









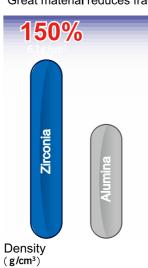






1) Excellent Toughness and Flexibility

Great material reduces fracture.







2) Low Profile



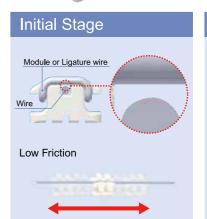
Zirconia Ceramic provides low profile, compact shape, which reduces occlusal interference.

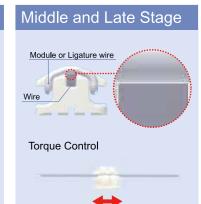
3) Shoulder System



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







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

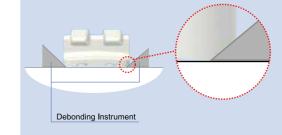


mesial / distal corners of base provide smooth and safe debonding without breakage of bracket.

Approach points for

debonding instrument on

Smooth Debonding



6) Aesthetics

Similar to natural teeth.

Color

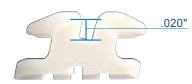






Zirconia Ceramic Bracket COBY

-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"

.017 x .025

	Code No.	Description	Tooth
	27880	STR-018-3-3	3+3 3+3
1 Case kit	27881	STR-018-3-3H 💥	3+3
i Case kii	27884	STR-018-5-5	<u>5+5</u>
	27885	STR-018-5-5H 💥	5 + 5

**Only UL3 : With the hook.
-Straight .022" slot

	No.	Description	Tooth	Color Marking	Torq.	Ang.
	27800	STR-U1R-018	_1		12	5
	27801	STR-U1L-018	1		12	5
	27802	STR-U2R-018	2		8	9
	27803	STR-U2L-018	2		8	9
Upper (10 ea.)	27804	STR-U3R-018	_3		-2	11
	27805	STR-U3L-018	3		-2	11
	27806	STR-U3R-018H	_3		-2	11
	27807	STR-U3L-018H	3		-2	11
	27808	STR-U45-018	54 45		-7	0
	27811	STR-L12-018	21 12	-	0	0
	27813	STR-L3R-018	3		-11	7
	27814	STR-L3L-018	3		-11	7
Lower (10 ea.)	27815	STR-L3R-018H	3		-11	7
. ,	27816	STR-L3L-018H	3		-11	7
	27817	STR-L4-018	4 4		-17	0
	27820	STR-L5-018	5 5	•	-22	0

.022" slot-	
	.023"

-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"

.022 X.020					
	Code No. Description		Tooth		
	27882	STR-022-3-3	<u>3+3</u>		
4.0	27883	STR-022-3-3H ※	3+3		
1 Case kit	27886	STR-022-5-5	<u>5+5</u>		
	27887	STR-022-5-5H ※	5+5		

Only UL3 : With the hook.

-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"

	27840	STR-U1R-022	_1		12	5
	27841	STR-U1L-022	<u>1</u>		12	5
	27842	STR-U2R-022	_2		8	9
	27843	STR-U2L-022	2_		8	9
Upper (10 ea.)	27844	STR-U3R-022	_3		-2	11
,	27845	STR-U3L-022	3		-2	11
	27846	STR-U3R-022H	_3		-2	11
	27847	STR-U3L-022H	<u>3</u>		-2	11
	27848	STR-U45-022	54 45		-7	0
	27851	STR-L12-022	21 12	-	0	0
	27853	STR-L3R-022	3		-11	7
	27854	STR-L3L-022	3		-11	7
Lower (10 ea.)	27855	STR-L3R-022H	3		-11	7
,	27856	STR-L3L-022H	3		-11	7
	27857	STR-L4-022	4 4		-17	0
	27860	STR-L5-022	5 5	•	-22	0

