



Orthodontics

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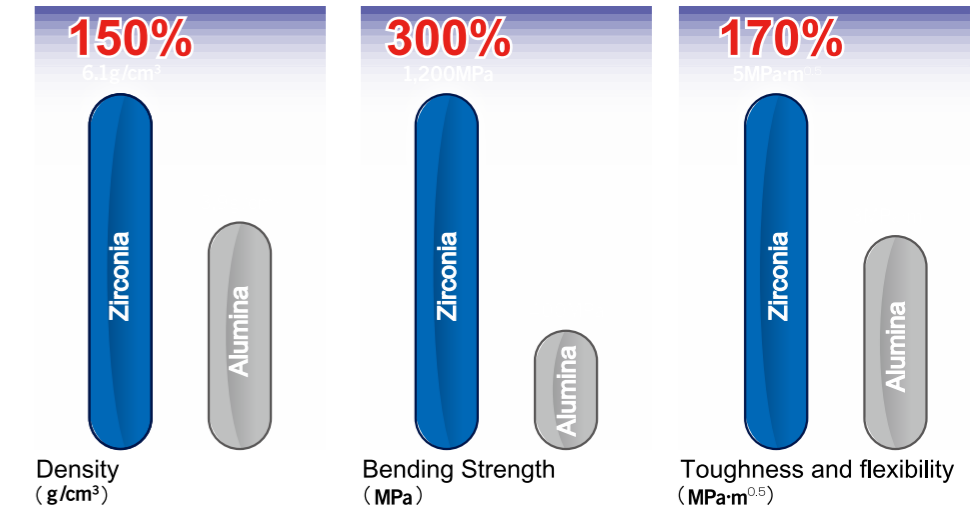
6 features of COBY™

ZIRCONIA CERAMIC BRACKETS

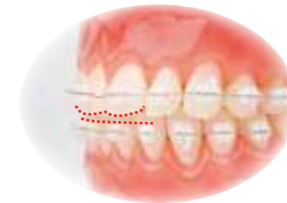


1) Excellent Toughness and Flexibility

Great material reduces fracture.



2) Low Profile



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

3) Shoulder System

Shoulder

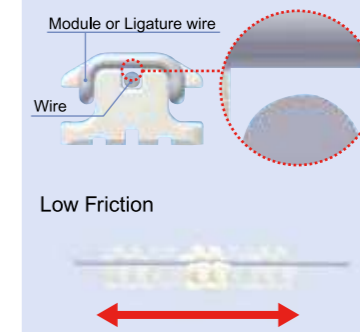


At initial stage, it provides speedy treatment, and middle and late stage, it provides positive torque control.

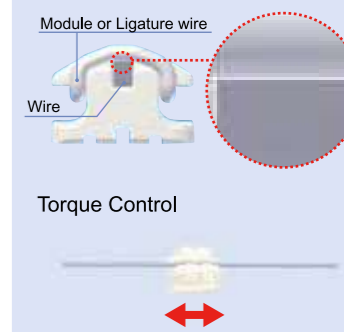
Comparing to Composite and Alumina



Initial Stage



Middle and Late Stage



4) Bonding Base

Suitable for any kind of adhesion bond.

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

Central Base



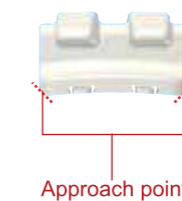
Maximum retentive force exercises in the central undercut part.

Outside Base



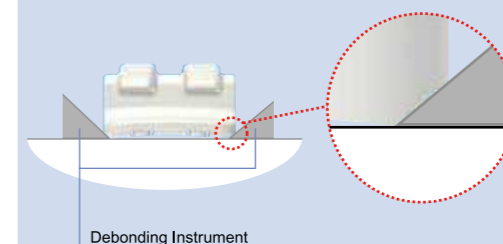
Outside base designed into shallow undercut for smooth debonding.

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.

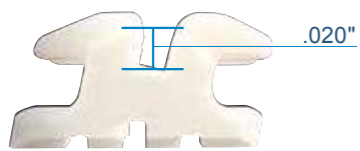
Color





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"

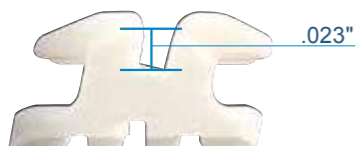
Torque control
Rect. wire .016" x .022"
.017" x .025"
.018" x .025"

	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

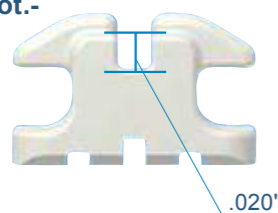
-Standard .018" slot-

-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	$\frac{543}{345}$	-	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...





Autoclavable up to 135°C With Cemented Carbide insert

Distal End Cutter **EVER** Fine

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



Size / 124mm

606S T/C
No.27606


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



Size / 147mm

606L T/C
No.27607

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



YDM
(606L T/C)



Company A

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

Autoclavable up to 135°C With Cemented Carbide insert

Pin & Ligature Cutter **EVER**

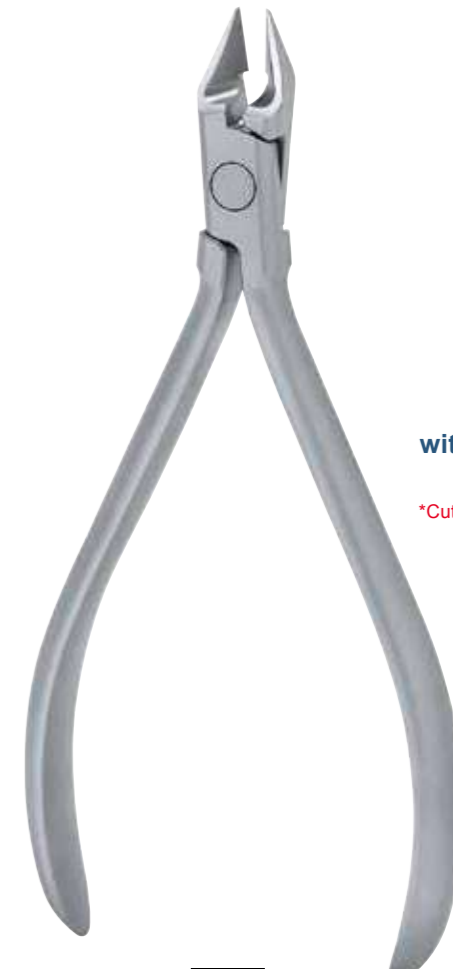
*Cut excess ligature wire.
*Hard material inserts ensure cutting of ligature wire and elastic.



