

Miltex
Redefining Excellence



SUPERCUT & TUNGSTEN CARBIDE INSTRUMENTS



INTRODUCTION

The Miltex name is synonymous with premium surgical instrumentation. Manufactured of the highest quality stainless steel forgings by skilled German craftsmen to exacting specifications.

The surgical “feel” of our instruments, the superb cutting ability, the smoothly beveled box locks and jaw edges which protect suture material from snags or cutting are just a few features that differentiate and make Miltex products outperform and stand-out from the competition.

These premium SuperCut and Tungsten Carbide instruments include a comprehensive offering of scissors, needle holders, forceps, rasps and other specialty patterns. Our instrument selections recognize and meet the variety of clinical needs for all specialties including General Surgery, Plastic Surgery, Dermatology, Ophthalmology, Dentistry, Veterinary and many more.

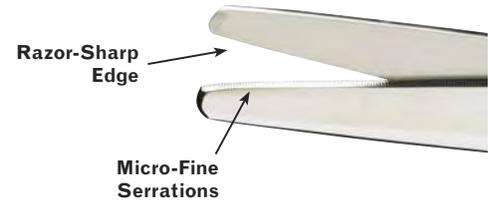
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MILTEX® SUPERCUT SCISSORS

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 prevent slippage. For easy identification, Miltex SuperCut Scissors have two black ring handles.

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

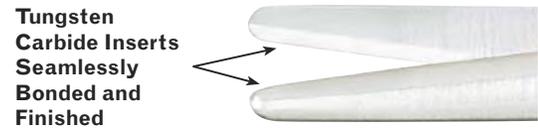


MILTEX® CARB-N-SERT® SCISSORS*

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 represent a considerable cost savings to the clinician as a result of consistently superior performance and extended service life.

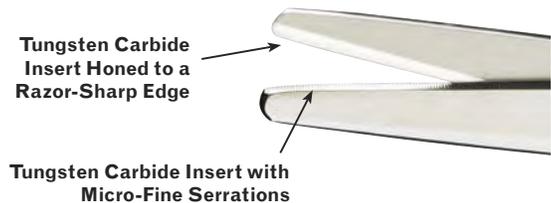
Miltex Carb-N-Sert® Scissors are easily identified by their gold ring handles.



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.

ANATOMY OF MILTEX® SCISSORS



CHOICE OF BLADES

Carb-N-Sert® (Tungsten Carbide)
SuperCut
SuperCut/Carb-N-Sert® combination

BLADE DESIGN

Tungsten Carbide inserts are seamlessly bonded to the finest quality stainless steel surgical scissors and 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 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 are used and will not harm or damage the instrument as did older and traditional acid etching techniques.

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 prevention of hand fatigue. Gold and black finished handles differentiate Tungsten Carbide and SuperCuts as precision instruments.

Operating Scissors

General utility scissors with sharp-blunt and blunt-blunt tips are ideal for cutting suture, gauze, tubing, etc. The sharp-sharp patterns are also used for general utility applications but 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 | straight | sharp/sharp | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-16TC | straight | sharp/blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-16 | straight | sharp/blunt | SuperCut | 5-1/2" (14 cm) |
| 5-26TC | straight | blunt/blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-36TC | curved | sharp/sharp | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-46TC | curved | sharp/blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-46 | curved | sharp/blunt | SuperCut | 5-1/2" (14 cm) |
| 5-56TC | curved | blunt/blunt | Carb-N-Sert® | 5-1/2" (14 cm) |



5-6TC
thru
5-56TC



5-SC-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 | straight | sharp | Carb-N-Sert® | 4-1/2" (11.4 cm) |
| 5-SC-304 | straight | sharp | SuperCut | 4-1/2" (11.4 cm) |
| 5-SC-304TC | straight | sharp | combination SuperCut/Carb-N-Sert® | 4-1/2" (11.4 cm) |
| 5-306TC | curved | sharp | Carb-N-Sert® | 4-1/2" (11.4 cm) |
| 5-SC-306 | curved | sharp | SuperCut | 4-1/2" (11.4 cm) |
| 5-SC-306TC | curved | sharp | combination SuperCut/Carb-N-Sert® | 4-1/2" (11.4 cm) |



