

**ORTHODONTICS & DENTAL INSTRUMENTS**

HIGH QUALITY INSTRUMENTS

## COMPANY PROFILE

IN THE NAME OF ALLAH ALMIGHTY THE MOST BENEFICIAL AND MERCIFUL, ALL OUR STRENGTHS AND EXPERTISE ARE HIS BLESSINGS AND NOTHING CAN BE ACHIEVED WITHOUT HIS WILL.

This is our family business established by our big brother **Mr. Hamid Zafar Iqbal** in 2003. We never compromise the quality of our platform where our customer's care is most important.

Our Valuable Clients,

Thank you for allowing us to serve you at our best.

For over 20 years, **Orel Brands Industries** has delivered the highest and hygienic quality products and continue our goal of providing the best.

OBI puts power and precision into the practitioner's hands. Our instruments are specifically engineered and produced to provide unrivaled clinical outcomes. The ergonomic design offers maximum comfort and safety to both the patient and the practitioner.

Thanks to our in-house manufacturing facility we are committed to satisfying the requirements of our worthy clients in time.

Our continued effort is to improve quality and gain trust.

OBI is paying its complete efforts to serve the orthodontic industry with an economical and worth-paying price level. pliers and instruments are designed to meet the specific requirements of orthodontic treatment.

All our manufactured pliers are handcrafted by skilled instrument makers to meet our high standards of precision work ( only the best make the grade. Our commitment to optimum service prevails, as we expand our product lines and facilities.

**Orel Brands Industries** is the name of a Brand in the World of Dental, Implantation & Orthodontic instruments Manufacturers.

We are certified by CE, ISO 13485, ISO 9001, CMC Medical Devices. We are glad to introduce our new catalog of Orthodontic and Clear Aligner Instruments.

**Orel Brands Industries** assure the customers have quality instruments that satisfy their needs and make a personal relationship with them that makes them feel part of us.

Our priority is customer Satisfaction.

We assure you if you become our customer, you will see it is worth your purchase.

a wide range for all your needs is available, kindly check and find the one suitable for you.

Sincerely yours,

**Orel Brands Industries .**

# MEETING



Weekly group meeting to improve:

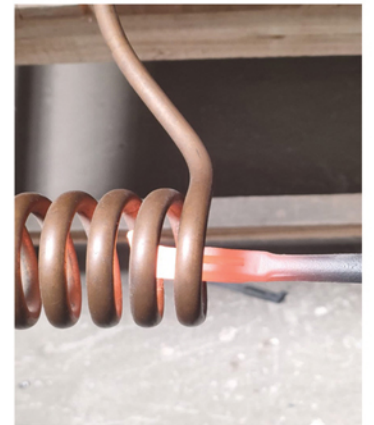
- 1-Quality
- 2-Discuss on new technology
- 3- Take steps to improve customer satisfaction
- 4-keep in touch with all workers.
- 5-Check our product regularly

Supervised by

MD Hamid zafar iqbal



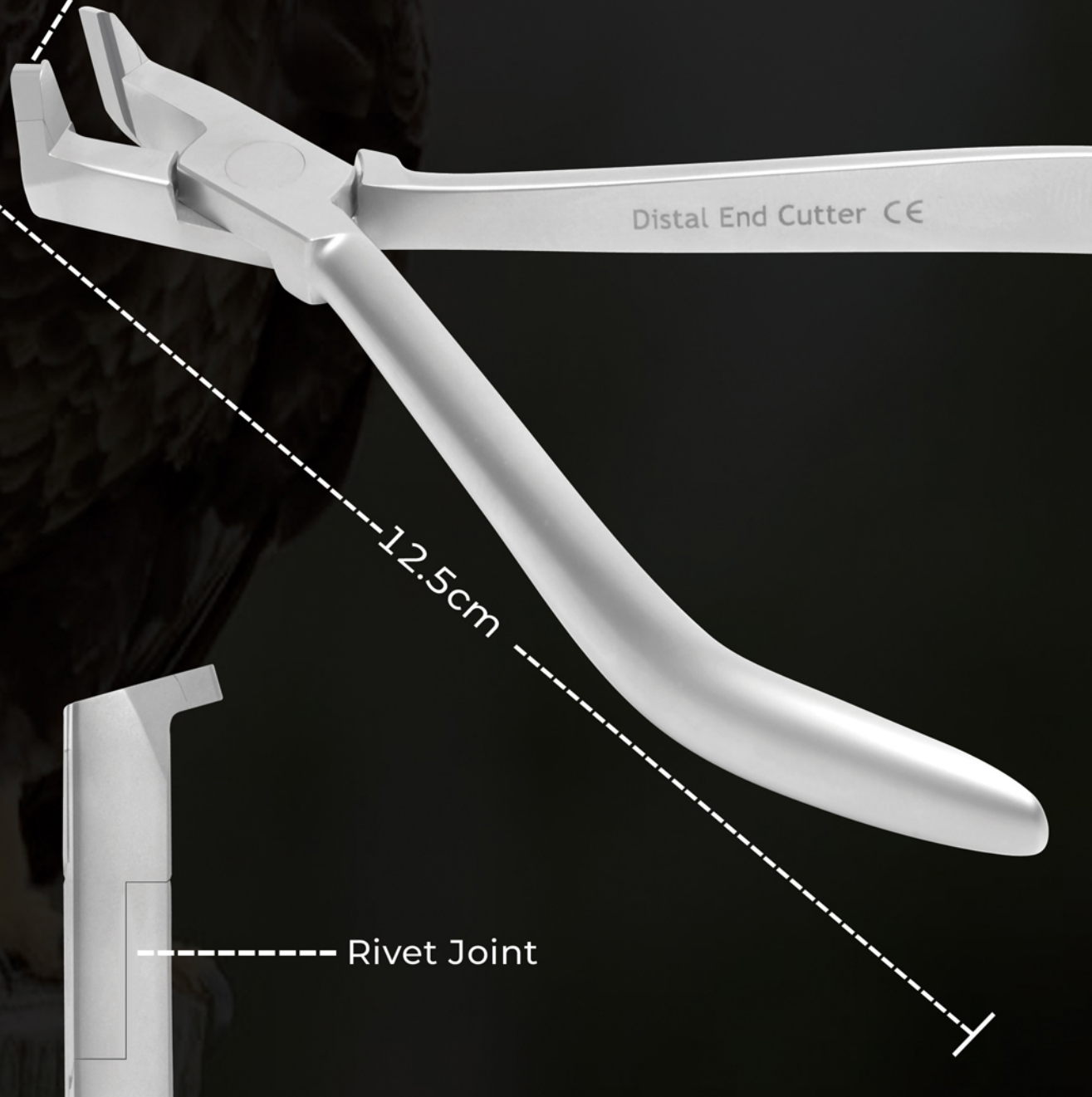
# MANUFACTURING PROCESS



Cutting Capacity  
Max: .021"(.54mm)\*.025"(.64mm)  
Min: .012"(.31mm)

