



# ORTHODONTIC CATALOG 2023



## WELCOME TO MAGNUM ORTHO'S 2023 CATALOG

[www.magnumortho.com](http://www.magnumortho.com)

MAGNUM ORTHO'S BUSINESS PHILOSOPHY

KEEP BUSINESS SIMPLE  
PROVIDE HIGH QUALITY PRODUCTS  
BEST WARRANTY IN THE BUSINESS  
OFFER CUSTOMERS A FAIR VALUE  
FOLLOW UP WITH GREAT SERVICE

WE INVITE YOU TO LOOK THROUGH OUR CATALOG AND CONTACT US WITH ANY QUESTIONS OR COMMENTS.



MAGNUM ORTHO

## WARRANTY & REPAIRS

### INSERTED PLIERS:

Magnum Ortho warranties all inserted pliers for five years against defects in material and workmanship. All pliers are hand finished and polished to give you the best feel and performance. Inserts in our pliers are designed for maximum durability and hardness. If for any reason the inserts become loose, we repair them at no charge for five years after the original purchase. Warranty is voided if the product is not used as per specification.

### NON-INSERTED PLIERS AND INSTRUMENTS:

Magnum Ortho warranties these instruments against defects in material and workmanship. Warranty is voided if product is not used as per specifications.

Magnum Ortho repairs nearly all brands of pliers. Our normal turnaround time is 7-10 business days. However, pliers which might need additional parts or work may require longer time.

Upon receipt of instruments we will advise you of approximate repair time. When you have repairs, please call us and we will fax you a repair form. Please fill out the form completely as this will help us process your repair when received.

We warranty our repairs for a period of six months from the repair date. Each instrument is marked with a repair date to allow you to check the warranty date.

All products come with a 30 day hassle-free return policy. Please call us toll free at 800-336-9710 for a RMA. Once product is received, we will refund or credit your account.

WE ACCEPT VISA, MASTERCARD, AND AMERICAN EXPRESS.



**20-140-2**  
Ligature Cutter

**Length:** 5.00"  
For soft wires only. Cuts ligature wire at very tip-stainless steel insert  
**Maximum cutting capacity:** .012" (.31mm)  
High speed stainless steel insert



**20-140-3**  
Ligature Cutter

**Length:** 5.00"  
For soft wires only. Cuts ligature wire at very tip.  
**Maximum cutting capacity:** .012" (.31mm)  
High speed stainless steel insert



**20-140-4**  
Ligature Cutter Slim

**Length:** 5.25" 13 CM  
For soft wires only. Cuts ligature wire at very tip.  
**Maximum cutting capacity:** .012" (.31mm)  
High speed stainless steel insert



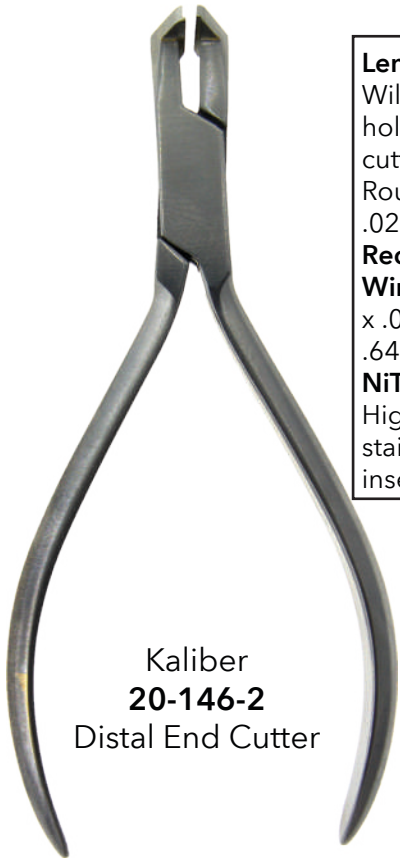
**20-143-3**  
Ligature Cutter 10° Angle

**Length:** 5.00"  
For soft wires only. Cuts ligature wire at very tip-stainless steel insert  
**Maximum cutting capacity:** .012" (.31mm)  
High speed stainless steel insert