5-304TC
5-306TC



5-SC-304
5-SC-306



5-SC-304TC
5-SC-306TC

STEVENS Tenotomy Scissors

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

| REF | Description | Tip | Type | Length |
|------------|-------------|-------|----------|------------------------------|
| 18-SC-1470 | straight | sharp | SuperCut | 4-1/2" (11.4 cm) NEW! |
| 18-SC-1472 | straight | blunt | SuperCut | 4-1/2" (11.4 cm) |
| 18-SC-1474 | curved | sharp | SuperCut | 4-1/2" (11.4 cm) NEW! |
| 18-SC-1476 | curved | blunt | SuperCut | 4-1/2" (11.4 cm) |



18-SC-1470
18-SC-1474



18-SC-1472
18-SC-1476

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 | straight | blunt | SuperCut | 5-1/2" (14 cm) |
| 5-120TC | straight | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-122 | curved | blunt | SuperCut | 5-1/2" (14 cm) |
| 5-122TC | curved | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-124 | straight | blunt | SuperCut | 6-3/4" (17.1 cm) |
| 5-124TC | straight | blunt | Carb-N-Sert® | 6-3/4" (17.1 cm) |
| 5-SC-126 | curved | blunt | SuperCut | 6-3/4" (17.1 cm) |
| 5-126TC | curved | blunt </td <td>Carb-N-Sert®</td> <td>6-3/4" (17.1 cm)</td> | Carb-N-Sert® | 6-3/4" (17.1 cm) |
| 5-SC-128 | straight | blunt | SuperCut | 9" (22.9 cm) |
| 5-128TC | straight | blunt | Carb-N-Sert® | 9" (22.9 cm) |
| 5-SC-130 | curved | blunt | SuperCut | 9" (22.9 cm) |
| 5-130TC | curved | blunt | Carb-N-Sert® | 9" (22.9 cm) |



5-SC-120 thru 5-SC-130



5-120TC thru 5-130TC

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 | straight | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-138TC | curved | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-140TC | straight | blunt | Carb-N-Sert® | 6-3/4" (17.1 cm) |
| 5-142TC | 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 | (LAHEY) straight | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-179 | (LAHEY) straight | blunt | SuperCut | 5-1/2" (14 cm) NEW! |
| 5-180TC | (LAHEY) curved | blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-SC-180 | (LAHEY) curved | blunt | SuperCut | 5-1/2" (14 cm) |
| 5-SC-283 | straight | blunt | SuperCut | 4-1/2" (11.4 cm) |
| 5-SC-284 | curved | blunt | SuperCut | 4-1/2" (11.4 cm) |



5-179TC
5-180TC



5-SC-179
5-SC-180



5-SC-283
5-SC-284

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 | straight | blunt | Carb-N-Sert® | 7" (17.8 cm) |
| 5-182TC | curved | blunt | Carb-N-Sert® | 7" (17.8 cm) |
| 5-SC-182 | curved | blunt | SuperCut | 7" (17.8 cm) |
| 5-SC-182TC | curved | blunt | Combination SuperCut/Carb-N-Sert® | 7" (17.8 cm) |
| 5-184TC | curved | blunt | Carb-N-Sert® | 8" (20.3 cm) |
| 5-186TC | straight | blunt | Carb-N-Sert® | 9" (22.9 cm) |
| 5-188TC | curved | blunt | Carb-N-Sert® | 9" (22.9 cm) |
| 5-SC-188 | curved | blunt | SuperCut | 9" (22.9 cm) |
| 5-189A-TC | curved | blunt | Carb-N-Sert® | 10" (25.4 cm) |
| 5-192TC | curved | blunt | Carb-N-Sert® | 11" (27.9 cm) |
| 5-193A-TC | curved | blunt | Carb-N-Sert® | 12" (30.5 cm) |



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

These feature a lighter and more delicate blade design with blunt or sharp tip options.

| REF | Description | Tip | Type | Length |
|-----------|-------------|-----------------|--------------|----------------|
| 5-179A-TC | straight | delicate, blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-179B-TC | straight | delicate, sharp | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-180A-TC | curved | delicate, blunt | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-180B-TC | curved | delicate, sharp | Carb-N-Sert® | 5-1/2" (14 cm) |
| 5-181A-TC | straight | delicate, blunt | Carb-N-Sert® | 7" (17.8 cm) |
| 5-181B-TC | straight | delicate, sharp | Carb-N-Sert® | 7" (17.8 cm) |
| 5-182A-TC | curved | delicate, blunt | Carb-N-Sert® | 7" (17.8 cm) |
| 5-182B-TC | curved | delicate, sharp | Carb-N-Sert® | 7" (17.8 cm) |
| 5-187TC | straight | delicate, blunt | Carb-N-Sert® | 9" (22.9 cm) |
| 5-189TC | curved | delicate, blunt | Carb-N-Sert® | 9" (22.9 cm) |



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 dissection during plastic and general surgery.

