

ORTHODENTALUSA CORP™

ORTHODONTIC

INSTRUMENTS

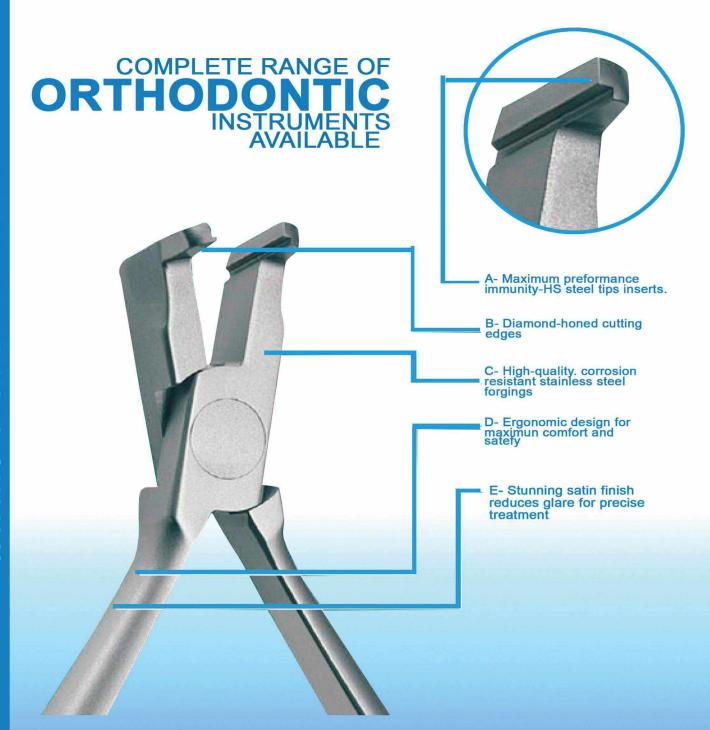
# **Orthodentalusa**





#### **ORTHODENTALUSA CORP**

www.orthodentalusa.com



#### **DISTAL END CUTTERS**



Distal End Cutter, Universal Cut 12cm

With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Long Handles 14cm Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Long Slim Pattern 13cm Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Long Neck 12cm Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Small Neck 11.5cm Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Small Neck, Maxi Look 12cm With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Long Handles 14cm.

Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Distal End Cutter, Universal Cut, Box Joint 12cm.

Hitted With Immuunity-HS Steel Tips I hold ability. Box Joint. Stainless Steel

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012" (.31mm)



Flush Cutter without Hold 45 degree angled 11.5cm.

Fitted With Immuunity-HS Steel Tips Insert,Wi Safety hold ability. Rivet Joint. Stainless Steel

Cutting Capacity: Max: .016" (.41mm) / Min: .012"(.31mm)





#### Flush Cutter With Hold 12cm.

This is a special designed flush cutter which hold the cut part of wires with the help of 1.40mm wire welded on the othre side. Fitted With Immuunity-HS Steel Tips Insert, With Safaty hold ability Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .028" (.71mm) Min: .012 (.31mm)



#### Slim Flush Cutter with Hold12cm.

This is a special designed flush cutter which hold the cut part of wires with the help of 1.40mm wire welded on the othre side. Fitted With Immuunity-HS Steel Tips Insert, With Safaty hold ability Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .028" (.64mm) Min: .012 (.31mm)



#### Distal End Cutter, Universal Cut. Long Handles 14.5cm

itted With Immuunity-HS Steel Tips Insert, With Safety old ability. Box Joint. 1/3 Handle Gold Platted.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### Distal End Cutter, Universal Cut. Long Neck 12cm

Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### Distal End Cutter, Universal Cut. Box Joint 12cm

Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### Distal End Cutter, Universal Cut. Slim Pattern, Box Joint 12cm

itted With Immuunity-HS Steel Tips Insert, With Safety old ability. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### Distal End Cutter, Universal Cut. Heavy Pattern, Box **Joint Long Handles 14cm.** Fitted With Tungsten Carbide

Fitted With Tungsten Carbide Tips Insert, With Safety hold ability. Stainless Steel. 1/3 Handle Gold Platted.

Cutting Capacity: Max: .021" (.54mm) x .025" (.64mm) and .030"(.76mm) Min: .012 (.31mm)



#### Flush Cutter with Hold, Heavy pattern, Long Handle 13.5cm

This is a special designed flush cutter which holds the cut part of wires with the help of 1.20mm wire welded on the inner side. Fitted With Immuunity-HS Steel Tips Insert, With Safety hold ability. Rivet Joint

Cutting Capacity: Max: .021"(.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### Flush Cutter with Hold 12cm.

Flush Cutter With Hold 12Cm.

This is a special designed flush cutter which holds the cut par of wires with the help of 0.45 SS Sheet Spring, screwed on the inner side of the beak. Fitted With Immuunity-HS Stell ips Insert, With Safety hold ability. Rivet Joint

Cutting Capacity: Max: .021"(.54mm) x .025" (.64mm) Min: .012 (.31mm)



#### **LIGATURE & PIN CUTTERS**



Micro Ligature & Pin Cutters 7 degree angle 12.5 cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 7.5mm, Diamond honed edges, Box Joint.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters straight 12.5cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 9.5mm, Diamond honed edges, Box Joint. 1/3 Handle Gold Platted. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



Fitted With Immuunity-HS Steel Tips Insert, Bea Length 8mm, Diamond honed edges, Box Joint. 1/3 Handle Gold Platted. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Mini Ligature & Pin Cutters 15 degree angled, Slim Beak

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 9mm, Diamond honed edges, Rivet Joint

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters wide beak 15 degree angled, 12.5cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 8mm, Diamond honed edges, Rivet Joint. Stainless Steel

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters straight 12cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 12mm, Diamond honed edges, Rivet Joint. Stainless Steel

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters straight 12cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 12mm, Diamond honed edges, Hex Screw Joint. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters 15 degree angled 12cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 12mm, Diamond honed edges, Rivet Joint.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Ligature & Pin Cutters 15 degree angled 12cm

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 12mm, Diamond honed edges, Hex Screw Joint. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires





#### Micro Ligature & Pin Cutters 15 degree angled 11.5cm.

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 9mm, Diamond honed edges. Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .012" (.31mm) Soft Wires



#### Micro Ligature & Pin Cutters 15 degree angled 11.5cm.

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 9mm, Diamond honed edges, Hex Screw Joint.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



#### Mini Ligature Cutters 15 degree, Light Model, 11.5cm.

Fitted With Immuunity-HS Steel Tips Insert, Beak Length 9.5mm, Diamond honed edges, Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



## Micro Mini Ligature Cutters 15 degree angle 11cm. Fitted With Immuunity-HS Steel Tips Insert, Beak Length 8mm, Diamond honed edges, Rivet Joint. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



Ligature Cutters Str, Light Slim Model, 7 degree 12cm. Fitted With Immunity-HS Steel Tips Insert, Beak Length 10mm, Diamond honed edges, Box Joint. Stainless Steel.

Cutting Capacity: Max: .012"(.31mm) Soft Wires



Hard Wire Cutters Black, 15 degree, 12cm. Fitted With Tungsten Carbide Tips Insert, Beak Le 8.5mm, Diamond honed edges, Hex Screw Joint. **Back Chromed Stainless Steel** 

Cutting Capacity:
Max: .021"(.54mm) to .025" (.64mm) Hard Wires





#### HARD WIRE CUTTERS



#### Hard Wire Cutters Straight 12cm.

Fitted with tungsten carbide tips insert,beack Length 8mm, diamond honed edges, rivet joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) to.028" (.71mm) Hard Wires



#### Hard Wire Cutters 15 degree 12cm.

Fitted with tungsten carbide tips insert,beack Length 8mm, diamond honed edges, rivet joint. Stainless Steel.

