

ixionTM

Instruments

All **ixionTM** instruments are made from German Surgical Stainless Steel with a beautiful satin finish which reduces glare.

All cutting edges are made from Tungsten Carbide inserts providing superior strength and sharpness.

All instruments have a Box Joint which provides reliable smooth action and ensures the tips align perfectly every time.

All **ixionTM** instruments have a Unique Streamline Design providing a perfectly balanced instrument.

All **ixionTM** instruments are finished with Round Smooth Edges providing maximum comfort & safety for you and your patient.



ixion™ Instruments



CUTTERS Distal Ends

ix900 Distal End Safety Hold Cutter with T.C.

This instrument cuts wires close to the buccal tube and safely holds the distal end. The T.C. inserts ensure precision cutting, long wear and unsurpassed cutting performance.

Cutting Capacity:
archwires up to .021 x .025" (.55 x .64mm)

ix901 Long Handled Distal End Safety Hold Cutter with T.C.

This instrument features extra long handles and a compact head to ensure easy access in hard to reach areas. The T.C. inserts provide unsurpassed performance and long wear.

Cutting Capacity:
archwires up to .021 x .025"
(.55 x .64mm)

ix902 Flush Cut Distal End Safety Hold Cutter with T.C.

The flush cut feature of this instrument allows the archwire to be cut flush with the end of the buccal tube eliminating the possibility of patient discomfort resulting from archwire protrusion.

Minimum Cutting Capacity:
.016" (.41mm)
Maximum Cutting Capacity:
archwires up to .021 x .025" (.55 x .64mm)

ix902 Flush Cut Distal End Safety Hold Cutter with T.C. small

Same features as ix902,
designed for smaller wires.

Minimum Cutting Capacity:
.012" (.30mm)
Maximum Cutting Capacity:
archwires up to .016 x .025"
(.41 x .64mm)

ixion™ Instruments

CUTTERS Hard Wire



ix905 Hard Wire Cutter with T.C.

Easily cuts any size archwire or pin. The T.C. inserts ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity:
.012" (.30mm)
Maximum Cutting Capacity:
archwires up to .021 x .025" (.55 x .64mm)

ix906 Hard Wire Cutter 15° Angle with T.C.

Same features as standard hard wire cutter ix905 with the advantage of 15° angle for easier access to the posterior area.

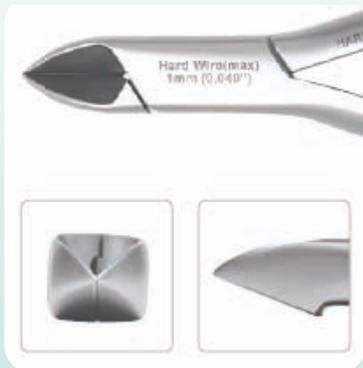
Minimum Cutting Capacity:
.012" (.30mm)
Maximum Cutting Capacity:
archwires up to .021 x .025"
(.55 x .64mm)



ix907 Large Hard Wire Cutter with T.C.

Cuts all types of wire. TC inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity:
.014" (.36mm)
Maximum Cutting Capacity:
wires up to .039" (1mm)



ix908 Heavy Duty Cutter with T.C.

This instrument cuts up to 1.5mm wire with ease due to its triple action design. TC inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity:
.014" (.36mm)
Maximum Cutting Capacity:
wire up to .060" (1.5mm)



ixion™ Instruments



CUTTERS Pin & Ligature

ix910 Pin Ligature Cutter 7° Angle with T.C.

Standard cutter with 7° angled tips to allow easy access and better visibility in difficult areas. TC inserts ensure precision cutting of ligature wire, pins and elastics.

Maximum Cutting Capacity:
soft wire up to .016" (.41mm)

ix911 Micro-Miniature Liga- ture Cutter with T.C.

The small narrow and sharp pointed tips allow easy access to the most difficult areas. The TC inserts ensure precision cutting of ligature wire and elastics.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm)

Caution: This delicate instrument is designed for the removal of soft stainless steel ligatures to a maximum of .012" diameter.

ix912 Standard Ligature Cutter with T.C.

This cutter has fine tips for easier access to difficult to reach areas. Cuts pins, wire ligatures and elastics.