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

Autoclavable
up to 135°C
With
Cemented
Carbide
insert

*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)*

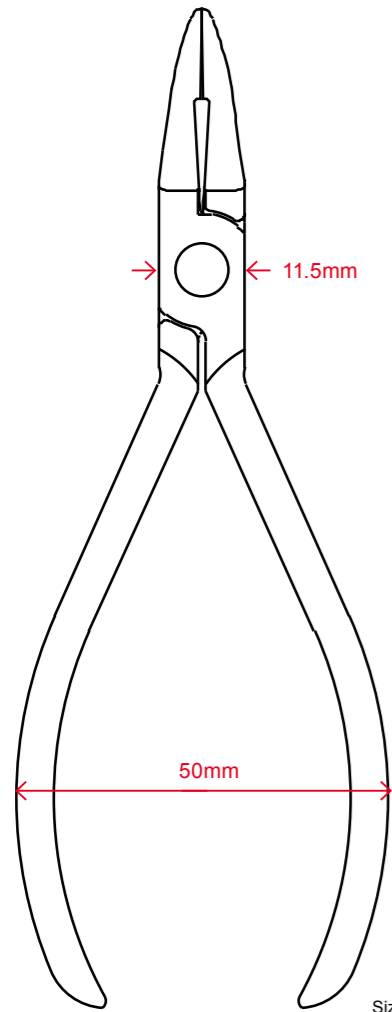




Orthodontic Pliers **EVER**

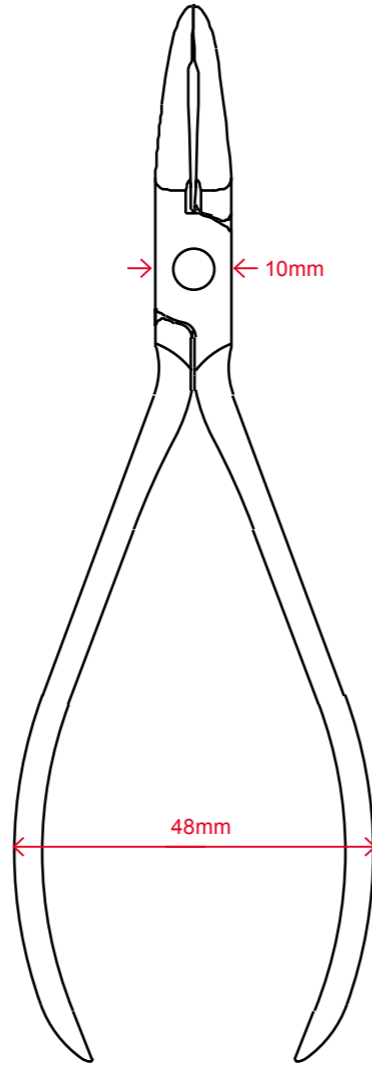
Classic Traditional and classical design fascinate artistic mind.

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.



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.

*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

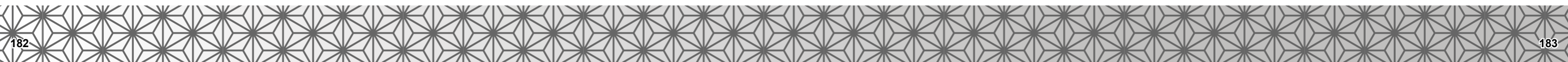
420 How
No.27420



Fine

442 How
No.27442

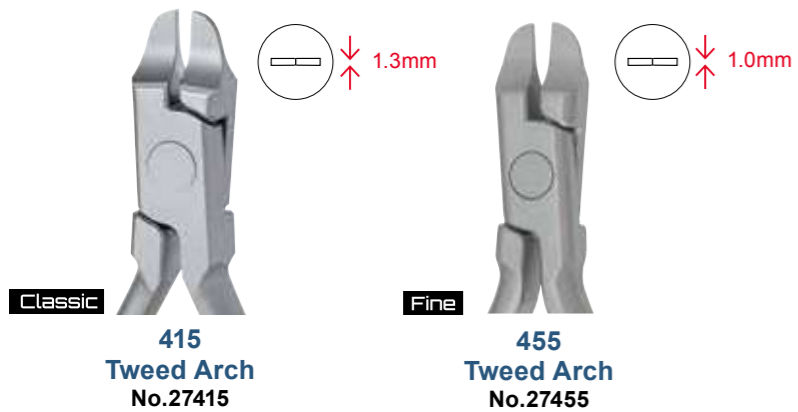
*Insert, remove the main wire.
*Bend ligature wire, UA.





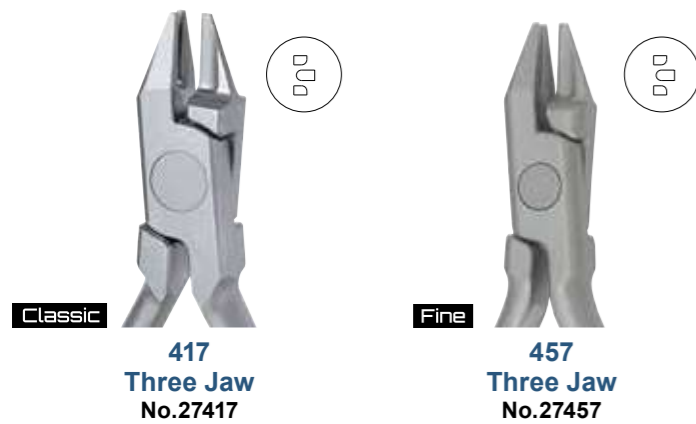
Orthodontic Pliers **EVER**

-Bending Pliers-



*Maximum wire capacity .022"x.028"

*Hold arch wire, apply torque, offset-bend, inset-bend.



