



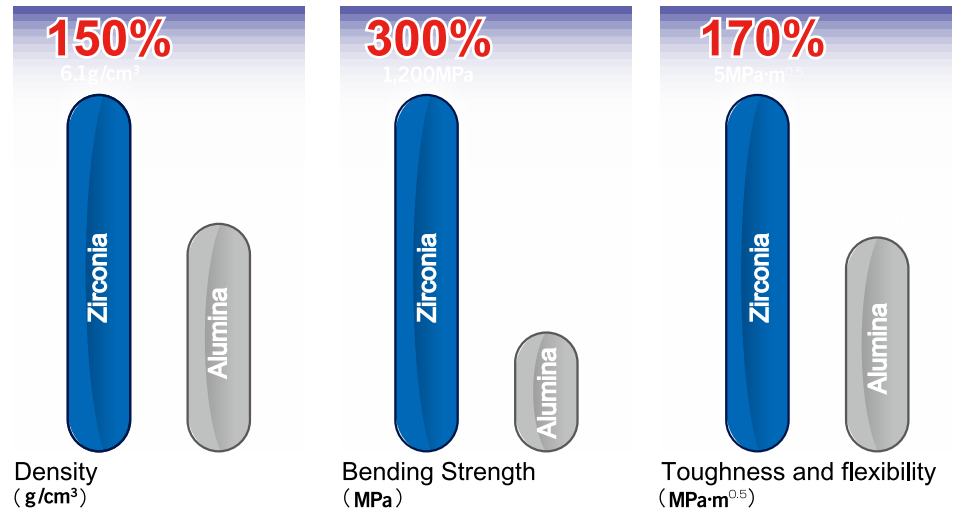
6 features of COBY™

ZIRCONIA CERAMIC BRACKETS

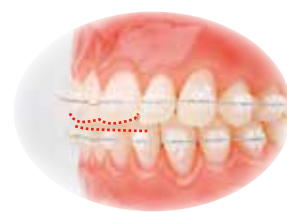
- Toughness and Flexibility
- Low Profile
- Shoulder System
- Bonding Base
- Safety Debonding
- Aesthetics

1) Excellent Toughness and Flexibility

Great material reduces fracture.



2) Low Profile



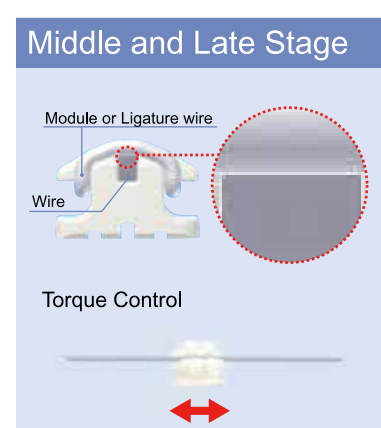
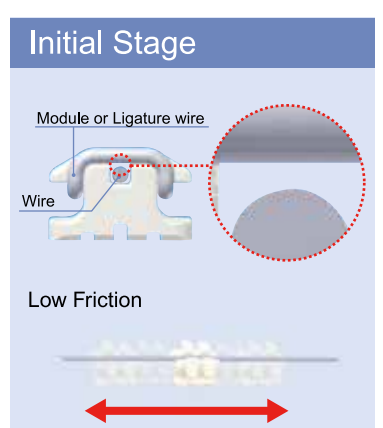
Zirconia Ceramic provides low profile, compact shape, which reduces occlusal interference.

3) Shoulder System



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

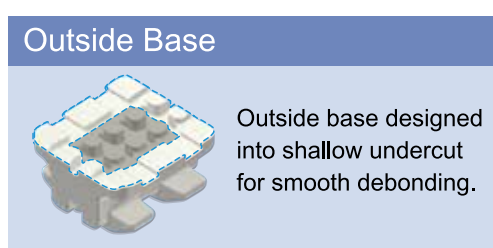
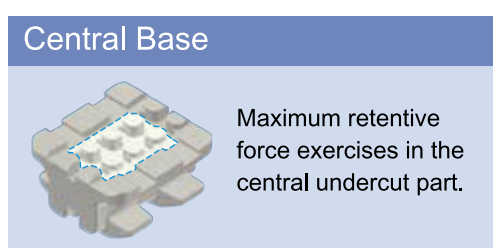
Comparing to Composite and Alumina



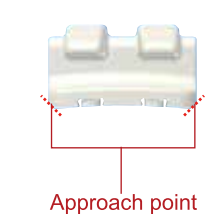
4) Bonding Base

Suitable for any kind of adhesion bond.

