



**DEFENCE DENTAL**  
— C E N T E R —  
Experience The Difference

Orthodontic  
**Instruments**  
Catalogue



# PREFACE

A few years ago, our journey began with a simple yet ambitious goal: to deliver top-notch dental instruments tailored for clinics, designed to withstand extended use without compromising on quality. The enthusiastic response from our valued clients has propelled us forward, inspiring us to broaden our horizons by introducing a comprehensive range of dental tools and pliers to the market. Our unwavering commitment to excellence is underpinned by rigorous quality assessments conducted by experienced dentists. These evaluations not only validate the performance of our instruments but also reinforce our steadfast dedication to providing unmatched services to our esteemed clients.

# CONTENT

- Clear Aligner Pliers
- Attachment/ Brackets Removing Pliers
- Wire Cutting Pliers
- Wire Bending Pliers
- Wire Holding and placing Pliers
- Band Contouring Pliers
- Cinching Pliers
- Miscellaneous Instruments

# CLEAR ALIGNERS PLIERS



# HOLE PUNCH PLIERS

- Creates precision hole punch
- Available as 5mm and 6mm hole punch design
- Resistant to corrosion
- Matte finish with fine grip handles
- Hole punch with inclined planes to allow punch on aligners with ease and without adhering to the aligner material



# TEAR DROP PLIERS

- 6mm long slit designed in an incline to easily create notch for elastics in aligners
- Slit is inclined such that it does not adhere to aligner sheet and allows ease of use
- Corrosion resistant
- Available in modified designs



# MODIFIED TEARDROP PLIER DESIGN

Teardrop with a small hole at the cutting end



A simple tear drop shaped slit cutting end

# DIMPLE FORMING PLIER

- These are used to create dimple dot indentations in aligner surface to allow pressure on specific points in the aligners to make the movements incorporated more effective
- The design of the dot is just enough that it does not tear aligner surface
- The handles provide enough grip to press on aligners for dimple formation





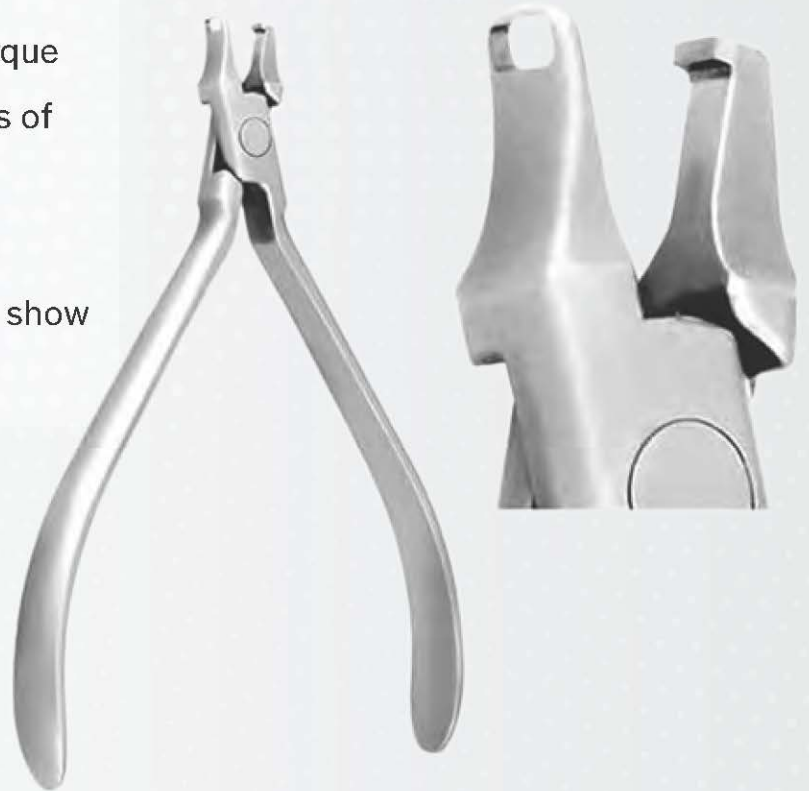


## VERTICAL TORQUE FORMING PLIER

- These pliers allow formation of vertical indentations on mesial or distal aspect of the aligners that allow the incorporated rotational movements to take place more effectively by creating pressure on the desired mesial or distal surface of teeth
- These stainless steel pliers are designed to produce indentation in aligners surface to an appropriate depth suitable to create pressure on tooth surface without causing any tears in aligner surface

