TOMY ORTHODONTIC PRODUCTS

TOMY INTERNATIONAL INC.

TOMY

2026 *Best Selections*


TOMY
INTERNATIONAL INC.

TOMY ORTHODONTIC PRODUCTS 2026

Section 1 2026 NEW ITEMS

Section 2 SELF-LIGATING BRACKET SYSTEM

Section 3 CERAMIC TWIN BRACKETS

Section 4 METAL TWIN BRACKETS

Section 5 BUCCAL TUBES

Section 6 BANDS

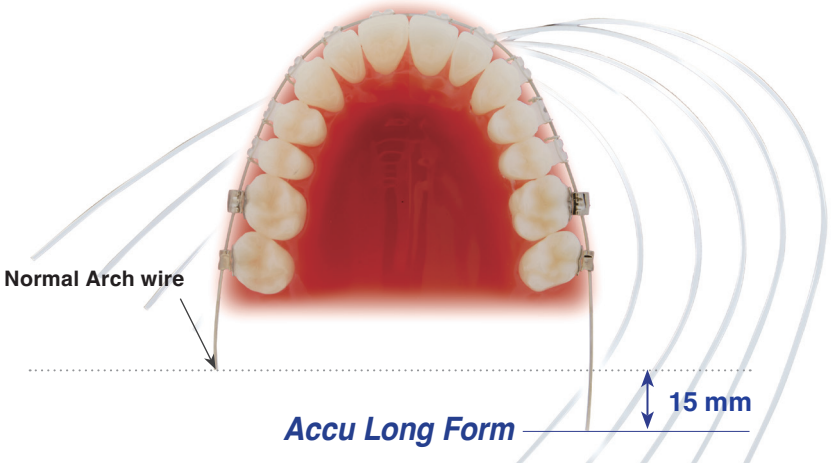
Section 7 WIRES & WIRE PRODUCTS

Section 8 ELASTOMERIC PRODUCTS

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NEW WHITE WIRES

STAINLESS STEEL WHITE WIRE *ACCU LONG FORM*





The length of the Accu Long Form is 15mm longer on each side to allow Omega Loops for Tiebacks.

ROUND



WIRE DIA Inches (mm)		Accu Long Form Upper	Lower
.016	(0.41)	**5510-02C**	**5510-52C**
.018	(0.46)	**5510-03C**	**5510-53C**

10 ea /PK

SQUARE／RECT.



WIRE DIA Inches (mm)		Accu Long Form Upper	Lower
.016 × .016	(0.41 × 0.41)	**5530-01C**	**5530-51C**
.016 × .022	(0.41 × 0.56)	**5530-02C**	**5530-52C**
.017 × .025	(0.43 × 0.64)	**5530-03C**	**5530-53C**
.018 × .025	(0.46 × 0.64)	**5530-05C**	**5530-55C**
.019 × .025	(0.48 × 0.64)	**5530-06C**	**5530-56C**
★ .019 × .022	(0.48 × 0.56)	**5530-09C**	**5530-59C**

KEY POINT Designed for use with the .022" Clippy series. The wire can be kept in an interactive sliding state.

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NEO SENTALLOY WHITE WIRE



WIRE DIA Inches (mm)		Upper	Lower
.016 × .016	(0.41 × 0.41)	**523-11C**	**523-61C**
.016 × .022	(0.41 × 0.56)	**523-12C**	**523-62C**
.017 × .025	(0.43 × 0.64)	**523-13C**	**523-63C**
.018 × .018	(0.46 × 0.46)	**523-14C**	**523-64C**
.018 × .025	(0.46 × 0.64)	**523-15C**	**523-65C**
.019 × .025	(0.48 × 0.64)	**523-16C**	**523-66C**
.020 × .020	(0.51 × 0.51)	**523-17C**	**523-67C**

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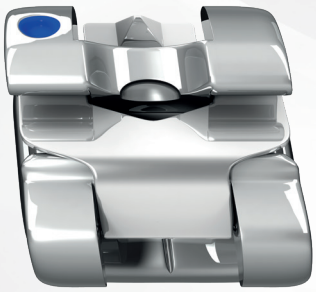
RHODIUM-COATED

Self Ligation Metal Brackets

mini CLIPPY RC

The mini Clippy RC has been born, adding aesthetic refinement to the mini Clippy, which has earned trust and a proven track record worldwide. Its rhodium finish creates an enhanced aesthetic that in combination with WHITE WIRE Sentalloy provides a perfect treatment.





