cm)



MH18-948 MH18-949 MH18-954 MH18-955 MH19-350 MH19-370 MH26-956 MH26-958

MeisterHand By Miltex

Splinter Forceps

REF	Description	Type	Length
MH6-300	Plain Splinter Forceps	-	3-1/2″ (8.9 cm)
MH6-304	Plain Splinter Forceps	-	4-1/2″ (11.4 cm)
MH6-316	FEILCHENFELD Splinter Forceps	-	3″ (7.6 cm)
MH6-318	FEILCHENFELD Splinter Forceps	-	4-1/2″ (11.4 cm)
MH6-400	Splinter Liberator	trocar point in reversible handle	5″ (12.7 cm)



MH6-300
MH6-304



MH6-316
MH6-318



MH6-400

Tissue Forceps

REF	Description	Type	Length
MH16-4	Baby ALLIS Tissue Forceps	4 x 5 teeth, delicate jaws 4 mm wide	5-1/2" (14 cm)
MH16-6	ALLIS Tissue Forceps	4 x 5 teeth	6" (15.2 cm)
MH16-8	ALLIS Tissue Forceps	5 x 6 teeth	6" (15.2 cm)
MH16-10	ALLIS Tissue Forceps	5 x 6 teeth	7-1/4" (18.4 cm)
MH16-12	ALLIS Tissue Forceps	5 x 6 teeth	10" (25.4 cm)
MH16-30	ALLIS-ADAIR Tissue Forceps	9 x 10 teeth	6-1/2" (16.5 cm)
MH16-31	BOYS-ALLIS Tissue Forceps	5 x 6 teeth, heavy pattern	6" (15.2 cm)
MH16-38	THOMS-ALLIS Tissue Forceps	6 x 7 teeth	8" (20.3 cm)



MH16-4



MH16-6



MH16-8 to MH16-12



MH16-30



MH16-31



MH16-38

MeisterHand By Miltex

Tissue Forceps

REF	Description	Type	Length
MH16-42	Baby BABCOCK Intestinal Forceps	delicate jaws 6 mm wide	5-1/2" (14 cm)
MH16-44	BABCOCK Intestinal Forceps	jaws 9 mm wide	6-1/4" (15.9 cm)
MH16-46	BABCOCK Intestinal Forceps	jaws 10 mm wide	8-1/4" (21 cm)
MH16-48	BABCOCK Intestinal Forceps	jaws 15 mm wide	9-1/2" (24.1 cm)
MH16-51	ADAIR Tissue Holding Tenaculum Forceps	-	6-1/2" (16.5 cm)
MH12-80	LAHEY Traction Forceps	3 x 3 teeth	6-1/4" (15.9 cm)



MH16-42 to MH16-48



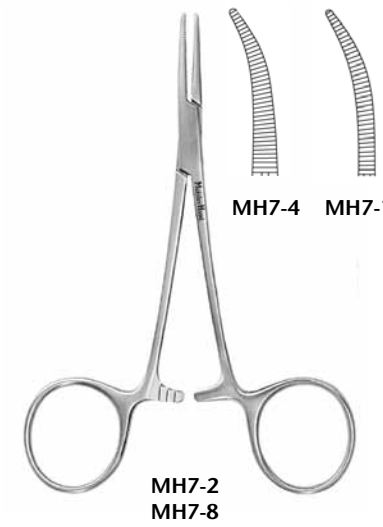
MH16-51

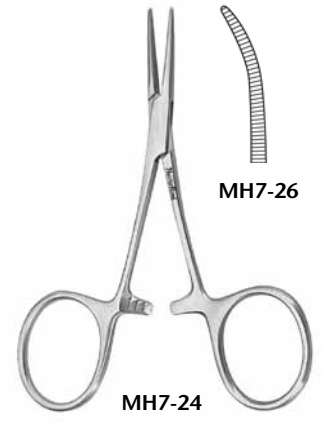


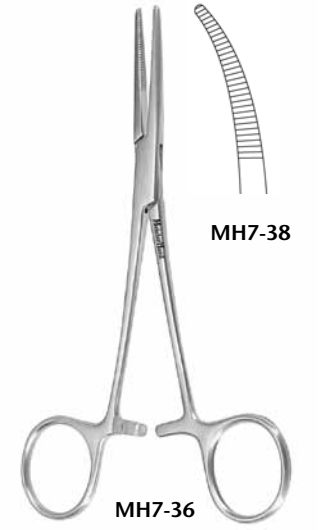
MH12-80

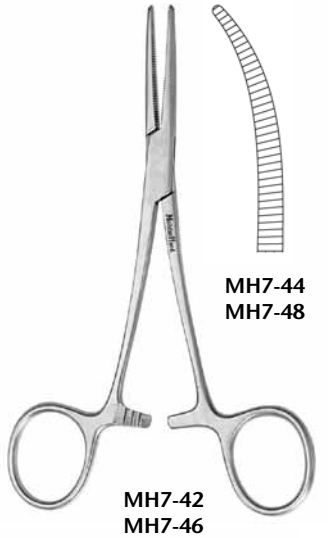
Hemostatic Forceps

REF	Description	Type	Length
MH7-2	HALSTED Mosquito Forceps	straight	5" (12.7 cm)
MH7-4	HALSTED Mosquito Forceps	curved	5" (12.7 cm)
MH7-8	HALSTED Mosquito Forceps	straight, extra delicate	5" (12.7 cm)
MH7-10	HALSTED Mosquito Forceps	curved, extra delicate	5" (12.7 cm)
MH7-24	HARTMAN Mosquito Forceps	straight	3-1/2" (8.9 cm)
MH7-26	HARTMAN Mosquito Forceps	curved	3-1/2" (8.9 cm)
MH7-36	KELLY Forceps	straight	5-1/2" (14 cm)
MH7-38	KELLY Forceps	curved	5-1/2" (14 cm)
MH7-42	CRILE Forceps	straight	5-1/2" (14 cm)
MH7-44	CRILE Forceps	curved	5-1/2" (14 cm)
MH7-46	CRILE Forceps	straight	6-1/4" (15.9 cm)
MH7-48	CRILE Forceps	curved	6-1/4" (15.9 cm)
MH7-50	Baby CRILE Forceps	extra delicate, straight	5-1/2" (14 cm)
MH7-52	Baby CRILE Forceps	extra delicate, curved	5-1/2" (14 cm)
MH7-66	KOCHER Forceps	1 x 2 teeth, straight	5-1/2" (14 cm)
MH7-68	KOCHER Forceps	1 x 2 teeth, curved	5-1/2" (14 cm)
MH7-92	RANKIN Forceps	straight	6-1/4" (15.9 cm)
MH7-94	RANKIN Forceps	curved	6-1/4" (15.9 cm)

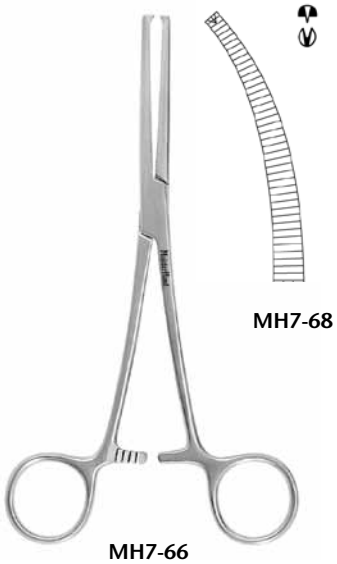














MeisterHand By Miltex

Hemostatic Forceps

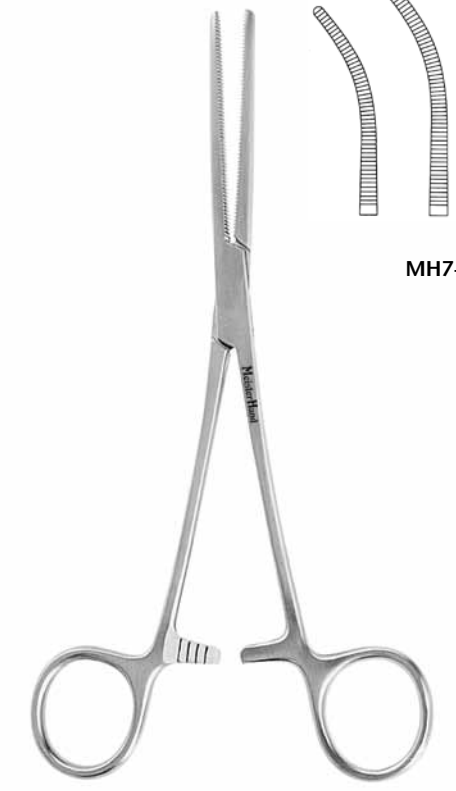
REF	Description	Type	Length
MH7-102	DANDY Forceps	curved sideways	5-1/2″ (14 cm)
MH7-106	PRATT T-Shape Forceps	-	6″ (15.2 cm)
MH7-118	ROCHESTER-PEAN Forceps	straight	5-1/2″ (14 cm)
MH7-120	ROCHESTER-PEAN Forceps	straight	6-1/4″ (15.9 cm)
MH7-122	ROCHESTER-PEAN Forceps	straight	7-1/4″ (18.4 cm)
MH7-124	ROCHESTER-PEAN Forceps	straight	8″ (20.3 cm)
MH7-126	ROCHESTER-PEAN Forceps	straight	9″ (22.9 cm)
MH7-136	ROCHESTER-PEAN Forceps	curved	5-1/2″ (14 cm)
MH7-138	ROCHESTER-PEAN Forceps	curved	6-1/4″ (15.9 cm)
MH7-140	ROCHESTER-PEAN Forceps	curved	7-1/4″ (18.4 cm)
MH7-142	ROCHESTER-PEAN Forceps	curved	8″ (20.3 cm)
MH7-144	ROCHESTER-PEAN Forceps	curved	9″ (22.9 cm)



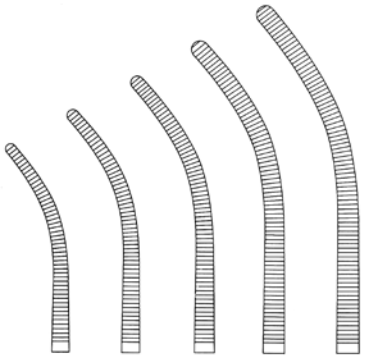
MH7-102



MH7-106



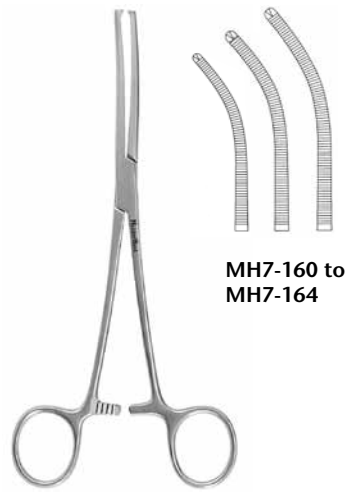
MH7-118 to MH7-126



MH7-136 to MH7-144

Hemostatic Forceps

REF	Description	Type	Length
MH7-150	ROCHESTER-OCHSNER Forceps	straight	6-1/4″ (15.9 cm)
MH7-152	ROCHESTER-OCHSNER Forceps	straight	7-1/4″ (18.4 cm)
MH7-154	ROCHESTER-OCHSNER Forceps	straight	8″ (20.3 cm)
MH7-160	ROCHESTER-OCHSNER Forceps	curved	6-1/4″ (15.9 cm)
MH7-162	ROCHESTER-OCHSNER Forceps	curved	7-1/4″ (18.4 cm)
MH7-164	ROCHESTER-OCHSNER Forceps	curved	8″ (20.3 cm)
MH7-170	ROCHESTER-CARMALT Forceps	straight	6-1/4″ (15.9 cm)
MH7-172	ROCHESTER-CARMALT Forceps	curved	6-1/4″ (15.9 cm)
MH7-180	ROCHESTER-CARMALT Forceps	straight	8″ (20.3 cm)
MH7-182	ROCHESTER-CARMALT Forceps	curved	8″ (20.3 cm)
MH7-202	MIXTER Forceps	fully curved	7-1/4″ (18.4 cm)
MH7-206	MIXTER Forceps	fully curved	9″ (22.9 cm)
MH7-220	PENNINGTON Tissue Grasping Forceps	triangular jaws	6″ (15.2 cm)
MH7-221	PENNINGTON Tissue Grasping Forceps	triangular jaws	8″ (20.3 cm)
MH7-240	ADSON Forceps	straight	7-1/4″ (18.4 cm)
MH7-242	ADSON Forceps	curved	7-1/4″ (18.4 cm)



MH7-150 to MH7-154

MH7-160 to MH7-164



MH7-170 MH7-180

MH7-172 MH7-182



MH7-202 MH7-206



MH7-220 MH7-221



MH7-240 MH7-242

MeisterHand By Miltex

Hemostatic Forceps

REF	Description	Type	Length
MH7-255	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	5-1/2" (14 cm)
MH7-256	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	7" (17.8 cm)
MH7-257	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	8" (20.3 cm)
MH7-258	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	9" (22.9 cm)
MH7-259	GEMINI-MIXTER Hemostatic Forceps	delicate, full curved jaws	11" (27.9 cm)
MH14-48	LAHEY Gall Duct Forceps		7-1/2" (19.1 cm)
MH16-160	DOYEN Intestinal Forceps	straight, flexible blades with longitudinal serrations	9" (22.9 cm)
MH16-162	DOYEN Intestinal Forceps	curved, flexible blades with longitudinal serrations	9" (22.9 cm)
MH17-2600	JACOBSON Micro Mosquito Forceps	straight, extremely delicate	5" (12.7 cm)
MH17-2602	JACOBSON Micro Mosquito Forceps	curved, extremely delicate	5" (12.7 cm)
MH22-662	SCHNIDT Tonsil Hemostatic Forceps	slight curve, closed rings	7-1/2" (19.1 cm)
MH22-668	SAWTELL Tonsil Hemostatic Forceps	full curve, closed rings	7-1/2" (19.1 cm)
MH25-800	SAROT Intra-Thoracic Artery Forceps	long slightly curved jaws, 2-1/2" (6.4 cm) long	10" (25.4 cm)
MH25-814	MIXTER Thoracic Forceps	right angle jaws, longitudinal serrations	11" (27.9 cm)
MH25-836	KANTROWITZ Thoracic Forceps	delicate right angle jaws	7-1/2" (19.1 cm)
MH25-837	KANTROWITZ Thoracic Forceps	delicate right angle jaws	9-1/2" (24.1 cm)



MH7-255 to MH7-259



MH14-48



MH16-160
MH16-162



MH17-2602

MH17-2600



MH22-662



MH22-668



MH25-800



MH25-814



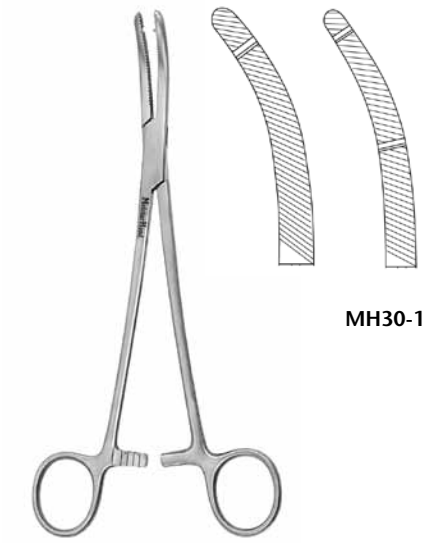
MH25-836
MH25-837

Hemostatic & Specialty Forceps

REF	Description	Type	Length
MH30-1025	JACOBS Forceps	straight, serrated jaws, 2 x 2 teeth	8-1/2" (21.6 cm)
MH30-1700	HEANEY Forceps	heavy pattern, single tooth, curved	8-1/4" (21 cm)
MH30-1710	HEANEY Forceps	heavy pattern, double tooth, curved	8-1/4" (21 cm)
MH30-1716	HEANEY-BALLENTINE Forceps	longitudinal serration, single tooth, curved	8-1/4" (21 cm)
MH30-1718	BALLENTINE Forceps	longitudinal serration, single tooth, straight	8-1/2" (21.6 cm)
MH27-990	MARTIN Cartilage Clamp	-	7" (17.8 cm)
MH27-1016	Tendon Pulling Forceps	curved shaft, alligator type	5" (12.7 cm)

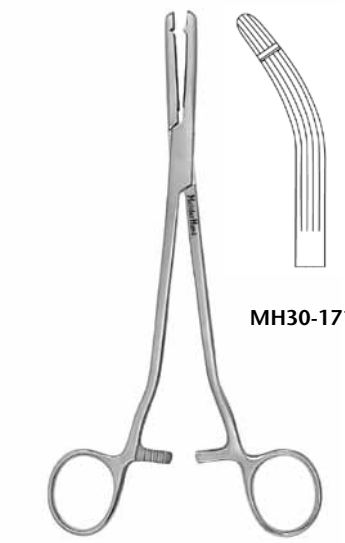


MH30-1025



MH30-1710

MH30-1700



MH30-1716

MH30-1718



MH27-990



MH27-1016

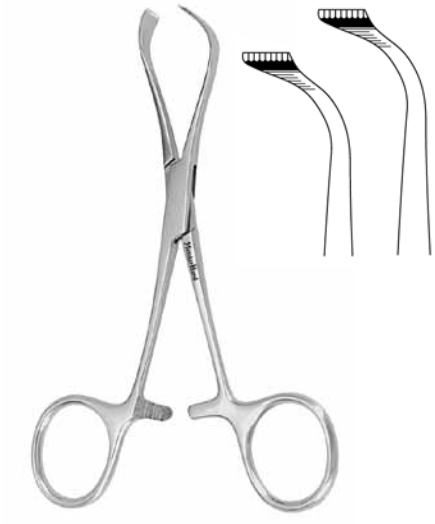
MeisterHand By Miltex

Towel Clamps & Sponge Forceps

REF	Description	Type	Length
MH7-504	BACKHAUS Towel Clamp	-	4" (10.2 cm)
MH7-506	BACKHAUS Towel Clamp	-	5-1/4" (13.3 cm)
MH7-514	LORNA Non-Perforating Towel Forceps	-	4" (10.2 cm)
MH7-515	LORNA Non-Perforating Towel Forceps	-	5-1/4" (13.3 cm)
MH7-516	PEERS Towel Clamp	non-perforating jaws	5-3/4" (14.6 cm)
MH7-600	FOERSTER Sponge Forceps	straight, serrated jaws	9-1/2" (24.1 cm)
MH7-602	FOERSTER Sponge Forceps	straight, smooth jaws	9-1/2" (24.1 cm)
MH7-604	FOERSTER Sponge Forceps	straight, serrated jaws	7" (17.8 cm)
MH7-610	FOERSTER Sponge Forceps	curved, serrated jaws	9-1/2" (24.1 cm)
MH7-614	FOERSTER Sponge Forceps	curved, serrated jaws	7" (17.8 cm)
MH7-622	BOZEMAN Sponge Forceps	double curved	10-1/2" (26.7 cm)



MH7-504
MH7-506



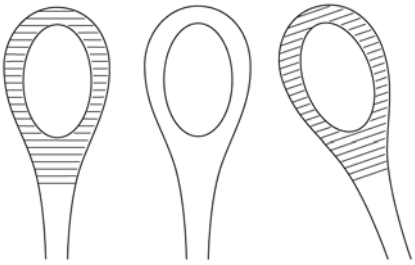
MH7-514
MH7-515



MH7-516



MH7-600
MH7-604



MH7-602

MH7-610
MH7-614



MH7-622

Needle Holders - Tungsten Carbide

REF	Description	Type	Length
MH8-4TC	DERF Needle Holder	serrated, tungsten carbide jaws	4-3/4" (12.1cm)
MH8-6TC	WEBSTER Needle Holder	with smooth jaws, standard pattern, delicate, tungsten carbide jaws	5-1/4" (13.3 cm)
MH8-8A-TC	HALSEY Needle Holder	serrated, tungsten carbide jaws	5" (12.7 cm)
MH8-15TC	OLSEN-HEGAR Needle Holder	with suture scissors, serrated, tungsten carbide jaws	5-1/2" (14 cm)
MH8-16TC	OLSEN-HEGAR Needle Holder	with suture scissors, serrated, tungsten carbide jaws	6-1/2" (16.5 cm)
MH8-17TC	OLSEN-HEGAR Needle Holder	with suture scissors, serrated, tungsten carbide jaws	7-1/2" (19.1 cm)

*For easy identification, MeisterHand® tungsten carbide needle holders have two gold-plated finger rings



MH8-4TC



MH8-6TC



MH8-8A-TC



MH8-15TC
MH8-16TC
MH8-17TC

MeisterHand By Miltex

Needle Holders - Tungsten Carbide

REF	Description	Type	Length
MH8-40TC	BAUMGARTNER Needle Holder	serrated, tungsten carbide jaws	5-1/2" (14 cm)
MH8-42TC	MAYO-HEGAR Needle Holder	serrated, tungsten carbide jaws	5" (12.7 cm)
MH8-44TC	MAYO-HEGAR Needle Holder	serrated, tungsten carbide jaws	6-1/4" (15.9 cm)
MH8-46TC	MAYO-HEGAR Needle Holder	serrated, tungsten carbide jaws	7" (17.8 cm)
MH8-48TC	MAYO-HEGAR Needle Holder	serrated, tungsten carbide jaws	8" (20.3 cm)
MH8-50TC	CRILE-WOOD Needle Holder	serrated, tungsten carbide jaws	6" (15.2 cm)
MH8-51TC	CRILE-WOOD Needle Holder	serrated, tungsten carbide jaws	7" (17.8 cm)
MH8-52TC	CRILE-WOOD Needle Holder	serrated, tungsten carbide jaws	8" (20.3 cm)

*For easy identification, MeisterHand® tungsten carbide needle holders have two gold-plated finger rings



MH8-40TC



MH8-42TC to
MH8-48TC

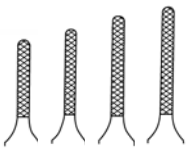


MH8-50TC to
MH8-52TC

Needle Holders - Tungsten Carbide

REF	Description	Type	Length
MH8-100TC	HEANEY Needle Holder	curved, serrated, tungsten carbide jaws	8-1/2" (21.6 cm)
MH8-101TC	RYDER Needle Holder	serrated, tungsten carbide jaws	5" (12.7 cm)
MH8-103TC	RYDER Needle Holder	serrated, tungsten carbide jaws	6" (15.2 cm)
MH8-104TC	RYDER Needle Holder	serrated, tungsten carbide jaws	7" (17.8 cm)
MH8-105TC	RYDER Needle Holder	serrated, tungsten carbide jaws	8" (20.3 cm)
MH8-130TC	MAYO-HEGAR (MASSON) Needle Holder	serrated, tungsten carbide jaws	10-1/2" (26.7 cm)
MH18-1828TC	CASTROVIEJO Needle Holder	smooth, straight, with lock, tungsten carbide jaws	5-1/2" (14 cm)

*For easy identification, MeisterHand® tungsten carbide needle holders have two gold-plated finger rings



MH8-101TC to MH8-105TC



MH8-100TC



MH8-130TC



MH18-1828TC

MeisterHand By Miltex

Needle Holders

REF	Description	Type	Length
MH8-2	COLLIER Needle Holder	fenestrated jaws	5" (12.7 cm)
MH8-4	DERF Needle Holder	-	4-3/4" (12.1 cm)
MH8-6	WEBSTER Needle Holder	delicate, smooth jaws, standard pattern	5" (12.7 cm)
MH8-8	HALSEY Needle Holder	smooth jaws	5" (12.7 cm)
MH8-14	OLSEN-HEGAR Needle Holder	with suture scissors, serrated jaws, extra delicate	4-3/4" (12.1 cm)
MH8-15	OLSEN-HEGAR Needle Holder	with suture scissors, serrated jaws	5-1/2" (14 cm)
MH8-16	OLSEN-HEGAR Needle Holder	with suture scissors, serrated jaws	6-1/2" (16.5 cm)
MH8-17	OLSEN-HEGAR Needle Holder	with suture scissors, serrated jaws	7-1/4" (18.4 cm)
MH8-20	CONVERSE Needle Holder	longitudinal serrations	4-1/4" (10.8 cm)
MH8-22	BROWN Needle Holder	convex jaws, fine serrations	5-1/4" (13.3 cm)



MH8-2



MH8-4



MH8-6



MH8-8



MH8-14



MH8-15
MH8-16
MH8-17



MH8-20



MH8-22

MeisterHand By Miltex

Needle Holders

REF	Description	Length
MH8-40	BAUMGARTNER Needle Holder	5-1/2″ (14 cm)
MH8-42	MAYO-HEGAR Needle Holder	5″ (12.7 cm)
MH8-44	MAYO-HEGAR Needle Holder	6″ (15.2 cm)
MH8-46	MAYO-HEGAR Needle Holder	7″ (17.8 cm)
MH8-48	MAYO-HEGAR Needle Holder	8″ (20.3 cm)
MH8-50	CRILE-WOOD Needle Holder	6″ (15.2 cm)
MH8-51	CRILE-WOOD Needle Holder	7″ (17.8 cm)
MH8-52	CRILE-WOOD Needle Holder	8″ (20.3 cm)