Cutting Capacity: Max: .021" (.54mm) to.028" (.71mm) Hard Wires



#### Hard Wire Cutters Str Long Beak 12cm.

Fitted with tungsten carbide tips insert,b 9mm, diamond honed edges, rivet joint. Stainless Steel. ack Length

Cutting Capacity: Max: .021" (.54mm) to.028" (.71mm) Hard Wires



#### Hard Wire Cutters 15 degree Long Beak 13.5cm.

Fitted with tungsten carbide tips insert,beack Length 11mm, diamond honed edges, rivet joint.

Cutting Capacity: Max: .021" (.54mm) to.028" (.71mm) Hard Wires



#### Heavy Duty Cutters, Multi-action. Stainless Steel

Ideal to cut heavy wires easily with the help of spring action cutting mechanism without putting extra force Stainless Steel.

Cutting Capacity: Max: 035" (.90mm) Hard Wires

Ref N21150357

#### Heavy Duty Cutter, Multi-action. Carbon Steel

Ideal to cut heavy wires easily with the help of spring action cutting mechanism without putting extra force Stainless Steel.beak black coated.

Cutting Capacity: Max: 035" (.90mm) Hard Wires



#### Heavy Duty Cutter, Multi-action Mechanism 9" T/C

Fitted with T/C tips. Ideal to cut heavy wires easily with thehelp of 4 hinge mechanism without putting extra force.Stainless Steel. 1/3 handles gold plated.

Cutting Capacity: Max: .040" (.1.00mm) Hard Wires



Fitted with T/C tips. Ideal to cut heavy wires easily with thehelp of 4 hinge mechanism without putting extra force.Stainless Steel. 1/3 handles gold plated.

Cutting Capacity: Max: .035" (.90mm) Hard Wires



Cutting Capacity: Max: .030" (.76mm) Hard Wires





#### Bracket Removing Plier 12.5cm angled T/C Tips.

Sharp beak wedge can easily go under bracket base. Lifts off bracket from tooth surface with no discomfort to patient due to Firm Round Tips Grip assures, easy in horizontal and vertical usa. Box Joint. Stainless Steel



#### Bracket Removing Plier 12.5cm angled

Sharp beak wedge can easily go under bracket base. Lifts off bracket from tooth surface with no discomfort to patient due to Firm Round Tips Grip assures, easy in horizontal and vertical use. Rivet Joint.



#### Bracket Removing Plier 12.5cm Straight.

Sharp beak wedge can easily go under bracket base. Lifts off bracket from tooth surface with no discomfort to patient due to Firm Round Tips Grip assures, easy in horizontal and vertical use. Rivet Box.



#### Band Removing Pliers long neck 12.5cm.

Ideal for posterior band removing. Replaceable Teflon stud, work upward and downward to remove band. Studs are high Heat resistant. Rivet Box.

STUDS are available in 4mm, 5mm, 6mm, dia.



#### Band Removing pliers short neck 12.5cm.

Replaceable Teflon stud, work upward and downward to remove band. Studs are high Heat resistant. Rivet Joint.

STUDS are available in 4mm, 5mm, 6mm, dia.



Replaceable Teflon stud, work upward and downward to remove band. Studs are high Heat resistant. Rivet Joint.

STUDS are available in 4mm, 5mm, 6mm, dia.



#### Slim Weingart Pliers 13cm.

Serrated jaws for firm grip, angled shape gives smooth working with easy access to the specified job.



#### Slim Weingart Pliers 13cm.

Serrated jaws for firm grip, angled slim and micro shape gives smooth working with easy access to the specified job. Rivet Joint. Stainless Steel.



#### Weingart Pliers 12.5cm.

Serrated jaws for firm grip, angled shape gives smooth working with easy access to the specified job. Rivet Joint. Stainless Steel.



#### **PLIERS**



#### Weingart Pliers 13cm.

Serrated jaws for firm grip, angled shape gives smooth working with easy access to the specified job. Rivet Joint. Stainless Steel



#### Weingart Pliers 14cm.

Serrated jaws for firm grip, angled shape gives smooth working with easy access to the specified job. box Joint. Stainless Steel



#### Nance Pliers 12.5cm.

For Precise forming of loops in four lengJoint 3,4,5 & 6 mm. Rounded edges prevnt scoring wire. Rivet Joint. Stainless Steel

Max: .0.028" (..71 mm) Wires



#### Three Jaw Pliers 12.5cm.

Perfect aligned tips, tapered for work on delicate bending. Rivet Joint. Stainless Steel.

Max: 0.028" (.71 mm) Wires



#### Adrere Pliers 13cm.

Perfect aligned tips, tapered for work on delicate bending. box Joint. Stainless Steel.

Max: 0.030" (.76 mm) Wires



#### Mini Adrere Pliers 11.5cm.

Perfect aligned tips, tapered for wo bending. box Joint. Stainless Steel.

Max: 0.020" (.51 mm) Wires



#### Bird Beak Pliers 12cm.

Utility Pliers popular for working on round wires Tips are hardened. Rivet Joint. Stainless Steel.

Max: 0.030" (.76 mm) Wires



#### Bird Beak Pliers with cutters 12cm.

Utility Pliers popular for working with round wire. Cutter formation makes this Plier popular among doctors for working and cutting at the same time. Tips are hardened Rivet Joint

Max: 0.22" x.025" (.56 mm) x (.64 mm) Wires



#### Light wire bendingPliers with cutters 12cm.

Utility Pliers popular for working with round wire. Cutter formation makes this Plier popular among doctors for working and cutting at the same time. Long and Slim beak gives precise. Tips are hardened Rivet Joint. Stainless Steel.

Max: 0.22" x.025" (.56 mm) x (.64 mm) Wires





Utility Pliers popular for working on round wire. Tips are hardened. Rivet Joint, Stainless Steel.

Max: 0.020" (.51mm) ● Wires



Utility pliers popular for working on round & ractengular wire. Tips are hardened for Making Smooth Loops. Box Joint. Stainless Steel.

Max: .022" x.025 (.56mm x 064mm) ■ Wires



ty pliers popular for working with round wire Cutter nation makes this plier popular among doctors for king and cutting at the same time. Tips are hardened.

Max: .022" to .025 (.56mm to .64mm) Wires

Max: .012" to .016 (.31mm to .41mm) Wires



Ideal for precise bending and forming loops in light wires up to .020". Set of 3 grooves assures a firm grip. Rivet Joint. Stainless Steel.

Max: .020" (.51mm) • Wires



Ideal for precise bending and formin Set of 3 grooves assures a firm grip

Max: .012" to .16" (.31mm to .41mm) • Wires



#### Jaraback Pliers with T/C cutters.

deal for precise bending and forming loops in light wires. Set of 3 grooves assures a firm grip. T/C Tips Cutter formation makes it more versatile and cut hard

Max: .022" to .025 (.56mm to .64mm) Wires Max: .012" to .016 (.31mm to .41mm) Wires



#### Lingual Arch Forming Pliers 12cm

can accommodete .030, 036 wires.