Description

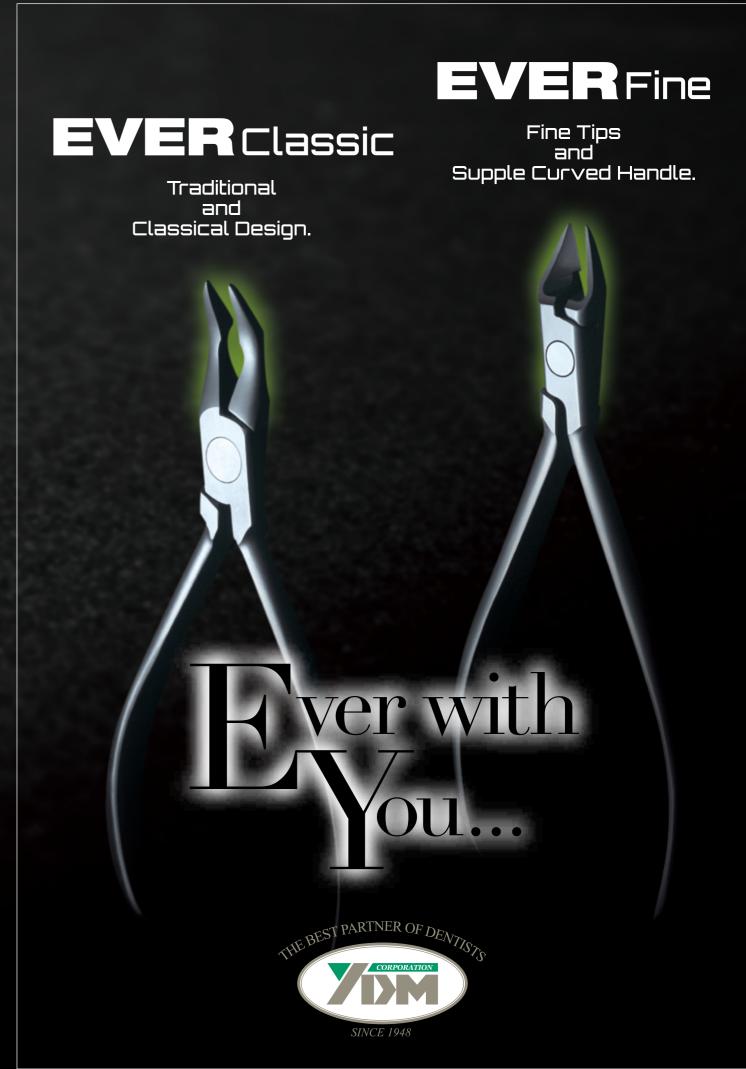
Tooth

Torq.

Ang.

No.

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





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.



606S T/C No.27606

*Cut up to •Round wire .012"-.020"

•Rect. wire .016"x.016"-.022"x.028"

606L T/C No.27607

*Cut up to •Round wire .012"-.020"

Rect. wire .016"x.016"-.022"x.028"

Pin & Ligature Cutter **EVER**





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



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 premolars and molars.

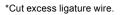




Pin & Ligature Cutter **EVER** Fine







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









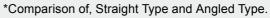














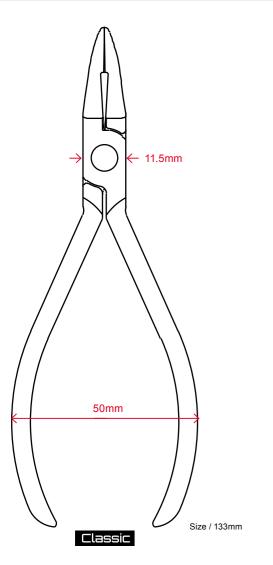


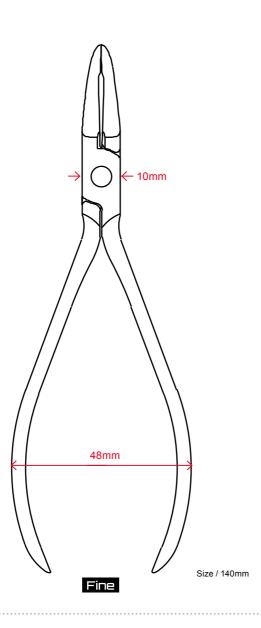




Traditional and classical design fascinate artistic mind.

Supple curved handle narrow box joint fascinate new generations.





-Utility Pliers-



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

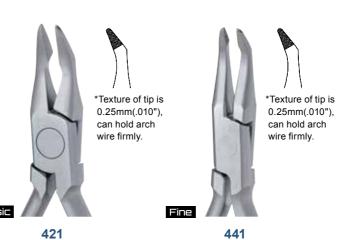
-Utility Pliers-



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

*Tips Pictures of 422 / 440 / 462.





Weingart

No.27441

Weingart No.27421 *Insert, remove the main wire. *Multi purposes for tying ligature etc.



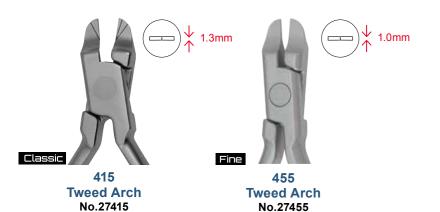
*Comfortable Long handle with precise tip for both Lingual and Labial treatment.