*Maximum wire capacity .036"

*Quad Helix, lingual arch, activate of main wire.



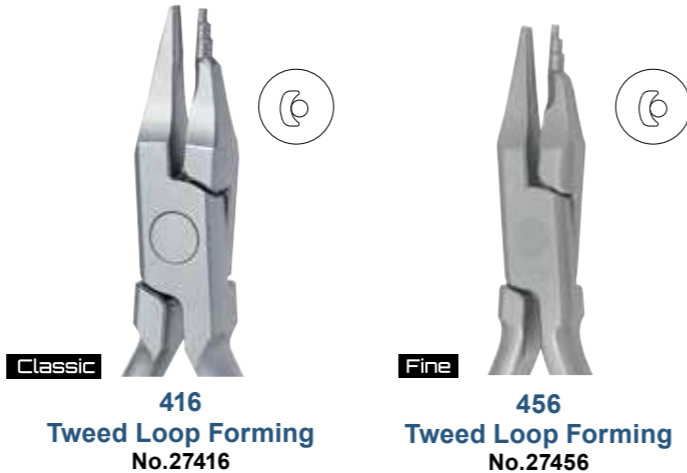
*Maximum wire capacity .040"

*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.

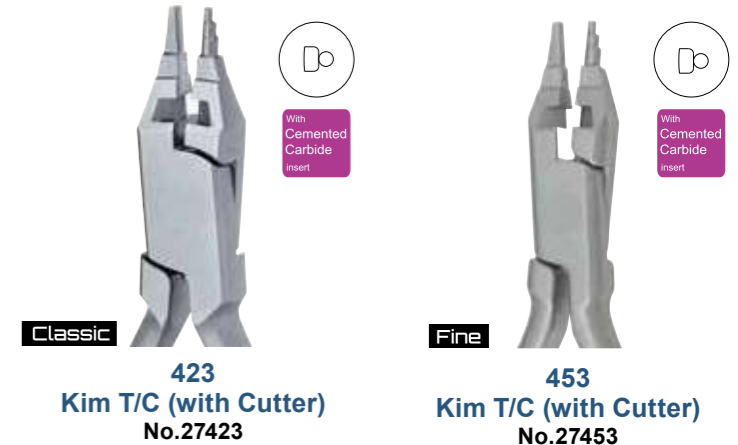
*Matte surface can avoid reflection of pliers under bright light.

-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"

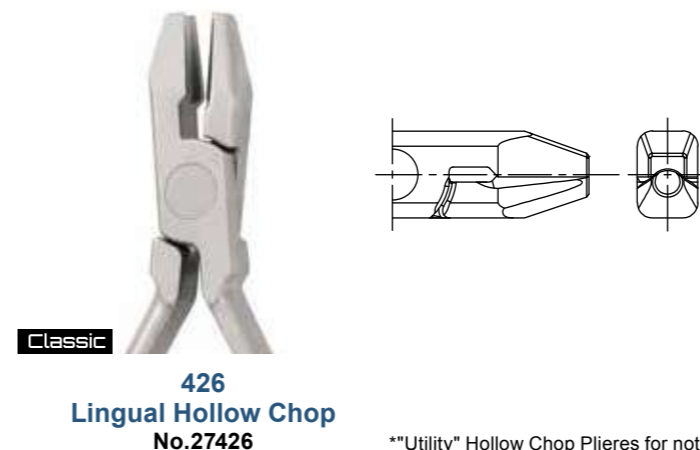
*Bend MEAW loop.



*Maximum wire capacity .020"

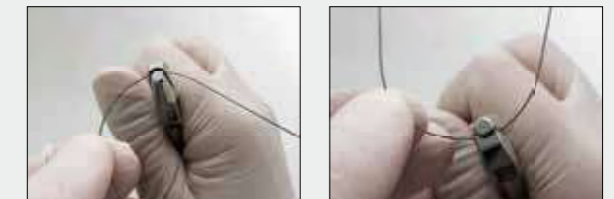
*Cut up to .020"

*Designed for circle hook, tear drop.



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

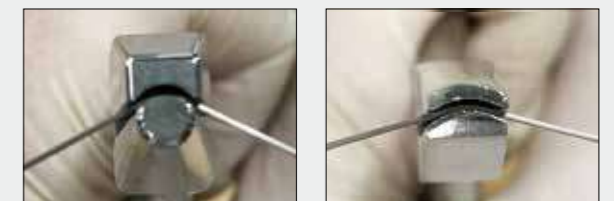
[Lingual Hollow Chop]



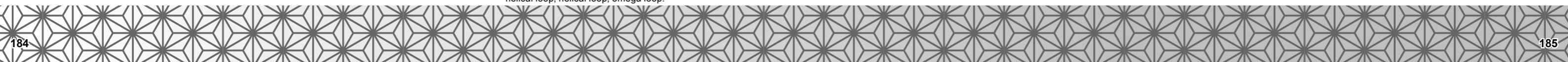
*Excellent performance not only for mushroom arch with posterior teeth of lingual wire but also for the narrow curve with β-Ti type material of lingual straight.



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



*Comparison with conventional product.





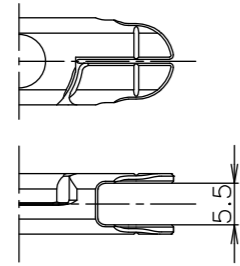
Orthodontic Pliers **EVER**

-Bending Pliers-

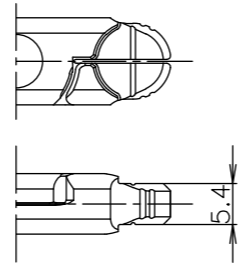
*Apply the torque to arch wire with this combination of #27427 and #27428.
*15° and 30° lines for "M" and "F" make your bending smooth and easier.



