



**MA-12-01**

**Weingart 60° Angle**

Small serrated tips are angled at 60° for easy access in the posterior region. Maximum .018" (.46mm) wire.



**MA-12-02**

**Weingart 60° Angle with T.C.**

Same features as ix950 with the addition of Tungsten Carbide tips. Maximum .018" (.46mm) wire.



**MA-12-03**

**Stepped Tweed Arch Plier**

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





### MA-12-04

#### 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).



### MA\_12-05

#### Bracket Removing Plier

The narrow sharp tips, wedge between the edges of the bracket base and tooth surface to remove direct bond brackets safely and comfortably.



### MA-12-06

#### Mini Ligature Cutter 50° Angle Upper

The narrow tip is angled at 50° for excellent access to the upper arch. The inserted tips ensure precision cutting of ligature wires and elastics.

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





**MA-12-07**

**Micro Ligature Cutter Upper 50° Angle Upper**

Same features as ix956 but with shorter handles.

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



**MA-12-08**

**Mini Ligature Cutter 60° Angle Lower**

The narrow tip is angled at 60° for excellent access to the lower arch. The inserted tips ensure precision cutting of ligature wires and elastics.

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



**MA-12-09**

**Micro Ligature Cutter 60° Angle Lower**

Same features as ix957, but with shorter handles.

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





### MA-12-10

#### Micro Ligature Cutter

The small, narrow and sharp pointed tips allow easy access to the most difficult areas. The inserted tips ensure precision cutting of ligature wire & 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.



### MA-12-11

#### Micro Long Handled Ligature Cutter

Same features as IX911 but with longer handles.

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.



### MA-12-12/MA-12-13

#### Flush Cut Distal End Cutter Standard / Small

The flush cut feature of this instrument allows the archwire to be cut flush and safely held, eliminating the possibility of patient discomfort resulting from archwire protrusion. The Tungsten Carbide inserted tips ensure precision cutting of ligature wire and elastics.

Minimum Cutting Capacity:

ix958 - .016" (.41mm),

ix958s .012" (.30mm)

Maximum Cutting Capacity:

ix958 archwires up to .021" x .025"  
(.55 x .64mm)

ix958s archwires up to .016" x .025"  
(.41 x .64mm)



### MA-12-14

#### Long Handled Distal End Cutter

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

Minimum Cutting Capacity:  
.012" (.30mm)  
Maximum Cutting Capacity:  
.018" x .025" (.46 x .64mm)



### MA-12-15

#### Curved Smaha

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



### MA-12-16

#### Lingual Bracket and Bondable Tube Holder

Reverse action Tube placer designed for placing bondable tubes and lingual brackets and attachments. Curved design allows placement with an unobstructed view.