



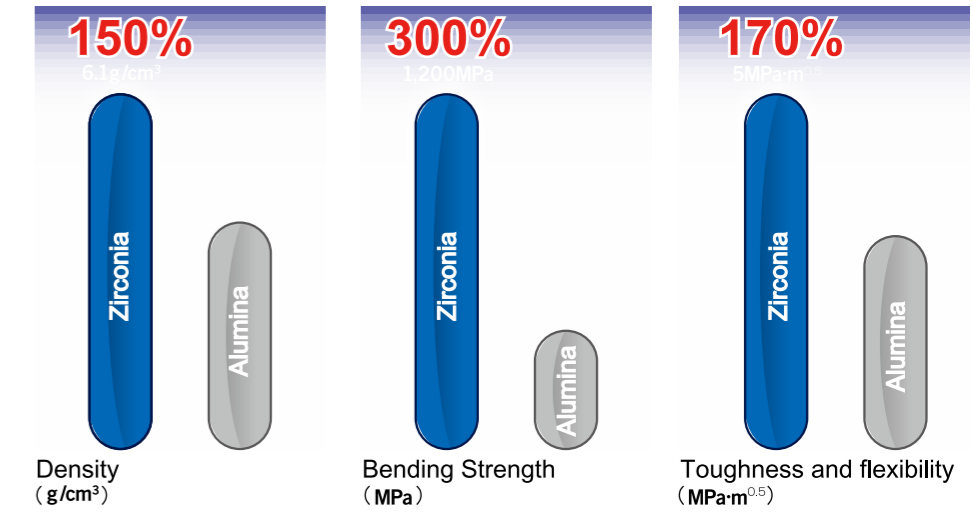
## 6 features of COBY™

ZIRCONIA CERAMIC BRACKETS

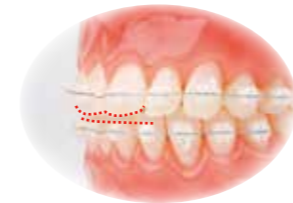


### 1) Excellent Toughness and Flexibility

Great material reduces fracture.



### 2) Low Profile



Zirconia Ceramic provides low profile, compact shape, which reduces occlusal interference.

### 3) Shoulder System

Shoulder

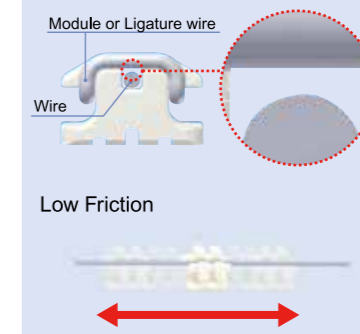


At initial stage, it provides speedy treatment, and middle and late stage, it provides positive torque control.

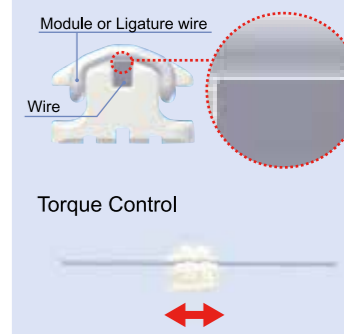
### Comparing to Composite and Alumina



### Initial Stage



### Middle and Late Stage



### 4) Bonding Base

Suitable for any kind of adhesion bond.

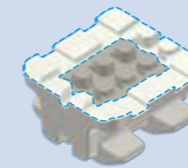
- Light Cure **OK**
- Chemical Cure **OK**

#### Central Base



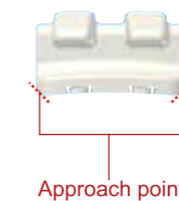
Maximum retentive force exercises in the central undercut part.

#### Outside Base



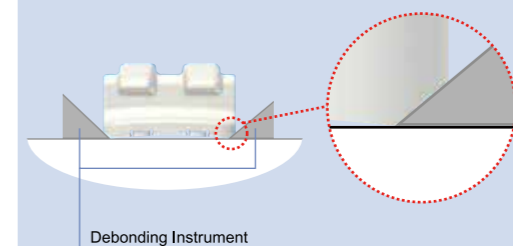
Outside base designed into shallow undercut for smooth debonding.

### 5) Safety Debonding



Approach points for debonding instrument on mesial / distal corners of base provide smooth and safe debonding without breakage of bracket.

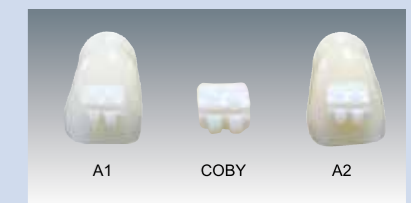
#### Smooth Debonding



### 6) Aesthetics

Similar to natural teeth.

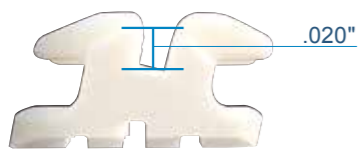
#### Color





# Zirconia Ceramic Bracket COBY

## -Straight .018" slot-



### -Wire Selection for .018" slot.-

[.018" x .025" Slots]

Low friction  
Round wire .012" / .014" / .016" / .018"  
Rect. wire .016" x .016"

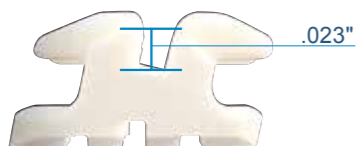
Torque control  
Rect. wire .016" x .022"  
.017" x .025"  
.018" x .025"

	Code No.	Description	Tooth
1 Case kit	27880	STR-018-3-3	$\frac{3+3}{3+3}$
	27881	STR-018-3-3H ※	$\frac{3+3}{3+3}$
	27884	STR-018-5-5	$\frac{5+5}{5+5}$
	27885	STR-018-5-5H ※	$\frac{5+5}{5+5}$

※ Only UL3 : With the hook.

	No.	Description	Tooth	Color Marking	Torq.	Ang.
Upper (10 ea.)	27800	STR-U1R-018	$\frac{1}{1}$	●	12	5
	27801	STR-U1L-018	$\frac{1}{1}$	●	12	5
	27802	STR-U2R-018	$\frac{2}{2}$	●	8	9
	27803	STR-U2L-018	$\frac{2}{2}$	●	8	9
	27804	STR-U3R-018	$\frac{3}{3}$	●	-2	11
	27805	STR-U3L-018	$\frac{3}{3}$	●	-2	11
	27806	STR-U3R-018H	$\frac{3}{3}$	●	-2	11
	27807	STR-U3L-018H	$\frac{3}{3}$	●	-2	11
Lower (10 ea.)	27808	STR-U45-018	$\frac{54}{45}$	●	-7	0
	27811	STR-L12-018	$\frac{21}{12}$	-	0	0
	27813	STR-L3R-018	$\frac{3}{3}$	●	-11	7
	27814	STR-L3L-018	$\frac{3}{3}$	●	-11	7
	27815	STR-L3R-018H	$\frac{3}{3}$	●	-11	7
	27816	STR-L3L-018H	$\frac{3}{3}$	●	-11	7
	27817	STR-L4-018	$\frac{4}{4}$	●	-17	0
	27820	STR-L5-018	$\frac{5}{5}$	●	-22	0

## -Straight .022" slot-



### -Wire Selection for .022" slot.-

[.022" x .028" Slots]

Low friction  
Round wire .012" / .014" / .016" / .018" / .020"  
Rect. wire .016" x .022"

Torque control  
Rect. wire .017" x .025"  
.018" x .025"  
.019" x .025"  
.021" x .025"  
.022" x .028"

	Code No.	Description	Tooth
1 Case kit	27882	STR-022-3-3	$\frac{3+3}{3+3}$
	27883	STR-022-3-3H ※	$\frac{3+3}{3+3}$
	27886	STR-022-5-5	$\frac{5+5}{5+5}$
	27887	STR-022-5-5H ※	$\frac{5+5}{5+5}$

※ Only UL3 : With the hook.