MH8-40



MH8-42 to MH8-48



MH8-50 to MH8-52

MeisterHand By Miltex

Needle Holders

REF	Description	Type	Length
MH8-100	HEANEY Needle Holder	curved jaws	8-1/2" (21.6 cm)
MH8-130	MAYO-HEGAR (MASSON) Needle Holder	-	10-1/2" (26.7 cm)
MH18-1828	CASTROVIEJO Needle Holder	straight, with lock	5-1/2" (14 cm)
MH18-1832	CASTROVIEJO Needle Holder	curved, with lock	5-1/2" (14 cm)



MH8-100



MH8-130



MH18-1828
MH18-1832

Bone Forceps & Clamps

REF	Description	Type	Length
MH21-626	RUSKIN Bone Splitting Forceps	straight	6″ (15.2 cm)
MH21-627	RUSKIN Bone Splitting Forceps	curved	6″ (15.2 cm)
MH25-384	RUSKIN Bone Cutting Forceps	straight, standard blades	7-1/2″ (19.1 cm)
MH25-390	STILLE-LISTON Bone Cutting Forceps	straight	10-3/4″ (27.3 cm)
MH25-392	STILLE-LISTON Bone Cutting Forceps	curved	10-3/4″ (27.3 cm)
MH25-396	STILLE-HORSLEY Bone Cutting Forceps	angled blades	10-1/2″ (26.7 cm)
MH27-4	KERN Bone Holding Forceps	standard size, with ratchet	9-1/2″ (24.1 cm)
MH27-7	KERN Bone Holding Forceps	petite size, with ratchet	6″ (15.2 cm)
MH27-16	LEWIN Bone Holding Forceps	serrated jaws	7″ (17.8 cm)
MH27-30	LOWMAN Bone Clamp	calibrated in 1/8″ (.32 cm), 1 x 2 prong jaws 3/4″ (1.9 cm) wide	5″ (12.7 cm)
MH27-32	LOWMAN Bone Clamp	calibrated in 1/8″ (.32 cm), 1 x 2 prong jaws 1″ (2.5 cm) wide	7″ (17.8 cm)
MH27-34	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)



MH21-627

MH21-626



MH25-384



MH25-392

MH25-390



MH25-396



MH27-4
MH27-7



MH27-16



MH27-30 to
MH27-34

MeisterHand By Miltex

Alligator Ear Forceps

REF	Description	Type	Length
MH19-2081	Micro Alligator Ear Forceps	serrated jaws, 0.6 mm wide	3-1/4" (8.3 cm) shaft
MH19-2110	Micro Alligator Ear Forceps	oval cup jaws, 0.8 mm wide	3-1/4" (8.3 cm) shaft
MH19-410	HARTMAN Ear Forceps	delicate serrated jaws, 2.5 mm x 6 mm	5" (12.7 cm)
MH19-411	HARTMAN Alligator Ear Forceps	serrated jaws	5-1/2" (14 cm)
MH19-434	HARTMAN-NOYES Alligator Ear Forceps	serrated jaws	3-1/4" (8.3 cm) shaft
MH20-140	NOYES Alligator Forceps	serrated jaws	5-1/2" (14 cm)
MH20-142	NOYES Alligator Forceps	serrated jaws	6-1/2" (16.5 cm)



MH19-2080



MH19-2110



MH19-410



MH19-411



MH19-434



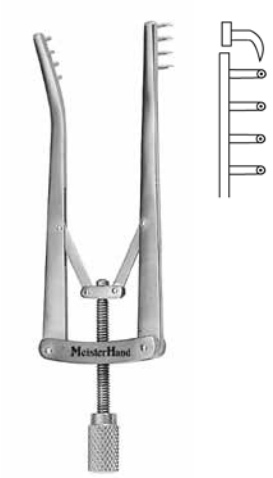
MH20-140
MH20-142

Retractors

REF	Description	Type	Length
MH11-2	JANSEN Retractor	spread 3" (7.6 cm), 3 x 3 blunt prongs 10 mm deep, standard model	4-1/4" (10.8 cm)
MH11-12	ALM Retractor	spread 2-1/4" (5.7 cm), prongs 1/8" (.32cm) deep	2-3/4" (7 cm)
MH11-13	ALM Retractor	spread 3" (7.6 cm), prongs 1/2"(1.3 cm) deep	3-7/8" (9.8 cm)
MH11-14	HEISS Self-Retaining Cross Action Retractor	sharp prongs	4" (10.2 cm)
MH11-16	HEISS Self-Retaining, Cross Action Retractor	blunt prongs	4" (10.2 cm)
MH11-22	GREEN Retractor		8-1/2" (21.6 cm)
MH11-73	RAGNELL Retractor	double end 3 mm x 8 mm and 5 mm x 15mm blades, delicate	6" (15.2 cm)
MH11-74	SENN Retractor	sharp, double end	6-3/8" (16.2 cm)
MH11-76	SENN Retractor	blunt, double end	6-3/8" (16.2 cm)
MH11-78	CRILE Retractor	double end 3 mm x 11 mm and 6 mm x 20 mm blades	4-1/2" (11.4 cm)



MH11-2



MH11-12
MH11-13



MH11-14



MH11-16



MH11-22



MH11-73



MH11-74

MH11-76



MH11-78

MeisterHand By Miltex

Retractors

REF	Description	Type	Length
MH11-102	CUSHING Vein Retractor	blade 11 mm x 13 mm	9″ (22.9 cm)
MH11-110	FARABEUF Retractor	double end, set of 2	6″ (15.2 cm)
MH11-114	PARKER Retractor	double end, set of 2	5″ (12.7 cm)
MH11-120	GOELET Retractor	double end	7-1/2″ (19.1 cm)
MH11-122	U.S. ARMY Retractor	double end, set of 2	8-1/2″ (21.6 cm)
MH11-132	Ribbon Retractor	malleable	1″ (2.5 cm) x 13″ (33 cm)
MH11-136	Ribbon Retractor	malleable	1-1/2″ (3.8 cm) x 13″ (33 cm)
MH11-140	Ribbon Retractor	malleable	2″ (5.1 cm) x 13″ (33 cm)
MH11-144	Ribbon Retractor	malleable, petite	5/8″ (1.6 cm) x 8″ (20.3 cm)
MH11-146	Ribbon Retractor	malleable, petite	1″ (2.5 cm) x 8″ (20.3 cm)
MH11-162	LANGENBECK Retractor	blade 3/8″ (1 cm) x 1-1/2″ (3.8 cm)	8″ (20.3 cm)
MH11-164	LANGENBECK Retractor	blade 1/2″ (1.3 cm) x 1-1/2″ (3.8cm)	8″ (20.3 cm)
MH11-166	LANGENBECK Retractor	blade 5/8″ (1.6 cm) x 1-1/2″ (3.8cm)	8″ (20.3 cm)



MH11-102



MH11-110



MH11-114



MH11-120



MH11-122



MH11-132 to MH11-146



MH11-162 to MH11-166

Retractors

REF	Description	Type	Length
MH11-180	HEANEY Retractor	blade 1″ (2.5 cm) x 1-3/4″ (4.4 cm)	10-1/2″ (26.7 cm)
MH11-182	HEANEY Retractor	blade 1-1/8″ (2.8 cm) x 2-7/8″ (7.3 cm)	10-1/2″ (26.7 cm)
MH11-184	HEANEY Retractor	blade 1-1/8″ (2.8 cm) x 3-1/4″ (8.3 cm)	10-1/2″ (26.7 cm)
MH11-185	HEANEY-SIMON Retractor	blade 1″ (2.5 cm) x 4-1/2″ (11.4 cm)	11-1/2″ (29.2 cm)
MH11-202	DEAVER Retractor	1″ (2.5 cm)	12″ (30.5 cm)
MH11-206	DEAVER Retractor	1-1/2″ (3.8 cm)	12″ (30.5 cm)
MH11-208	DEAVER Retractor	2″ (5.1 cm)	12″ (30.5 cm)
MH11-210	DEAVER Retractor	3″ (7.6 cm)	12″ (30.5 cm)
MH11-219	DEAVER Retractor	petite, 3/4″ (1.9 cm)	7″ (17.8 cm)
MH11-220	DEAVER Retractor	petite, 7/8″ (2.2 cm)	8″ (20.3 cm)
MH11-240	MEYERDING Retractor	large blade 3-1/2″ (8.9 cm) x 2″ (5.1 cm)	9-1/2″ (24.1 cm)
MH11-242	MEYERDING Retractor	medium blade 3″ (7.6 cm) x 1″ (2.5 cm)	9-1/2″ (24.1 cm)
MH11-244	MEYERDING Retractor	small blade 2″ (5.1 cm) x 5/8″ (1.6 cm)	9-1/2″ (24.1 cm)

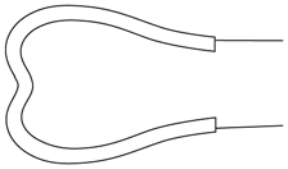


MH11-180 to MH11-184 | **MH11-185** | **MH11-202** | **MH11-206 to MH11-220** | **MH11-240 to MH11-244**

MeisterHand By Miltex

Retractors

REF	Description	Type	Length
MH11-246	RICHARDSON Retractor	loop handle, 1″ (2.5 cm x 3/4 (1.9 cm)	10″ (25.4 cm)
MH11-247	RICHARDSON Retractor	loop handle, 1-1/4″ (3 cm) x 1″ (2.5 cm)	10″ (25.4 cm)
MH11-248	RICHARDSON Retractor	loop handle, 1-1/2″ (3 cm) x 1-1/2″ (3.8 cm)	10″ (25.4 cm)
MH11-249	RICHARDSON Retractor	loop handle, 2″ (5.1 cm) x 3/4″ (1.9 cm)	10″ (25.4 cm)
MH11-260	RICHARDSON-EASTMAN Retractor	double end, set of 2	
MH11-260-A	RICHARDSON-EASTMAN Retractor	large size, double end	11″ (27.9 cm)
MH11-260-B	RICHARDSON-EASTMAN Retractor	small size, double end	10″ (25.4 cm)
MH11-266	KELLY Retractor	loop handle, 2″ (5.1 cm) x 1-1/2″ (3.8 cm)	9-3/4″ (24.8 cm)
MH11-268	KELLY Retractor	loop handle, 3″ (7.6 cm) x 2-1/2″ (6.4 cm)	9-3/4″ (24.8 cm)
MH11-269	KELLY Retractor	loop handle, 3-1/2″ (8.9 cm) x 2-3/4″ (7 cm)	9-3/4″ (24.8 cm)
MH11-314	HARRINGTON Retractor	blade 2-1/2″ (6.4 cm) wide	12″ (30.5 cm)
MH11-316	HARRINGTON Retractor	blade 1-1/2″ (3.8 cm) wide	12″ (30.5 cm)





MH11-246 to MH11-249



MH11-260 to MH11-260-B



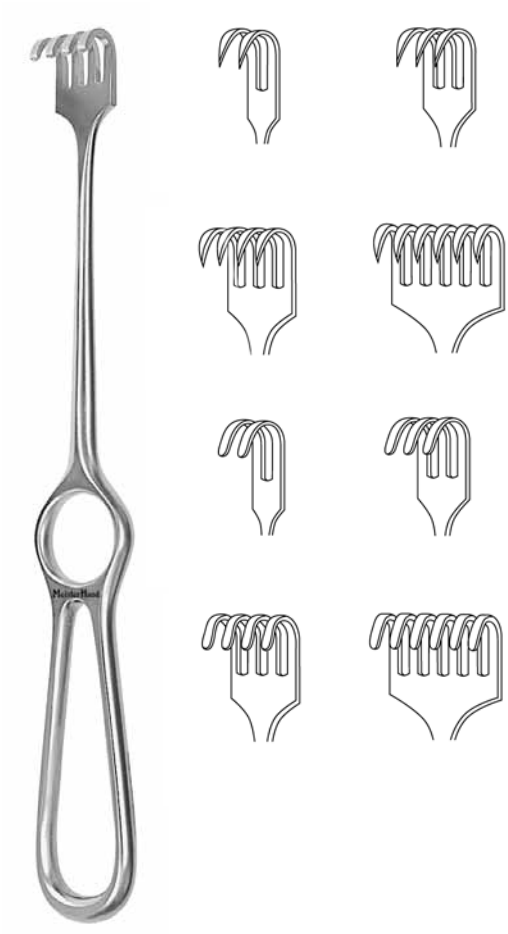
MH11-266 to MH11-269



MH11-314 MH11-316

Retractors

REF	Description	Type	Length
MH11-530	VOLKMAN Retractor	2 prongs, sharp, ring handle	8-1/2″ (21.6 cm)
MH11-532	VOLKMAN Retractor	3 prongs, sharp, ring handle	8-1/2″ (21.6 cm)
MH11-534	VOLKMAN Retractor	4 prongs, sharp, ring handle	8-1/2″ (21.6 cm)
MH11-536	VOLKMAN Retractor	6 prongs, sharp, ring handle	8-1/2″ (21.6 cm)
MH11-538	VOLKMAN Retractor	2 prongs, blunt, ring handle	8-1/2″ (21.6 cm)
MH11-540	VOLKMAN Retractor	3 prongs, blunt, ring handle	8-1/2″ (21.6 cm)
MH11-542	VOLKMAN Retractor	4 prongs, blunt, ring handle	8-1/2″ (21.6 cm)
MH11-544	VOLKMAN Retractor	6 prongs, blunt, ring handle	8-1/2″ (21.6 cm)
MH11-580	BENNETT Tibia Retractor	blade 1-3/4″ (4.4 cm) wide	9-1/2″ (24.1 cm)
MH11-582	BENNETT Tibia Retractor	blade 2-1/2″ (6.4 cm) wide	9-1/2″ (24.1 cm)
MH11-590	HIBBS Retractor	blade 1″ (2.5 cm) x 3″ (7.6 cm) deep	9-1/4″ (23.5 cm)



MH11-530 to MH11-544



MH11-580 MH11-582



MH11-590

MeisterHand By Miltex

Retractors

REF	Description	Type	Length
MH11-364	GELPI Retractor	mini, with grip lock	3-1/2" (8.9cm)
MH11-365	GELPI Retractor	petite, with grip lock	5-1/2" (14 cm)
MH11-366	GELPI Retractor	with grip lock	7-1/2" (19.1 cm)
MH11-600	WEITLANER Retractor	sharp, 2 x 3 teeth	4" (10.2 cm)
MH11-602	WEITLANER Retractor	blunt, 2 x 3 teeth	4" (10.2 cm)
MH11-608	WEITLANER Retractor	sharp, 3 x 4 teeth	5-1/2" (14 cm)
MH11-610	WEITLANER Retractor	blunt, 3 x 4 teeth	5-1/2" (14 cm)
MH11-614	WEITLANER Retractor	sharp, 3 x 4 teeth	6-1/2" (16.5 cm)
MH11-616	WEITLANER Retractor	blunt, 3 x 4 teeth	6-1/2" (16.5 cm)
MH11-630-BL	BECKMAN-WEITLANER Retractor	blunt, 3 x 4 teeth with hinge blades	5-1/2" (14 cm)
MH11-630-SH	BECKMAN-WEITLANER Retractor	sharp, 3 x 4 teeth with hinge blades	5-1/2" (14 cm)
MH11-684	BECKMAN-ADSON Retractor	hinged, sharp, 4 x 4 teeth, 3/4" (1.9 cm) x 1" (2.5cm)	12-1/2" (31.8 cm)
MH11-700	ADSON Retractor	straight arms, sharp, 4 x 4 teeth 3/4" (1.9cm) x 3/4" (1.9 cm)	7-1/2" (19.1 cm)
MH11-702	ADSON Retractor	angled arms, sharp, 4 x 4 teeth 3/4" (1.9cm) x 3/4" (1.9 cm)	7-1/2" (19.1 cm)



MH11-364 to MH11-366



MH11-600 to MH11-602



MH11-608 to MH11-610



MH11-614 MH11-616



MH11-630-BL MH11-630-SH



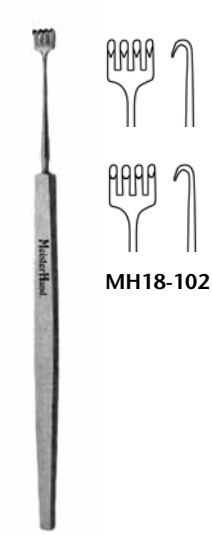
MH11-684



MH11-700 MH11-702

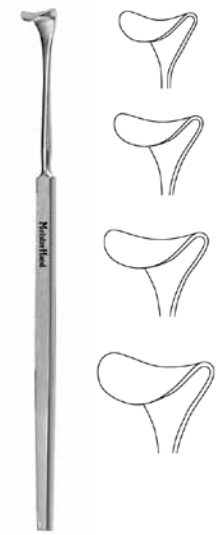
Retractors

REF	Description	Type	Length
MH18-100	KNAPP (ROLLET) Retractor	with 4 sharp prongs	5-1/4″ (13.3 cm)
MH18-102	KNAPP Retractor	with 4 blunt prongs	5-1/4″ (13.3 cm)
MH18-110	DESMARRES Lid Retractor	size 1, 11 mm	5-1/2″ (14 cm)
MH18-112	DESMARRES Lid Retractor	size 2, 13 mm	5-1/2″ (14 cm)
MH18-114	DESMARRES Lid Retractor	size 3, 15 mm	5-1/2″ (14 cm)
MH18-116	DESMARRES Lid Retractor	size 4, 17 mm	5-1/2″ (14 cm)
MH21-145	COTTLE Retractor	right ball tip	6-1/2″ (16.5 cm)
MH21-146	COTTLE Retractor	left ball tip	6-1/2″ (16.5 cm)
MH21-148	FOMON Retractor	two prongs with ball tips, 11 mm wide	6-1/2″ (16.5 cm)
MH21-165	COTTLE Knife Guide and Retractor	double ended, ball tip prongs, 10 mm wide, slotted hook, 5 mm wide	8″ (20.3 cm)
MH21-188	AUFRICHT Retractor-Speculum	solid blade, 45 mm long	6-1/2″ (16.5 cm)
MH22-854	HURD Dissector & Pillar Retractor	standard pattern, 10.2 mm x 13.9 mm blade	9″ (22.9 cm)
MH23-1049	JACKSON Retractor	double ended, 2 blunt prongs, 5/16″ (2.4 cm) wide and solid blade 3/8″ (1 cm) wide	7″ (17.8 cm)



MH18-102

MH18-100



MH18-110
MH18-116



MH21-146

MH21-145



MH21-148



MH21-165



MH21-188



MH22-854



MH23-1049

MeisterHand By Miltex

Retractors

REF	Description	Type	Length
MH27-213	MINI-HOHMANN Retractor	blade 6 mm wide	6-1/4″ (15.9 cm)
MH27-214	MINI-HOHMANN Retractor	blade 8 mm wide	6-1/4″ (15.9 cm)
MH27-215	HOHMANN Retractor	blade 10 mm wide	9-1/4″ (23.5 cm)
MH27-216	HOHMANN Retractor	blade 18 mm wide	9-1/4″ (23.5 cm)
MH27-217	HOHMANN Retractor	blade 25 mm wide	9-1/4″ (23.5 cm)
MH27-218	HOHMANN Retractor	blade 43 mm wide	9-1/4″ (23.5 cm)
MH27-219	HOHMANN Retractor	blade 70 mm wide	9-3/4″ (24.8 cm)
MH28-68	HILL-FERGUSON Retractor	small blade 2.2 cm x 6.4 cm	8-1/2″ (21.6 cm)
MH28-69	HILL-FERGUSON Retractor	large blade 3 cm x 7.6 cm	8-3/4″ (22.3 cm)
MH30-395	DOYEN Retractor	blade 1-3/4″ (4.4 cm) x 2-1/2″ (6.4 cm)	9″ (22.9 cm)
MH30-406	DOYEN Retractor	blade 2-1/8″ (5.4 cm) x 3″ (7.6 cm)	9″ (22.9 cm)
MH30-415	DOYEN Retractor	blade 2-1/4″ (5.7 cm) x 3-1/2″ (8.9 cm)	9″ (22.9 cm)



MH27-213
MH27-214



MH27-215 to
MH27-219



MH28-68



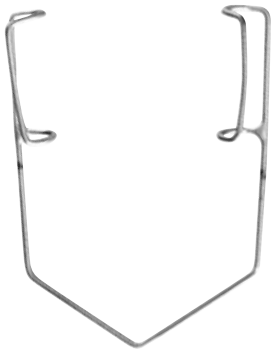
MH28-69



MH30-395
MH30-406
MH30-415

Specula

REF	Description	Type	Length
MH18-35	BARRAQUER Eye Speculum	large blades 15 mm wide	1-3/4″ (4.4 cm)
MH18-36	BARRAQUER Eye Speculum	small blades 10 mm wide	1-3/4″ (4.4 cm)
MH20-2	VIENNA Speculum	large size, standard pattern	5-3/4″ (14.6 cm)
MH20-3	VIENNA Speculum	medium size, standard pattern	5-3/4″ (14.6 cm)
MH20-4	VIENNA Speculum	small size, standard pattern	5-3/4″ (14.6 cm)
MH20-12	TIECK-HALLE Small Speculum	small size	5-1/2″ (14 cm)
MH20-24	BECKMAN Speculum	angled on side	6″ (15.2 cm)
MH20-28	KILLIAN Speculum	2″ (5.2 cm) long blades, with set screw	6″ (15.2 cm)
MH20-29	KILLIAN Speculum	2-1/2″ (6.4 cm) long blades, with set screw	6″ (15.2 cm)
MH20-30	KILLIAN Speculum	3″ (7.6 cm) long blades, with set screw	6″ (15.2 cm)
MH20-32	KILLIAN Speculum	3-1/2″ (8.9 cm) long blades, with set screw	6″ (15.2 cm)



