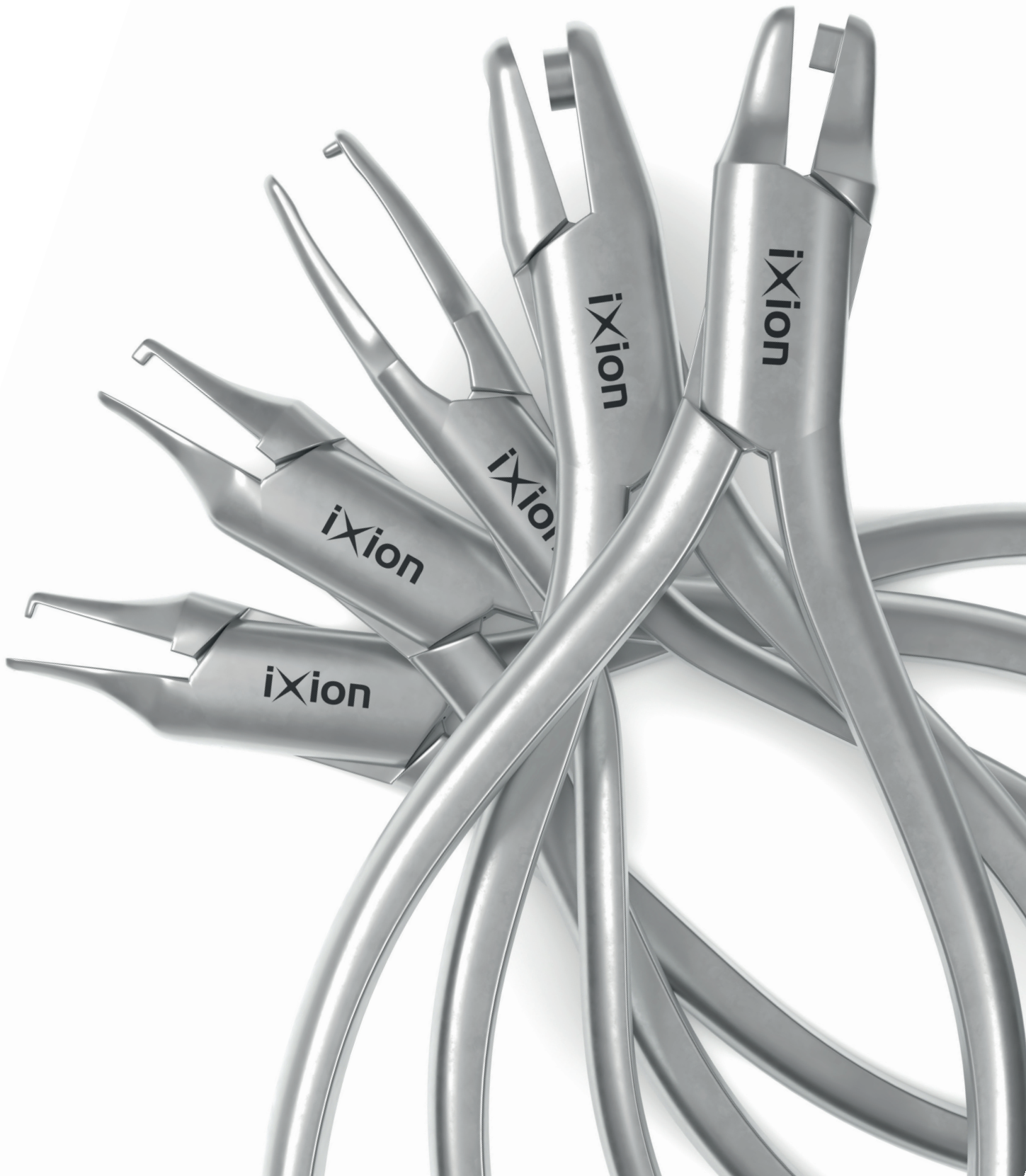




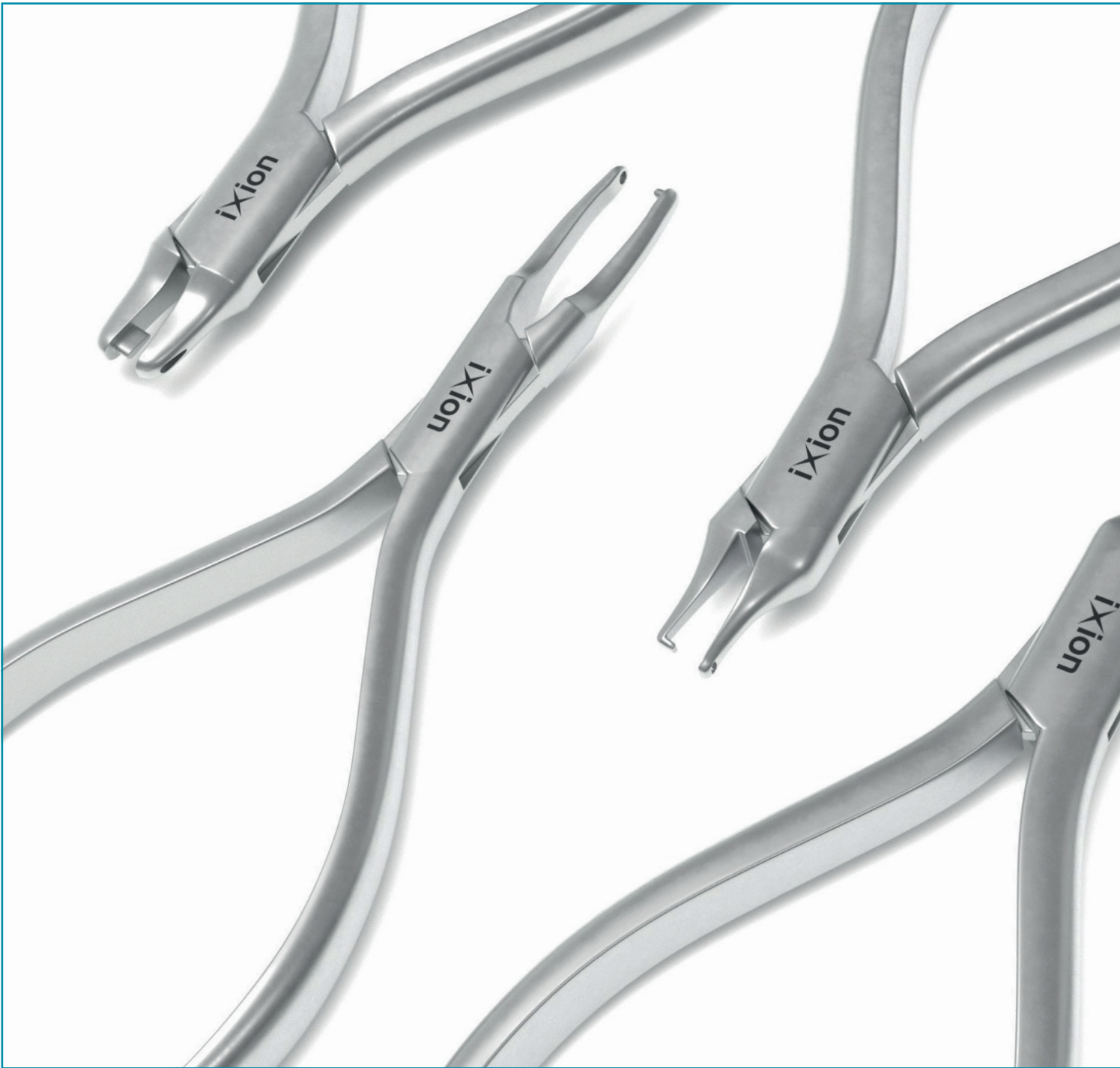
Product Catalogue 2026



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“

Ixion Instruments are much more efficient than the previous brand we used. They cut down our clinic time, are sharper, last longer, and are all round much better quality.

They are actually really cost effective in the long run. Ixion instruments are definitely worth investing in.

Amy Turnbull, Dental Nurse, Eastgate Orthodontics

”



ixion[®] Instruments

Global Leaders in Premium Orthodontic Instrumentation

Ixion[®] instruments are globally recognised for their outstanding performance, durability, and reliability. When you choose Ixion, you invest in precision and peace of mind—backed by the Ixion Lifetime Warranty, ensuring your instruments are free from material and workmanship defects for their expected lifespan.

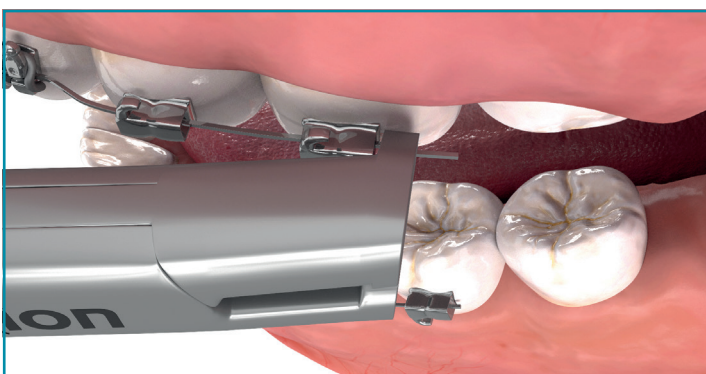
- High-quality German surgical stainless steel
- Satin finish minimises glare from surgical lighting
- Cutting edges made from Tungsten Carbide or Remanite for superior strength and sharpness
- Box joint design ensures smooth, precise alignment of the tips
- Perfectly balanced with a unique, streamlined design
- Rounded, smooth edges maximise comfort and safety for both clinician and patient

Here is the **IX900** Distal End Cutter in action cutting the wire close to the buccal tube, and then safely holding the distal end.

To watch our video animation of this and so many more don't forget to scan below.



**SCAN HERE TO
VIEW ALL OF OUR
IXION ANIMATIONS**



Aligner Pliers



IX887

IX887
Torque Aligner Plier

Achieving torque with aligners can be challenging due to material flexibility.

The IX887 creates a horizontal indentation (0.75 x 1.5mm), creating a force point for individual lingual or labial root torque.



Scan
for video



IX888

IX888
Rotation Aligner Plier

Rotational control with aligners can often prove challenging due to the lack of surface contact area between aligner and tooth – particularly on laterals.

The IX888 creates a vertical indentation / force point (0.75 x 1.5mm) on the tooth surface to optimise tooth rotation.