	No.	Description	Tooth	Color Marking	Torq.	Ang.
Upper (10 ea.)	27840	STR-U1R-022	$\frac{1}{1}$	●	12	5
	27841	STR-U1L-022	$\frac{1}{1}$	●	12	5
	27842	STR-U2R-022	$\frac{2}{2}$	●	8	9
	27843	STR-U2L-022	$\frac{2}{2}$	●	8	9
	27844	STR-U3R-022	$\frac{3}{3}$	●	-2	11
	27845	STR-U3L-022	$\frac{3}{3}$	●	-2	11
	27846	STR-U3R-022H	$\frac{3}{3}$	●	-2	11
	27847	STR-U3L-022H	$\frac{3}{3}$	●	-2	11
Lower (10 ea.)	27848	STR-U45-022	$\frac{54}{45}$	●	-7	0
	27851	STR-L12-022	$\frac{21}{12}$	-	0	0
	27853	STR-L3R-022	$\frac{3}{3}$	●	-11	7
	27854	STR-L3L-022	$\frac{3}{3}$	●	-11	7
	27855	STR-L3R-022H	$\frac{3}{3}$	●	-11	7
	27856	STR-L3L-022H	$\frac{3}{3}$	●	-11	7
	27857	STR-L4-022	$\frac{4}{4}$	●	-17	0
	27860	STR-L5-022	$\frac{5}{5}$	●	-22	0

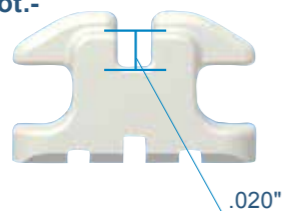
## -Standard .018" slot-

### -Wire Selection for .018" slot.-

[.018" x .025" Slots]

Low friction  
Round wire .012" / .014" / .016" / .018"  
Rect. wire .016" x .016"

Torque control  
Rect. wire .016" x .022"  
.017" x .025"  
.018" x .025"



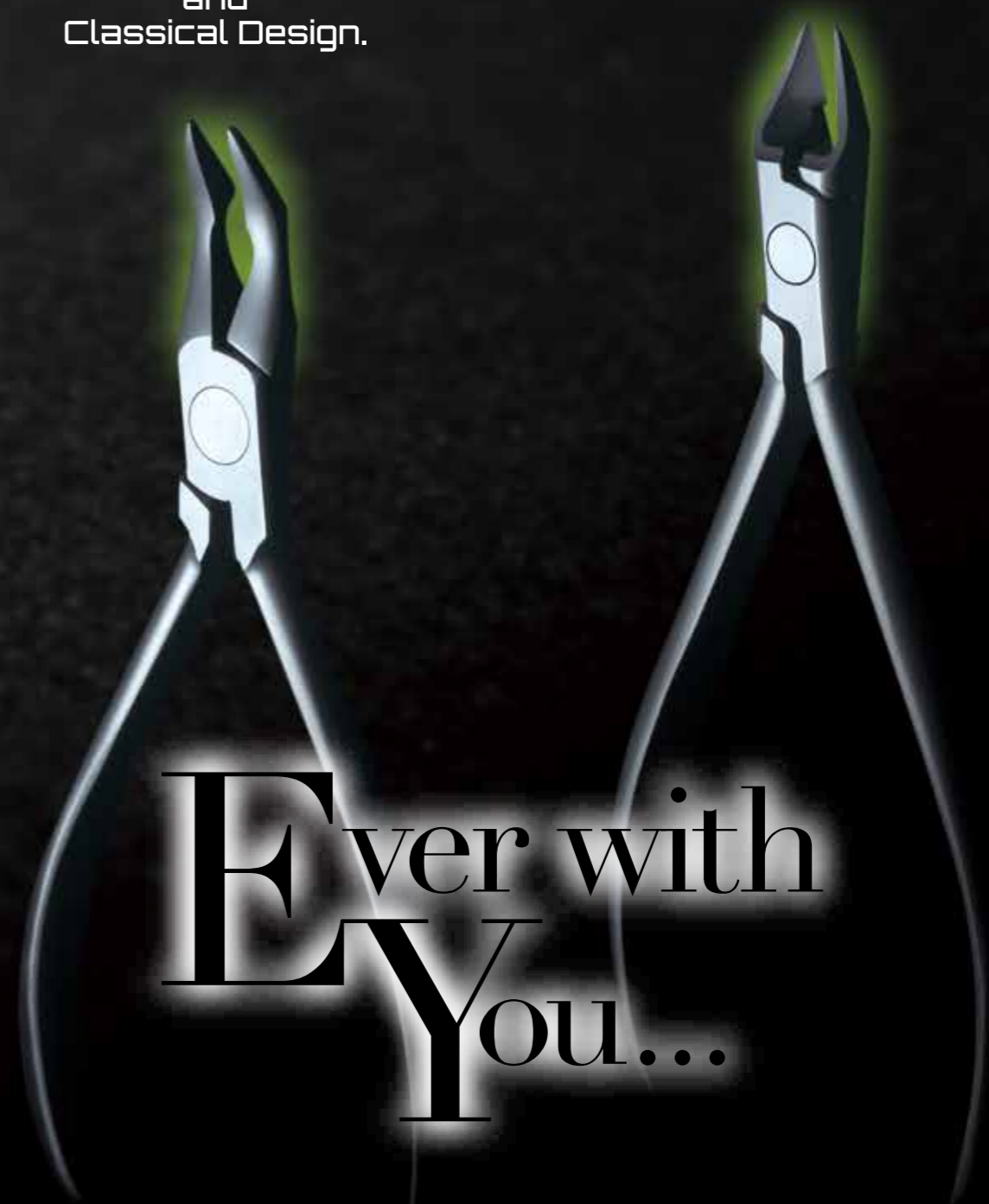
	No.	Description	Tooth	Color Marking	Torq.	Ang.
Upper & Lower (10 ea.)	27870	STD-U1-018	$\frac{1}{1}$	-	0	0
	27871	STD-U2-018	$\frac{2}{2}$	-	0	0
	27872	STD-345-018	$\frac{543}{345}$ $\frac{345}{345}$	-	0	0
	27873	STD-L12-018	$\frac{21}{12}$	-	0	0
1 Case Kit	27890	STD-018-3-3	$\frac{3+3}{3+3}$	-	-	-
	27892	STD-018-5-5	$\frac{5+5}{5+5}$	-	-	-

# EVER Fine

# EVER Classic

Traditional and Classical Design.

Fine Tips and Supple Curved Handle.



# Ever with You...



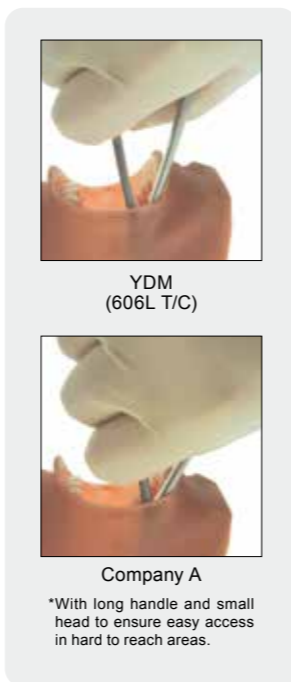


# Distal End Cutter **EVER** Fine

# Pin & Ligature Cutter **EVER**

\*Cut and hold distal end of arch wire.  
\*Cemented carbide inserts provide high performance and long life of the tips.

\*Cut excess ligature wire.  
\*Hard material inserts ensure cutting of ligature wire and elastic.



YDM (606L T/C)

Company A  
\*With long handle and small head to ensure easy access in hard to reach areas.

Size / 124mm

Size / 147mm

**606S T/C**  
**No.27606**

\*Cut up to  
● Round wire .012"- .020"  
■ Rect. wire .016"x.016"- .021"x.025"

**606L T/C**  
**No.27607**

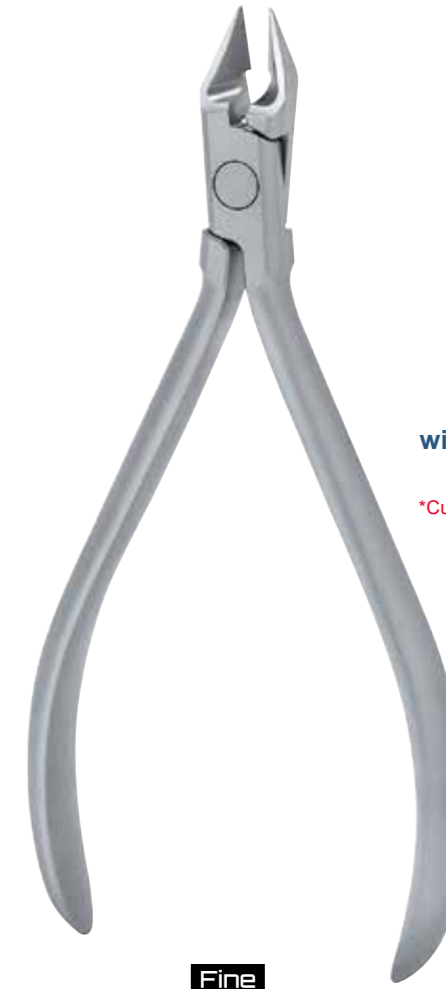
\*Cut up to  
● Round wire .012"- .020"  
■ Rect. wire .016"x.016"- .021"x.025"



**Classic**

**615**  
**with Hard Material**  
**No.27615**

\*Cut up to .014" (ø0.35mm)



**Fine**

**605**  
**with Hard Material**  
**No.27605**

\*Cut up to .012" (ø0.30mm)

### Fine

\*To avoid breakage, insert hard material on the tip.