MH18-35



MH20-2



MH20-3



MH20-4



MH18-36



MH20-12



MH20-24

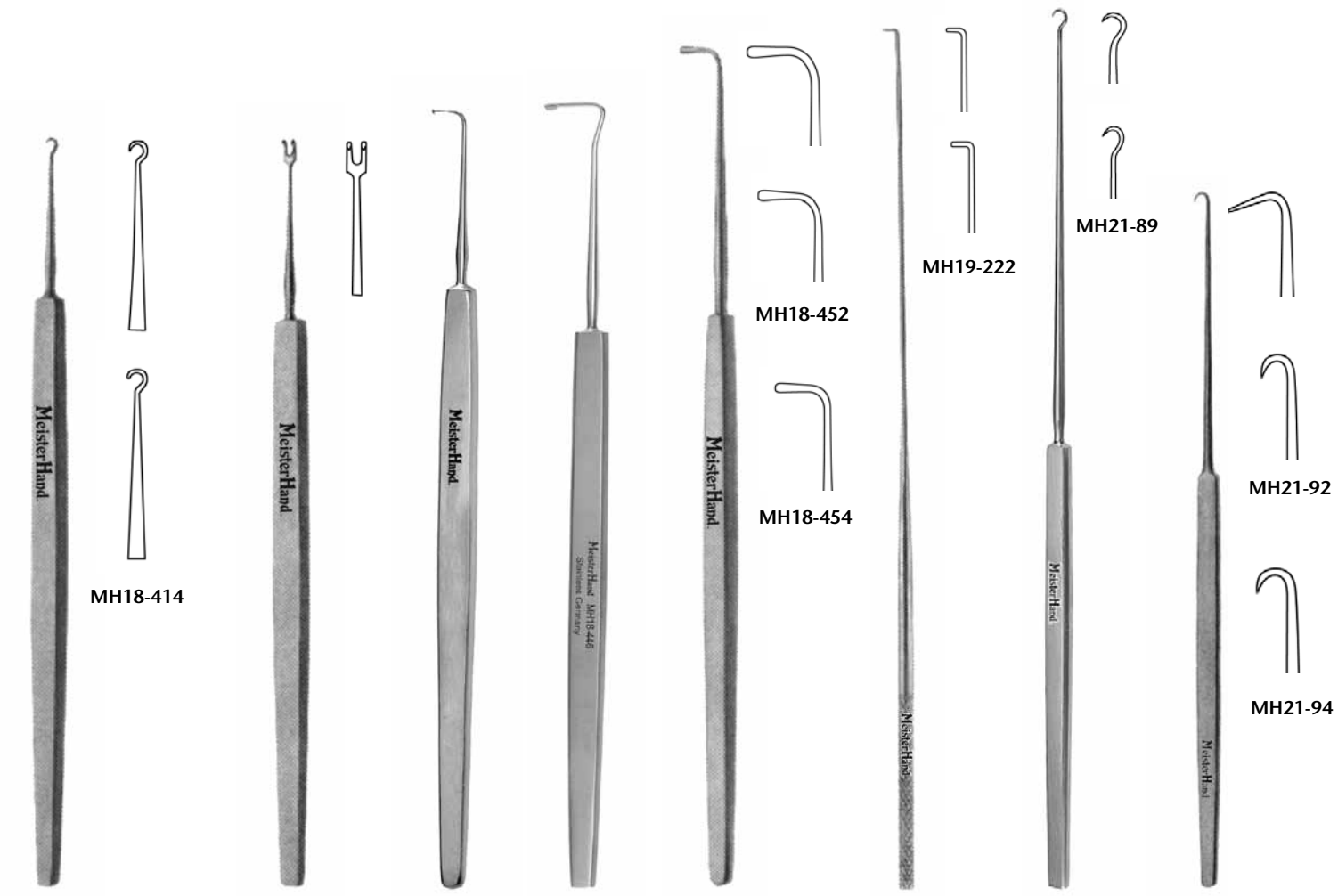


MH20-28 to MH20-32

MeisterHand By Miltex

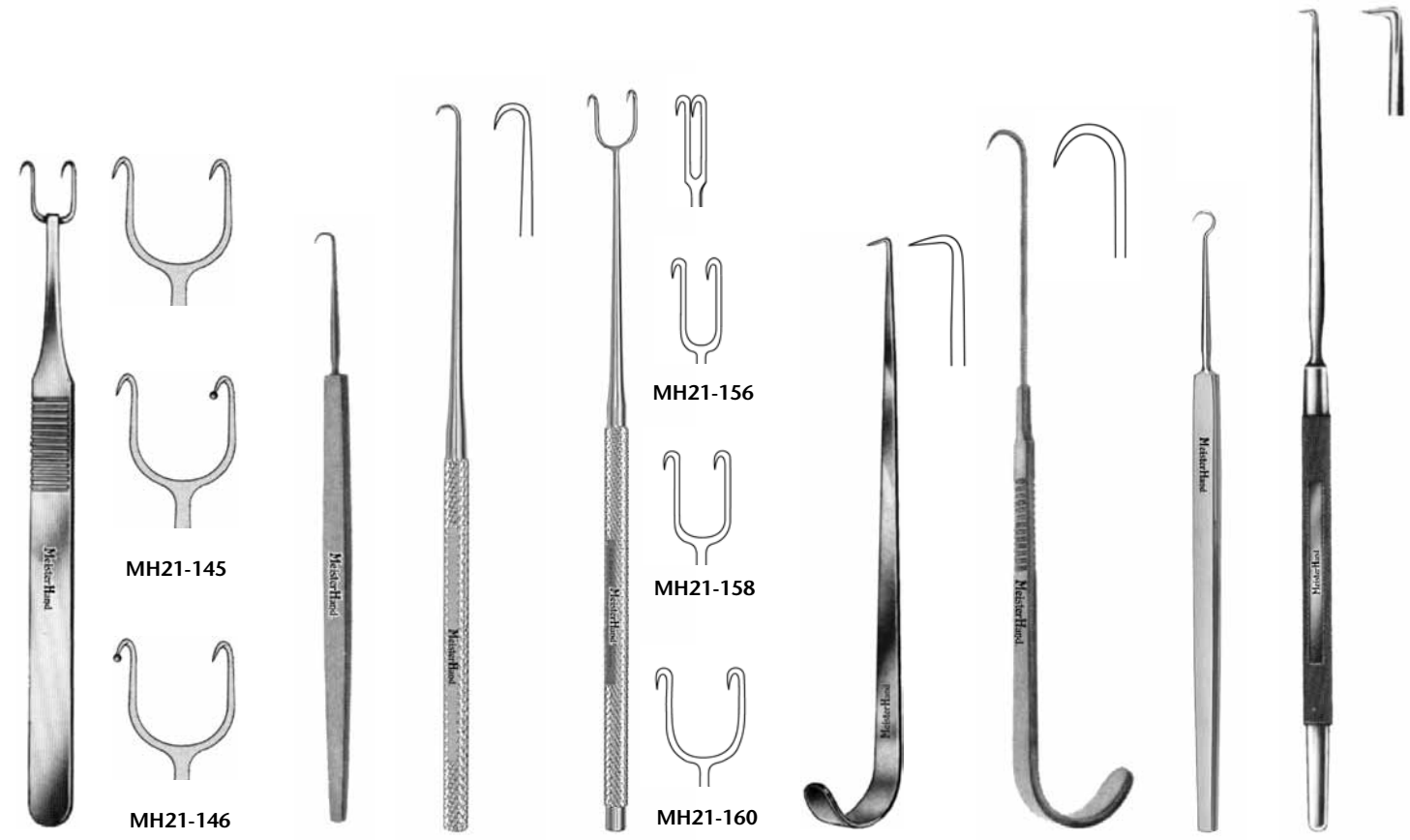
Hooks

REF	Description	Type	Length
MH18-412	TYRELL Hook	sharp	5″ (12.7 cm)
MH18-414	TYRELL Hook	blunt	5″ (12.7 cm)
MH18-416	GUTHRIE Fixation Hook	sharp double prongs 1.5 mm wide	5″ (12.7 cm)
MH18-440	STEVENS Tenotomy Hook	right angle 5 mm deep	5″ (12.7 cm)
MH18-446	JAMESON Strabismus Hook	10 mm deep	5″ (12.7 cm)
MH18-450	VON GRAEFE Strabismus Hook	small size 8 mm long	5-1/4″ (13.3 cm)
MH18-452	VON GRAEFE Strabismus Hook	medium size 10 mm long	5-1/2″ (14 cm)
MH18-454	VON GRAEFE Strabismus Hook	large size 11 mm long	5-3/4″ (14.6 cm)
MH19-220	DAY Ear Hook	small size	6-1/2″ (16.5 cm)
MH19-222	DAY Ear Hook	large size	6-1/2″ (16.5 cm)
MH21-88	GILLIES (CONVERSE) Skin Hook	large	7″ (17.8 cm)
MH21-89	GILLIES (CONVERSE) Skin Hook	small	7″ (17.8 cm)
MH21-90	COTTLE Skin Hook	small, shallow curve	5-1/2″ (14 cm)
MH21-92	COTTLE Skin Hook	small, deep curve	5-1/2″ (14 cm)
MH21-94	COTTLE Skin Hook	large, deep curve	5-1/2″ (14 cm)



Hooks

REF	Description	Type	Length
MH21-144	COTTLE Double Hook	two sharp prongs, 12 mm wide	5-1/2″ (14 cm)
MH21-145	COTTLE Double Hook	right ball tip	5-1/2″ (14 cm)
MH21-146	COTTLE Double Hook	left ball tip	5-1/2″ (14 cm)
MH21-152	Skin Hook	sharp prong, 2 mm diameter	4-3/4″ (12.1 cm)
MH21-153	JOSEPH Hook	one sharp prong	6-1/4″ (15.9 cm)
MH21-154	JOSEPH Double Hook	two sharp prongs, 2 mm wide	6-1/4″ (15.9 cm)
MH21-156	JOSEPH Double Hook	two sharp prongs, 5 mm wide	6-1/4″ (15.9 cm)
MH21-158	JOSEPH Double Hook	two sharp prongs, 7 mm wide	6-1/4″ (15.9 cm)
MH21-160	JOSEPH Double Hook	two sharp prongs, 10 mm wide	6-1/4″ (15.9 cm)
MH23-1050	JACKSON Tenaculum Hook & Retractor	sharp points	5-3/4″ (14.6 cm)
MH23-1051	NEWS Hook	single sharp prong	6″ (15.2 cm)
MH26-1084	FRAZIER Dura Hook	sharp point	5″ (12.7 cm)
MH26-1090	ADSON Dura and Dissecting Hook	sharp blade 5 mm at right angle	8″ (20.3 cm)



MH21-144 MH21-152 MH21-153 MH21-154 MH23-1050 MH23-1051 MH26-1084 MH26-1090

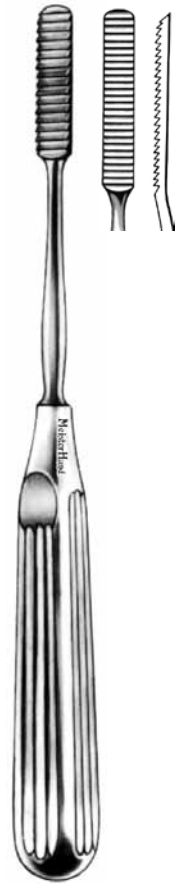
MeisterHand By Miltex

Rasps

REF	Description	Type	Length
MH21-330	JOSEPH Rasp	fine cross serrations	6-1/4" (15.9 cm)
MH21-338	COTTLE Rasp	backward cutting	8" (20.3 cm)
MH21-342	MALTZ Nasal Rasp	backward cutting	7" (17.8 cm)
MH21-346	AUFRICHT Glabella Rasp	curved blade, forward cutting	8-1/4" (21 cm)
MH21-348	AUFRICHT Glabella Rasp	curved blade, backward cutting	8-1/4" (21 cm)
MH21-368	FOMON Rasp	double ended, 4-sided, fine & coarse, both in flat & convex	8-1/4" (21 cm)
MH21-369	FOMON Rasp	double ended, coarse teeth, flat & convex	8-1/4" (21 cm)
MH21-370	FOMON Rasp	double ended, fine teeth, flat & convex	8-1/4" (21 cm)
MH27-700	PUTTI Bone Rasp	flat ends, one side curved on flat, other one curved sideways	10-1/2" (26.7 cm)
MH27-702	PUTTI Bone Rasp	round and half-round tapered curved ends	12" (30.5 cm)



MH21-330



MH21-338



MH21-342



MH21-346

MH21-348



MH21-368 to MH21-370



MH21-700



MH21-702

Suction Tubes

REF	Description	Type	Length
MH2-104SS	YANKAUER Suction Tube	with removable tip and tubing connection	11-3/4" (29.8 cm)
MH2-106SS	YANKAUER Suction Tube Tip only	Suction Tube (MH2-104SS)	-
MH2-109	YANKAUER Petite Suction Tube	with removable tip, delicate pattern	8-1/2" (21.6 cm)
MH2-110SS	ANDREWS-PYNCHON Suction Tube	delicate pattern	10" (25.4 cm)
MH10-310	POOLE Suction Tube	curved	23 French (7.6 mm)
MH10-312	POOLE Suction Tube	straight	30 French (9.9 mm)
MH19-570	FRAZIER Suction Tube	with finger cut-off, angled	6 French (2 mm)
MH19-572	FRAZIER Suction Tube	with finger cut-off, angled	7 French (2.3 mm)
MH19-573	FRAZIER Suction Tube	with finger cut-off, angled	8 French (2.6 mm)
MH19-574	FRAZIER Suction Tube	with finger cut-off, angled	9 French (3 mm)
MH19-575	FRAZIER Suction Tube	with finger cut-off, angled	10 French (3.3 mm)
MH19-576	FRAZIER Suction Tube	with finger cut-off, angled	11 French (3.6 mm)
MH19-577	FRAZIER Suction Tube	with finger cut-off, angled	12 French (4 mm)
MH19-580	BARON Suction Tube	with finger cut-off, working length 7.5 cm	3 French (1 mm)
MH19-582	BARON Suction Tube	with finger cut-off, working length 7.5 cm	5 French (1.7 mm)
MH19-584	BARON Suction Tube	with finger cut-off, working length 7.5 cm	7 French (2.3 mm)

Please refer to the reference section on page 536 for French conversions.



MH2-104SS
MH2-109



MH2-110SS



MH10-310



MH10-312



MH19-570 to MH19-577



MH19-580 to MH19-584

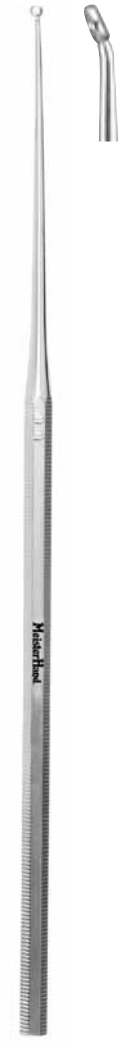
MeisterHand By Miltex

Ear Curettes & Loops

REF	Description	Type	Length
MH19-280	BUCK Ear Curette	straight, blunt, size 00	6-1/2″ (16.5 cm)
MH19-282	BUCK Ear Curette	straight, blunt, size 0	6-1/2″ (16.5 cm)
MH19-284	BUCK Ear Curette	straight, blunt, size 1	6-1/2″ (16.5 cm)
MH19-286	BUCK Ear Curette	straight, blunt, size 2	6-1/2″ (16.5 cm)
MH19-288	BUCK Ear Curette	straight, blunt, size 3	6-1/2″ (16.5 cm)
MH19-290	BUCK Ear Curette	angled, blunt, size 00	6-1/2″ (16.5 cm)
MH19-292	BUCK Ear Curette	angled, blunt, size 0	6-1/2″ (16.5 cm)
MH19-294	BUCK Ear Curette	angled, blunt, size 1	6-1/2″ (16.5 cm)
MH19-296	BUCK Ear Curette	angled, blunt, size 2	6-1/2″ (16.5 cm)
MH19-298	BUCK Ear Curette	angled, blunt, size 3	6-1/2″ (16.5 cm)
MH19-314	BILLEAU Flexible Ear Loop	small size no. 1	6-1/2″ (16.5 cm)
MH19-316	BILLEAU Flexible Ear Loop	medium size no. 2	6-1/2″ (16.5 cm)
MH19-318	BILLEAU Flexible Ear Loop	large size no. 3	6-1/2″ (16.5 cm)



MH19-280 to MH19-288



MH19-290 to MH19-298



MH19-314



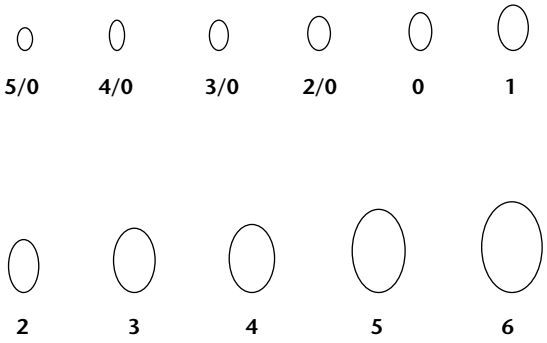
MH19-316

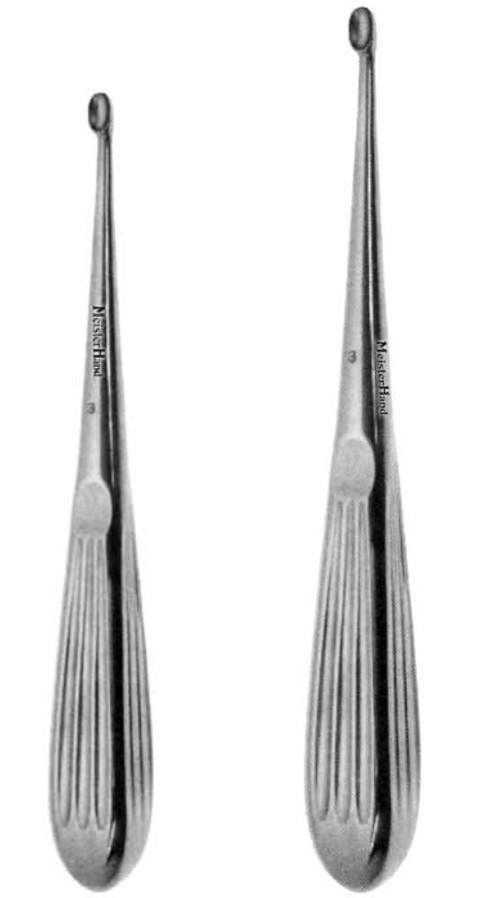


MH19-318

Curettes

REF	Description	Type	Length
MH19-700	SPRATT Curette	size 5/0	6-1/2″ (16.5 cm)
MH19-702	SPRATT Curette	size 4/0	6-1/2″ (16.5 cm)
MH19-704	SPRATT Curette	size 3/0	6-1/2″ (16.5 cm)
MH19-706	SPRATT Curette	size 2/0	6-1/2″ (16.5 cm)
MH19-708	SPRATT Curette	size 0	6-1/2″ (16.5 cm)
MH19-710	SPRATT Curette	size 1	6-1/2″ (16.5 cm)
MH19-712	SPRATT Curette	size 2	6-1/2″ (16.5 cm)
MH19-714	SPRATT Curette	size 3	6-1/2″ (16.5 cm)
MH19-716	SPRATT Curette	size 4	6-1/2″ (16.5 cm)
MH19-718	SPRATT Curette	size 5	6-1/2″ (16.5 cm)
MH19-720	SPRATT Curette	size 6	6-1/2″ (16.5 cm)
MH26-1627	HIBBS SPRATT Curette	oval cup, size 3/0	9″ (22.9 cm)
MH26-1628	HIBBS SPRATT Curette	oval cup, size 2/0	9″ (22.9 cm)
MH26-1629	HIBBS SPRATT Curette	oval cup, size 0	9″ (22.9 cm)
MH26-1630	HIBBS SPRATT Curette	oval cup, size 1	9″ (22.9 cm)
MH26-1632	HIBBS SPRATT Curette	oval cup, size 2	9″ (22.9 cm)
MH26-1634	HIBBS SPRATT Curette	oval cup, size 3	9″ (22.9 cm)
MH26-1636	HIBBS SPRATT Curette	oval cup, size 4	9″ (22.9 cm)
MH26-1638	HIBBS SPRATT Curette	oval cup, size 5	9″ (22.9 cm)
MH26-1640	HIBBS SPRATT Curette	oval cup, size 6	9″ (22.9 cm)





MH19-700 to MH19-720

MH26-1627 to MH26-1640

MeisterHand By Miltex

Rongeurs

REF	Description	Type	Length
MH19-844	BEYER Rongeur	double action, slightly curved jaws 3.5 mm wide	7″ (17.8 cm)
MH19-848	RUSKIN Rongeur	double action, straight 3 mm bite jaws	6″ (15.2 cm)
MH19-849	RUSKIN Rongeur	double action, curved 3 mm bite jaws	6″ (15.2 cm)
MH19-850	RUSKIN Rongeur	double action, straight 5 mm bite jaws	7-1/4″ (18.4 cm)
MH19-852	RUSKIN Rongeur	double action, curved 5 mm bite jaws	7-1/4″ (18.4 cm)
MH19-1230	LEMPERT Rongeur	straight, delicate, 2.5 mm bite	6-1/4″ (15.9 cm)
MH19-1232	LEMPERT Rongeur	curved, delicate, 2.5 mm bite	6-1/4″ (15.9 cm)
MH25-454	STILLE-LUER Rongeur	straight jaws 9 mm x 15 mm	8-3/4″ (22.2 cm)
MH25-456	STILLE-LUER Rongeur	curved jaws 9 mm x 15 mm	8-3/4″ (22.2 cm)
MH25-458	STILLE-LUER Duckbill Rongeur	angled on side jaws 6 mm x 12mm	9″ (22.9 cm)
MH25-480	SAUERBRUCH Rongeur	straight, square jaws 17 mm wide	12″ (30.5 cm)
MH25-510	LEKSELL Rongeur	standard curve, 3 mm bite	9-1/2″ (24.1 cm)
MH25-511	LEKSELL Rongeur	standard curve, 8 mm bite	9-1/2″ (24.1 cm)



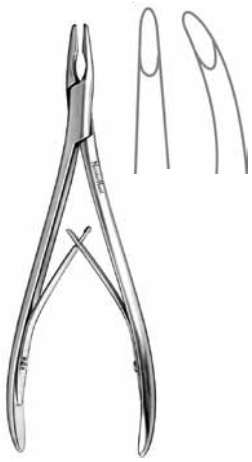
MH19-844



MH19-848
MH19-849



MH19-850
MH19-852



MH19-1230 to
MH19-1232



MH25-454
MH25-456



MH25-458



MH25-480



MH25-510
MH25-511

Mallets

REF	Description	Type	Length
MH19-793	Mallet	lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) diameter with 2 replaceable nylon caps	7-1/2" (19.1 cm)
MH19-796	MEAD Mallet	head 8 oz. (227 g), with 2 replaceable nylon caps	7-1/2" (19.1 cm)



MH19-793



MH19-796

MeisterHand By Miltex

Osteotomes

REF	Description	Type	Length
MH21-205-2	SHEEHAN Osteotome	2 mm wide	6-1/4" (15.9 cm)
MH21-205-4	SHEEHAN Osteotome	4 mm wide	6-1/4" (15.9 cm)
MH21-205-6	SHEEHAN Osteotome	6 mm wide	6-1/4" (15.9 cm)
MH21-205-8	SHEEHAN Osteotome	8 mm wide	6-1/4" (15.9 cm)
MH21-205-10	SHEEHAN Osteotome	10 mm wide	6-1/4" (15.9 cm)
MH21-205-12	SHEEHAN Osteotome	12 mm wide	6-1/4" (15.9 cm)
MH21-206-4	COTTLE Osteotome	4 mm wide, rounded corners	7" (17.8 cm)
MH21-206-7	COTTLE Osteotome	7 mm wide, rounded corners	7" (17.8 cm)
MH21-206-9	COTTLE Osteotome	9 mm wide, rounded corners	7" (17.8 cm)
MH21-206-12	COTTLE Osteotome	12 mm wide, rounded corners	7" (17.8 cm)
MH21-232	NEIVERT Osteotome	straight, with single guard	8" (20.3 cm)
MH21-233	NEIVERT-ANDERSON Osteotome	curved right, with single guard	8" (20.3 cm)
MH21-234	NEIVERT-ANDERSON Osteotome	curved left, with single guard	8" (20.3 cm)
MH27-438	HIBBS Osteotome	straight, 1/4" (.64 cm)	9" (22.9 cm)
MH27-438C	HIBBS Osteotome	curved, 1/4" (.64 cm)	9" (22.9 cm)
MH27-440	HIBBS Osteotome	straight, 3/8" (.95 cm)	9" (22.9 cm)
MH27-440C	HIBBS Osteotome	curved, 3/8" (.95 cm)	9" (22.9 cm)
MH27-442	HIBBS Osteotome	straight, 1/2" (1.3 cm)	9" (22.9 cm)
MH27-442C	HIBBS Osteotome	curved, 1/2" (1.3 cm)	9" (22.9 cm)



MH21-205-2 to MH21-205-12



MH21-206-4 to MH21-206-12



MH21-232



MH21-233



MH21-234



MH27-438 to MH27-442C

Osteotomes

REF	Description	Type	Length
MH27-444	HIBBS Osteotome	straight, 5/8″ (1.6 cm)	9″ (22.9 cm)
MH27-444C	HIBBS Osteotome	curved, 5/8″ (1.6 cm)	9″ (22.9 cm)
MH27-446	HIBBS Osteotome	straight, 3/4″ (1.9 cm)	9″ (22.9 cm)
MH27-446C	HIBBS Osteotome	curved, 3/4″ (1.9 cm)	9″ (22.9 cm)
MH27-447	HIBBS Osteotome	straight, 7/8″ (2.2 cm)	9″ (22.9 cm)
MH27-447C	HIBBS Osteotome	curved, 7/8″ (2.2 cm)	9″ (22.9 cm)
MH27-448	HIBBS Osteotome	straight, 1″ (2.5 cm)	9″ (22.9 cm)
MH27-448C	HIBBS Osteotome	curved, 1″ (2.5 cm)	9″ (22.9 cm)
MH27-488	LAMBOTTE Osteotome	straight, 1/4″ (6 mm)	9″ (22.9 cm)
MH27-490	LAMBOTTE Osteotome	straight, 1/2″ (13 mm)	9″ (22.9 cm)
MH27-492	LAMBOTTE Osteotome	straight, 3/4″ (19 mm)	9″ (22.9 cm)
MH27-494	LAMBOTTE Osteotome	straight, 1″ (25 mm)	9″ (22.9 cm)
MH27-496	LAMBOTTE Osteotome	straight, 1-1/4″ (32 mm)	9″ (22.9 cm)
MH27-498	LAMBOTTE Osteotome	straight, 1-1/2″ (38 mm)	9″ (22.9 cm)
MH27-499	LAMBOTTE Osteotome	curved, 1/4″ (6 mm)	9″ (22.9 cm)
MH27-500	LAMBOTTE Osteotome	curved, 1/2″ (13 mm)	9″ (22.9 cm)
MH27-502	LAMBOTTE Osteotome	curved, 3/4″ (19 mm)	9″ (22.9 cm)
MH27-504	LAMBOTTE Osteotome	curved, 1″ (25 mm)	9″ (22.9 cm)
MH27-506	LAMBOTTE Osteotome	curved, 1-1/4″ (32 mm)	9″ (22.9 cm)
MH27-508	LAMBOTTE Osteotome	curved, 1-1/2″ (38 mm)	9″ (22.9 cm)



MH27-444 to MH27-448



MH27-444C to MH27-448C



MH27-488 to MH27-498



MH27-499 to MH27-508

MeisterHand By Miltex

Elevators

REF	Description	Type	Length
MH18-1968	FREER Elevator	double end, sharp & blunt blades 5 mm wide	7″ (17.8 cm)
MH21-60	COTTLE Septum Elevator	double end, graduated in cm	9″ (22.9 cm)
MH21-64	JOSEPH Periosteal Elevator	strong curved blade 6.5 mm wide	7″ (17.8 cm)
MH21-72	COTTLE Skin Elevator	slightly curved blade 9 mm wide	7-1/2″ (19.1 cm)
MH26-1410	LANGENBECK Periosteal Elevator	narrow model, 7 mm wide blunt blade	7-1/2″ (19.1 cm)
MH26-1412	LANGENBECK Periosteal Elevator	wide model, 17 mm wide sharp blade	7-1/2″ (19.1 cm)
MH27-820	KEY Periosteal Elevator	1/4″ (.64 cm) wide	7″ (17.8 cm)
MH27-822	KEY Periosteal Elevator	1/2″ (1.3 cm) wide	7-1/2″ (19.1 cm)
MH27-824	KEY Periosteal Elevator	3/4″ (1.9 cm) wide	8″ (20.3 cm)
MH27-826	KEY Periosteal Elevator	1″ (2.5 cm) wide	8-1/4″ (21 cm)