Rivet Joint. Stainlage Chart Rivet Joint. Stainless Steel. 4 Hole. Size:- .70mm, .90mm, 1.30mm, .70mm

Max: 0.036" (.91mm) Wires



back or triple back bendind Rivet Joint.

Max: .022" x.025" (.51mm x .64mm) ■ Wires



#### SLIM Arch Forming Pliers 12cm

Max: .022" x.025" (.51mm x .64mm) ■ Wires



#### **PLIERS**



#### TWEED Arch Forming Pliers 12cm.

The Pliers is designed for double back or triple back bending. Rivet Joint. Stainless Steel

Max: .022"x.025" (.56mm) x .64mm) wires



#### TWEED Arch Forming Pliers 12cm.

The Pliers is designed for double back or triple back bending. Wide Hanldes for extra grip. Rivet Joint

Max: .022"x.025" (.56mm) x .64mm) wires



#### **Band Crimping Pliers**

The Pliers formation makes the work of operator to crimp and reform bands with ease and accuracy.



Pliers for forming and cinching round or rectangular wire up to .028". Serrated tips are tapered to a fine point allowing access to difficult reach areas. Rivet Joint. Stainless Steel

Max: .028" (.71mm) Wires



#### Arch Forming Pliers 12cm

The smooth concave and convex surface allows forming of arch wires. Spring action. Rivet Joint



#### Hollow Chop Arch Forming Pliers 12cm.

The smooth concave and convex lain surface allows forming of arch wires easily. Rivet Joint Rivet Joint. Stainless Steel



#### Hollow Crop Arch Forming pliers with 3 Grooves 12cm.

The smooth concave and convex surface with grooves allows forming of arch wires easily. Sizes of grooves. 016", 018", 022", (41, 46, 56mm) Rivet Joint. Stainless Steel



Tweed Pliers 12.5cm
The pliers gives perfect rings to the wire forming 040". 075" and, 10" radius.
Rivet Joint, Stainless Steel.

Max: .022"x.025" (.56mm) x .64mm) wires



#### Omega Loop Forming Pliers, tweed type 12.5cm

The pliers gives perfect rings to the wire forming 045", 060" and 75" radius. Replaceable loop forming tip ability. Rivet Joint. Stainless steel. Extra loop forming tip 115-0424T Extra Hex Screw tip 115-0424S

Max: .022"x.025" (.56mm) x .64mm) wires





#### Adhesive Removing Pliers.

Tips design allows access to remove adhesive in practically any area of the mouth. Double ended carbide rod tip is replaceable for repeated uses for long time. Replaceable Opposing Teflon stud tip with stand high heat sterilization. Rivet Joint. Stainless Steel.



#### How Utility Pliers angled 12.5cm.

Fine Serrated 3mm dia beak gives firm grip during use. The thin beak provides excellent visibility during the placement and removal of arch wires and general use angled beak gives more utility for easy access. Rivet Joint. Stainless Steel.



#### How Utility Plier angled 12.5cm.

Fine Serrated 4mm dia beak gives firm grip during use. The thin beak provides excellent visibility during the placement and removal of arch wires and general use angled beak gives more utility for easy access. Rivet Joint. Stainless Steel.



#### How Utility Pliers Straight 12.5cm.

Fine Serrated 3mm dia beak gives firm grip during use. The thin beak provides excellent visibility during the placement and removal of arch wires and general use. Rivet Joint. Stainless Steel.



#### Universal pliers Flat Pattern 15.5cm.

Bends Max: .038" (.96mm) Cuts Max: .028" (.71mm)



Universal Pliers 15.5cm. Universal Pliers for wire and pin roughtning, Cutting and bending. Stainless Steel.

Bends Max: .038" (.96mm) Cuts Max: .028" (.71mm)



#### Wald Scahs - Universal Pliers 15.5cm.

This versatile plier may be used as Pin and Ligature, Clasp Bending and Cutteign Pliers.



### Wire Bending Plier with 1 groove 12.5cm with T/C inserts Tips Ideal for precise bending and forming loops in wires. Box Joint. Stainless Steel.



#### Wire Bending Plier with 1 groove 12.5cm.



#### **PLIERS**



#### Tweed Pliers 12.5cm

Tthe pliers gives perfect rings to the wire forming 045", 060" and 075" radius. Rivet Joint Stainless steel

Max: 022" to .028" (.56 mm to 71mm) Wires



#### Loop forming Pliers With Cutters. Tweed Type

Also known as kim pliers. the plier gives perfect rings to the wire forming. 0602, 080 and. 100' radius. Cutter formation makes this plier popular and gives additional working with time saving. rivet Joint

stainless Steel Max: 025" Rectangular Hard Wires



#### Adams Pliers No.64

Utility Pliers for wire bending of different wire sizes. Box Joint. stainless Steel.

Max: 036" (.92mm)



#### Adams Pliers No. 65.

Utility Pliers for wire bending of different wire sizes box Joint stainless steel

Max: .036" (0.92 mm)



#### Step Forming Pliers.

Forms step in archwires. Excellent pliers for bending utolity archwires, revit Joint Stainless steel, steps avalability 0,25mm 0.55mm 0.75mm 1mm,2mm,3mm Kindly specify while Ordering

Max: 022" (.56 mm) Wires



#### Ligature Forming Pliers

Easily bends ligature wire into a performed ligature, bos Joint stainless Steel.



#### Niti Cinch Back Pliers Slim Beak

This pliers formation makes the work of cinching back t he end of the wires easy from a difficult access lingual area. Slim Beak makes the working more comfortable.

Max: .021" x.025" (.54 mm x. 64 mm) Wires



#### Hook Crimping Pliers.

Designed to crimp stops, hooks, and posts to archwires, the slot fits over the base of the hook while holding it tight while crimping Box Joint. Stainless Steel



#### Hook Crimping Pliers Cvd.

Designed to crimp stops, hooks, and posts to archwires. the slot fits over the base of the hook while holding it tight while crimping. Angled beak allows for precise placement of hook archwire the love the state of the state o rivet Joint. Stainless Steel



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#### Bend Slitter Pliers.

This cutter has diamond shaped groove to safely trap band during removal. Diamond honed cutting surfaces. Box Joint. Stainless Steel.



#### Stop "V" Bend Plier.

Special design to make 1mm "V" bends to Shorten anrch wires or provide a positive stop. Excellent for placing stops in nickel titanium wires. Rivet Joint. Stainless Steel

Max: .019" x .025" Wire





These Pliers allow the application of torque without distortion in other segments of the wire. Non-Slip grip tips facilitate the placement of labial or lingual torque. Tungsten Carbide Tips inserts, Rivet Joint. Stainless Steel.

#### Two Types of Torquing Pliers sets are available

1, to make 6mm long torque 2, to make 3.5mm long torque Kindly Specify while ordenring



Individual Torquing Pliers Set with key. Specially designed to place torquing bend into the small sections of archwires (such as a bend for a single tooth) without distorting adjacent sections of the wire. Two piece ser consist of one torquing piler and one. Rivet Joint.



#### Band Contouring Pliers Sprong Action.

Special design plier formation makes the work of operator to crimp and reform bands with ease and accuracy. Concave and Convex beak side gives accurate and firm griping. Spring formation gives easy handling. Rivet Joint. Stainless Steel.