\*Fine curved shape provide performance to cut ligature wire on crowded area, dislocated area easily.



\*10° angle and fine curve allow easy to access both pre molars and molars.

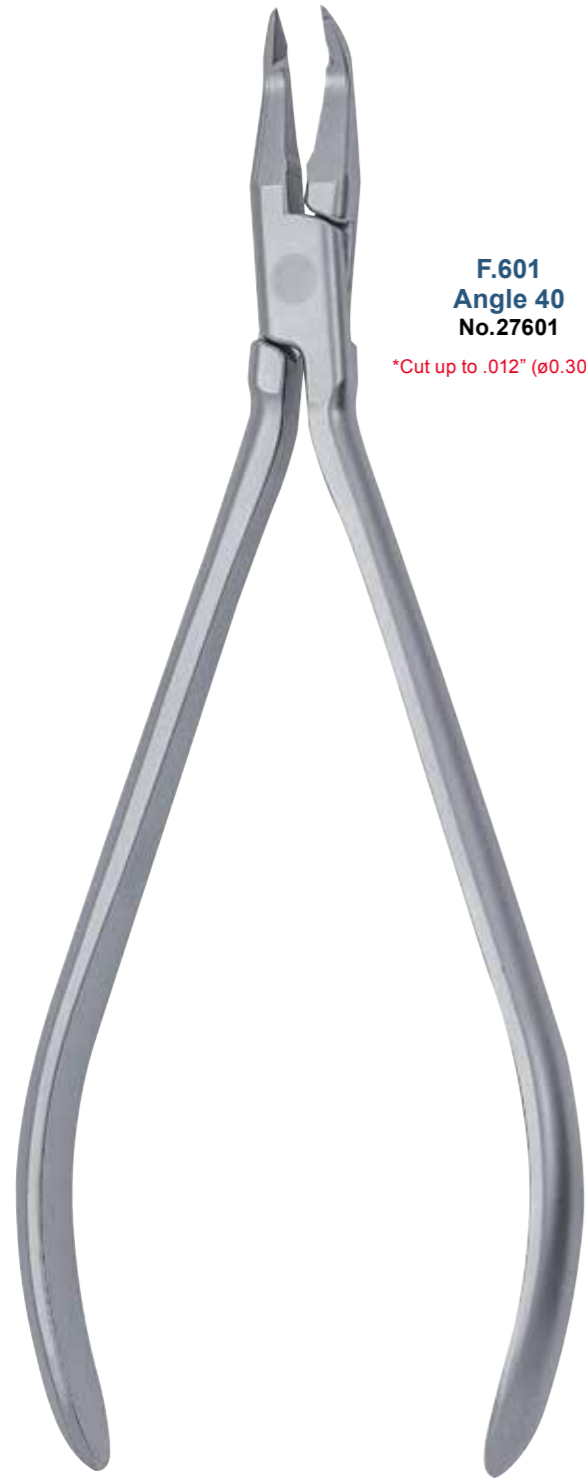




# Pin & Ligature Cutter **EVER**Fine



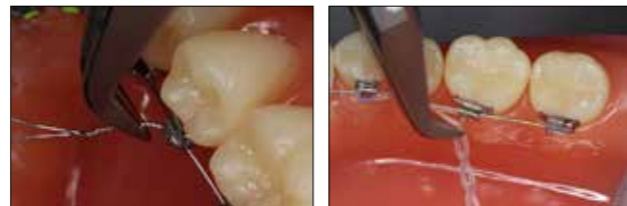
\*Cut excess ligature wire.  
\*Hard material inserts ensure cutting of ligature wire and elastic.



**F.601**  
**Angle 40**  
**No.27601**  
*\*Cut up to .012" (ø0.30mm)*



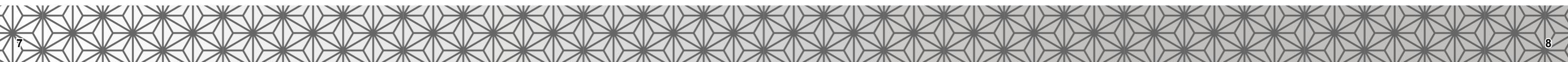
**F.602**  
**Reverse 40**  
**No.27602**  
*\*Cut up to .012" (ø0.30mm)*



**F.603**  
**Angle 50**  
**No.27603**  
*\*Cut up to .012" (ø0.30mm)*



**F.604**  
**Reverse 50**  
**No.27604**  
*\*Cut up to .012" (ø0.30mm)*

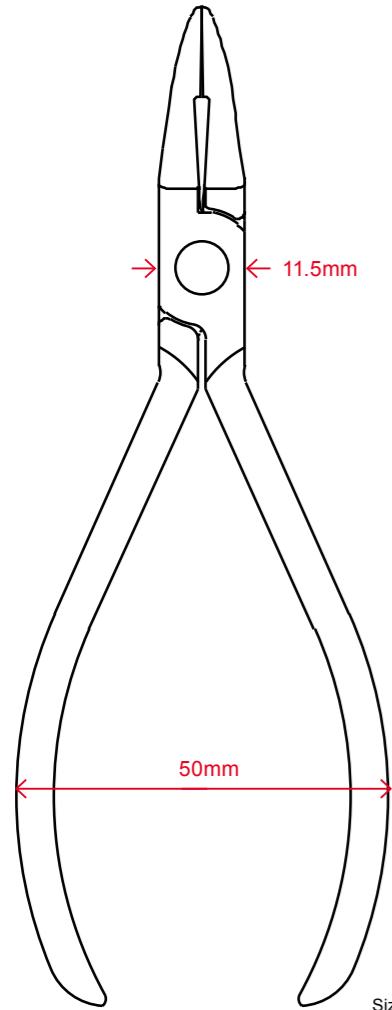




# Orthodontic Pliers **EVER**

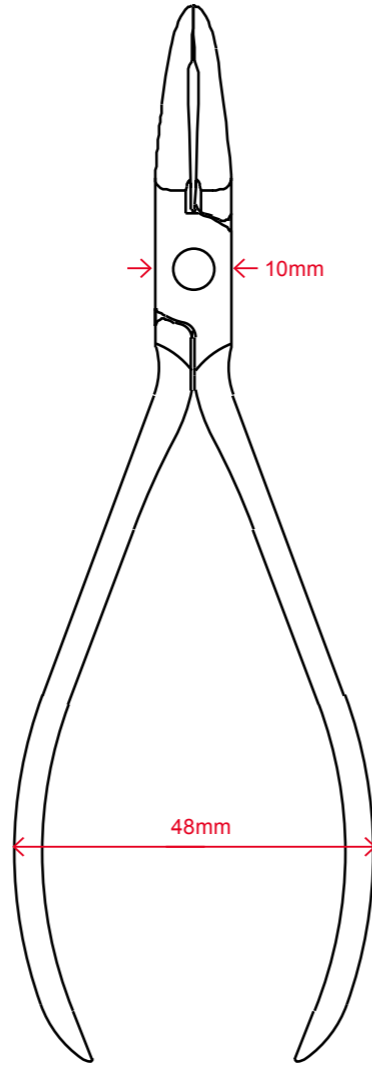
**Classic** Traditional and classical design fascinate artistic mind.

**Fine** Supple curved handle narrow box joint fascinate new generations.



**Classic**

Size / 133mm



**Fine**

Size / 140mm

## -Utility Pliers-



**Classic**

**422 Utility**  
No.27422

\*Texture of tip is 0.25mm(.010"), can hold arch wire firmly.



**Fine**

**440 Utility**  
No.27440

\*Texture of tip is 0.25mm(.010"), can hold arch wire firmly.

\*Insert, remove the main wire.  
\*Multi purposes for tying ligature etc.



**Classic**

**421 Weingart**  
No.27421

\*Texture of tip is 0.25mm(.010"), can hold arch wire firmly.



**Fine**

**441 Weingart**  
No.27441

\*Texture of tip is 0.25mm(.010"), can hold arch wire firmly.

\*Insert, remove the main wire.  
\*Multi purposes for tying ligature etc.



**462 Lingual Utility**  
No.27462

**Fine**

Size / 164mm

\*Comfortable Long handle with precise tip for both Lingual and Labial treatment.

