

Tools of the Trade...

Fairfield Orthodontics believes that orthodontic instruments should be designed to aid in the enhancement of the individual doctors technical abilities. Our selection of pliers is built on this principal.

Our popular Performa instruments are constructed of surgical grade stainless steel and are highly corrosion resistant. Tips are precision aligned and cutters feature diamond honed edges. Performa instruments come with a lifetime warranty against manufacturer's defects, and a 1 year all inclusive warranty from Fairfield Orthodontics.

We are pleased to introduce our new line- Bontempi, the finest instruments in the world. Research and production teams are in close contact with the end user, permitting Bontempi to be at the "avant garde" of the instrument production that evolves with the development of new techniques. Bontempi instruments, the world's pinnacle of quality and ingenuity, are manufactured in Germany.

Fairfield Orthodontics also wants to make the ordering process as simple as possible. Therefore we developed the ez fax ordering system. On the back of this page is a fax order form which can be copied and used for placing orders. You will find a similar order form at the beginning of each section throughout the catalog- each specifically designed for ordering the products in that section.



PERFORMA[®]
ORTHODONTIC INSTRUMENTS

FAIRFIELD
Instruments & Accessories

Instruments

World-Class Quality...
German Engineered...

TUNGSTEN CARBIDE INSERTS
400 SERIES FINEST STAINLESS
MADE IN GERMANY
LIFETIME WARRANTY

 **BONTEMPI**[®]
ORTHODONTIC INSTRUMENTS

Fairfield Orthodontics introduces Bontempi Orthodontic Instruments designed to aid in the enhancement of the individual doctor's technical abilities. German engineered and manufactured, Bontempi instruments are the finest in the world. Research and production teams are in close contact with the end user permitting Bontempi to be at the "avant garde" of the instrument production that evolves with the development of new techniques. Bontempi's research involvement allows for development of new instruments and modification of existing ones. The characteristic superior quality of the instrument is due to the special metals that are used in its production as well as state of the art processes monitored by a company that is dedicated to the continued improvement of the instrument line.

Instruments



Mit Hartmetalleinsätzen
With Hard Metal Inserts
Con punte in metallo duro
Con puntas de metal duro
Avec mors en métal dur

- Max Ø 0.5 mm (.020")
- 0.41 x 0.56 mm (.016" x .022")
- ⊕ Max Ø 0.4 mm (.0155")

Distal-Schneider mit Drahtfangvorrichtung
Distal Cutter with wire holding device
Tronchesi distale con trattenuta del filo
Alicates de corte distal con dispositivo retenedor del alambre
Pincers à couper distale avec dispositif de rétention

Für weichen und harten Draht
For soft and hard Wire
Per fili duri, sottili e medi
Para alambre blando y duro
Pour fil léger e dur

LX-DS1 Distal End Cutter
125 mm



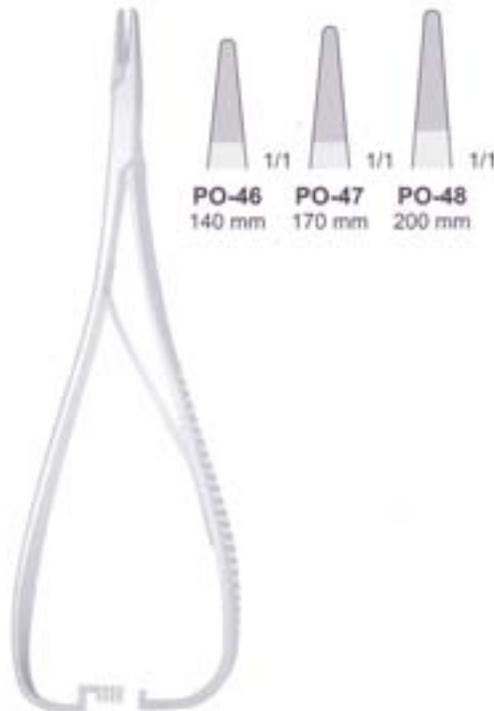
Mit Hartmetalleinsätzen
With Hard Metal Inserts
Con punte in metallo duro
Con puntas de metal duro
Avec mors en métal dur

- Max Ø 0.3 mm (.012")

Ligaturen Schneidezange
Ligature Cutters
Solo per rimuovere le legature
Alicates para cortar ligaduras
Pince à sectionner les ligatures

Für weichen Draht
For soft Wire
Per fili sottili e morbidi
Para alambre blando
Pour fil léger

LX-93 Pin and Ligature Cutter
125 mm



MATHIEU Mathieu
PO-46/PO-48



Please call Fairfield Orthodontics for a complete catalog of Bontempi instruments. We exclusively carry over 150 different Bontempi orthodontic instruments.