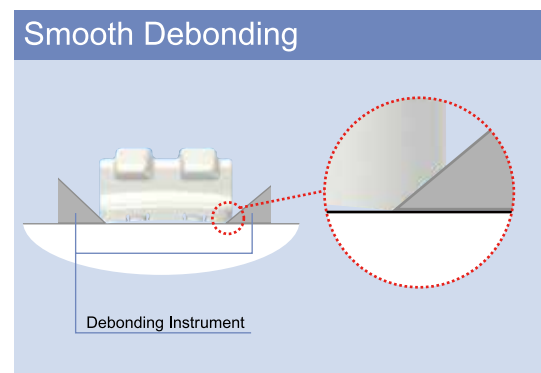
- Light Cure OK
- Chemical Cure OK



5) Safety Debonding

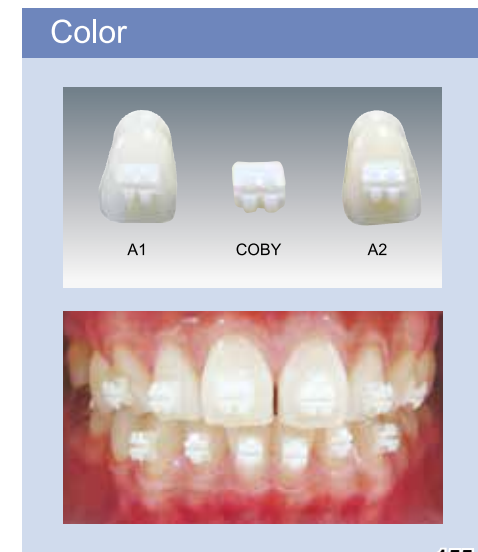


Approach points for debonding instrument on mesial / distal corners of base provide smooth and safe debonding without breakage of bracket.



6) Aesthetics

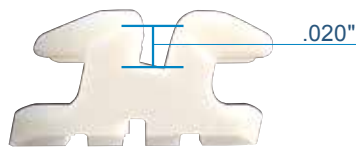
Similar to natural teeth.





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"

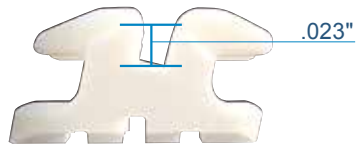
Torque control
Rect. wire .016" x .022"
.017" x .025"
.018" x .025"

	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

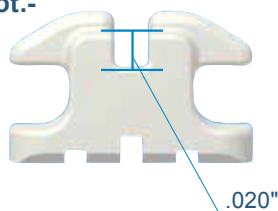
-Standard .018" slot-

-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	$\frac{5+5}{5+5}$	-	-	-

EVERFine

EVERClassic

Traditional
and
Classical Design.

Fine Tips
and
Supple Curved Handle.



Ever with You...





Pin & Ligature Cutter **EVER**Fine



*Cut excess ligature wire.

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



601
Angle 40
No. 27601

*Cut up to .012" (ø0.30mm)



602
Reverse 40
No. 27602

*Cut up to .012" (ø0.30mm)



603
Angle 50
No. 27603

*Cut up to .012" (ø0.30mm)



604
Reverse 50
No. 27604

*Cut up to .012" (ø0.30mm)

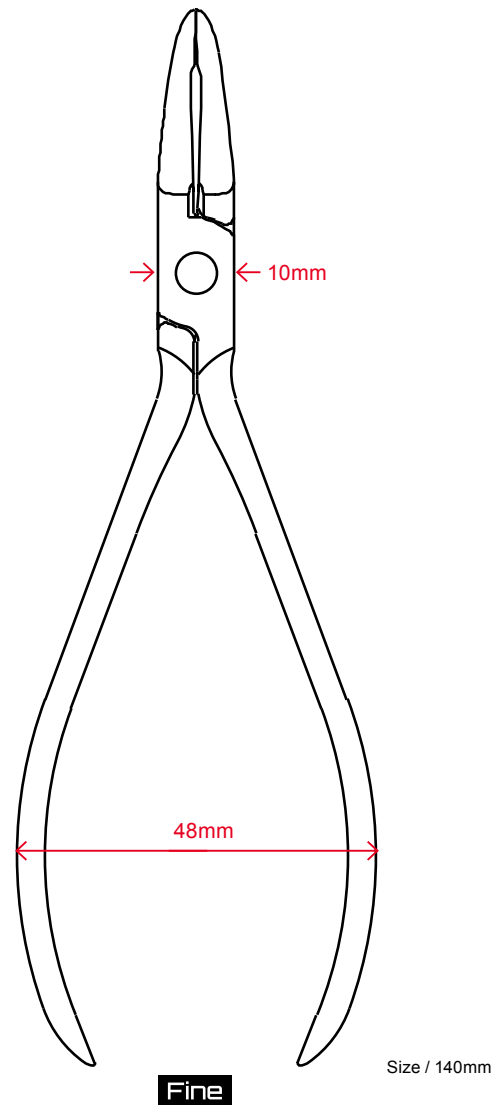
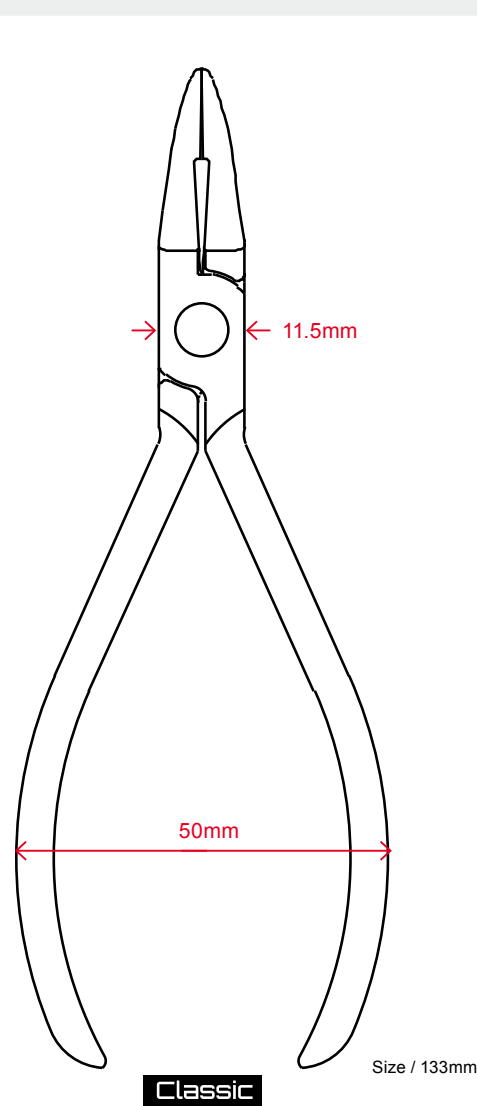