-Bending Pliers-



*Maximum wire capacity .022"x.028"

*Hold arch wire, apply torq, offsetbend, inset-bend.



457 **Three Jaw Three Jaw** No.27417 No.27457

*Maximum wire capacity .036"

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



418 **Bird Beak** No.27418

Bird Beak

No.27458

*Maximum wire capacity .036"

*Bend retainer wire, clasp.



414 Young No.27414

454 Young

No.27454

*Maximum wire capacity .040"

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



416 Tweed Loop Forming No.27416

Tweed Loop Forming

 \bigcirc

No.27456

*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-



Nance Closing Loop No.27419



Nance Closing Loop No.27459

*Maximum wire capacity .022"

* With using each step (3.5mm,4.5mm,5.5mm,6.5mm), make the same height in parallel for loops such as MEAW or Keyhole.



423 Kim T/C (with Cutter) No.27423

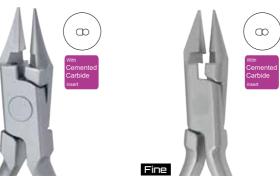


453 Kim T/C (with Cutter) No.27453

*Maximum wire capacity .016"x.022"

*Cut up to .020"

*Bend MEAW loop.



452 Light Wire T/C (with Cutter) Light Wire T/C (with Cutter) No.27424 No.27452

> *Maximum wire capacity .020" *Cut up to .020"

*Designed for circle hook, tear drop.



Lingual Hollow Chop No.27426

*"Utility" Hollow Chop Pliers are not only for 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.





delicate bending.





*Comparision with conventional product.

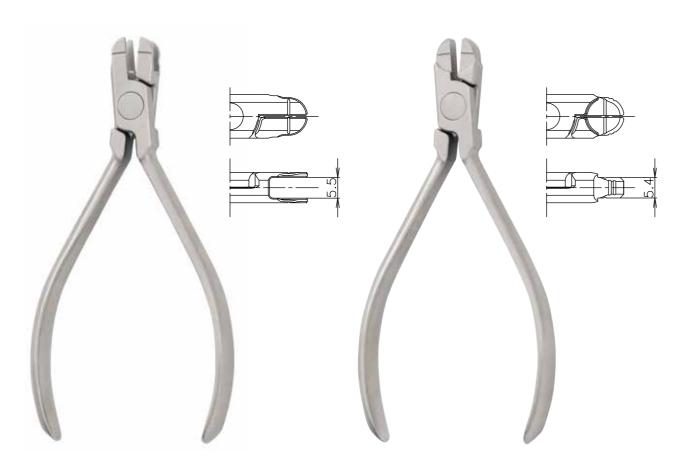


-Bending Pliers-

- *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.





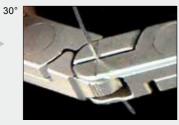


428 Torquing F No.27428 Classic



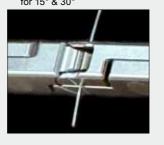
2) Insert the Male plier.





427 Torquing M No.27427 Classic

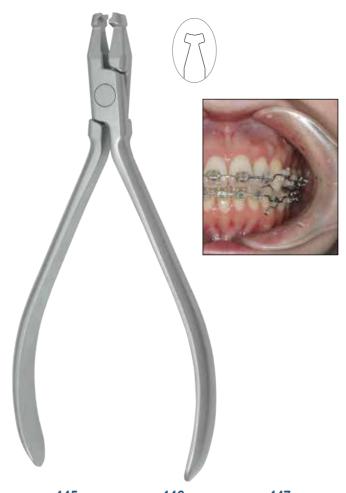
3) Hold like picture and check 2 lines for 15° & 30°





-Bending Pliers-

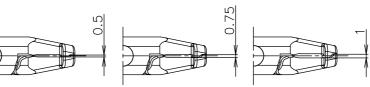
*YDM unique and efficient design of "Step" and "Cinch Back" Pliers.

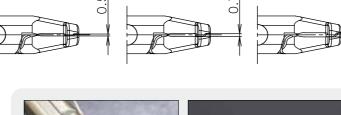




Step 3/4mm No.27446 Fine

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







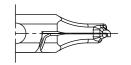
*Small head with unique design for "beautiful parallel step".

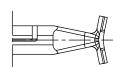
*3 types, 1mm, 0.75mm and 0.5mm, available.