GOLDMAN-FOX Scissors

A longer and slightly heavier version of the Tenotomy scissors. Has one-serrated blade for optimum tissue grip and 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". These general purpose scissors are also useful in nasal surgery.

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 cutting skin tags and delicate dissection.

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



GORNEY Scissors

The Gorney & Gorney-Freeman scissors are a heavier pattern when compared to the Kaye and Kaye-Freeman scissors and are ideal for Face Lift and general surgery procedures. The saber-back blades with semi-sharp outer edges combined with the flattened tip allow for effortlessly passing through and undermining tissue on the face, neck, etc. The flattened and delicate blunt tips facilitate precision dissection and eliminate potential for "buttonholing".

| REF | Description | Tip | Type | Length |
|-----------|---------------------|----------|--------------|----------------------------|
| 21-SC-607 | Gorney Rhytidectomy | straight | SuperCut | 7-1/2" (19 cm) NEW! |
| 21-SC-608 | Gorney Rhytidectomy | curved | SuperCut | 7-1/2" (19 cm) NEW! |
| 21-608TC | Gorney Rhytidectomy | curved | Carb-N-Sert® | 7-1/2" (19 cm) NEW! |

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



21-SC-607
21-SC-608

21-608TC

GORNEY-FREEMAN Scissors

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

| REF | Description | Tip | Type | Length |
|-----------|----------------|----------|--------------|------------------------------|
| 21-SC-715 | Gorney-Freeman | curved | SuperCut | 7-1/4" (18.4 cm) NEW! |
| 21-715TC | Gorney-Freeman | curved | Carb-N-Sert® | 7-1/4" (18.4 cm) NEW! |
| 21-SC-716 | Gorney-Freeman | straight | SuperCut | 7-1/4" (18.4 cm) NEW! |

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



KAYE Scissors

The Kaye and Kaye-Freeman scissors are a lighter and delicate option to the Gorney & Gorney-Freeman scissors patterns and are ideal for Face Lift and general surgery procedures. The saber-back blades with semi-sharp outer edges combined with the flattened tip allow for effortlessly passing through and undermining tissue on the face, neck, etc. The flattened and delicate blunt tips facilitate precision dissection and eliminate potential for "buttonholing".

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

* 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 reduced hand fatigue.

| REF | Description | Tip | Type | Length |
|-----------|--------------|----------|--------------|--------------------------|
| 21-710TC | KAYE-FREEMAN | curved | Carb-N-Sert® | 7" (17.8 cm) NEW! |
| 21-SC-710 | KAYE-FREEMAN | curved | SuperCut | 7" (17.8 cm) NEW! |
| 21-SC-711 | KAYE-FREEMAN | straight | SuperCut | 7" (17.8 cm) NEW! |

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



Specialty Scissors

SUTURE/WIRE CUTTING Scissors

45 degree 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 them ideal for dissection of Nasal tip cartilage, Conjunctival and General Utility use and application.

MILTEX Blepharoplasty Scissors

The lower serrated blade with flat tapered tip facilitates precise undermining of delicate tissue and ideal for general, dermal and various plastic surgery 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 degree angled shanks provide optimum visibility during nasal procedures. The strong narrow serrated blade design cuts dorsal cartilage effortlessly.