*Comparison of, Straight Type and Angled Type.

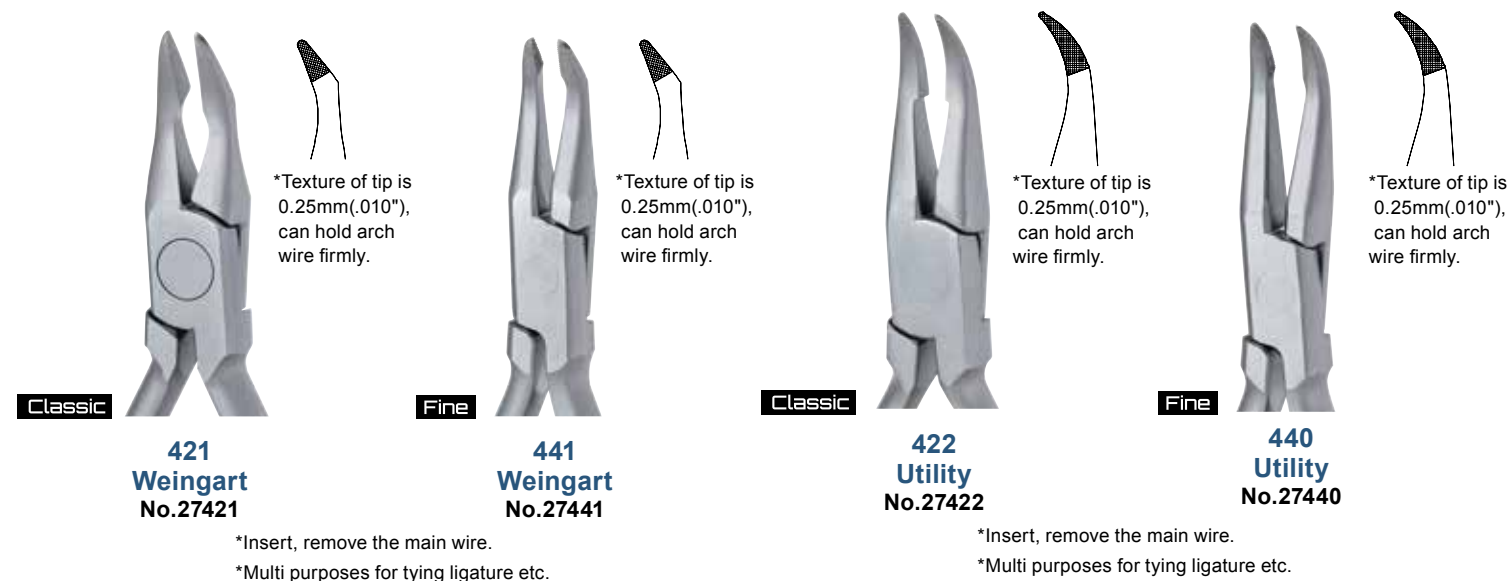




- Classic** Traditional and classical design fascinate artistic mind.
- Fine** Supple curved handle narrow box joint fascinate new generations.



-Utility Pliers-



-Utility Pliers-

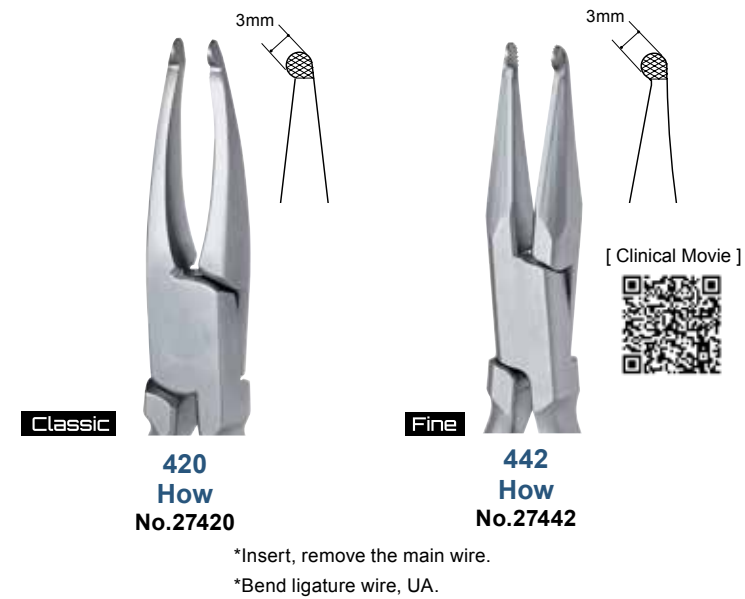


*Tips Pictures of 422 / 440 / 462.

