

# MERIDIAN



**20-140TC Ligature Cutter.**  
**Tungsten Carbide Tips.**  
 5.00" length.  
 Precise cutting tips stay sharp much longer than non-inserted tips.  
 Cuts soft wire up to .015.



**20-154TC Hard Wire Cutter.**  
**Tungsten Carbide Tips.**  
 5.00" length.  
 Carbide tips maintain sharp cutting edges. Cuts wire up to .020.



**20-141 Mini Ligature Cutter.**  
**Tungsten Carbide Tips.**  
 4.75" length.  
 Compact head and slim handles for cutting wire ligatures to .014.



**20-143TC Ligature Cutter.**  
**15 degree angle.**  
 5.00" length.  
 15 degree angle for easy access.  
 Cuts soft wire up to .015.  
 Carbide tip 45 degree #20-144H



**20-52-579 NiTi Bender.**  
 5.25" length.  
 Dual "Hammerhead" design for effective 90 degree bends of round NiTi with no scoring.



**20-580C Angled Bracket Remover.** 5.00" length.  
 Angled tips for efficient removal of bonded brackets.



**20-15-575 Step Bending Plier.**  
 5.25" length.  
 Available in 1mm, .75mm or .50 mm.



**20-490 Howe Plier.**  
 5.00" length.  
 Straight or curved tip. For the placement and removal of wire.



**20-500 Bell Tip Posterior Band Remover.**  
 5.50" length.  
 Bell tip upper beak coupled with "lipped" lower beak.  
 Replacement tip 20-500R



**20-514H-L Posterior Band Remover.** 5.25" length.  
 Band removing plier with carbide inserted long beak.  
 Replacement tip 20-60-983



**20-540 Lab Hard Wire Cutter.**  
 6.00" length.  
 Will cut up to .036".  
 Special order: Double action cutters will cut up to .060".



**20-520 Bird Beak Plier.**  
 5.50" length.  
 10 mm cone beak coupled with pyramidal beak.  
 Forms wire up to .030.



**20-570 Weingart Plier.**  
 5.50" length.  
 Small beaks allow easier access. Serrated tips provide superior tensile strength.



**20-571 Weingart Slim Tip.**  
 5.75" length.  
 Narrow tips allow greater accessibility. Serrated tips provide secure grip.



**20-52-147 Distal End Cutter Flush Cut.** 5.00" or 6.00" length.  
 Cuts wire flush distal of buccal tube. Cuts wire up to .021x.025.  
**10 degree angulated available.**



**20-460 Tweed Rectangular Pliers.** 5.50" length.  
 Optimal design for placing bends in archwire.



**20-210 Bond Removing Plier.**  
 5.50" length.  
 Replacement tip 20-60-983  
 Metal replacement tip 20-211



**20-442 Three-Prong Small or Regular.** 4.75" or 5.00" length.  
 7 or 10mm beak will control and bend wires up to .030(.76mm).



**20-440 Three-Prong Narrow**  
 5.00" length.  
 Narrow jaws for tighter bends.  
 For wires up to .030 (.76mm).



**20-420 Jarabek Plier.**  
 5.50" length.  
 Used for bending arches and loop closing. Tip of one beak is serrated for firm grip of wire.

Precision Crafted **MATHIEUS**  
the finest **German** stainless steel

20-012 Mathieu  
Ligature Hold



Machine milled cross serrations on tips provide firm hold for elastic placement.

20-010 Mathieu  
Fine Point



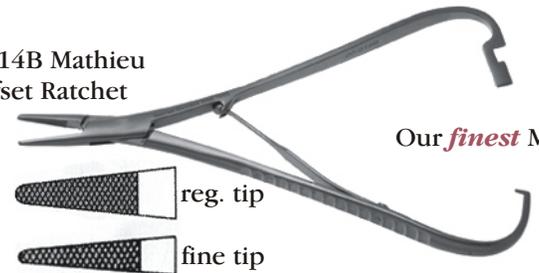
Finely tapered jaws for easy placement or removal of elastics. Double springs reduce wear on body of instrument.

20-014 Mathieu  
Standard



Our standard Mathieu. Also available with tungsten carbide tips. Order # 20-014TC. "Cross serrations" in the jaw are machine milled for firm grip.

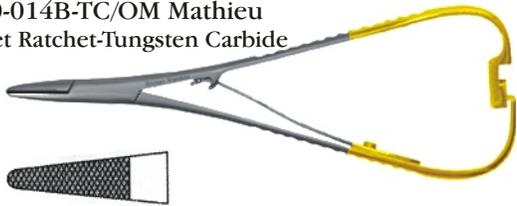
20-014B Mathieu  
Offset Ratchet



Our *finest* Mathieu

Cross serrated and machine milled jaws for firm grip. "Glide spring" resists scratching. "Glove safe Ratchet" will not snag glove. Reduced hand fatigue guaranteed.

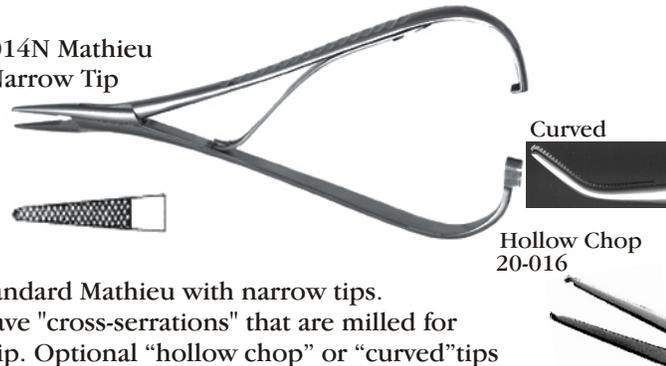
20-014B-TC/OM Mathieu  
Offset Ratchet-Tungsten Carbide



Premium Quality

Tungsten Carbide tips (5 year warranty) for elastic and steel ligatures. "Glide Spring" resists scratching. "Glove safe Ratchet" won't snag glove. Unique spring and ratchet design reduces hand fatigue.

20-014N Mathieu  
Narrow Tip



Curved

Hollow Chop  
20-016

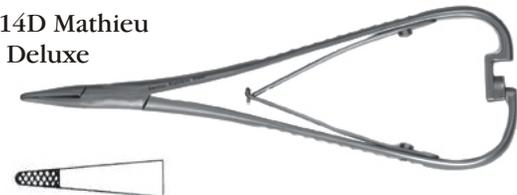
Our standard Mathieu with narrow tips. Jaws have "cross-serrations" that are milled for firm grip. Optional "hollow chop" or "curved" tips

20-015 Mathieu  
Fine Point-Hook Tip



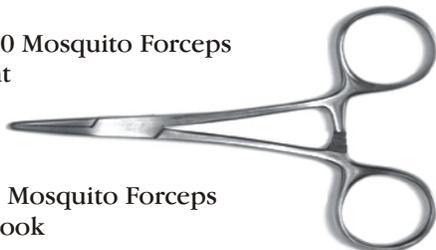
Hook is small enough to easily fit in elastic, leaving plenty of space in elastic for placement. Double spring reduces wear on body of instrument.

20-014D Mathieu  
Deluxe



Jaws are narrow with cross-serrations only at the very tip. Double Spring means less wear on body of instrument. Offset ratchet reduces hand fatigue and will not catch glove.

30-1720 Mosquito Forceps  
Straight



20-003 Mosquito Forceps  
with Hook

20-002 Elastic Forceps  
Serrations on tip only

