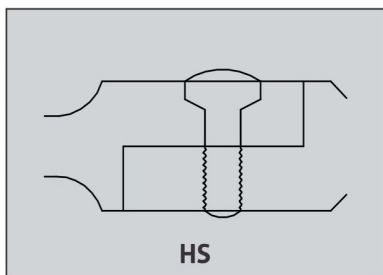




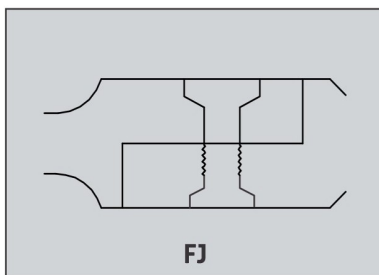
## Orthodontic

Wire Bends.....	G-2	Crimping & Bending Pliers.....	G-14
Cutters.....	G-3	Cutters & Pliers.....	G-15
Utility Pliers.....	G-6	Replacements & Pliers Stands.....	G-16
Banding Pliers.....	G-7	Band Pushers.....	G-17
Bracket Removing & Bending Pliers..	G-8	Bracket Instruments.....	G-18
Bending & Arch Forming Pliers.....	G-10	Ligating Instruments.....	G-19

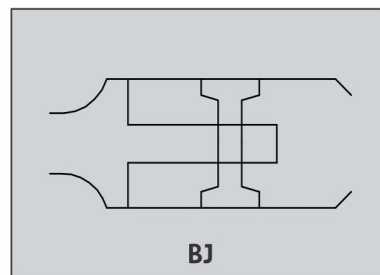
## Joint Systems



Two pieces joint with  
hex. socket head screw

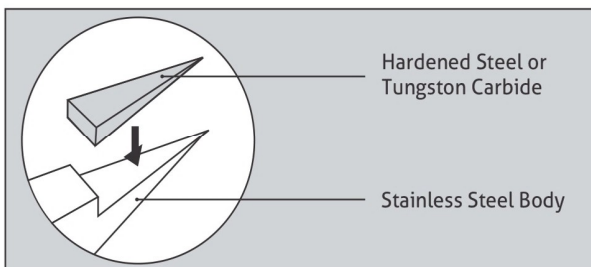


Two pieces joint (Fixed Joint)



Three pieces joint (Box Joint)

## Inserted Products



- Non inserted products are shown without this circled illustration.

## Materials

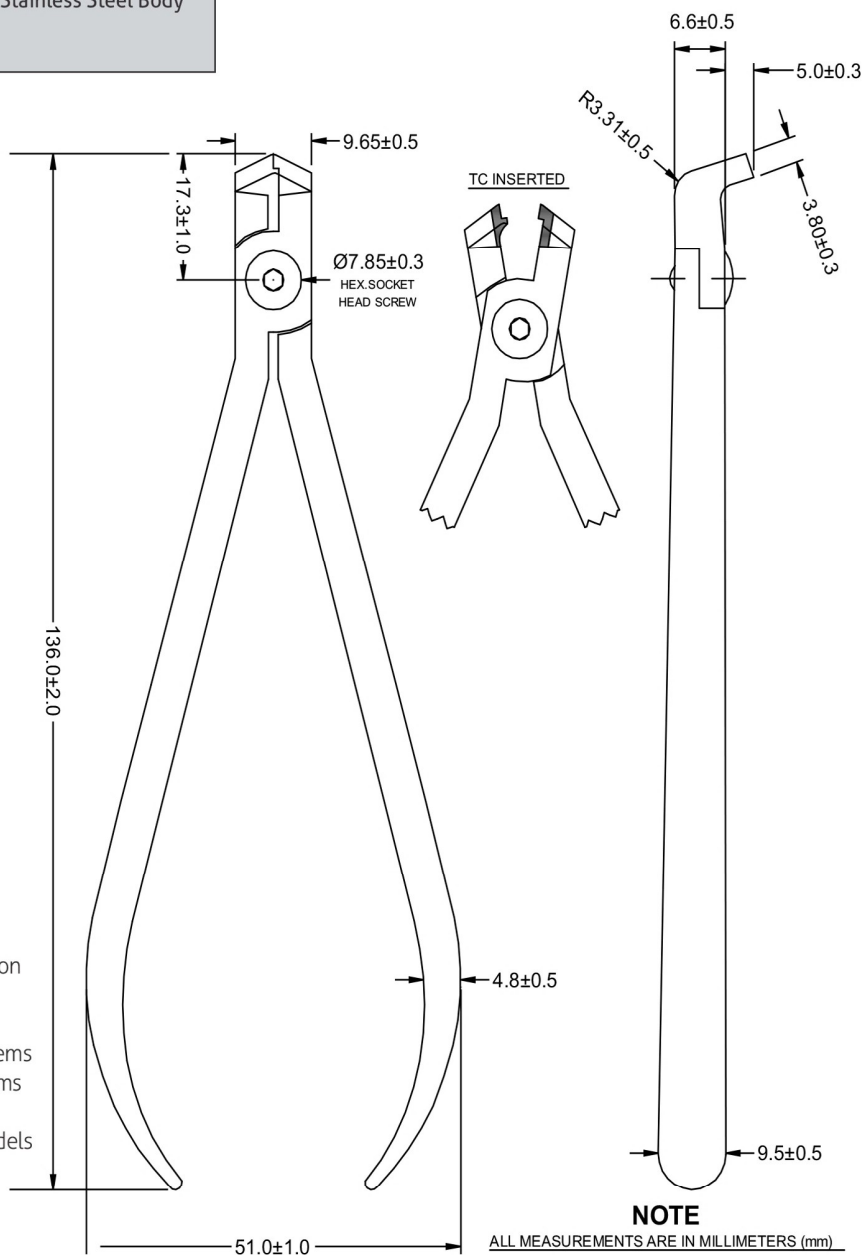
Only High Quality Medical Grade Stainless Steel of Series 400 is used in the construction of our Orthodontic Instruments. The materials like Tungsten Carbide or Special Hardened Steel may also be used in the mouthparts where necessary keeping in view the intended use of instrument.