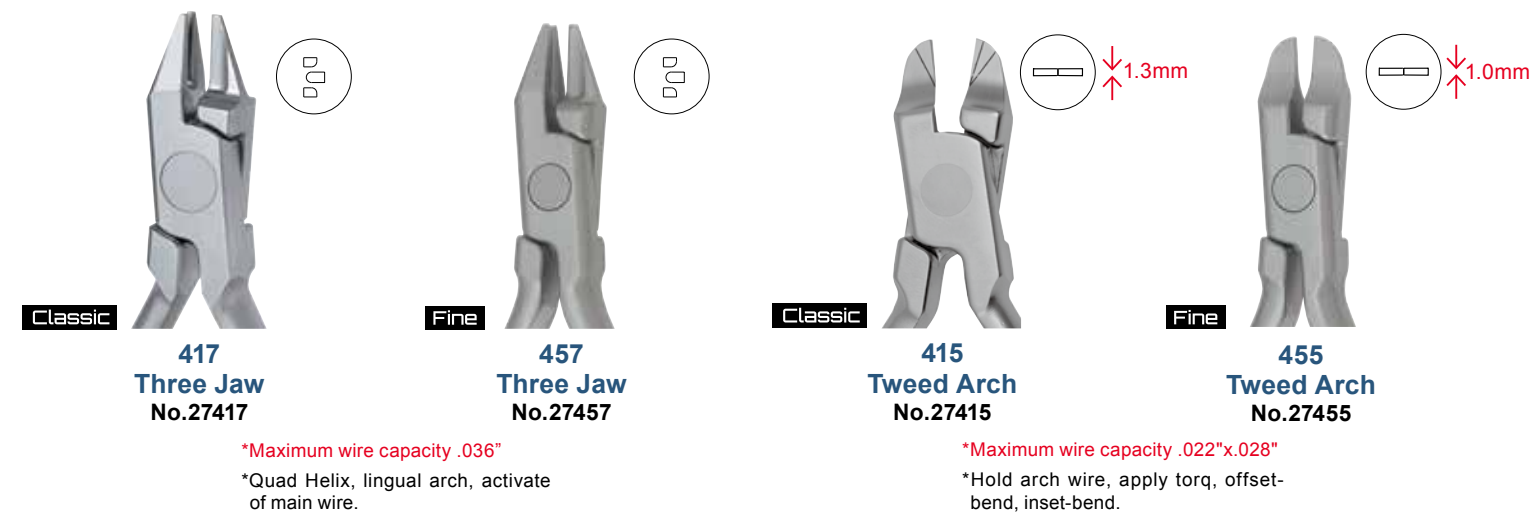




-Utility Pliers-

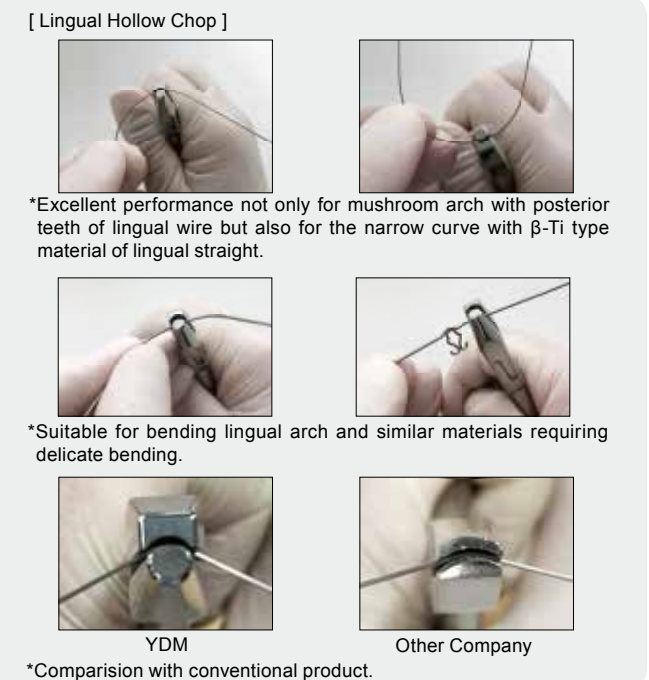
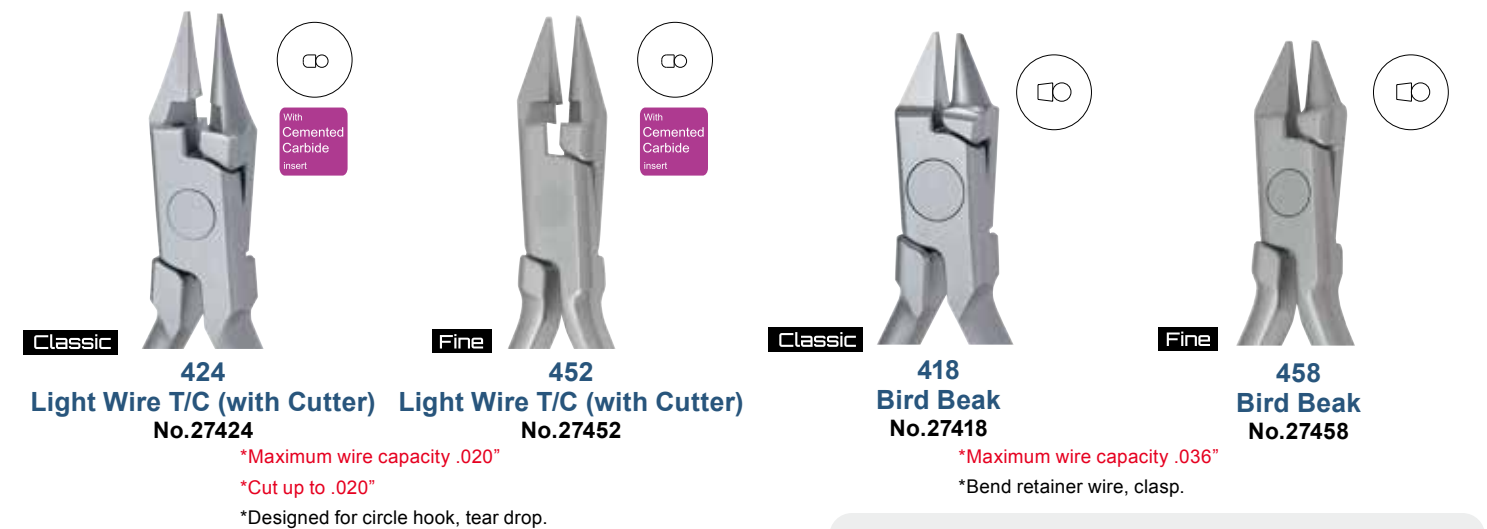
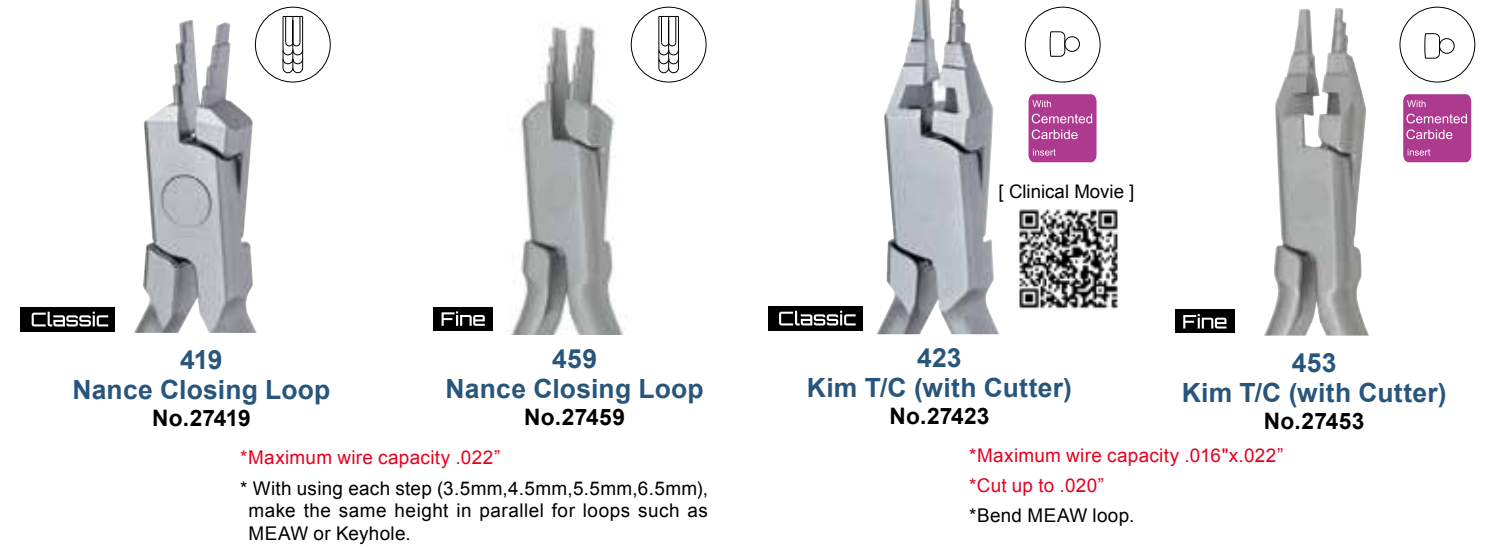


-Bending Pliers-



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

-Bending Pliers-





Orthodontic Pliers **EVER**

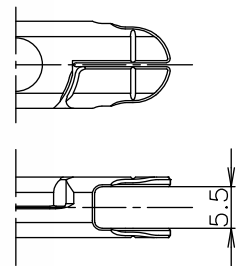


-Bending Pliers-

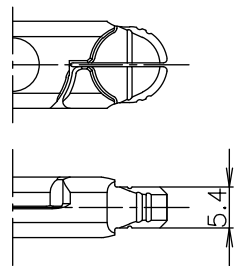
*Apply the torque to arch wire with this combination of #27427 and #27428.
*15°and 30°lines for "M" and "F" make your bending smooth and easier.