PAR Scissors

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

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



9-124TC



18-1440TC



21-537TC



21-SC-600



21-604TC



21-SC-745

GYN Scissors - Z-Type Hysterectomy & Parametrium

The Miltex® Z-Type Scissors have a precise form and bend to cut tissue lateral to the uterus and are configured to precisely match the Miltex Z-Type Forceps. These scissors feature a robust design which offers lasting sharpness and durability and are ideal for vaginal and abdominal hysterectomy procedures.

| REF | Description | Tip | Type | Length | |
|-----------|-------------|--------------|--------------|-------------------|-------------|
| 30-2101TC | Z-Type | Slight Curve | Carb-N-Sert® | 9" (22.8 cm) | NEW! |
| 30-2102TC | Z-Type | Curve | Carb-N-Sert® | 9" (22.8 cm) | NEW! |
| 30-2103TC | Z-Type | Full Curve | Carb-N-Sert® | 9" (22.8 cm) | NEW! |
| 30-2105TC | Z-Type | Slight Curve | Carb-N-Sert® | 10-1/2" (26.6 cm) | NEW! |
| 30-2106TC | Z-Type | Curve | Carb-N-Sert® | 10-1/2" (26.6 cm) | NEW! |
| 30-2107TC | Z-Type | Full Curve | Carb-N-Sert® | 10-1/2" (26.6 cm) | NEW! |
| 30-2109TC | Z-Type | Slight Curve | Carb-N-Sert® | 12" (30.4 cm) | NEW! |
| 30-2110TC | Z-Type | Curve | Carb-N-Sert® | 12" (30.4 cm) | NEW! |
| 30-2111TC | Z-Type | Full Curve | Carb-N-Sert® | 12" (30.4 cm) | NEW! |



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



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



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

ANATOMY OF MILTEX® FORCEPS

The Miltex Repair and Service Team offer extensive instrument refurbishment and Tungsten Carbide jaw replacement services. Contact us for more information.



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 forming 4,000 pyramid-shaped teeth per square inch to provide a positive non-slip grip. Tissue forceps have precision formed teeth with perfect alignment to provide a durable and reliable grasp of the most delicate or toughest tissues, as well as needles, sutures, dressing materials, delicate vessels, etc.

SPRING TENSION

Properly set to consistently maintain proper position to ensure optimum grip without having to apply excess tension.

LASER ETCHING

All Miltex forceps are laser etched with our logo and catalog number for easy re-ordering. Advanced laser techniques are used and will not harm or damage the instrument as did older and traditional acid etching techniques.

SATIN FINISH

Each instrument is satin finished to reduce glare.

TANG

Evenly welded and finished with rounded edges for the utmost comfort. Gold finished handles differentiate 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 tips and jaws provide considerably longer service life and will maintain a firm and reliable grasp of tissue, suture, needles and other suture sundries. The Tungsten Carbide insert provides an added hardness which prevents "metal on metal" wear when used in suturing applications.

| REF | Description | Type | 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) NEW! |
| 6-115TC | HUDSON (Ewald) Tissue and Suture Forceps, 1x2 teeth and cross serrated tying platform | Carb-N-Sert® | 6" (15.2 cm) NEW! |
| 6-118TC | ADSON Dressing Forceps, cross serrated | Carb-N-Sert® | 4-3/4" (12.1 cm) NEW! |
| 6-129TC | ADSON Dressing Forceps, cross serrated | Carb-N-Sert® | 6" (15.2 cm) |
| 6-123TC | ADSON Tissue and Suture Forceps, 1x2 teeth and 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 | Type | Length |
|---------|--|--------------|--------------------------|
| 6-130TC | ADSON Tissue and Suture Forceps, 1x2 teeth and cross serrated tying platform | Carb-N-Sert® | 6" (15.2 cm) NEW! |
| 6-124TC | BROWN-ADSON Tissue and Suture Forceps, 7x7 side grasping teeth and cross serrated tying platform | Carb-N-Sert® | 4-3/4" (12.1 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) |