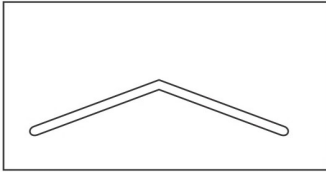
## Assurance of Consistent Quality

Technical AutoCAD Drawings are always made before production of each instrument with minimal possible tolerances as per DIN norms. Also, Go/No Go Gauges are made through CNC machines which are used throughout production processes. This ensures the consistency in the quality of our instruments on permanent basis.

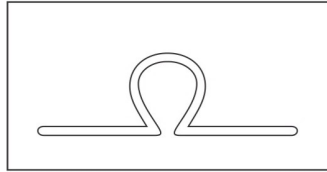
## Other Features

- › Brilliant smooth satin finish reduces light reflection
- › No sharp edges. All edges are precisely rounded
- › No corrosion at all
- › Each model available in three types of joint systems
- › Laser engraved with the applicable wire minimums and maximums
- › Customization: Capable to make customized models

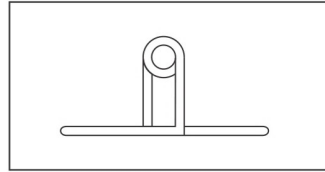




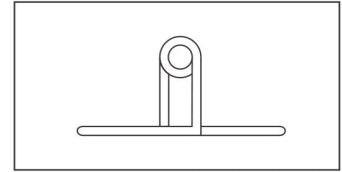
Three Jaw Pliers  
**3430-11**



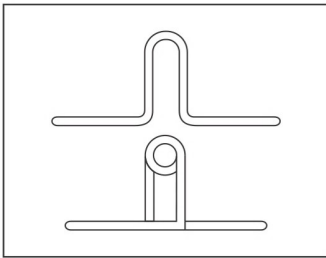
Omega Loop Forming Pliers  
**3444-13**



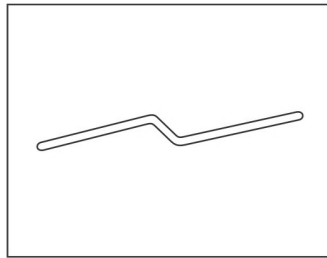
Bird Beak Pliers  
**3426-11**



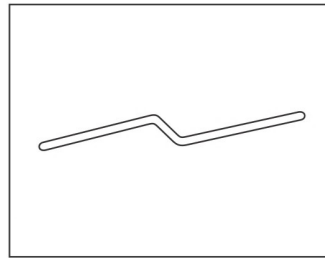
Light Wire Bird Beak Pliers  
with and without Groove  
**3429-11 & 3429-13**



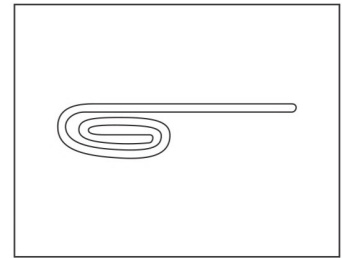
Tweed Loop Forming Pliers  
**3444-11**



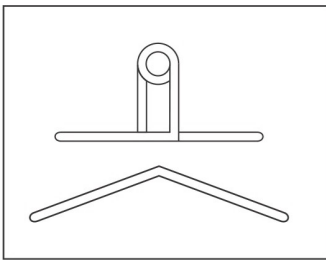
Tweed Arch Bending Pliers  
**3442-11**



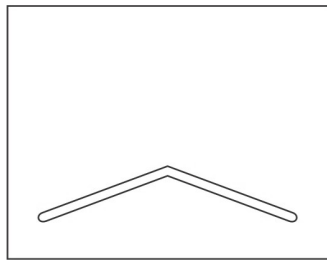
Rectangular Arch Bending Pliers  
**3441-18**



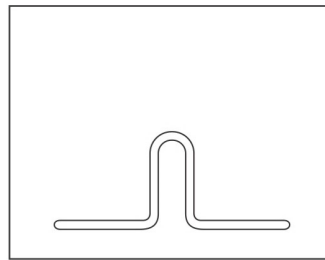
Lingual Arch Forming Pliers  
**3443-11**



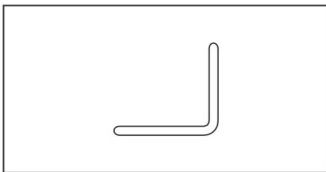
Young Loop Forming Pliers  
**3444-15**



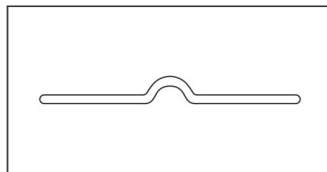
Three Jaw Pliers Aderer  
**3431-11**



Nance Loop Forming Pliers  
**3435-11**



Adams Pliers  
**3427-18 & 3427-20**



V-Stop Pliers  
**3434-11**



3410-18

**Distal End Cutter, Safety Hold**

The universal standard size model cuts hardwire and then safety holds the loose distal end to prevent wire from going into tissue.