# Distal End Cutter

## OBI 004



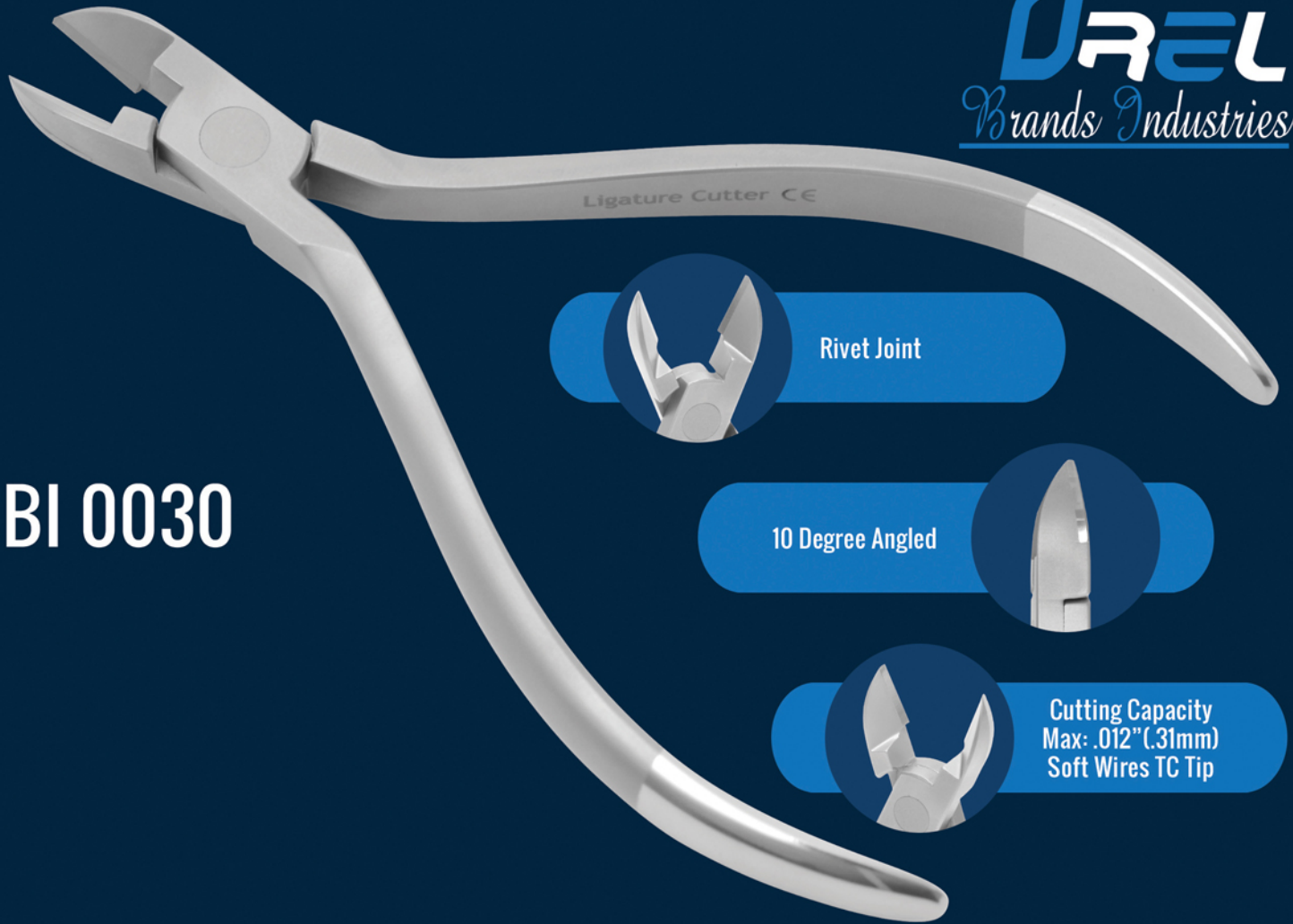
Distal End Cutter CE

12.5cm

Rivet Joint

# Ligature Cutter

**DREL**  
*Brands Industries*



**OBI 0030**



Rivet Joint

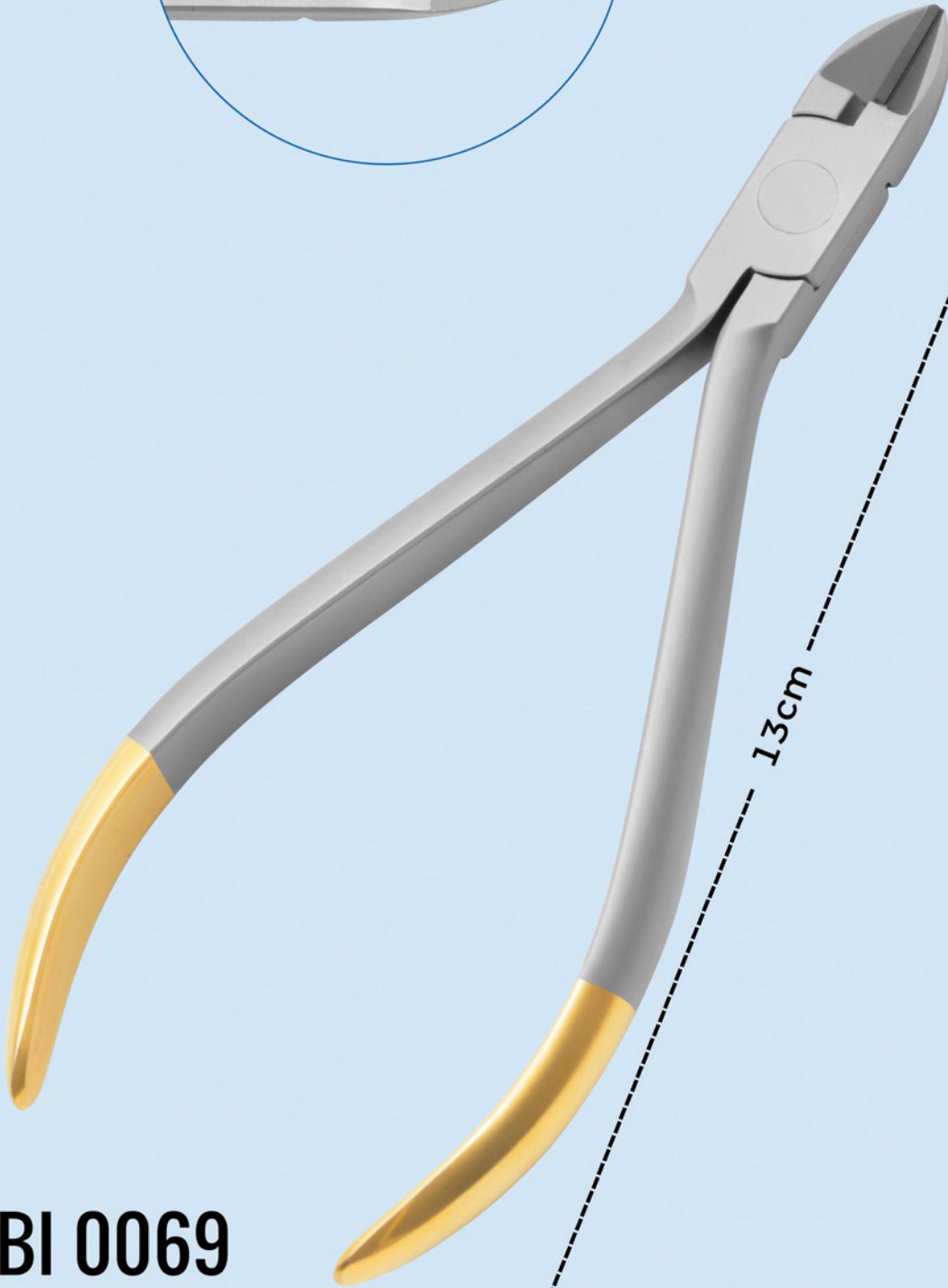