NON Rhodium



Rhodium-coated



mini CLIPPY RC Formula-R *Roth Type*

Maxillary Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Upper Centrals 1|1	12°	5°	0°	3.0	L	9522-101L	9522-102L
					R	9522-101R	9522-102R
Upper Laterals 2|2	8°	9°	0°	2.8	L	9522-201L	9522-202L
					R	9522-201R	9522-202R
Upper Cuspids 3|3	-2°	13°	4°M	3.0	L	w/Hook 9522-301L	9522-302L
					R	9522-301R	9522-302R
	-2°	10°	4°M	3.0	L	w/Hook 9522-305L	9522-306L
					R	9522-305R	9522-306R
Upper Bicuspids 5 4|4 5	-7°	0°	2°D	3.0	L	w/Hook 9522-401L	9522-402L
					R	9522-401R	9522-402R
					L	9522-403L	9522-404L
					R	9522-403R	9522-404R

Mandibular Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Lower Anteriors 2 1|1 2	-1°	2°	0°	2.6	L	9522-111L	9522-112L
					R	9522-111R	9522-112R
Lower Cuspids 3|3	-11°	7°	2°M	3.0	L	w/Hook 9522-311L	9522-312L
					R	9522-311R	9522-312R
					L	9522-313L	9522-314L
					R	9522-313R	9522-314R
Lower 1st Bicuspids 4|4	-17°	-1°	4°D	3.0	L	w/Hook 9522-411L	9522-412L
					R	9522-411R	9522-412R
					L	9522-413L	9522-414L
					R	9522-413R	9522-414R
Lower 2nd Bicuspids 5|5	-22°	-1°	4°D	3.0	L	w/Hook 9522-511L	9522-512L
					R	9522-511R	9522-512R
					L	9522-513L	9522-514L
					R	9522-513R	9522-514R

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mini CLIPPY RC Formula-M McLaughlin Type

Maxillary Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Upper Centrals							
1|1	17°	4°	0°	3.0	L	9572-101L	9572-102L
					R	9572-101R	9572-102R
Upper Laterals							
2|2	10°	8°	0°	2.8	L	9572-201L	9572-202L
					R	9572-201R	9572-202R
Upper Cuspids						w/Hook	
3|3	-7°	8°	0°	3.0	L	9572-301L	9572-302L
					R	9572-301R	9572-302R
	0°	8°	0°	3.0	L	9572-305L	9572-306L
					R	9572-305R	9572-306R
Upper Bicuspids						w/Hook	
5 4|4 5	-7°	0°	0°	3.0	L	9572-401L	9572-402L
					R	9572-401R	9572-402R
					L&R	9572-4030	9572-4040

Mandibular Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Lower Anteriors							
2 1|1 2	-6°	0°	0°	2.6	L&R	9572-1110	9572-1120
	0°	0°	0°	2.6	L&R	9572-1130	9572-1140
Lower Cuspids						w/Hook	
3|3	-6°	3°	0°	3.0	L	9572-311L	9572-312L
					R	9572-311R	9572-312R
	0°	3°	0°	3.0	L	9572-315L	9572-316L
					R	9572-315R	9572-316R
Lower 1st Bicuspids						w/Hook	
4|4	-12°	2°	0°	3.0	L	9572-411L	9572-412L
					R	9572-411R	9572-412R
					L	9572-413L	9572-414L
					R	9572-413R	9572-414R
Lower 2nd Bicuspids						w/Hook	
5|5	-17°	2°	0°	3.0	L	9572-511L	9572-512L
					R	9572-511R	9572-512R
					L	9572-513L	9572-514L
					R	9572-513R	9572-514R

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mini CLIPPY OPTIONS

Maxillary Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Upper Centrals							
1|1	24°	5°	0°	3.0	L		958-102L
					R		958-102R
Upper Laterals						w/Hook	
2|2	8°	9°	0°	2.8	L		952-208L
					R		952-208R
	10°	8°	0°	2.8	L		957-208L
					R		957-208R
	16°	8°	0°	2.8	L		958-202L
					R		958-202R
Upper Cuspids						w/Hook	
3|3	-7°	10°	2°M	3.0	L		955-302L
					R		955-302R
Upper Bicuspids							
5 4|4 5	-9°	0°	0°	3.0	L&R		955-4040
Upper 1st Molars							
6|6 Mini Tube	-14°	0°	10°D	3.8	L	9570-607L	9570-608L
					R	9570-607R	9570-608R
Double Tube	-20°	0°	20°D	4.0	L		9579-606L
					R		9579-606R