Maximum Cutting Capacity:
soft wire up to .015"
(.40mm)

ix913 Standard Ligature Cutter

Same design as IX912 but without T.C. inserts.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm)

ixion™ Instruments



Utility Pliers



ix800 Small Weingart Utility Plier

Special features incorporated in ixion™ Weingart style pliers make this one of the most popular. Matching serrated tips hold wires firmly at a convenient working angle. Carefully tapered beaks fit easily between brackets and are rounded for safety and comfort.

Holds round, square and rectangular wires up to: .022 x .028" (.56 x .71mm)

ix801 Small Weingart Utility Plier with T.C.

Same as IX800 but with T.C. inserted tips providing maximum wire control & prevent the wire from slipping.

Holds round, square and rectangular wires up to: .022 x .028" (.56 x .71mm)



ix802 Large Weingart

Precision serrated tips are designed for heavy wires and to prevent the wire from slipping. For safe and easy insertion or removal.

Holds wire up to .030" (.076mm).



ix803 Large Weingart Utility Plier with T.C.

Same as IX802 with T.C. tips providing maximum wire control & to prevent the wire from slipping.

Holds wire up to .030" (.076mm).



ixion™ Instruments

Utility Pliers

ix804 Fine Tipped Weingart

Sturdy construction without T.C.

This strong but fine tipped utility plier allows excellent access in difficult to reach areas.

Holds wire up to .022 x .028" (.56 x .71mm).



ix805 How Utility Plier (Straight)

A versatile utility plier with a long tapered tips. The 3/32" diameter tips are serrated to prevent slippage. The tips are rounded for patient comfort and safety.



ix806 LHow Utility Plier (Angled)

Similar to IX805 but with 45o angled tips for convenient access to lingual and other difficult to reach areas. Matching serrated tips hold wires firmly at a convenient working angle.



ix820 Crimpable Archwire Hook Plier

Designed for surgical ball hooks and auxiliaries. The slotted tip holds auxiliaries secure to provide for positive crimping.



ix825 Posterior Band Remover (Short)

The plastic pad rests on the occlusal surface of the molar which places the removing tip in the perfect position to catch the gingival edge of the band. Replacement pads are available in 3/16" and 1/8" diameters.

Replacement Tips 3/16" (5mm) - IX895
Replacement Tips 1/8" (4mm) - IX896



ix826 Posterior Band Remover (Long)

Same features as IX825 but with a longer band removing arm. Replacement Tips 3/16" (5mm) - IX895

Replacement Tips 1/8" (4mm) - IX896



ixion™ Instruments

Utility Pliers

ix895
Replacement Tips
3/16" (5mm) Flared
Pk 3



ix896
Replacement Tips
1/8" (4mm) Flared
Pk 3

ix827
Direct Bond Remover
(Straight)



Sharp tips wedge between the edges of the bracket base and tooth surface to remove direct bond brackets safely and comfortably.

ix828
Direct Bond
Remover (Angled)



Same design as IX827 except the 60o angle allows easier access in difficult to reach posterior brackets

ix829
Direct Bond Remover
with T.C.



Removes brackets easily by holding the side of the bracket in a horizontal position or under the tie wing and applying pressure by torquing or turning in a clockwise motion.

ix835
Adhesive Removing Plier



Vinyl tube rests on the occlusal surface of the tooth ensuring no discomfort to the patient while the sharp metal tip removes adhesive from the labial surface with ease.

ix836
Replacement Metal
Pad

Sold in packs of 2.



ix837
Replacement Vinyl
Tube 15cm

ixion™ Instruments

Utility Pliers

ix840
Small Adams with T.C.