- Rectangular wires up to .022"x .028" (.55 mm x .71mm)
- Round wires up to .020" (.50mm)
- ⚙ Braided wires up to .016" (.40mm)



3410-20

**Mini Distal End Cutter, Safety Hold**

Compact Model for easier access.

Designed to cut hardwire and then safety holds the loose distal end to prevent wire from going into tissue.

- Rectangular wires up to .022"x .028" (.55 mm x .71mm)
- Round wires up to .020" (.50mm)
- ⚙ Braided wires up to .016" (.40mm)



3410-22

**Distal End Cutter, Flush Cut with Safety Hold**

Assures arch wire is cut flush with the end of buccal tube.

Safety hold design is ideal for securely holding and catching the distal ends.

A perfect model for intraoral cutting and lip safety.

- Rectangular wires up to or .018" x .022" (.45mm x .55mm)
- Round wires up to .020" (.50 mm)



3410-26

**Mini Distal End Cutter, Safety Hold With Long Handle**

The compact model with long handle is designed for easier access and better control

- Rectangular wires up to .022"x .028" (.55 mm x .71mm)
- Round wires up to .020" (.50mm)
- ⚙ Braided wires up to .016" (.40mm)



3410-24

**Distal End Cutter, Safety Hold With Long Handle**

The standard cutter but with long handle design allows better control behind second molars also results in less force to cut

- Rectangular wires up to .022"x .028" (.55 mm x .71mm)
- Round wires up to .020" (.50mm)
- ⚙ Braided wires up to .016" (.40mm)





3411-18  
3411-20  
3411-22

**Straight**  
7°  
15°

### Pin & Ligature Cutter

Designed to cut soft wires, elastic ligatures and pins up to .016" (.40 mm). These cutters are available in straight or angled, most commonly with a 7° or 15° angle, tapered for difficult to reach areas.



3411-24  
3411-26  
3411-28

**Straight**  
7°  
15°

### Mini Pin & Ligature Cutter

Fine tips are designed to easily access hard to reach areas. Designed to cut soft wires, elastic ligatures and pins up to .016" (.40 mm). These cutters are available in straight or angled, most commonly with a 7° or 15° angle, tapered for difficult to reach areas.



3411-30  
3411-32  
3411-34

**Straight**  
7°  
15°

### Micro Mini Pin & Ligature Cutter

Delicate and compact tips are designed for easier access to difficult areas and tight inter bracket areas. Designed to cut soft wires, elastic ligatures and pins up to .012" (.30 mm). These cutters are available in straight or angled, most commonly with a 7° or 15° angle, tapered for difficult to reach areas.



3411-36  
3411-38

**Straight**  
15°

### Pin and Ligature Cutter

Designed to cut soft wire pins and ligature wires up to .012" (.30 mm). The slim profile is a plus in difficult to access areas. Cutting edge length 0.50" (12.67 mm).



3412-18

**45°**

### 45° Ligature Cutter

Designed to cut soft wires up to .015" (.38 mm)



3413-18  
3413-20

**Straight**  
15°

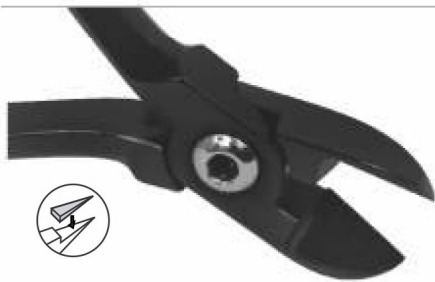
### Hard Wire Cutter

The standard size cutter is designed to cut all sizes and types of arch wires. Available in straight and 15° angle to give better access

- Rectangular wires up to .022" to .028"
- Round wires up to .020"



# Orthodontic Cutters



3413-18B  
3413-20B

**Straight  
15°**

**Hard Wire Cutter Black**

The standard size cutter is designed to cut all sizes and types of arch wires. Available in straight and 15° angle to give better access

- Rectangular wires up to .022" to .028"
- Round wires up to .020"



3414-11

**Heavy Duty Wire Cutter**

Designed to cut wires up to 1.3mm arch wires.



3414-18

**Heavy Duty Wire Cutter**

Designed to cut wires up to 1.3mm arch wires.



3414-20

**Heavy Duty Wire Cutter**

Designed to cut wires up to 1.3mm arch wires.



**3415-11 2.0mm**

### How Plier Straight

How Plier is multi functional useful tool tips are designed for superior arch wire gripping. The mouthpart is fitted with serrated Tungsten Carbide tips for a firm and secure gripping. The tips are gently rounded and bowed to ensure lips and tissues safety.