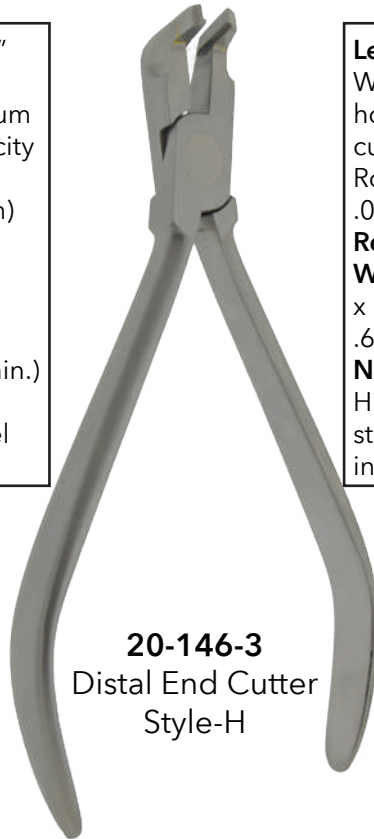
ALL CUTTERS HAVE INSERTED TIPS





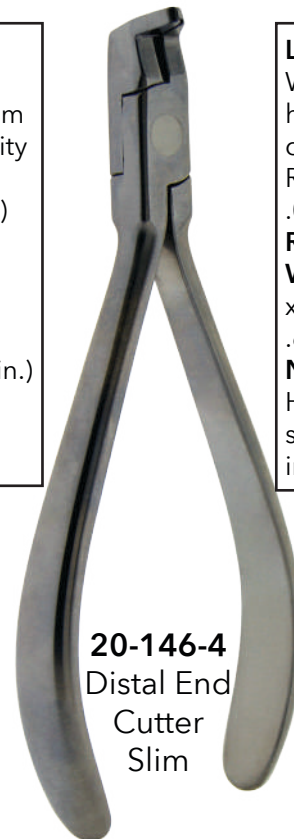
Kaliber  
**20-146-2**  
Distal End Cutter

**Length:** 5.00"  
Will cut and hold. Maximum cutting capacity  
**Round Wire:** .020" (.71mm)  
**Rectangular Wire:** .019" x .025" (.53 x .64mm)  
**NiTi:** .014"(min.)  
High speed stainless steel insert



**20-146-3**  
Distal End Cutter  
Style-H

**Length:** 5.00"  
Will cut and hold. Maximum cutting capacity  
**Round Wire:** .020" (.71mm)  
**Rectangular Wire:** .019" x .025" (.53 x .64mm)  
**NiTi:** .014"(min.)  
High speed stainless steel insert



**20-146-4**  
Distal End  
Cutter  
Slim

**Length:** 5.25"  
Will cut and hold. Maximum cutting capacity  
**Round Wire:** .020" (.71mm)  
**Rectangular Wire:** .019" x .025" (.53 x .64mm)  
**NiTi:** .014"(min.)  
High speed stainless steel insert



**20-146F-2**  
Distal End  
Cutter  
Flush

**Length:** 5.00"  
Will cut and hold. Maximum cutting capacity  
**Round Wire:** .020" (.71mm)  
**Rectangular Wire:** .019" x .025" (.53 x .64mm)  
**NiTi:** .014"(min.)  
Cuts arch wire flush to buccal tube  
High speed stainless steel insert



**20-146F-4**  
Distal End  
Cutter  
Flush-Slim

**Length:** 5.25"  
Will cut and hold. Maximum cutting capacity  
**Round Wire:** .020" (.71mm)  
**Rectangular Wire:** .019" x .025" (.53 x .64mm)  
**NiTi:** .014"(min.)  
Cuts arch wire flush to buccal tube  
High speed stainless steel insert

ALL CUTTERS HAVE INSERTED TIPS



Designed to provide greater patient comfort and ease of use for orthodontist and assistant.



**20-147-2**  
Distal End Cutter

**Length:** 6.00"  
Maximum cutting capacity  
**Round:** .020" (56mm)  
Rectangular: .019" x .025"  
**NiTi:** .014"(min.)



**20-147-3**  
Distal End  
Cutter  
Style-H

**Length:** 5.5" 14 CM  
Maximum cutting capacity  
**Round:** .020" (56mm)  
Rectangular: .019" x .025"  
**NiTi:** .014"(min.)  
High speed stainless steel insert



**20-147-4**  
Distal End  
Cutter  
Long Handle  
Slim

**Length:** 5.75" 15 CM  
Maximum cutting capacity  
**Round:** .020" (56mm)  
Rectangular: .019" x .025"  
**NiTi:** .014"(min.)

ALL CUTTERS HAVE INSERTED TIPS





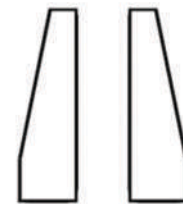
**Length: 4.75"**  
Will bend wires up to .030" (.76mm)

**20-440**  
Three  
Prong  
Pliers Small



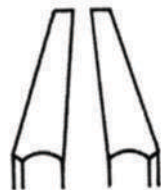
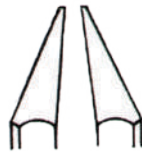
**Length: 4.75"**  
Will bend wires up to .030" (.76mm)