# HORIZONTAL TORQUE FORMING PLIER

- These pliers like vertical torque forming pliers have a sturdy design to create horizontal indentations in the aligners without tearing or cutting through the aligner material
- These horizontal torques produce torque movements in crowns as well as roots of the tooth aiding the incorporated movements of the aligners
- These are made of high strength and show good resistance to corrosion



# DIMPLE REMOVING PLIER

- These pliers help to remove the dimple dot from places in the aligners where they are accidentally or wrongly created
- The flat beaks made of high quality stainless steel are strong enough to provide consistent working over longer periods of time
- The handles allow adequate grip through its beaks on to the aligners surface in an efficient manner for effective removal of dimple dots



# ATTACHMENT OR BRACKET **REMOVING PLIER**

# BRACKET REMOVING PLIERS

- Robust design that allows secure grip on bracket or attachment to allow for their easy removal
- Tip is made of tungsten Carbide that enhances the working efficiency of the instrument
- The design of the handles and matte finish of the handles provide firm grip on the handles enabling ease of manipulation
- Available in two designs to be used for anterior and posterior teeth separately



FOR POSTERIOR TEETH



FOR ANTERIOR TEETH



# WIRE CUTTING PLIERS

# STRAIGHT WIRE/LIGATURE WIRE CUTTER

- Precise cutting tip made of tungsten carbide that enhances the wire cutting efficacy of pliers
- Allows easy and effortless usage for cutting of wires and ligature wires to allow smooth process of treatment
- Available in matte or polished finish





## **DISTAL END CUTTER**

- Allows cutting of wires at the distal ends particularly of posterior teeth
- Provide smooth, clean and accurate cuts
- Allows secure grip on loose cut ends preventing displacement in the surrounding oral structures
- Its high quality carbide tip allows it to be used over longer periods of duration



# FLUSH CUTTER

- Provides precise wire cutting at the distal end of buccal tubes.
- Provide a smooth cut with the feature to safely hold wire protruding from molar tubes enhancing the comfort of patient during treatment
- Safety hold mechanism allows to hold wire in plier without it being dislocated in surrounding oral tissue



# WIRE BENDING PLIERS

# TWEED LOOP FORMING PLIER

- Perfect pliers for creating helical loops in wires
- Available as three various loop sizes to be used with ease to make different sizes of loops in wires
- Available as Diameter of 1.4 mm, 1.9 mm and 2.3 mm
- The design and ease of use through firm grip on handles and serrated plain beak part allows the wire to be firmly gripped between the two beaks for bending and loop formation



# BIRD BEAK PLIER

- Available as long and short beaks
- Long beaks allow firm grip making it easy to create loops
- Short beak pliers are more like Adam's pliers allowing to create loops in wires meticulously
- Have one beak in a square shape that provides grip to the wire
- The other beak is rounded allowing easy manipulation of wire into loops



# ADAM'S PLIER

- Our unique stainless steel Adam's plier undergo various quality checks before they are made available for the clinical practice enhancing longevity of use and product strength
- A stable joint allows proper usage while bending wires
- Flat beaks that allow easy wire bending at various angles



# ADERER PLIER

- The two beaks have one and two jaws respectively making it commonly known as three prong pliers
- Allows effective 90 degree to 360 degree bends in the wire
- Its high quality is achieved because of a smooth joint that allows firm grip on handles to be used for wire bending without risk of losing firm grip on the wire



# HOWE PLIER

- Used for grasping and bending wires
- Available as matte and shiny finish
- Long beaks allow ease of use during treatment





# NANCE LOOP FORMING PLIER

- The lean beaks of this plier along with the loop forming surface available in 4 lengths allows it to be used for multiple purposes from orthodontic wire bending to wire bending for jewelry products.
- Provides comfortable and smooth bending of wires without being affected much over longer duration of times because of its high strength and durability



# JARABACK PLIER

- They are designed to allow smooth grip on handles for closing loops and bending the hard wires
- The inner surface of beaks have grooves that allow precise bending of wires
- Closing of loops is also made easier due to their tight grip and firm grip on handles



# GORDON'S PLIER

- The pliers are designed such that they can be used in clinical practice for various purposes
- From wire bending to contouring wires, bands and crowns, these are used for multiple reasons in orthodontics as well as prosthodontics



# HOLLOW CHOP CONTOURING PLIER

- They are designed to reshape the wires
- Their grip and firm design of beaks allow contouring of arch wires with ease
- Palatal arches can also be formed very easily using these pliers
- The plier is available as matte finish with one beak as concave and another convex to allow effortless reshaping of wires.