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



461
Cinch Back
No.27461

Fine

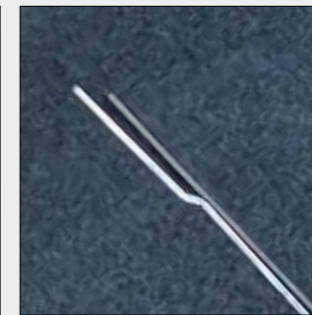
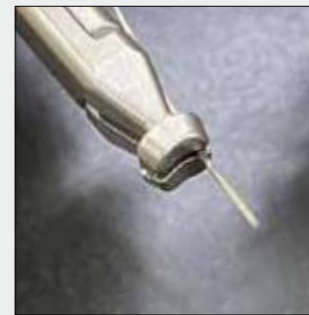
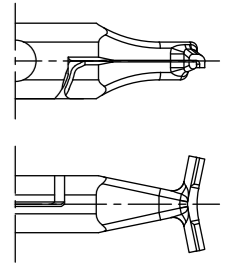
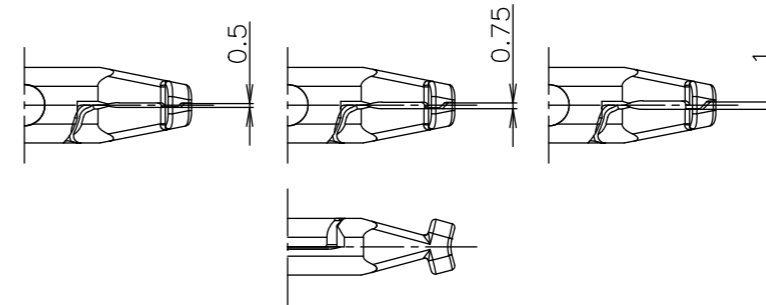
*Maximum wire capacity /
Round Wire .020"
Rect Wire .016"-.016"



YDM (461)



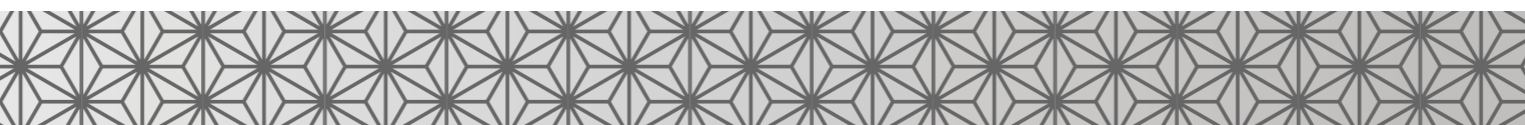
Conventional Type



*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.





Orthodontic Pliers **EVER** Fine

-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



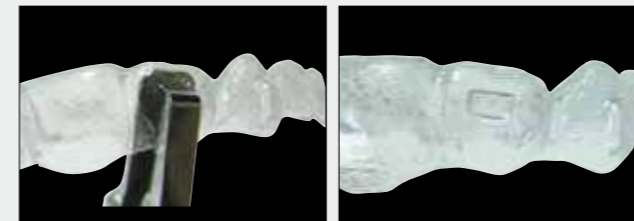
451
Hole Punch
No.27451



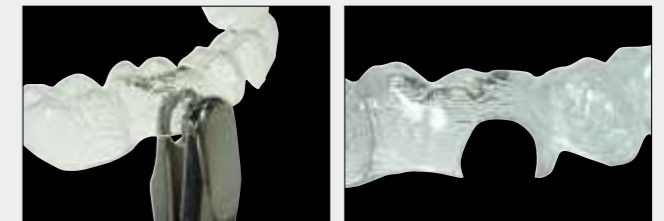
*For making a slit to apply elastic with aligner. Excellently sharp cutting so it doesn't make rough surface after making a slit. Slim shape of tip is designed for easy control.



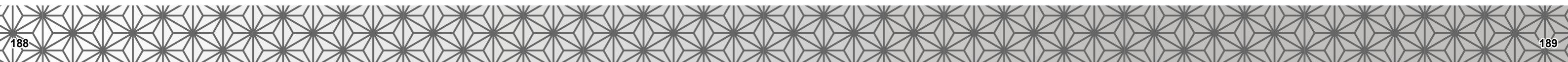
*For making a vertical hollow to apply torque to mesial or distal part of lingual or buccal side of aligner. Thin and slim shape of tip is designed for easy approach even to narrow incisal margin part.



*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.