## -Utility Pliers-



**Classic**

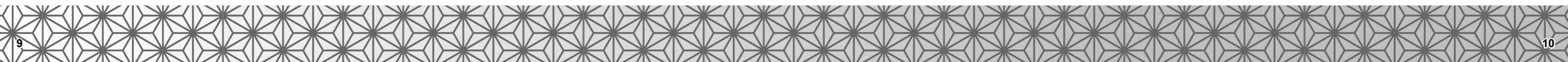
**420 How**  
No.27420



**Fine**

**442 How**  
No.27442

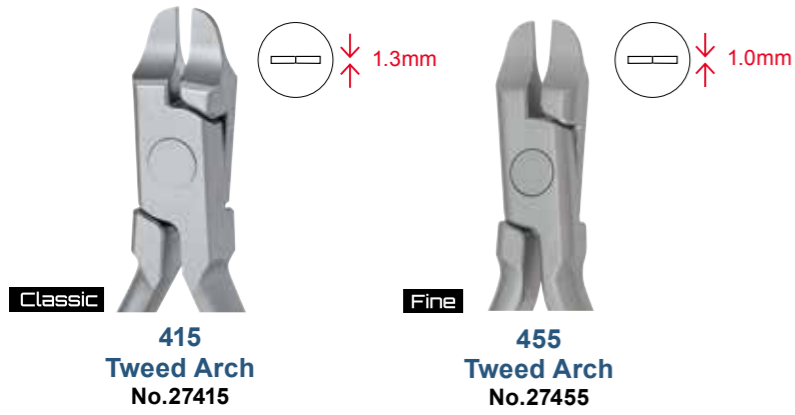
\*Insert, remove the main wire.  
\*Bend ligature wire, UA.



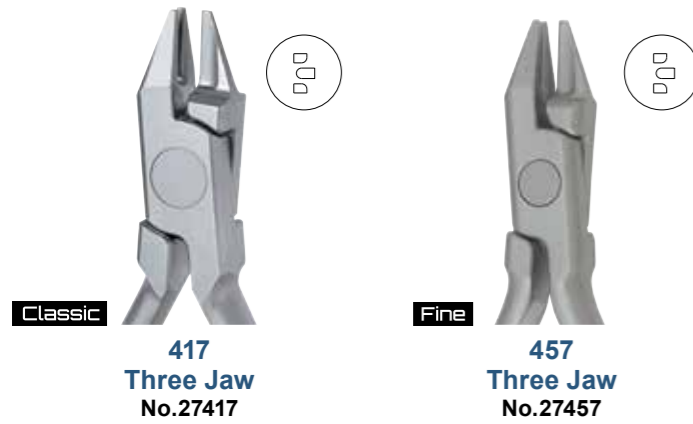


# Orthodontic Pliers **EVER**

## -Bending Pliers-



\*Maximum wire capacity .022"x.028"  
 \*Hold arch wire, apply torq, offset-bend, inset-bend.



\*Maximum wire capacity .036"  
 \*Quad Helix, lingual arch, activate of main wire.



\*Maximum wire capacity .040"  
 \*Bend retainer wire, adjust inner bow with three steps. (1.4mm, 3.0mm, 4.5mm in diameter)



\*Maximum wire capacity .036"  
 \*Bend retainer wire, clasp.



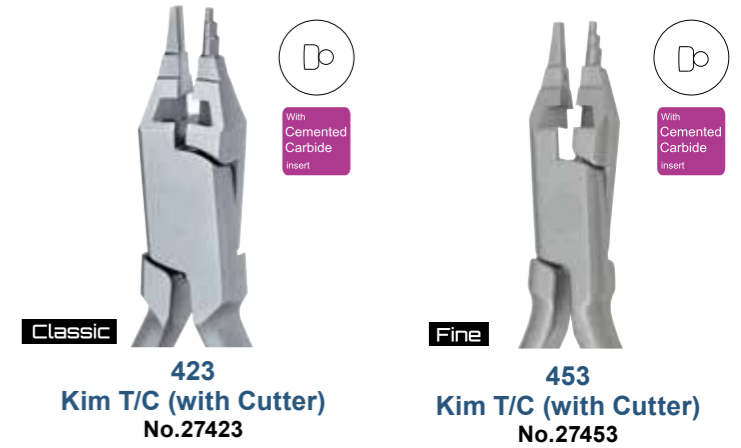
\*Maximum wire capacity .022"x.028"  
 \*Round beak is shaped 3 layers of cylinders (1.25mm, 1.85mm, 2.26mm in diameter) can be used for closing helical loop, helical loop, omega loop.

\*Traditional and classical design fascinate artistic mind.  
 \*Matte surface can avoid reflection of pliers under bright light.

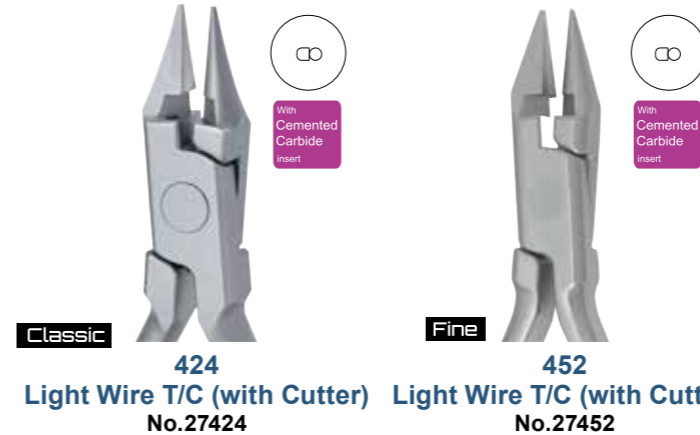
## -Bending Pliers-



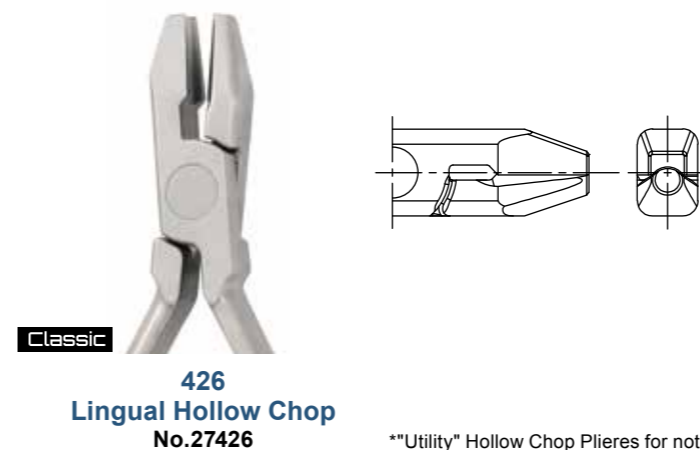
\*Maximum wire capacity .022"  
 \*With using each step (3.5mm, 4.5mm, 5.5mm, 6.5mm), arrange the loop wire, apply torque on MEAW loop.



\*Maximum wire capacity .016"x.022"  
 \*Cut up to .020"  
 \*Bend MEAW loop.

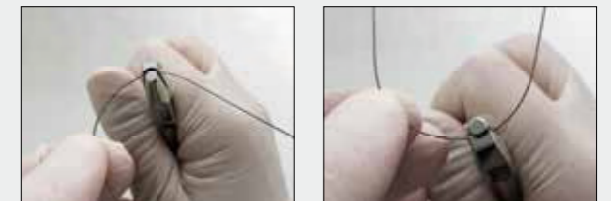


\*Maximum wire capacity .020"  
 \*Cut up to .020"  
 \*Designed for circle hook, tear drop.

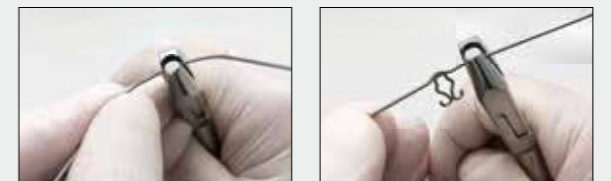


\*\*"Utility" Hollow Chop Pliers for not only Lingual but also Labial treatment.