# DOLPHIN STYLE ADAMS PLIER

- The design is made to provide 2 in 1 functions of wire bending as well as wire cutting
- Made of high quality stainless steel that is resistant to corrosion
- The design allows ease of manipulation due to its dual function



# WIRE HOLDING AND **PLACING PLIERS**

# MATHIEU'S PLIER

- The pliers are designed to lock the elastics and ligature wires in place during orthodontic treatment
- Allow to hold suture needles in place during oral surgical procedures
- The plier has narrow beaks and long handles that allow firm grip making it easier to use during treatment



# WEINGART PLIER

- These are used for placement and removal of arch wires
- Have serrated tips that allow firm grip on the wires being worked on
- Handles are designed such that they provide better and firm grip on wire placement and removal particularly from molar tubes and brackets
- Made of high quality stainless steel and provide good resistance to corrosion making them useful tool in clinical practice to be used over longer periods of time





# BAND CONTOURING AND REMOVING PLIERS

# JOHNSON CROWN AND BAND CONTOURING PLIER

- Our Johnson Crown Contouring Dental Plier, a specialized instrument that has enhanced crown form contours and improve gingival margins which are not only aesthetically pleasing but helps to improve the treatment comfort
- Our Crown Contouring Dental Plier is meticulously crafted to ensure consistent durability and precision



# BAND REMOVING PLIER

- Our Band Removing Orthodontic Pliers designed to remove bands, brackets, and adhesives in a swift yet careful manner
- The tip or beak of our band removing orthodontic pliers is thoughtfully designed to ensure a secure hold on bands, brackets, and adhesives, minimizing the risk of slippage and enhancing accuracy



# CINCHING PLIER

# CINCH BACK PLIER

- With the Cinch Back Plier, you can effortlessly apply pressure from the patient's molar, ensuring a secure and fixed direction
- Its slim design allows for easy and quick bending of distal ends within the mouth, saving valuable chair side time
- With this innovative tool, you can confidently and efficiently fold Ni-Ti wires without compromising their integrity



# SEPARATOR PLIER

- These are designed to hold the separators with firm grip for placement between molars for creating space for molar bands
- The tapered tips which are designed such as to provide proper grip on separators allow effective control during treatment making placement of separators easier
- The barrel shaped handles allow firm grip to loosen the separators for placement without creating undue pressure on hands
- The tips are angled preventing slippage allowing working with these pliers easier



# MISCELLANEOUS INSTRUMENTS

# INTRODUCING THE IPR GAUGE

- Complementing the IPR Strip, this sleek key-shaped gauge provides precise measurements and a comfortable grip
- Available in calibrated measurements of 0.1, 0.20, 0.25, 0.3, 0.4, and 0.5 mm
- It enables tailored dental procedures for optimal results by allowing clinician to measure the spaces between teeth where IPR is performed





# IPR STRIP HOLDER

- Designed for interproximal reduction procedures, it guarantees a firm grip and secure clasps, ensuring the IPR strip stays in place with unparalleled control
- Crafted from high-quality metal, our IPR Strip Holder offers exceptional durability and longevity
- Autoclave it effortlessly without compromising its integrity, maintaining hygiene and safety standards



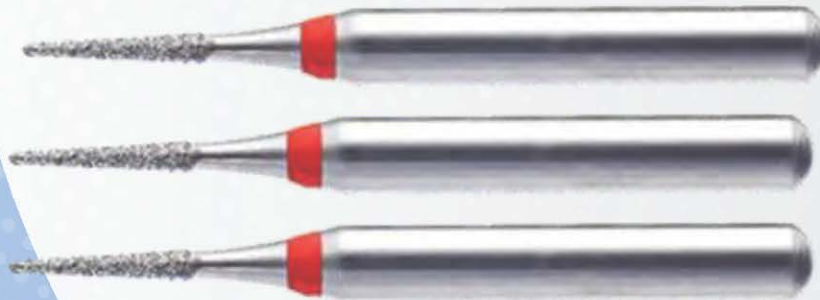
# IPR STRIP

- Crafted with meticulous attention to detail, our high-quality strips deliver unparalleled results
- Available in single-sided and double-sided options, they offer better control of IPR