#### **PLIERS**



#### Loop Forming Pliers, Small Beak

Designed for bending small springs and loops Rivet Joint Stainless steel

Max: 028" (0,70mm) Hard Wires



#### Loop forming Pliers, Long Beak.

Desingnes for bending small springs and loops. Long Beak provides access area for working Rivet Joint. Stainless steel

Max: 028" (0.70mm) Hard Wires



#### Optical Pliers.

Finely round and concave beaks, both of T/C Tips inserts. Excellent for bending of round and edge-wise, affording firm grip, without nicking wire. can be used for loop tip back and gable bends. Box Joint stainless steel



#### Bird Beak Pliers Heavy and serrated jaw.

Heavy duty bird beak is ideal for functional appliance frabrication. Squeare tip is serrated to grip and secure lab size wires while bending. Rivet Joint. Stainless steel

Max: .036" (0.92 mm) Hard wires



#### Young Loop Bending Pliers.

Universal pliers for different size loops. Ideal for labial arches. Rivet Joint. Stainless steel

Max: 029" (0.70mm) Hard Wires



#### Tweed Loop Forming Pliers

Have a fixed, one-piece tip with three forming sections and a convex/concave beak for precisely forming Omega loops, the tips and body are formed from one piece of steel for strength and longevity. The Three tips sections measure. 060°. 090° and, 120° Rivet Joint stainless Steel



#### Crown Crimping Pliers.

Ideal Plier for contouring gingival surface of preformed bands to better fit tooth anatomy. Rivet Joint stainless steel



#### Renold Pliers.

Ideal plier curved beak is useful when forming and contouring wires. Rivet Joint. Stainless Steel



Pesso Pliers.
Ideal plier long beak one side flat and one side round for forming collars. Rivet Joint. Stainless steel





N21150386

Adrere Pliers 13 cms

#### **PRICE LIST**

 $1500\ We ston\ Rd, Suite\ 204, We ston\ FL\ 33326\ /\ ph.\ 954-513\ 1673\ /\ sales@orthodentalusa.com\ /\ WhatsApp:\ 954-6016832$ 

	www.orthodentalusa.com / www.miamidentaldealer.com / www.naturalorthodontic.com  PRECIOS TODAS LAS PINZAS - PREMIUM ORTHODONTICS PLIERS - PRECIOS				
Item	Description	Р	Price		
CT-B15-003	Sterilization Cassettes Tray Box Type, 15 spaces	\$	85		
CT-B20-004	Sterilization Cassettes Tray Box Type, 20 spaces	\$	100		
CT-B5-001	Sterilization Cassettes Tray Box Type, 5 spaces	\$	40		
KIT-1106	Basic Dental Examination Kit Mirror # 5, Explorer, Cotton Plier	\$	15		
N21150047	Ligature Director Scaler	\$	15		
N21150064	Adams Pliers No.64	\$	35		
N21150065	Adams Plier # 65	\$	35		
N211503023	Aderer Pliers Serrated / Lab	\$	35		
N21150317	Distal End Cutter, Universal Long Neck New Tips (Hu Friedy Type)	\$	50		
N21150317L	Distal End Cutter Universal, Long Extra	\$	50		
N21150318	Distal End Cutter Universal Slim Pattern 13 Cm / With Tc	\$	50		
N21150319	Distal End Cutter Universal Long Neck With Ss Tip	\$	50		
N21150320	Distal End Cutter, Universal Smal Neck 11.5 com (Task Type) TC	\$	50		
N21150321	Distal end Cutter, Universal Cut. Small Neck, Maxi Look 12cm	\$	50		
N21150322	Distal Cutters, Flush Cut, 45 Degree Angled, 11.5 cm (Hu Friedy Type)	\$	50		
N21150323	Distal Cutter Flush Cutter with hold 12 cm TC	\$	50		
N21150324	Slim Flush Cutter With Hold 13 cm	\$	50		
N21150325	Distal Cutters Universal 14.5 cm Box Joint	\$	50		
N21150330	Ligature & Pin Cutter Straight 12 cm / Hu Friedy Type	\$	45		
N21150331	Mini Ligature & Pin Cutters, Slim Beak (Ortho Organizer Type)	\$	45		
N21150332	Mini Ligature & Pin Cutters, 15 Degree Angled Slim Beak	\$	45		
N21150333	Ligature & Pin Cutter Wide 15 Degrees With ss Tip / Dentarum Type	\$	45		
N21150342	Ligature & Pin Cutte, 15 Degree Angled T/C / Hu Friedy Style	\$	45		
N21150348SB	Ligature Cutter Black	\$	45		
N21150352	Micro Ligature & Pin, 15 Degree Angled 11.5 cm Hu Friedy Type TC	\$	45		
N21150353	Hard Wire Cutter 12 cm Flant en T/C	\$	45		
N21150353A	Hard Wire Cutter Pliers 15 Degree Angled 12 cm (Hu Friedy Type)	\$	45		
N21150353B	Hard Wire Cutter T/C Black Coating	\$	45		
N21150356	Heavy Duty Cutter, Multi-action, Stainless Steel	\$	45		
N21150357	Heavy Duty Cutter, Multi-action, Carbon Steel	\$	45		
N21150371	Band Removing Plier Neck 12.5 cm	\$	35		
N21150373	Band Removing Pliers Short Neck 12.5 cm	\$	35		
N21150374	Band Removing Pliers Long	\$	35		
N21150374-S	Studs For Band Removing Pliers. 5 per Pack	\$	7		
N21150375	Slim Weingart Pliers 13 cm (Hu Friedy Type)	\$	35		
N21150376	Slim Weingart Pliers 13 cm / ORMCO Style	\$	35		
N21150377	Weingart Pliers 12.5 cm / Dentaurum Type	\$	35		
N21150378	Weingart Pliers 13cm	\$	35		
N21150379	Weingart Pliers 14cm	\$	35		
N21150380	Direct Bond Bracket Remover Angled	\$	35		
N21150381	Direct Bond Bracket Removing Pliers Straight	\$	35		
N21150382	Nance Pliers / Escalera	\$	35		
N21150383	Direct Bond Bracket Removing Plier	\$	35		
N21150385	Three Jaw Pliers	\$	35		
	1				