MH18-1968



MH21-60



MH21-64



MH21-72



MH26-1410



MH26-1412



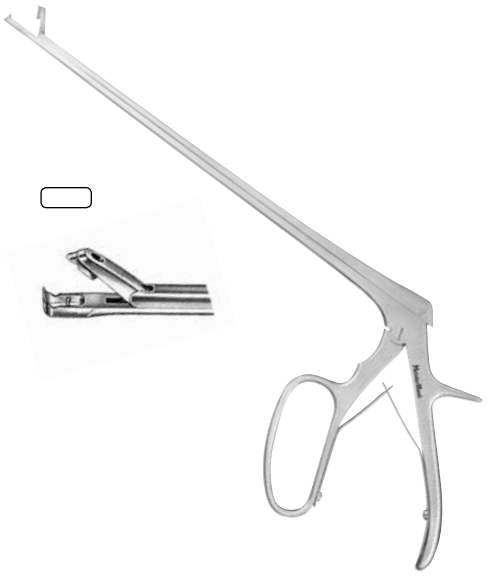
MH27-820 to MH27-826

Biopsy Forceps

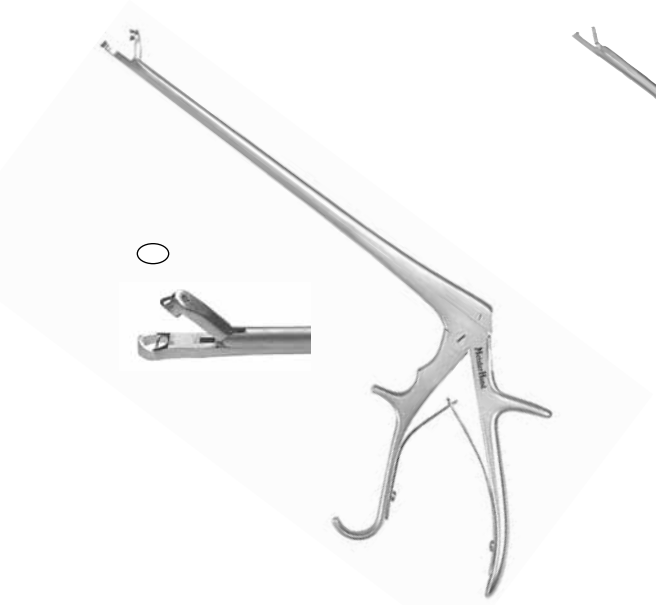
REF	Description	Type	Length
MH30-1405	THOMS-GAYLOR Uterine Biopsy Forceps	angled shank, curved jaws, 5 mm bite, interfitted cups	8-1/2" (21.6 cm)
MH30-1442	TISCHLER Cervical Biopsy Punch Forceps	7 mm x 3 mm x 1.5 mm bite	8" (20.3 cm) shaft
MH30-1443	BURKE (Modified Baby TISCHLER) Cervical Biopsy Punch Forceps	4.5 mm x 3 mm x 1.5 mm bite	7-3/4" (19.7 cm) shaft
MH30-1482	KEVORKIAN-YOUNGE Uterine Biopsy Forceps	3.5 mm x 8 mm bite, teeth on lower jaw	9-1/2" (24.1 cm) shaft
MH30-1485	EPPENDORFER Uterine Biopsy Forceps	-	8-1/2" (21.6 cm) shaft



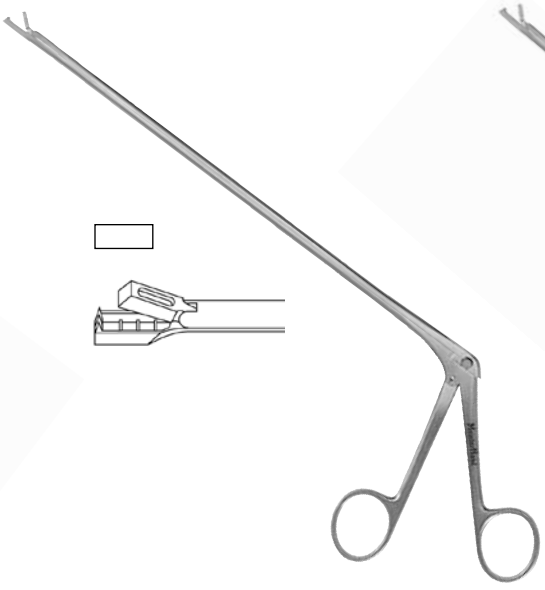
MH30-1405



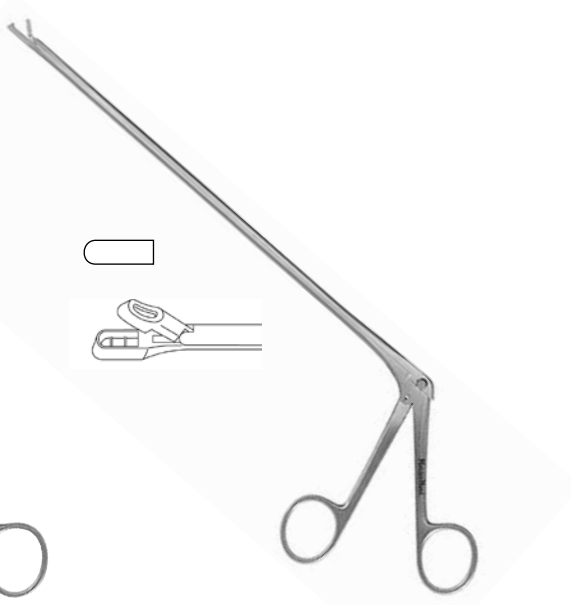
MH30-1442



MH30-1443



MH30-1482



MH30-1485

MeisterHand By Miltex

Scalpel Handles

REF	Description	Type
MH4-7*	Knife Handle	no. 3, fitting surgical blades nos. 10 through 15c, extra fine
MH4-8*	Knife Handle	no. 4, fitting surgical blades nos. 20 through 25, extra fine
MH4-9	Knife Handle	no. 7, fitting surgical blades nos. 10 through 15c, extra fine
MH4-10	Knife Handle	no. 3L, for deep surgery, fitting surgical blades nos. 10 thru 15c, extra fine

* Handles have mm & cm graduations



MH4-7



MH4-8



MH4-9



MH4-10

Saws

REF	Description	Type	Size
MH26-119	GIGLI Saw Handle	standard pattern, T-shaped, turnable	-
MH26-124	GIGLI-STRULLY Saw Handle	standard pattern, loop grip, rigid, with snap lock	-
MH33-140	Finger Ring Cutter	with circular saw blade, chrome	6-1/2" (16.5 cm)
MH33-142	Replacement Blade	fits Finger Ring Cutter MH33-140, chrome	-



MH26-119



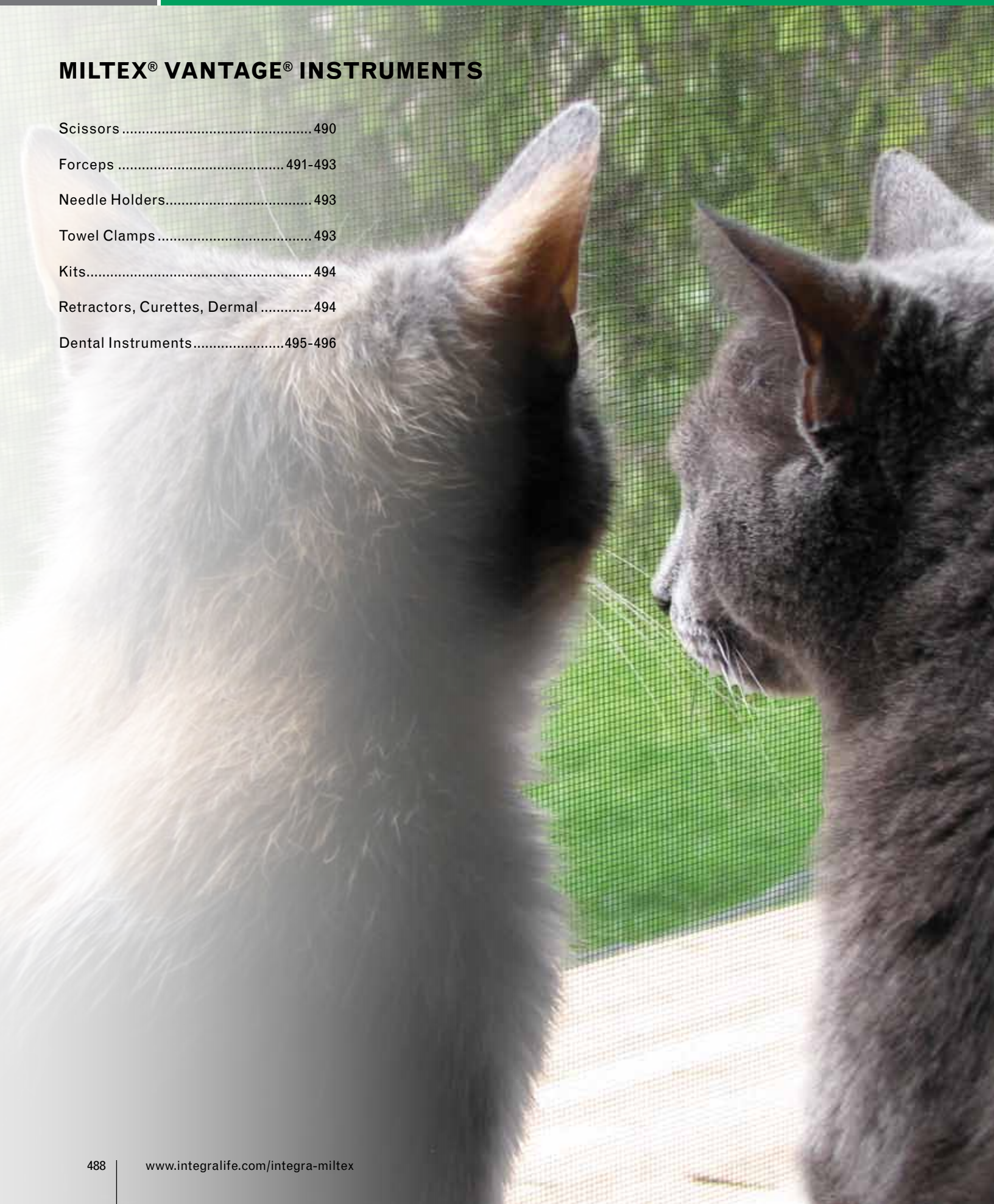
MH26-124



MH33-140
MH33-142

MILTEX® VANTAGE® INSTRUMENTS

Scissors 490
Forceps 491-493
Needle Holders 493
Towel Clamps 493
Kits 494
Retractors, Curettes, Dermal 494
Dental Instruments 495-496



Vantage® By Miltex®

INTRODUCTION

Vantage® Instruments are forged from high quality Japanese stainless steel and then ''finished'' at low cost manufacturing facilities carefully selected by Miltex to ensure a quality instrument available to our customers at a cost competitive price.

This combination offers a high quality product at a ''mid-grade'' price and ensures a pattern consistency throughout the Vantage® product line.

The unique ''Advantage'' from Miltex is to provide positive choices to the Professional when confronted with important budgetary considerations.

Vantage By Miltex

Scissors

REF	Description	Type	Length
V1718	VANTAGE White Dog Nail Scissors	-	
V95-2	VANTAGE Operating Scissors	straight, sharp/sharp	4-1/2" (11.4 cm)
V95-4	VANTAGE Operating Scissors	straight, sharp/sharp	5" (12.7 cm)
V95-6	VANTAGE Operating Scissors	straight, sharp/sharp	5-1/2" (14 cm)
V95-8	VANTAGE Operating Scissors	straight, sharp/sharp	6-1/2" (16.5 cm)
V95-9	VANTAGE Operating Scissors	straight, sharp/sharp	7-1/2" (19.1 cm)
V95-12	VANTAGE Operating Scissors	straight, sharp/blunt	4-1/2" (11.4 cm)
V95-16	VANTAGE Operating Scissors	straight, sharp/blunt	5-1/2" (14 cm)
V95-18	VANTAGE Operating Scissors	straight, sharp/blunt	6-1/2" (16.5 cm)
V95-19	VANTAGE Operating Scissors	straight, sharp/blunt	7-1/2" (19.1 cm)
V95-22	VANTAGE Operating Scissors	straight, blunt/blunt	4-1/2" (11.4 cm)
V95-26	VANTAGE Operating Scissors	straight, blunt/blunt	5-1/2" (14 cm)
V95-28	VANTAGE Operating Scissors	straight, blunt/blunt	6-1/2" (16.5 cm)
V95-29	VANTAGE Operating Scissors	straight, sharp/blunt	7-1/2" (19.1 cm)
V95-32	VANTAGE Operating Scissors	curved, sharp/sharp	4-1/2" (11.4 cm)
V95-36	VANTAGE Operating Scissors	curved sharp/sharp	5-1/2" (14 cm)
V95-38	VANTAGE Operating Scissors	curved, sharp/sharp	6-1/2" (16.5 cm)
V95-42	VANTAGE Operating Scissors	curved, sharp/blunt	4-1/2" (11.4 cm)
V95-46	VANTAGE Operating Scissors	curved, sharp/blunt	5-1/2" (14 cm)
V95-48	VANTAGE Operating Scissors	curved, sharp/blunt	6-1/2" (16.5 cm)
V95-52	VANTAGE Operating Scissors	curved, blunt/blunt	4-1/2" (11.4 cm)
V95-56	VANTAGE Operating Scissors	curved, blunt/blunt	5-1/2" (14 cm)
V95-58	VANTAGE Operating Scissors	curved, blunt/blunt	6-1/2" (16.5 cm)
V95-120	VANTAGE MAYO Dissecting Scissors	straight	5-1/2" (14 cm)
V95-122	VANTAGE MAYO Dissecting Scissors	curved	5-1/2" (14 cm)
V95-124	VANTAGE MAYO Dissecting Scissors	straight	6-3/4" (17.1 cm)
V95-126	VANTAGE MAYO Dissecting Scissors	curved	6-3/4" (17.1 cm)
V95-180	VANTAGE METZENBAUM Scissors	curved	5-1/2" (14 cm)
V95-182	VANTAGE METZENBAUM Scissors	curved	7" (17.8 cm)
V95-304	VANTAGE Iris Scissors	straight	4-1/8" (10.5 cm)
V95-306	VANTAGE Iris Scissors	curved	4-1/8" (10.5 cm)
V95-312	VANTAGE Strabismus Scissors	straight	4" (10.2 cm)
V95-314	VANTAGE Strabismus Scissors	curved	4" (10.2 cm)
V95-500SS	VANTAGE LISTER Bandage Scissors	-	3-1/2" (8.9 cm)
V95-502SS	VANTAGE LISTER Bandage Scissors	-	4-1/2" (11.4 cm)
V95-504SS	VANTAGE LISTER Bandage Scissors	-	5-1/2" (14 cm)
V95-506SS	VANTAGE LISTER Bandage Scissors	-	7-1/4" (18.4 cm)
V95-524	VANTAGE LISTER Bandage Scissors	gold plated	5-1/2" (14 cm)
V95-532	VANTAGE LISTER Bandage Scissors	with pocket clip	5-1/2" (14 cm)
V95-550	VANTAGE LISTER Bandage Scissors	one large finger ring	8" (20.3 cm)
V95-560	VANTAGE KNOWLES Bandage Scissors	-	5-1/2" (14 cm)
V95-568	VANTAGE ESMARCH Plaster Shears	-	8" (20.3 cm)
V95-600	VANTAGE First Aid Shears	with wire cutter, one serrated blade	8-1/2" (21.5 cm)
V95-1000	VANTAGE Universal Scissors	black handle	7-1/2" (19.1 cm)
V95-1025	VANTAGE Universal Scissors	red handle	7-1/2" (19.1 cm)
V95-1026	VANTAGE Universal Scissors	orange handle	7-1/2" (19.1 cm)
V95-1027	VANTAGE Universal Scissors	blue handle	7-1/2" (19.1 cm)
V95-1028	VANTAGE Universal Scissors	purple handle	7-1/2" (19.1 cm)
V95-1029	VANTAGE Universal Scissors	green handle	7-1/2" (19.1 cm)
V95-1030	VANTAGE Universal Scissors	yellow handle	7-1/2" (19.1 cm)
V99-100	VANTAGE SPENCER Stitch Scissors	delicate	3-1/2" (9.5 cm)
V99-102	VANTAGE LITTAUER JUNIOR Stitch Scissors	standard pattern	4-1/2" (11.4 cm)
V99-104	VANTAGE LITTAUER Stitch Scissors	standard pattern	5-1/2" (14 cm)
V99-124	VANTAGE Universal Wire Cutting Scissors	angular, one serrated blade	4-3/4" (12.1cm)
V99D-133	VANTAGE Collar Crown Scissors	straight	4" (10.2 cm)
V99D-135	VANTAGE Collar Crown Scissors	curved	4" (10.2 cm)
V918-1462	VANTAGE STEVENS Tenotomy Scissors	straight/blunt	4-1/8" (10.5 cm)
V918-1466	VANTAGE STEVENS Tenotomy Scissors	curved/blunt	4-1/8" (10.5cm)
V918-1652	VANTAGE Eye Suture Scissors	curved	3-3/4" (9.5 cm)

Vantage By Miltex

Forceps

REF	Description	Type	Length
V92-70	VANTAGE MAGILL Catheter Forceps	large	9″ (22.8 cm)
V92-72	VANTAGE MAGILL Catheter Forceps	petite	7″ (17.7 cm)
V93-10	VANTAGE Sterilizer Forceps	3-prong	8″ (20.3 cm)
V96-1	VANTAGE Dressing Forceps	serrated tips	3-1/2″ (8.9 cm)
V96-4	VANTAGE Dressing Forceps	serrated tips	4-1/2″ (11.4 cm)
V96-6	VANTAGE Dressing Forceps	serrated tips	5″ (12.7 cm)
V96-8	VANTAGE Dressing Forceps	serrated tips	5-1/2″ (14 cm)
V96-10	VANTAGE Dressing Forceps,	serrated tips	6″ (15.2cm)
V96-14	VANTAGE Dressing Forceps	serrated tips	8″ (20.3 cm)
V96-16	VANTAGE Dressing Forceps	serrated tips	10″ (25.4 cm)
V96-18	VANTAGE Dressing Forceps	serrated tips	12″ (30.5 cm)
V96-40	VANTAGE Tissue Forceps	1 x 2 teeth	4-1/2″ (11.4 cm)
V96-42	VANTAGE Tissue Forceps	1 x 2 teeth	5″ (12.7 cm)
V96-44	VANTAGE Tissue Forceps	1 x 2 teeth	5-1/2″ (14 cm)
V96-46	VANTAGE Tissue Forceps	1 x 2 teeth	6″ (15.2 cm)
V96-104	VANTAGE SEMKEN Dressing Forceps	serrated	5″ (12.7 cm)
V96-106	VANTAGE SEMKEN Tissue Forceps	1 x 2 teeth	5″ (12.7 cm)
V96-118	VANTAGE ADSON Dressing Forceps	serrated tips	4-3/4″ (12.1 cm)
V96-120	VANTAGE ADSON Tissue Forceps	1 x 2 teeth	4-3/4″ (12.1 cm)
V96-124	VANTAGE BROWN-ADSON Tissue Forceps	7 x 7 teeth	4-3/4″ (12.1 cm)
V96-142	VANTAGE RUSSIAN Tissue Forceps	-	6″ (15.2 cm)
V96-197	VANTAGE JANSEN Bayonet Dressing Forceps	-	6-1/4″ (15.9 cm)
V96-300	VANTAGE Splinter Forceps	fine serrated points	3-1/2″ (8.9 cm)
V96-304	VANTAGE Splinter Forceps	fine serrated points	4-1/2″ (11.4 cm)
V96-312	VANTAGE WALTER Splinter Forceps	straight	4-1/2″ (11.4 cm)
V96-314	VANTAGE WALTER Splinter Forceps	curved	4-1/2″ (11.4 cm)
V96-316	VANTAGE FEILCHENFELD Splinter Forceps	-	3″ (7.6 cm)
V96-318	VANTAGE FEILCHENFELD Splinter Forceps	-	4-1/2″ (11.4 cm)
V96-329	VANTAGE Splinter Forceps	magnifier, in black plastic case	3″ (7.6 cm)
V96-336	VANTAGE VIRTUS Splinter Forceps	-	6″ (15.2 cm)
V96-400	VANTAGE Splinter Liberators	reversible handle with needle sharp tips	5″ (12.7 cm)
V96-410	VANTAGE Professional Splinter Removal Kit	V96-312 & V96-400 in case	-

Hemostatic Forceps

REF	Description	Type	Length
V97-2	VANTAGE HALSTED Mosquito Forceps	straight	5″ (12.7 cm)
V97-4	VANTAGE HALSTED Mosquito Forceps	curved	5″ (12.7 cm)
V97-24	VANTAGE HARTMAN Mosquito Forceps	straight	3-1/2″ (8.9 cm)
V97-26	VANTAGE HARTMAN Mosquito Forceps	curved	3-1/2″ (8.9 cm)
V97-30	VANTAGE PROVIDENCE HOSPITAL Forceps	straight	5-1/2″ (14 cm)
V97-32	VANTAGE PROVIDENCE HOSPITAL Forceps	curved	5-1/2″ (14 cm)
V97-36	VANTAGE KELLY Forceps	straight	5-1/2″ (14 cm)
V97-38	VANTAGE KELLY Forceps	curved	5-1/2″ (14 cm)
V97-42	VANTAGE CRILE Forceps	straight	5-1/2″ (14 cm)
V97-44	VANTAGE CRILE Forceps	curved	5-1/2″ (14 cm)
V97-46	VANTAGE CRILE Forceps	straight	6-1/4″ (15.9 cm)
V97-48	VANTAGE CRILE Forceps	curved	6-1/4″ (15.9 cm)
V97-66	VANTAGE KOCHER Forceps	straight, 1 x 2 teeth	5-1/2″ (14 cm)
V97-68	VANTAGE KOCHER Forceps	curved, 1 x 2 teeth	5-1/2″ (14 cm)
V97-92	VANTAGE RANKIN Forceps	straight	6-1/4″ (15.9 cm)
V97-94	VANTAGE RANKIN Forceps	curved	6-1/4″ (15.9 cm)
V97-118	VANTAGE ROCHESTER-PEAN Forceps	straight	5-1/2″ (14 cm)
V97-120	VANTAGE ROCHESTER-PEAN Forceps	straight	6-1/4″ (15.9 cm)
V97-122	VANTAGE ROCHESTER-PEAN Forceps	straight	7-1/4″ (19.1 cm)
V97-124	VANTAGE ROCHESTER-PEAN Forceps	straight	8″ (20.3 cm)
V97-126	VANTAGE ROCHESTER-PEAN Forceps	straight	9″ (22.9 cm)
V97-128	VANTAGE ROCHESTER-PEAN Forceps	straight	10-1/4″ (26 cm)
V97-136	VANTAGE ROCHESTER-PEAN Forceps	curved	5-1/2″ (14 cm)

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Hemostatic Forceps, continued

REF	Description	Type	Length
V97-138	VANTAGE ROCHESTER-PEAN Forceps	curved	6-1/4" (15.9 cm)
V97-140	VANTAGE ROCHESTER-PEAN Forceps	curved	7-1/4" (19.1 cm)
V97-142	VANTAGE ROCHESTER-PEAN Forceps	curved	8" (20.3 cm)
V97-144	VANTAGE ROCHESTER-PEAN Forceps	curved	9" (22.9 cm)
V97-146	VANTAGE ROCHESTER-PEAN Forceps	curved	10-1/4" (26 cm)
V97-150	VANTAGE ROCHESTER-OCHSNER Forceps	straight, 1 x 2 teeth	6-1/4" (15.9 cm)
V97-152	VANTAGE ROCHESTER-OCHSNER Forceps	straight, 1 x 2 teeth	7-1/4" (19.1 cm)
V97-154	VANTAGE ROCHESTER-OCHSNER Forceps	straight, 1 x 2 teeth	8" (20.3 cm)
V97-156	VANTAGE ROCHESTER-OCHSNER Forceps	straight, 1 x 2 teeth	9" (22.9 cm)
V97-157	VANTAGE ROCHESTER-OCHSNER Forceps	straight, 1 x 2 teeth	10" (25.4 cm)
V97-160	VANTAGE ROCHESTER-OCHSNER Forceps	curved, 1 x 2 teeth	6-1/4" (15.9 cm)
V97-162	VANTAGE ROCHESTER-OCHSNER Forceps	curved, 1 x 2 teeth	7-1/4" (19.1 cm)
V97-164	VANTAGE ROCHESTER-OCHSNER Forceps	curved, 1 x 2 teeth	8" (20.3 cm)
V97-166	VANTAGE ROCHESTER-OCHSNER Forceps	curved , 1 x 2 teeth	9" (22.9 cm)
V97-167	VANTAGE ROCHESTER-OCHSNER Forceps	curved, 1 x 2 teeth	10" (25.4 cm)
V97-170	VANTAGE ROCHESTER-CARMALT Forceps	straight	6-1/4" (15.9 cm)
V97-172	VANTAGE ROCHESTER-CARMALT Forceps	curved	6-1/4" (15.9 cm)
V97-180	VANTAGE ROCHESTER-CARMALT Forceps	straight	8" (20.3 cm)
V97-182	VANTAGE ROCHESTER-CARMALT Forceps	curved	8" (20.3 cm)
V97-584	VANTAGE ST. VINCENT Tube Occluding Forceps	curved, smooth jaws	6-1/2" (16.5 cm)
V97-585	VANTAGE Tube Occluding Forceps, U.S. Pattern	straight, serrated jaws with stop	5-3/4" (14.6 cm)
V97-588	VANTAGE Presbyterian Hospital Tube Occluding Forceps, English Pattern	straight, smooth jaws	4-1/2" (11.4 cm)
V97-590	VANTAGE Presbyterian Hospital Tube Occluding Forceps	straight, smooth jaws, heavy pattern	7" (17.8 cm)
V97-591	VANTAGE Presbyterian Hospital Tube Occluding Forceps, U.S. Pattern	straight serrated jaws with stop	7-1/2" (19.1 cm)
V97-600	VANTAGE FOERSTER Sponge Forceps	straight, serrated jaws	9-1/2" (24.1 cm)
V97-604	VANTAGE FOERSTER Sponge Forceps	straight, serrated jaws	7" (17.8 cm)
V97-610	VANTAGE FOERSTER Sponge Forceps	curved, serrated jaws	9-1/2" (24.1 cm)
V97-622	VANTAGE BOZEMAN Dressing Forceps	double curved	10-1/2"(26.7 cm)
V99-60	VANTAGE MICHEL Clip Applying Removing Forceps	double-end	5" (12.7 cm)
V916-6	VANTAGE ALLIS Tissue Forceps	4 x 5 teeth	6" (15.2 cm)
V916-8	VANTAGE ALLIS Tissue Forceps	5 x 6 teeth	6" (15.2cm)
V916-10	VANTAGE ALLIS Tissue Forceps	5 x 6 teeth	7-1/4" (18.4 cm)
V916-44	VANTAGE BABCOCK Tissue Forceps	8 mm wide jaws	6-1/4" (15.9 cm)
V916-160	VANTAGE DOYEN Intestinal Forceps	straight, longitudinal serrations	9" (22.9 cm)
V916-162	VANTAGE DOYEN Intestinal Forceps	curved, longitudinal serrations	9" (22.9 cm)