Scan
for video



IX889

IX889
Retention Aligner Plier

Use the IX889 on the gingival margin at the interdental papilla to create a circular indentation (1mm) for increased retention of aligners and retainers.



Scan
for video

Aligner Pliers

IX890

Tear Drop Aligner Plier

The tear drop plier assists in the treatment of Class II and IIIs, space closure, extrusion, and intrusion of posteriors.

Create a cut at the gingival margin, anywhere along the arch – buccally, labially or lingually - to conveniently hold elastics in place while the aligner is placed in the mouth.



Scan
for video



IX890

IX891

Hole Punch Aligner Plier

Often used alongside tear-drop hooks for elastics, the hole punch creates a half-circle cut-out in the aligner to give clearance for bonded buttons, tubes or brackets with hooks for elastics.

It can also be used to remove excess material to prevent tissue irritation at the incisive papilla or along the gingival margin.



Scan
for video



IX891

IX892

Aligner Scissors

Scissors developed for using on Aligners and other thermo-formed materials.



IX892



Aligner Pliers

IX886

Ixion Aligner Plier Instrument Set

This kit includes all 5 of our Ixion Aligner Pliers in a metal Ixion branded presentation tin.

Pliers Included:

IX887 Ixion Torque Aligner Plier

IX888 Ixion Rotation Aligner Plier

IX889 Ixion Retention Aligner Plier

IX890 Ixion Tear Drop Aligner Plier

IX891 Ixion Hole Punch Aligner Plier



Cutters

IX900**Distal End Cutter** with T.C. Inserts

This instrument cuts wires close to the buccal tube and safely holds the distal end. The Tungsten Carbide inserts ensure precision cutting, long wear and unsurpassed cutting performance. All Ixion distal end cutters feature safety hold.

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm)



Scan
for video

*Not recommended for Beta Titanium wires (TMA). See IX900S below.

Also Available:**IX901****Long Handled Distal End Cutter** with T.C. Inserts

Extra long handles and a compact head to ensure easy access in hard to reach areas. It cuts wires close to the buccal tube and safely holds the distal end. The Tungsten Carbide inserts provide unsurpassed performance and long wear.

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm)

*Not recommended for Beta Titanium wires (TMA). See IX900S below.

IX900S**Small Distal End Cutter** with T.C. Inserts

Our development team have solved the age-old problem of using Distal End Cutters on softer alloys. The small IX900S allows you to routinely cut beta titanium, braided and co-axial wires with ease.

Maximum Cutting Capacity:

Archwires up to .016" x .022" (.41 x .56mm)

**IX902****Flush Cut Distal End Cutter***

with T.C. Inserts

The flush cut feature of the IX902 allows the archwire to be cut flush at the distal end of the buccal tube eliminating the possibility of patient discomfort resulting from archwire protrusion. All Ixion distal end cutters feature safety hold. Features Tungsten Carbide tips.

Minimum Cutting Capacity:

.016" (.41mm),

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm).



Scan
for video

*Not recommended for Beta Titanium wires.

IX902

Cutters



IX902S

IX902S

Flush Cut Distal End Cutter Small*

with T.C. Inserts

The IX902S has all the features of the IX902, yet is designed for smaller wires.

Minimum Cutting Capacity:

.012" (.30mm)

Maximum Cutting Capacity:

Archwires up to .016" x .025" (.41 x .64mm).



Scan
for video

*Not recommended for Beta Titanium wires.



IX915

IX915

Hard Wire Cutter

with T.C. Inserts

Features the same design as the IX905, with Tungsten Carbide inserts for enhanced durability and effortless cutting.

Minimum Cutting Capacity:

.012" (.30mm).

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm).



IX916

IX916

Hard Wire Cutter 15° Angle

with T.C. Inserts

Cuts any archwire or pin with a 15° angle for easier posterior access.

Minimum Cutting Capacity:

.012" (.30mm)

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm).

Cutters

IX905**Hard Wire Cutter**

with Hard Steel Inserts

Easily cuts any size archwire or pin. The inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity:

.012" (.30mm)

Maximum Cutting Capacity:

Archwires up to .021"x .025" (.55 x .64mm)

Also Available:**IX906****Hard Wire Cutter 15° Angle**

with Hard Steel Inserts

Offers precision archwire cutting, with a 15° angle design for improved posterior access. The inserted tips ensure precision cutting and perfect tip alignment

Minimum Cutting Capacity:

.012" (.30mm)

Maximum Cutting Capacity:

Archwires up to .021"x .025" (.55 x .64mm).

**IX910****Pin Ligature Cutter 7° Angle**

with Remanite Inserts

Pin ligature cutter with 7° angled tips provides easy access and improved visibility in difficult-to-reach areas.

The Remanite inserted tips ensure precision cutting of ligature wires and pins.

Maximum Cutting Capacity:

Soft wire up to .016" (.41mm).

IX910

Cutters



IX911 / IX911L

IX911
Micro Ligature Cutter

with Remanite Inserts

Small, sharp tips provide access to difficult to reach areas. The Remanite inserted tips ensure precise cutting of ligatures.

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

IX911L
Micro Long Handled Ligature Cutter

with Remanite Inserts

Same features as IX911 but with longer handles.

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

Use only on soft stainless steel ligatures up to .012" diameter.



IX912

IX912
Standard Ligature Cutter

with Remanite Inserts

This cutter has fine tips for easier access to difficult to reach areas. It cuts pins, wire ligatures.