# IPR BURS

- The Mosquito Bur sets a new standard for excellence, enabling remarkable outcomes with ease
- Choose from a range of sizes designed to perform IPR of up to 0.7 mm
- With a length of 5mm and a size of 1.6mm, they offer optimal performance
- With an impressive rotation speed of 450,000 RPM, our bur swiftly cuts through enamel, delivering efficiency and a smooth finish



# IPR DISC

- These diamond-coated abrasive discs deliver exceptional results in interproximal reduction procedures
- Operating at 5000 RPM, our discs provide optimal speed and precision. Choose from single-sided or double-sided options for seamless interproximal reduction. Can work at up to 20000 RPM
- We can also provide safety guards for discs which prioritizes patient safety and tissue preservation



# STAINLESS STEEL AND COMPOSITE BUTTONS

- The Mosquito Bur sets a new standard for excellence, enabling remarkable outcomes with ease
- Choose from a range of sizes designed to perform IPR of up to 0.7 mm
- With a length of 5mm and a size of 1.6mm, they offer optimal performance
- With an impressive rotation speed of 450,000 RPM, our bur swiftly cuts through enamel, delivering efficiency and a smooth finish



# ELASTICS

- Introducing Our Exceptional Elastics available as latex elastics or latex free elastics for Optimal Force and an unmatched Comfort!
- Achieve outstanding orthodontic results with our top-of-the-line latex elastics.
- Designed for comfort and precision, they deliver consistent force to deliver results.
- Comes in various sizes and strength for multiple uses in orthodontic treatment



# COMPOSITE FINISHING BUR

- Designed to provide a smooth and flawless finish, they deliver exceptional results without compromising delicate restorations or aligner attachments
- Available as red and yellow bands to allow finishing of composite restorations as well as attachments bonded to teeth for improving effectiveness of aligners
- Works optimally at 30000 RPM



# POLISHING BUFF

- Achieve unmatched marginal finish for aligners
- Engineered to perfection, it ensures a smooth, flawless surface without leaving any sharp margins that prevent any discomfort or gum irritation
- Achieve exceptional results while promoting patient satisfaction
- Can be easily disinfected