35

ltem	Description	Price	
N21150387	Mini Adrere Pliers 11.5	\$	35
N21150389	Bird Beak Pliers With Cutter Slim And Sloped Beak No TC / With 3 Grooves	\$	35
N21150389-TC	Bird Beak Pliers With Cutter Slim And Sloped Beak With TC / With 3 Grooves	\$	35
N21150389 B	Bird Beak Pliers With Cutter Slim And Sloped Beak No TC / No Grooves	\$	45
N21150390	Bird Beak Pliers	\$	35
N21150390H	Bird Beak Pliers Heavy and Serrated Jaw /Fitted with Immuunity-HS Tips Inserts	\$	35
N21150390W/C	Bird Beak Pliers WITH CUTTER 12 cm	\$	35
N21150391	Light Wire Bending Pliers With Cutters 12 cm	\$	35
N21150393	Jaraback Pliers	\$	35
N21150394	Jaraback Pliers with T/C Cutter	\$	35
N21150400	Universal Plier 15.5 cm T/C	\$	35
N21150404	Waldscahs-Universal Plier 15.5 cm	\$	35
N21150404	Johnson Contouring Pliers	\$	35
N21150408	Bending Pliers 12 cm Hu Friedy Type	\$	35
N21150408 N21150409	Bending Pliers 12 cm W/ Grooves	\$	35
N21150409 N21150410			35 35
N21150410 N21150411	Lingual Arch Forming Pliers 12 cm	\$	
N21150411 N21150413	Rectangular Arch Forming Pliers 12 cm / Hu Friedy Type	\$	35
	Tweed Arch Forming Pliers 12 cm / 442	\$	35
N21150414	Hollow Chop Arch Forming Pliers 12 cm / De La Rosa	\$	35
N21150415	Band Crimping Plier (Ortho Care Type)	\$	35
N21150417	Thick Tips / Tweed Arch Forming Pliers Wide Handle / 442 With TC	\$	35
N21150418	Crown Crimping Pliers	\$	35
N21150419	Hollow Chop Long Beak Arch Forming Plier	\$	35
N21150420	Tweed Plier 12.5cm	\$	35
N21150421	Tweed Loop Forming With Cutter 12.5 cm / Kim Orthodontic Plier	\$	35
N21150422	Tweed Pliers 12.5 cm	\$	35
N21150423	Tweed Loop Forming Pliers	\$	35
N21150424	Loop Forming Pliers Tweed Type	\$	35
N21150424T	TIP for Loop Forming Pliers, Tweed Hu Friedy Style 12.5 cm	\$	10
N21150425	Young Loop Bending Pliers	\$	35
N21150427	Adhesive Removing Pliers	\$	35
N21150427T	Blade of Adhesive Removing Pliers	\$	20
N21150430	How Utility Pliers Curved 12.5cm	\$	35
N21150432	How Utility Pliers Straight 12.5cm	\$	35
N21150450	Bonding Tweezers 11.5 CM	\$	10
N21150451	Bonding Tweezers	\$	10
N21150452	Bracket Placer / Slot Aligner Tweezers	\$	10
N21150453	Improved TWEEZERS 13 cms	\$	10
N21150454	Keat Buccal Tube Tweezer Keats	\$	13
N21150454L	Keat Tube Holding Tweezers	\$	15
N21150456	Buccal Tube Tweezer Cross Action With Slot Aligner	\$	15
N21150457	Bonding Tweezers With Slot Aligner	\$	11
N21150458	Soldering Tweezers 13 cm	\$	10
N21150460	Articulating Paper Forceps 14cm	\$	11
N21150461	Mathieu Needle Holder Hook	\$	30
N21150461	Mathieu Needle Holder 14 CM Hole Tip	\$	30

ltem	Description	Price		
N21150463	Mathieu Needle Holder 14cm. Tips contact	\$	30	
N21150465	Mathieu Needle Holder 14 cm Narrow Fine Serration - Hu Friedy	\$	30	
N21150465EXF	Mathieu Needle Holder 14cms Super Fine Beak	\$	30	
N21150465F	Mathieu Needle Holder Narrow Fine Serration / ORMCO style	\$	45	
N21150465FT/C	Mathieu Needle Holder Narrow Fine T/C Gold Handle	\$	35	
N21150466	Mathieu Needle Holder 14 cm Fine T/C	\$	30	
N21150467	Mathieu Needle Holder 14 cm Wide Serrated	\$	30	
N21150468	Mathieu Needle Holder 14 cm Wide T/C (Hu Friedy)	\$	30	
N21150469	Mathieu Plier G & H Style Mirror Finish	\$	30	
N21150470	Double Ended Ligature Director	\$	13	
N21150471	Ligature Director Scaler	\$	13	
N21150472	Band Pusher Scalar	\$	<u></u> 10	
N21150473	Scaler Schure Band Seater	\$	10	
N21150474	Twirl-On Module / Elastic Director Aplicator	\$	<u></u> 10	
N21150475DE	Distal Bender Double Ended	\$	13 13	
N21150476	Ligature Director and Pusher Hollow Handle Wide	\$	<u></u> 13	
N21150470	MERSHON BAND PUSHER	\$	<u></u> 15	
N21150477	Ligature Director Curved	\$	10	
N21150478	Ligature Director Curved Regular	\$	13	
N21150475 N21150480	Band Seater Fully Stainless Steel	\$	<u></u>	
N21150480 N21150481	Shortly Twister Holder	\$	45	
N21150481 N21150482	Ligature Director Double Ended	\$	10	
N21150482 N21150485	Dontrix Gauge	\$	60	
N21150485 N21150486	Nickel Titanium High Heat Ice Instruments		10	
N21150486 N21150487	Spin Tek Instrument, Bracket Cap Slider	\$		
N21150467 N21150500	{		10	
	Plaster Spatula	\$	7 12	
N21150510	Bracket Tweezers 14 cm Angled for Bonding / Posterior Placement	\$	13	
N21150511	Lip & Cheek Retractors Set	\$	30	
N21150512	Plaster Spatula	\$	<u>/</u> -	
N21150520	Fahnenstock Wax Knife 17.5cm	\$	<u>7</u>	
N21150530	Gritman Plaster Trimmer 16cm	\$	<u>/</u> -	
N21150532	Plaster Knife 18cm	\$	<u>/</u> -	
N21150534	Plaster Knife 17.5cm	\$	<u>7</u>	
N21150535	Stainless Steel Spatula No.8 Double Ended	\$	7	
N21150536	Stainless Steel Spatula No.3 Double Ended	\$	7	
N21150551	Mosquito Mathieu Needle Holder 14cm. Double spring action	\$	35	
N21150585	Elastic Separating Pliers	\$	25	
N21150586	Coon Style Ligature Tying Pliers	\$	25	
N21150600	Pliers Rack Stainless Steel	\$	35	
N21150601	Pliers Rack With Acrylic Plates	\$	45	
N21150640	Fine Scissors 12.5cm	\$	7	
N21150644	Beebee Crown Scissor 10cm	\$	7	
N21150646	Crown Scissors Str.	\$	10	
N21150647	Crown scissors Cvd.	\$	10	
N21150670	70 Boone Bracket Gauge Chrome			