Mandibular Arch

	Torque, Degrees	Angu., Degrees	Offset, Degrees	Width, mm	Left/ Right	.018" Slot	.022" Slot
Lower Anteriors						w/Hook	
2|2	-1°	2°	0°	2.6	L		952-118L
					R		952-118R
Lower Cuspids						w/Hook	
3|3	-8°	3°	0°	3.0	L		955-312L
					R		955-312R
Lower 1st Bicuspids							
5 4|4 5	-7°	-1°	2°D	3.0	L	958-413L	
					R	958-413R	
Lower 2nd Bicuspids							
5|5	-17°	-1°	0°	3.0	L		955-514L
					R		955-514R
Lower 1st Molars							
6|6 Mini Tube	-25°	0°	4°D	4.0	L	9570-611L	9570-612L
					R	9570-611R	9570-612R
Double Tube	-25°	0°	4°D	3.8	L		9579-616L
					R		9579-616R
LARGE Base Single Tube	-10°	0°	4°D	4.0	L		952-612LE
					R		952-612RE

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For exceptional ease of use and enhanced beauty
TOMY Self-Ligating bracket,"CLIPPY"



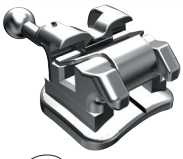

CLIPPY-C

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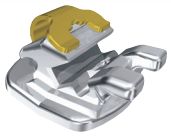

MICRO MINI CLIPPY RC

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mini CLIPPY

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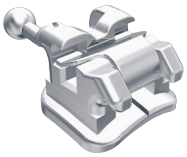
CLIPPY-L

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CLIPPY-C 2G

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mini CLIPPY RC

▶ page : 22



CLIPPY-L 2G

▶ page : 31

Realization of orthodontic treatment with enhanced beauty

CLIPPY comes in two types that realize orthodontic treatment with enhanced beauty:a small metal bracket with an impression of simplicity and a ceramic bracket with appealing translucency.

Flexible control of tooth movement

CLIPPY's distinguishing quality is that appropriate wire and bracket engagement levels can be chosen according to treatment stages. A flexible control of tooth movement results in enhanced effect in shorter time and reduced patient burden.

Easy and smooth wire exchange

Use of interactive clip that can be easily opened/closed makes wire exchange easy and smooth. The other advantages include easy oral hygiene care and reduced medical waste, thanks to ligation without the need of a ligature wire or module.

Enriched mechanism

CLIPPY uses mechanism that fully utilizes TOMY's technology, such as a mechanical lock base* that does not require a particular adhesive, and a rhodium-coated clip* that can be opened and closed from the front as well as the gingival side.

*Used in CLIPPY-C

Characteristics of CLIPPY

As a standard for evaluating the treatment result of the straight wire technique, Dr.Andrews' Six Keys to Optimal Occlusion have been proposed. To achieve the six keys, it is considered necessary to impose some degree of force in adjustment such as spacing, angulation, inclination, and rotation control. This has been made possible by CLIPPY, a self-ligating bracket series.
By exchanging wires, orthodontic force and control can be selected according to needs, from the initial to final stage of treatment, which achieves results similar to those of conventional treatment by ligation.

Enabling treatment according to three stages

CLIPPY is classified into three stages: passive, interactive, and active, regarding wire and bracket engagement levels. Appropriate treatment can be conducted by choosing stage according to respective levels, from the initial stage to the final stage of treatment.

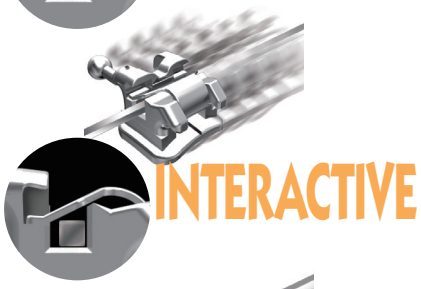
Passive stage

The round wire freely slides, exerting a full wire performance. Tooth leveling and alignment can be achieved with lighter orthodontic force.



Interactive stage

Because the square wire sits in the slot without touching the clip, a certain level of torque and rotation control is made possible.
Teeth can be moved smoothly. It is the optimal stage for retraction of anterior teeth.



Active stage

Complete engagement of the rectangular wire with a clip enables sufficient active control.
The bracket's prescription is fully expressed.