Maximum Cutting Capacity:
Soft wire up to .015" (.38mm).



IX913

IX913
Standard Soft Wire Ligature Cutter

Same features as IX912 but without the Remanite Inserts.

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

Utility Pliers

IX800**Small Weingart**

The special features incorporated in the Small Weingart 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)

Also Available:**IX801****Small Weingart**

with Remanite Inserts

Features the same design as the IX800, with inserted Remanite tips; providing maximum wire control and preventing wire from slipping.

Holds round, square and rectangular wires up to:

.022" x .028" (.56 x .71mm).

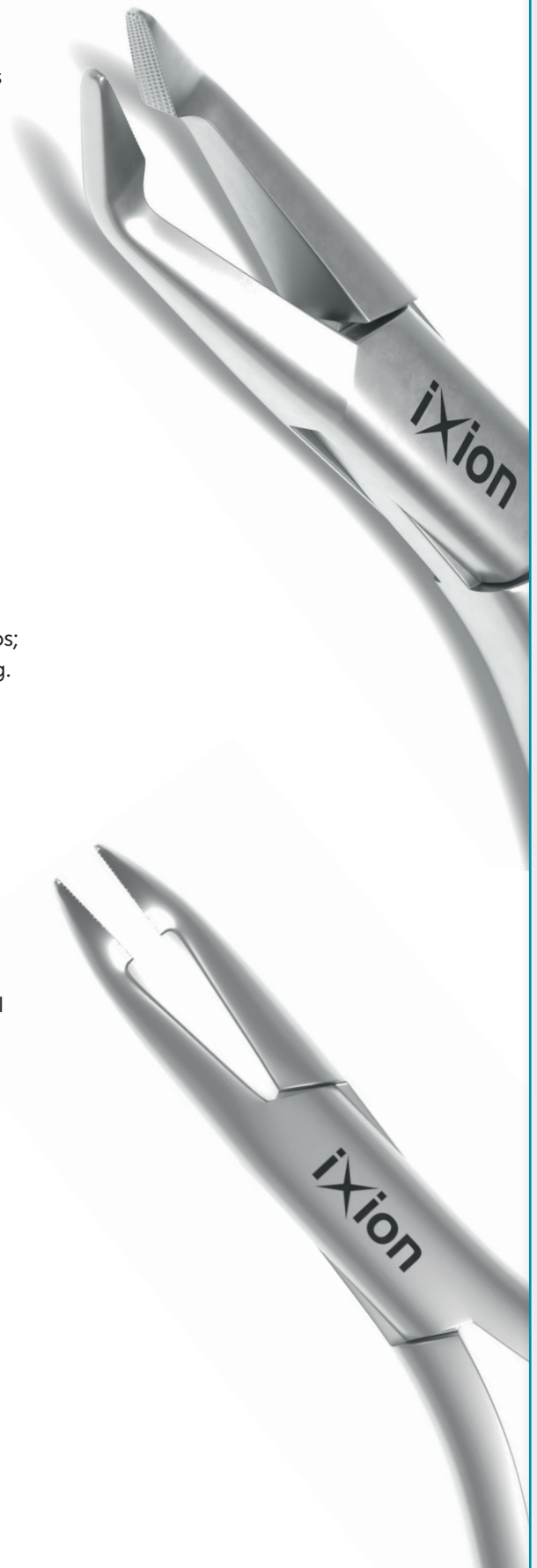
IX802**Large Weingart**

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

Holds wire up to: .030" (.076mm)**IX803****Large Weingart**

with T.C. Inserts

Same features as IX802 but with Tungsten Carbide inserts for maximum control.

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

Utility Pliers



IX804

IX804
Fine Tipped Weingart

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).



IX843

IX843
Utility Weingart

with Remanite Inserts

Designed for use with larger wires but slim enough to allow access in difficult areas. Elegant and perfectly balanced with beautifully rounded tips for patient comfort.

Precision serrated tips prevent the wire from slipping.

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



IX805

IX805
How Plier (Straight)

A versatile utility plier with long tapered tips used for a variety of tasks including gripping auxiliary attachments intraorally.

Features long 3/32" diameter serrated tips to prevent wire slippage.

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

Utility Pliers

IX825**Posterior Band Remover (Short)**

The plastic tip 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 tips are available.

IX895S**Replacement Tips 3/16" (5mm) Flared****IX896S****Replacement Tips 1/8" (3mm) Straight**

For use with IX825 and IX826. Sold in packs of 3.

**IX825****IX826****Posterior Band Remover (Long)**

Same features as the IX825 but with a longer removing arm.

Replacement tips are available.

IX895S**Replacement Tips 3/16" (5mm) Flared****IX896S****Replacement Tips 1/8" (3mm) Straight**

For use with IX825 and IX826. Sold in packs of 3.

**IX826****IX838****Posterior Band Remover Plier**

Features a barrel shaped push fit pad. The plastic tip rests on the occlusal surface, placing the removing tip perfectly to catch the gingival edge of the band.

Replacement tips are available.

IX838S**Replacement Push Tips 3/16" (5mm) Straight**

For use with IX838. Sold in packs of 10.

**IX838**

Utility Pliers



IX827

IX827

Direct Bond Remover (Straight)

Removes direct bond brackets safely and comfortably.