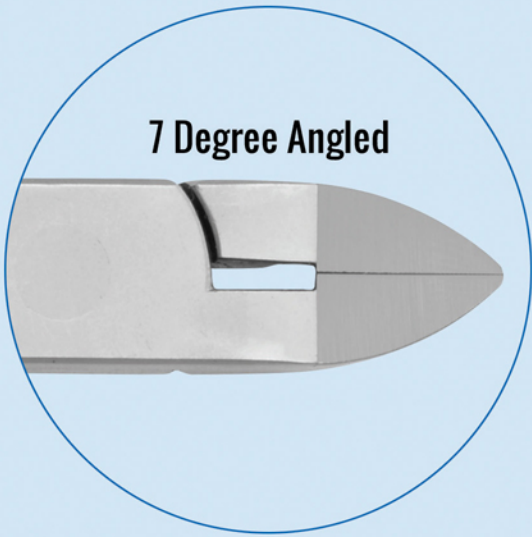


10 Degree Angled



Cutting Capacity  
Max: .012" (.31mm)  
Soft Wires TC Tip





Rivet Joint

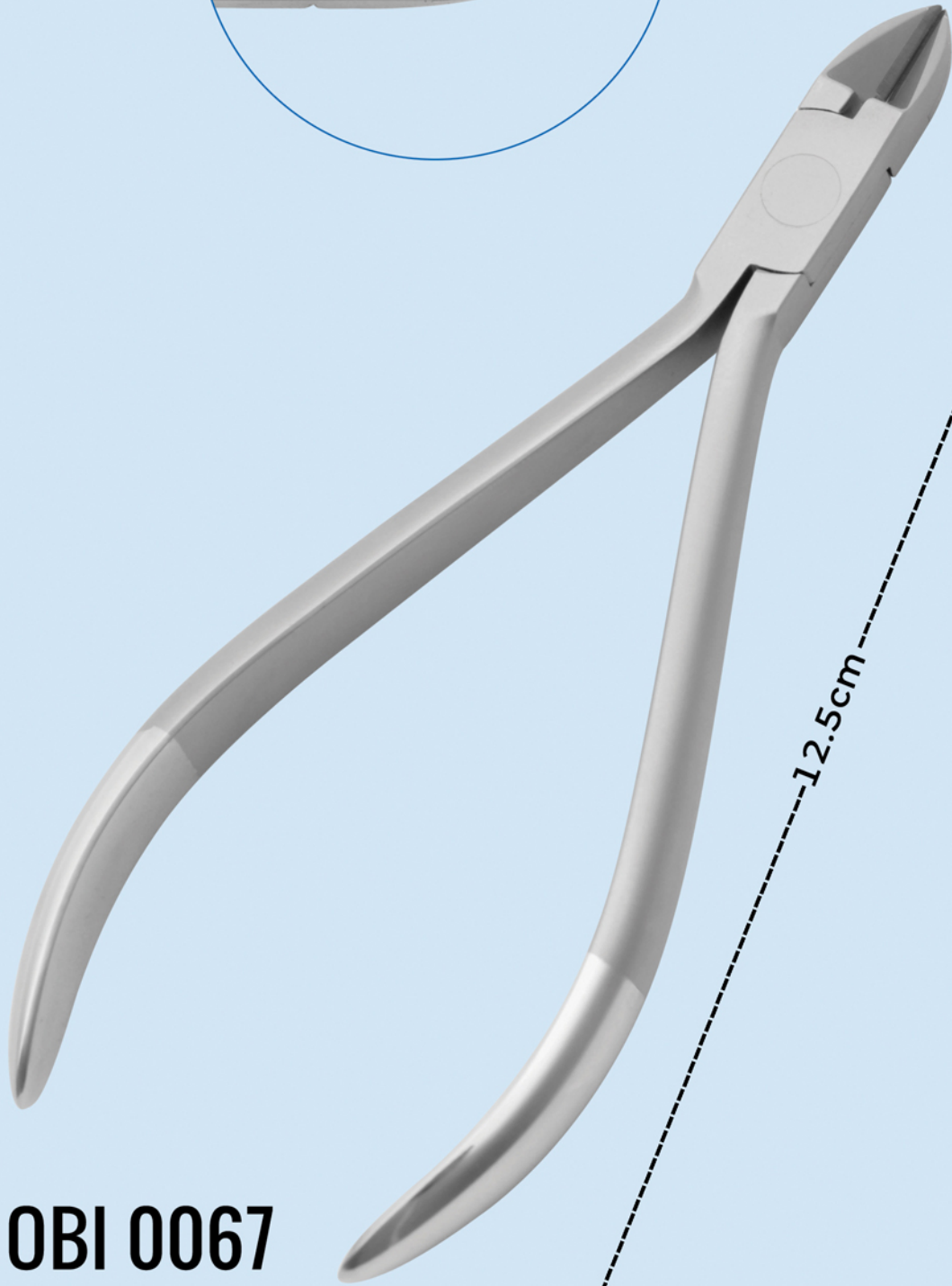
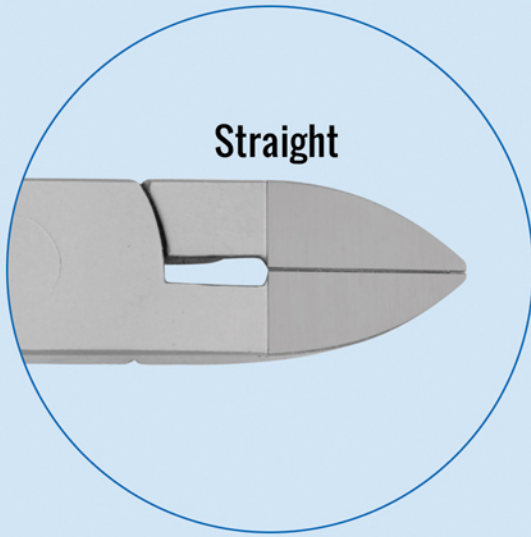