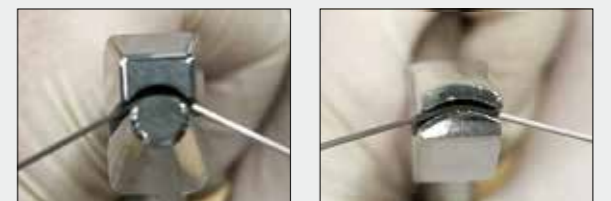
### [ Lingual Hollow Chop ]



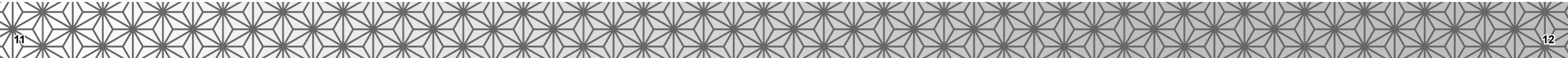
\*Excellent performance not only for mushroom arch with posterior teeth of lingual wire but also for the narrow curve with β-Ti type material of lingual straight.



\*Suitable for bending lingual arch and similar materials requiring delicate bending.



\*Comparison with conventional product.





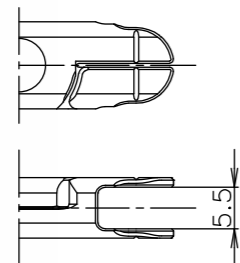
# Orthodontic Pliers **EVER**

## -Bending Pliers-

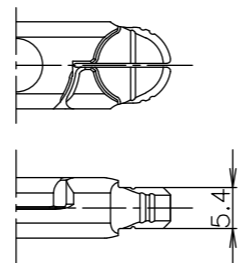
\*Apply the torque to arch wire with this combination of #27427 and #27428.  
\*15° and 30° lines for "M" and "F" make your bending smooth and easier.



**428**  
**Torquing F**  
No.27428  
**Classic**



**427**  
**Torquing M**  
No.27427  
**Classic**



## -Bending Pliers-

\*YDM unique and efficient design of "Step" and "Cinch Back" Pliers.

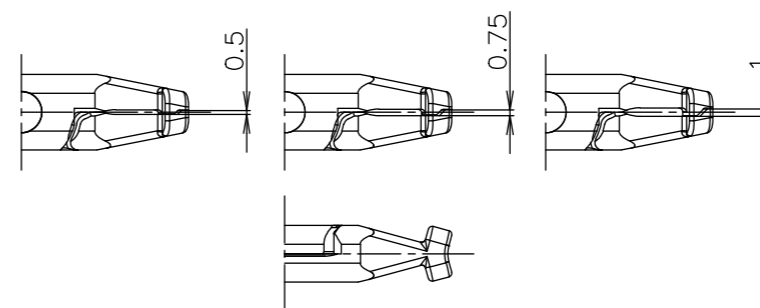


**445**  
**Step 1/2mm**  
No.27445

**446**  
**Step 3/4mm**  
No.27446

**447**  
**Step 1mm**  
No.27447

**Fine**



YDM (461)

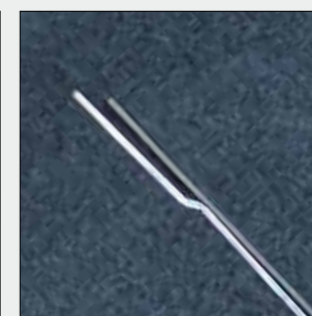
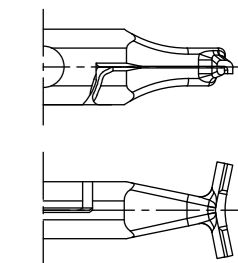


Conventional Type

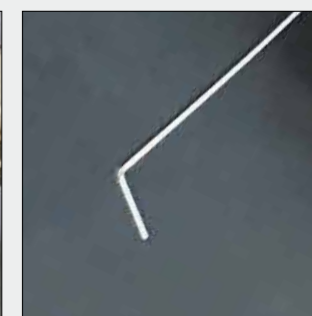
**461**  
**Cinch Back**  
No.27461

**Fine**

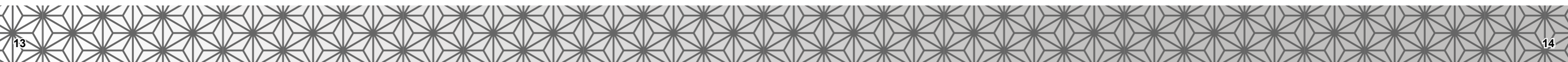
\*Maximum wire capacity /  
Round Wire .020"  
Rect Wire .016"-.016"



\*Small head with unique design for "beautifully parallel step".  
\*3 types, 1mm, 0.75mm and 0.5mm, available.



\*Stylish hammer head for bending both "up and down with beautiful angle".  
\*Up to .020 for easy and smart bending just by this one pliers.





**-Aligner Pliers-**

- \*With fine tips to ensure to insert into lingual or narrow part, crowded teeth.
- \*With long handle to ensure to insert into lingual or narrow part, crowded teeth.
- \*Matte surface can avoid reflection of pliers under bright light.
- \*Supple curved handle fits female dentists.



**448**  
**Tear Drop**  
No.27448



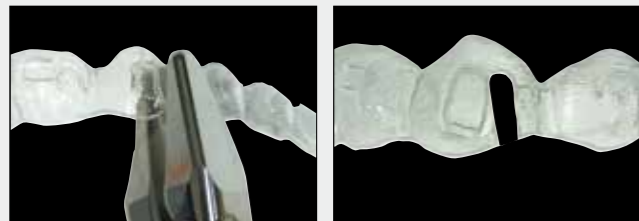
**449**  
**Vertical**  
No.27449



**450**  
**Horizontal**  
No.27450



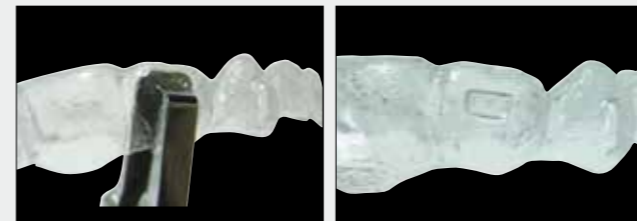
**451**  
**Hole Punch**  
No.27451



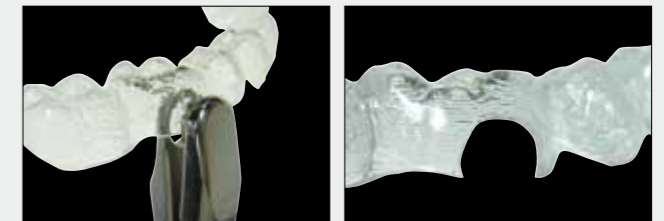
\*For making a slit to apply elastic with aligner. Excellently sharp cutting so it doesn't make rough surface after making a slit. Slim shape of tip is designed for easy control.



\*For making a vertical hollow to apply torque to mesial or distal part of lingual or buccal side of aligner. Thin and slim shape of tip is designed for easy approach even to narrow incisal margin part.



\*For making a horizontal hollow to apply rotation to lingual or buccal side of aligner. Thin and slim shape of tip is designed for easy approach even to narrow incisal margin part.



\*For making a hole to apply lingual button with aligner. Excellently sharp cutting so it doesn't make rough surface after making a hole. Slim shape of tip is designed for easy approach to the narrow space such as molar part which has low height.



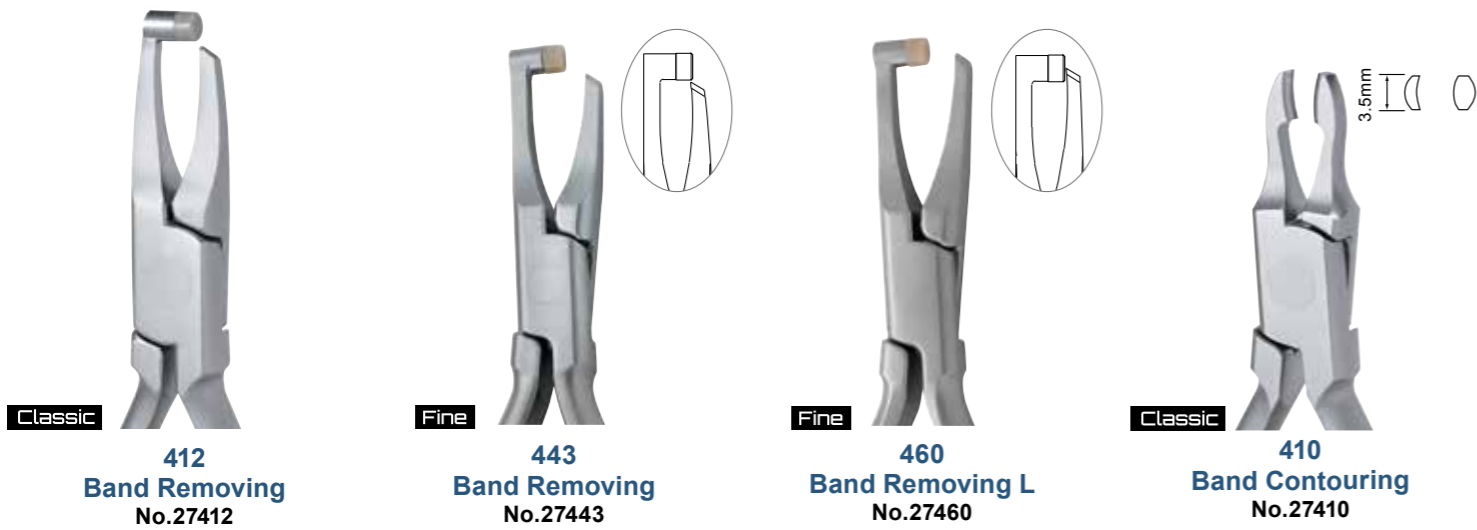




# Orthodontic Pliers **EVER**



## -Banding Pliers-



\*Longer tip than 412,443.