Cinch Back No.27461 Fine

*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



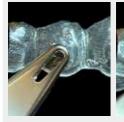
449 Vertical No.27449

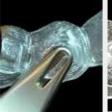


450 Horizontal No.27450



451 **Hole Punch** No.27451







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



*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, espetially lower anterior.



*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, especially lower anterior.



*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



Round Former 1.0 No.27463



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



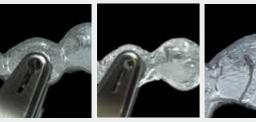




No.27444

*For removing "attachment" of aligner efficiently.





*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.





*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

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









412 Band Removing No.27412



443 Band Removing No.27443



460 Band Removing L No.27460



*Longer tip than 412,443.

-Banding Pliers-



411 Band Margin No.27411

-Debonding Pliers-



413 Bracket Removing T/C No.27413



444
Bracket Removing T/C
No.27444

-Crimping Pliers-



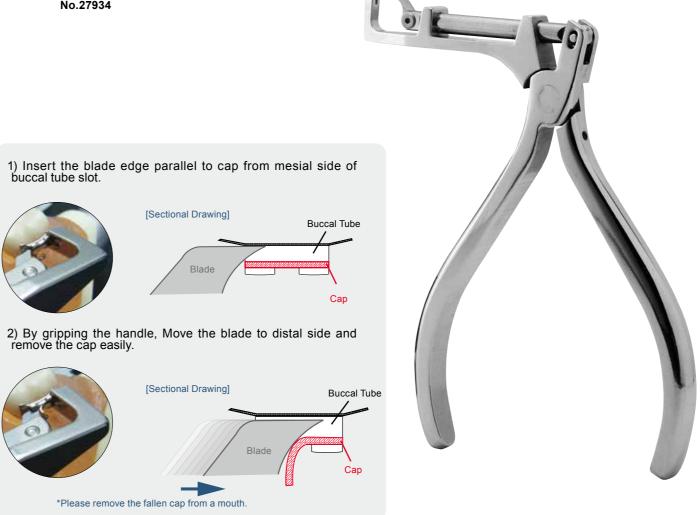
425 Crimping No.27425



Convertible Cap Removing Pliers



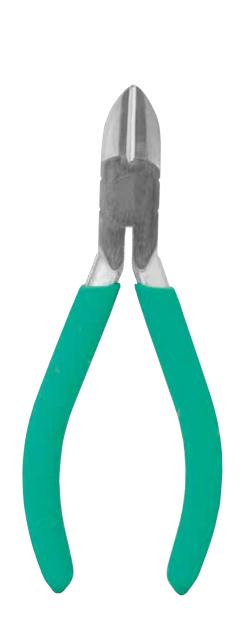




Wire Cutter



*Cut retainer wire, clasp wire.



YS-601 No.22601

*Cut up to .032" (ø0.80mm)



YS-602 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.





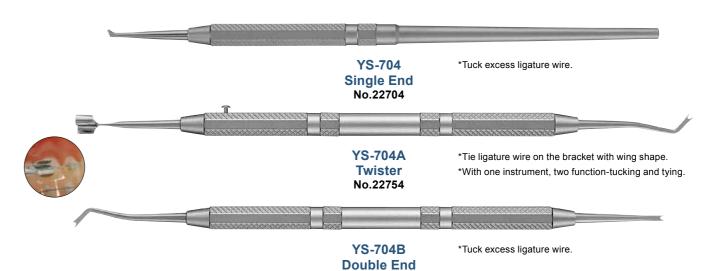
YS-507 No.22507 *Coon Type.



[Clinical Movie]

Ligature Director





Arch Wire Director





No.27709



No.22755



Pliers Stand



*Convenient pliers stand made by high-class stainless steel for steriliation and storage of pliers / cutters.

^{*&}quot;S" and "L" size are abailable.



No.	Description	S	ize (mn	n)
INU.	Description	а	b	С
27400	Pliers Stand S	112	64	80
27401	Pliers Stand L	154	124	140



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

Surplus Cement Remover



*Remove surplus bonding material smoothly.



#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

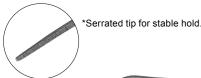


Multi Use Tweezers Fine



- *"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





[Handling bracket]









*Designed angle for clear view.



*Bonding tube on second molar.

Designed tip angle not to contact retractor.

*Compact design even for lingual treatment.





Model Measuring Device

Contents Main body, Chart (25 sheets)





- *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.