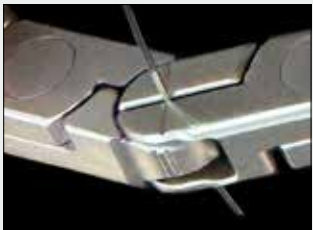

428
Torquing F
No.27428
Classic



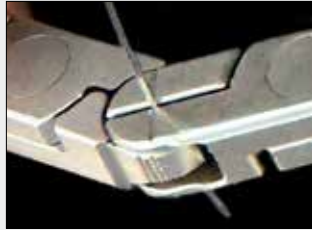

427
Torquing M
No.27427
Classic




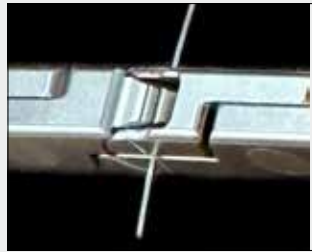
1) Hold wire by Female plier.
* On the cross(+) point.



2) Insert the Male plier.
*Both pliers middle line should be straight



3) Hold like picture and check 2 lines
for 15° & 30°

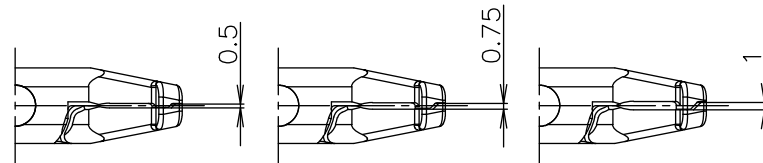


-Bending Pliers-

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



445
Step 1/2mm
No.27445
Fine



446
Step 3/4mm
No.27446
Fine

447
Step 1mm
No.27447
Fine



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



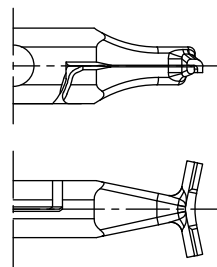
461
Cinch Back
No.27461
Fine



YDM (461)

Conventional Type

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



*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



*For making a slit to apply elastic with aligner. Excellently sharp cutting so it doesn't make rough surface, which avoid cutting of elastic.



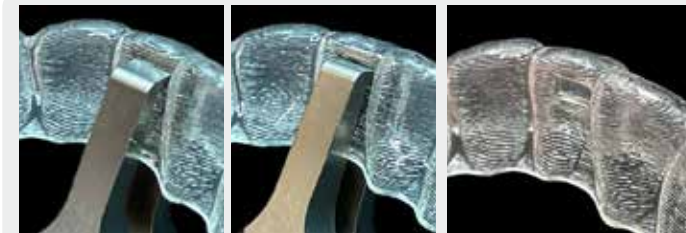
449
Vertical
No.27449



*For making a vertical hollow to apply rotation 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, especially lower anterior.



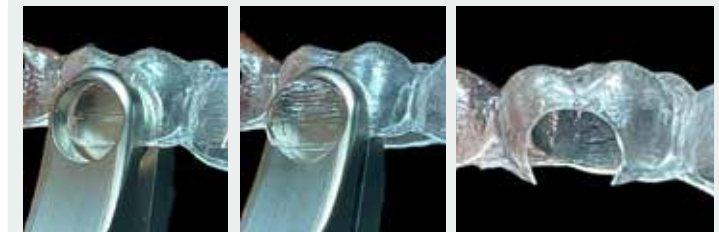
450
Horizontal
No.27450



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



451
Hole Punch
No.27451



*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.



465
Key Punch
No.27465



*For making unique "Key Hole" shape slit to apply elastic with aligner. Excellently sharp cutting without roughness and "Key Hole" shape keeps the elastic inside of slit stable.



463
Round Former 1.0
No.27463



*For making 1.0mm circle hollow to narrow part of aligner such as lower anterior to apply rotation or torque. Also for making additional hollow to the hollow applied by Vertical or Horizontal pliers for more rotation or torque.



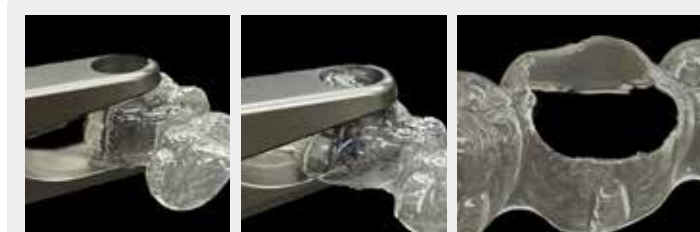
464
Round Former 2.0 SM
No.27464



*For making "2.0mm" circle hollow to narrow part of aligner such as lower anterior to apply rotation or torque. Also for making additional hollow to the hollow applied by Vertical or Horizontal pliers for more rotation or torque.



429
Occlusal Punch
No.27429



*In the detailing period, occlusal part on posterior area can be opened. Thanks to this pliers we can make a hole on occlusal part, it can lead orthodontic extrusion.

-Banding Pliers-

Classic

412
Band Removing
No.27412

Fine

443
Band Removing
No.27443

Fine

460
Band Removing L
No.27460

*Longer tip than 412,443.

Classic

410
Band Contouring
No.27410

-Banding Pliers-

Classic

411
Band Margin
No.27411

Classic

413
Bracket Removing T/C
No.27413

-Debonding Pliers-

Fine

444
Bracket Removing T/C
No.27444

-Crimping Pliers-

Classic

425
Crimping
No.27425

*For removing "attachment" of aligner efficiently.

*Please use bur in case attachment remained a little after using this pliers.