Square beak 1mm at tip and parallel at .045" opening. Effective for wires up to .030" (.76mm).

ix822
Band Contouring Plier



Small precision matched concave and convex tips for the contouring of bands.

ix841
Force Module Separator



Designed for easy placement of separating elastics.

ix824
Coon Ligature Tying Plier



Self-locking ligature tying plier with fine beaks for the ease of applying and tying s/s ligatures.

ixion™ Instruments



Wire Bending Pliers



ix809 Light Wire Plier with Cutter

This popular loop forming and bending plier with precise round and square tips bends archwires from .012" to .020" (.30mm - .51mm). Cutter at base of beaks cuts archwires from .014" to .020" (.36mm - .51mm).

ix808 Light Wire Plier with Cutter/2 Grooves

The most popular wire bending plier. These smooth tipped pliers bend archwires from .012" to .020" (.30mm - .51mm). Beaks are grooved for round wire at 1mm and 2mm from tip. Cutter at base of beaks cuts archwires from .014" to .020" (.36mm - .51mm).



ix807 Light Wire Plier

Same popular design as ix808, but without the cutter or the 2 grooves.



ix811 Light Wire Contouring & Cutting Plier

With longer, more gradually tapered beaks than model IX809, this plier is designed for round wires up to .020" (.51mm). The longer beaks make it easier to bend small diameter loops.



Unique features are the contouring of loops and arches up to .021 x .025" (.55 x .64mm) and the built in cutter that allows wires to be cut from .014" to .020" (.36mm - .51mm).

ixion™ Instruments

Wire Bending Pliers

ix810 Bird Beak Plier

The most popular and versatile plier for working with round wire up to .028" (.71mm). The round beak is precision ground to a perfect cone - .025" at the tip. The pyramid beak is exactly .025" wide at the tip.



ix872 Bird Beak Plier with T.C.

Same design as IX810 with the addition of T.C. tips providing maximum wire control and improved gripping.



ix821 Long Beak Light Wire Plier

Longer beaks than the ix810 for making precision loops in light wires. Can be used with round and square wire up to .020" (.51mm).



ix812 Tweed Loop Forming Plier with Cutter

Ideal for making consistent uniform loops. The tip has three sections of 1.2mm, 1.8mm and 2.0mm with matt finish to prevent wire slippage.

Can be used with round and square wire up to .021 x .025" (.55 x .64mm). Built in cutter allows wire to be cut from .014" to .020" (.36mm - .51mm).



ix814 O'Brien Loop Forming Plier

The perfect plier for making Bull, Omega and Closing loops. This plier has one precision cylindrical three-step beak and one concave, serrated surface to prevent wire slippage. Can be used with round & square wire up to .021 x .025" (.55 x .64mm).



ix813 Tweed Arch Forming Plier

Designed for torquing and bending square or rectangular wires. The blades are designed to be parallel at .020" opening.

Can be used on wires up to .021" x .025" (.55 x .64mm).



ixion™ Instruments

Wire Bending Pliers

ix871
Tweed Arch
Forming Plier with
T.C.

Same design as IX813 with the addition of T.C. inserted tips providing maximum wire control and improved gripping.



ix816
3-Jaw Plier

Precision aligned tips are gently rounded for consistent contouring and bending without damaging the archwire. One-piece construction of the double tip ensures superior strength. Can be used on wire up to .030" (.76mm).



ix821
Small 3-Jaw Plier

Same design as IX816 but with slightly smaller tips for working with wire up to .020" (.51mm).



ix812
Fine 3-Jaw Plier

Smaller tips than the IX819. Can be used with wires from .012" Nickel Titanium up to .020" (.51mm).



ix817
De La Rosa

Precision matched concave and convex tips for smooth contouring of light wire loops. Contours and forms arches without torquing. Can be used on wires up to .021 x .025" (.55mm x .64mm).



ix818
De La Rosa with
Groove

Same design as IX817 but with additional grooves measuring .016" (.41mm), .018" (.46mm) and .022" (.56mm) respectively.



ixion™ Instruments

Wire Bending Pliers

ix815 Nance Plier

Precision loop forming with four step tips 3mm, 4mm, 5mm & 6mm. Excellent for round & square wires up to .022" (.56mm). All working edges have been bevelled to prevent wire scoring.