Item	Description	Price	
N21150670N	Boone Bracket Gauge ss New Style 3.5mm, 4.0mm, 4.5mm, & 5.0mm	\$	13
N21150671	Bone Positioning Gauge W/ Lead Points	\$	20
N21150674	Bracket Height Gauge Adjustable Type	\$	20
N21150675	Aluminum Height Gauge .022"	\$	35
N21150675SS	Stainless Steel Height Gauge	\$	35
N21150678	POSITIVE POSITIONER	\$	20
N21150679	Breene Donk Gauge Single End	\$	35
N21150683	Front Surface Mirror Size 9 with Handle	\$	20
N21150700	Dressing Scissor 14cm	\$	7
N21150705	Scaler Tray	\$	10
N21150706	Kidney Tray Medium Size	\$	10
N21150710/0.25mm	Step Pliers 0.25mm	\$	35
N21150710/0.50mm	Step Pliers 0.50mm	\$	35
N21150710/0.75mm	Step Pliers 0.75mm	\$	35
N21150710/1.0mm	Step Pliers 1mm	\$	35
N21150801	Ligature Forming Pliers	\$	30
N21150802	Niti Cinch Back Pliers	\$	35
N21150804	Ligature Forming Pliers New Desing	\$	30
N21150901	Hook Crimping Plier Straight	\$	35
N21150902	Interproximal Stripping Instrument	\$	11
N21150903	Individual Torque Pliers With Key .018"/.022" ' / 10 mm WIDE	\$	40
N21150904	Hook Crimping Plier Curved	\$	35
N21150904 N21150904T	Band Slitter Pliers with T/C Tips	\$	45
N211509041	Individual Torque Pliers Set T/C Set of Female and Male / Wide 6 mm	\$	60
N21150903 N21150908	Band Seater Stick autoclavable blue color	\$	7
N21150908 N21150910	Stop V Bend Pliers	\$	35
N21150910 N21150911	Optical Plier.Fitted With Immuunity-HS Tips Inserts	\$	35 35
N21150911 N21150913	Plaster Cutter	\$	35
N21150915 N21150915	Loop Forming / Optical Plier	\$	35
N21150915 N21150916	Loop Forming Cong Tips		35 35
N21150916 N21150930		\$   \$	40
N21150950 N21150S003	Cap Removing Plier		
	Ligature & Pin Cutters, Staight Orthosource Style Gold Handle	\$	35
N2119T011	Bubble Thermal Forming Pliers		60
N2119T012	Micro Ramp Thermal Debonding Pliers	\$	60
N22255/2WL	College Cotton Pliers with locking	\$	····· <u>'</u>
N22265/2	Meriam Cotton Pliers	\$	· <u>/</u>
N2255/2	College Cotton Pliers	\$	7
N2LINGUL322	Miniature Ligature Cutter 60 Degrees Angled (Lingual Series)	\$	80
N2TEF201	Teflon Studs/Pads. Set of 5 Pads	\$	/ /
NA-17140	Mosquito Forceps 12.5 cm Straight	\$	7 
NA-17140E	Mosquito Forceps 12.5 cm Hole Tips	\$	7 
NA-17140T	Mosquito Forceps 12.5 cm Tip Contact	\$	7
NA-17142	Mosquito Forceps 12.5 cm Curved	\$	7
NA-17142H	Mosquito Forceps 12.5 cm Hook Tips	\$	7
PHI-105	Replacement Studs High Heat Pads Pack x 5 for Autoclavable	\$	25
TEF-201	Teflon Studs/Pads. Set of 5 Pads	\$	25



Ideal Plier to create a smooth arch on both round wires up to .040" and rectangular wires up to .021" x .028". Beveled edges eliminate the nicking of the wire during operation. Rivet Joint. Stainless Steel.



Designed for bending coffin springs, labial arches, loops etc. Rivet Joint. Stainless Steel. Max: .043" (1.10mm) Hard wires



With Curvature of the beaks only on one side. For contouring and adapting bands and crowns. Rivet Joint. Stainless Steel.

#### THERMAL PLIERS



#### Ref N2119T011

#### **Bubble Thermal Forming Pliers**

Creates space in the appliance without cutting a window in the appliance.

#### Ref N2119T012

Micro Ramp Thermal Debonding Pliers

Micro-Ramp Thermopl anterior teeth laterally.

#### Ref N2119T013

#### Circular Forming Thermal Pliers

hook is extended

#### Ref N2119T014

#### Slot Thermal Forming Plier

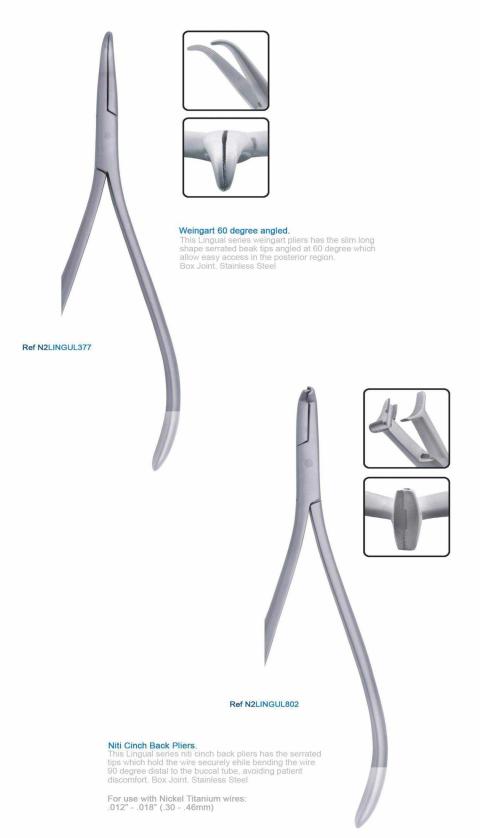
The Slot-forming plier take the second step in enabling elastics to be attached



#### **LINGUAL SERIES CUTTERS**









#### Bracket Removing Pliers angled.

The Lingual series bracket remover has the narrow shape tips, wedge between the edges of the bracket base & tooth surface to remove direct bond brackets safely & comfortably. Box Joint, Stainless Stessl



#### MATHIEU NEEDLE HOLDERS



#### Mathieu Needle Holder 14cm. Regular Tips

Regular tips with wider serration for gripping well

#### Mathieu Needle Holder 14cm. extra fine beak

Finer serration for gripping orings and needles while precision working. made of stain less steel

#### Mathieu Needle Holder 14cm. extra fine beak. T/C

gripping o rings and needles while precision working. Fitted with T/C tips inserts. Made of stainless steel

#### extra fine beak. With Ring

Finer serration for gripping o rings and needles while precision working. Utility of ring makes it easier for working. Made of stainless steel...

#### 14cm. Super fine beak.

finest working and gripping o rings and needles while precisión working Made of stainless steel.

#### Mathieu Needle Holder 14cm Mathieu Needle Holder Mathieu Needle Holder 14cm wide beak and fine serration

combination makes this needles holder more popular for woring. Made of stainless steel



#### Mathieu Needle Holder 14cm. Hook Tip.

This hook tip style needle holder has a notched tip for easy and assurance in placing elastic. Non slipping grip. Made of stainless steel

# Premium

# Ref N21150462 Ref N21150463

#### Mathieu Needle Holder

14cm. Hole Tip.
This hole tip style needle
holder features a groove at
tip for non slip placement of elastic ligatures and other intraoral elastics. Made of stainless steel.

#### Mathieu Needle Holder 14cm. Tips contact.

This tips contact.
This tips contact style needle
holder has tightest grip on
elastic ties. it is not
recommended for ligature wires.
Made of stainless steel.

#### Mathieu Needle Holder 14cm. Regular beak with T/C tips.

Ref N21150466

Regular tips with wider serrated T/C tips inserts for gripping well while working. Made of stainless steel

# Ref N21150468

#### Mathieu Needle Holder 14cm, wide beak with T/C tips.

Wide beak and fine serration T/C tips inserts combination makes this needle holder more popular for working



#### Mosquito Mathieu Needle Holder 14cm.

Straight serration and fine beak ensure non slipping grip for working precisely Made of stainless steel



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#### Holder 14cm. Double

**Spring action.** Straight serration and fine beak ensure non slipping Made of stainless steel



#### Mathieu Needle Holder 14cm. Offset.

14cm. Offset. Cross serration and regular frim beak ensure non slipping grip for working precisely. Offset ratchet makes if more comfortable in working. Made of stainless steel.



#### Mathieu Needle Holder14cm.

Offset ratchets. With T/C tips.
T/C tips inserts and regular firm beak ensure non slipping grip for working precisely. Offset ratchet makes it more comfortable in working Made of stainless steel.

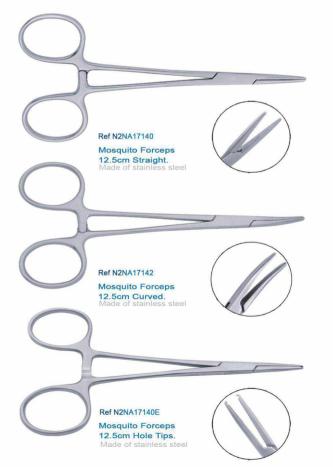


#### Mathieu Needle Holder 14cm. Offset ratchets. Double action spring, light pattern.

couon spring, light pattern.
Cross serration and fine firm beak
ensure non slipping grip for working
precisely. Offset ratchet makes it
more comfortable in working.
Light pattern makes this Mathieu
working soft and smooth.
Made of stainless steel.