**3415-13 3.0mm**

### How Plier Straight

How Plier is multi functional useful tool tips are designed for superior arch wire gripping. The mouthpart is fitted with serrated Tungsten Carbide tips for a firm and secure gripping. The tips are gently rounded and bowed to ensure lips and tissues safety.



**3415-15 2.0mm  
3415-17 3.0mm**

### How Plier, Curved

How Plier is multi functional useful tool tips are designed for superior arch wire gripping. The mouthpart is fitted with serrated Tungsten Carbide tips for a firm and secure gripping. The tips are gently rounded and bowed to ensure lips and tissues safety.



**3416-18**

### Weingart Plier

A general utility plier designed with Tungsten Carbide serrated tips to provide maximum wire control and gripping. Precisely tapered and gently rounded beaks fits easily into hard to reach areas with safety and comfort. Square and rectangular wires up to .022" X .028" (.56 X .71 mm).



**3416-20**

### Wiengart Plier Long

A general utility plier designed with Tungsten Carbide serrated tips to provide maximum wire control and gripping. Precisely tapered and gently rounded beaks fits easily into hard to reach areas with safety and comfort. Square and rectangular wires up to .022" X .028" (.56 X .71 mm).



**3416-22**

### Weingart Plier, Slim Model

This compact and slim model with Tungsten Carbide serrated tips to provide maximum wire control and gripping. Precisely tapered (20°) and gently rounded beaks offer more access to hard to reach areas and stronger gripping and control.



# Orthodontic Banding Pliers



**3417-11**

### Band Crimping Plier

This plier is designed to crimp the gingival margin of stainless steel and temporary crown. Thin tips allow for easy access into molar and premolar bands.



**3418-18**

### Crown & Band Contouring Plier

Ideal for reshaping molar bands and crowns.



**3419-18**

### Posterior Band Removing Plier Short

Safely and quickly removes posterior bands with patient comfort. The Teflon pad of 5mm (3/16") rests on the occlusal surface of the molar due to which the pointed tip is placed in perfect position to catch the edge of the band for an easy and gentle removal.



**3419-20**

### Posterior Band Removing Plier Long

This instrument is designed with longer band removing arm to safely and quickly removes posterior bands with patient comfort. The Teflon pad of 5mm (3/16") rests on the occlusal surface of the molar due to which the pointed tip is placed in perfect position to catch the edge of the band for an easy and gentle removal.



**3419-22**

### Posterior Band Removing Plier

This instrument is designed to safely and quickly removes posterior bands with patient comfort. The Teflon pad of 5mm (3/16") rests on the occlusal surface of the molar due to which the pointed tip is placed in perfect position to catch the edge of the band for an easy and gentle removal.



**3418-18**

### Adhesive Removing Pliers

Designed with a reversible, replaceable blade that is used to remove the bulk of composite material after debonding brackets and attachments. These pliers come with a 3/16" (4.76 mm) pad already loaded in the working end and an extra 1/4" (6.35 mm) pad for trial purposes. Replacement pads can be re-ordered as needed.





**3421-18**

### Bracket Removing Plier

Designed for effective anterior and posterior removal of all bracket types – stainless steel, ceramic, and plastic brackets.



**3422-18**

### Direct Bond Bracket Remover Angled

Designed to quickly and safely remove all bonded attachments. The 60° angled tip allows for easy access to difficult anterior and posterior areas.



**3423-11**

### Direct Bracket Removing Plier with Grooves

Works well for steel, ceramic and plastic brackets of all types.



**3424-18**

### Bracket Removing Plier

Designed for effective anterior and posterior removal of all bracket types – stainless steel, ceramic, and plastic brackets.



**3425-11**

### Debonding Plier

This Plier is designed for a closed profile to be formed around the bar and then removed by releasing the magnetic clasp, pivoting the bar outward and easily sliding.



**3426-11**

### Bird Beak Plier

The most popular and versatile plier with round and pyramid shaped tapered beaks designed for all types of wire bending up to .030" (0.76 mm).



# Orthodontic Bending Pliers



**3426-13**

### Light Wire Bird Beak Plier

A longer cone than a standard bird beak is useful for forming precise loops in light wire. Wire size:  $\leq .020"$  (.51 mm)



**3426-18**

### Bird Beak Plier With Cutter

Designed for smooth bending surfaces for a range of loop sizes while providing a sharp blade for cutting. Cuts up to  $.021" \times .025"$  (.53 mm  $\times$  .64 mm).



**3427-18**

### Adams Plier

Ideal for placing all types of attachments, adjustment of orthodontic appliances and bending wires up to  $.040"$  (1.0 mm).



**3427-20**

### Adams Plier Heavy Duty

Ideal for placing all types of attachments, adjustment of orthodontic appliances and bending wires up to  $.040"$  (1.0 mm).



**3428-11**

### Jarabak Plier

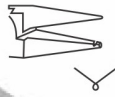
Designed to be a versatile light wire bending plier with grooves that assist with precise bending and closing of loops. The serrated surface grips wires up to  $.020"$  (.51 mm).



**3429-11**

### Light Wire Plier

A longer cone than a standard bird beak is useful for forming precise loops in light wires up to  $.020"$  (.51 mm).



**3429-13**

### Light Wire Plier with Groove

A longer cone than a standard bird beak is useful for forming precise loops in light wire. The groove allows for locating and duplicating loops.  
Wires up to .020" (.51 mm).