PERFORMA[®] ORTHODONTIC INSTRUMENTS

- Surgical Grade Stainless Steel
- Diamond Honed Edges
- Precision Aligned Tips
- Corrosion Resistant
- Balanced Joint Assembly
- Hardchrome Plated Finish
- All Methods Sterilizable
- Made in the U.S.A.

Extensive research, together with clinical feedback allows us to incorporate special features in our plier designs. Utilizing state of the art processes, we insure the closest tolerances that provide you with the quality that sets the standard for performance...

Lifetime Warranty against manufacturer's defects.

Covers any malfunction of the joint, breakage of the legs, or separation of inserted tips.

1 Year Fairfield Orthodontics All Inclusive Warranty covers instrument malfunction for one year from date of purchase.

Instruments

Hard Wire Cutter - Chrome 15°



The extra strong edges make it one of the most popular cutters. Designed to cut all archwires, it features a 15° diamond-honed cutting angle.
(cuts wire up to .020")

A

OM-1000HWC

Hard Wire Cutter



Cuts wires and pins of any size with its diamond-honed cutting surfaces. Strong enough to bend archwire ends after distal cutting.
(cuts wire up to .022" x .028")

A

OM-7001

Pin & Ligature Cutter - 15°



This cutter's super sharp diamond-honed cutting surfaces are effective for cutting all soft wires, pins, and elastics up to .015"
(cuts wire up to .015")

A

OM-1000

Hard Wire Cutter - Black Oxide 15°



Features a distinctive black oxide finish. Designed to cut all archwires, it features a 15° diamond honed cutting angle.
(cuts wire up to .020" round)

A

OM-1000HWB

Pin & Ligature Cutter - 7°



This cutter's super sharp diamond-honed cutting surfaces are effective for cutting all soft wires, pins, and elastics up to .015"
(cuts wire up to .015")

A

OM-1001

Distal End Cutter - Safety Hold



Diamond-honed cutting surfaces and safety hold prevents cut wire from dropping in patient's mouth. Shear-cuts close to buccal.
(cuts wire up to .022" x .028")

A

OM-1016

Mini Pin & Ligature Cutter - 7°



Fine tips to easily access hard to reach areas. Cuts wire ligatures, pins, and elastics with its 7 degree cutting angle.
(cuts wire up to .015")

A

OM-1002

Small Distal End Cutter - Safety Hold



All the features of the OM-1016 but with a smaller, more compact head. Safety holds and close cuts. Slightly less cutting capacity than OM-1016.
(cuts wire up to .018" x .025")

A

OM-1016S

Micro Light Wire Cutter - 7°



Diamond honed edges and a compact, slim tipped design makes this a great cutter. Factory adjusted stop screw prevents damage.
(cuts wire up to .012")

A

OM-1021

Long Handled Distal End Cutter



Featuring safety hold. The head of this cutter is the same as the OM-1016S. Identical features, but with longer handles.
(cuts wire up to .018" x .025")

A

OM-1016XL

45° Ligature Cutter



The angled tips provide easy access to the posterior area, eliminating cheek impingement. Also designed to cut ligature wire.
(cuts wire up to .015")

A

OM-1006

Surgical Hook Crimping Plier



Designed to crimp stops, hooks, and posts to archwire. The slot fits over the base of the hook while holding it tight while crimping.

A

OM-126

How Plier - .093" Ball



Matching serrated pads assure a firm, positive grip. Rounded tips for patient comfort and safety.
(3/32" diameter pads)

A

OM-110

Hook Crimping Plier - Angled



Features are the same as the OM-126 but this plier features an angled tip design.
(45° offset)

A

OM-129

How Plier - .125" Ball



Matching serrated pads assure a firm, positive grip. Rounded tips for patient comfort and safety.
(1/8" diameter pads)

A

OM-110B

Step Plier



Double-sided offset beak permits bayonet bends. Creates right-hand or left-hand step-up or step-down bends in 1/2mm, 3/4mm, or 1mm.
(1/2mm, 3/4mm, 1mm Available)

A

1mm OM-133
1/2mm OM-134
3/4mm OM-135

Angle How Plier - 45° Angle



General utility plier with rounded, serrated pads identical to the OM-110, but with a 45 degree offset design.
(3/32" diameter pads, 45° offset)

A

OM-111

Bird Beak Plier



A popular and versatile plier for working with round wire up to .030" Round and pyramid beaks are ultra-smooth preventing scoring.
(works with wire up to .030")

A

OM-139

Band Seating Plier



Precision serrated tips are designed to firmly grip the bracket's tie wing aiding in the seating of the band.