**20-442-1**  
Three  
Prong  
Pliers Regular  
Beaks



**Length: 5.00"**  
Will bend wires up to .030" (.76mm)

**20-442N**  
Three  
Prong  
Pliers Narrow  
Beaks



**Length: 5.00"**  
Will bend wires up to .030" (.76mm)

**20-52-442XN**  
Three  
Prong  
Pliers Extra  
Narrow Beaks



ALL THREE PRONG WIRES DIMENSIONS ARE FOR SOFT .030" WIRES ONLY





**20-TEF-5**  
5.2mm Tip  
Designed  
for  
high heat

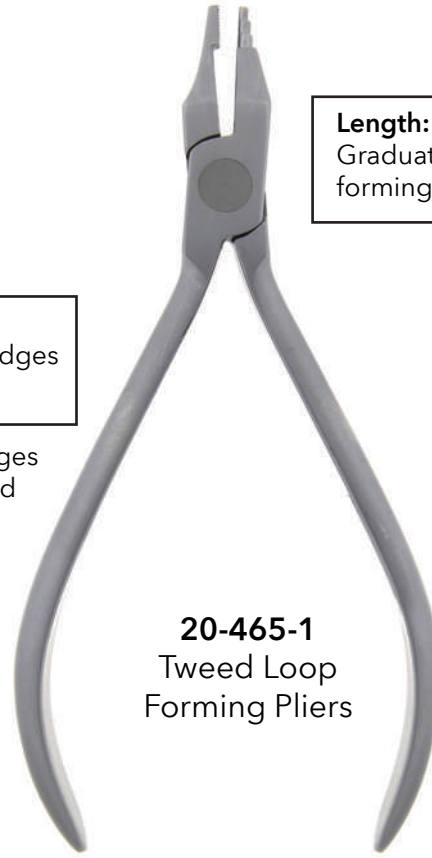


**20-210**  
Composite Bond  
Removing Pliers



20-Cart  
Replacement Cartridges  
(Not Included)

Additional Cartridges  
can be purchased



**20-465-1**  
Tweed Loop  
Forming Pliers

**Length: 5.50"**  
Graduated cone for  
forming precise loop



**20-452**  
Optical Pliers

**Length: 5.50"**  
For closing of loop and arch  
adjustment



**20-420-1**  
Jarabak Pliers

**Length: 5.50"**  
Used for bending arches  
and closing of loops. Very  
tip of one beak is serrated





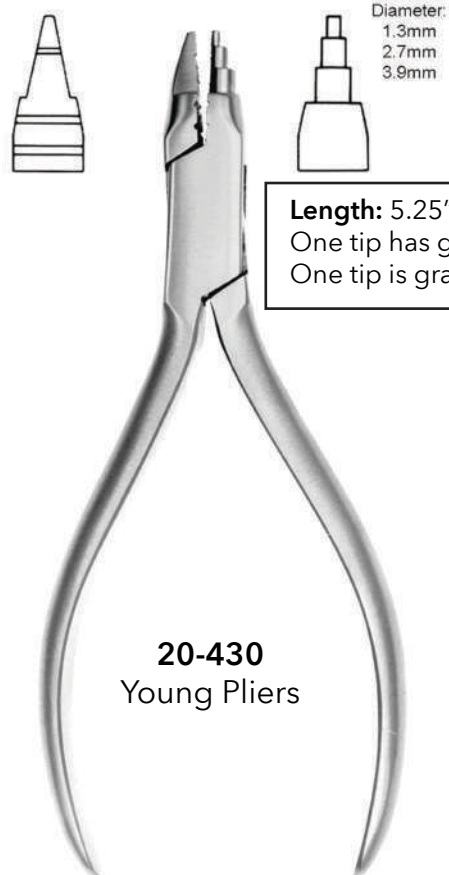
**Length: 5.00"**  
 For forming and cinching  
 rectangular wires up to .028".  
 Jaws are serrated