Tissue Forceps

REF	Description	Type	Length
V918-780	VANTAGE Eye Dressing Forceps	straight, serrated	4" (10.2 cm)
V918-782	VANTAGE Eye Dressing Forceps	half curved, serrated	4" (10.2 cm)
V918-784	VANTAGE Eye Dressing Forceps	full curved, serrated	4" (10.2 cm)
V918-786	VANTAGE Iris Forceps	straight, 1 x 2 teeth	4" (10.2 cm)
V918-788	VANTAGE Iris Forceps	half curved, 1 x 2 teeth	4" (10.2 cm)
V918-790	VANTAGE Iris Forceps	full curved, 1 x 2 teeth	4" (10.2 cm)
V918-850	VANTAGE GRAEFE Tissue Forceps	fine teeth	4-3/8" (11.2 cm)
V918-866	VANTAGE BISHOP-HARMON Dressing Forceps	serrated	3-3/8" (8.6 cm)
V918-868	VANTAGE BISHOP-HARMON Tissue Forceps	1 x 2 teeth	3-3/8" (8.6 cm)
V918-1110	VANTAGE BERGH Cilia Forceps	fine serrated jaws	3-1/2" (8.9 cm)
V919-350	VANTAGE WILDE Ear Forceps	angular, serrated tips	5" (12.7 cm)
V919-370	VANTAGE LUCAE Ear Forceps	bayonet shape, serrated tips	5-1/2" (14 cm)

Vantage By Miltex

Towel Clamps

REF	Description	Type	Length
V97-500	VANTAGE JONES Towel Clamp	-	3-1/2" (8.9 cm)
V97-504	VANTAGE BACKHAUS Towel Clamp	-	3-1/2" (8.9 cm)
V97-506	VANTAGE BACKHAUS Towel Clamp	-	5-1/4" (14 cm)
V97-510	VANTAGE ROEDER Towel Clamp	with ball stops	5-1/4" (14 cm)
V97-514	VANTAGE LORNA Non-Perforating Towel Forceps	-	3-3/4" (9.5 cm)
V97-515	VANTAGE LORNA Non-Perforating Towel Forceps	-	5-1/4" (14 cm)
V97-520	VANTAGE PEERS Non-Perforating Towel Clamp	-	5-3/4" (14.6 cm)

Alligator Forceps

REF	Description	Type	Length
V919-434	VANTAGE HARTMAN NOYES Alligator Forceps	serrated jaws	3-1/4" (8.3 cm) shaft
V919-434A	VANTAGE HARTMAN NOYES Alligator Forceps	serrated jaws extra delicate pattern	3-1/4" (8.3 cm) shaft
V920-140	VANTAGE NOYES Alligator Forceps	serrated jaws	5-1/2" (14 cm)
V920-142	VANTAGE NOYES Alligator Forceps	shaft, serrated jaws	6-1/2" (16.5 cm)

Bone Cutting Forceps

REF	Description	Type	Length
V927-4	VANTAGE KERN Bone Forceps	with ratchet	9-1/2" (24.1 cm)
V927-7	VANTAGE KERN Bone Forceps	with ratchet	6-1/2" (16.5 cm)
V927-1390	VANTAGE LISTON Bone Cutting Forceps	straight	5-1/2" (14 cm)
V927-3100	VANTAGE Cast Spreader	3-prong, with spring	9" (22.9 cm)

Needle Holders

REF	Description	Type	Length
V98-2	VANTAGE COLLIER Needle Holder	fenestrated jaws	5" (12.7 cm)
V98-4	VANTAGE DERF Needle Holder	-	4-3/4" (12.1 cm)
V98-6	VANTAGE WEBSTER Needle Holder	smooth jaws	5" (12.7 cm)
V98-8	VANTAGE HALSEY Needle Holder	smooth jaws	5" (12.7 cm)
V98-15	VANTAGE OLSEN-HEGAR Needle Holder	with suture scissors	5-1/2" (14 cm)
V98-16	VANTAGE OLSEN-HEGAR Needle Holder	with suture scissors	6-1/2" (16.5 cm)
V98-17	VANTAGE OLSEN-HEGAR Needle Holder	with suture scissors	7-1/2" (19.1cm)
V98-28	VANTAGE MATHIEU Needle Holder	spring handles	5-1/2" (14 cm)
V98-40	VANTAGE BAUMGARTNER Needle Holder	-	5-1/2" (14 cm)
V98-42	VANTAGE MAYO-HEGAR Needle Holder	-	5" (12.7 cm)
V98-44	VANTAGE MAYO-HEGAR Needle Holder	-	6" (15.2 cm)
V98-46	VANTAGE MAYO-HEGAR Needle Holder	-	7" (17.8 cm)
V98-48	VANTAGE MAYO-HEGAR Needle Holder	-	8" (20.3 cm)
V98-50	VANTAGE CRILE-WOOD Needle Holder	delicate jaws	6" (15.2 cm)
V918-1828	VANTAGE CASTROVIEJO Needle Holder	straight, with catch	5-1/2" (14 cm)

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Retractors

REF	Description	Type	Length
V911-366	VANTAGE GELPI Retractor	grip lock ratchet	6-3/4" (17.1 cm)
V911-600	VANTAGE WEITLANER Retractor	sharp 2 x 3 teeth, grip lock ratchet	4" (10.2 cm)
V911-602	VANTAGE WEITLANER Retractor	blunt 2 x 3 teeth, grip lock ratchet	4" (10.2 cm)
V911-608	VANTAGE WEITLANER Retractor	sharp 3 x 4 teeth, grip lock ratchet	5-1/2" (14 cm)
V911-610	VANTAGE WEITLANER Retractor	blunt 3 x 4 teeth, grip lock ratchet	5-1/2" (14 cm)
V911-614	VANTAGE WEITLANER Retractor	sharp 3 x 4 teeth, grip lock ratchet	6-1/2" (16.5 cm)
V911-616	VANTAGE WEITLANER Retractor	blunt 3 x 4 teeth, grip lock ratchet	6 1/2" (16.5cm)
V911-74	VANTAGE SENN Retractor	double ended, 3 sharp prongs	6-3/8" (16.2 cm)
V96006	VANTAGE Covault Hook	octagon handle	-
V96008	VANTAGE Snook Hook	flat handle	8" (20.3 cm)
V918-412	VANTAGE TYRELL Hook	sharp	-

Ear Curettes & Syringes

REF	Description	Type	Length
V919-280	VANTAGE BUCK Ear Curette	straight/blunt	size 00
V919-282	VANTAGE BUCK Ear Curette	straight/blunt	size 0
V919-284	VANTAGE BUCK Ear Curette	straight/blunt	size 1
V919-286	VANTAGE BUCK Ear Curette	straight/blunt	size 2
V919-288	VANTAGE BUCK Ear Curette	straight/blunt	size 3
V919-381	VANTAGE Metal Ear Syringe	2-ounce capacity	-
V919-383	VANTAGE Metal Ear Syringe	3-ounce capacity	-
V919-385	VANTAGE Metal Ear Syringe	4-ounce capacity	-
V919-390	VANTAGE short bulbous tip	-	-
V919-394	VANTAGE tapered tip for Metal Ear Syringes	-	-
V919-396	VANTAGE shield for Metal Ear Syringes	-	-

Dermal Instruments & Hooks

REF	Description	Type	Length
V91-226	VANTAGE WARTENBERG Pinwheel	-	-
V933-140	VANTAGE Finger Ring Cutter	chrome plated, tool steel saw blade	6-1/4" (15.9 cm)
V933-142	VANTAGE Finger Ring Cutter Blades	tool steel saw blade	-
V933-200	VANTAGE Comedone Extractor	open ends	-
V933-201	VANTAGE SCHAMBERG Comedone Extractor	small end crimped	-
V966-317	VANTAGE College Pliers	with pin, serrated tips	6" (15.2 cm)
V966-652	VANTAGE Self-Locking College Pliers	serrated tips	6" (15.2 cm)

Instrument Kits

REF	Description	Type	Length
V96800	VANTAGE General Surgery Kit	-	-
V96810	VANTAGE Canine Spay Kit	-	-
V96820	VANTAGE Feline Spay Kit	-	-

Vantage By Miltex

Dental Carriers, Carvers, Pliers & Scrapers

REF	Description	Type
V971-50	VANTAGE Amalgam Carrier	single ended, medium stainless barrel
V971-51	VANTAGE Amalgam Carrier	single ended, medium barrel
V971-52	VANTAGE Amalgam Carrier	single ended, large stainless barrel
V971-53	VANTAGE Amalgam Carrier	single ended, large barrel
V971-54	VANTAGE Amalgam Carrier	single ended, jumbo stainless barrel
V971-55	VANTAGE Amalgam Carrier	single ended, jumbo barrel
V971-62	VANTAGE Amalgam Carrier	double ended, medium/large stainless barrel
V971-63	VANTAGE Amalgam Carrier	double ended, medium/large barrel
V971-64	VANTAGE Amalgam Carrier	double ended, medium/jumbo stainless barrel
V971-65	VANTAGE Amalgam Carrier	double ended, medium/jumbo barrel
V971-66	VANTAGE Amalgam Carrier	double ended, large/jumbo stainless barrel
V971-67	VANTAGE Amalgam Carrier	double ended, large/jumbo barrel
V971-68	VANTAGE Amalgam Carrier	double ended, jumbo/jumbo stainless barrel
V971-69	VANTAGE Amalgam Carrier	double ended, jumbo/jumbo barrel
V973-48	VANTAGE No. 5 LECRON Inlay Carver	-
V973-52	VANTAGE ROACH Wax Carver	-
V973-54	VANTAGE VEHE Wax Carver	-
V973-62	VANTAGE No. 7 Wax Spatula	-
V973-70	VANTAGE No. 24 Cement Spatula	flexible blade
V973-72	VANTAGE No. 24A Cement Spatula	rigid blade
V974-20	VANTAGE No. 110 Pliers	-
V974-30	VANTAGE No. 114 Pliers	-
V974-40	VANTAGE No. 118 Pliers	-
V974-45	VANTAGE No. 121 Pliers	-
V974-50	VANTAGE No. 137 Pliers	-
V974-55	VANTAGE No. 139 Pliers	-
V974-75	VANTAGE No. 200 Pliers	-
V96050/1	VANTAGE Tartar Scraper	single ended
V96050/6	VANTAGE Tartar Scraper	double ended

Dental Extracting Forceps

REF	Description	Type	Length
V90-1STD	VANTAGE 1 STD Extracting Forceps	-	7-1/4" (18.4 cm)
V90-1STD-CG	VANTAGE CERAM-A-GRIP 1 STD Extracting Forceps	-	7-1/4" (18.4 cm)
V90-1STD-SG	VANTAGE 1 STD Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-10S	VANTAGE 10S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-10S-CG	VANTAGE CERAM-A-GRIP 10S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-10S-SG	VANTAGE 10S Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-16	VANTAGE 16 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-16-CG	VANTAGE CERAM-A-GRIP 16 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-16-SG	VANTAGE 16 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-17	VANTAGE 17 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-17-CG	VANTAGE CERAM-A-GRIP 17 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-17-SG	VANTAGE 17 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-23	VANTAGE 23 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-23-CG	VANTAGE CERAM-A-GRIP 23 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-23-SG	VANTAGE 23 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-53L	VANTAGE 53L Extracting Forceps	-	7-1/4" (18.4 cm)
V90-53L-CG	VANTAGE CERAM-A-GRIP 53L Extracting Forceps	-	7-1/4" (18.4 cm)
V90-53L-SG	VANTAGE 53L Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-53R	VANTAGE 53R Extracting Forceps	-	7-1/4" (18.4 cm)
V90-53R-CG	VANTAGE CERAM-A-GRIP 53R Extracting Forceps	-	7-1/4" (18.4 cm)
V90-53R-SG	VANTAGE 53R Extracting Forceps	serrated	7-1/4" (18.4 cm)

Vantage By Miltex

Dental Extracting Forceps, continued

REF	Description	Type	Length
V90-62	VANTAGE 62 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-62-CG	VANTAGE 62 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-62-SG	VANTAGE 62 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-65	VANTAGE 65 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-65-CG	VANTAGE CERAM-A-GRIP 65 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-65-SG	VANTAGE 65 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-69	VANTAGE 69 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-69-CG	VANTAGE CERAM-A-GRIP 69 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-69-SG	VANTAGE 69 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-88L	VANTAGE 88L Extracting Forceps	-	7-1/4" (18.4 cm)
V90-88L-CG	VANTAGE CERAM-A-GRIP 88L Extracting Forceps	-	7-1/4" (18.4 cm)
V90-88L-SG	VANTAGE 88L Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-88R	VANTAGE 88R Extracting Forceps	-	7-1/4" (18.4 cm)
V90-88R-CG	VANTAGE CERAM-A-GRIP 88R Extracting Forceps	-	7-1/4" (18.4 cm)
V90-88R-SG	VANTAGE 88R Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-150	VANTAGE 150 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-150-CG	VANTAGE CERAM-A-GRIP 150 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-150-SG	VANTAGE 150 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-150S	VANTAGE 150S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-150S-CG	VANTAGE CERAM-A-GRIP 150S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-150S-SG	VANTAGE 150S Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-151	VANTAGE 151 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-151-CG	VANTAGE CERAM-A-GRIP 151 Extracting Forceps	-	7-1/4" (18.4 cm)
V90-151-SG	VANTAGE 151 Extracting Forceps	serrated	7-1/4" (18.4 cm)
V90-151S	VANTAGE 151S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-151S-CG	VANTAGE CERAM-A-GRIP 151S Extracting Forceps	-	7-1/4" (18.4 cm)
V90-151S-SG	VANTAGE 151S Extracting Forceps	serrated	7-1/4" (18.4 cm)

CG - Ceram-A-Grip®
SG - Serrated

MILTEX® DISPOSABLE PRODUCTS

Biopsy Punches 498

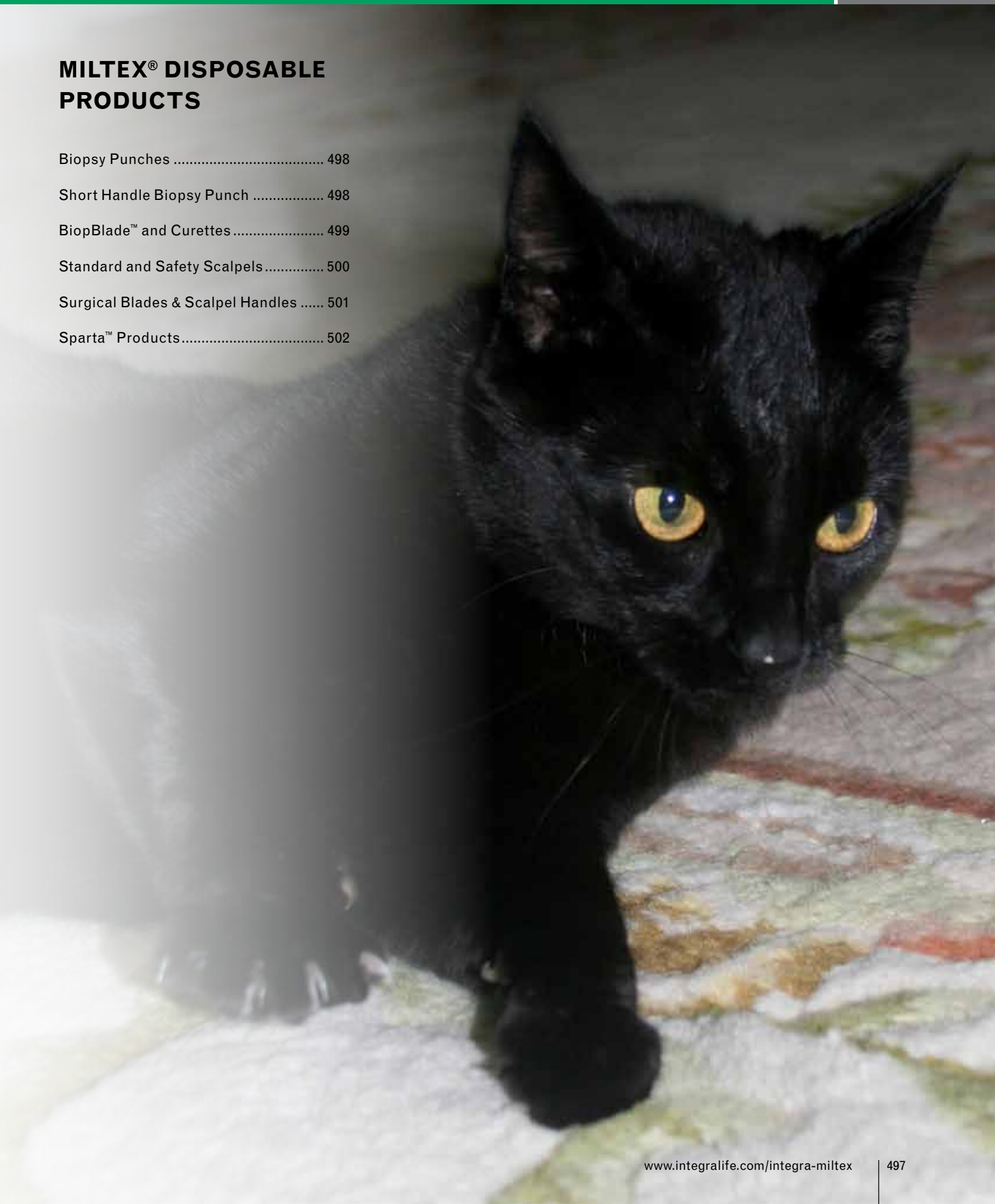
Short Handle Biopsy Punch 498

BiopBlade™ and Curettes 499

Standard and Safety Scalpels 500

Surgical Blades & Scalpel Handles 501

Sparta™ Products 502



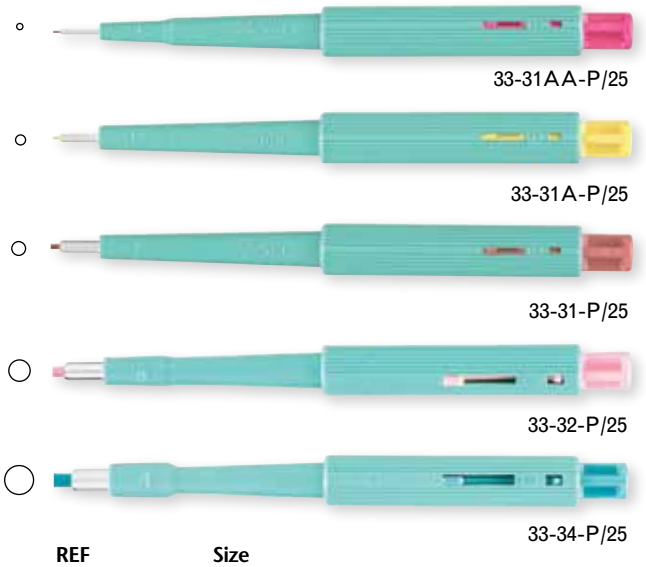
Biopsy Punch, Sterile

Now you can have the convenience of disposable punches along with the quality you expect from Miltex. Miltex offers an extensive product line of sterile disposable biopsy punches that are manufactured from the finest grade surgical steel to ensure superior cutting every time.

- Seamless, stainless steel, razor-sharp cutting edges eliminate torn or pulled biopsies
- Ribbed handle provides comfort and control
- Convenience of disposables, single-use
- Sterile, 5-year shelf life
- Sizes clearly marked on each punch
- Individual color-coded blister packs

Biopsy Punch with Plunger System

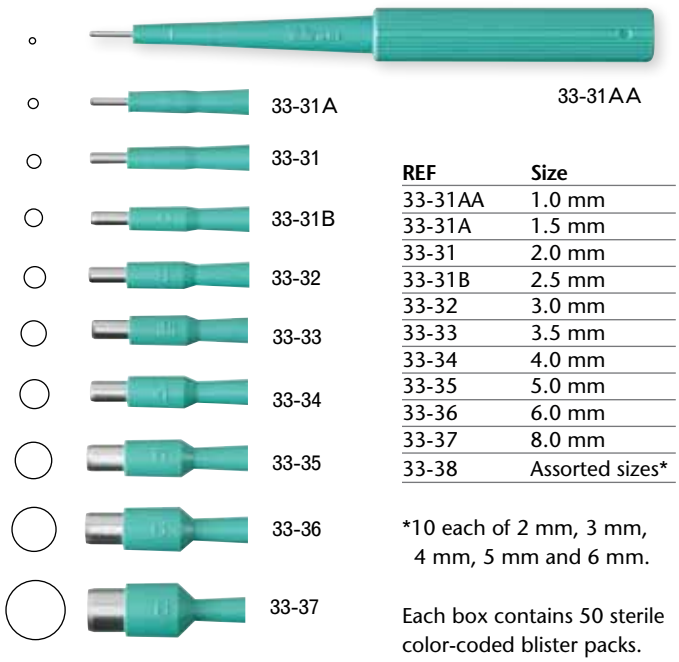
- Effortless ejection of lodged specimens
- Available in boxes of 25
- Color-coded by size; 5 sizes available



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



REF	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*

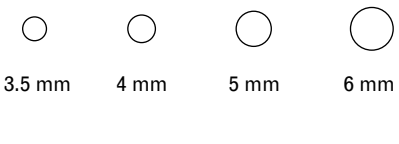
*10 each of 2 mm, 3 mm, 4 mm, 5 mm and 6 mm.

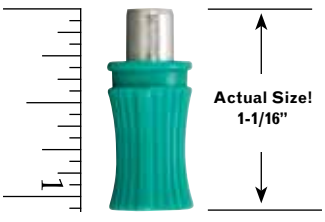
Each box contains 50 sterile color-coded blister packs.

Short Handled Biopsy Punch, Sterile

The Short Handled Biopsy Punch is designed to take tissue samples in all areas of the mouth. The Short Handled Biopsy Punch features the same razor-sharp blade as the original Miltex® biopsy punches, but the handle has been shortened to allow access in the hard to reach posterior areas of the mouth. The total length of the instrument is 1-1/16 inch!

This product is provided in sterile, individually wrapped packets for easy use and is available in the four most common sizes: 3.5 mm, 4 mm, 5 mm and 6 mm.





