

## Safe-Cinch Instructions for Use

The IX921 Safe-Cinch is a rounded, crimpable device which is fitted over the protruding end of the archwire behind the molar tube, using special pliers designed to hold and crimp it securely.

The Safe-Cinch is designed to reduce emergency appointments by preventing sharp wire from poking into the soft tissue at the back of the mouth, safely holding de bonded molar tubes on the wire and preventing flexible wires from dropping out of molar tubes.

The Safe-Cinch is intended to be used by appropriately trained professionals.

The Safe-Cinch must be fitted using the Ixion IX920 Safe-Cinch pliers, otherwise its safety cannot be assured.

The Safe-Cinch is designed to sit in an open position, flat on a bonding pad to make it easy to pick up and load (Fig 1).

The Safe-Cinch has a groove on one side which is aligned with the sharp beak of the application pliers. There is a corresponding ridge on the other side which aligns with the groove on the lower beak of the pliers (Fig 2). This helps to ensure correct positioning of the Safe-Cinch and also holds it in the plier beaks for safe transit to the archwire (Fig 3). A light spring holds the beaks closed so that it is easy to transfer the pliers from nurse to operator without losing the Safe-Cinch, so the beaks must be actively held apart while loading. The specially designed stop will prevent the spring from being over stretched and damaged.

The Safe-Cinch must be fitted so as to enclose the wire end which must reach to over half-way into the Cinch and preferable almost all the way through.

**No wire should be left protruding.** (Fig 4).

**The Safe-Cinch must not be fitted and then have excess wire cut off, this will leave a sharp end that will cause trauma unless polished off with a bur (Fig 4B).**

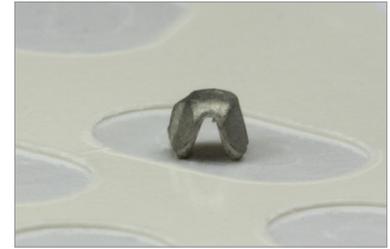
If insufficient wire is enclosed in the Safe-Cinch it may not hold properly.

A firm pressure is needed to crimp the Safe-Cinch, similar to that for cutting a 19/25 steel working archwire.

It is easiest to visualise the molar tube for fitting the Safe-Cinch if a mouth mirror is used to retract the cheek.

To remove the Safe-Cinch and archwire, use safety-hold distal end cutters to cut the wire mesial to the molar tube (Fig 5). Release the cutters and then remove wire and Safe-Cinch by withdrawing it distally through the tube with either the cutters or Weingarts utility pliers.

\* For use on wires from .012" to .017" x .025". \*



(Fig 1).



(Fig 2). Groove Sharp point



(Fig 3).



(Fig 4). Correct position on archwire



(Fig 4B). Incorrect position on archwire (Wire protruding).



(Fig 5).

**Warning - Contains  
Nickel Chromium.**  
Stainless Steel 316L



Contains Nickel  
Chromium



Single use  
only

**CE**  
0123



Attention  
See instructions  
for use

**ixion**<sup>®</sup>  
Instruments

**Safe-Cinch  
Plier IX920 /  
Safe-Cinch  
IX921**

**Instructions  
for use**



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