## -Banding Pliers-



## -Debonding Pliers-



## -Crimping Pliers-



# Adams Pliers



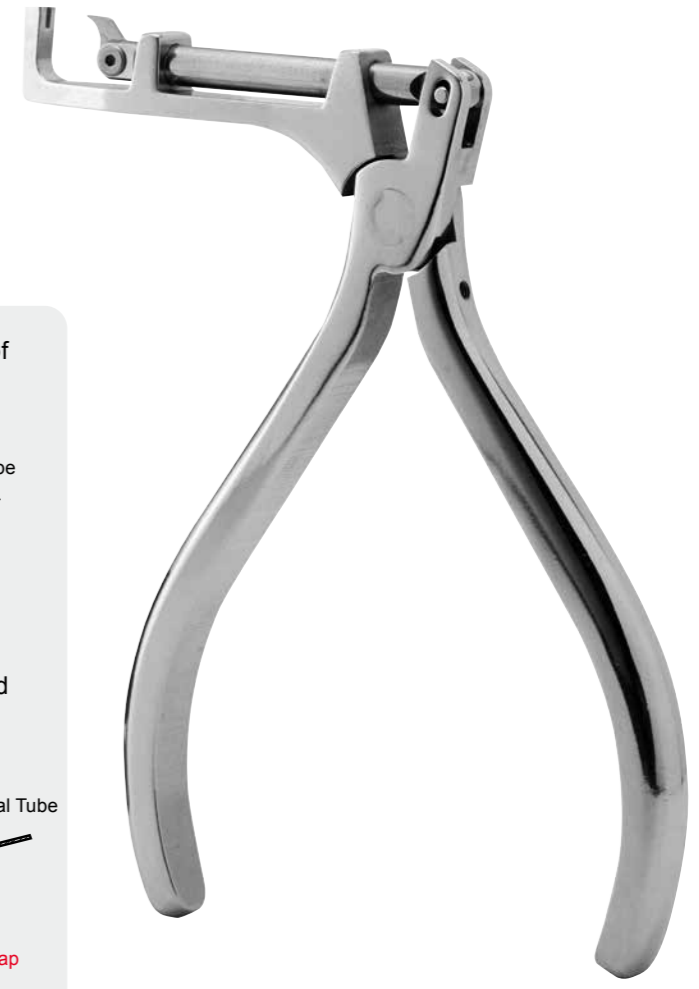
Universal T/C No.22001



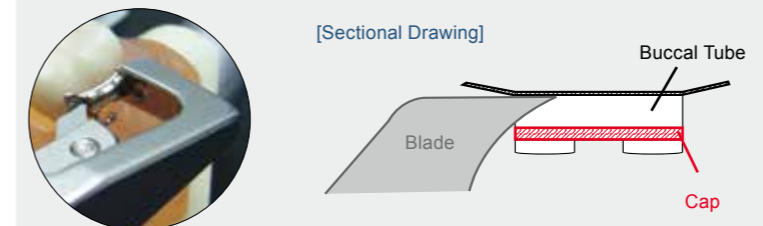
# Convertible Cap Removing Pliers



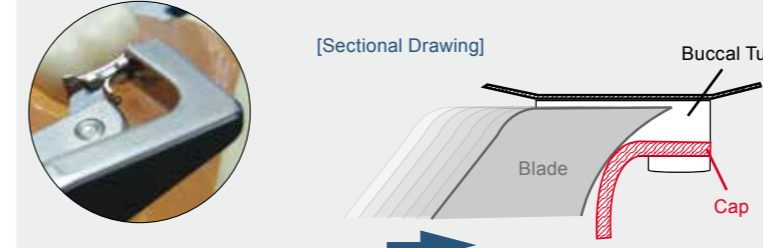
No.27934



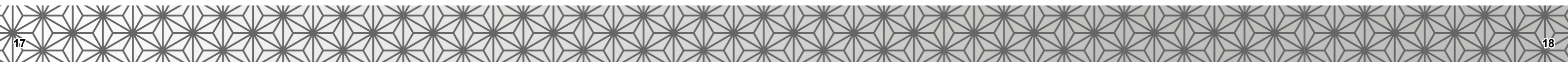
1) Insert the blade edge parallel to cap from mesial side of buccal tube slot.



2) By gripping the handle, Move the blade to distal side and remove the cap easily.



\*Please remove the fallen cap from a mouth.





# Wire Cutter

\*Cut retainer wire, clasp wire.



**YS-601**  
No.22601

\*Cut up to .032" (ø0.80mm)

**YS-602**  
KI  
No.22602

\*Cut up to .045" (ø1.10mm)

**YS-603**  
Standard  
No.22603

\*Cut up to .048" (ø1.20mm)

# Tying Pliers

\*Tie ligature wire on the bracket.



**YS-506**  
No.22506  
\*Steiner Type.



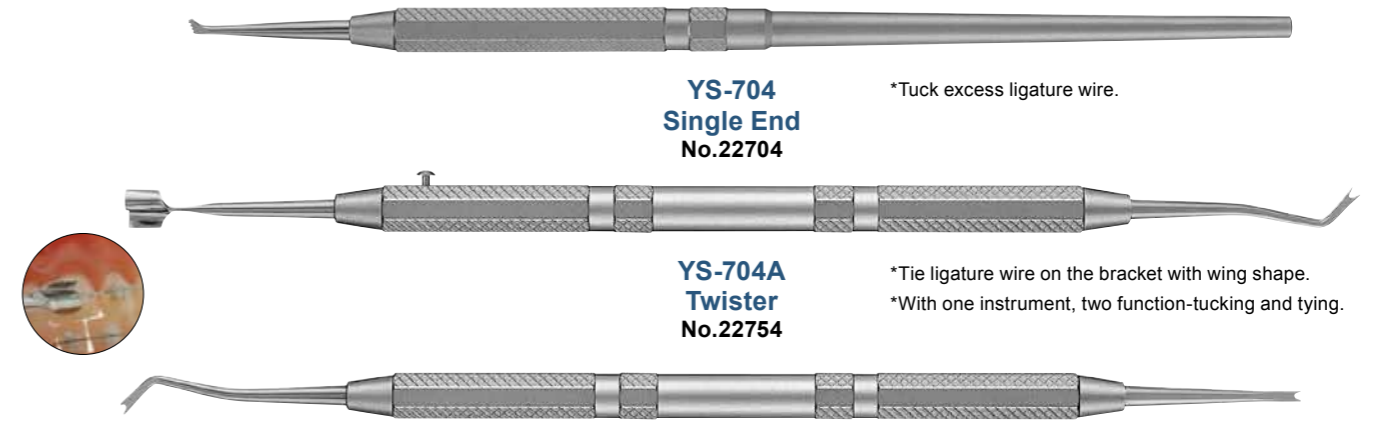
**YS-507**  
No.22507  
\*Coon Type.



**YS-508**  
No.22508

\*Used for applying both long and short type ligature wire.

# Ligature Director



**YS-704**  
Single End  
No.22704

\*Tuck excess ligature wire.

**YS-704A**  
Twister  
No.22754

\*Tie ligature wire on the bracket with wing shape.  
\*With one instrument, two function-tucking and tying.

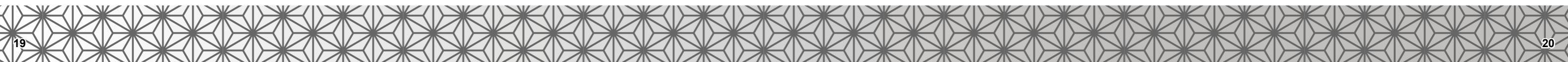
**YS-704B**  
Double End  
No.22755

\*Tuck excess ligature wire.