Diamond Honed Edges (TC)



Cutting Capacity  
Max: .012"(.31mm) Soft Wires

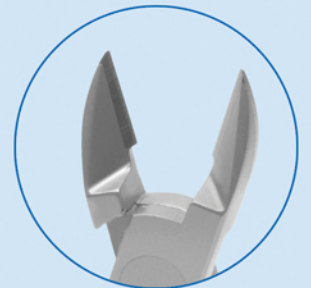
**OBI 0069**  
**Ligature Cutters**  
**7 Degree Angled**



Rivet Joint

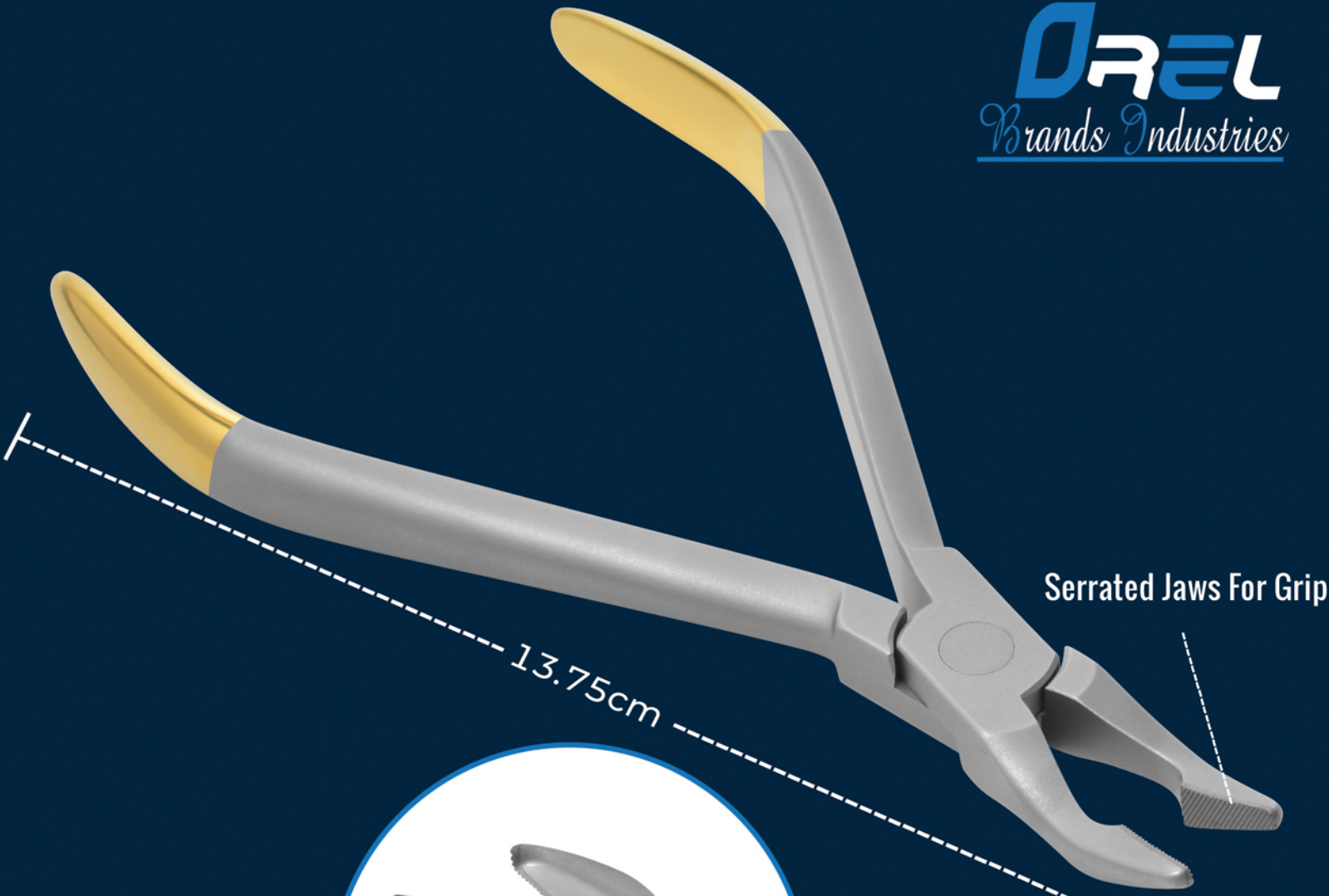


Diamond Honed Edges (TC)