#### Mathieu Needle Holder Long 7" With T/C tips.

slipping grip for working



#### **MOSQUITO FORCEPS**







#### Ref N21150450 **Bonding tweezers**

Made of stainless steel, cross action. For placement of brackets with thing. 025" Plate on the rare

#### Ref N21150451 **Bonding tweezers** 14cm Heavy

Made of stainless steel, cross action. For placement of brackets

#### Ref N21150452 **Bonding Placer/Slot** Aligner Tweezers.

Made of stainless steel, cross action. For placement & lineament

#### Ref N21150453 **Improved Tweezers**

13cm tweezer Made of stainless steel, cross action. For placement of brackets with thin.025" plate on the free

#### Ref N201150454 **Keat Buccal**

#### Ref N21150455

**Buccal Tube tweezer** Cross action. Made of stainless steel, cross action. For placement buccal tubes

#### Ref N21150456

**Buccal Tube tweezer** Cross action with slot.

tubes and aligning them



#### **Bonding tweezers** with slot aligner

For placement of brackets and aligning them

#### Ref N21150510 Lingual bracket Tweezers 14cm

Made of stainless steel, cross action For placement of brackets.

#### Ref N21152255/2 Collage Cotton Pliers

steel, serrated jaws

#### Ref N22255/2WL Collage Cotton Pliers with locking

Made of stainless steel, serrated jaws

#### Ref N22265/2 Meriam Cotton Pliers

Made of stainless steel, serrated jaws

#### Ref N21150458 Soldring Tweezers 13cm. Made of stainless steel

with fiber thumb pad for protection, curved tips

#### Ref N21150460 Articulating paper forceps

14cm. Made of stainless steel,cross action firmlyhold paper

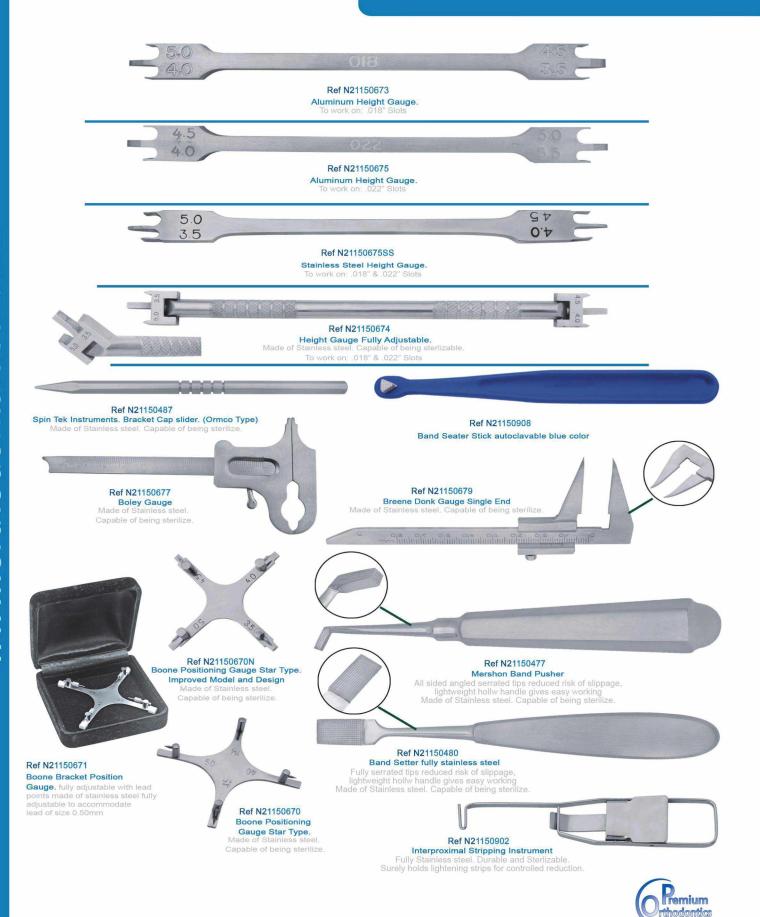


#### HAND INSTRUMENTS Ref N21150476N Ligaturedirector and Pusher **Hollow Handle Wide** Ref N21150470 Doubel-Ended Ligature Director. Handle made of Non-Magnet Hollow Stainless steel pipe. Corrosion. Ref N21150471 **Ligature Director Scaler.** Handle made of Non-Magnet Hollow Stainless Resistant for longer use. Points made of hardened stainless steel Ref N21150472 Band Pusher Scaler. Handle made of Non-M s steel pipe. Corrosion Ref N21150473 Schure Band Seater. Round Handle. One part instrument made of hardened stainless steel Ref N21150476 Schure Band Seater. Corrosion resistant for longer use. Points made of hardened stainless steel Ref N21150484 Tucker and Pusher. Handle made of Non-Magnet octagonal Hollw Stainless steel pipe. Corrosion, resistant for longer use. Points made of hardened stainless steel Ref N21150474 TWIRL-ON Module. Handle made of Non-Magnet Hollw Stainless steel pipe. Corrosion Resistant for longer use. Points made of hardened stainless steel Ref N21150475 Distal Bender Single End for wire up to 22" Sin up to 22" Simple using made from durable stainle bends tails of springs. Work on all stainless steel Ref N21150475 D/E Distal Bender Double End one side to accomodate wire upto .019" and other side to accommodate wires up to .030" simple using made from durable stainless steel, bends tails of springs. Work on all stainless steel wires. Ref N21150478 Ligature Director curved, fine narrow. Octagonal Handle. Narrow Groove. One part instrument made of hardened stainless steel remium

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#### HAND INSTRUMENTS





#### SPATULAS & SCISSORS





#### Pliers Hanging Rack SS



#### Ref N21150602

#### Pliers Hanging Rack SS with holding cup



#### Pliers Hanging Rack SS

With Acrylic Transparent Plates Joining three non magnetic Stainless steel Rods



#### Ref N21150705

Scaler Tray Made of Stainless steel



#### Ref N21160920

#### Impression Trays PERFORATED

Available in set of 6, 8, 10 & 12 Pieces Sizes: L1, L2, L3, L4, L5 U1, U2, U3, U4, U5

Individual numbers as per requirement are also available. Kindly mention while ordering Made of non magnetic Stainless steel



#### Ref N21150706

#### Kidney Tray. Medium Size



#### Ref N21160921

Impression Trays SOLID

Available in set of 6, 8, 10 & 12 Pieces
Sizes: L1, L2, L3, L4, L5
U1, U2, U3, U4, U5

Individual numbers as per requirement are also available. Kindly mention while ordering Made of non magnetic Stainless steel