REF	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

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

Miltex® BiopBlade™, Sterile

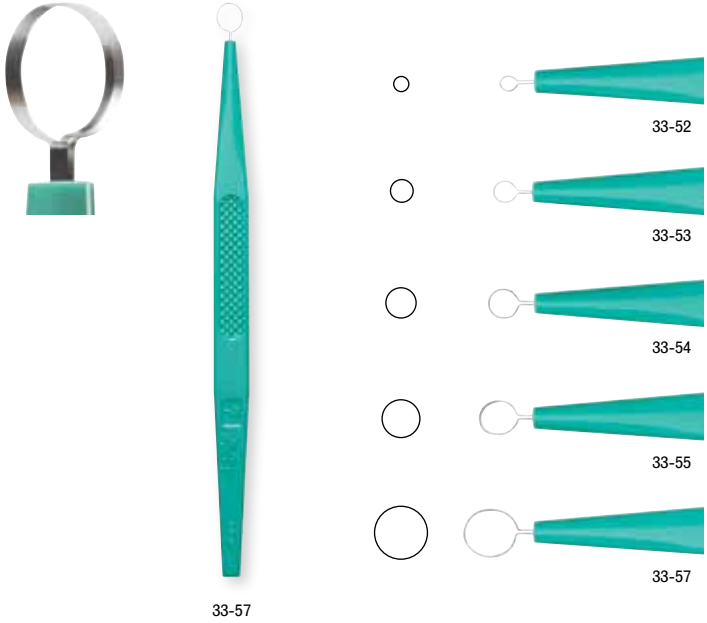
- Ideal for tissue saucerization and shave biopsy
- Incorporates a super sharp blade with rear Finger Guard
- Flexible design allows the blade to be positioned at any angle for the intended procedure
- Disposable, one-time use only
- Sterile, 5-year shelf life



REF	Description	
33-100	Miltex BiopBlade	50 per box

Dermal Curettes, Sterile

- Seamless, stainless steel, semi-sharp cutting edge featuring a unique symmetrically ground beveled edge
- Textured handle provides better comfort and control
- Sterile, 3-year shelf life
- Individually packaged in peel-apart pouches
- Convenience of disposables, single-use
- Sizes clearly marked on each curette
- Each dispenser box contains 50 curettes
- 5 sizes available for a wide range of applications



REF	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

Ear Curettes, Disposable

- Each curette is individually wrapped, non-sterile
- Available in boxes of 50
- Color-coded and available in 4 tip configurations



REF	Description
19-320	Ring Tip, Pink
19-321	Loop Tip, White
19-322	Small Spoon Tip, Gray
19-323	Large Spoon Tip, Peach

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

Safety Scalpels, Sterile

- Complies with OSHA directive for the Needlestick Safety & Prevention Act
- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Pre-assembled, fully retractable scalpel blade is user activated
- Individually packaged in sealed peel-apart pouches
- Metric ruler on each scalpel to assist in determining incision length
- Each dispenser box contains 10 safety scalpels





4-510



4-515



4-511



4-515C



4-512

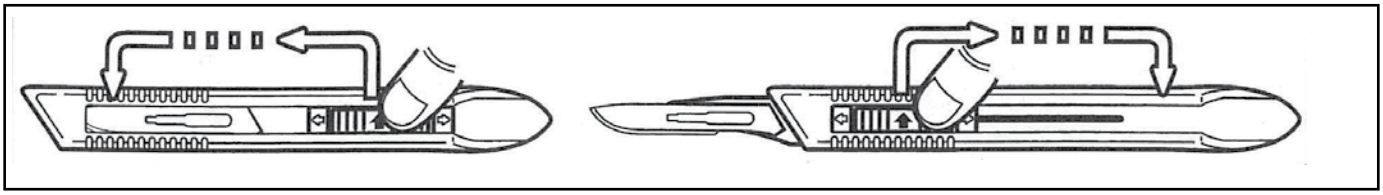


4-522

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

Directions For Use

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



Scalpels, Standard, Sterile

- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Safety sleeve for blade protects you and the blade
- Individually packaged in sealed peel-apart pouches
- Each dispenser box contains 10 scalpels





4-410



4-420



4-411



4-421



4-412



4-422



4-415



4-423

REF	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

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

Surgical Blades, Sterile

Carbon, Stainless Steel or Silicone Coated

- Razor-sharp cutting edge for superior cutting and clean incisions
- Sterile, 5-year shelf life
- Individually packaged in foil peel packs
- Convenience of disposables, single-use
- Sizes clearly marked on each blade
- Available in carbon and stainless steel
- Each dispenser box contains 100 blades
- 11 sizes available



CS* REF	SS** REF	SC*** REF	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* REF.	SS** REF	SC*** REF	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
$^{\Delta}$B is a double edged blade $^{\Delta\Delta}$C is an angled blade

Scalpel Handles

Miltex offers an array of scalpel blade handles. The Miltex® Blade Safe Remover affords protection against accidental cuts and punctures.

REF	Description	Fits Blades 10-15C	Fits Blades 20-25
4-7	**No. 3, stainless steel 5" graduated in mm and cm**	✓	
4-7R	No. 3, 5" graduated in mm and cm	✓	
4-8	No. 4, stainless steel 5.375" graduated in mm and cm		✓
4-8R	No. 4, Nickel 5.375" graduated in mm and cm		✓
4-9	No. 7, stainless steel 6.5"	✓	
4-10*	No. 3L, stainless steel 8.5"	✓	
4-11*	No. 4L, stainless steel 8.5"		✓
4-12*	No. 3LA, stainless steel, angled 8.5"	✓	
4-16	No. 9, stainless steel 4.5"	✓	
4-17	Siegel, stainless steel, round handle 5.75"	✓	
4-18	No. 5, plastic handle 5", green	✓	
4-20	No. 6, plastic handle 5.25", red		✓
4-30**	No. 3, fitting blades 5.5", grey	✓	
4-31**	No. 4, fitting blades 5.5", blue		✓
4-400***	Miniature Blade Handle w/chuck 3-3/4", round knurled (3K type)		
4-401***	Miniature Blade Handle w/self-locking chuck, 3-3/4", round knurled (3K type)		
4-405*	**Self-locking chisel blade handle, stainless steel 5.31"**		
4-100	Blade Safe surgical blade remover for any style handle		



* 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 Miltex, Inc.)

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

Nasostat™ Treatment of Epistaxis

- Nasostat™ may be used in conjunction with anterior packing
- Will control bleeding while minimizing patient discomfort associated with nasal packs
- Is a safe and easily tolerated alternative to other treatments for Epistaxis. (e.g. cautery)
- Sterile, 1-year shelf life



REF	Description
41900	Nasostat Regular, Sterile 5/Bx
41901	Nasostat Slimline, Sterile 5/Bx
41902	Nasostat Large, Sterile 5/Bx
41903	Nasostat Small, Sterile 5/Bx

Surgi-Clamp, Plastic

- Non-sterile operatory clamp
- Multi-functional
- Safe for steam sterilization
- Designed for reuse
- No rust or stain problems



REF	Description	
374201	Surgi-Clamp, Plastic	100/bx
374202	Surgi-Clamp, Plastic	25/bx

Surgi-Prep, Depilatory

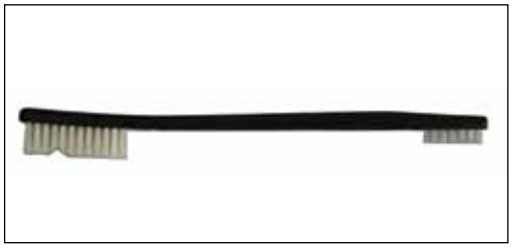
- Fast-acting removal of body hair; dissolves unwanted hair below skin surface
- Lasts days longer than shaving
- Pain free formula; removes even coarse, stubborn hair
- No nicks, cuts or prickly stubble compared to shave prep
- Works in 10 minutes



REF	Description	
600900	Surgi-Prep Depilatory	12/bx

Surgi-Brush, Sterile

- Sterile brush used for cleaning surgical instruments in the operating room
- Double-ended nylon bristle brush
- One end of brush has 3 rows of bristles for general decontamination
- One end contains a single row of bristles for fine, delicate cleaning
- Disposable, one-time use only
- Sterile, 1-year shelf life



REF	Description	
405043	Surgi-Brush, Sterile	20/bx

MILTEX® INSTRUMENT MAINTENANCE & CARE PRODUCTS

Cleaning & Sterilizing Steps 505-506

Instrument Stain Guide 507

Cleaning Products 508-511

Cleaning Brushes 511

Sharpening Stones 512

Instrument Sharpeners 513

Silitone™ Color Bands 513

Tip-It™ Instrument Guards 514

Instrument Cassettes 514-523

Instrument Stringers 524

Sterilization Products 525

Miltex® Sterilization and Storage Container System 526

Forceps 527

Sterilizing Aids 528



PROTECT YOUR OFFICE STAFF, YOUR PATIENTS & YOUR INVESTMENT

The cleaning and sterilization process protects your office staff and your patients. By utilizing proper instrument care and cleaning products specifically designed for your surgical instruments, you can protect your instrument investment.

Key Terms:

- Sterile - free from all living organisms.
- Sterilization - a process that destroys all forms of microorganisms, including spores, from inanimate objects.
- Disinfection - a process that eliminates many or all disease producing microorganisms, except spores, from inanimate objects.
- Cleaning - the most important step in the instrument care process. Cleaning involves the removal of adherent visible soil (blood and tissue debris) from the surface of instruments.

Key Points:

- Always follow manufacturer's directions for use for instrument processing products and equipment.
- Never process disimiliar metals together (e.g. chrome, copper, stainless steel).
- Always process instruments with box locks or hinges (e.g. scissors, needle holders, hemostats, etc.) in the open and unlocked position. Failure to do so can result in fracturing the box locks and in instrument failure.
- Always lubricate areas with "metal to metal" action after cleaning instruments. Include hinges, box locks, screws and jaws. Use a non-silicone, water-soluble surgical lubricant. Never use industrial oils or lubricants.
- Never use bleach to clean your instruments; bleach is corrosive and will void all instrument warranties.
- Chemical / cold sterilization solutions are not recommended for instruments.
- Steam (autoclaving) is the preferred method for sterilizing metal instruments.

Recommended Steps in Cleaning, Sterilization & Maintenance of Miltex® 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.

Recommended Steps in Cleaning, Sterilization & Maintenance of Miltex® Surgical Instruments

- 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.
- 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 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 Miltex products to properly safeguard and care for your quality instruments.

REF	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. spray 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

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.

MILTEX® Instrument Prep Enzyme Foam

Ready to use foaming spray for pre-cleaning soiled instruments. Ideal for applications where instrument cleaning is not immediately available. Simply spray on instruments until ready for decontamination and cleaning.



REF	Description
3-760	Instrument Prep Enzyme Foam, 24 oz. (0.71 liter) spray bottles (case of 12)

MILTEX® EZ-Zyme® All Purpose Enzyme Cleaner

Neutral pH multi-enzyme liquid concentrate ideal for instrument presoak, ultrasonic cleaning, laundry presoak and evacuation system cleaner. Ideal for cleaning hard to remove proteinaceous (mucus and tissue) and lipid (fatty) materials from the surfaces of surgical/dental instruments, linen, water submersible equipment or where mechanical scrubbing is impractical.



REF	Description
3-750	EZ-Zyme All Purpose Enzyme Cleaner, 3/4 oz. (22 ml) packets (dispenser box of 32). Contents of 1-box makes 32 gallons of solution.
3-755	EZ-Zyme All Purpose Enzyme Cleaner, 1-gallon bottle (3.78 liter). Contents of 1-gallon container makes 170 gallons of solution.

MILTEX® Surgical Instrument Cleaner

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

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



REF	Description
3-720	Surgical Instrument Cleaner, 8 fl. oz. (0.24 liter) bottles (case of 12). Contents of one 8 oz. bottle makes 32 gallons of solution.
3-725	Surgical Instrument Cleaner, 1-gallon bottle (3.79 liter). Contents of 1-gallon container makes 512 gallons of solution.

(Contact Distributor for availability)

MILTEX® 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 & Brighter Instruments
- Removes Stains, Blood and Mineral Deposits
- Biodegradable
- Concentrate, Lower Cost Per Use



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

MILTEX® Instrument Lubricant

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



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

MILTEX® 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, scissor blades and any other metal on metal moving parts.



REF	Description
3-700	Spray Lube, 8 fl. oz. (0.24 liter) bottles (case of 12)

(Contact Distributor for availability)

MILTEX® Surgical Instrument Stain Remover

Powder formula removes stains, tarnish and restores luster to surgical instruments, autoclaves, ultrasonic cleaners, stainless steel countertops and other surfaces. Ideal 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 - a little goes a long way



REF	Description
3-740	MILTEX Surgical Instrument Stain Remover, 3 oz. (85 grams), (case of 12)

MILTEX® Instrument Care Kit System

REF	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



MILTEX® Instrument Care Training

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

Step-by-step poster 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.

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

3-810





SURGHIPPOST

SURGHIPBOX



MILTEX® Instrument Care Training DVD

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



REF	Description
3-810	MILTEX Instrument Care DVD

MILTEX® Nylon & Stainless Steel Brushes

- Nylon bristles for cleaning instrument box locks
- Stainless steel bristles for cleaning serrations



3-1000



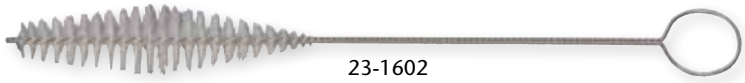
3-1001



23-1600



21-379



23-1602

REF	Description
3-1000	MILTEX Instrument Cleaning Brushes 7-1/4" (18.4 cm), Nylon Bristles (Set of 3)
3-1001	MILTEX Instrument Cleaning Brushes 7-1/4" (18.4 cm), Stainless Steel Bristles (Set of 3)
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
23-1602	Cleaning Brushes for Trachea and Laryngectomy Tubes, large brush for tubes sizes 6 To 12

Visit www.miltex.com/prodinfo/msds.aspx for Material Safety Data Sheets

Sharpening Stones

MILTEX® sharpening stones and honing oil provide clinicians with the proper tools for re-establishing an instrument's proper cutting edge. The sharpening stones are available in the most popular types and shapes: Arkansas No. 4 fine flat stone, Arkansas fine conical stone, India No. 1 fine flat stone, India No. 6 medium wedge, India No. 309 fine stone and a variety of Thompson™ Precision™ synthetic stones.

MILTEX® honing oil should be used in conjunction with the Arkansas and India stones. The honing oil helps facilitate movement across the stone, reducing friction and the problem of metallic particles embedding into the stone surface. The Thompson™ Precision™ synthetic stones do not require any lubrication. All stones should be sterilized after use.

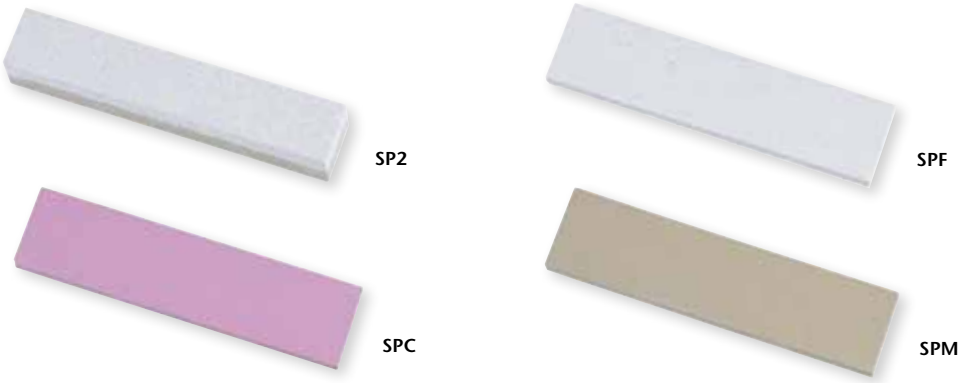
Ref	Description	Key
STN-ARK-FLT-4	Stone, Arkansas No. 4 Flat	1
STN-ARK-CON	Stone, Arkansas Conical	2
STN-IND-FLT-1	Stone, India No. 1 Flat, Fine Grit	3
STN-IND-CON-309	Stone, India No. 309 Fine Grit	4
STN-IND-WDG-6	Stone, India No. 6 Wedge, Medium Grit	5
SP2	THOMPSON Precision Double Grit	6
SPC	THOMPSON Precision Synthetic-Coarse	7
SPM	THOMPSON Precision Synthetic-Medium	8
SPF	THOMPSON Precision Synthetic-Fine	9
DTS	Test sticks - Black	-
DTST	Test sticks - Clear	10
STN-OIL	Sharpening Oil	11



THOMPSON™ PRECISION™ Sharpeners

Thompson™ Precision™ Sharpeners do not require lubricant and may be sterilized by any method.

REF	Description
SP2	DOUBLE GRIT Precision synthetic stone
SPC	COARSE Precision synthetic stone
SPF	FINE Precision synthetic stone
SPM	MEDIUM Precision synthetic stone



MOYCO® Instrument Sharpeners

REF	Description
560-26490	Instrument Sharpener #5 3/16"
560-26510	Instrument Sharpener #7 1/4"
560-26530	Instrument Sharpener #9 5/16"
560-26550	Instrument Sharpener #11 7/16"
560-26570	Instrument Sharpener #14 9/16"
560-26590	Instrument Sharpener #17 5/8"
560-26610	Instrument Sharpener 6/Set (one of each number)



MILTEX® Edge Scissor Sharpener

REF	Description
5-5000	MILTEX Edge Scissors Sharpener, not intended for serrated or SuperCut scissors

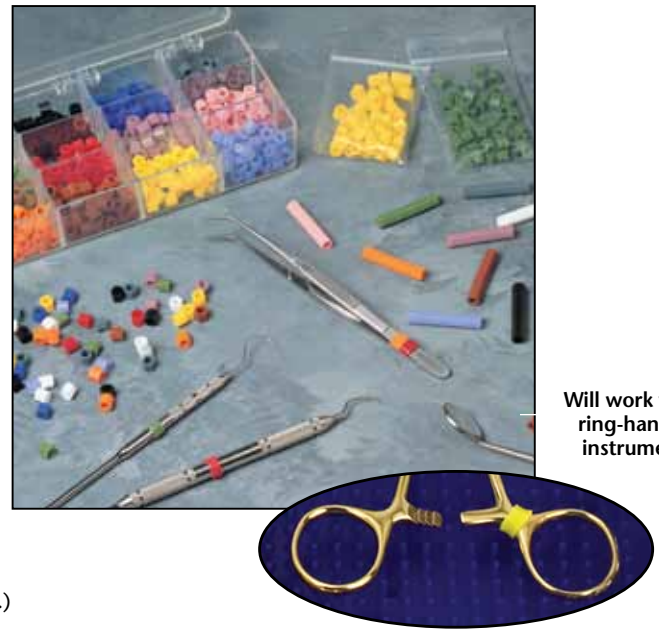
Ideal to freshen the blade; not intended to restore blade to new condition. For like-new sharpness, return instrument to Miltex for evaluation and maintenance. See reference section page 544 for instrument repair and sharpening information.



SILITONE™ Color Bands

- Color bands are expandable from 4 mm to 12 mm.
- Withstands temperatures up to 450° F.
- Medical grade silicone

REF	Description
VSTSA	Grey - Pack of 50 bands
VSTSB	Blue - Pack of 50 bands
VSTSD	Gold - Pack of 50 bands
VSTSG	Green - Pack of 50 bands
VSTSK	Black - Pack of 50 bands
VSTSL	Lt Blue - Pack of 50 bands
VSTSN	Brown - Pack of 50 bands
VSTSP	Pink - Pack of 50 bands
VSTSR	Red - Pack of 50 bands
VSTSU	Purple - Pack of 50 bands
VSTSW	White - Pack of 50 bands
VSTSY	Yellow - Pack of 50 bands
VST	Kit of 12 colors - 480 pieces
VSTA	Kit of 12 colors - 120 pieces (10 of each color)



Will work with ring-handled instruments!

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

TIP-IT™ Instrument Guards

MILTEX® Tip-It™ Instrument Guards protect instrument tips and edges from damage during handling.

. PVC medical grade plastic
. Latex-free material
. Large holes (vented styles) to reduce vacuum and moisture build up for easy removal from instrument

Clear, Vented



Tinted, Vented



Solid, Vented



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

* Color does not apply to clear vented pattern

Instrument Storage Trays with Silicone Mats

REF	Description	Replacement Mats
3-200100	7″ x 11″ (17.8 x 27.9 cm), single layer	3200100A
3-200200	7″ x 11″ (17.8 x 27.9 cm), double layer	3200100A
3-200300	4″ x 8″ (10.2 x 20.3 cm), single layer	3200300A



3-200100



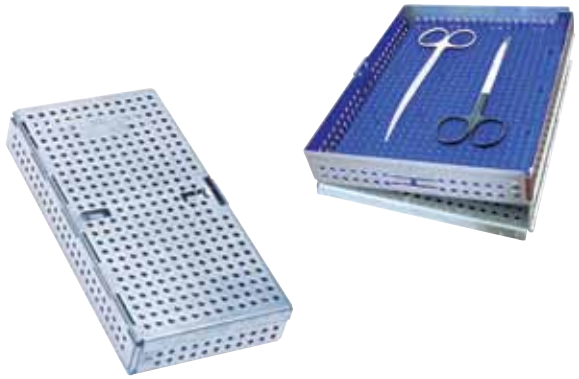
3-200200



3-200300

Instrument Storage System & Latex-Free Silicone Mats

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



1. Unique flow-through design.
2. Medical grade silicone provides instrument retention when lid is closed.
3. Full length hinge provides stable and secure attachment to cassette.
4. Quick and easy push button release provides a positive lock when closed.
5. Pre-stamped tabs allow for custom coding of cassettes.
6. Double-hinged lid folds under for easy storage during use.
7. Self-lubricating plastic hinge pin will not corrode and provides smooth mechanical movement.
8. Passivated Stainless Steel provides corrosion protection and an aesthetic finish.

UNIVERSAL CASSETTE WITHOUT MAT

REF	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"

Latex-Free Silicone Mats





1. The raised mat (or feet) assures adhesion of the mat to the tray surface.
2. Holes positioned on mat for proper drainage.
3. Soft, cushion fingers protect your instrument investment.
4. Customized to fit perfectly into the Miltex® Cassettes.

MAT ONLY

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

* Please check autoclave type/chamber dimensions before choosing cassette size.

THOMPSON™ Cassettes

Thompson™ cassettes are manufactured with passivated stainless steel, feature the Thompson Tuck-Away lid* and are available in a variety of sizes and configurations to meet all storage needs.

Thompson™ cassettes are available in several options:

Single Rack Cassettes — Cassette contains a single riveted rack to accommodate various hand instruments. Several sizes are available and hold 5 to 26 instruments.

Double Rack Cassettes — Cassette contains additional removable rack for double stacking instruments.

Utility Cassettes — Cassette does not contain an instrument rack, making it ideal for ring-handled and larger sized instrumentation.

* Thompson 5 cassette features single-hinged lid.



Single Rack cassette



Double Rack cassette



Utility cassette

Thompson™ 5 Cassette

The Thompson™ 5 Cassette is perfect for simple procedures requiring few instruments. Its compact size features a single hinged lid, and it can hold up to 10 hand instruments with the double rack.

		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-083005*	Thompson 5 Utility	8″ x 3-13/16″ x 1-1/8″	204 x 81 x 30
3-083105*	Thompson 5 Single Rack	8″ x 3-13/16″ x 1-1/8″	204 x 81 x 30
3-083210*	Thompson 5 Double Rack	8″ x 3-13/16″ x 1-1/8″	204 x 81 x 30

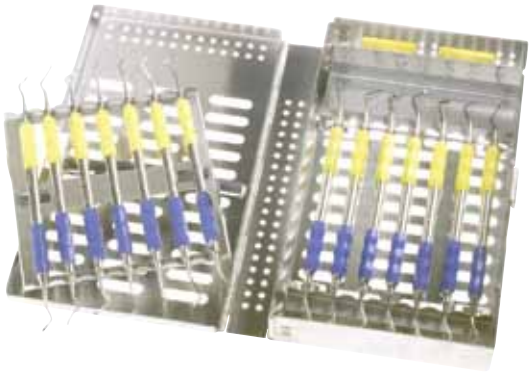
* Thompson 5 cassette features single-hinged lid.



Thompson™ 7 Cassette

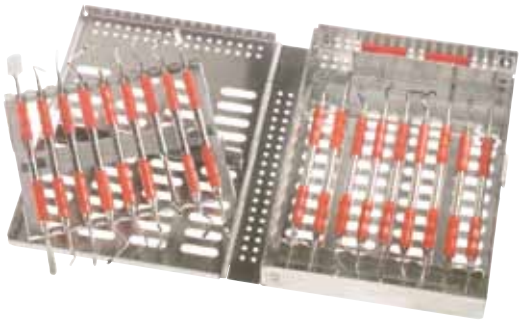
The Thompson™ 7 Cassette features the double-hinged, tuck-away lid for easy storage during procedures. It can hold 7 instruments with a single rack, 14 instruments with the double rack, or larger instruments without racks.