To remove the brackets, position the tips mesially-distally, or at the occlusal gingival interface, and apply force to the bracket-tooth interface.



IX828

IX828

Direct Bond Remover (Angled)

Same features as IX827 but with a 60° angle which allows easier access to those difficult to reach posterior areas.

To remove the brackets, position the tips mesially-distally, or at the occlusal gingival interface, and apply force to the bracket-tooth interface.



IX829

IX829

**Direct Bond Remover
with Hard Steel Inserts**

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 clockwise.

The inserted tips provides longevity.

Utility Pliers

IX820**Crimpable Archwire Hook Plier**

with Hard Steel Inserts

Designed to hold and place surgical ball hooks and auxiliaries.

The slotted tip holds auxiliaries securely to ensure effective crimping onto the archwire.

**IX820****IX834****Crimping Plier**

This instrument is specially designed for applying crimpable stops to archwires.

The hollow inside both sides of the tip perfectly holds the crimpable stop for effective application onto the archwire.

**IX834****IX835****Adhesive Removing Plier**

The vinyl tube rests on the occlusal/incisal surface of the tooth ensuring maximum patient comfort, while the sharp metal tip removes adhesive from the labial/buccal surface easily.

IX836

Replacement Metal Pad. Sold in packs of 2.

IX837

Replacement Vinyl Tube 150mm. Sold individually.

**IX835**

Utility Pliers



IX840

IX840

Small Adams Plier

with T.C. Inserts

Inserted tips with tungsten carbide coating provide excellent resistance to wear.

Square beak 1mm at tip and parallel at .045" opening.

Effective for wires up to:

.030" (.76mm).



IX841

IX841

Force Module Separator

Designed for easy placement of separating elastics.

The undercut of the tips prevent modules from slipping.



I have been using Ixion pliers for many years now, having made the decision to use them when I moved my hospital department over to a CSSD tray system. I based that decision on having been very impressed with the high quality of the instruments when compared with other instruments I have used over a long and busy clinical career.

I set very high standards in clinical matters and Ixion pliers do not disappoint in any way. In the time they have been in use, they have proved to be reliable and robust, and good value for money. They are well-designed and beautifully engineered from good quality steel, being both aesthetic and functional. If I had to re-stock my department, I would certainly order Ixion pliers again. I would highly recommend them to anyone.

Helen Taylor, Consultant Orthodontist, South Wales



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 manufactured to a perfect cone - .025" at the tip.

The pyramid beak is exactly .025" wide at the tip.

Also Available:**IX872****Bird Beak Plier**

with Hard Steel Inserts

Same features as IX810 with the addition Inserted Tips for superior control and durability.

The round beak is precisely shaped to a .025" cone

The pyramid beak measures .025" wide.

Ideal for round wires up to: .028" (.71mm).

**IX821****IX821****Long Beak Light Wire Plier**

Versatile plier for working with **round wire up to:** .020" (.51mm).

It has a similar design to the IX810, with longer beaks for making precision loops in light wires.

Wire Bending Pliers



IX711

IX711

Heavy Duty Bird Beak Plier

with Remanite Insert & T.C. Insert

This plier is ideal for the fabrication of labial and lingual arches, quad helix, and many other appliances.

This heavy duty bird beak plier has special inserted tips that bend wire up to 1mm

For use with wire up to: .040" (1mm).



IX807

IX807

Light Wire Plier

This popular design provides excellent grip and durability.

Tips bend archwires from:

.012" to .020" (.30mm - .51mm).



IX809

IX809

Light Wire Plier with Cutter

with Hard Steel Inserts

The loop forming and bending plier features durable inserted tips.

Round and square tips precisely bend archwires from:

.012" to .020" (.30mm - .51mm).

The base of the beak cuts archwires from:

.014" to .020" (.36mm - .51mm).

Wire Bending Pliers

IX811

Light Wire Contouring & Cutting Plier

Longer, more gradually tapered beaks than the IX809 make it easier to bend small diameter loops.

The precision tips contour loops and arches up to:

.021" x .025" (.55 x .64mm).

Built-in cutter trims wires from:

.014"-.020" (.36mm-.51mm).



IX811

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 roughened finish to prevent wire slippage.

Built in cutter allows wire to be cut from:

.014"-.020" wire (.36mm-.51mm).

For use with round and square wire up to:

.021 x .025" (.55mm x .64mm).



IX812

IX813

Tweed Arch Forming Plier

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

For use with wires up to:

.021" x .025" (.55 x .64mm).



IX813

Wire Bending Pliers



IX949

IX949
Slim Tweed Plier

The Slim Tweed Plier is designed for torquing and bending both square and rectangular wires.

It features very slim tips to allow excellent access even in lower anterior region.



IX814

IX814
O'Brien Loop Forming Plier

The perfect plier for making Bull, Omega and Closing loops.

For use with round & square wire up to:
.021 x .025" (.55 x .64mm).



IX871

IX871
Tweed Arch Forming Plier
with Remanite Inserts

Same features as IX813, with added remanite inserted tips; providing maximum wire control and improved grip.

Use for torquing and bending square or rectangular wires. Blades are designed to be parallel at .020" opening.

Wire Bending Pliers

IX830
Hollow Chop

Features tips to help create easy and precise adjustments of all types of loops, including palatal arches.

The Convex/Concave tips make reshaping simple and precise. Suitable for stainless steel and NiTi archwires.