**3430-11**

### Three Jaw Plier

Useful for contouring and bending wires up to .030" (.76 mm)



**3431-11**

### Three Jaw Plier Aderer

Designed for the forming and contouring of all arch wires, especially for nickel titanium wires up to .020" (.51 mm).

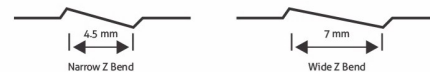


**3432-18**  
**3432-20**

**Narrow**  
**Wide**

### Z Bend Plier

Designed to put a Z Bend Root Tip Back Bend (with one easy squeeze) in the Archwire without removing the Archwire.



**3433-18**  
**3433-20**  
**3433-22**  
**3433-24**

**0.25mm**  
**0.50mm**  
**0.75mm**  
**1.00mm**

### Detailing Step Plier

Step Pliers allow clinicians to easily create z-bends (bayonet bends) in one, simple step by using a gentle squeeze of the plier handles. Can be used intra-orally without removing archwire.



**3434-18**

### Stop (V-Bend) Plier

Places a V-Bend in archwires, including nickel titanium, to prevent the archwire from traveling. Wires up to .021" x .025" (.53 mm x .64 mm).





# Orthodontic Bending & Forming Pliers



**3435-11**

### Nance Loop Forming Plier

For precise forming of loops in four lengths: 3, 4, 5 and 6 mm. Groove at base helps in closing loops. Beaks are Parallel at .020" opening wires size up to .022" (.53 mm).



**3436-11**

### Clasp Bending Loop Closing Forming Plier

This Plier is designed for a closed profile to be formed around the bar and then removed by releasing the magnetic clasp, pivoting the bar outward, and easily sliding.



**3437-11**

### De-La Rosa Plier

It is designed with precisely matched concave and convex tips for smooth contouring of light wire loops. Contours and forms arches without torquing with additional grooves measuring .016" (.41mm), .018" (.46mm) and .022" (.56mm) respectively



**3438-11**

### Hollow Chop Contouring Plier

Perfect for subtle contouring of arch wires up to .030" (.76 mm).



**3439-11**

### Arch Forming Plier with Grooves

Grooves are of .016", .018", .020" (.040 mm, .045 mm, .050 mm)



**3440-11**

### Rectangular Arch Forming Plier

Designed for placing first, second, and third order bends up to .070" (1.78 mm) blade width and on wires up to .021" x .025" (.53 mm x .64 mm). Beaks are .043" wide, parallel at .020" opening



**3441-18**

### Rectangular Arch Forming Plier

Designed for placing first, second, and third order bends up to .070" (1.78 mm) blade width and on wires up to .021" x .025" (.53 mm x .64 mm). Beaks are .060" wide, parallel at .20" opening.



**3442-11**

### Tweed Arch Forming Plier (Double Step)

Designed for placing first, second and third order bends, .070" blade width. Wire size: <= .022" x .025" (.53 mm x .64 mm)



**3443-11**

### Lingual Arch Forming Plier

Designed to create double back and triple back bends in .030" and .036" lingual arch wires. Wire size: <= .036" (.91 mm)



**3444-11**

### Tweed Loop Forming Plier

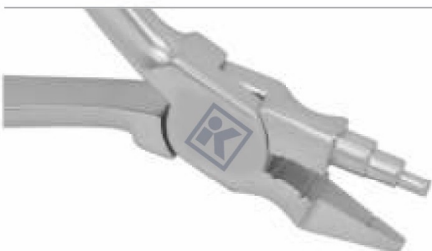
Designed for making bull and helical closing loops in square or rectangular wire. Tips are designed to hold wire firmly up to .022" x .028."



**3445-13**

### Omega Loop Forming Plier

Concave beak is contoured for making more uniform Omega Loops with ease. Three sections of .045", .060", and .075" diameter and .090" length.



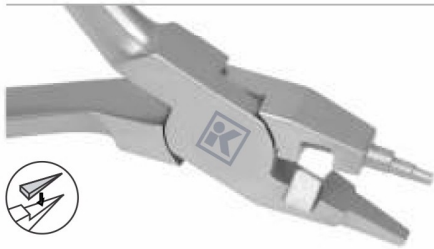
**3446-15**

### Young Loop Forming Plier

This Plier has three steps loop formers and is used to form identical loops on the square or rectangular wires up to .040" (1.0 mm).



# Orthodontic Forming & Bending Pliers



**3445-18**

**Kim Plier with Cutter**

This is a dual purpose tool which can be used for cutting and bending the wires up to .016"x.022" (.040 mm x .055 mm).



**3446-18**

**Ligature Forming Plier**

This is specially designed time-saving plier to preform ligature wires to a consistent 6mm height. Forming beak has a Tungsten Carbide insert for strength and durability.