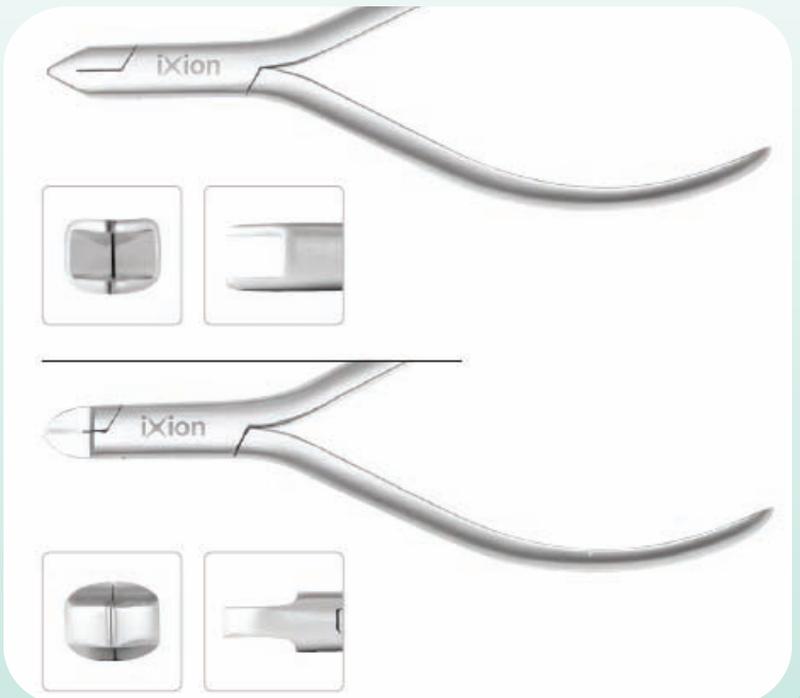
ix830 Hollow Chop

Convex/Concave tips enable adjustment of all types of loops.



ix873 (set) Torquing Plier Set

The torquing plier set allows the accurate placement of torque to square/rectangular archwires. Both Male and Female parts have hard wearing Tungsten Carbide tips.



ixion™ Instruments

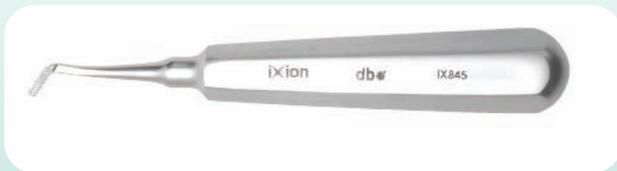


Hand Instruments & Hemostats

ix850
Direct Bond Bracket Holder

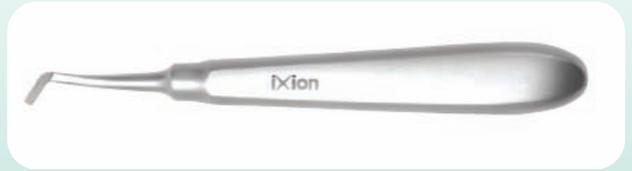
Spring loaded reverse action holds brackets until release is desired. Blade at the end of the tip helps with final bracket slot position.

ix845
Mershon Molar Band Seater



Stainless steel serrated tip for a positive control.

ix846
Mershon Band Pusher Small Round Handle



Same tip as IX845, but with lower profile handle.

ix847
Mershon Band Pusher Flat Handle



Same tip as ix845, ix846 but with a slim line handle.

ix855
Mosquito Forceps



Stainless steel with serrated tips and positive locking ensure consistent performance.

ix861
Mathieu Needle Holder with T.C.



Sturdy, rounded tips designed for twisting ligature wire. Tungsten Carbide tips.

ix862
Mathieu Needle Holder (Standard)



Sturdy, rounded tips designed for twisting ligature wire.

ixion™ Instruments

Hand Instruments & Hemostats

ix864

Curved Mathieu Needle Holder with T.C.

Sturdy rounded tips designed for twisting ligature wire. Curved Tungsten Carbide tip facilitates easy access in difficult to reach areas.



ix865

Curved Mathieu Needle Holder

Same features as ix864 with regular stainless steel tips.

ix863

Smaha (Straight)



Fine tips but strong enough for inserting archwires. Excellent for placing elastomeric ligatures.

ix860

Small Tip Mathieu Needle Holder



Finer tips than the IX861.

ix859

Deluxe Mathieu Needle Holder with T.C.