**20-593-45**  
 Cinch Back Pliers



**Length: 5.00"**  
 For forming and cinching  
 rectangular wires up to .028".  
 Jaws are serrated

**20-593-90**  
 Cinch Back Pliers



**Length: 5.25"**  
 One tip has grooves  
 One tip is graduated

**20-430**  
 Young Pliers







**Length: 5.50"**  
Smaller tips

**20-570-1**  
Weingart Pliers



**Length: 5.50"**  
Serrated tips for firm grip

**20-571-1**  
Weingart Pliers  
(Slim Jaw)



**20-570TC-1**  
Weingart Pliers  
(Inserted)



**Length: 5.50"**  
Serrated tips for firm grip  
Angled shape

**20-570-2**  
Weingart Pliers





**Length:** 5.00"  
**Maximum cut:** .019" x .025"  
With cutter

**20-520C**  
Bird-Beak Pliers



**Length:** 5.25"  
**Maximum Wire Capacity:** .020"

**20-520L**  
Light Wire  
Bird-Beak Pliers



**20-520-2**  
Bird-Beak  
Pliers Serrated



**Length:** 5.00"  
Will form wire up to .030"  
(.76mm) soft. One tip is  
cone-shaped. One tip is  
pyramidal

**20-520-1**  
Bird-Beak Pliers





**20-460S**  
Arch  
Forming Pliers  
(Slim)

**Length: 5.00"**  
Designed for placing bends



**20-460-1**  
Tweed  
Rectangular  
Pliers



**20-057**  
Band Slitting Pliers  
Ligature style designed  
to cut upper and lower  
bands



**20-058**  
V-Bend Stop  
Pliers

**Length: 5.00"**  
Makes 1mm V-Bends





**20-578-1**  
Hook  
Crimping  
Pliers



**20-TEF-5**  
5.2mm Tip  
Designed  
for  
high heat

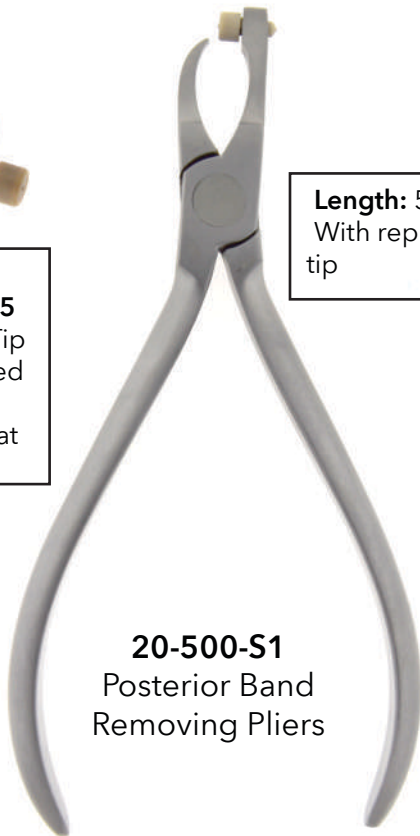


**20-500-1**  
Posterior Band  
Removing Pliers

**Length: 5.00"**  
With replaceable teflon  
tip



**20-TEF-5**  
5.2mm Tip  
Designed  
for  
high heat



**20-500-S1**  
Posterior Band  
Removing Pliers

**Length: 5.00"**  
With replaceable teflon  
tip



**20-567-1**  
Torquing Pliers  
with Key  
0,16"/0.18"





**20-580C-1**  
Bracket  
Removing Pliers  
(Angled)



**20-580-1**  
Bracket  
Removing Pliers



**NEW**  
**20-566-I-2**  
Torquing Pliers  
(Inner)

**Length: 5.0"**  
**Rectangular Wire: .022" x .028"**  
(.56mm x .71mm)



**NEW**  
**20-566-O-2**  
Torquing Pliers  
(Outer)





**20-575-1**  
Step Plier  
(1mm)

**Length:** 5.25"  
**Round Wire:** .014"-.020" (.36-.51mm)  
**Rectangular Wire:** .022" x .028" (.67 x .71mm)

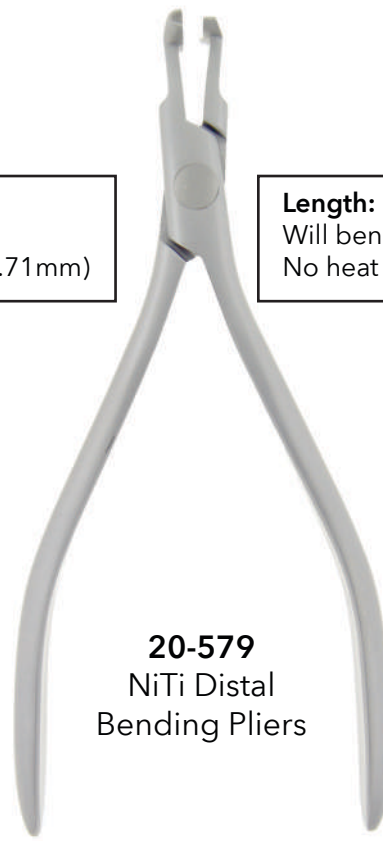


**20-575-75**  
Step Plier  
(.75mm)



**20-575-5**  
Step Plier  
(.50mm)

**Length:** 5.25"  
**Round Wire:** .014"-.020" (.36-.51mm)  
**Rectangular Wire:** .022" x .028" (.67 x .71mm)



**20-579**  
NiTi Distal  
Bending Pliers

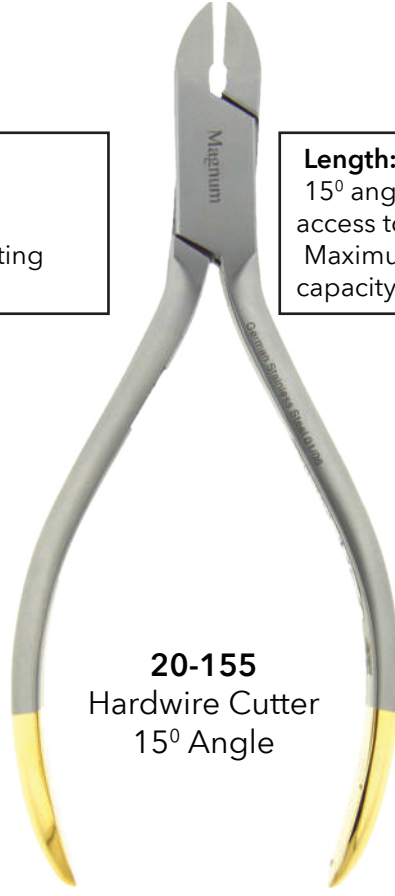
**Length:** 5.25"  
Will bend .014 NiTi  
No heat