**3447-11**

**NiTi Distal Cinch Back Plier**

Multi-use Plier to be used for various types of bending including bending NiTi in a cinch. Two ends fit together like a tongue and groove around the NiTi wire, so that the ends of the wire attain the required bend with one squeeze plier. NiTi wires up to .025" (.64mm)



**3447-13**

**NiTi Distal Cinch Back Plier**

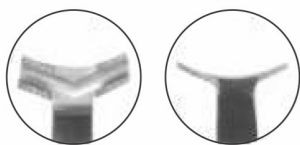
Multi-use Plier to be used for various types of bending including bending NiTi in a cinch. Two ends fit together like a tongue and groove around the NiTi wire, so that the ends of the wire attain the required bend with one squeeze plier. NiTi wires up to .025" (.64mm)



**3447-15**

**NiTi Distal Cinch Back Plier**

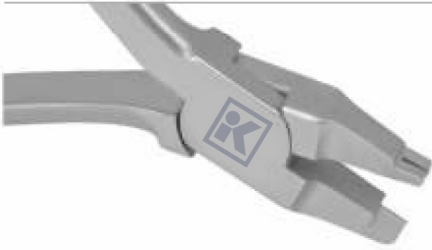
Multi-use Plier to be used for various types of bending including bending NiTi in a cinch. Two ends fit together like a tongue and groove around the NiTi wire, so that the ends of the wire attain the required bend with one squeeze plier. NiTi wires up to .025" (.64mm)



In order to achieve secure-grip, anti-slip finish is applied on both sides of head where wire is bent.



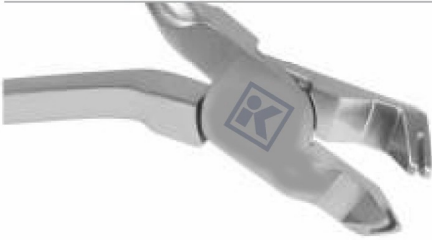
By simply Selecting either left or right side of the head along with gripping method, you can bend wire in "cinch-back" for both directions, buccal and lingual, at both jaw sides, left and right, on both jaw positions, upper and lower.



**3448-11**

### Hook Crimping Plier

Designed for placement and securing of crimpable arch wire hooks and power hooks.



**3448-13**

### Hook Crimping Plier Angled

Designed with an angled tip to easily crimp auxiliaries to arch wires in the posterior region. Slotted Beak holds auxiliaries securely for tight crimping.



**3449-11**

### Universal Plier

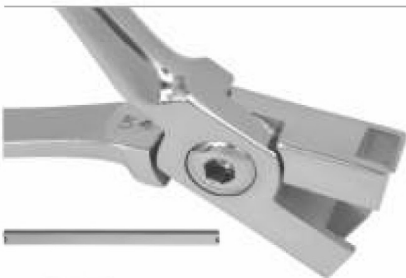
This Plier can be used for Dental, Orthodontics & Prosthetic. It can be perform various functions including bending soft & hard wires as well as holding braces.



**3449-13**

### Universal Plier

This Plier can be used for Dental, Orthodontics & Prosthetic. It can be perform various functions including bending soft & hard wires as well as holding braces.



**3450-11 Wide**  
**3450-13 Narrow**

### Torquing Plier with Key

Maximum bending capacity:  
Wires up to .020"



**3451-11**

### Bracket Removing Plier with Replacement Hooks

Designed for effective anterior and posterior removal of all bracket types – stainless steel, ceramic, and plastic brackets.



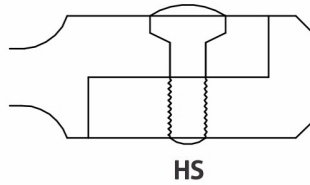


# Orthodontic Cutters & Pliers



**NOTE:**

All these cutters and pliers are already mentioned in previous section with two pieces joint system (Fixed Joint). Any Plier as given in previous section can be manufactured in this hex. socket head screw assembly.



Hex. socket head screw system



**3410-20HS**

**Mini Distal End Cutter, Safety Hold**

Compact Model for easier access. Designed to cut hardwire and then safety holds the loose distal end to prevent wire from going into tissue.

- Rectangular wires up to .022" x .028" (.55 mm x .71 mm)
- Round wires up to .020" (.50 mm)
- ⚙ Braided wires up to .016" (.40 mm)



**3411-18HS  
3411-20HS  
-22HS**

**Straight  
7°  
15°**

**Pin & Ligature Cutter**

Designed to cut soft wires, elastic ligatures and pins up to .016" (.40 mm). These cutters are available in straight or angled, most commonly with a 7° or 15° angle, tapered for difficult to reach areas.



**3413-18HS  
3413-20HS**

**Straight  
15°**

**Hard Wire Cutter**

The standard size cutter is designed to cut all sizes and types of arch wires. Available in straight and 15° angle to give better access

- Rectangular wires up to .022" to .028"
- Round wires up to .020"



**3416-18HS**

**Weingart Plier**

A general utility plier designed with Tungsten Carbide serrated tips to provide maximum wire control and gripping. Precisely tapered and gently rounded beaks fits easily into hard to reach areas with safety and comfort.

Square and rectangular wires up to .022" X .028" (.56 X .71 mm).



**3419-18HS**

**Posterior Band Removing Plier Short**

Safely and quickly removes posterior bands with patient comfort. The Teflon pad of 5mm (3/16") rests on the occlusal surface of the molar due to which the pointed tip is placed in perfect position to catch the edge of the band for an easy and gentle removal.