# Arch Wire Director



No.27709





### Module Pliers

\*Put module on the bracket.  
\*With ultra thin tips, easy to insert into the mouth.

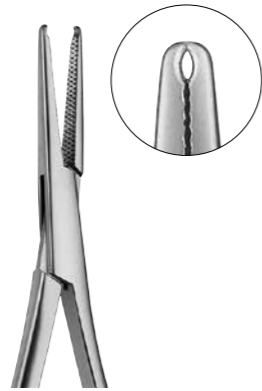


**Str.**  
**No.22509**



**Cvd.**  
**No.22510**

\*For Lingual



**with Groove Str.**  
**No.22511**



\*With groove, module can move easily and give power on bracket fairly.

### Separator

\*Before applying band, used for placement of separating elastic.



**YS-551**  
**No.22551**



### Pliers Stand

\*Convenient pliers stand made by high-class stainless steel for steriliation and storage of pliers / cutters.  
\*\*"S" and "L" size are available.



No.	Description	Size (mm)		
		a	b	c
27400	Pliers Stand S	112	64	80
27401	Pliers Stand L	154	124	140



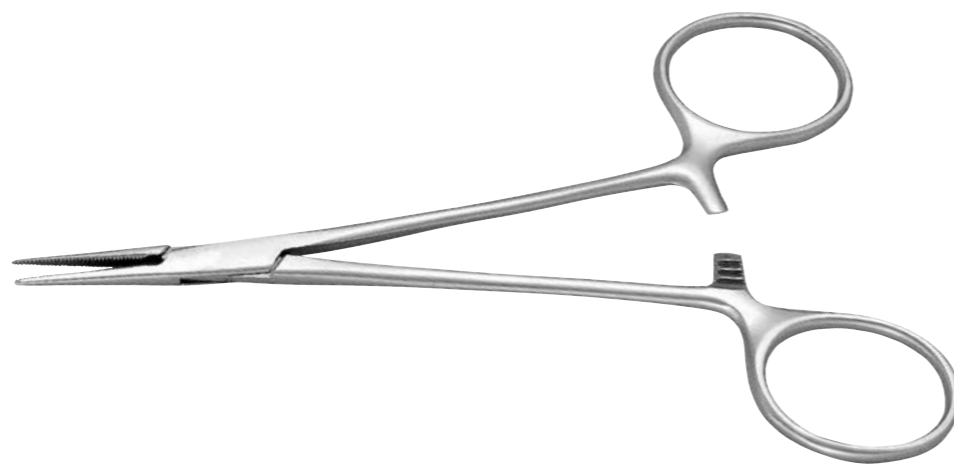
\*Average pliers number.



**Mosquito Str.**  
**No.22513**



**Mosquito Cvd.**  
**No.22514**





### Band Seater

\*Set band by patient's own occlusal force.  
\*Tip can be replaced.



YS-703  
No.22703

### Band Pusher

\*Insert band.



YS-701  
No.22753



### Bracket Tweezers

\*Hold firmly the bracket by groove at the tips.  
\*At the end of the handle with measure (3.5mm, 4.0mm, 4.5mm, 5.0mm) helps bracket height and angulation.

No.22761



### Surplus Cement Remover

\*Remove surplus bonding material smoothly.



#1  
No.13205



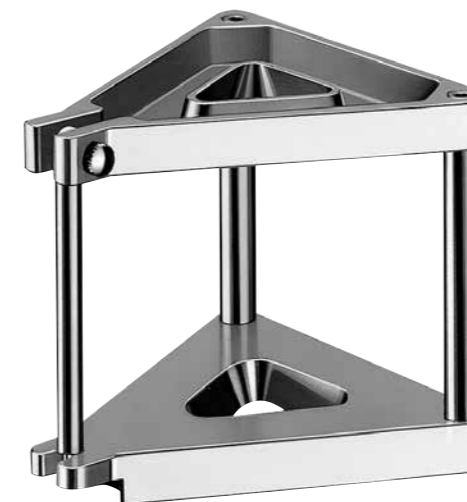
#2 for Posterior  
No.13206



### Articulator

-for Construction Bite-

YS-714  
No.22714





# Typodont Articulator



YS-802A  
No.22822



\*Product does not include wax form and teeth.

### -Example of Practicing with the Typodont Practice Model-



1) Attach the ORT various Wax Form to the Typodont Ocluder by applying molten wax with an instrument.



2) Remove the jaws with the black base as pictured.



3) Dip the jaws into 55-60°C warm water.



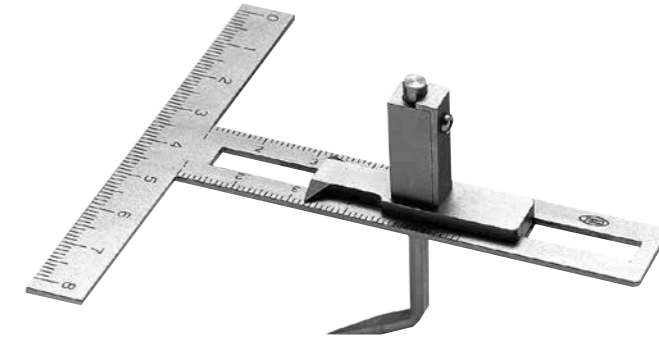
4) Lift the jaws from the warm water and dip into cool water. Observe the result.

# Model Measuring Device



Contents Main body, Chart (25 sheets)

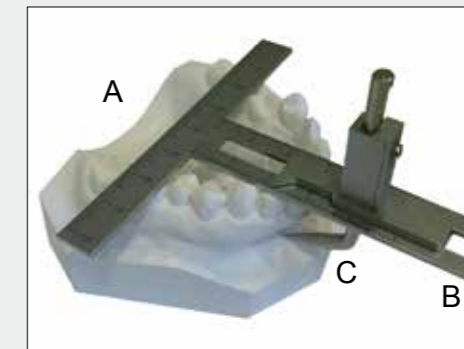
YS-34 with Chart  
No.22934



\*This measuring device is for the purpose of measuring following length/ Width below on a tooth model, constituting T shape ruler and (vertical, horizontal) indicator needle. The indicator needle designed to slide on its vertical surface.

\*This measuring device is designed to measure following (1),(2),(3).  
For the measurement of (4) please use separately sold Orthodontic Caliper as the direction mentioned below.

- (1) Length of dental arch
- (2) Width of dental arch
- (3) Length of BASAL ARCH
- (4) Width of BASAL ARCH



[Direction of how to use]

- A.Horizontal part
- B.Vertical part
- C.Indicator needle

Standard deviation table for width of dental crown, dental arch, BASAL ARCH is also available.

- 1) Width of dental arch  
With horizontal part A measure its distance between buccal sides of first premolar tooth.
- 2) Length of dental arch  
Fitting in its base line of horizontal part A to the point of first molar teeth in distal part. Then measure the distance to incisal edge of a central incisor with vertical part B.
- 3) Length of BASAL ARCH  
Setting horizontal part A as above picture indicates, slide the indicator needle C to fit in the bottom point of the root of a central incisor tooth.
- 4) Width of BASAL ARCH  
Measure the bottom point of the root of first premolar tooth with Orthodontic Calipers.



## Tension Gauge

\*Measure the force of coil spring and elastic.