		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-084007	Thompson 7 Utility	8″ x 4-7/8″ x 1-1/8″	204 x 124 x 28.5
3-084107	Thompson 7 Single Rack	8″ x 4-7/8″ x 1-1/8″	204 x 124 x 28.5
3-084214	Thompson 7 Double Rack	8″ x 4-7/8″ x 1-1/8″	204 x 124 x 28.5



Thompson™ 9 Cassette

The Thompson™ 9 Cassette features the double-hinged, tuck-away lid for easy storage during procedures. It can hold 9 instruments with a single rack, 18 instruments with the double rack, or larger instruments without racks.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-085009	Thompson 9 Utility	8″ x 6″ x 1-3/16″	204 x 154 x 30
3-085109	Thompson 9 Single Rack	8″ x 6″ x 1-3/16″	204 x 154 x 30
3-085218	Thompson 9 Double Rack	8″ x 6″ x 1-3/16″	204 x 154 x 30

Thompson™ 10 Cassette

The Thompson™ 10 Cassette can hold 10 instruments and features the double-hinged, tuck-away lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-089110	Thompson 10	8″ x 9″ x 1-1/8″	204 x 229 x 28.5
3-089110L	Thompson 10 w/lid clips	8″ x 9″ x 1-1/8″	204 x 229 x 28.5
3-089110S	Thompson 10 w/ stone clip	8″ x 9″ x 1-1/8″	204 x 229 x 28.5
3-089110A	Thompson 10 w/ lid and stone clips	8″ x 9″ x 1-1/8″	204 x 229 x 28.5

Thompson™ 14 Cassette

The Thompson™ 14 Cassette can hold up to 14 instruments and features the double-hinged, tuck-away lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-118114	Thompson 14	8″ x 10-7/8″ x 1-3/16″	204 x 276.5 x 30
3-118114L	Thompson 14 w/lid clips	8″ x 10-7/8″ x 1-3/16″	204 x 276.5 x 30
3-118114S	Thompson 14 w/ stone clip	8″ x 10-7/8″ x 1-3/16″	204 x 276.5 x 30
3-118114A	Thompson 14 w/ lid and stone clips	8″ x 10-7/8″ x 1-3/16″	204 x 276.5 x 30

Thompson™ 16 Cassette

The Thompson™ 16 Cassette can hold up to 16 hand instruments and features the double-hinged, tuck-away lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-118116	Thompson 16	8″ x10-7/8″ x1 3/16″	204 x 276.5 x 30
3-118116L	Thompson 16 w/lid clip	8″ x10-7/8″ x1 3/16″	204 x 276.5 x 30
3-118116S	Thompson 16 w/stone clip	8″ x10-7/8″ x1 3/16″	204 x 276.5 x 30
3-118116A	Thompson 16 w/lid and stone clips	8″ x10-7/8″ x1 3/16″	204 x 276.5 x 30

Thompson™ 22 Cassette

The Thompson™ 22 Cassette is ideal for large set ups as it features individual spaces for up to 22 hand instruments. This cassette features the double-hinged, tuck-away lid for easy storage during procedures and is also available with stone and lid clips.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-118122	Thompson 22	8″ x10-7/8″ x1 3/16″	204 x 276.5 x 30

Thompson™ 26 Cassette

The Thompson™ 26 Cassette is the largest cassette that Miltex offers and is ideal for large set ups, with individual spaces for up to 26 hand instruments. This cassette features the double-hinged, tuck-away lid for easy storage during procedures and is also available with stone and lid clips.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-139126	Thompson 26	9-1/8″ x 13″ x 1-3/16″	232 x 330 x 30

SLIMLINE CASSETTES

The Thompson™ Slimline cassettes feature a single-hinged lid and reduced profile. All Slimline cassettes are manufactured from passivated stainless steel that provides an aesthetic finish and corrosion protection.

Slimline 7

The seven instrument capacity of the Slimline 7 cassette meets small cleaning and equipment requirements. Also available in extended length and deeper versions.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-072007	Slimline 7	7″ x 2-5/8″ x 11/16″	178 x 67 x 17
3-082008	Slimline 7 extended	8″ x 2-5/8″ x 11/16″	203 x 127 x 17
STDSL27	Deep Slimline 7	7″ x 2-5/8″ x 1″	178 x 67 x 25

Slimline 14

The Slimline 14 cassette is ideal for exam, pedodontic prophylaxis/sealant, small prophylaxis and suture removal instruments. The Slimline 14 will hold up to 14 instruments, and the extended width allows ring-handled instruments to be stored along with hand instruments.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-072014	Slimline 14	7″ x 4-5/8″ x 11/16″	178 x 115 x 17

SPECIALTY CASSETTES

In addition to the Slimline and Thompson™ series cassettes, Miltex also offers a variety of specialty cassettes designed for various applications.

Standard Cassette

Designed for use with Statim™ sterilizer units, the Standard cassette stores up to 14 hand instruments and also contains an instrument bin for storing large and ring-handled instruments. The Standard cassette also features a break-away lid.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDSTAT	Standard Cassette	7″ x 10-5/8″ x1-1/2″	178 x 270 x 38

Standard 8 Cassette

Designed for use with Statim™ sterilizer units, the Standard 8 cassette can store 8 hand instruments and also contains an instrument bin for storing large and ring-handled instruments. The Standard 8 cassette features the double-hinged lid.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDSTAT8	Standard 8 Cassette	6-3/4″ x 8-1/8″ x1-1/8″	171 x 206 x 29

Standard 814 Cassette

Designed for use with Statim™ sterilizer units, the Standard 814 cassette can store 14 hand instruments and also contains an instrument bin for storing large and ring-handled instruments. The Standard 814 cassette features the double-hinged lid.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDSTAT814	Standard 814 Cassette with 14 Rack	6-3/4″ x 8-1/8″ x1-1/8″	171 x 206 x 29

Small Surgical Cassette

For use with any type of customized setups. Three small surgical cassettes will fit in a Statim® autoclave.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDBOS	Small Surgical Cassette	7″ x 3″ x 1-3/8″	178 x 76 x 35

Medium Surgical Cassette

This cassette is ideal for general surgery setups and can store large handled instruments that require a two inch depth. The Medium Surgical cassette features two breakaway lids, and the two compartments are hinged together for easy processing and storing various sized instruments.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDBOM	Medium Surgical Cassette	10″ x 5-1/2″ x 4″	254 x 140 x102

Large Surgical Cassette

Our largest surgical cassette has a maximum depth of two inches. The Large Surgical cassette features two breakaway lids and the two compartments are hinged together for ease of processing and storing various sized instruments.



		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDBOL	Large Surgical Cassette	11″ x 8″ x 4″	279 x 203 x 102

Twenty-Two Instrument Cassette

This 22 instrument cassette is ideal for storing large quantities of hand instruments and additional larger instruments.

		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STD222	22 Instrument Cassette	8″ x10-7/8″ x1-3/16″	204 x 276.5 x 30



Orthodontic Cassette

The upright box design of the Thompson™ Orthodontic Cassettes is perfect for storing orthodontic pliers, wire cutters, scissors and wire bending instruments.

		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
STDORTHO	Ortho Cassette	5″ x 7″ x 2″	127 x 178 x 51
STDORTHOS	Small Ortho Cassette	6-1/2″ x 2-1/4″ x 2″	165 x 57 x 51



Handpiece/Accessory Cassette

This cassette is excellent for small specialized setups, handpieces and smaller handled instruments.

		Dimensions	
REF	**Description**	**Inches**	**Millimeters**
3-080205	Handpiece/ Accessory Cassette	8″ x 2-3/16″ x 1-7/16″	204 x 71 x 37



Cassette Accessories

These accessories can be used as stand-alone items or in conjunction with the Thompson™ cassettes.

Bur Holders

A bur holder can be added to hold both short and long shank burs and diamonds.

REF	Description
STDBH	12 hole bur holder
STDBH6	6 hole bur holder
STDBHS	6 hole surgical bur holder



Small Parts Box

Holds small items such as ortho brackets, long shank or lab carbide burs and rubber dam clamps. Features a hinged lid.

		Dimensions	
REF	Description	Inches	Millimeters
STDPB	Small Parts Box	1-2/3" x 1-1/3" x 1"	42 x 33 x 26



Endodontic Stands

Available in 60 and 72 hole configurations, the endodontic stand is ideal for storing all styles of hand files and rotary nickel titanium files. Can be used in conjunction with all standard Thompson™ cassettes.

REF	Description
STDES60	Endo Stand, 60 hole
STDES72	Endo Stand, 72 hole



Sterilizing Tray

REF	Description
3-499	Instrument Sterilizing Tray 10" X 6-1/2" X 2-1/2" (25.4 X 16.5 X 6.4 cm)



Mesh Bur & Diamond Holder

REF	Description
65-28	Mesh Bur and Diamond Holder, large
65-29	Mesh Bur and Diamond Holder, small



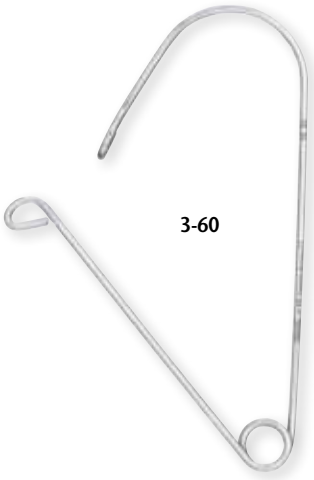
Surgical Instrument Stringers

Stainless steel MILTEX® Surgical Instrument Stringers are available in various lengths and shapes. All closed styles offer a secure locking mechanism with smooth edges designed for effortless opening and closing.

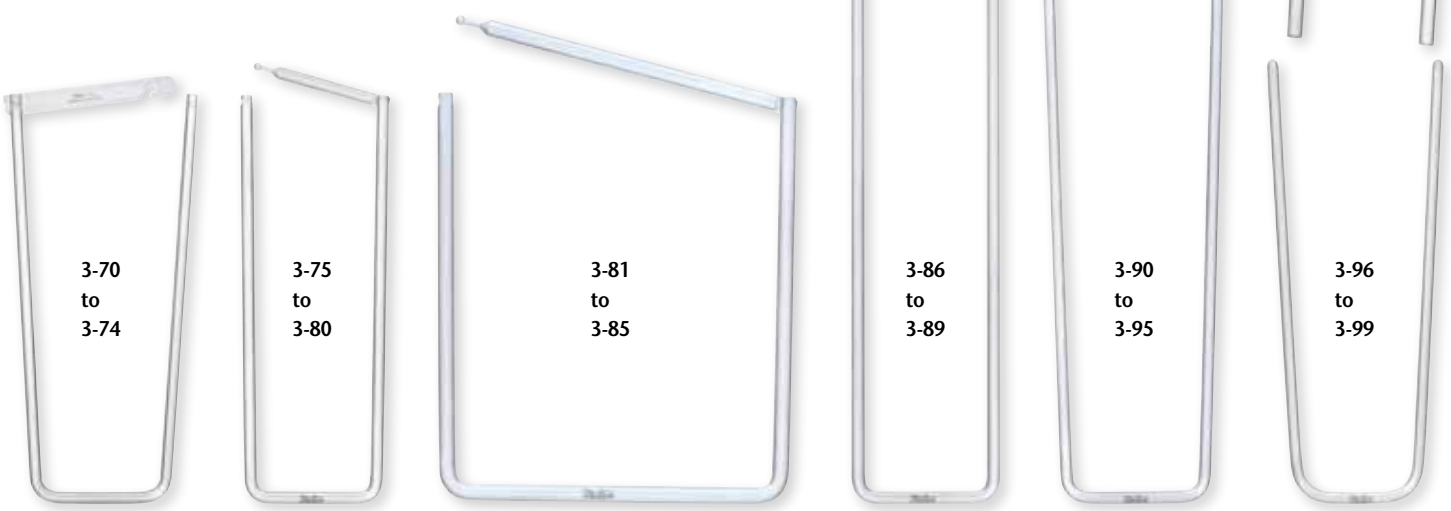
REF	Description	Length
3-60	BUNT Forceps Holder	-
3-70	Wide Side Lock Stringer 2-1/2″ wide	8″ (20.3 cm)
3-71	Wide Side Lock Stringer 2-1/2″ wide	10″ (25.4 cm)
3-72	Wide Side Lock Stringer 2-1/2″ wide	12″ (30.5 cm)
3-74	Wide Side Lock Stringer 2-1/2″ wide	16″ (40.6 cm)
3-75	Side Lock Stringer 2-1/2″ wide	6″ (15.2 cm)
3-76	Side Lock Stringer 2-1/2″ wide	8″ (20.3 cm)
3-77	Side Lock Stringer 2-1/2″ wide	10″ (25.4 cm)
3-78	Side Lock Stringer 2-1/2″ wide	12″ (30.5 cm)
3-79	Side Lock Stringer 2-1/2″ wide	16″ (40.6 cm)
3-80	Side Lock Stringer 2-1/2″ wide	18″ (45.7 cm)
3-81	Side Lock Stringer 5″ wide	8″ (20.3 cm)
3-82	**Side Lock Stringer 5″ wide**	**10″ (25.4 cm)**
3-83	Side Lock Stringer 5″ wide	12″ (30.5 cm)
3-84	Side Lock Stringer 5″ wide	16″ (40.6 cm)
3-85	Side Lock Stringer 5″ wide	18″ (45.7 cm)
3-86	Open U Stringer 2-1/2″ wide	6″ (15.2 cm)
3-87	Open U Stringer 2-1/2″ wide	8″ (20.3 cm)
3-88	Open U Stringer 2-1/2″ wide	10″ (25.4 cm)
3-89	Open U Stringer 2-1/2″ wide	12″ (30.5 cm)
3-90	**Center Lock Stringer 2-1/2″ wide**	**6″ (15.2 cm)**
3-91	Center Lock Stringer 2-1/2″ wide	8″ (20.3 cm)
3-92	Center Lock Stringer 2-1/2″ wide	10″ (25.4 cm)
3-93	**Center Lock Stringer 2-1/2″ wide**	**12″ (30.5 cm)**
3-94	**Center Lock Stringer 2-1/2″ wide**	**16″ (40.6 cm)**
3-95	**Center Lock Stringer 2-1/2″ wide**	**18″ (45.7 cm)**
3-96	Closed U Stringer 2-1/2″ wide	6″ (15.2 cm)
3-97	Closed U Stringer 2-1/2″ wide	8″ (20.3 cm)
3-98	Closed U Stringer 2-1/2″ wide	10″ (25.4 cm)
3-99	Closed U Stringer 2-1/2″ wide	12″ (30.5 cm)

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





3-60



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

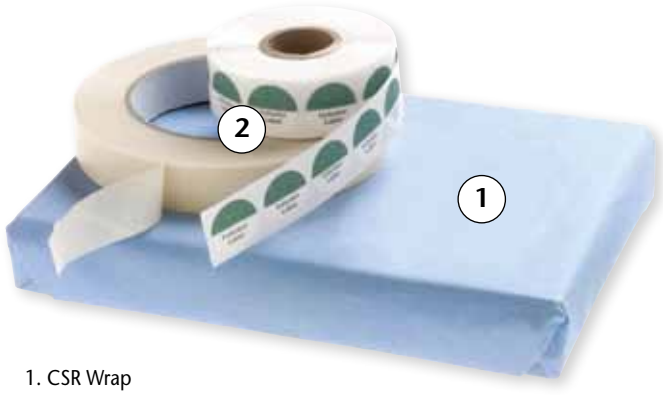
Sterilization Products

CSR Wrap

A suitable CSR wrap for steam, ETO gas and radiation sterilization processes. CSR wraps are electronically inspected for defects such as pin holes and are monitored for thickness consistency. CSR wraps are one of the lowest linting products available on the market.

Features include:
- Resists memory
- Allows steam penetration faster than muslin
- Repels water and operating room fluids
- Low linting
- Meets established standards for tensile strength and tear resistance
- Excellent barrier to airborne bacteria
- Accepts sterilization tape and labels
- Biodegradable

REF	Dimensions	Case quantity
STD1515	15″ x 15″	1000/case
STD2020	20″ x 20″	500/case
STD2424	24″ x 24″	500/case



1. CSR Wrap
2. Indicator Tapes

Indicator Tapes

Indicator tapes are used to visually identify processed from unprocessed packs of instruments. 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.

Features include:
- Adheres to any kind of material
- Distinctive color-change
- Accommodates pack expansion during sterilization
- Accepts labels and writing

REF	Description
STDSTEAM	3/4″ Steam, 60 yd.
STDCHEM	1/2″ Chemical Vapor, 60 yd.
STDDRY	1″ Dry Heat, 60 yd.

Steam Indicator Strips

Per CDC guidelines, a chemical indicator should be used with each load in conjunction with routine spore testing. The MILTEX® Steam Indicator Strip turns brown when sterilization conditions have been met and is certified for use with all steam sterilization processes. Steam Indicator strips may be maintained as a permanent record of sterilization

REF	Description
STDIND	Steam Indicator Strips, 250/bx

MILTEX® Storage Container System

Miltex has solicited the help and experience of our Customers, Surgical Distributor Partners and the finest European Manufacturers to design and construct the very best Sterilization Container available today.

We have included all of the necessary features while streamlining the selection to offer not only the best Container but one that is economical and well suited for your facility budget, instrument sterilization and storage requirements.

- Lid and bottom of container are both one-piece construction and have a uniform, anodized aluminum alloy finish
- Containers are lightweight yet durable enough to accommodate acceptable weight loads of surgical instrumentation
- Handles stop at 90° to aid lifting; low profile latch allows simple and secure lid closing
- Retention plate employs an easy "click and lock" closure over disposable, quick-to-change filter
- Dual silicone gaskets within retention plate and around perimeter ensure complete container and filter seal
- Baskets are constructed with solid wire mesh to allow for maximum ultrasonic cleaning; handles can be positioned to assist with secure and comfortable grasp for removal under sterile conditions

Wire and Perforated Baskets





Tamper Evident Locks



Identification Tags



Indicator Cards



Filters



Endoscopic Instrument Rack



Contact a Miltex Customer Service Representative at 866.854.8300 for more information on our Sterilization Containers and Accessories

Grasping & Utility Forceps

REF	Description	Type	Size
3-2	DAVIS Forceps	-	6″ (15.2 cm)
3-4	DAVIS Forceps	-	10″ (25.4 cm)
65-25	Grasping Forceps	non-magnetic, gold plated ends	6-1/4″ (15.9 cm)
3-14	CHEATLE Forceps	-	11″ (27.9 cm)
3-20	Utility Forceps	straight	8″ (20.3 cm)
3-24	Utility Forceps	straight	11″ (27.9 cm)



3-2
3-4



65-25



3-14



3-20
3-24

Sterilizing Aids

REF	Description	Type	Length
3-22	Utility Forceps	curved	8″ (20.3 cm)
3-26	Utility Forceps	curved	11″ (27.9 cm)
3-50	Spiral Rack for Surgical Needles	-	-
65-28	Mesh Bur and Diamond Holder	securely holds small items, basket 2-1/8″ (5.4 cm)	6-3/4″ (17.1 cm)



3-22
3-26



3-50



65-28

MILTEX® STAINLESS STEELWARE PRODUCTS

Iodine/Medicine Cup 530

Solution Basins 530

Sponge Bowls 530

Tumbler 530

Cath Trays and Covers 531

Dressing Jars and Covers 531

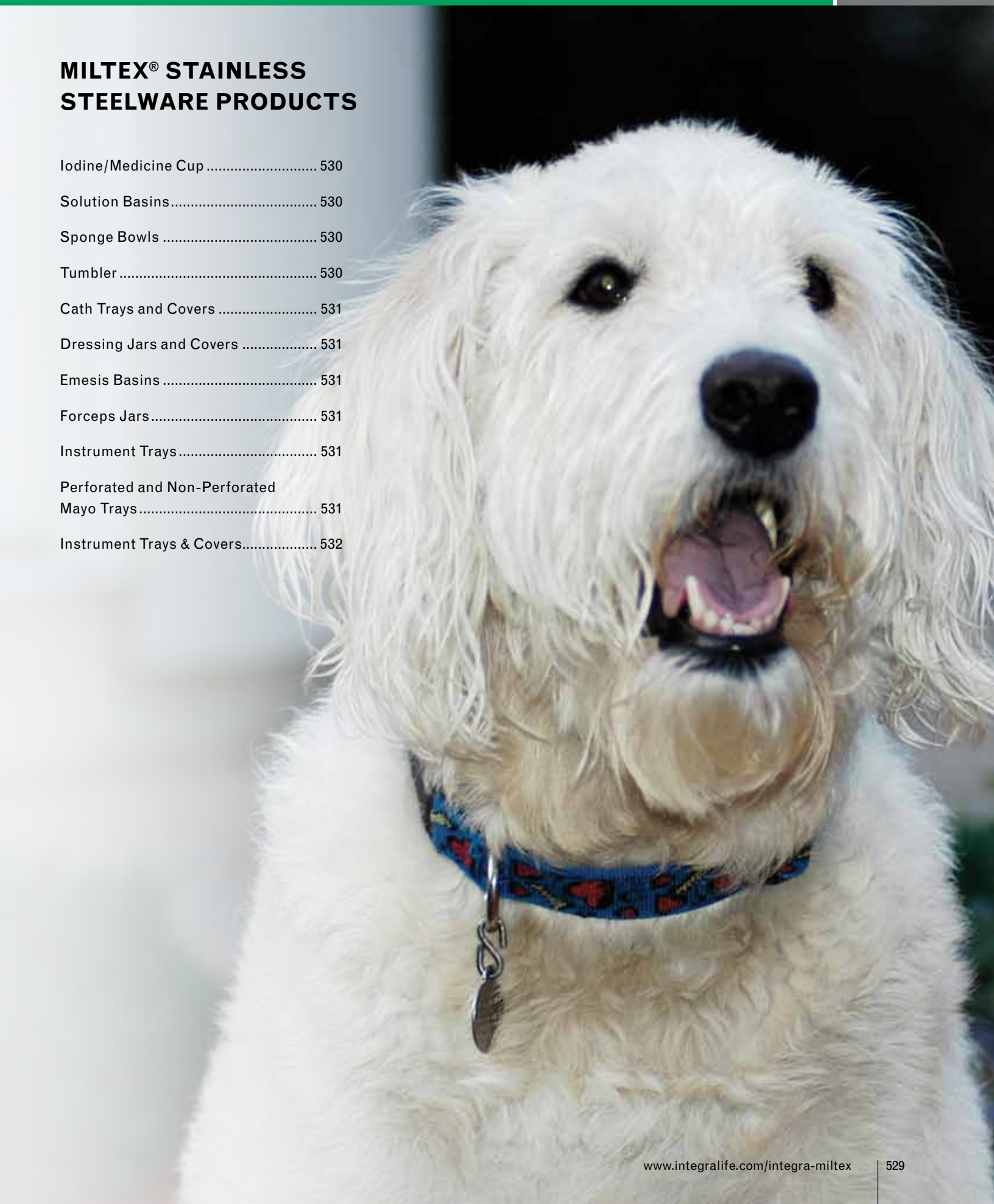
Emesis Basins 531

Forceps Jars 531

Instrument Trays 531

Perforated and Non-Perforated Mayo Trays 531

Instrument Trays & Covers 532



STAINLESS STEELWARE

Sponge Bowls

REF	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 & Medicine Cups

REF	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)**



Tumbler

REF	Size
3-907	2-7/8″ x 3-1/8″ (7 oz)



Solution Basins

REF	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.

STAINLESS STEELWARE

Forceps Jars

REF	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″**



Dressing Jars with Covers

REF	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)

*cover included



Emesis Basins

REF	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)**



Instrument Trays

REF	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



Perforated Mayo Trays

REF	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″



Non-Perforated Mayo Trays

REF	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.