Cutting Capacity  
Max: .012"(.31mm) Soft Wires

**OBI 0067**  
**Ligature Cutters**  
**Fine And Straight**



Serrated Jaws For Grip

13.75cm



Angled Shape  
Gives Smooth Working

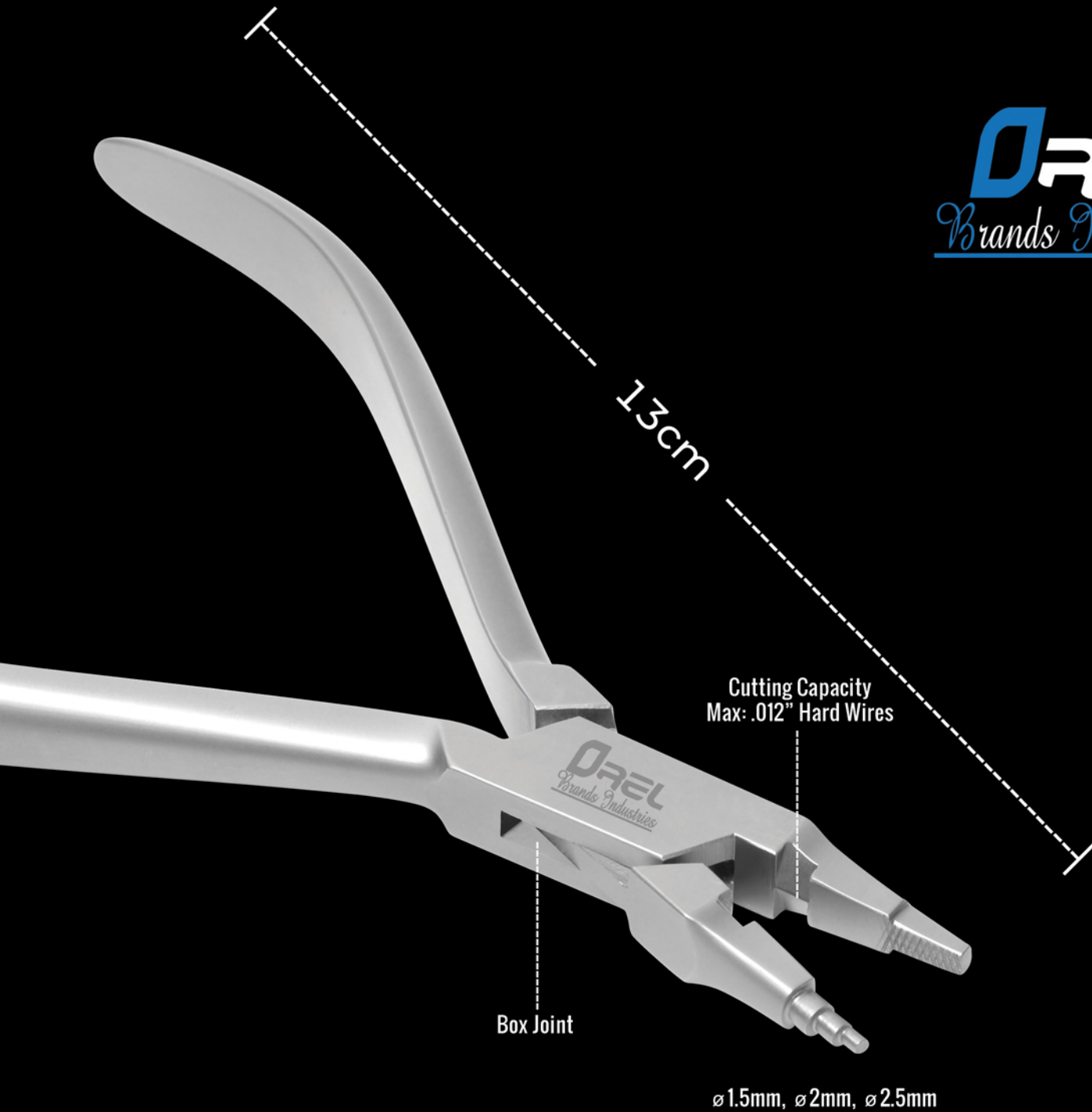
**OBI 00101**

Steel. Max .022" \* .025"  
(.56mm\* .64mm) Wires

**Weingart Pliers with Tip**



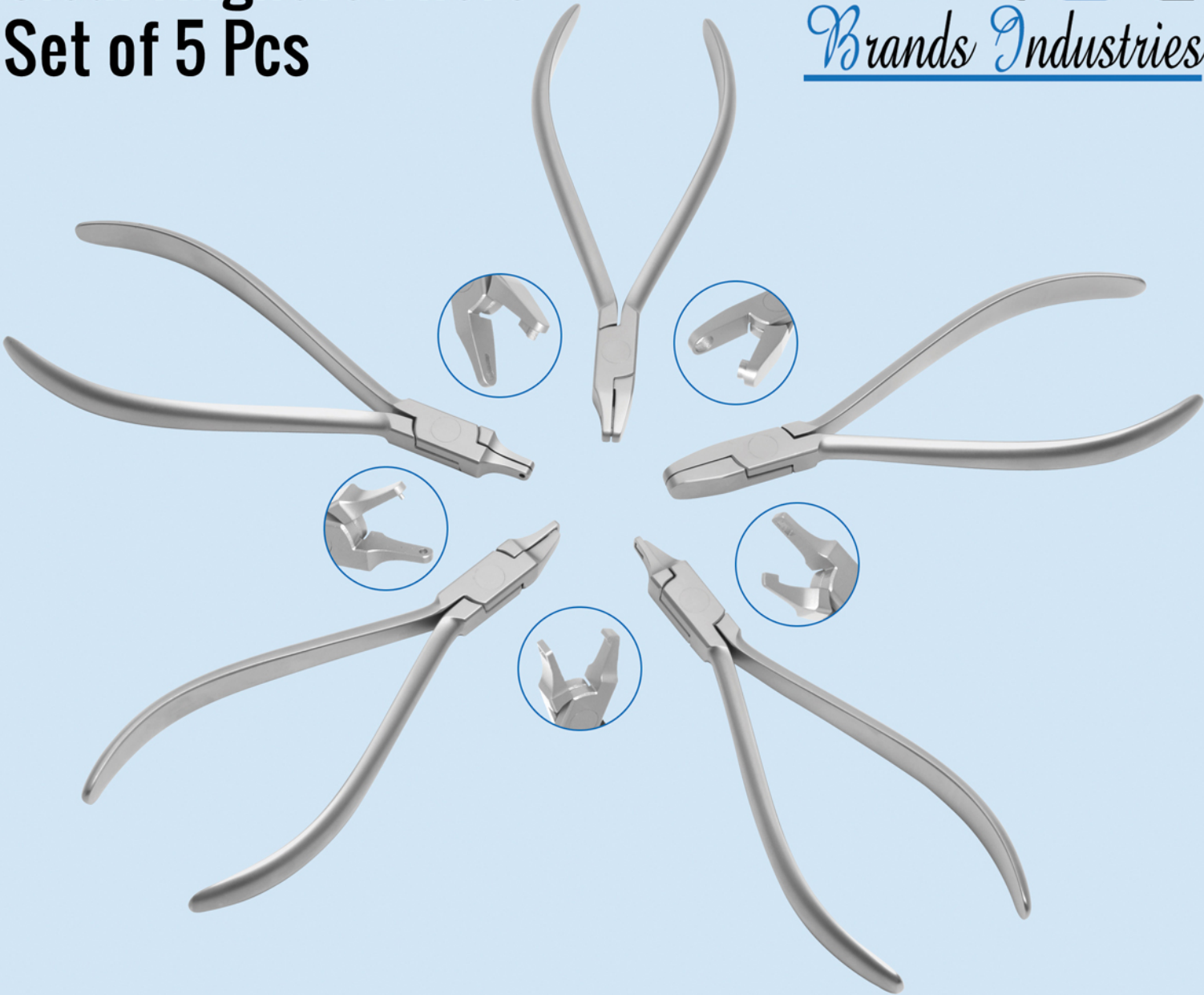
**DREL**  
*Brands Industries*