Short tip Mathieu is ideal for twisting ligature wires. Tungsten carbide inserts ensure maximum wire control.

ix870

Serrated Scissors



Stainless steel with serrated tips. Ideal for cutting stainless steel tape, bands and ligatures.

ix880

Plaster Knife



ix881

Small Wax Knife



ix882

Large Wax Knife



ixion™ Instruments

Hand Instruments & Hemostats

ix866

Bracket Height Gauge 3.5mm-5mm .018



For precise bracket positioning of .018 brackets.

ix867

Bracket Height Gauge 3.5mm-5mm .022



For precise bracket positioning of .022 brackets.

ix100

Curved Rack



Autoclavable Stainless Steel Rack
size L 95mm x H 125mm.

ix101

Small Rack



Autoclavable Stainless Steel Rack
size L 110mm x H 120mm.

ix102

Large Rack



Autoclavable Stainless Steel Rack
size L 155mm x H 120mm.

ixion™ Instruments

lingual series

This Range of Lingual Instruments has been developed specifically to facilitate the 'art' of Lingual Orthodontics.

We consulted many Lingual Orthodontists in order that we were able to produce a range of instruments which fully met their needs.

The small inter bracket widths and working in parts of the mouth which are hard to reach with traditional orthodontic instruments gives the lingual technique an added difficulty.

With these factors in mind we have developed a range of instruments with longer handles for the difficult to reach areas, the heads of the instruments are smaller to accommodate the lack of space and all instruments have the unique Ixion smooth contours for added patient comfort.



ix911
Micro-Miniature Ligature Cutter with T.C.

The small, narrow & sharp pointed tips allow easy access to the most difficult areas. The T.C. inserts ensure precision cutting of ligature wire & elastics.

Maximum Cutting Capacity:
soft wire up to .012 (.30mm)



ix958
Flush Cut Distal End Safety Hold Cutter with T.C.

The flush cut feature of this instrument allows the archwire to be cut flush with the end of the buccal tube, eliminating the possibility of patient discomfort resulting from archwire protrusion. Minimum Cutting Capacity: .016 (.41mm)

Maximum Cutting Capacity: archwires up to .021 x .025" (.55 x .64mm)



ixion™ Instruments

lingual series

ix958s

Flush Cut Distal End Safety Hold Cutter with T.C. small

Same features as IX958,
designed for smaller wires.

Minimum Cutting Capacity:
.012 (.30mm)
Maximum Cutting Capacity:
archwires up to .016 x .025"
(.41 x .64mm)



ix957

Mini Ligature Cutter 60° Angle

Same features as ix956, but
angled at 60° for excellent
access to the lower arch. The
T.C. inserts ensuring precision
cutting of ligature wires and
elastics.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm)



ix956

Mini Ligature Cutter 50° Angle

The narrow tip is angled at
50° for excellent access to
the upper arch.
The T.C. inserts ensuring
precision cutting of ligature
wires and elastics.

Maximum Cutting Capacity:
soft wire up to .012"
(.30mm)



ix855

Bracket Remover

The narrow sharp
tips, wedge
between the
edges of the
bracket base &
tooth surface to
remove direct
bond brackets
safely & comfort-
ably.



ix952

Stepped Tweed Arch Plier

Designed for torquing &
bending both square &
rectangular wires.
The fine tips allow
excellent access even in
lower anterior region.

Maximum Cutting Capacity:
wire up to .021" x .025"
(.55mm x .64mm)



ix953

Cinch Back

The serrated tips of this
instrument hold the
wire securely while
bending the wire 90°
distal to the buccal
tube, avoiding patient
discomfort.

For use with Nickel
Titanium wires .012 -
.018" (.30 x .46mm).



ixion™ Instruments

lingual series

ix950
Weingart 60° Angle

Small serrated tips are angled at 60° for easy access in the posterior region.



ix951
Weingart 60° Angle with T.C.

Same features as ix950 with the addition of Tungsten Carbide tips.