**Length: 5.00"**  
 Designed for  
 hardwires  
 Maximum cutting  
 capacity .020"

**NEW**  
**20-154TC**  
 Hardwire Cutter



**Length: 5.00"**  
 15° angle increases  
 access to difficult areas  
 Maximum cutting  
 capacity: .020"

**20-155**  
 Hardwire Cutter  
 15° Angle



**Length: 5.00"**  
 Designed for  
 hardwires  
 Maximum  
 cutting capacity  
 .027"

**20-156**  
 Hardwire Cutter



**Length:**  
 6.00"  
 Will cut  
 up to .036"  
 (.91mm)  
 Not a P&L  
 cutter

**20-540**  
 Hardwire Cutter



**Length: 7.00"**  
 Double-Action joint  
 provides  
 greater cutting  
 power. Great  
 for head-gear wire.  
 Can be  
 used intra-orally  
 Will cut up to .060"  
 (1.5mm)

**20-5470**  
 Double-Action  
 Hardwire Cutter



**Cutting  
 Capacity:**  
 .90mm / .035"

**20-541-R**  
 Heavy-Duty  
 Cutter  
 Red Handle  
 For Lab user  
 only





**20-543**  
Bubble  
thermoforming  
plier



**20-546**  
**Length:** 5mm x  
5.5mm  
Designed to create  
half-sphere  
cutouts for clear  
aligner.



**20-547**  
**Horizontal Hole:**  
designed to make an  
indentation  
to accent individual  
root torque



**20-548**  
**Vertical Hole:**  
Makes  
indentation on  
the mesial  
or distal line for  
rotational control



**20-549**  
**Tear Drop:**  
Designed to add a notch  
at the gingival margin of  
aligner where elastic  
hooks  
are required





## Hole Punch Pliers



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## Dimple Pliers





**Length: 5.50"**  
 Available in both fine and regular tip Jaws have machine-milled cross serrations Glide spring is designed to resist scratching Glove-safe ratchet will help reduce hand fatigue

**20-014B-1**  
 Mathieu  
 Offset Ratchet  
 (Regular  
 tip)



**20-014B-N-1**  
 Mathieu  
 Offset Ratchet  
 (Narrow  
 Tip)



**Length: 5.50"**  
 Tungsten Carbide allow use for elastic or steel ligatures Glide spring resists scratching Glove-safe ratchet will help reduce hand fatigue

Tips are warranted for 5 years under normal use

**20-014B-TC-1**  
 Mathieu  
 Offset Ratchet  
 (Inserted)



**Length: 5.50"**  
 Machine-Milled cross serrations on tip only for placements of elastics

**20-012-1**  
 Mathieu with  
 Ligature Hold





**Length:** 5.50"  
 Hook is small enough to fit in elastic. Double spring reduces wear on instrument

**20-015-1**  
 Mathieu  
 (with hook)



**Length:** 5.50"  
 Jaws are finely tapered for easy placement or removal of elastics. Double springs reduce wear on body of instrument.

**20-010-1**  
 Mathieu Fine  
 Point



**20-010C-1**  
 Mathieu  
 Fine Point  
 Curved



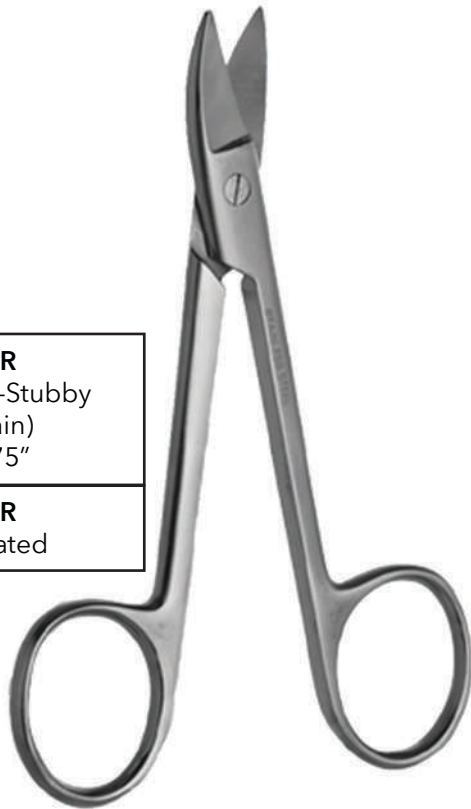
**20-1580**  
Aligner Scissors



<b>30-1570LR</b> Aligner Scissors-Stubby (Straight Plain) <b>Length: 4.75"</b>
<b>30-1571LR</b> Straight Serrated



<b>30-1575LR</b> Aligner Scissors-Stubby (Curved Plain) <b>Length: 4.75"</b>
<b>30-1576LR</b> Curved Serrated