A

OM-113

Bird Beak Plier - With Groove



This plier has the same features as the OM-139 with the addition of two grooves which provide a firm non-slipping grip.

A

OM-141

Instruments

Light Wire Plier



Designed for working with small wires and forming wire springs. Tapered beaks make it easy to bend small diameter loops.
(bends wire up to .020")

A

OM-140

3-Jaw Plier



Precision tips for accurate wire and clasp adjusting and contouring. Also excellent for bending orthopedic appliances.
(bends wire up to .030")

A

OM-200

Light Wire Plier - With Groove



Same features as OM-140 but with a .010" groove for additional grip. Tapered beaks make it easy to bend small diameter loops.
(bends wire up to .020")

A

OM-140G

Wire Contouring Plier



Smooth design won't score or torque wire. Perfect for subtle contouring and forming of archwires. Perfect for accentuated curves.

A

OM-203B

Optical Plier



Round and concave beaks bend round or rectangular wire with a firm grip that will not nick wire.
(bends wire up to .020")

A

OM-207

Stop Plier



Makes 1mm "V" bends to provide positive stops and prevent archwire from creeping. Diamond-honed edges won't damage wire.
(bends wire up to .020")

A

OM-220

Cinch Back Plier



The latest design for forming and cinching round or rectangular wire. Serrated tips are tapered to a fine point for easy access to the posterior.
(bends wire up to .028")

A

OM-157

Nance Loop Forming Plier



Precision loop forming with four step tip - 3, 4, 5, and 6mm. Beveled edges prevent scoring of wire. One beak is serrated to prevent slippage.

A

OM-230

Weingart Utility Plier



Serrated pads hold wires firmly at convenient work angles. Tapered beaks fit easily between brackets. Rounded for safety. Our most popular utility plier.

A

OM-158

Tweed Loop Forming Plier



Convex / Concave beak makes precise loops. Tip as three steps - .045", .060", and .075". One beak is serrated to prevent wire slippage.

Replacement Tips

Square OM-350 OM-350T
Omega OM-352 OM-352T

A

Jarabak Plier



Excellent for precise bending and forming of loops in light wires. Three sets of precision grooves assure a firm grip.
(bends wire up to .020")

A

OM-355

Angled Direct Bond Bracket Remover



Designed to quickly and safely remove direct bond brackets. The 60 degree angle allows for easy anterior as well as posterior access.

A

OM-344

Lingual Arch Forming Plier



Designed to form double-back and triple-back bends for inserting lingual sheaths. Maintains a precise .140" width.
(designed for .030" or .036" wire)

A

OM-410

Direct Bond Bracket Remover



Replaceable tips wedge between both edges of the base of the bracket and tooth surface, easily lifting off the bracket. Narrow or Wide tips.

A

Replacement Tips

Narrow OM-345 OM-345T
Wide OM-346 OM-346T

Omega Loop Forming Plier



Ideal for forming inner bow loops precisely with .045" and .051" bows. Will not score wire.

A

OM-662

Posterior Band Remover - Short



The padded tip rests on the occlusal of the molar and the non padded remover tip catches the edge of the band for upward or downward removal.
(small / large replacement pads available)

A

OM-347

Rectangular Arch Forming Plier



Ideal for forming square or rectangular archwires. Beveled edges prevents scoring of archwire.
(bends wire up to .022" x .028")

A

Longer Blades OM-810
Tweed Style OM-810S

Posterior Band Remover - Long



Head design identical to the OM-347 but with longer handles for optimum reach to posteriors.
(small / large replacement pads available)

A

OM-347L

Band Slitter Plier



This cutter has a diamond shaped groove to safely trap band during removal. Diamond honed cutting surfaces.

A

OM-1026

Direct Bond & Cement Remover



Pad rests on incisal/occlusal edge of the tooth while the tip fits both edges of bracket. Slight squeeze leverages bracket off tooth. Also used to scrape cement off tooth.

A

Replacement Tips Replacement Pads

Narrow OM-348 OM-348T OM-348P
Wide OM-349 OM-349T OM-349P

Instruments

Mathieu Hemostat - Regular Tip



Used for elastic modules of stainless steel ligature ties. Click open close and open. 5.5" long

OM-501



B

Mosquito Hemostat



Great for handling small elastic modules. The mosquito hemostat features a locking mechanism and finger loops for great control. Fine tip.

OMX-003

C

Mathieu Hemostat - Narrow Tip



Narrow tip designed for easy placement of elastic modules. Handle design doesn't wear out.