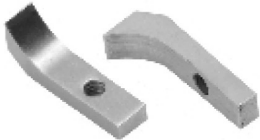
**Replacement Teflon Pads**



**3460-10**

4 pads per pack 1/4" (6.35 mm)

**Replacement Tips**



**3460-11**

4 tips per pack

**Replacement Teflon Pads**



**3460-12**

4 pads per pack 3/16" (4.76 mm)

**Replacement Tips**



**3460-13**

2 Sets per pack

**Replacement Tip Screw**



**3460-14**

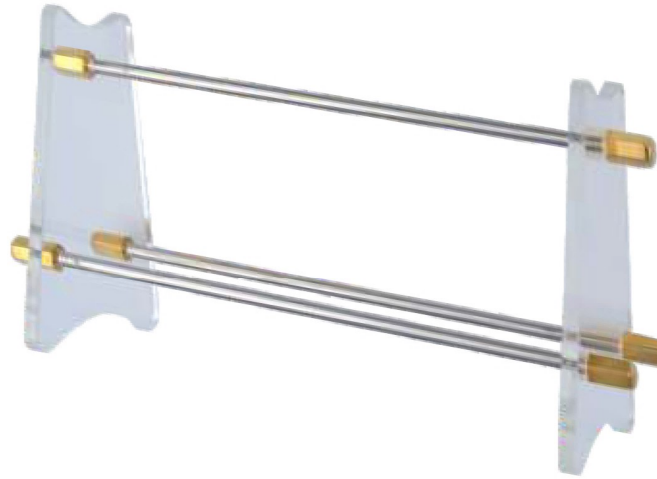
4 Screws per pack 1/4" (6.35 mm)

**Hex Wrench**



**3460-15**

2 pieces per pack



**3461-10**

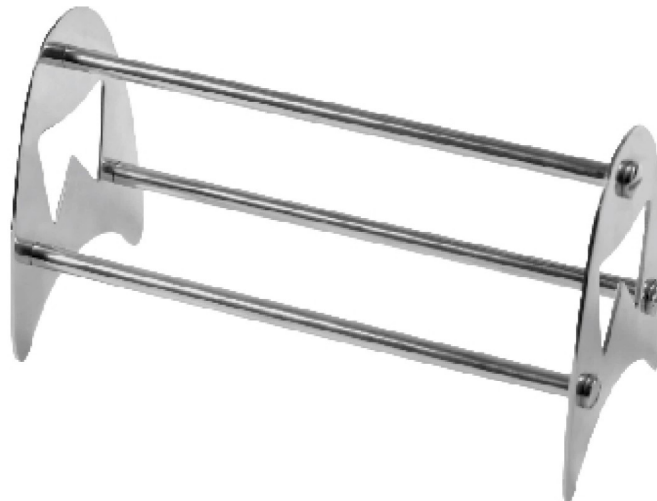
Pliers Stand Plastic

Length: 20 cm

Height: 12 cm

Width: 9 cm

Upper bar's height: 10.5 cm



**3461-11**

Pliers Stand Stainless

Length: 19.5 cm

Height: 11 cm

Width: 9 cm

Upper bar's height: 9.8 cm



**3461-12**

Pliers Stand Stainless

Length: 17 cm

Height: 11 cm

Width: 9 cm

Upper bar's height: 9.8 cm

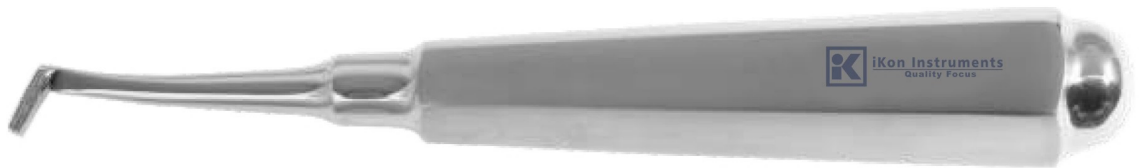


## Orthodontic Band Pushers

**3462-10**  
Mershon  
Band Pusher  
12.5 cm



**3462-11**  
Mershon  
Band Pusher  
15.0 cm



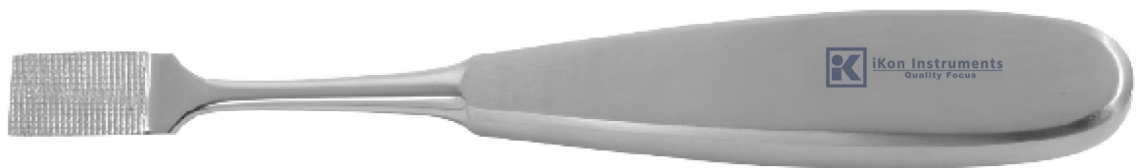
**3462-12**  
Mershon  
Band Pusher  
14.5 cm