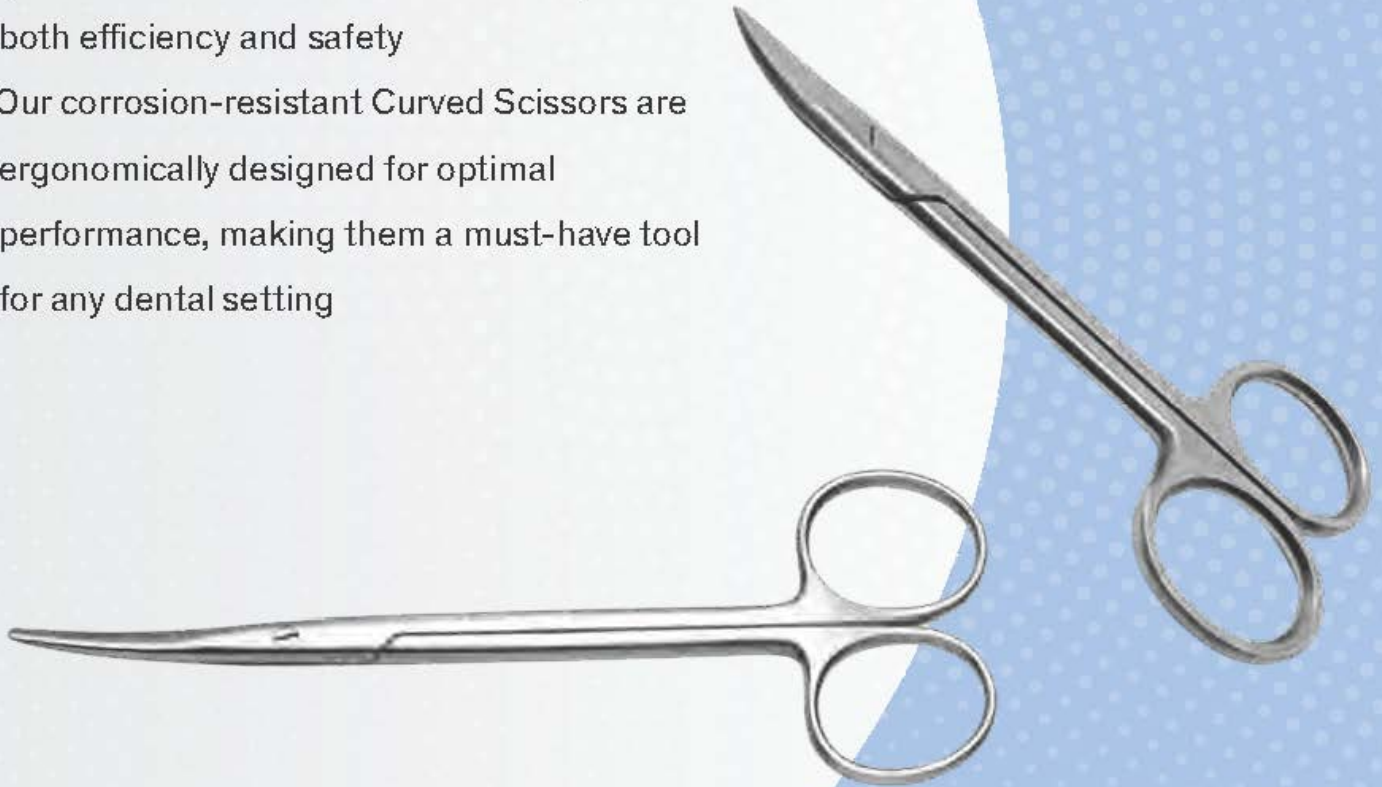
# VULCANITE BUR

- Our Vulcanite Burs are available in various sizes and shapes to simplify your job for finishing of acrylic dental appliances as well as aligners
- Say goodbye to rough surfaces and ill-fitting appliances.
- Save time and resources with the long-lasting sharpness of our Vulcanite Bur
- Its exceptional durability eliminates the need for frequent replacements



# CURVED SCISSOR

- Perfect for trimming aligners and tackling challenging dental tasks, they offer unmatched precision and durability
- With extended handles for a more controlled grip and autoclavable properties, they ensure both efficiency and safety
- Our corrosion-resistant Curved Scissors are ergonomically designed for optimal performance, making them a must-have tool for any dental setting



# CLEAR ALIGNER INSTRUMENTS KIT

Introducing our comprehensive Clear Aligner Instrument Kit, the ultimate companion for a successful aligner treatment journey

This meticulously curated kit includes all the essential instruments you need to ensure seamless treatment planning and minimize refinements

Say goodbye to setbacks and embrace a smoother, more efficient aligner experience with our exceptional aligner instruments. Invest in precision and set your treatment on the path to success



# OUR TOP SELLING PLIERS

## HOLE PUNCH PLIER

- ▶ Provides adequate grip on the aligners
- ▶ Provide precision cuts without tearing the aligner surface
- ▶ Leaves smooth margins after usage



## TEAR DROP PLIER

- ▶ Its specific design allows you to create a notch in the aligner
- ▶ Provides a reservoir to hold the elastics in place as the aligner is seated
- ▶ Enhance the notch efficiency at the gingival margin without tearing aligners material

- ▶ 420J1 high carbon steel with 13% chromium content
- ▶ Excellent corrosion resistance
- ▶ Can easily withstand **100,000** punches without being affected
- ▶ Provides great tolerance for use

Customize your instruments with your own exclusive company logo, adding a touch of uniqueness to your professional toolkit. Don't miss out—hurry and embrace the best with **DDC Instruments**

**INVEST IN EXCELLENCE AND MAKE A LASTING  
IMPRESSION WITH OUR EXTRAORDINARY INSTRUMENTS**

## OUR TOP CLIENTAGE IS FROM



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