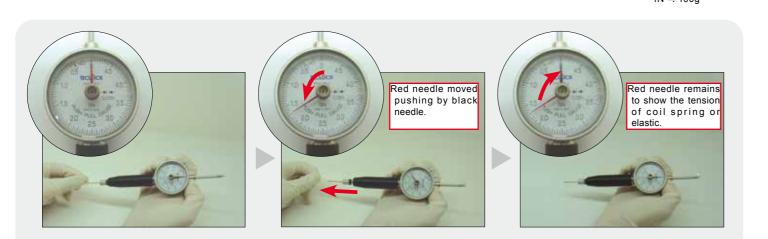




Tension Gauge

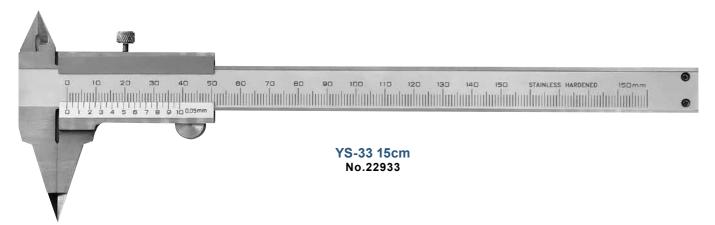
*Measure the force of coil spring and elastic.





Orthodontic Calipers





Boone Gauge

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



Handy Torch

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



- *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.







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 alminium well because of features of alminium itself, also they are difficult to be removed when in fitting.





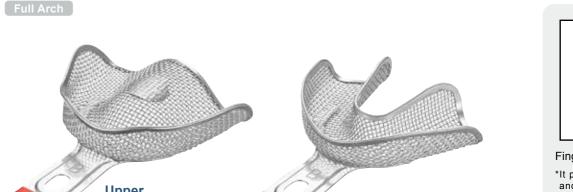
Net Tray



-Premium-

*Stainless Steel

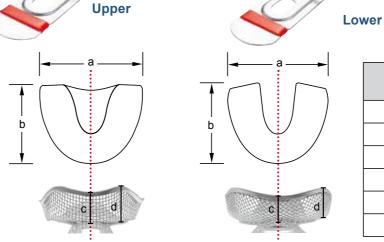
*Stainless steel trays prevent corrosion and discolor after soaking in tray cleaner or disinfectant solution.





Finger rest (Upper)

*It provides finger position and prevents impression material to adhere onto



No.	Description		Size	Color ring		
NO.	Description	а	b	С	d	Color filig
19381	A for Upper	73	60	19.5	23	
19382	A for Lower	76	62	15	20	
19384	B for Upper	70	55	17	22	
19385	B for Lower	72	58	14.5	20	
19387	C for Upper	66	53	15	20	H
19388	C for Lower	69	54	14	18	

*Material / Si (Color ring)

Tray Tower Type-3

*Used for drying plaster models.







*Storage capacity / 6 ea. (Full arch type)
*Size / W123 x D180 x H165mm

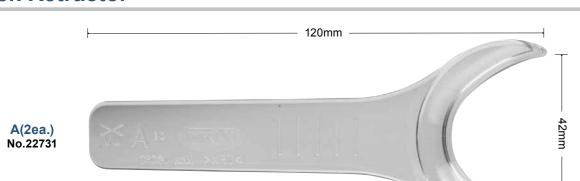


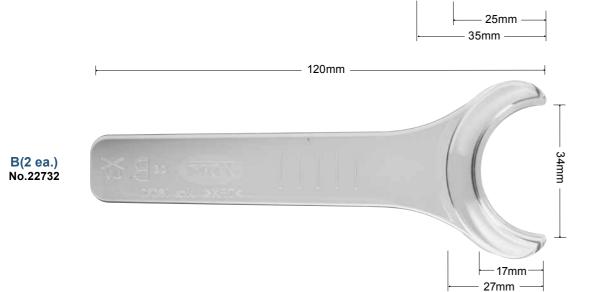
Cheek Retractor



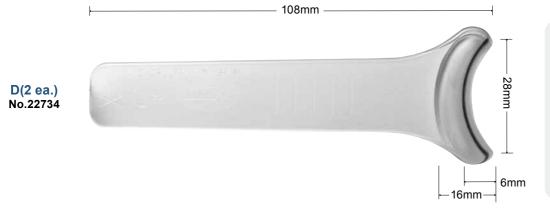














*In the case of occlusal photography, possibly used as lip retractor. With photographic mirror