**3462-13**  
Mershon  
Band Pusher  
14.0 cm  
Angled



**3462-14**  
Band Seater  
15.5 cm



**3462-15**  
Bite Stick  
13.0 cm



- Metal serrated triangle tip
- Molded high impact plastic



**3463-10**  
Separating Plier  
For an easy placement of  
separating elastic  
15.0 cm



**3464-10**  
Buccal Tube Tweezer  
With slot aligner  
14.0 cm



**3464-11**  
Buccal Tube Tweezer  
12.0 cm

new



**3465-10**  
Double Ended Tweezer  
Arch wire directing, bracket clip  
opening & closing tweezer  
12.5 cm

**Direct Bond Bracket Tweezers**



**3466-10**  
With blade  
13.5 cm



**3466-11**  
13.5 cm



**3466-12**  
14.0 cm



**3466-13**  
14.0 cm



**3466-14**  
14.0 cm



**3466-15**  
With slot aligner  
14.0 cm



# Orthodontic Ligating Instruments



**3467-10**  
Ligature director  
17.5 cm



**3467-11**  
Ligature director  
17.5 cm



**3467-12**  
Ligature director &  
band pusher  
17.0 cm



**3467-13**  
Explorer &  
ligature director  
17.0 cm



**3467-14**  
Elastic ligature  
applicator  
17.0 cm



**3467-15**  
Band pusher &  
schure scaler  
17.0 cm



**3467-16**  
Direct bond  
adhesive remover  
17.0 cm



**3467-17**  
Double-ended  
distal bender  
17.5 cm



**3468-10**  
Halstead Mosquito  
Straight  
12.5 cm



**3468-11**  
Halstead Mosquito  
Straight  
12.5 cm



**3468-12**  
Halstead Mosquito  
Hook tip For placing  
dentalastics Straight  
12.0 cm



**3469-20T**  
Mathieu  
Narrow tip  
14.0 cm



**3469-18T**  
Mathieu  
Wide tip  
14.0 cm



**3469-22**  
Smaha  
Curved  
14.0 cm



**3469-27**  
Mathieu  
Half tip  
14.0 cm



new



**3469-29**  
Mathieu  
Fine tapered tip  
14.0 cm

**3469-21**  
Smaha  
Narrow tip for easy  
placement of elastic  
modules  
14.0 cm

**3469-25**  
Mathieu  
Hole tip  
14.0 cm



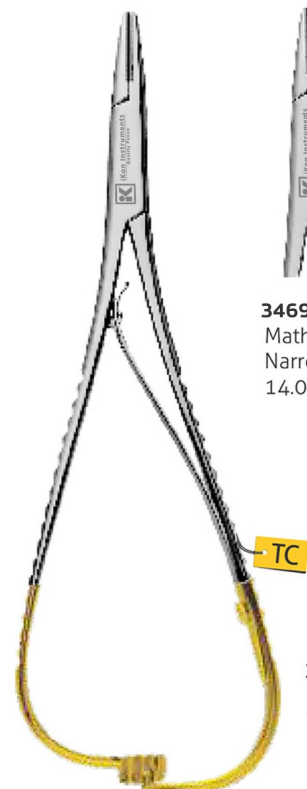
**3469-35**  
Mathieu  
Hook tip  
14.0 cm



**3469-39**  
Mathieu  
Narrow tip  
14.0 cm



**3469-37**  
Mathieu  
Wide tip  
14.0 cm



**3469-42T**  
Mathieu  
Narrow tip  
14.0 cm



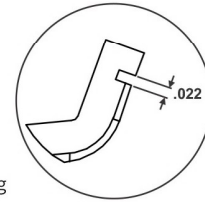
**3469-41T**  
Mathieu  
Wide tip  
14.0 cm



# Orthodontic Bracket Instruments

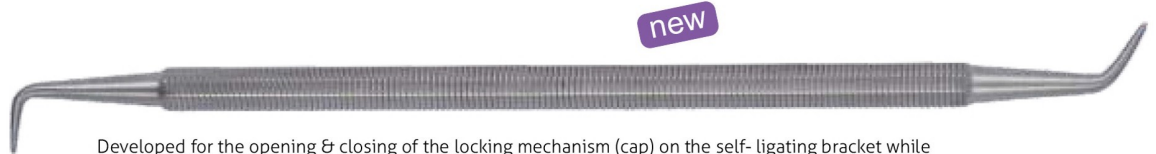


**3471-10**  
Handy Tool  
88.0 mm



This instrument serves two functions; it pushes the arch wire in the bracket slots of the self-ligating Bracket to facilitate closing the door, Secondly it is also used to put torque in arch wire.

**3471-10**  
Wire Director & Opener  
14.5 cm



Developed for the opening & closing of the locking mechanism (cap) on the self-ligating bracket while facilitating the seating of the archwires into the bracket. The dual purpose design ensures ease of use while saving time by minimizing the change & number of instruments.

**3471-10** Slot 018  
**3471-11** Slot 022  
Bracket Height Gauge  
Aluminium  
15.0 Cm



Measure height of bracket, Placement from incisal edge.

**3471-14** Slot 018  
**3471-16** Slot 022  
Bracket Height Gauge  
Stainless Steel  
15.0 Cm



Measure height of bracket, Placement from incisal edge.

**3471-20** Slot 018  
**3471-22** Slot 022  
Bracket Height Gauge  
With Movable Head  
Stainless Steel  
15.0 Cm



Measure height of bracket, Placement from incisal edge.

Accurately measures height of bracket placement from incisal edge. 3.5, 4.0, 4.5 & 5.0mm

**3471-10**  
Positioning gauge  
65x65 mm



**3471-10**  
Shorty twist holder  
15.0 cm



Precisely made holder makes tying ligatures fast & easy. Simple insertion & locking of shorty ligature twists & shorty koby twists.