Convertible Cap Removing Pliers

ND-934
No.27934

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

[Sectional Drawing]

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

[Sectional Drawing]

*Please remove the fallen cap from a mouth.

170

171

Autoclavable
up to **135°C**



Autoclavable
up to **135°C**

*Average pliers number.

Autoclavable
up to **135°C**

Autoclavable
up to **135°C**

Autoclavable
up to **135°C**

#2 for Posterior
No.13206



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



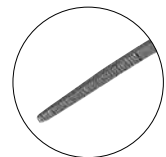
Multi Use Tweezers Fine

***"Multi" use for handling bracket, tube, lingual button and so on.

*Firm and stable hold without dropping off even used for tube thanks to its "exquisite" tip design.

*Designed slim tip not to get stuck with the space of hook part of tube.

No.27409



*Serrated tip for stable hold.



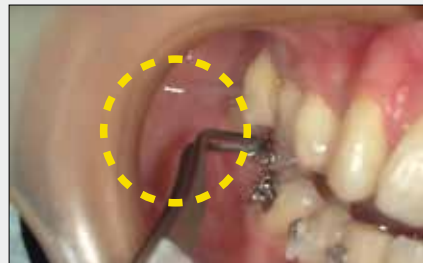
[Handling bracket]



[Handling tube]



*Designed angle for clear view.



*Bonding tube on second molar.

Designed tip angle not to contact retractor.

*Compact design even for lingual treatment.



*Able to use for holding and tying elastic tube.



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 Occluder by applying molten wax with an instrument.



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



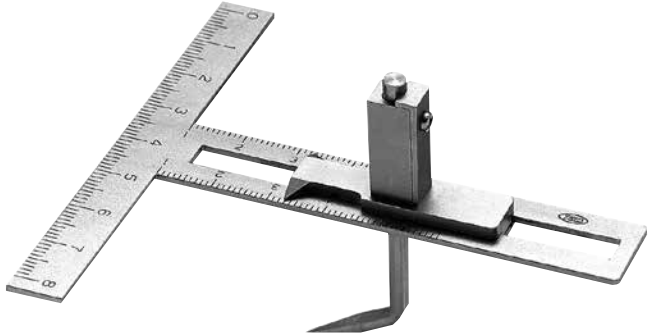
3) Dip the jaws into 55-60°C warm water.



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

Contents
 Main body, Chart (25 sheets)

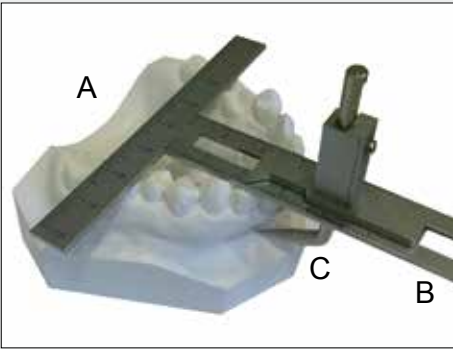
YS-34 with Chart
 No.22934



*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.

- Length of dental arch
- Width of dental arch
- Length of BASAL ARCH
- Width of BASAL ARCH



[Direction of how to use]

- Horizontal part
- Vertical part
- Indicator needle

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

- Width of dental arch
With horizontal part A measure its distance between buccal sides of first premolar tooth.
- 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.
- 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.
- 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.