**20-072**  
Cap Remover



MADE IN THE U.S.A - KNURLED HANDLES - FINEST STAINLESS STEEL



**20-OLD1**  
Ligature Director



**20-OLD 1-2**  
Ligature Director 1-2



**20-OLD 1-SC-H5**  
Ligature Director/Scaler #5



**20-OLD 1-OBP**  
Ligature Director/Band Pusher



**20-OLD1-PLG6**  
Ligature Director with Plugger 6



**20-OLD1-PLG8**  
Ligature Director with Plugger 8



**20-OLD1-SC2**  
Ligature Director with Heavy Scaler



**20-PLG-2.8-1.1**  
Plugger 2.8mm-1.1mm



**20-OLD 1-SC-U15**  
Ligature Director with U15 Scaler



**20-OLD1-EXP23**  
Ligature Director with Explorer 23



**20-PFI #3**  
Plastic Filling Instrument



**20-PR-36912**  
Periprobe with 3,6,9, and 12mm markings



MADE IN THE U.S.A - KNURLED HANDLES - FINEST STAINLESS STEEL

**20-OBP-SC-2**

Band Pusher with  
scaler 2



**20-OBP-SC-H5**

Band Pusher with  
Scaler H5



**20-OBP**

Band Pusher-Single  
End



**20-OLD 1-OBP**

Ligature Director/  
Band Pusher



**20-OBP-SC-U15**

Band Pusher with  
Scaler U15



**20-OBP-SQ-OLD-V**

Band Pusher Square  
with "V" shaped Director



**20-SC-204 DE**



**20-SC-204S DE**



**20-SC-H5 DE**

Available as single end  
(20-SC-H5)



**20-SC-H6-7**



**20-SC-U15-JAC 1**





20-EXP #5



6 mm Tip

20-EXP #6



7 mm tip

7 mm Tip

20-EXP #6A



20-EXP #23



20-WILL #23



20-EXP-HVY



Heavy Duty Explorer with Ligature Director

**NEW**  
20-EXP-HVY-OLD 1



Bracket Adjustment and Ligature Director with Angle

**NEW**  
20-OLD 2-PFI #4





**20-005**  
Keat Molar  
Bracket Placer  
**Length: 4.75"**



**20-005L**  
Keat Molar  
Bracket Placer  
**Length: 6.75"**



**20-005R**  
Keat Molar  
Bracket Placer  
(Reverse)



**20-006**  
Anterior Bracket  
Placing Tweezers  
**Length: 5.5"**



**20-007**  
Posterior Bracket  
Placing Tweezers  
**Length: 5.0"**



**20-009**  
Direct Bond  
Bracket  
Holder



**30-0010**  
College Pliers  
**Length: 6.25"**



**30-0020**  
College Pliers  
(Locking)  
**Length: 6.25"**



**30-0031**  
Articulating  
Pliers  
**Length: 6.25"**



**30-0050**  
Merriam  
Pliers  
**Length: 6.5"**



**30-0060**  
Perry Pliers  
**Length: 4.75"**







**20-002**  
Elastic Forceps  
**Length: 5.0"**



**20-003**  
Elastic Forceps with Hook  
**Length: 5.0"**



**20-004B**  
Separating Pliers (Offset Angle)  
**Length: 6.0"**



**50-1720**  
Mosquito Forceps (Straight)  
**Length: 5.0"**



**50-1730**  
Mosquito Forceps (Curved)  
**Length: 5.0"**





<p><b>20-640-020</b> Adult Occlusal/ Child Occlusal</p>	<p><b>20-640-021</b> Buccal Lateral</p>	<p><b>20-640-022</b> Adult Occlusal/ Child Occlusal</p>	<p><b>20-640-023</b> Adult Buccal/ Adult Occlusal</p>	<p><b>20-640-024</b> Lingual Upper/ Lingual Lower</p>	<p><b>20-640-025</b> Child Buccal/ Adult Buccal</p>	<p><b>20-640-026</b> Child Occlusal/ Child Buccal</p>
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**20-024**  
Cement Spatula #24  
(Flexible Blade)



**20-024L**  
Cement Spatula #24  
(Long-Flexible Blade)



**20-025**  
Wooden Spatula  
(Wide)



**20-026**  
Wooden Spatula  
(Narrow)



**20-050**  
Band Pusher/ Seater



**20-080**  
Orthodontic Caliper (cm)



### Bracket Height Gauge

*Stainless Steel*



.018"

**20-BHG-018**

Marked on both sides



.022"

**20-BHG-022**

Marked on both sides

### Drawer Tweezer



20-008



Drawer Tweezer in Use

### Wire-Placer Tweezer Style



20-067

### Stainless Steel Front Surface Mirrors

*Eliminate "Ghost Images"*

*Guaranteed clear vision, free from distortion*

*All mirrors double as cheek retractors*



20-660-MH CS



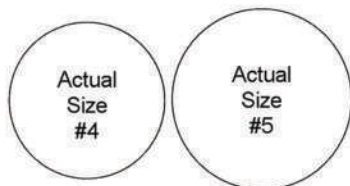
**20-660-MH-CS**

Cone Socket Octagonal

Stainless Steel

Handle Fits #3, #4, #5 Mirrors

Handle is etched with ruler markings in "mm"



Actual Size #4

Actual Size #5



**20-660-8**

Large Mirror (40 MM) with handle. Used for lingual view of teeth alignment



### SLIM LINE

NEW



Holds 4 Pliers & 3 Hand Instruments

Outside Dimensions :  
 7" x 8" x 0.75"  
 178 mm x 203 mm x 19 mm  
 Part # 20-OCS 4-3

NEW



Holds 7 Pliers & 4 Hand Instruments

Outside Dimensions :  
 8" x 11" x 0.75"  
 203 mm x 280 mm x 19 mm  
 Part # 20-OCS 7-4