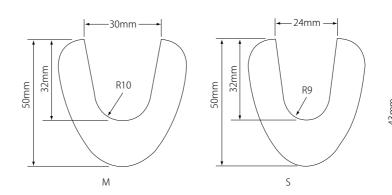
-Pigeon-

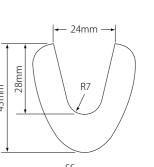






*Material / TPX







*Material / TPX

Cheek Retractor

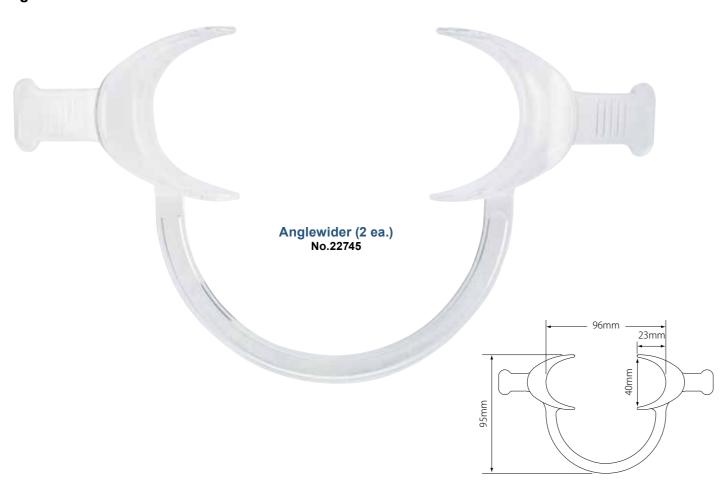








-Anglewider-



*Soft type is pale blue colored.



Cheek Retractor

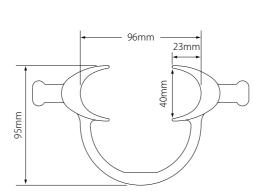






-Anglewider-

- *Easy insert by 1 hand with soft material keeping enough mouth-opening.
- *Able to keep the clear view without any assistance.
- *Soft material for patient's comfort.
- *Able to expand the view by pulling its wings.



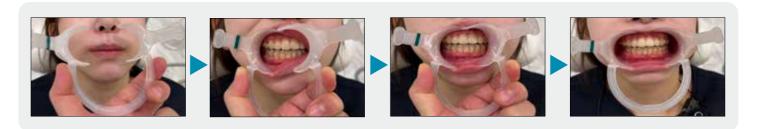
Anglewider One Hand (2 ea.) No.22726

*Material / PP : Deflection temperature 120°C









*Material / TPX



Cheek Retractor









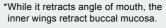
-Anglewider-

*It opens corners of the mouth, and allows clear views without auxiliary personnel. *The inner wings retract buccal mucosa, and thereby oral vestibule is clear.











*The wings retract oral vestibule, which provides you with comfortable environment to bond orthodontics brackets, serve oral care and fill resin as well.

*It opens corners of the mouth, and allows clear views without support.

It is absolutely convenient for taking a photo of mouth, serving oral care, doing orthodontics treatment.
*It is in size for infants to lower elementary school kids.



*Material / TPX

*Material / TPX

Anglewider for Child (2 ea.) No.22728

Cheek Retractor

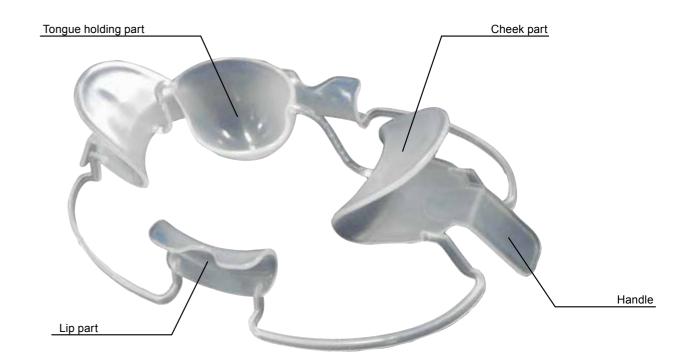




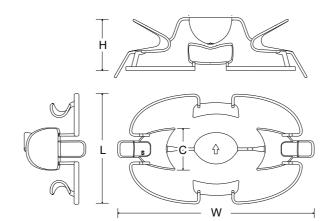
-Doublewider-

*Retract cheeks, lips, and tongue for maximum visibility and patient's comfort.

*Suitable for dental aesthetic instruction, inoffice bleaching and bracket wearing in orthodontic treatment.



*Material / PP : Deflection temperature 120°C



No.	Description		Size	(mm)	
NO.	Description	W	L	Н	С
22750	Doublewider L (2 ea.)	171	96	54.5	38
22749	Doublewider S (2 ea.)	161	90	50.5	35
22725	Doublewider SS (2 ea.)	157	80	42	25



Tongue holding part can be removed if you don't need it.