Maximum .018" (.64mm) wire.



ix940
Curved Smaha



Fine curved tips but strong enough for inserting archwires & excellent for placing elastomerics to lingual brackets.

ix010
Ixion Oil

Specially formulated for orthodontic instruments. Will withstand temperatures of up to 160°C. Supplied with easy to use dispensing nozzle. Size 100ml.



ixion™ Instruments

Laboratory Series

ix704
Swartz Plier



Arrow clasp forming plier for wire up to 0.7mm/.028".



ix700
General Use Plier



Stainless Steel, bends hard wire upto 0.9mm/.035" max.
Cuts hardwire upto 0.7mm/.028" max.

ix701
Three Jaw Plier Max 1.5 mm



Heavy duty 3 jaw plier, does not score wires.
For hard wire upto 1.5mm/.059"

ixion™ Instruments

Laboratory Series

ix705

Universal Lingual Arch Plier



For forming of all lingual retainers. Grooved to hold all larger wire sizes jaw widths.
For hard wire upto 3.05mm/0.120"

Also ideal for double and triple back bends. Bends rounds, square and rectangular wires upto 0.91mm/.036".

ix702

Three Jaw Plier Max 0.8mm



For hardwire upto 0.8mm/.031

ix703

Young Three Level Plier



For labial arches and canine loops.
For hard wire upto 0.7mm/.028

ixion™ Instruments

Laboratory Series

ix706
Flat Nose Plier



For forming of all lingual retainers. Grooved to hold all larger wire sizes jaw widths.
For hard wire upto 3.05mm/0.120"

Also ideal for double and triple back bends. Bends rounds, square and rectangular wires upto 0.91mm/.036

ix707
Conical Flat Nose Plier



For forming of all lingual retainers. Grooved to hold all larger wire sizes jaw widths.

For hard wire upto 3.05mm/0.120"

Also ideal for double and triple back bends. Bends rounds, square and rectangular wires upto 0.91mm/.036".

ix708
Optical Plier



For hard wire up to 0.7mm/.028".

ixion™ Instruments

DB05-0315

Mosquito Forceps



High quality instrument. Fine serrated tips for placing elastomeric ligatures. Matt finish. Autoclavable

DB05-5316

Mosquito Forceps with Grooved Tip



Grooved tip means a non-slip grip when placing elastic ligatures.

DB05-0315C

Mosquito Forceps with Curved Tip



Same high quality as standard forceps. Curved tip. New matt finish. Autoclavable.

DB05-0315H

Mosquito Forceps with Hook



Same quality as standard mosquito. Hook to stop ligatures slipping.



Direct Bond Holders

Style A Deluxe Holder

Fine tip with positioning blade. Reverse action holds all types of brackets and releases smoothly.

DB05-0421

Style B Standard Holder

Standard holder with positioning blade. Serrated tips. Reverse action for positive holding.

DB05-0420

Style C Curved Holder

DB05-0418

ixion™ Instruments

DB05-0423

Reverse Keat Bondable Tube Holder



Helps with accurate positioning of bondable tubes.

DB05-5323

Positive Positioner



For precise placement of posterior direct bond attachments. Lightweight design, spring release action.

DB05-0322

NiTi Ice Instrument



Turns NiTi wire soft and flexible immediately. Fill the NiTi Ice Instrument with water and freeze. The lightweight compact design allows for pinpoint activation of nickel titanium archwires. Wire turns soft and flexible immediately. Works well in anterior or posterior regions.

DB05-0331

Pedo Curved Scissors



DB05-0332

Beebee Straight Scissors 10cm



DB05-0333

Crown & Gold Scissors 12cm



ixion™ Instruments

DB05-0004

Boon Gauge



Helps with precise bracket placement. Accurately measures height of bracket from edge. 3.5, 4, 4.5, 5mm. Made from surgical stainless steel. Autoclavable.

DB05-0311

Double Ended Tucker



The most popular ligature director. One end notched, one end curved. For directing archwires and ligatures.

DB05-0329

Open Bite/Wedge Ruler



Ideal for diastemes, expansion appliances. Measuring range 0.4mm - 8mm. Autoclavable.

DB05-0321

Distal Bender



Works on all stainless steel, most NiTi and Beta III wires. Can be used on all sizes of wires up to .021" x .028".

DB05-5053

High Heat Bite Sticks



A major improvement to the traditional orthodontic bite stick design. High Heat Bite Stick is manufactured from a high impact plastic that is similar to stainless steel and will not flex or bend like older bite sticks. A sure grip handle is provided that makes it much easier to grip, even when the surface is wet. Withstands up to 600oF. Guaranteed not to melt.

DB05-5317 Twirl-On



DB05-0317 Mitchell Trimmer No.4