**IX830****IX816**
3-Jaw Plier

Precision aligned tips are gently rounded for consistent contouring and bending without damaging the archwire. The one-piece construction of the double tip ensures superior strength.

For use with wire up to:
.030" (.76mm).

**IX816****IX819**
Small 3-Jaw Plier

This smaller version of the 3-Jaw Plier has slightly smaller tips for working with wire up to .020" (.51mm).

For use with wire up to:
.020" (.51mm).

**IX819**

Wire Bending Pliers



IX823

Fine 3-Jaw Plier

Same features as the IX816 with smaller tips, with gently rounded precision-aligned for consistent contouring and bending without damaging the archwire.

The one-piece double-tip construction ensures superior strength.

For working with wire 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.

For use with wires up to:

.021" x .025" (.55mm x .64mm).



IX815

Nance Plier

Precision loop forming with four step tips 3mm, 4mm, 5mm and 6mm.

All working edges are bevelled to prevent wire scoring.

Excellent for round and square wires up to:

.022" (.56mm).

Wire Bending Pliers

IX953**Cinch Back Plier**

The contoured lower tip of the Cinch Back Plier enables close access to the distal end of the buccal tube; creating a neat bend and improved patient comfort.

The serrated tips hold the wire securely while bending the wire 90° distal to the buccal tube.

Suitable for Nickel Titanium wires:

.012" - .018" (.30 x .46mm).



Scan
for video

Also Available:**IX954****Cinch Back (Large Wire) Plier**

The contoured lower tip of the Cinch Back Plier - Large Wire enables close access to the distal end of the buccal tube; creating a neat bend and improved patient comfort.

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

Suitable for wires from:

.016" (.41mm) up to .021" x .025" (.55 x .64mm).



Scan
for video



Wire Bending Pliers



IX831

Jarabak Plier with Groove

The IX831 Jarabak Plier is designed for creating precise bends, loops, and right angles in orthodontic wires.

Its fine, serrated tips provide a secure grip, making it ideal for intricate wire adjustments.



IX832

V Bend Plier

Creates 1mm V bends in archwires to prevent archwire movement. Durable Remanite tip provides longevity.

For use with NiTi wire up to .018 (46mm)

.018" (.46mm).



Scan
for video



IX873

Torquing Plier Set

with Remanite Inserts

The torquing plier set allows the accurate addition of torque to square/rectangular archwires. Both male and female parts have hard wearing inserted tips.



Scan
for video

IX975 (0.75mm Step)
Intra Oral Detailing Plier

with Hard Steel Inserts

Allows .029" (.75mm) first and second order bends to be created intraorally, quickly and accurately without the need for removing the archwire. The double-sided head of the instrument has been specially designed to enable intra-oral steps to be created, even interproximally between lingual brackets where the space is often very limited.

Suitable for wires up to:
 .018" x.018" (0.46 x 0.46mm).



Scan
 for video



IX975

IX976 (0.5mm Step)
Intra Oral Detailing Plier

with Hard Steel Inserts

Designed to create .020" (.5mm) first and second order bends intra-orally, quickly and accurately without the need for removing the archwire. The double-sided head of the instrument has been specially designed to create intraoral steps - even interproximally between lingual brackets, where the space is often very limited.

Suitable for wires up to:
 .018" x.018" (0.46 x 0.46mm).



Scan
 for video



IX976

IX980 (1mm Step)
Intra Oral Detailing Plier

with Hard Steel Inserts

The Intraoral detailing pliers are designed to create first and second order bends intra orally.

The double-sided head of the instrument has been specially designed to enable intra-oral steps to be created, even interproximally between lingual brackets.

Suitable for wires up to:
 .019" x.025" (0.48 x 0.64mm).



IX980

IX975, IX976 & IX980 can all be used lingually.



IX860
Fine Tip Mathieu Needle Holder

Versatile plier for working with round wire up to:
.020" (.51mm).



IX862
Mathieu Needle Holder

Sturdy, rounded tips designed for twisting ligature wire.



IX861
Mathieu Needle Holder
with T.C. Inserts

Same features as IX862 but with tungsten carbide
Inserts to ensure durability.

Hand Instruments

IX863**Smaha (Straight)**

This instrument is designed for the precise placement of elastomeric ligatures. Its fine tips provide excellent access while ensuring patient comfort.

The handle features a spring mechanism to reduce hand fatigue for practitioners.



Scan
for video

**IX863****IX855****Mosquito Forceps**

These forceps ensure precise placement of elastic modules. With fine serrated tips, they provide a secure grip for orthodontic and delicate surgical procedures.

**IX855****IX845****Mershon Band Pusher**

Stainless steel serrated tip for positive control. Features a small rounded handle.

**IX845**



IX630

Direct Bond Holder with Positioning Blade

The spring-loaded reverse action securely holds brackets until release.

A positioning blade ensures precise final bracket slot alignment, while the 90° angled tip edge enhances accessibility and control during placement.



IX631

Deluxe Direct Bond Holder

Same high-quality finish as the IX630, with the addition of fine tips for easy placement of brackets and attachments.

The positioning blade helps with bracket slot alignment.



IX632

Lingual Bracket and Bondable Tube Holder

Reverse action tube placer designed for placing bondable tubes, lingual brackets and attachments.

The curved design allows placement with an unobstructed view.