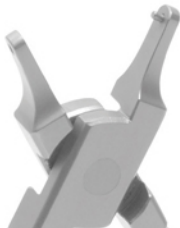
**OBI 00235**

**Loop Forming Pliers with Cutting**

# Clear Aligners Pliers Set of 5 Pcs



**OBI 00401**  
**Mini Dot Plier**



**Mini Dot Plier  
(Male) 1mm  
13cm**



**Mini Dot Dimple Clear Aligner Invisible  
Retainer Braces Dental Plier.**



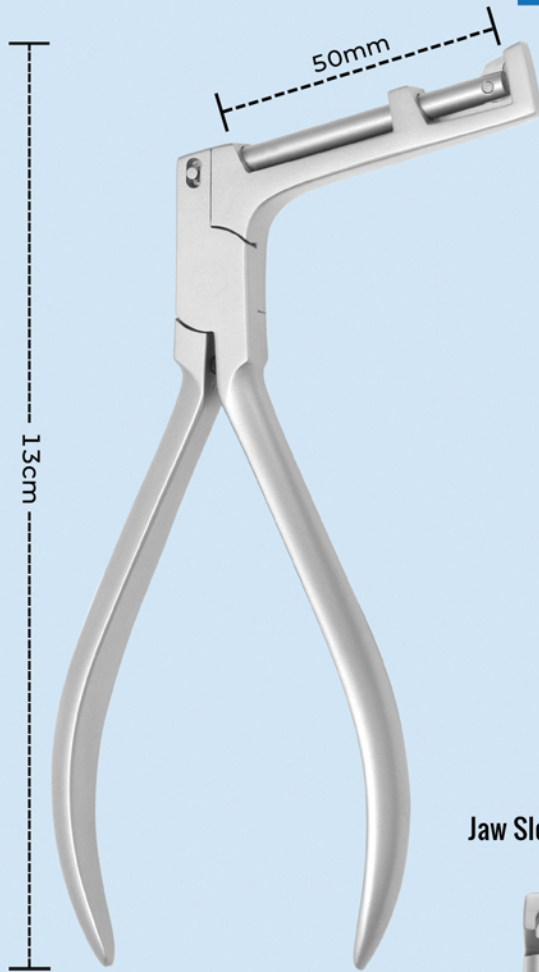
**Rivet Joint.  
Stainless Steel.**