### 20-DMCP 1

Depth: 1.0"  
 Width: 5.25"  
 Height: 7.75"  
 -Single hinge, medium cassette  
 -Flip-up plier rack  
 -Dual locking latches  
 -All sterilization methods  
 -Holds 8 pliers and 5 hand instruments



### 20-DSC 1

Depth: 1.0"  
 Width: 2.5"  
 Height: 7.75"  
 -Single hinge, small cassette  
 -Snap locks  
 -All sterilization methods  
 -Holds 4 pliers and 2-4 hand instruments



## Silicone Color Code Rings

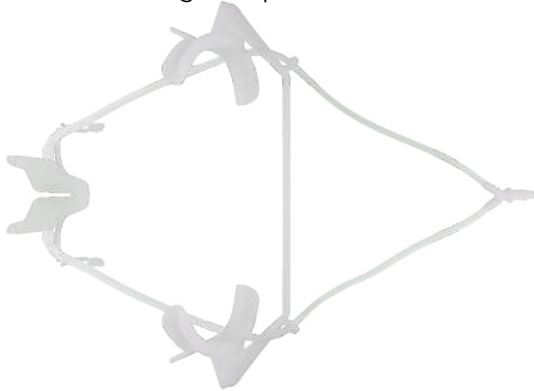
Assorted Code Rings  
80/Box



20-202CD-A

## Nola Dry Field System

Nola - Keeps the mouth dry while isolating arches from tongue and cheeks. Combined into each appliance is an adjustable cheek retractor, saliva ejector, tongue guard and low-volume suction connection. Great for sealants, ortho bonding, and posterior restorations.



20-100-70 NOLA Dry Field System-Large

20-100-72 NOLA-Dry Filed System-Small

High-heat plastic and silicone construction.  
Autoclavable to 280°F. Simple assembly required.

## Micro Applicators



20-800-600 BLK

20-800-600 RED

20-800-600 GRN

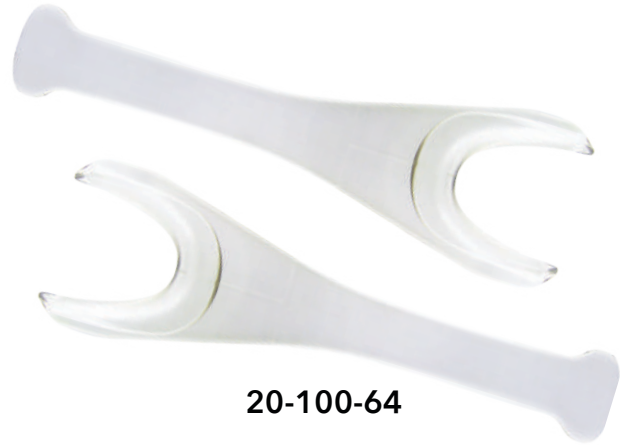
20-800-600 YLW

20-800-600 BLU

20-800-600 PUR

## Buccal EZ View Retractor

Unique "V" shape makes it possible to capture  
Buccal Photos without a mirror, while  
ensuring patient comfort



20-100-64

## Photo EZ Photography Retractor

Auto clavable to 270 degrees  
Comes in a set of two



20-100-60



20-100-55 Small/Pedo

20-100-57 Medium/Large

Double-Ended Cheek Retractors

Set of Two per Pack, Auto-Clavable 250



20-100-50 Adult

20-100-52 Child

Photographic Cheek Retractors-Hand  
Hold-Auto-Clavable 250



## Retainer Cases

Manufactured from a high impact plastic similar to stainless steel

**Neon Colors**  
**20-TC 2002**  
Packed-Assorted  
only



Neon Green



Neon Blue



Neon Orange



Neon Pink



Neon Purple



Neon Yellow

**Pastel Colors**  
**20-TC 2002-LT**  
Packed-Assorted  
only



Baby Blue



Green



Orange



Pink



Purple



Yellow

## Aligner Chewies



**20-800-400**  
Green / Mint

**20-800-410**  
Pink / Bubble Gum

**20-800-420**  
Purple / Grape



**20-800-430**  
Yellow / Pineapple



**20-800-440**  
White

## Clenchy™ Aligner Seaters

Revolutionary Aligner Seaters Better Patient Experience  
Guaranteed

Patent, Trademark & FDA Registered

**Clenchy™**  
Ortho Aligner Seaters



**20-800-800**

Available in 50, 100, 250 & 500  
Pcs Per Pack

**Clenchy<sup>2</sup>™**  
Ortho Aligner Seaters



**20-800-800-2**

Hook is ideal for removing aligners  
Available in 50, 100, 250 & 500  
Pcs Per Pack

## Ortho Elastic Placer

Multi-Color Pack of 100



**20-800-700**

Allows for easy placement and removal of intra oral elastics  
One end contains a hook and the other side has a pusher