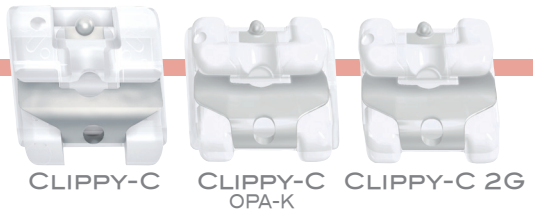
Archwire Sizes

	PASSIVE	INTERACTIVE	ACTIVE
.018" Slot	.014 .016 .016 x 016	.018 x .018	.016 x .022 .017 x .025 .018 x .025
.022" Slot	.016 .018 .018 x .018	.019 x .022 .020 x .020	.018 x .025 .019 x .025 .021 x .028

CLIPPY

Site identification is easy
ID marking and base-surface laser marking have made site identification easier than ever

CLIPPY-C









The featured rhodium-coated clip enhances aesthetics and with has excellent durability. This coating does not wear out by due to brushing or get discolored with food pigments due to food throughout the entire treatment period.
Furthermore, its original clip shape enables opening and closing from the front of the bracket, making wire exchange simple and easy.

Mechanical Lock Base
The rivet lock base can be used with any bonding adhesive.

The bracket surface is smooth and precise, thanks to the CIM (ceramic injection molding) production method. By using HIP (hot isostatic pressed)alumina, strength of the bracket has been enhanced.

In addition, its aesthetic quality has been further improved through the use of WHITE WIRES.

MICRO MINI CLIPPY RC



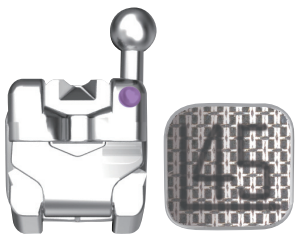
Rhodium coated finish
The Clippy Micro Mini features a new aesthetic metal brackets covered in rhodium coating.

Low profile and compact design

Bicuspid full passive specifications



mini CLIPPY & mini CLIPPY RC





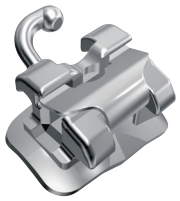
Site identification is easy
ID color marking and base-surface laser marking made site identification easier than ever.

mini CLIPPY has various merits due to its original structure and ease-of-use.

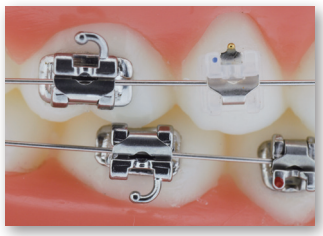
- Widened inter-bracket span enables easy wire insertion even for severely misaligned teeth.
- Aesthetic needs are met.
- Discomfort during wearing is reduced.

The interactive clip of cobalt chrome alloy covers the entire slot that seats the arch wire.
Furthermore, this original clip shape enables opening and closing from the front of the bracket, making wire exchange simple and easy.

CLIPPY TUBES



Clippy-Tubes feature a clip function that is based on the clip function used in the Clippy series, but developed for the first molars.
As with other products in the Clippy series, wire replacement is simple and easy.



How to open/close the clip

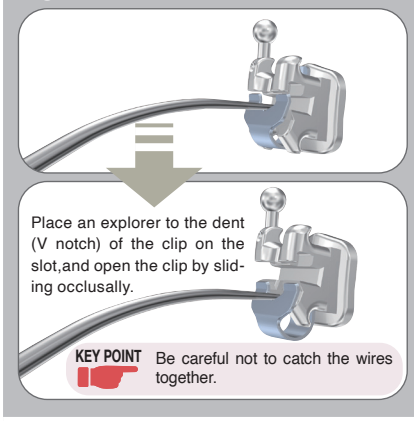
OPEN *for mini CLIPPY & CLIPPY-C*



Apply the opener tip of the specially designed opening tool to the ball stopper on the gingival side, and open by pressing it toward the occlusal side.

For easy clip opening without clip deformation.

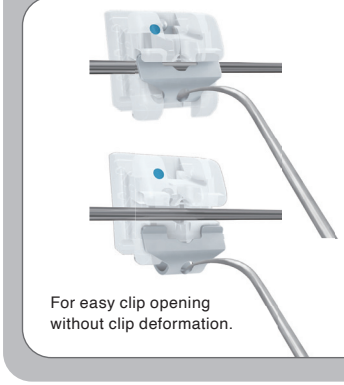
OPEN *for all CLIPPY series*



Place an explorer to the dent (V notch) of the clip on the slot,and open the clip by sliding occlusally.

KEY POINT Be careful not to catch the wires together.