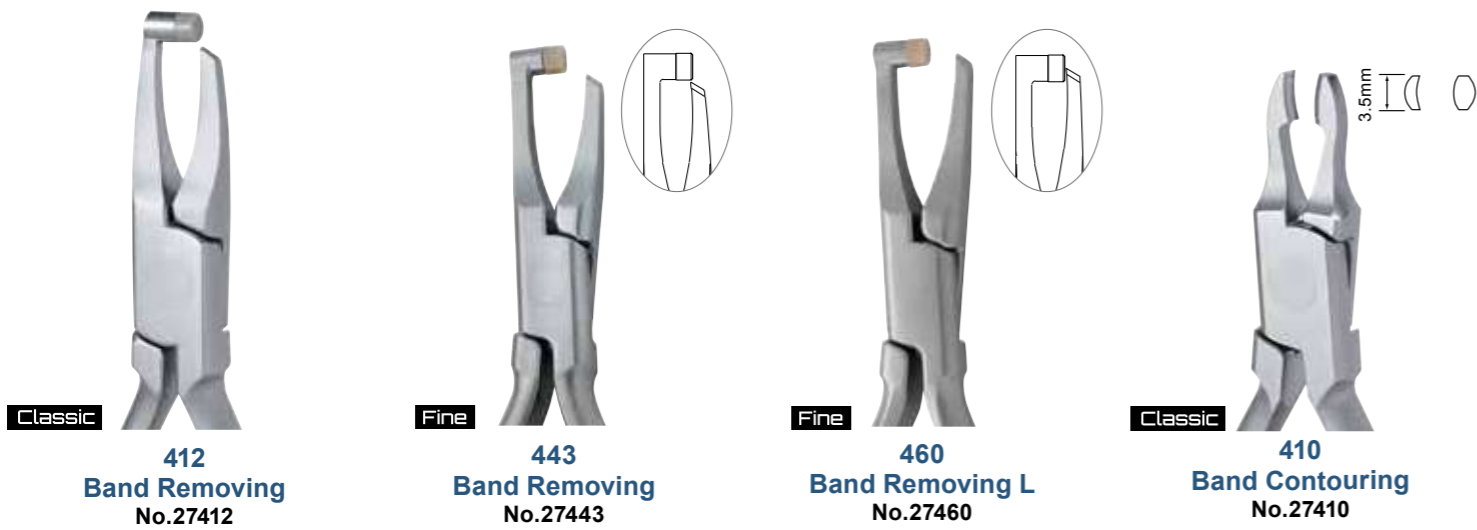




Orthodontic Pliers **EVER**

Autoclavable up to 135°C

-Banding Pliers-



*Longer tip than 412,443.

-Banding Pliers-



-Debonding Pliers-



-Crimping Pliers-



Adams Pliers

Autoclavable up to 135°C

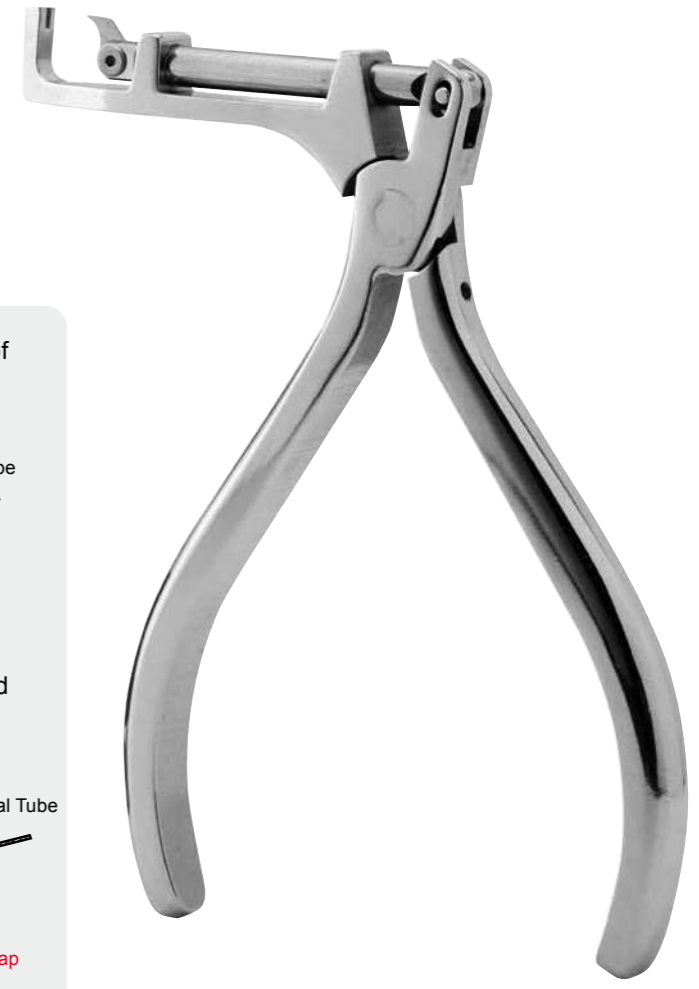
Universal T/C No.22001



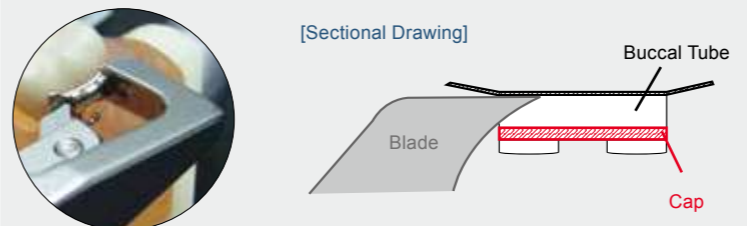
Convertible Cap Removing Pliers

Autoclavable up to 135°C

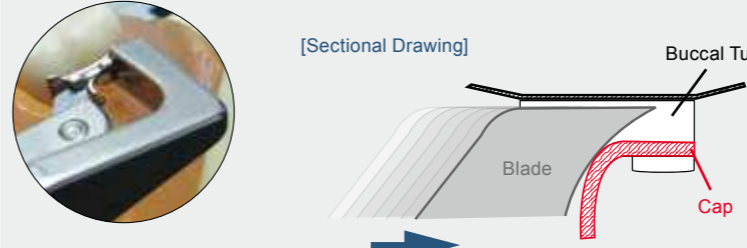
No.27934



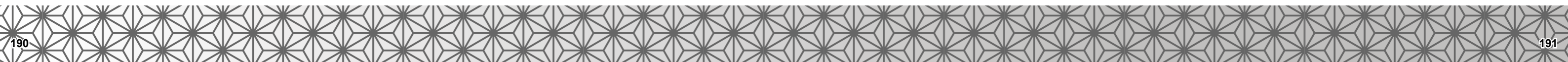
1) Insert the blade edge parallel to cap from mesial side of buccal tube slot.



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.