Hand Instruments

IX633**Curved Bracket Holder**

Designed for placement of lingual brackets and attachments.

Serrated tips provide excellent grip.

**IX633****IX850****Direct Bond Holder**

The spring-loaded reverse action securely holds brackets until release.

A positioning blade ensures precise final bracket slot alignment, while the 45° angled tip enhances accessibility and control during placement.

**IX850**

I have used Ixion orthodontic instruments for approximately many years now. Without question, they offer unparalleled quality compared to all other orthodontic instruments on the market today. The workmanship that goes into every instrument is outstanding and is guaranteed for five years!

A reliable, smooth closing action is produced as each instrument incorporates a box joint that ensures the tips align perfectly without any rocking. Along with the elegant rounded finish, this makes using Ixion instruments a pleasurable and comfortable experience – for both patient and orthodontist.

When it comes to choosing your orthodontic instruments, there can only be one choice – Ixion.

Richard Needham, Consultant Orthodontist, Manchester





IX650

IX650
Probe Single Ended

This multifunctional instrument is ideal for a range of applications.

The ergonomically designed handles provide maximum comfort and optimal performance.



IX651

IX651
Probe Double Ended

This multifunctional instrument is ideal for a range of applications.

Featuring a precision-manufactured tip and an ergonomically shaped handle for enhanced grip and comfort.



IX652

IX652
Ligature Tucker

Designed for tucking ligatures.

Hand Instruments

IX653**Mitchell Trimmer**

The Mitchell Trimmer is widely used across various specialties.

The ergonomic design ensures maximum comfort and precision, while the satin finish eliminates glare.

**IX653****IX656****Cement Spatula**

This double-sided mixing spatula is designed for mixing cement, or composite, and is ideal for placing cement in preformed bands.

**IX656****IX657****Flat Plastic**

Used to apply and shape adhesive during brackets bond up.

**IX657**



IX650

IX650
Probe Single Ended

This multifunctional instrument is ideal for a range of applications.

The ergonomically designed handles provide maximum comfort and optimal performance.



IX651

IX651
Probe Double Ended

This multifunctional instrument is ideal for a range of applications.

Featuring a precision-manufactured tip and an ergonomically shaped handle for enhanced grip and comfort.



IX652

IX652
Ligature Tucker

Designed for tucking ligatures.

Hand Instruments

IX653**Mitchell Trimmer**

The Mitchell Trimmer is widely used across various specialties.

The ergonomic design ensures maximum comfort and precision, while the satin finish eliminates glare.

**IX653****IX656****Cement Spatula**

This double-sided mixing spatula is designed for mixing cement, or composite, and is ideal for placing cement in preformed bands.

**IX656****IX657****Flat Plastic**

Used to apply and shape adhesive during brackets bond up.

**IX657**

Hand Instruments



IX654 - IX655

IX654

Mirror Handle

The ergonomically shaped mirror handle design incorporates a smooth handle for optimal grip and maximum comfort, and the balanced weight provides a solid feel.

IX655

Mirror Heads

The mirror head provides accurate, high-clarity reflections without double images, ensuring excellent intraoral visibility. Designed for compatibility with the Ixon mirror handle, these mirror heads are sold in packs of 12.



IX866 / IX867

IX866

**Bracket Height Gauge
3.5mm-5mm .018**

IX866 For precise bracket positioning of:
.018 brackets.

IX867

**Bracket Height Gauge
3.5mm-5mm .022**

IX867 For precise bracket positioning of:
.022 brackets.



I recommend the IX975 and IX976 Intra Oral Detailing Pliers - they are precise, well-designed pliers for creating first and second order bends intraorally. Fabulous at slight intrusion or extrusion bends for minor levelling discrepancies without having to replace the bracket.

They are effective even in tight spaces between lingual brackets. Quick, accurate, and no need to remove the wire - superb!

David Waring, Consultant Orthodontist, Manchester



Lingual Instruments

IX958
Flush Cut Distal End Cutter

with T.C. Inserts

The flush cut feature of this Distal End Cutter allows the archwire to be cut flush to the buccal tube, reducing the likelihood of patient discomfort from archwire protrusion. The Tungsten Carbide inserted tips ensure precision and perfect tip alignment.

Minimum Cutting Capacity:

.016 (.41mm)

Maximum Cutting Capacity:

Archwires up to .021" x .025" (.55 x .64mm)

*Not recommended for Beta Titanium wires.

IX958s
Flush Cut Distal End Cutter Small

with T.C. Inserts

Same features as IX958, but with smaller head designed for smaller wires.

Minimum Cutting Capacity:

Archwires from .012" (.30mm).

Maximum Cutting Capacity:

Archwires up to .016 x .025" (.41 x .64mm).

IX959
Long Handled Distal End Cutter

with T.C. Inserts

Long handles, a slim box joint, and a compact head provides easy access in hard to reach areas. Tungsten Carbide inserts ensure durability. Features safety hold.

Minimum Cutting Capacity:

Archwires from .012" (.30mm)

Maximum Cutting Capacity:

Archwires up to .018 x .025" (.46 x .64mm)



Lingual Instruments



IX956

IX956

Mini Ligature Cutter 50° Angle Upper

with Remanite Inserts

The narrow tip is angled at 50° for excellent access to the upper arch.

The Remanite inserted tips ensure precision cutting of ligature wires.