6-130TC

6-124TC

6-154TC
6-156TC
6-158TC

6-165TC

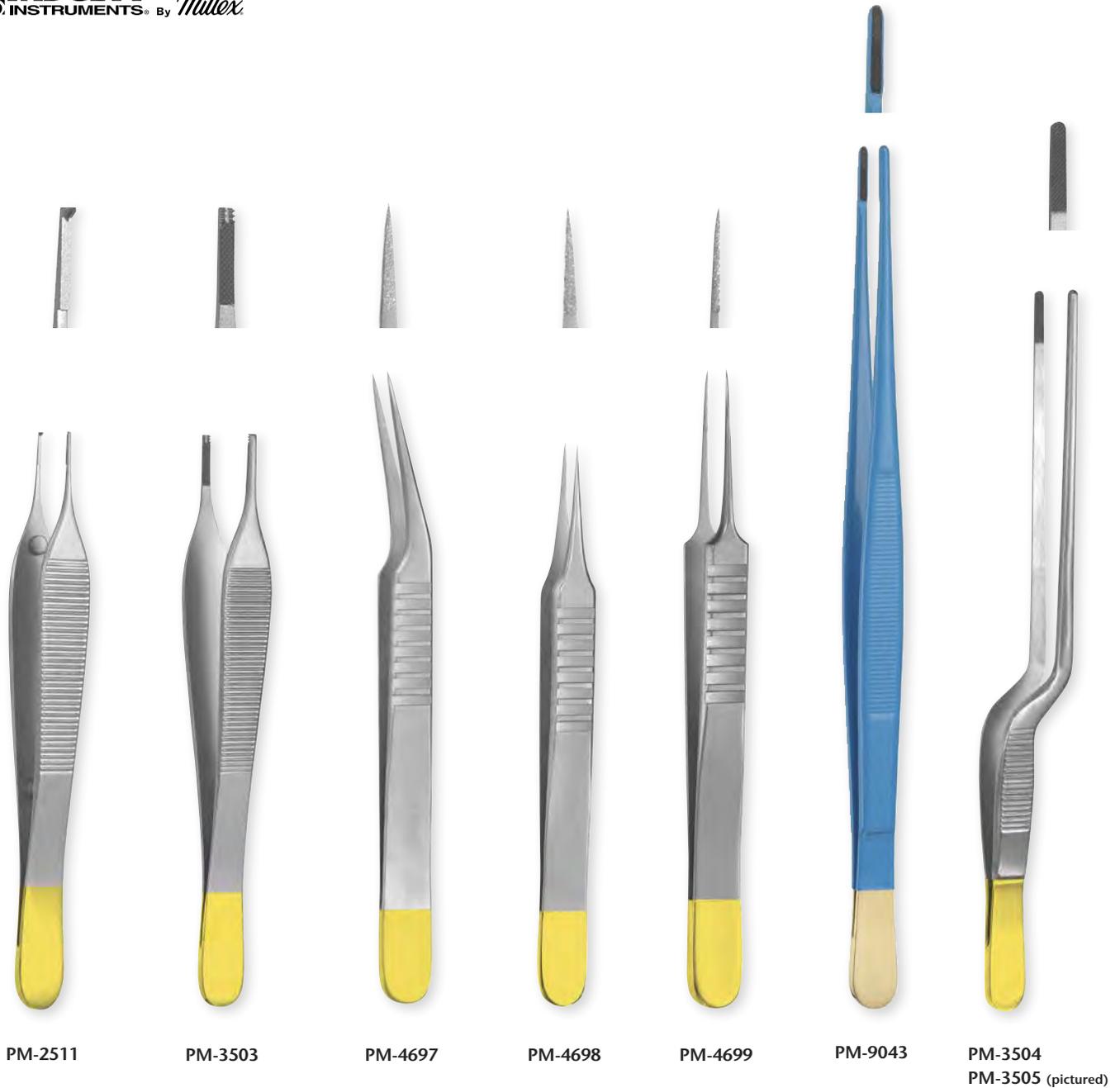
6-166TC

6-198TC

Dressing & Tissue Forceps

| REF | Description | Type | Length | |
|----------|---|------------------|------------------|-------------|
| PM-2511* | GORNEY-ADSON Forceps, 1x2 Teeth with Smooth Tying Platform | Tungsten Carbide | 4-3/4" (12.1 cm) | NEW! |
| PM-3503* | BROWN-ADSON Forceps, 4x4 Side Grasping Teeth with Cross Serrated Tying Platform | Tungsten Carbide | 4-3/4" (12.1 cm) | NEW! |
| PM-4697* | Jeweler's "Dilator" Forceps | Diamond Dust | 4-1/2" (14.1 cm) | NEW! |
| PM-4698* | Jeweler's Forceps #4 | Diamond Dust | 4" (10.2 cm) | NEW! |
| PM-4699* | Jeweler's Forceps #5A | Diamond Dust | 4-1/4" (10.8 cm) | NEW! |
| PM-9043* | Crow Coagulating Forceps, ESU Insulated, Cross Serrated | Tungsten Carbide | 9" (22.9 cm) | NEW! |
| PM-3504* | Rees Bayonet Forceps, Cross Serrated | Tungsten Carbide | 5-1/2" (14 cm) | NEW! |
| PM-3505* | Rees Bayonet Forceps, Cross Serrated | Tungsten Carbide | 6-1/2" (15.9 cm) | NEW! |