OM-502



B

Mathieu Hemostat - Double Spring



Springs will not scrape on the handle. Unique design offers smooth operation and longer lasting comfort of use. 1mm fine tip or 1.5mm regular.

1mm Tip OMX-005
1.5mm Tip OMX-015

B

Mathieu Hemostat - 1/2 Fine Tip



Same tip size as the OM-502, but with only half of each beak serrated. Excellent for placing elastic ligatures.

OM-503



B

Mershon Band Pusher



Serrated tip ensures no slippage. Lightweight, large handle design for excellent control. Featuring a five sided angled tip.

OMX-004

D

Mathieu Hemostat - Hole Tip



Mathieu plier with serrated tips and a grooved hole at the tip. Ideal for elastomeric ligature placement.

OM-504



B

Separating Plier



Stainless steel design. Great tool for separating and placing elastomeric ties. Specially designed tips hold modules without slippage.

OM-1010

D

Mathieu Hemostat - Hook Tip



Serrated tips with additional hook tip design. Hook tip assists in stretching elastomeric ligatures during ligation.

OM-505



B

Cotton College Plier



Serrated tips for great grip of small objects. Grooved handles for excellent grip. Angled Tips.

OMX-002

D

Instruments

Direct Bond Bracket Holder



Unique reverse action tweezer with serrated tips will not release bracket until desired.
Stainless Steel

C

OM-100

Deluxe Bracket Holder



Reverse action tweezer specifically designed for accurate posterior placement of brackets and tubes.
Stainless Steel

C

OM-102

Heavy Duty Cutter



Maximum cutting edges are diamond honed and precision aligned. Red grips will not slip.
(Cuts wire up to .080")

E

OM-7005

Keat Buccal Tube Tweezers



Simply slide the tweezer tip into the tube and place. For amazing control and vision, try the Keat buccal tube tweezers! Stainless Steel

D

Regular **OMX-001**
Long **OMX-001L**

PERFORMA[®]

ORTHODONTIC INSTRUMENTS

A GROUP

B GROUP

C GROUP

D GROUP

E GROUP

Lifetime Warranty against manufacturer's defects.
Covers any malfunction of the joint, breakage of the legs, or separation of inserted tips.
1 Year Fairfield Orthodontics All Inclusive Warranty covers instrument malfunction for one year from date of purchase.

Replacement Parts

Replacement Tips (2 per pack)
Replacement Pads (4 per pack)



Instruments

PERFORMA HIGH-PERFORMANCE

Fairfield Orthodontics is pleased to introduce Performa high-performance instruments- a new addition to our popular performa line. These instruments are hand crafted from the finest materials available. Manufactured using the latest technology, these instruments are guaranteed to perform!



HIGH-PERFORMANCE

Flush Cut Safety Hold Distal End Cutter

Flush Cut Leaves no wire protruding from the buccal. Looks, feels, and performs like a top quality distal end cutter should. Cuts and holds wire securely flush to the tube.

Cuts and holds braided wire up to .0175", rectangular up to .018" x .025", and round wires up to .018".

Item# D200F



HIGH-PERFORMANCE

Shear-Cut Safety Hold Mini Distal End Cutter

Our most popular distal end cutter. Its comfortable, long but tapered handle and smaller head size permits easy posterior access. Cuts and holds all types of wire without fraying. Patented design shear-cuts archwires and securely holds distal ends.

Cuts and holds braided, rectangular, and round wire up to .025"

Item# DE200S



HIGH-PERFORMANCE

Mini Pin and Ligature Cutter

Super sharp diamond-honed cutting surfaces. Our most popular cutter features a smaller head with very fine tips made from our mini-casting. When intricate snipping is needed, this instrument will make your job easier.

Cuts up to .016" soft wire

Item# DE201S



Please inquire for our full line of **PERFORMA HIGH-PERFORMANCE** Instruments.

PERFORMA HIGH-PERFORMANCE

Scalers

Pushers

Pluggers

Explorers



A Pusher / Scaler

Seat bands and remove cement with the same instrument. Faster Results.

Item#: FO-D15

B Plugger / Scaler

Double sided instrument serves two purposes for your convenience.

Item#: FO-D15A

C B Scaler / Director

Flat curved 90° scaler compliments the recessed director end.

Item#: FO-D308

D Scaler / Whiteside

Double ended scaler with fine tips for those hard to reach areas.

Item#: FO-D3-3S

E Pusher / Director

Short head director on one end with square end pusher on other.

Item#: FO-D306

F #3 Scaler / Director

Activate coil springs or remove modules with one instrument.

Item#: FO-D307

G Pusher / Pusher

Serrated tip sits securely on bands. Double ended for fast results.