#### Ref N2CTB5001

#### Sterilization Cassettes Tray



#### Ref N2CTB7002

#### Sterilization Cassettes Tray

For 7 Instruments, Box Typ Made of Stainless steel



#### Ref N2CTB15003

#### Sterilization Cassettes Tray

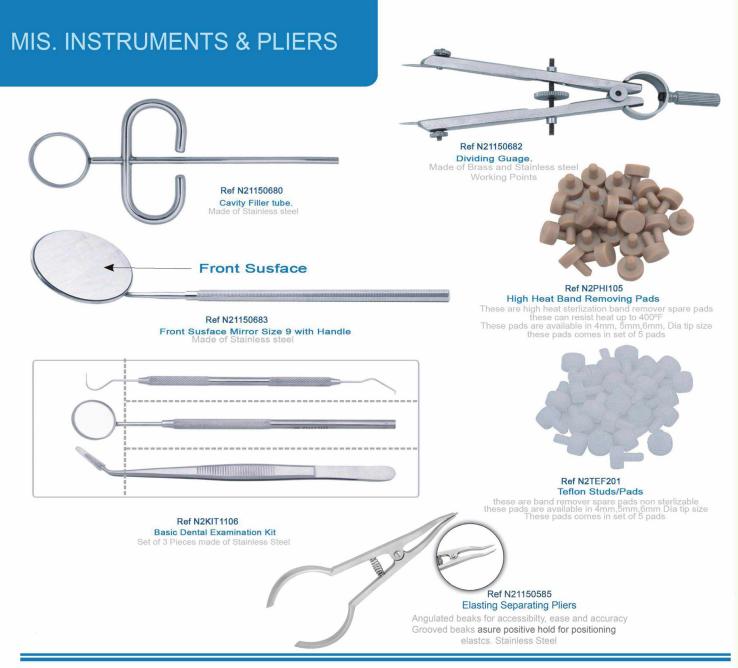
For 15 Instruments, Box Type Made of Stainless steel



#### Ref N2CTB20004

#### Sterilization Cassettes Tray





- All Pliers are made from AISI 410, 420 type Stainless steel materials
- High quality extra hard and highly durable immunity-HS Steel Tips inserts are used for Distal End Cutters, Ligature Cutters and Pliers where needed with special joining/welding technique for inserts-extreme stability is ensured
- High precision joint assembly for a long lasting Tips alignment with specially designed technique for lasting Frictionless smooth functioning. Hex Screw assembling is also mede with precision and diamond honed Tips cutting edges
- Ergonomic rounding of all Sharp edges-improved safety, precise and uncomplicated handling ensured
- All pliers are ultrasonically cleaned, lubricated and then tested with recommended wire sizes
- Ideal for autoclaving as wll as dry heat sterilization
- Modern efficient instruments care is recommended for working well over time trouble free.
- All Pliers are under warranty for the period of 1 year from the date of your purchase. If in normal use, any of our Pliers are found defective in material or manufacturing workmanship under current warranty, it will be repaired or replaced at our discretion. Misuse, negligence or lack of reasonable or proper maintenance and care will nullify this warranty.



#### **INSTRUCTIONS & GUIDANCE**

#### Orthodentalusa Corp Plier Sterilization Tips

Your pliers are an investment. You expect them to function properly over the years. You don't want rusted pliers or cutting failures. Many of the problems with your pliers are associated with the sterilization problems. With these easy to follow instructions you get more life out of your pliers as well as full performance you deserve.

- You should never use soap and water to clean your pliers. Distilled water can be used in an ultrasonic cleaner.
- Gluteraldehyde can also damage your pliers. Do not put them in any gluteraldehyde solution.
- Always use surgical milk or distilled water for pre-cleaning.
- Do not brush your pliers as hard brushes might scratch your pliers.
- The pliers should be kept separately especially when they are in an ultrasonic cleaner.
- Avoid excessive sterilization as it might damage the polish on your pliers.
- Check the wire sizes your plier's cutting and bending specifications. Do not use your pliers with heavier wires, as this will damage the inserted tips of your pliers.

Autoclave: Clean your pliers first with 1/10 surgical milk/distilled water solution. You can put them in an ultrasonic cleaner. Do not rinse them with soap and water. You can put them directly to autoclave without rinsing or drying.

After this moment you can follow the instruction manual of your autoclave.

Chemiclave: Clean your pliers with 1/10 surgical milk/distilled water solution. Do not rinse then with soap or water.

Dry them very carefully with a clean towel. Put the pliers in separate chemiclave bags and then in the chemiclave. After this moment you can follow the instruction manual of your chemiclave.

Dry Heat Sterilization: Do the same cleaning for autoclave or chemiclave first. You can also use distilled water only to clean your pliers. No drying required. Place them in your Dry Heat Sterilizer and follow the instruction manual.

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- 1) Your plier's tips are rusted.
- 2) You see black spots on your pliers.
- 3) The edges of your cutters are dull.
- 4) The joint of my pliers is stiff and squeaky.

#### Reason

- 1) Pliers were in touch with water.
- 2) Pliers were in touch with water. The chemicals and minerals in the tap water are
- the reason for the discoloration.
- 3) You left your pliers too long in the ultrasonic cleaner. Also check the bending and cutting specifications. You might have been using your pliers to cut or bend a heavier wire than it's standards.
- 4) Excessive sterilization caused the polish and the lubricants disappear. It might be the time to send them back for Quality Repair Service.

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#### **Orthodentalusa Corp** Orthodontics Instruments

Orthodentalusa Corp Orthodontic instruments carry a lifetime warranty against material defects and craftsmanship. Like all Orthodontic companies, "lifetime" references the life of the product. We guarantee your cutters for ONE years. This covers breakage, joint failure, and corrosion under normal use. Proper cleaning and maintenance is required. Failure to properly care for instruments, including cleaning and lubrication may void this warranty. Orthodentalusa Corp reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is considered routine maintenance with normal use, and is not covered by warranty.

Cleanig: Remove cements and other bulk debris immediately after use. Clean instruments ultrasonically, using an enzymatic cleaning solution such as Enzymax. Change your ultrasonic solution daily. Clean and sterilize hinged instruments in the open position. Improper cleaning can lead to discoloration and oxidation. A good cleaning will lengthen the life of your instruments. Only use detergents and disinfectants that are suitable with medical and dental instruments and follow the manufacturer's instructions in respect to concentration and time of exposure.

respect to concentration and time of exposure.

Lubrication: Lubricate instruments at least weekly prior to sterilization. Use only lubricants designed for precision hinged instruments such as instrument Lubricant Spray, 8oz. If you are using a dry heat sterilizer, be sure to use a lubricant that is compatible with the operating temperatures of your dry heat unit such as high heat instrument lubricant, 8 oz. Routinely lubricating instruments will lengthen the life of your instruments.

Sharpenig: Sharpen cutters regularly. How often depends on such factors as the frequency of use, types of applications the cutter is being used in, etc. Routinely inspects cutters to determine if sharpening is required. Sharp instruments cut more efficiently and regular sharpening will enhancen the life of your cutter.

Sterilizing: Sterilize hinged instruments in the open position. Use steam autoclave, chemical vapor or dry heat units. The most efficient methods are steam autoclave and chemical vapor. *Orthodentalusa Corp* instruments are actually designed for use with steam autoclave. Steam autoclaves will not dull cutters. Do not use cold sterilants, they can chemically attack your stainless steel instruments. Be sure your sterilizing units are clean and operating properly.

Corrosion: Your *Orthodentalusa Corp* instruments is very resistant to corrosion. You can prevent corrosion problems by following all manufacturers recommendations. Is it really corrosion? Accumulated debris can turn orange in color and be mistaken for rust. *Orthodentalusa Corp* can help you make this determination. Never mix your new instruments with a corroded instrument. Oxidation can easily spread to new instruments. It is recommended that a corroded instrument be discarded.



# **Orthodentalusa**







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