*  **PADGETT**
INSTRUMENTS® By *Miltex*



PM-2511

PM-3503

PM-4697

PM-4698

PM-4699

PM-9043

PM-3504

PM-3505 (pictured)

ANATOMY OF MILTEX® NEEDLE HOLDERS

The Miltex Repair and Service Team offer extensive instrument refurbishment and Tungsten Carbide jaw replacement services. Contact us for more information.



Carb-N-Sert® (Tungsten Carbide Jaws)

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

These jaws are custom crafted with teeth ranging from 2,600 per square inch to 16,000 per square inch, according to the size of the instrument and the sizes of needles and sutures. Needle holder patterns are also available with smooth Carb-N-Sert® jaws, designed to hold the smallest sutures in micro-surgical 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 to provide a positive non-slip surface.

BOX LOCK

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

LASER ETCHING

All Miltex needle holders are laser etched with our logo and catalog number for easy re-ordering. Advanced laser techniques are used and will not harm or damage the instrument as did older and traditional acid etching techniques.

SATIN FINISH

Each instrument is satin finished to reduce glare.

RING HANDLES

Well rounded and polished for better “feel and comfort” as well as prevention of hand fatigue. Gold-plated ring handles help to identify these precision instruments.

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

CARB-N-SERT® Needle Holders

Miltex Tungsten Carbide Needle Holders offer long-term savings due to extended service life and resistance to "metal-on-metal" wear inherent to standard stainless steel patterns. These precision instruments ensure a firm, reliable grip on needles/sutures and are available in a large variety of length and jaw configurations to accommodate general and specialty procedures.

| REF | Description | Jaws | Teeth P. Sq. Inch | Type | Length |
|---------|-----------------------------------|----------|-------------------|--------------|-------------------|
| 8-3TC | PAR, delicate | serrated | 16000 | Carb-N-Sert® | 4-1/2" (11.4 cm), |
| 8-5TC | PAR, delicate | serrated | 16000 | Carb-N-Sert® | 5" (12.7 cm) |
| 8-4TC | DERF | serrated | 4000 | Carb-N-Sert® | 4-3/4" (12.1 cm) |
| 8-6TC | WEBSTER, delicate | smooth | | Carb-N-Sert® | 5-1/4" (13.3 cm) |
| 8-7TC | WEBSTER, extra delicate | smooth | | Carb-N-Sert® | 4-3/4" (12.1 cm) |
| 8-7A-TC | WEBSTER (JOHNSON), extra delicate | serrated | 4000 | Carb-N-Sert® | 4-3/4" (12.1 cm) |
| 8-8TC | HALSEY | smooth | | Carb-N-Sert® | 5" (12.7 cm) |
| 8-8A-TC | HALSEY | 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 | Jaws | Teeth P. Sq. Inch | Type | 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 | serrated | 2600 | Carb-N-Sert® | 5-1/2" (14 cm) |
| 8-30TC | MATHIEU | serrated | 2600 | Carb-N-Sert® | 6-1/4" (15.9 cm) |
| 8-40TC | BAUMGARTNER | 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 | Jaws | Teeth P. Sq. Inch | Type | Length |
|----------|---------------------|----------|-------------------|--------------|-------------------|
| 8-42TC | MAYO-HEGAR | serrated | 2600 | Carb-N-Sert® | 5" (12.7 cm) |
| 8-44TC | MAYO-HEGAR | serrated | 2600 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-46TC | MAYO-HEGAR | serrated | 2600 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-48TC | MAYO-HEGAR | serrated | 2600 | Carb-N-Sert® | 8" (20.3 cm) |
| 8-130TC | MAYO-HEGAR (MASSON) | serrated | 2600 | Carb-N-Sert® | 10-1/2" (26.7 cm) |
| 8-49TC | MAYO-HEGAR | serrated | 2600 | Carb-N-Sert® | 12" (30.5 cm) |
| 8-50TC | CRILE-WOOD | serrated | 4000 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-50A-TC | CRILE-WOOD | smooth | | Carb-N-Sert® | 6" (15.2 cm) |