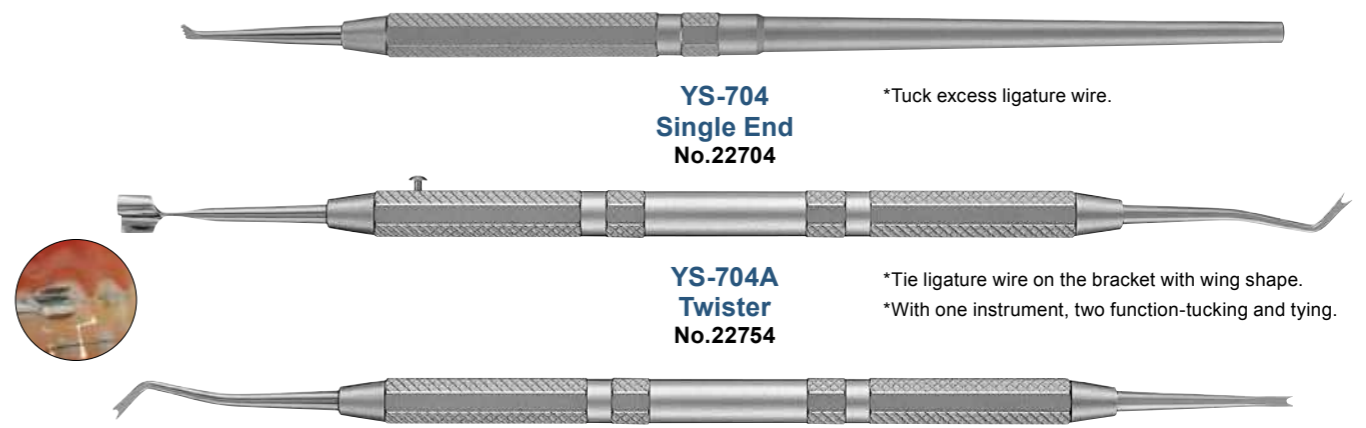
YS-507
No.22507
*Coon Type.



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



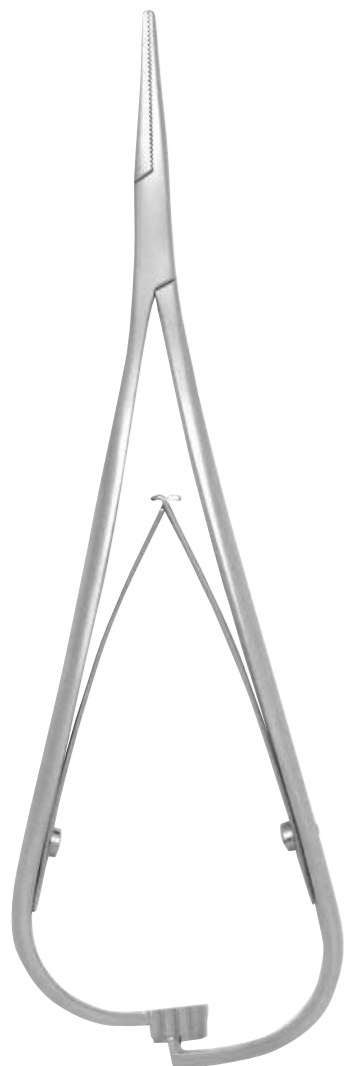
No.27709





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

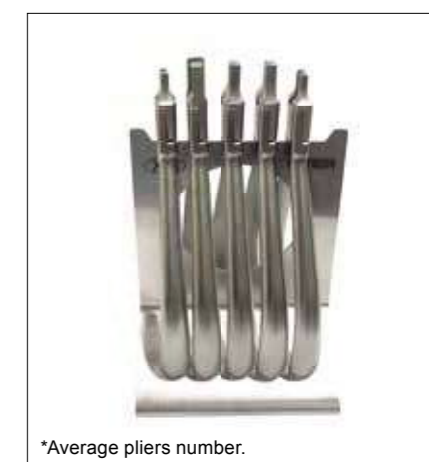


Pliers Stand

*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

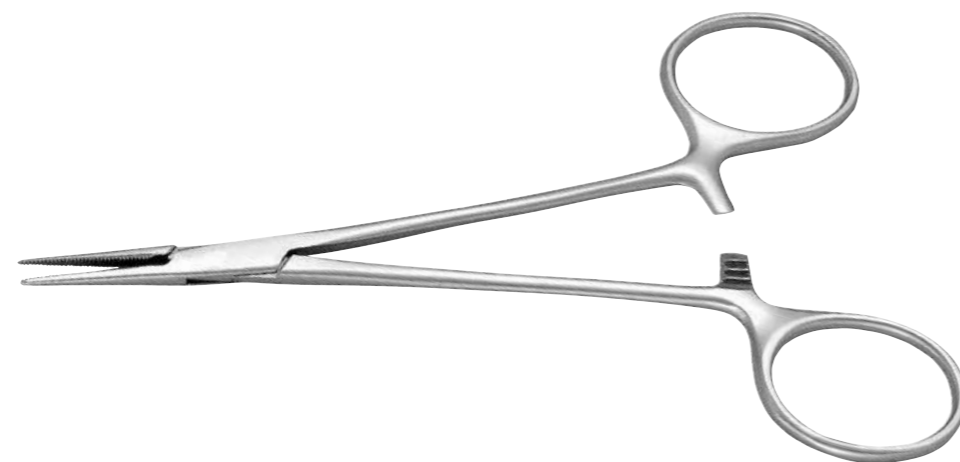


*Average pliers number.

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



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

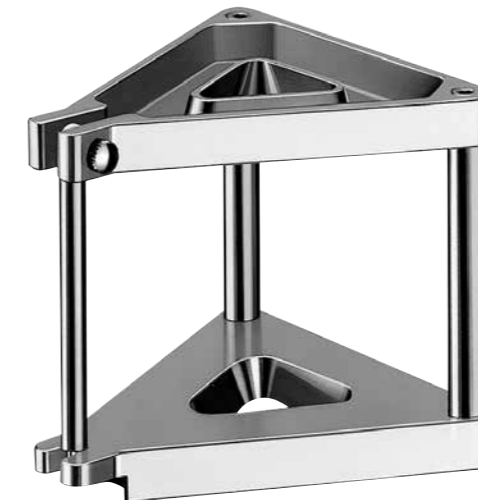


#2 for Posterior
No.13206



Articulator

-for Construction Bite-



YS-714
No.22714

Band Pusher

- *Insert band.