1) Make sure the up and down by the arrow on the tongue holding part, twist the both handle parts and insert the right and left



2) Place the lip parts to the upper and lower lips.





Deep Retractor SU





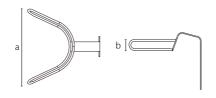












No.	No. Description		(mm)
NO.	Description	а	b
22723	Deep Retractor SU Adult	80	12
22724	Deep Retractor SU Child	67	9



*This dental-arch shape retract the buccal mucosa of molar part.





*Patient can hold the handle while operation and the handle is designed not to bother photographing.

Contraster









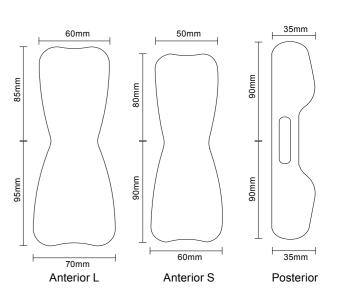
*Suitable for checking shade breaching and examining of wedge shaped defects and cervical caries, etc.

*Designed to fit the shape of dental arch.





	With contraster	Without contraster
Upper Anterior		
Lower Posterior		



Photographic Mirror

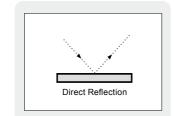








- *Use of stainless steel avoids breakage, allowing long term use of the mirror.
- *Sterilization pouch included.
- *In sterilization,put mirror into pouch without disposal sterilization pack.



- Rodium Coating
 (With "Rodium" marking on the back side) *Reflection rate / About 85%
- *Without Rodium Coating *Economy Type *Reflection rate / About 65%



*Bended design for keeping fingers out of your clinical photographs.



*"Occlusal Wide LL" and "Occlusal LL" Mirror is ideal for taking a photpgraph of "Margin" and "Buccal mucosa"even the patient has wide dental arch.

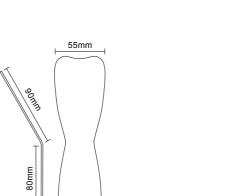


Occlusal Wide LL No.13578

(2) ST Occlusal Wide LL No.13266

Occlusal Wide S No.13577 ST Occlusal Wide S

No.13265





Occlusal No.13571



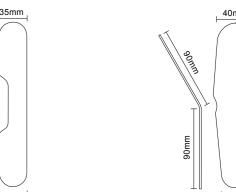
Lingual No.13572 ST Lingual No.13262

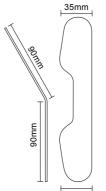


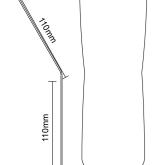
No.13573

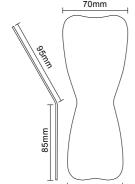
ST Buccal

No.13263









No.13576

ST Occlusal Wide L

No.13264





Photographic Mirror







Comparison of YDM Photographic Mirrors

Reflection

98%

85%

65%

Hardness

No. 13274

1000_{HV}

533_{HV}

369_{HV}

Crystal

Rhodium

No. 13273

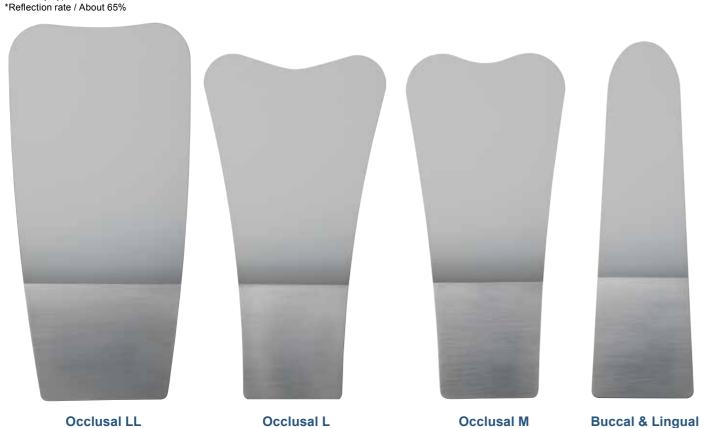
Stainless

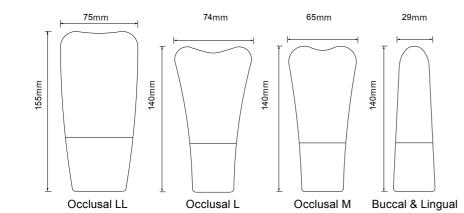
No. 13271

-SE-

*Without Rodium Coating

*Economy Type



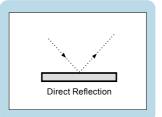


No. 13272

Photographic Mirror Crystal

-Made of Japanese glass-

- *Dielectric multilayer coating
- *Reflection rate / About 98%
- *Light weight *One sided