STAINLESS STEELWARE

Instrument Trays & Covers (cover sold separately)

REF	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, fits 3-945 & 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, fits 3-948	10-15/32" x 6-61/64" x 7/16"

*covers sold separately





Cath Trays & Covers (cover sold separately)

REF	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, fits 3-937 & 3-938	8" x 5" x 7/16"
3-940	Dome Cath Cover, fits 3-937 & 3-938	8" x 5" x 7/16"
3-941	Cath Tray	8-35/64" x 3-5/64" x 1-1/2"
3-942	Dome Cath Cover, fits 3-941	8-21/32" x 3-5/16" x 19/32"
3-943	Cath Tray	15-3/4" x 2-3/4" x 2"
3-944	Dome Cath Cover, fits 3-943	15-13/16" x 3-1/32" x 29/32"

*covers sold separately







3-939 Flat Cath Cover

3-940 Dome Cath Cover

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

MILTEX® REFERENCE GUIDES

Needle Holder/Suture Guide 534-535

Fahrenheit and Centigrade Scales 536

French Catheter Scale 536

Autoclaving 537

Measurement Scale 537

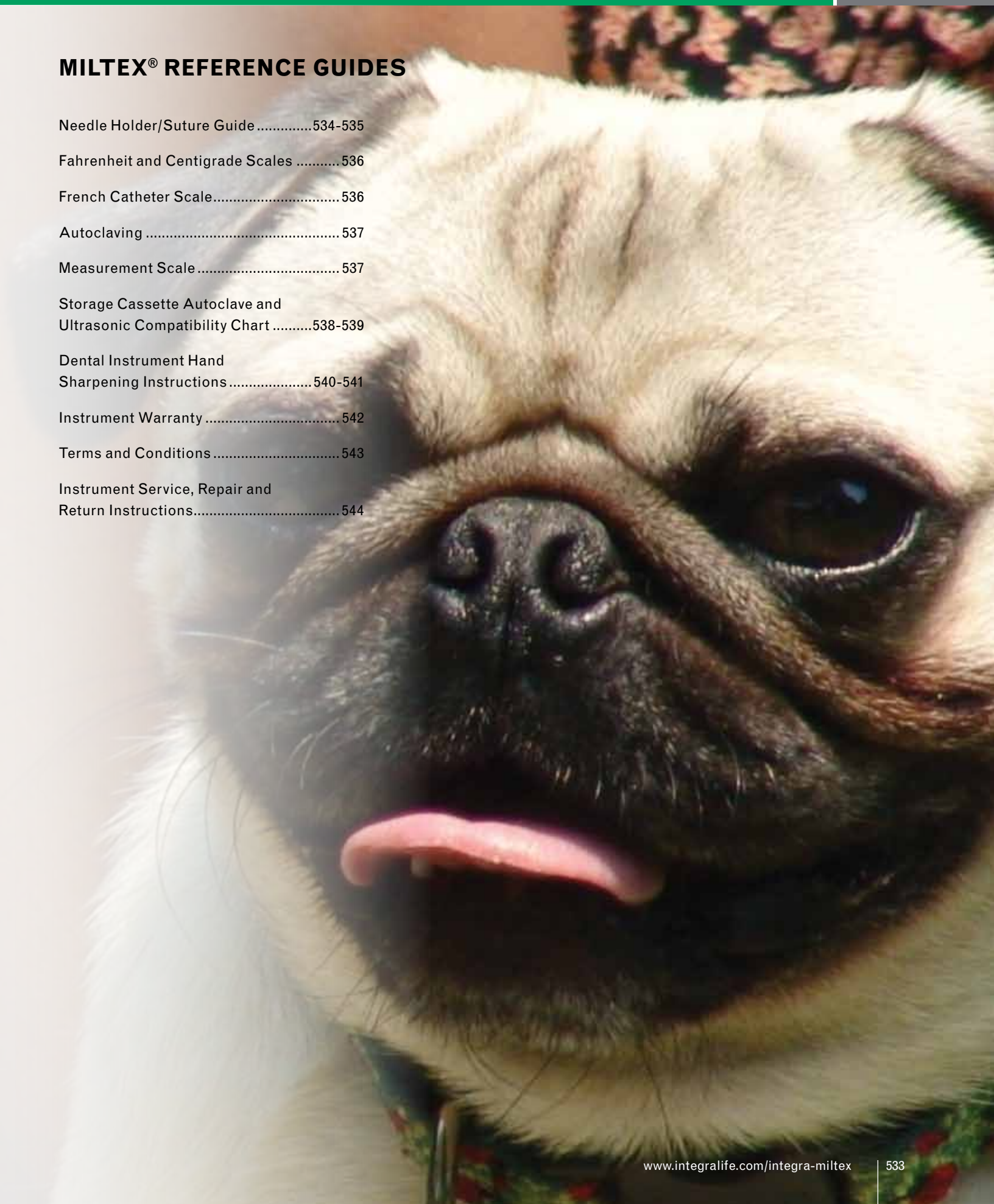
Storage Cassette Autoclave and Ultrasonic Compatibility Chart 538-539

Dental Instrument Hand Sharpening Instructions 540-541

Instrument Warranty 542

Terms and Conditions 543

Instrument Service, Repair and Return Instructions 544



Recommended Suture Sizes For Miltex® Carb-N-Sert® Needle Holders

		Suture Sizes														
		Smallest														Largest
REF	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"	-	-	-	-	x	x	x	x	-	-	-	-	-	-	-
8-4TC	C-N-S DERF NH 4-3/4	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-5TC	PAR NH DEL SER JAW TC 7"	-	-	-	-	x	x	x	x	x	-	-	-	-	-	-
8-6TC	C-N-S WEBSTER NH 5	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
8-7A-TC	C-N-S WEBSTER NH 4-3/4	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-7TC	C-N-S WEBSTER NH 4-3/4	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
8-8A-TC	C-N-S HALSEY NH 5 SERR	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-8TC	C-N-S HALSEY NH 5 SMOOTH	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
8-14A-TC	C-N-S OLSEN-HEGAR NH SMTH	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-
8-14TC	C-N-S OLSEN-HEGAR NH SERR	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-15TC	C-N-S OLSEN-HEGAR NH 5.5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-16TC	C-N-S OLSEN-HEGAR NH 6.5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-17TC	C-N-S OLSEN-HEGAR NH 7.5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-28TC	C-N-S MATHIEU NH 5.5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-30TC	C-N-S MATHIEU NH 6-1/4	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-40TC	C-N-S BAUMGARTNER NH 5.5	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-42TC	C-N-S MAYO-HEGAR NH 5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-44TC	C-N-S MAYO-HEGAR NH 6	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-46TC	C-N-S MAYO-HEGAR NH 7	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-48TC	C-N-S MAYO-HEGAR NH 8	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-49TC	C-N-S MAYO-HEGAR NH 12	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-50A-TC	C-N-S CRILE-WOOD NH 6 SMT	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
8-50TC	C-N-S CRILE-WOOD NH 6 SER	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-51TC	C-N-S CRILE-WOOD NH 7	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-52TC	C-N-S CRILE-WOOD NH 8	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-53TC	C-N-S CRILE-WOOD NH 9	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-55TC	C-N-S CRILE-WOOD NH 10-1/	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-57TC	C-N-S CRILE-WOOD NH 12	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-62TC	C-N-S COOLEY NH X-DEL 6	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-63TC	C-N-S COOLEY NH XDEL 6-3/	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-65TC	C-N-S INTRACARD NH 5 DEL	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-66TC	C-N-S INTRACARD NH 6 DEL	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-67TC	C-N-S INTRACARD NH 7 DEL	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-69TC	C-N-S INTRACARD NH 9 DEL	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-81TC	C-N-S NEW ORLEANS NH 7	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-82TC	C-N-S JULIAN N.H. STR	-	-	-	-	-	-	-	x	x	x	x	x	x	x	-
8-83TC	C-N-S JULIAN N.H. CVD	-	-	-	-	-	-	-	x	x	x	x	x	x	x	-
8-96TC	C-N-S SAROT NH 7-1/8	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-100TC	C-N-S HEANEY NH 8.5	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-101TC	C-N-S RYDER NH 5	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-102TC	C-N-S STRATTE NH 9	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-103TC	C-N-S RYDER NH 6	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-104TC	C-N-S RYDER NH 7	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-105TC	C-N-S RYDER NH 8	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-106TC	C-N-S RYDER NH 9	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-107TC	C-N-S RYDER NH 10-1/4	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-114TC	C-N-S SAROT NH 10-1/2	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-130TC	C-N-S MASSON NH 10-1/2	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-134TC	C-N-S WANGENSTEEN NH 103/	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-706TC	C-N-S WEBSTER NH QUICK-RE	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-
8-744TC	C-N-S MAYO-HEG NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-746TC	C-N-S MAYO-HEG NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-748TC	C-N-S MAYO-HEG NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-750TC	C-N-S CRILE-WD NH QUICK-R	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-
8-751TC	C-N-S CRILE-WD NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-752TC	C-N-S CRILE-WD NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
8-753TC	C-N-S CRILE-WD NH QUICK-R	-	-	-	-	-	-	-	x	x	x	x	x	x	x	x
18-1816TC	C-N-S CASTR-VJO NH RND	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
18-1828A-TC	C-N-S CASTR-VJO NH SERR	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
18-1828TC	C-N-S CASTR-VJO NH SMTH	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
18-1832A-TC	C-N-S CASTROV NH CVD SERR	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
18-1832TC	C-N-S CASTROV NH CVD SMTH	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
17-1090TC	C-N-S JACOBSON NH 7 STR	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-
17-1091TC	C-N-S JACOBSON 7 CVD	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-
17-1092TC	C-N-S JACOBSON NH 8.5 STR	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-

Recommended Suture Sizes For Miltex® Stainless Steel Needle Holders

		Suture Sizes														
		Smallest														Largest
REF	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	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-
8-96	SAROT NH 7-1/8	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-94	CRILE NH 6	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-80	NEW ORLEANS NH 7	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X
8-8	HALSEY NH 5	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-7	WEBSTER NH 4-3/4 DEL.	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-6	WEBSTER NH 5	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-53	CRILE-WOOD NH 9	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-52	CRILE-WOOD NH 8	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-51	CRILE-WOOD NH 7	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-50	CRILE-WOOD NH 6	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-48	MAYO-HEGAR NH 8	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-46	MAYO-HEGAR NH 7	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-44	MAYO-HEGAR NH 6	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-42	MAYO-HEGAR NH 5	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-40	BAUMGARTNER NH 5.5	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-4	DERF NH 4-3/4	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-32	MATHIEU NH 7.5	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-
8-30	MATHIEU NH 6-1/4	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-
8-28	MATHIEU NH 5.5	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-
8-26	BOYNTON NH 5 DEL.	-	X	X	X	-	-	-	-	-	-	-	-	-	-	-
8-2	COLLIER NH 5	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-17	OLSEN-HEGAR N.H. 7-1/4	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-16	OLSEN-HEGAR NH 6.5	-	-	-	-	-	-	-	X	X	X	X	X	X	X	-
8-15	OLSEN-HEGAR NH 5.5	-	-	-	-	-	-	-	X	X	X	X	X	X	-	-
8-14A	OLSEN-HEGAR NH 4-3/4 SMTH	-	-	-	-	-	X	X	X	-	-	-	-	-	-	-
8-14	OLSEN-HEGAR NH 4-3/4 SERR	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-136	WANGENSTEEN NH 10-1/2	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-134	WANGENSTEEN NH 10-3/4	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-130	MASSON NH 10-1/2	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-122	FINO NH 10-1/2	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X
8-12	NEIVERT NH 5	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-114	SAROT NH 10-1/2	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-102	STRATTE NH 9	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-100	HEANEY NH 8-1/4	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
18-1833	CASTR-VJO NH CVD W/LOCK D	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
18-1832	CASTR-VJO NH CVD W/LOCK	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
18-1831	CASTR-VJO NH STR W/LOCK D	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
18-1828	CASTR-VJO NH STR W/LOCK	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
18-1824	CASTR-VJO NH CVD WO LOCK	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
18-1820	CASTR-VJO NH STR WO LOCK	-	-	-	-	X	X	X	X	X	X	X	X	X	X	-
17-980	MICRO NH 71/8 STR JAW W/0	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-
17-1025	MICRO NH 71/8 CVD JAW W/L	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-
17-1024	MICRO NH 7-1/8 STR JAW W/	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-
17-1020	MICRO NH 51/8 CVD JAW W/L	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-
17-1010	MICRO NH 71/8 CVD JAW WO	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-
17-1000	MICRO NH 51/8 CVD JAW WO	-	-	-	X	X	X	X	X	-	-	-	-	-	-	-

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

		Suture Sizes														
		Smallest														Largest
REF	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	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-6CG	C-A-G WEBSTER NH 5	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-7CG	C-A-G WEBSTER NH 4-3/4	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-8CG	C-A-G HALSEY NH SMTH	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-
8-15CG	C-A-G OLSEN-HEGAR 5.5	-	-	-	-	-	-	-	X	X	X	X	X	X		
8-16CG	C-A-G OLSEN-HEGAR 6.5	-	-	-	-	-	-	-	X	X	X	X	X	X	X	
8-40CG	C-A-G BAUMGARTNER 5.5	-	-	-	-	-	X	X	X	X						
8-42CG	C-A-G MAYO-HEGAR NH 5	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-44CG	C-A-G MAYO-HEGAR NH 6	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-46CG	C-A-G MAYO-HEGAR NH 7	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-48CG	C-A-G MAYO-HEGAR NH 8	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X
8-50CG	C-A-G CRILE-WOOD NH 6	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-51CG	C-A-G CRILE-WOOD NH 7	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-
8-52CG	C-A-G CRILE-WOOD NH 8	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X

Conversion Charts

French measurement refers to a unit of distance used for measuring the diameters of small tubes such as catheters, sounds, bougies, suction tubes and uterine dilators. One French is equal to 1/3 millimeter (about 13.123 mils).

French Catheter Scale

MM	INCH	FR	MM	INCH	FR
1	.039	3	5.7	.223	17
1.35	.053	4	6.0	.236	18
1.67	.066	5	6.3	.249	19
2.0	.079	6	6.7	.263	20
2.3	.092	7	7.3	.288	22
2.7	.105	8	8.0	.315	24
3.0	.118	9	8.7	.341	26
3.3	.131	10	9.3	.367	28
3.7	.144	11	10.0	.393	30
4.0	.158	12	10.7	.419	32
4.3	.170	13	11.3	.445	34
4.7	.184	14			
5.0	.197	15			
5.3	.210	16			

Fahrenheit and Centigrade Scales

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

1° F. = 54° C.
1.8° F. = 1° C.
3.6° F. = 2° C.
4.5° F. = 2.5° C.
5.4° F. = 3° C.

Measurement Conversion Scale

Conversion Scale		
To Convert From	**To**	**Multiply By**
Ounces (AVDP.)	Grams	28.349523
Ounces (APOTH.)	Grams	31.103486
Grains	Grams	0.06479891
Pounds (AVDP.)	Kilograms	0.45359237
Inches	Centimeters	2.54
Feet	Meters	0.3048
Yards	Meters	0.9144
Ounces (U.S. Fluid)	Cubic Centimeters	29.573730
Ounces (British Fluid)	Cubic Centimeters	28.41305
Quarts (U.S. Fluid)	Liters	0.9463264
Cubic Inches	Cubic Centimeters	16.387064
Grams	Grains	15.432358
Grams	Ounces (AVDP.)	0.35273962
Grams	Ounces (APOTH.)	0.32150737
Kilograms	Pounds (AVDP.)	2.2046226
Millimeters	Inches	0.039370079
Centimeters	Inches	0.39370079
Meters	Feet	3.2808399
Cubic Centimeters	Cubic Inches	0.61023744
Cubic Centimeters (Fluid)	Ounces (U.S. Fluid)	0.33814023
Liters	Quarts (U.S. Fluid)	1.056718

Autoclaving

Instruments are normally autoclaved with saturated steam at 134° Celsius, although a temperature of 121° Celsius may be used in conjunction with a longer exposure time on instruments with limited thermostability.

The sterilization procedure used on your instruments must be in compliance with sterilization standards and must be appropriate for the instruments to be sterilized. The packing materials used in the sterilization procedure must also be suitable for the procedure selected and must comply with all relevant quality sterilization standards.

Dental instruments can be treated similarly to surgical instruments in the sterilization process.

Steam Autoclave Guide	
Temperature	121-134° C
Pressure	30 PSI
Cycle Time	Approximately 30 minutes; must maintain noted temperature & pressure level for 15 minutes
Sterilant	Steam
Sterilization Range	Stainless steel, glassware, Selected rigid materials

Be sure to refer to your autoclave manual or autoclave manufacturer for proper usage instructions.

Thompson™ Cassettes & Sterilizer Compatibility

Company	Model	Type	Chamber Dimensions	Thompson™ Slimline			Thompson™ Standard Cassettes								Thompson™ Speciality Cassettes								
				7	7 Ext	14	5	7	9	10	14	16	22	26	STDSTAT	STDSTAT8	STDORTHO	STDORTHOS	STDBOS	STDBOM	STDBOL	Handpiece	STDPB
Adec	Lisa	A	9.84 x 13.77	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Amsco	Eagle 10	A	10 x 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cox	Rapid Heat	D	12 x 7.5	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
Driclave	Model 75	D	11.5 x 7.25	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
	Model 150	D	13 x 8	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
Harvey	ChemiClave 5000	C	6 x 11	X	X	X	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	ChemiClave 5500	C	8 x 13.25	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	ChemiClave 6000	C	10 x 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	ChemiClave 7000	C	8 x 14	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	ChemiClave 8000	C	10 x 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	PV Dry	A	10 x 10	X	X	X	X	X	X	X	-	-	-		X	X	X	X	X	X	-	X	X
	STERILEMAX	A	12 x 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	MC8	A	8 x 14.5	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	MC10	A	10 x 15.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Midmark	M7 SpeedClave	A	7.5X 15	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
	M9 UltraClave	A	9 x 15	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	M11 UltraClave	A	11 x 18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pelton & Crane	Delta XL 8	A	8.25 x 17.5	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Delta XL 10	A	9.8 x 17.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Validator 8	A	8.25 x 14	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Validator 10	A	9.9 x 17.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Magna-Clave	A	15.25 x 26 x 15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Porter	SES 2000E	A	7.9 x 13.7	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
	SES 2012E	A	11.8 x 14.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Schein	Model 165	D	12.5 x 7.5	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
	Model 265	D	9 x 15	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
Sci-Can	Statim 2000	A	11 x 7 x 1.5	X	X	X	X	X	X	-	-	-	-	-	X	X	-	-	X	-	-	X	X
	Statim 5000	A	15 x 7 x 3	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	-	-	X	X
	Quantim 16	A	9.8 x 13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tuttnauer	Valueklave1730	A	7 x 12	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X
	Model 2340	A	9 x 18.5	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Model 2540	A	10 x 18.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Model 3870	A	15.1 x 29.9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Model EZ9	A	9 x 18.5	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Model EZ10	A	10 x 18.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Model 3870EA	A	15.1 x 29.9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vernitron	Maxima 10	A	9 x 18	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	2000E	A	7 x 14	X	X	X	X	X	X	-	-	-	-		X	X	X	X	X	X	-	X	X
	2000M	A	7 x 14	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	-	X	X

Thompson™ Cassettes & Ultrasonic Compatibility

Company	Model	Capacity (Gal.)	Chamber Dimensions	Thompson™ Slimline			Thompson™ Standard Cassettes								Thompson™ Speciality Cassettes								
				7	7 Ext	14	5	7	9	10	14	16	22	26	STDSTAT	STDSTAT8	STDORTHO	STDORTHOS	STDBOS	STDBOM	STDBOL	Handpiece	STDPB
Adec	Miele G 7881	NA	18.5 x 20.5 x 20.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Harvey	MDT Vibraclean	3.75	11.3 x 8 x 9	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
L & R	Quantrex Q90	0.5	5.8 x 5.3 x 4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
	Quantrex Q140	0.8	9.3 x 5.3 x 4.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X
	Quantrex Q210	1.5	11.75 x 6.0 x 6.0	X	X	X	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	Quantrex Q280	1.75	11.75 x 9.3 x 6.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Quantrex Q310	3.25	15.5 x 9.0 x 6.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Quantrex Q360	3..65	11.5 x 9.25 x 8.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Quantrex Q650	9.5	19.75 x 11.75 x 6.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Miele	G 7781	NA	19.6 x 21 x 19.6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Midmark	Soniclean M150	1.5	11.5 x 6 x 6	X	X	X	X	X	X								X	X	X	X		X	X
	Soniclean M250	2.5	11.5 x 9.5 x 6	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
	Soniclean M550	5.5	19.5 x 11.5 x 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sci-Can	Hydrim C51w	NA	18.25 x 23.6 x 18.75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Hydrim L110w	NA	19 x 15.25 x 24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	X	X
Sonix IV	SS192	0.15	6.0 x 3.2 x 2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	X
	ST136	1.6	11.5 x 5.5 x 6.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	SS102	2.3	19.5 x 5.5 x 6.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	ST126	2.7	11.5 x 9.5 x 6.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	-	X	X
	ST116	5.5	19.5 x 11.5 x 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	ST118	7.8	19.5 x 11.5 x 8.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	SS110	0.3	5.5 x 5.0 x 2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
Porter	ST164H	0.5	5.5 x 5.0 x 4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X
	SS117	0.9	9.5 x 5.5 x 4.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X
Schein	SS118	1.25	9.5 x 5.5 x 6.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X
	ST128	3.4	11.5 x 9.5 x 8.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
Sci-Can	SE134	3.4	11.5 x 9.5 x 8.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	ST236	3.6	12.8 x 11.5 x 6.0	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
Sultan	ProSonic Petite	0.5	6.5 x 3.5 x 2.25	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	X
	ProSonic 300	0.75	9.5 x 5.5 x 4.0	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X
	ProSonic 600	1.5	11.5 x 6 x 6	X	X	X	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	ProSonic 1000	2.5	11.5 x 9.5 x 6	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	ProSonic 2000	5.5	19.5 x 11.5 x 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Quala	5002	0.84	9.4 x 5.4 x 4	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X
	Sweep 5200	1.12	11.75 x 6 x 4	X	X	X	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	5010	3.25	15.5 x 9 x 6	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	Sweep 5300	3.25	15.5 x 9 x 6	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	5050	6.5	19.75 x 11.75 x 6.5	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X
Whaledent	UC100	1.25	11.5 x 6 x 4	X	X	X	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	X	X
	UC300	3	14 x 9 x 6.75	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X
	UC300R	3	14 x 9 x 6.75	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X

Dental Hand Instrument Sharpening Instructions

How to sharpen instruments?

The sharpening stone moves while the instrument is held stationary.

1. Place 1 drop of Miltex® Honing Oil on the Arkansas or India sharpening stone. No lubrication is required on ceramic stones. (Apply oil only if it was not previously applied to stone or if more lubrication is needed).
2. Hold the instrument in one hand while applying the stone to the lateral surface of the point of the instrument, forming a 110° angle with the face of the blade of the instrument.
3. Position the sharpening stone to contact the heel of the instrument blade and work toward the tip, keeping the stone in contact with the blade throughout the sharpening procedure
4. Move the sharpening stone up and down along the instrument with short strokes, placing more pressure on the down stroke. (Continue to keep the instrument still).
5. Finish sharpening the instrument with a down stroke, which prevents a rough edge from forming on the instrument.

a) Metal particles and lubricant will accumulate on the blade and can be wiped off with sterile gauze. (This accumulation is also an indication that the proper angulation was maintained during the sharpening process).

6. For sickle scalers, continue sharpening to the point of the scaler. For curettes, continue around the toe to maintain its curved shape.
7. Test for sharpness with a plastic Miltex® test stick. If the blade of the instrument is sharp, it will grab into the stick. If the blade is dull, it will slide over the stick without grabbing. If the blade of the instrument is still dull after sharpening, re-evaluate the angle of the stone and repeat the sharpening procedure (steps 2-6).
8. Repeat the procedure to sharpen the other side of sickle scalers and universal curettes.



STEP 1



STEPS 2 & 4



STEP 7

Dental Hand Instrument Sharpening Instructions



ROUNDING THE TOE
CURVED SICKLE



ROUNDING THE TOE
STRAIGHT SICKLE

Rounding the toe of curettes

1. Place 1 drop of Miltex® Honing Oil on the Arkansas or India sharpening stone. No lubrication is required on ceramic stones. (Apply oil only if it was not previously applied to stone or if more lubrication is needed).
2. Place the sharpening stone at a 45° angle to the face of the instrument.
3. Using downward strokes, rotate the sharpening stone around the toe of the instrument.

Sharpening the face of dental instruments

Sharpening the face of periodontal instruments is only recommended for removing a roughened edge. Extraneous grinding of the face can weaken the instrument blade.

For curettes and curved sickles, use a conical or cylindrical sharpening stone (Arkansas Conical, part number: STN-ARK-CON or India No. 309 part number: STN-IND-CON-309)

1. Place 1 drop of Miltex® Honing Oil on the Arkansas or India sharpening stone. No lubrication is required on ceramic stones.

   (Apply oil only if it was not previously applied to stone or if more lubrication is needed).
2. Place the stone at the junction between the face of the instrument and the shank of the instrument.
3. Roll the sharpening stone across the face of the instrument, moving toward the toe of the instrument.
4. Use as few strokes as possible and light, even pressure.

For straight sickle instruments, use a flat sharpening stone (Arkansas No. 4 flat, part number: STN-ARK-FLT-4 or India No.1, part number STN-IND-FLT-1).

1. Place 1 drop of Miltex® Honing Oil on the Arkansas or India sharpening stone. No lubrication is required on ceramic stones.

   (Apply oil only if it was not previously applied to stone or if more lubrication is needed).
2. Place the stone on the entire facial surface of the instrument.
3. Move the stone across the facial surface of the instrument in a back and forth motion.
4. Use as few strokes as possible and light, even pressure.

INSTRUMENT WARRANTY

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 Miltex, our customer may return the Instrument to be repaired or replaced at our discretion and at no charge to the customer.

PRODUCT WARRANTY

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 also provided with 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 a 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 Miltex or an Authorized Miltex Distributor. The warranty remains in effect if the Instrument or Product is used for its intended surgical or dental purpose as well as 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 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.
- 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 & REQUISITE STATEMENT

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

TERMS & CONDITIONS

ORDERS AND QUOTATIONS

Contact Miltex, Inc., 589 Davies Drive, York, PA 17402 or call toll free 1-866-854-8300 to place orders and for formal quotations. Orders may also be placed via toll-free fax 1-866-854-8400, on our web site at www.miltex.com (registered authorized distributors only) 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 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 Miltex.
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

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. 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 Miltex of any claim for a shortage or non-conformance within 7 days after receipt of shipment.
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 Miltex. Product returned without an RMA number will be returned directly to the distributor, at our cost, with a letter of explanation. Returns can only be granted and authorized by obtaining an RMA number from Miltex customer service at toll free 1-866-854-8300.
Issue of an RMA number should not be interpreted as a final credit to your customer account. 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 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 1-866-854-8300 for information regarding special shipping and handling requirements.

INSTRUMENT SERVICE, REPAIR AND RETURN INSTRUCTIONS

Miltex, Inc. 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 1.866.854.8300 or repairs@miltex.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 Miltex, Inc. without an RMA number will be returned to sender without being evaluated or repaired.

Once you have received your RMA number, repairs should be sent to:

Miltex, Inc.
Repair Department
589 Davies Drive
York, PA 17402 USA
RMA #: _____ (needed on outside of shipping box)

How to Package and Ship Instruments:
- Miltex, Inc. cannot accept instruments that have not been properly cleaned and sterilized.
- Include the RMA number, customer account number, customer purchase order number and reason for repair.
- Include all contact information (name, address, phone number, email address).
- Wrap instruments to protect them during transit.
- Use a common carrier (FedEx, UPS).
- Insure the package, and keep a record of the tracking number.

NOTE: We cannot accept instruments for repair at conventions or trade shows. Miltex, Inc. representatives cannot accept instruments for repair. Please follow the instructions above.

If you have questions or comments, contact Customer Service at 1.866.854.8300 or repairs@miltex.com.



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