YS-701
No.22753





Typodont Articulator

YS-802A
No.22822



*Wax form does not include.

-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.



Typodont Teeth

*Education tool to learn the appropriate orthodontic force and result of the teeth position.

*Also used for practice of placing the brackets and ligatures.

*Metal tooth root for quick heat conduction.

No.22834
(Parts 28 teeth)



Image



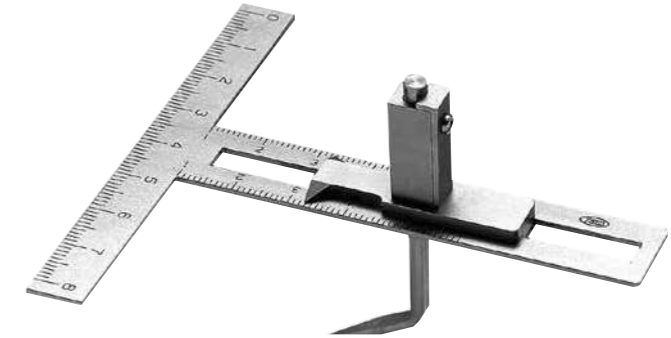
*Wax form does not include.



Model Measuring Device

Contents Main body, Chart (25 sheets)

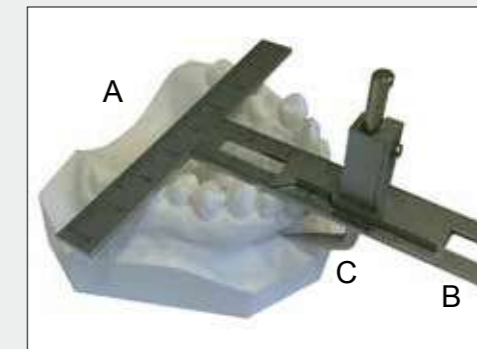
YS-34 with Chart
No.22934



*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.