Maximum Cutting Capacity:

Soft wire up to .012" (.30mm).



IX950

IX950

Weingart 60° Angle

The Weingart Plier is the perfect utility instrument for wire placement and removal and is available in a variety of sizes to suit your personal preference.

The small serrated tips of the IX950 are angled at 60°, giving easy access in the posterior region.

For use on wires up to:

.018 (.46mm).



IX952

IX952

Stepped Tweed Arch Plier

The Stepped Tweed Arch Plier is designed for torquing and bending both square and rectangular wires.

It features fine tips to allow excellent access even in lower anterior region.

Lingual Instruments

IX940**Lingual Curved Smaha**

The Smaha Curved has fine curved tips for excellent placing of elastomerics to lingual brackets.

**IX940****IX941****Lingual Curved Micro Mosquito**

Ultra-fine curved serrated tips and positive locking deliver reliable performance, making it ideal for placing elastic ligatures in hard-to-reach areas with precision.

**IX941****IX955****Bracket Removing Plier**

The narrow tips of the Bracket Removing Plier wedge between the edges of the bracket base and tooth surface to remove all ceramic and stainless steel direct bond brackets safely and comfortably.

**IX955**

Laboratory Pliers



IX164

Adams Plier

with Hard Steel Inserts

Inserted tips have a high resistance to deformation or wear under consistent use, providing continued accuracy and precision during appliance construction.

Bends hard wire up to:

.039" (1.00mm) max.



IX165

Spring Former Plier

with Remanite Insert & T.C. Insert

Perfectly machined to produce accurate coil springs. The inserted tips provide added durability.

Bends hard wire up to:

0.28" (0.7mm) max.



IX700

Universal General Use Plier

Both tips are serrated.

Bends hardwire up to:

.039" (1.0mm) max.

Cuts hardwire up to:

.028" (0.7mm) max.

Laboratory Pliers

IX702

Three Jaw Plier

The Three Jaw ensures a secure grip on wires, facilitating precise adjustments.

Crafted from high-quality stainless steel for durability and corrosion resistance

For hardwire up to:

.039" (1mm) max.



IX702

IX703

Young Plier

For labial, lingual, arches and canine loops.

For hard wire up to:

.039" (1mm) max.



IX703

IX705

Universal Lingual Arch Plier

Grooved to hold all larger wire sizes, jaw width is .12" (3.05mm). Also ideal for double and triple back bends.

Bends round, square and rectangular wires up to:

.036" (0.9mm) max.



IX705

Laboratory Pliers & Racks



IX708

IX708
Optical Plier

Ideal for intricate wire bending tasks, to allow precise adjustments with ease.

For hard wire up to
.028" (0.7mm) max.



IX101 / IX102 / IX103

IX101
Small Rack

IX102
Medium Rack

IX103
Large Rack

Autoclavable Stainless Steel Rack.
Fits up to 8/12/22 Pliers. Sizes below:

- S** 110mm in Length x 120mm in Height.
- M** 155mm in Length x 120mm in Height.
- L** 310mm in Length x 120mm in Height.



A



B

DB04-0000/1 & 0000

DB04-0000/1
Clear Instrument Rack - A

Can fit up to 15 pliers.

DB04-0000
Round Instrument Holder - B

Store pliers and hand instruments securely.



Precision that lasts: Why Ixion Instruments are the Preferred Choice for Orthodontists & Dental Professionals worldwide.

In orthodontics, every millimetre matters - and this is no better demonstrated than in Ixion Instruments. Trusted by orthodontic professionals around the world for more than 20 years, Ixion sets the standard for instrument quality, longevity, and performance.

From their ultra-sharp cutters to perfectly balanced pliers, Ixion instruments are designed to deliver smooth, effortless control and a lifetime of reliability. Made from German surgical stainless steel, each instrument is individually inspected by DB Orthodontics' Quality Assurance team - ensuring only the very best reach your clinic.

Discover the full Ixion range and sharpening service early: Register now to speak with one of our Ixion specialists, learn how to extend the life of your instruments, or arrange a visit to your practice.

A Sharper Edge - Cut After Cut

One of the standout advantages of investing in Ixion is the DB Orthodontics Sharpening and Refurbishment Service. This exclusive service allows clinicians to send in their used cutting instruments for professional sharpening and reconditioning - giving them a new lease of life and maintaining that unmistakable Ixion performance.

Each instrument is returned with the precision, smoothness, and cutting efficiency you expect from a brand-new tool. For clinicians, it's a cost-effective and sustainable way to maintain premium performance without constant replacement.

Warranty You Can Trust

Ixion's commitment to excellence extends beyond craftsmanship. Cutting instruments are warranted for seven years against defects, with cutting performance guaranteed for one year. Utility instruments carry a ten-year warranty.

Regular sharpening and maintenance are not covered - but thanks to the sharpening service, clinicians can keep their tools in peak condition for decades. All cutters clearly show maximum and minimum wire size to prevent misuse - promoting safety, consistency, and confidence in every procedure.



A great advantage of being an Ixion customer is that the team offer a sharpening service which in effect gives you an almost brand-new instrument.

The box joint is so precisely designed you get a smooth action every time. They're a pleasure to use, streamlined, and reliable."

**Award-winning Orthodontist,
Dr Ektor Grammatopoulos**



Scan here to view more of
Ixion's features and benefits.



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