

ixion[™]
Instruments

***laboratory
series***





*Providing
the
Highest
Quality
Precision
Instruments
to the
profession.*

All ixion[™] instruments are made from **German Surgical Stainless Steel** with a beautiful satin finish.

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

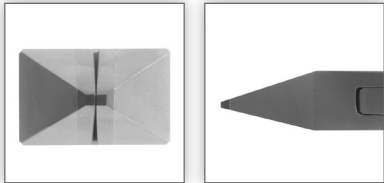
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ix164
Adams Plier

T.C. inserted tips.

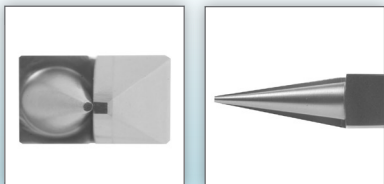
Bends hard wire upto 1.00mm / .039" max.



ix165
Spring Former Plier

T.C. inserted tips.

Bends hard wire upto 0.7mm / 0.28" max.

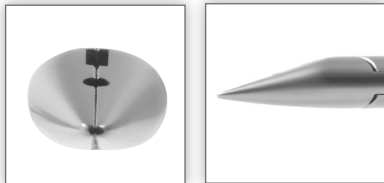


ix700
**Universal General
Use Plier**

Stainless steel.

Bends hardwire upto 1.0mm/.039" max.

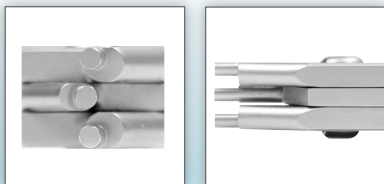
Cuts hardwire upto 0.7mm/.028" max.



ix701
Three Jaw Plier

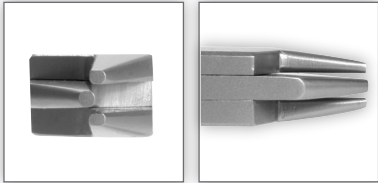
Heavy duty 3 jaw plier, does not score wire.

For hardwire upto 1.5mm/0.59" max.



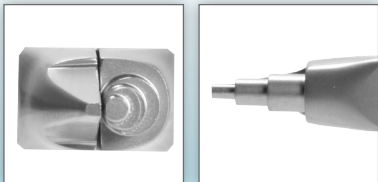
ix702
Three Jaw Plier

For hardwire up to 0.6mm/0.24" max.



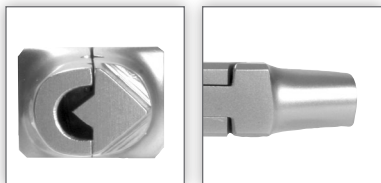
ix703
Young Plier

For labial arches and canine loops.
For hardwire upto 0.7mm/.028" max.



ix704 Swartz Plier

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



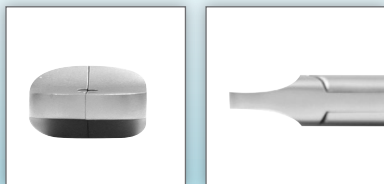
ix705 Lingual Arch Bending Plier

For forming of all lingual retainers.

Grooved to hold all larger wire sizes, jaw width is 3.05mm/0.120".

Also ideal for double and triple back bends.

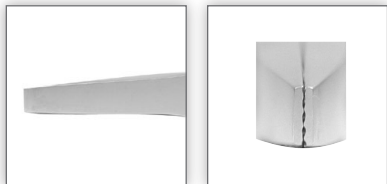
Bends round, square and rectangular wires up to 0.91mm/0.36" max.



ix706
Flat Nose Plier

Both Tips serrated.

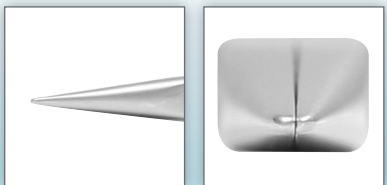
For use with wire upto 0.9mm / .036" max.



ix707
Conical Flat Nose Plier

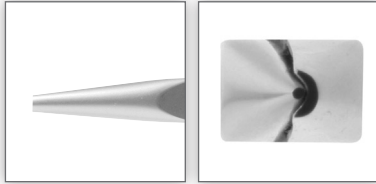
One tip serrated. One tip smooth.

For use with wire upto 0.7mm. / .028" max.