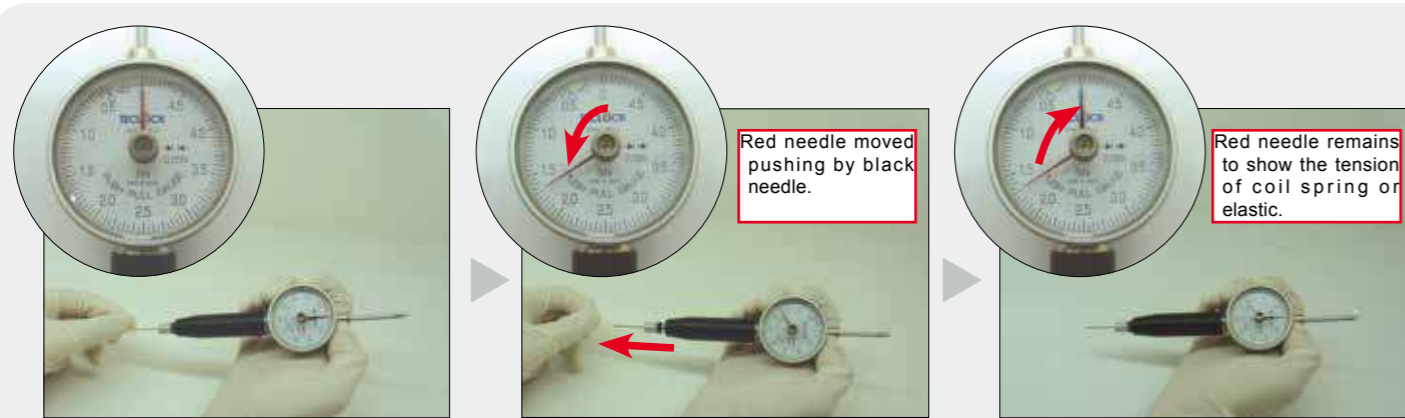


YS-31 5N
No.22955

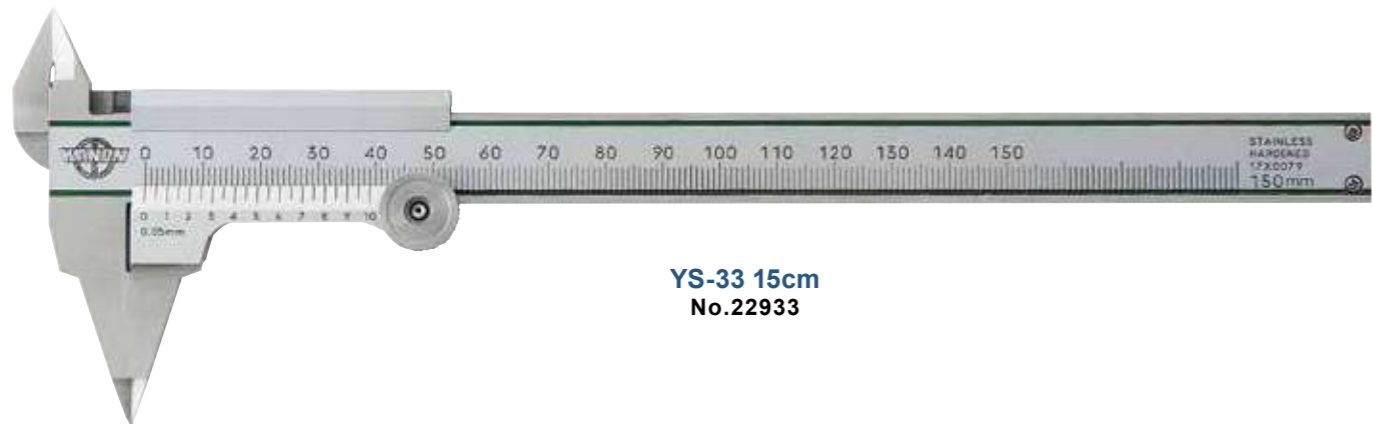


YS-31D Dial (5N)
No.22930

*1N = 100g



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



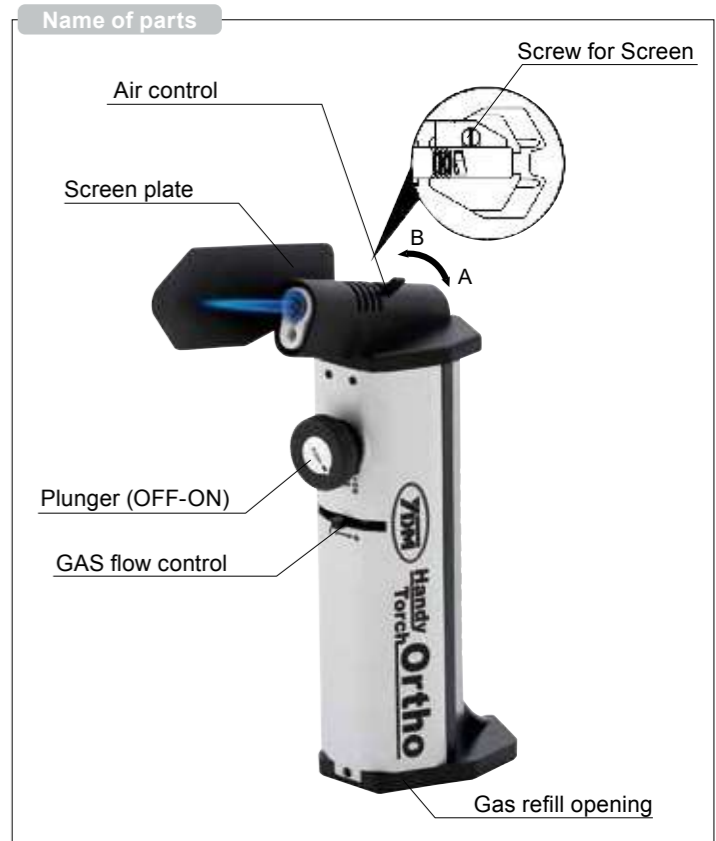
Handy Torch

*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)



*The head is given 70° angle to avoid direct dripping of wax on the nozzle when used lying down on the table.



Scraper



YS-706
No.22706



Locking Tweezers



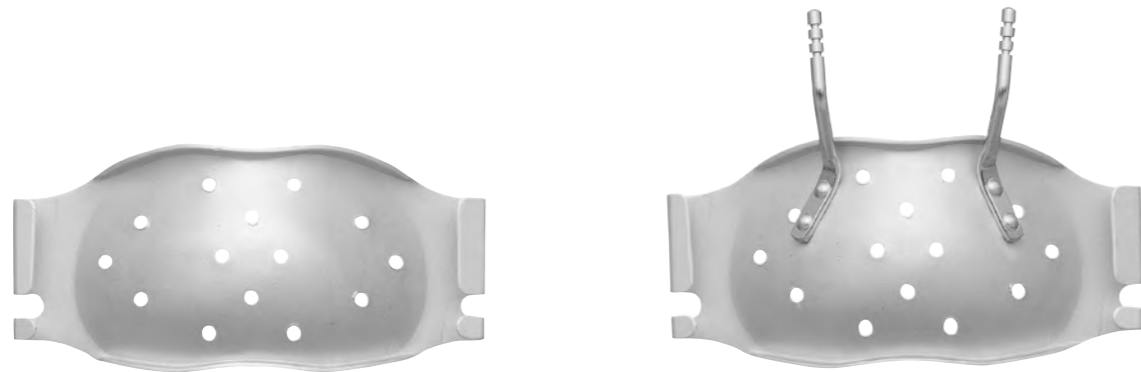
YS-707S
No.22707



YS-708L
No.22708



Chin Cap



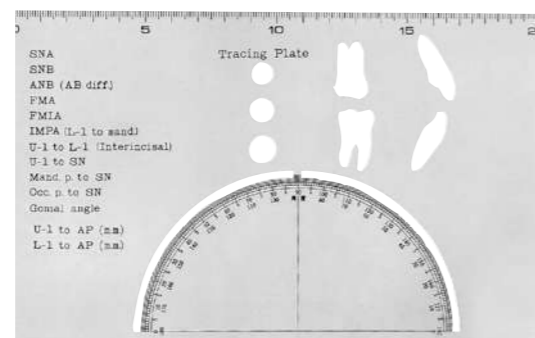
No.22868

Maxillary Traction
No.22869



Tracing Plate

YS-40
No.22940



Size / W210xD130mm

Color Tray

-Premium-

***Aluminium**

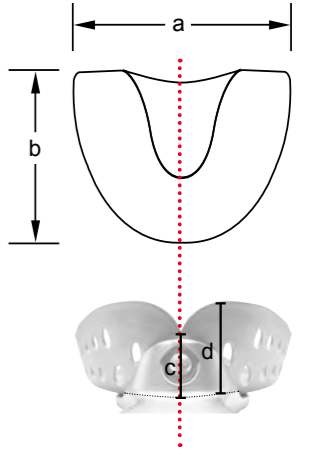
*Color coded for easy identification.

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

*Easily bendable for a custom fit.

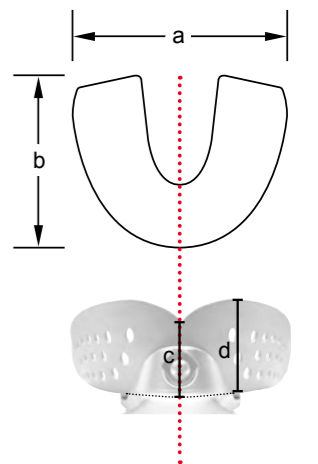
*Impression materials stick to aluminium well because of features of aluminium itself,also they are difficult to be removed when in fitting.

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