# OBI 00320

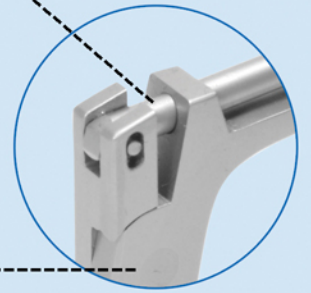
## Cap Removing Pliers

Stainless Steel Rivet Joint

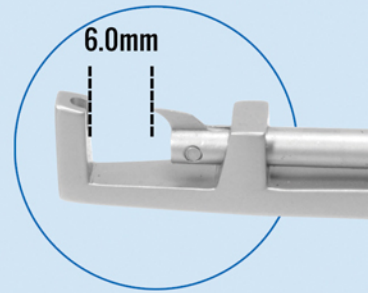
**DREL**  
*Brands Industries*



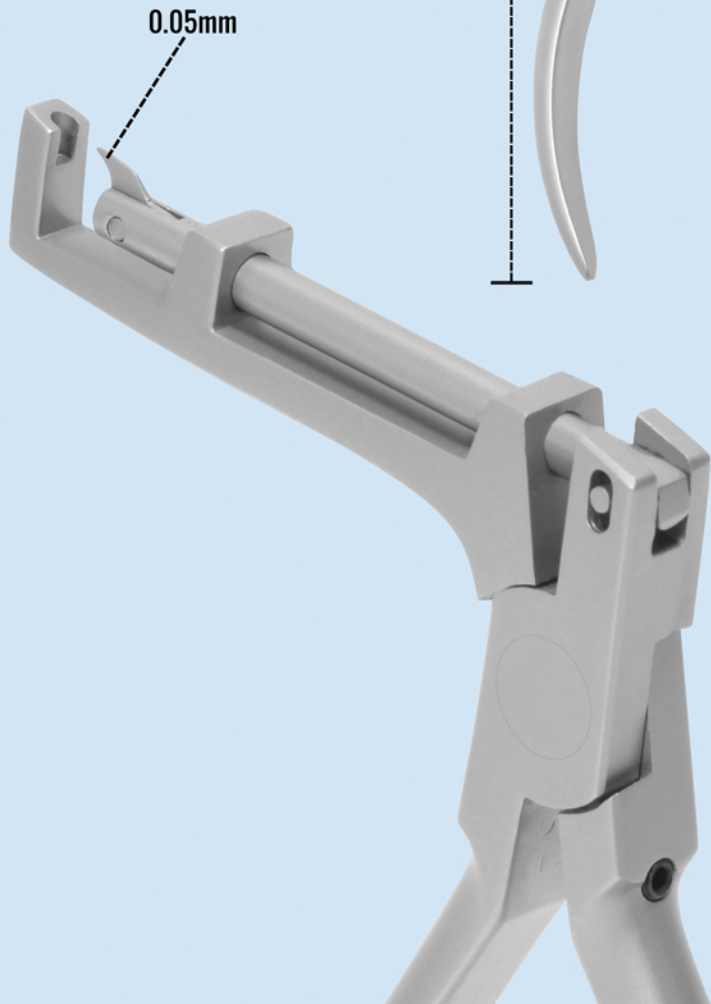
ø 4mm



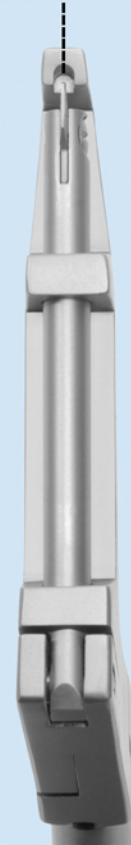
6.0mm



0.05mm



Jaw Slot 1.5mm

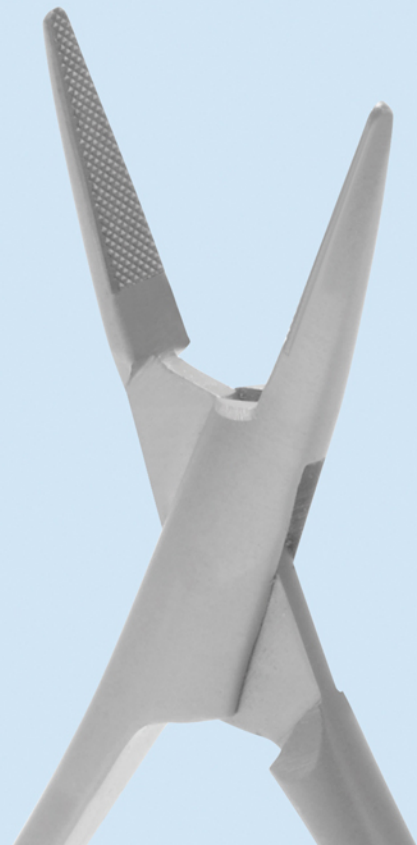
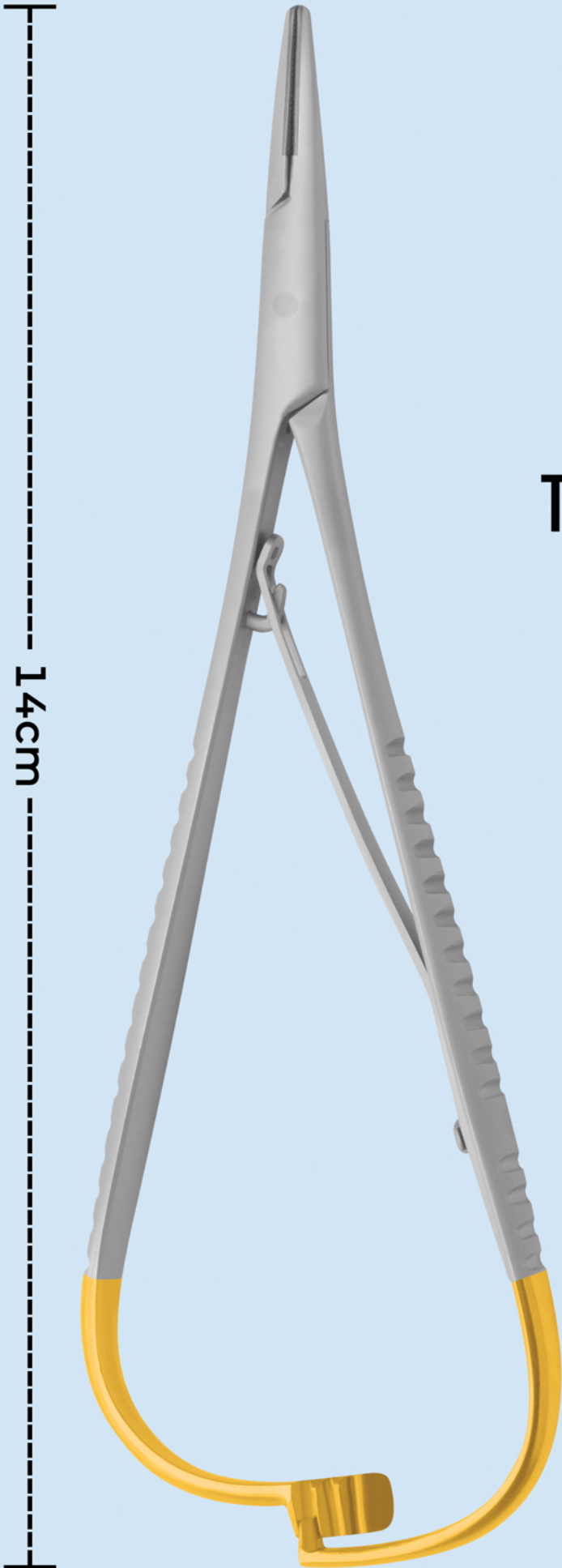