Item#: FO-D16

H B Scaler / 45° Pusher

Horizontal serrated handle prevents fingers from slipping.

Item#: FO-D1612

I Ligature Director

Curved single end director is excellent for lingual and posterior.

Item#: FO-D305

J Scaler / Single Ended

Popular single end design easily removes ligatures.

Item#: FO-D307B

K Explorer / Single End

Single sided design has squared off grip and 90° angle tip.

Item#: FO-D6

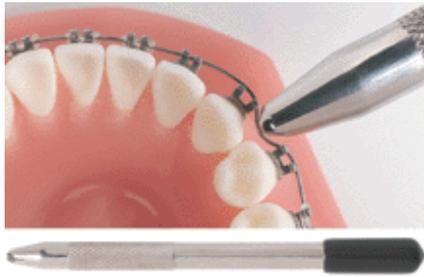
L Explorer / Single Sickle

Sickle shape works well in posterior and lingual. Piano wire tip.

Item#: FO-D23

Instruments

NiTi Ice Instrument



- Turns nickel titanium wire soft and flexible immediately
- Designed for intraoral use
- Simply fill with water and freeze

Item#: FO-2000

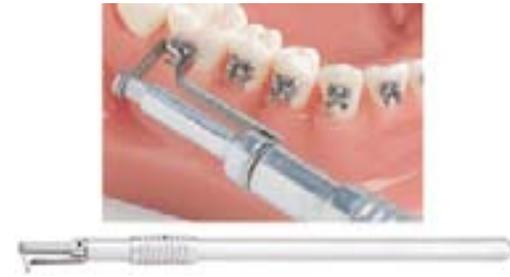
Distal Bender



- Works on all stainless steel and most NiTi wire
- Durable stainless steel design
- Simple to use

Item#: FO-300 (.022" wire size)
Item#: FO-330 (.030" wire size)

Positive Positioner



- Precise placement of any direct bond attachment
- Lightweight, cold sterilizable
- Hard anodized aluminum

Item#: FO-2222

Mini Stripper Kit

Interproximal Stripping System

Starter kit contains handle, 4 each: 6mm & 4mm single sided strips; 2 each: 6mm diamond strips, 6mm micro saw strips



- Small size is easy to control
- Variety of sizes available
- Easy to use, switch sizes
- Autoclavable, stainless construction

#54301 Ministripper Starter Kit
#54304 6mm Single Sided Strips (10 ct)
#54305 4mm Single Sided Strips (10 ct)
#54306 6mm Diamond Strips (5 ct)
#54307 6mm Micro Saw Strips (5 ct)
#54309 6mm Double Sided Strips (10 ct)
#54310 4mm Double Sided Strips (10 ct)
#54308 Ministripper Handle

High Heat Height Gauge



Measures height of bracket placement from incisal edge. 3.5mm, 4mm, 4.5mm, and 5mm. Withstands heat up to 370°F / 188°C

Item#: FO-018G (.018")
Item#: FO-022G (.022")

Boone Height Gauge



Measures height of bracket placement from incisal edge. 3.5mm, 4mm, 4.5mm, and 5mm. 100% stainless steel.

Item#: FO-000G

Color Coded Bite Sticks



Molded high impact plastic with metal serrated triangle tip. Available cold sterilizable or Autoclavable up to 250°F / 121°C.

Cold Sterilizable

Teal.....	600-201T
Orange.....	600-201O
Purple.....	600-201P
Green.....	600-201G
Blue.....	600-201B
White.....	600-201W
Red.....	600-201R

Autoclavable

Teal.....	600A-201T
Orange.....	600A-201O
Purple.....	600A-201P
Green.....	600A-201G
Blue.....	600A-201B
White.....	600A-201W
Red.....	600A-201R

Bandhorn Tissue Retractor



Easily lifts away soft tissue for earlier banding of second molars. Autoclavable up to 250°F / 121°C.

Item#: 41987

High Heat Bite Sticks



Molded high impact plastic with metal serrated tips. Available reverse triangle, star tip, or round. Sterilizable up to 370°F / 188°C.

Autoclavable

Reverse Triangle Tip.....	600-299
Star Tip.....	600-389
Round Tip.....	600-379

White High Heat Bite Stick



Molded high impact plastic with metal serrated tips. Sterilizable up to 370°F / 188°C.

Item#: FO-600-199

Each.....\$11.99

3 or more.....\$10.99

Disposable Mouth Mirrors



Featuring a slim design making them easy to use and highly maneuverable. Our Disposable Mouth Mirrors are excellent giveaways for patient home care while also helping to reduce sterilization time and expense. Front surface acrylic mirror with white plastic handle.

Item#: 220-2016 72 per pack