CARB-N-SERT® Needle Holders

| REF | Description | Jaws | Teeth P. Sq. Inch | Type | Length |
|--------|--|----------|-------------------|--------------|-------------------|
| 8-51TC | CRILE-WOOD (DeBakey) | serrated | 4000 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-52TC | CRILE-WOOD (DeBakey) | serrated | 2600 | Carb-N-Sert® | 8" (20.3 cm) |
| 8-53TC | CRILE-WOOD (DeBakey) | serrated | 2600 | Carb-N-Sert® | 9" (22.9 cm) |
| 8-55TC | CRILE-WOOD (DeBakey) | serrated | 2600 | Carb-N-Sert® | 10-1/2" (26.7 cm) |
| 8-57TC | CRILE-WOOD (DeBakey) | serrated | 2600 | Carb-N-Sert® | 12" (30.5 cm) |
| 8-62TC | COOLEY, extra delicate | serrated | 4000 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-63TC | COOLEY, extra delicate | serrated | 4000 | Carb-N-Sert® | 6-3/4" (17.1 cm) |
| 8-65TC | RYDER -Type Intracardiac, extra delicate | serrated | 4000 | Carb-N-Sert® | 5" (12.7 cm) |
| 8-66TC | RYDER -Type Intracardiac, extra delicate | serrated | 4000 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-67TC | RYDER -Type Intracardiac, extra delicate | serrated | 4000 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-69TC | RYDER -Type Intracardiac, extra delicate | serrated | 4000 | Carb-N-Sert® | 9" (22.9 cm) |
| 8-81TC | NEW ORLEANS | 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 | Jaws | Teeth P. Sq. Inch | Type | Length |
|----------|----------------|------------------|-------------------|--------------|-------------------|
| 8-82TC | JULIAN Pattern | serrated | 2600 | Carb-N-Sert® | 8-1/4" (21 cm) |
| 8-83TC | JULIAN Pattern | serrated, curved | 2600 | Carb-N-Sert® | 8-1/4" (21 cm) |
| 8-96TC | SAROT | serrated | 2600 | Carb-N-Sert® | 7-1/4" (18.4 cm) |
| 8-114TC | SAROT | serrated | 2600 | Carb-N-Sert® | 10-1/2" (26.7 cm) |
| 8-100TC | HEANY | serrated, curved | 2600 | Carb-N-Sert® | 8-1/2" (21.6 cm) |
| 8-102TC | STRATTE | 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 | Jaws | Teeth P. Sq. Inch | Type | Length |
|-----------|--------------------------------------|-------------------|-------------------|--------------|-------------------|
| 29-310TC | BIHRLE Needle Holder/Clamp | serrated & smooth | | Carb-N-Sert® | 11" (27.9 cm) |
| 8-101TC | RYDER | serrated | 4000 | Carb-N-Sert® | 5" (12.7 cm) |
| 8-103TC | RYDER | serrated | 4000 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-104TC | RYDER | serrated | 4000 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-105TC | RYDER | serrated | 4000 | Carb-N-Sert® | 8" (20.3 cm) |
| 8-106TC | RYDER | serrated | 4000 | Carb-N-Sert® | 9" (22.9 cm) |
| 8-107TC | RYDER | serrated | 4000 | Carb-N-Sert® | 10-1/4" (26 cm) |
| 8-134TC | WANGENSTEEN | serrated | 2600 | Carb-N-Sert® | 10-3/4" (27.3 cm) |
| 18-1816TC | MILTEX-CASTROVIEJO, delicate w/ lock | smooth | | Carb-N-Sert® | 4-1/8" (10.5 cm) |