Occlusal L No. 13282

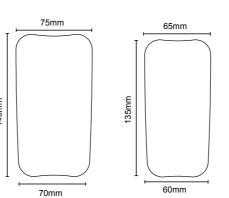
Occlusal M No. 13283



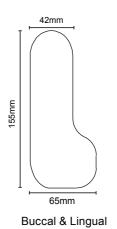
Buccal & Lingual No. 13281

*Thickness / 3.0mm

Occlusal L



Occlusal M













Z-1 eco Fine Liquid



No.13538



High detergency

*Alkaline ph works exelently well against protein and fat content.

This liquid is efficient for any metal materials due to the special blended component.

Stable detergency

*Z1 doesn't matter the temparature of dilution water.(enzyme is not included)

Protect surface

* Colloidal particle wraps removed dirt and prevent reattachment.

Rust prevention

* Z1 has excellent rust prevention power thanks to its sequestering agent.

Good cost performance and compact bottle

*200 fold dilution.

Purified water is recommended in dillution.

*Easy to meaure by one hand.

Less damage on environment

*Z1 is refined from rosin oil , plant based detergent,.

*Biodegradation rate is as high as 97.5% ,Z1 can be drained after cleaning

[Form and Component]

■Form: 500ml concentrate(will be 100L by 200 fold dilution)

■Component : Alkaline surfactant as plant based detergent with rust prevention material

 $\hbox{^*}Anionic surfactant,} Nonionic surfectant$

*norganic builder(silicate, carbonate)

*Organic builder(carboxylic acid etc..)

*Please follow and confirm the relevant laws or regulations of your country for import.

Instrument Oil



*Please put a liitle of this oil before autoclave for rust prevention.

*This oil works excellent for the joint part of pliers and forceps as well.

*This oil also can be used for sharpening scaler and curette.

*Please follow and confirm the relevant laws or regulations of your country for import.

No.13093



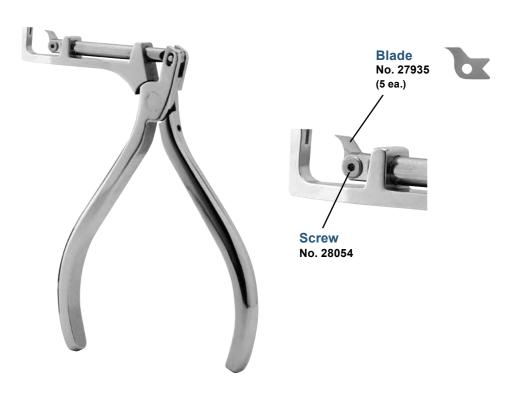
Orthodontic Pliers EVER

-Classic 412 / Fine 443 / Fine 460-

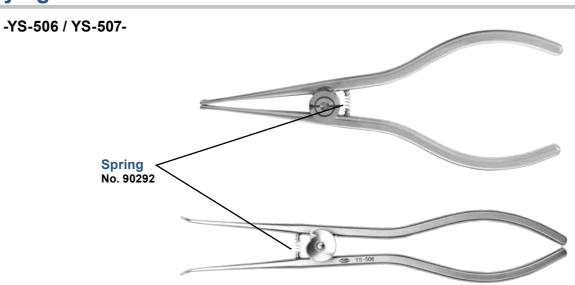


Convertible Cap Removing Pliers

-ND-934-



Tying Pliers

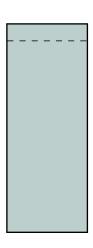


Band Seater

-YS-703-



Photographic Mirror



Sterilization Pouch L

No. 13270

suitable for

No.	Description
13261	ST Occlusal
13264	ST Occlusal Wide L
13266	ST Occlusal Wide LL
13274	SE Occlusal LL
13571	Occlusal
13576	Occlusal Wide L
13578	Occlusal Wide LL

Size / H250 x W85mm

Sterilization Pouch

No. 13269

suitable for

No.	Description
13262	ST Lingual
13263	ST Buccal
13265	ST Occlusal Wide S
13271	SE Buccal & Lingual
13272	SE Occlusal L
13273	SE Occlusal M
13572	Lingual
13573	Buccal
13577	Occlusal Wide S

Size / H205 x W80mm