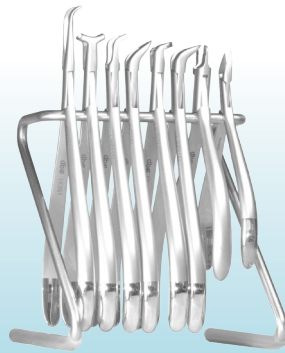
ix708
Optical Plier

For hardwire upto 0.7mm/.028" max.



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

ix870
Serrated Scissors

Stainless steel with serrated tips.
Ideal for cutting stainless steel
tape, bands and ligatures.
Soft wire .06mm / 0.24" max.
Tape .035mm / 0.14" max.



ix880
Plaster Knife



ix881
Small Wax Knife



ix882
Large Wax Knife



Instrument Code Rings

Designed to fit orthodontic plier handles, scalars, band seaters, hemostats and other orthodontic instruments.

Made out of high temperature silicone that can withstand repeated autoclaving and heat sterilizations up to 370 degrees.

Available in packs of 100.



Blue	ixl10
Green	ixl11
Purple	ixl12
Red	ixl13
Black	ixl14
Orange	ixl15
Pink	ixl16
White	ixl17
Tan	ixl18
Yellow	ixl19
Brown	ixl20
Dark Grey	ixl21
Mixed	ixl22

ixO10 Ixion Oil

Specially formulated for orthodontic instruments.

Will withstand temperatures of up to 160°C.

Supplied with easy to use dispensing nozzle.

Size 100ml.



Recommended washing, handling and sterilization instructions for Ixion™ Instruments

Instruments are not sterile upon receipt and must be sterilized before use in accordance with the following instructions.

Remove all packaging prior to cleaning and sterilization.

Alkaline and acidic detergents can cause damage to the instruments.

Always use a pH neutral detergent or solution.

Do not exceed 160 °C.

Cleaning Instructions

Remove any excess oil with a disposable paper towel.

Manual

Brush using a neutral cleaning agent and ensure that the instrument is cleaned thoroughly on all surfaces and joints. Rinse under clean running water for 3 minutes. Repeat full process if necessary. Dry using a paper towel.

Automatic

Use only validated washing machines (HTM 2030 - UK only) and validated cleaning agents suitable for the instruments and washing machine.

When removing the instruments from the washing machines please check for cleanliness and repeat the cycle if necessary. Check for any damage or corrosion. Cutting edges should be free of defects and ensure that detachable tips are secure. Always lubricate joints and hinges before sterilization.

Please Note: Instruments left standing wet may corrode!

Dry using a paper towel or dry heat not exceeding 160°C.

Sterilization

Instruments should be loaded into perforated instrument trays or general purpose sterilization trays ensuring the cutting edges are not in contact with the trays to avoid damaging the cutting surfaces. When sterilizing more than one instrument care should be taken to prevent the instruments from touching as this may cause damage or corrosion.

The UK Department of Health recommends that validated, pre-vacuum autoclaves are used for sterilizing wrapped instruments. Autoclaves drawing only a post sterilization vacuum for drying purposes are not suitable for processing wrapped instruments.

Use only validated vacuum autoclaves (HTM 2010 - UK only). Do not exceed 160°C. Do not exceed the manufacturers stated maximum load.

Additional information

Validated ultrasonic baths may be used with validated cleaning agents. Follow instructions for use issued by the equipment and cleaning agent manufacturer.

It remains the responsibility of the reprocessor to ensure that the reprocessing has actually achieved the desired result. This normally requires validation and routine monitoring of the process. Any deviation by the reprocessor from these instructions should be properly evaluated for effectiveness.

Warranty & Repair

Ixion Instruments are warranted to be free of defects in material and workmanship for 5 years.

DBO will sharpen free of charge within 90 days of purchase any cutter which fails to cut the intended wire size.

Mis-use, abuse or failure to maintain or care for instruments properly will void warranty claims. DBO's sole responsibility will be, at it's own discretion, to repair, replace or credit the instrument in the event of any claimed defects.

Adherence to recommended cleaning, sterilization and lubrication practices will help ensure optimum instrument performance. Cutting instruments that are used frequently should be reconditioned every six to nine months. Joints should be lubricated with a medical grade lubricant always after sterilization.

Warranty does not cover routine maintenance, sharpening or reconditioning.

Warranty claims or service request should be forwarded to your distributor.

Contact

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Orthodontic Catalogue Available Now



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Lingual Orthodontic Instruments.
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Please visit www.ixion-instruments.com
for an upto date list of our distributors



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