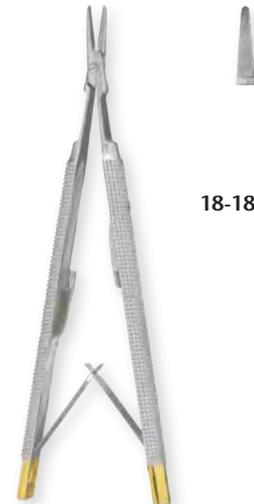
29-310TC



8-101TC
to
8-107TC



8-134TC



18-1816TC

CARB-N-SERT® Needle Holders

| REF | Description | Jaws | Teeth P. Sq. Inch | Type | Length |
|-------------|---------------------------------|--------------------|-------------------|--------------|------------------|
| 18-1828TC | CASTROVIEJO, w/ lock | smooth, straight | | Carb-N-Sert® | 5-1/2" (14 cm) |
| 18-1828A-TC | CASTROVIEJO, w/ lock | serrated, straight | 16000 | Carb-N-Sert® | 5-1/2" (14 cm) |
| 18-1832TC | CASTROVIEJO, w/ lock | smooth, curved | | Carb-N-Sert® | 5-1/2" (14 cm) |
| 18-1832A-TC | CASTROVIEJO, w/ lock | serrated, curved | 16000 | Carb-N-Sert® | 5-1/2" (14 cm) |
| 17-1090TC | JACOBSON Microvascular, w/ lock | serrated, straight | 16000 | Carb-N-Sert® | 7" (17.8 cm) |
| 17-1091TC | JACOBSON Microvascular, w/ lock | serrated, curved | 16000 | Carb-N-Sert® | 7" (17.8 cm) |
| 17-1092TC | JACOBSON Microvascular, w/ 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, Quick-Release

Special quick-release ratchet feature is offered on our most popular patterns. The offset ratchet design provides ergonomic comfort and ease of use for all clinician grip and suturing techniques. Also suitable for the left handed.

| REF | Description | Jaws | Teeth P. Sq. Inch | Type | Length |
|---------|-----------------------------|----------|-------------------|--------------|--------------|
| 8-706TC | WEBSTER w/ Quick-Release | smooth | 2600 | Carb-N-Sert® | 5" (12.7 cm) |
| 8-744TC | MAYO-HEGAR w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-746TC | MAYO-HEGAR w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-748TC | MAYO-HEGAR w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 8" (20.3 cm) |
| 8-750TC | CRILE-WOOD w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 6" (15.2 cm) |
| 8-751TC | CRILE-WOOD w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 7" (17.8 cm) |
| 8-752TC | CRILE-WOOD w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 8" (20.3 cm) |
| 8-753TC | CRILE-WOOD w/ Quick-Release | serrated | 2600 | Carb-N-Sert® | 9" (22.9 cm) |



Specialty Instruments for Pin and Wire

| REF | Description | Jaws | Type | Length |
|----------|---|---|--------------|----------------|
| 27-159TC | Pin and Wire Cutter Cuts up to 2 mm (5/64") soft wire or 1.5 mm (1/16") hard wire | double action | Carb-N-Sert® | 7" (17.8 cm) |
| 27-161TC | MILTEX Pin Cutter, heavy duty, Cuts up to 4.8 mm (3/16") diameter | double action | Carb-N-Sert® | 15" (38.1 cm) |
| 27-163TC | Front and Side Pin and Wire Cutter, Cuts up to 2 mm (5/64") soft wire or 1.6 mm (1/16") hard wire | double action, flush cutting | 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 and 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

ANATOMY OF MILTEX® RASPS

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



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. Advanced laser techniques are used and will not harm or damage the instrument as did older and traditional acid etching techniques.

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” as well as prevention of hand fatigue. Gold finished handles differentiate these rasps as precision instruments.

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

Rasps

| 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) |



No. 1 No. 2 No. 3 No. 4
21-380TC 21-381TC



No. 5 No. 6 No. 7 No. 8
21-382TC 21-383TC



No. 1 No. 2 No. 3 No. 4
21-384TC 21-385TC 21-386TC 21-387TC



No. 5 No. 6 No. 7 No. 8
21-388TC 21-389TC 21-390TC 21-391TC

Rasps, continued

| REF | Description | Style | Tip | Type | Length |
|----------|---------------|------------------|--|----------------|----------------|
| 21-392DC | PEET (COTTLE) | finishing rasp | Straight | Diamond Coated | 7-1/2" (19 cm) |
| 21-393DC | PEET (COTTLE) | 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



www.miltex.com
toll-free phone 866-854-8300
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phone 717-840-9335
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Please call Customer Service today for additional information, an in-office demonstration, to place an order, or to receive other Miltex catalogs.