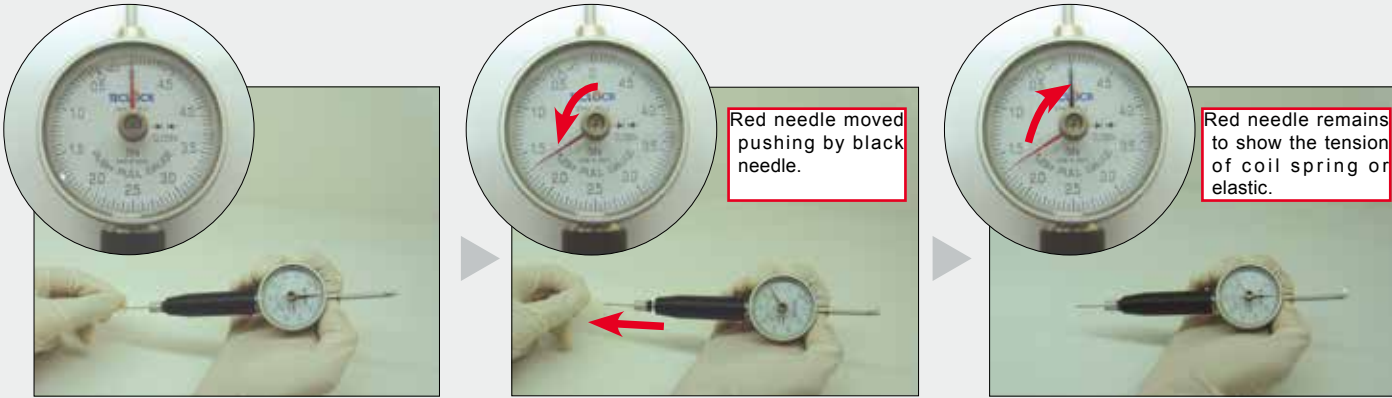
YS-31 5N
 No.22955



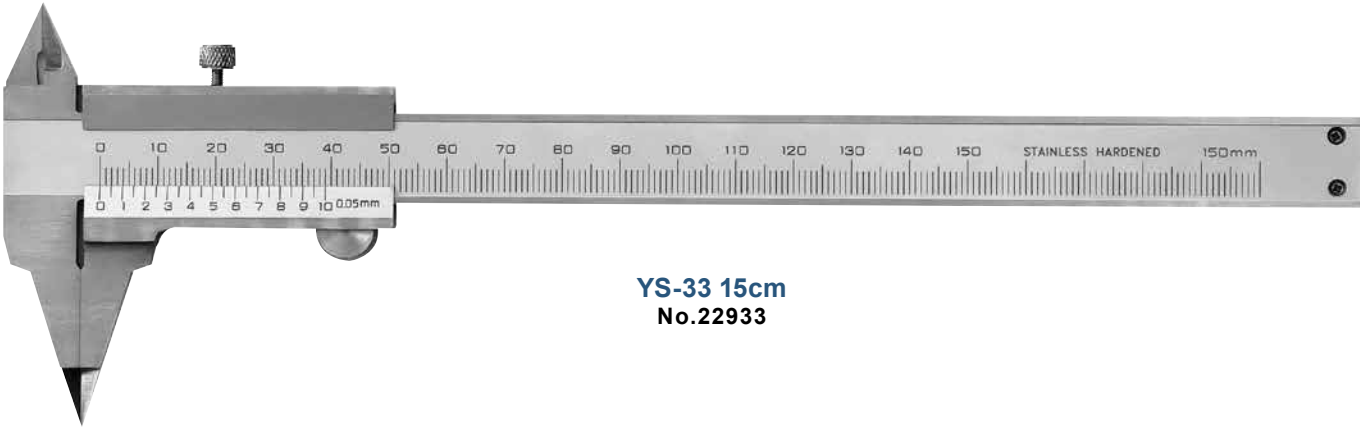
YS-31D Dial (5N)
 No.22930



*1N ≒ 100g



Orthodontic Calipers



YS-33 15cm
 No.22933

Orthodontics

Boone Gauge

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

YS-39
No.22939

Autoclavable up to 135°C

Not Autoclavable

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)

Name of parts

Diagram labels: Air control, Screen plate, Plunger (OFF-ON), GAS flow control, Screw for Screen, Gas refill opening

70°

*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

Not Autoclavable

Autoclavable up to 135°C

Locking Tweezers

YS-707S
No.22707

YS-708L
No.22708

Autoclavable up to 135°C

Not Autoclavable

Chin Cap

No.22868

Maxillary Traction
No.22869

Not Autoclavable

Tracing Plate

YS-40
No.22940

Tracing Plate

Measurements: SNA, SNB, ANB (AB diff), FMA, IMPA (L-1 to mand), U-1 to L-1 (Interincisal), U-1 to SN, Mand. p. to SN, Occ. p. to SN, Gonial angle, U-1 to AP (mm), L-1 to AP (mm)

Size / W210xD130mm

Color Tray



-Premium-

*Aluminium

*Color coated 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



Pink



Blue



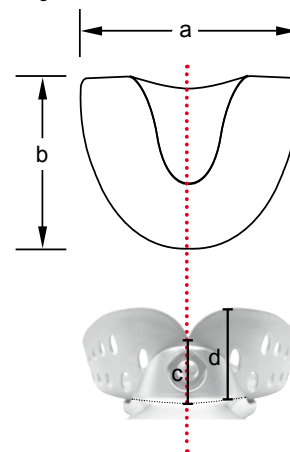
Red



Gold

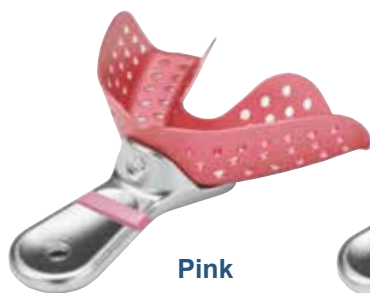


Violet



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

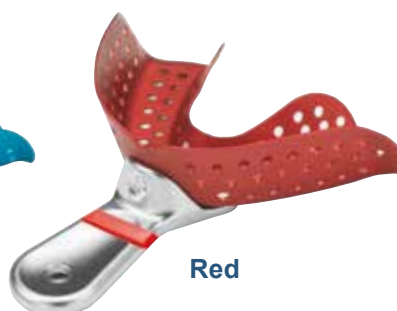
Lower



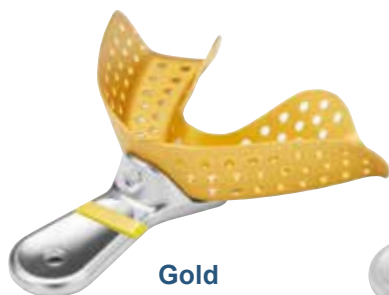
Pink



Blue



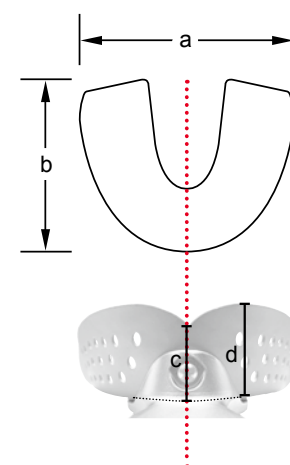
Red



Gold



Violet



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