Adjustable Screw 3mm



**DREL**  
*Brands Industries*

**OBI 00507**  
**TC Mathieu Needle Holder**  
**(Wide)**



## Description

- All Pliers are made from AISI 410, 420 kind stainless-steel material.
- High-quality greater hard and pretty durable Immunity-HS metallic pointers inserts are used for Distal end Cutters Ligature Cutters and Pliers which are wanted with unique becoming a member of/welding technique for inserts-severe stability is ensured.
- Excessive precision joint assembly for a protracted-lasting guidelines alignment with a specially designed approach for lasting frictionless clean functioning. Hex Screw assembling is likewise made with precision and diamond-honed pointers cutting edges.
- Ergonomic rounding of all Sharp edges - stepped forward safety, precise and simple coping with ensured.
- All pliers are ultrasonically wiped clean, lubricated, and then tested with advocated twine sizes. best for autoclaving as well as dry warmness sterilization.
- Cutting-edge green gadgets care is suggested for running properly over the years problem free.
- Modern efficient Instruments care is recommended for working well over time trouble free.
- All Pliers are under assurance for 1 year from the date of your purchase. If in normal use, any of our Pliers are located defective in cloth or production workmanship beneath contemporary assurance, it will likely be repaired or replaced at our discretion. Misuse, negligence, or loss of affordable or proper upkeep and care will nullify this warranty.

## Precautions

To avoid rust or cutting failure comply with the training underneath:

For pre-cleansing use surgical milk/ distilled water always.

In no way use a broom to easy pliers, it can scratch pliers.

Do now not use any kind of soap or cleaning agent for cleaning.

Use distilled water in an ultrasonic.

All through ultrasonic or cleansing, hold the plier and cut loose each other. Extreme sterilization can harm the reflected end of pliers, so, avoid immoderate sterilization.

Do not reduce or bend wires which are heavy than the plier's specification. it can harm the suggestions of the pliers.

## Cleaning Methods

Your pliers are funded. You expect them to function nicely over time. You do not need rusted sites or cu disasters. many of the troubles together with your pliers are related to sterilization troubles. With these clean-to-comply with instructions, you get more existence out of your pliers in addition to the whole performance you deserve

- You need to never use soap and water to clean your pliers Distilled water can be used in an ultrasonic tool.
- Gluteraldehyde also can damage your pliers. Do not put them in any gluteraldehyde solution.
- continually use surgical milk or distilled water for pre-cleansing.
- Do not brush your pliers as tough brushes may scratch your pliers.
- The pliers should be kept one at a time in particular while they are in an ultrasonic purifier
- Keep away from excessive sterilization as it might harm the polish of your pliers.
- Test the twine sizes of your plier's reducing and bending specs. Do no longer use your pliers with heavier wires, as this could harm the inserted suggestions of your pliers.

Autoclave: Clean your pliers first with 1/10 surgical milk/distilled water solution. you can position them in an ultrasonic cleaner.

Do now not rinse them with cleaning soap and water. you may put them directly into the autoclave without rinsing or drying After this moment you could follow the coaching guide of your autoclave.

cleaning soap or water.

## Chemiclave:

Clean your pliers with 1/10 surgical milk/distilled water solution. Do not rinse them Dry them very carefully with a clean towel. put the pliers in separate chemiclave bags and then within the chemiclave. After this moment you may observe the coaching manual of your chemiclave

Dry Heat Sterilization: Do the same cleaning for the autoclave or chemiclave first. You can also use distilled water only to clean your pliers. No drying required. Place them in your Dry Heat Sterilizer and follow the instruction manual.

## Sr no Problems Reasons

1 Your plier's tips are rusted.

Pliers were in touch with water.

2 You see black spots on your pliers.

The chemical substances and minerals in the faucet water are the motive for the discoloration.

3 The edges of your cutters are dull.

You left your pliers too long inside the ultrasonic cleaner. additionally, test the bending and cutting specifications. you would possibly be using your pliers to reduce or bend a heavier wire than it is standard.

4 The joint of my pliers is stiff and squeaky. Immoderate sterilization induced the polish and the lubricants to disappear. It is probably time to send them returned to a satisfactory Repair provider.

## Orel Brands Industries Orthodontic Instruments Warranty

OBI orthodontic instruments carry a lifetime warranty against material defects and craftsmanship. Like all Orthodontic companies, "lifetime" references the ordinary expected life of the product. We guarantee your cutters for seven years and your benders and utility pliers for ten years. This covers breakage, joint failure, and corrosion under normal use. Proper cleaning and maintenance are required. Failure to properly care for instruments, including cleaning and lubrication may void this warranty. OBI reserves the right to decide whether an instrument is to be repaired or replaced. Sharpening cutters and repairing minor tip damage is considered routine maintenance with normal use, and is not covered by warranty. Please review the details of our warranty below.

## Direction To Enhance The Life Of Product

### Cleaning

Remove cements and other bulk debris immediately after use. Clean instruments ultrasonically, using an enzymatic cleaning solution such as Enzymax®. Change your ultrasonic solution every shift or as needed. Clean and sterilize hinged instruments in the open position. Improper cleaning can lead to discoloration and oxidation. A proper cleaning will lengthen the life of your instruments. Only use detergents and disinfectants that are suitable with medical and dental instruments and follow the manufacturer's instructions in respect to concentration and time of exposure.

### Lubrication

Lubricate instruments at least weekly prior to sterilization. Use only lubricants designed for precision hinged instruments such as Instrument Lubricant Spray, 8 oz. How often depends on such factors as the frequency of use, types of applications in which the cutter is being used, etc. Routinely lubricating instruments will lengthen the life of your instruments.

## Sharpening

Make sure to sharpen your cutter regularly. With average use, OBI recommends sharpening your cutters every 6-9 months. Routinely inspect cutters to determine if sharpening is required. Sharp instruments cut more efficiently and regular sharpening will enhance the life of your cutter.

## Sterilizing



Sterilize hinged instruments in the open position. OBI recommends steam autoclaving per the manufacturer's instructions. Steam autoclaves will not dull cutters. Do not use cold sterilants: they can chemically attack your stainless steel instruments. Be sure your sterilizing units are clean and operating properly.

## Corrosion


Your OBI instrument is resistant to corrosion. You can prevent corrosion problems by properly following all manufacturer's recommendations. Accumulated debris can turn orange in color and be mistaken for rust. OBI can help you make this determination. Never mix your new instruments with a corroded instrument. Oxidation can easily spread to new instruments. It is recommended that a corroded instrument be immediately discarded.



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