## Retainer Retrievers



**20-800-500**  
Blue



**20-800-510**  
Green



**20-800-520**  
Orange



**20-800-530**  
Pink



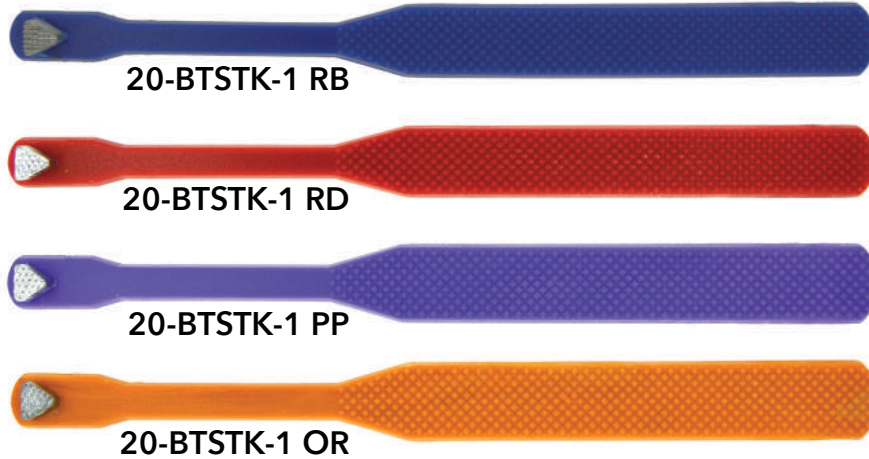
**20-800-540**  
White

Alleviates problems with removing clear appliances  
Patient can remove appliances from buccal side cleanly  
Can be stored in an appliance case or in a key chain with hole provided



### Autoclavable Short-Tipped Bitesticks

Manufactured from a high impact plastic similar to stainless steel  
 Will not flex or bend like traditional bitesticks  
 Sure grip handle is easy to hold, even when the surface is wet



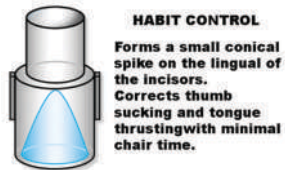
Allows for easy maneuvering inside the mouth  
 Withstands temperatures up to 260° F  
 Stainless steel tip only.  
 Available in four bright colors to help with work station organization

Peg Lateral Kit  
 20-800-500

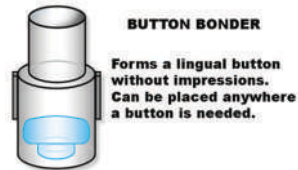


### Mini-Molds

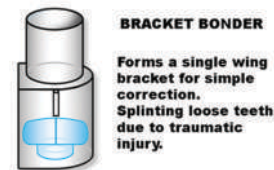
Make fixed retainers, tongue cribs, and bite-opening appliances (without impressions).



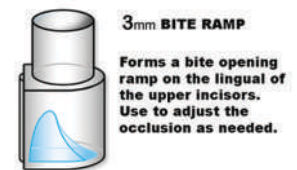
20-800-004



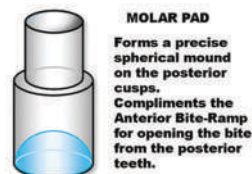
20-800-006



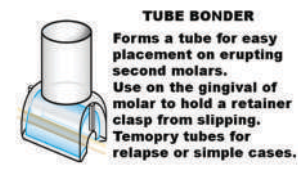
20-800-008



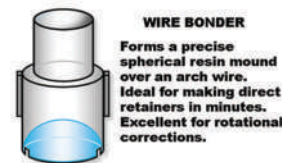
20-800-010 (3mm)  
 20-800-011 (5mm)



20-800-012



20-800-014



20-800-016



**20-800-000**  
 Contains 3 of each mold for a total of 27, plus 2 bonder handles



Plier Rack  
with Cover



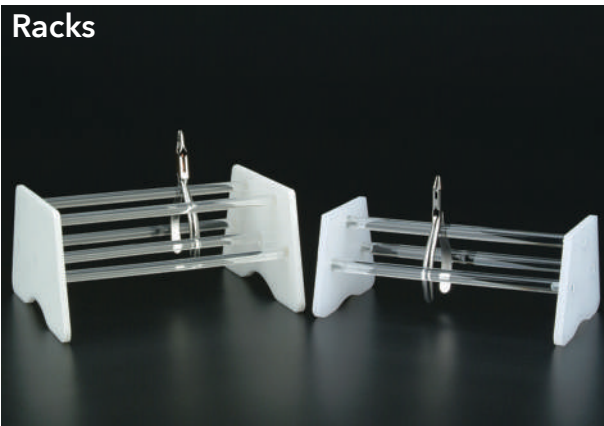
20-1012CR

Racks



20-9280 YLW	20-9280 ORG
20-9280 BLU	20-9280 GRN
20-9280 WHIT (Not Shown)	

Racks



20-9280-10

20-9280-11

## EASY WAY TO CLEAN AND PROTECT YOUR INSTRUMENTS AND HAND PIECES



### Steri Shine

Save Time and Money

All in one solution for pliers and instruments

- No rinsing needed after ultrasonic cleaning
- Quickly removes debris
- Lubricates pliers and instruments (no other solution needed)
- Contains corrosion inhibitors
- Mix with regular water