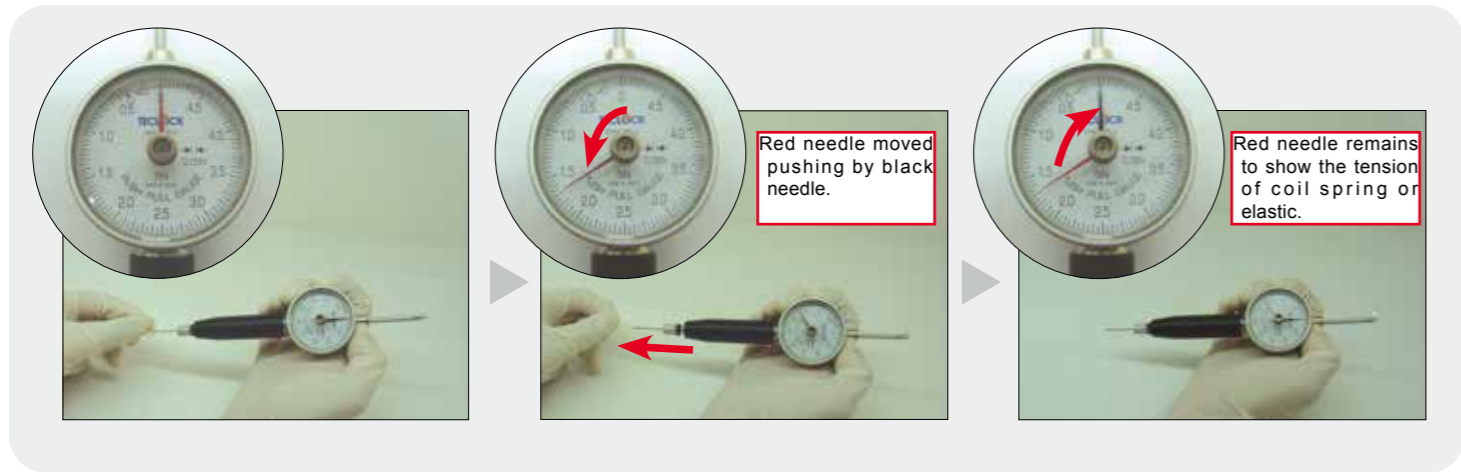
**YS-31 5N**  
No.22955



**YS-31D Dial (5N)**  
No.22930



\*1N = 100g

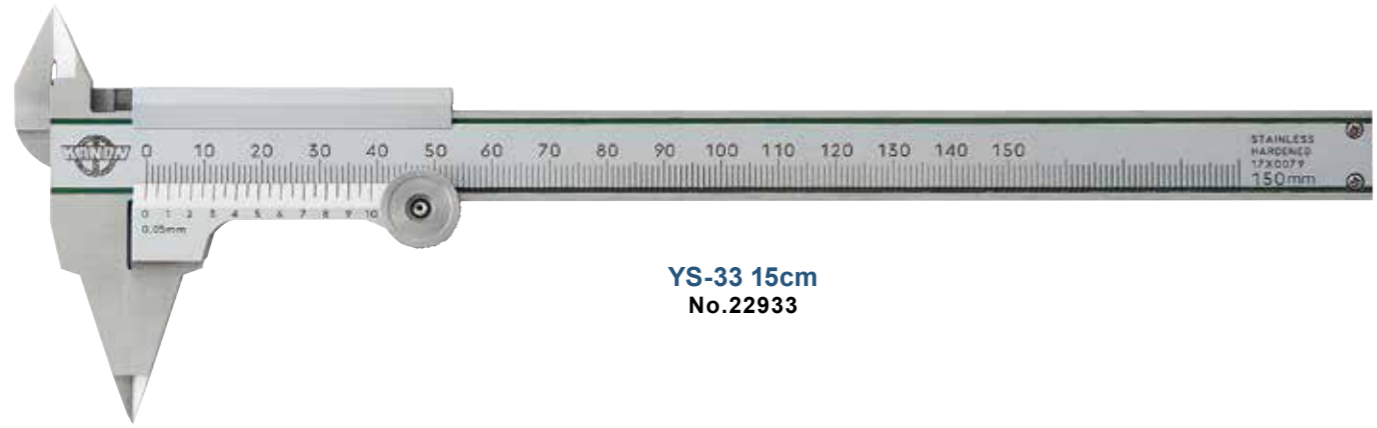


Red needle moved pushing by black needle.

Red needle remains to show the tension of coil spring or elastic.



## Orthodontic Calipers



**YS-33 15cm**  
No.22933

## Boone Gauge

\*Check position of bracket on tooth.  
\*Measure bracket height 4.5mm, 4.0mm and 3.5mm.



**YS-39**  
No.22939



## Handy Torch

\*Sharp flame is suitable for delicate work.  
\*Gas is empty at the time of delivery.



**Ortho**  
No.27907

Size / W76.6xD54.5xH154mm



### Specifications

- \*Weight / 245g (with the screen board)
- \*Gas Volume / 15g
- \*Combustion Time / 80min.
- \*Flame Temperature / 1300°C (blue flame)





### Scraper



YS-706  
No.22706



### Locking Tweezers



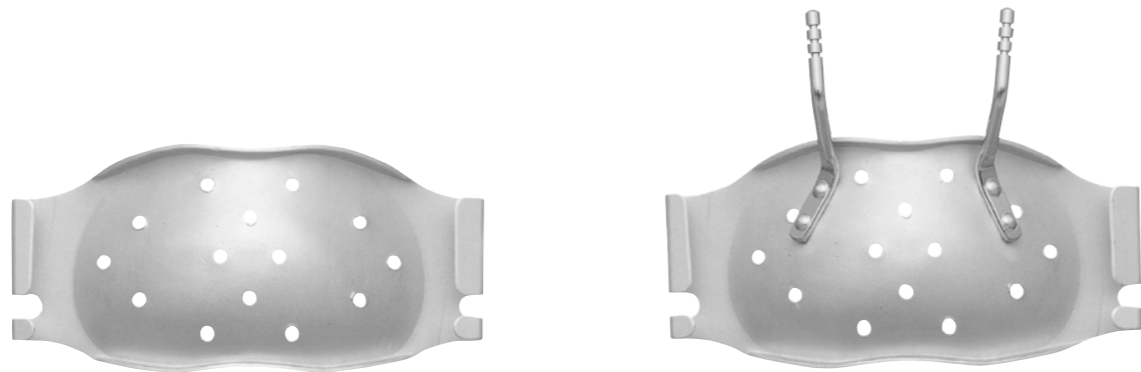
YS-707S  
No.22707



YS-708L  
No.22708



### Chin Cap



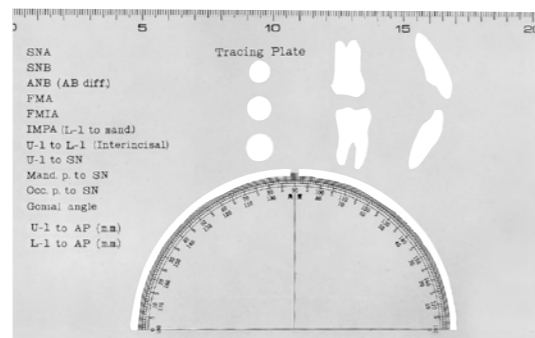
No.22868

Maxillary Traction  
No.22869



### Tracing Plate

YS-40  
No.22940



Size / W210xD130mm

### Color Tray

-Premium-

\*Aluminium

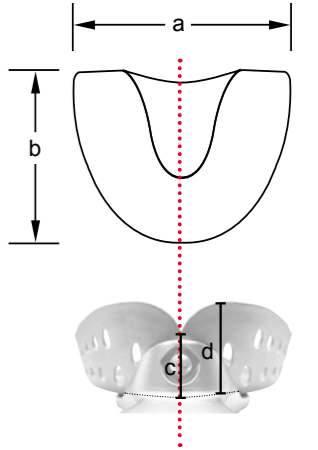
\*Color coded for easy identification.

\*By an edge with height, the impression of a frenum or buccal mucous membrane can be taken firmly.

\*Easily bendable for a custom fit.

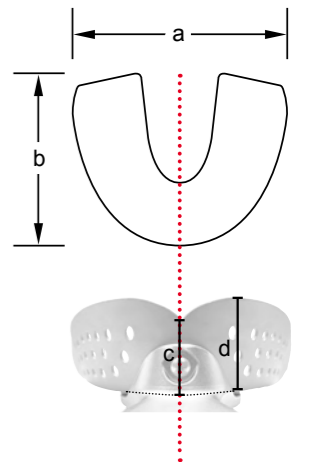
\*Impression materials stick to aluminium well because of features of aluminium itself,also they are difficult to be removed when in fitting.

Upper



No.	Description	Size (mm)			
		a	b	c	d
19101	Pink	57	48	12	20
19102	Blue	62	54	12	20
19103	Red	68	60	12	22
19104	Gold	75	65	12	22
19105	Violet	84	70	13	22

Lower



No.	Description	Size (mm)			
		a	b	c	d
19111	Pink	62	44	15	20
19112	Blue	70	48	15	20
19113	Red	75	50	15	20
19114	Gold	82	53	17	22
19115	Violet	88	55	17	22

## Crown Scissors



## Utility Scissors



\*This is the product, which YDM and "PLUS Corporation", known as stationery, produced together. Its cutting edge adopts Bernoulli's curve.

\*Bernoulli's curve allows you to cut soft and hard things; it supports a wide range of hardness.

\*It's especially cut out for cutting sterilized cotton, gauze, occlusal registration papers, sheets for mouth guards.

\*The range that the scissors copes with  
Soft sheets : 4.0mm  
Hard Sheets : 1.0mm

**No.12002**



Size / 145mm