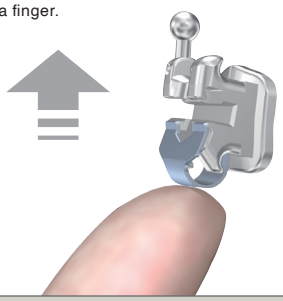
OPEN *for CLIPPY-C*



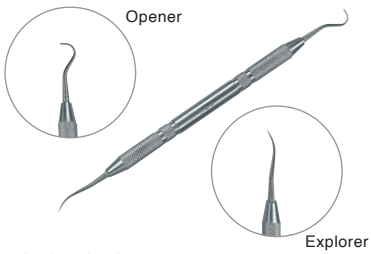
For easy clip opening without clip deformation.

CLOSE *for all CLIPPY series*

Close by sliding the clip with a finger.

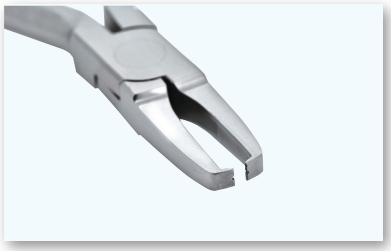


Opening tool



813-1050
Opening tool

Instrument for debonding



802-1008
Wonder Remover



1. Remove the wire and close the clip.
2. Gently pinch the bracket as shown in the figure above.
3. With the bracket pinched, gently lower the pliers in the direction rotating from the crown to the labial side along the teeth axis (arrow direction) to remove the Clippy C. You can reduce patient pain by pressing your finger against the incisal margin to stop tooth mobility.

※ Do not grasp the bracket with excessive force.
※ Do not twist or pull the pliers other than the direction indicated above.
※ In the event if the bracket tie-wing chipped, remove the remnant bracket on the tooth by pinching the opposite angles of the bracket's base and scrapping it off.
Use a vacuum suction when doing so to thoroughly remove any fragments.
In the unlikely event if it cannot be removed by using the above procedures, use a diamond bur or similar tool to shave it off.

CLIPPY-C 2G

Formula-R (Roth Type) Maxillary Arch

CLIPPY-C 2G Formula-R

CLIPPY-C 2ND GENERATION

The world's smallest Active Self Ligating Ceramic Bracket



Translucent alumina body

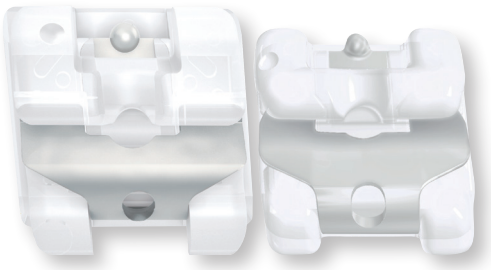
Nearly invisible from a few meters away

Rhodium coated

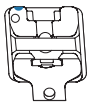
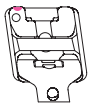
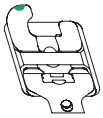
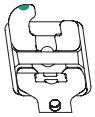
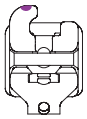
Rh-coated clip enhances aesthetics

Downsized body

Not only the bracket body but also miniaturized base width



CLIPPY-C *CLIPPY-C 2G*

Maxillary Arch		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		12°	5°	0°	3.2	L	**1671-101L**	**1671-102L**
						R	**1671-101R**	**1671-102R**
Upper Laterals 2 | 2		8°	9°	0°	3.0	L	**1671-201L**	**1671-202L**
						R	**1671-201R**	**1671-202R**
Upper Cuspids 3 | 3		-2°	13°	4°M	3.2	L	w/Hook **1671-301L**	**1671-302L**
						R	**1671-301R**	**1671-302R**
		-2°	9°	4°M	3.2	L	w/Hook **1671-305L**	**1671-306L**
						R	**1671-305R**	**1671-306R**
Upper Bicuspids 5 4 | 4 5		-7°	0°	2°D	3.2	L	w/Hook **1671-401L**	**1671-402L**
						R	**1671-401R**	**1671-402R**

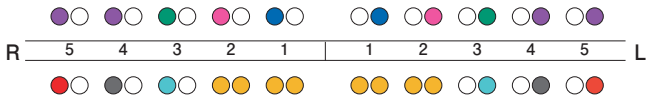
10 ea /PK

SELF-LIGATING BRACKET SYSTEM

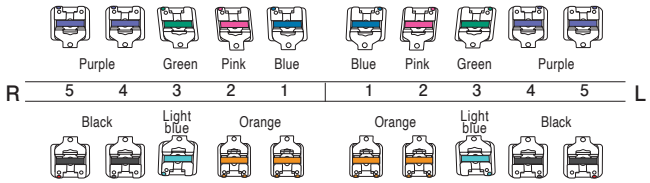
CLIPPY-C 2G

Formula-R (Roth Type) Mandibular Arch

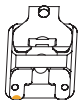
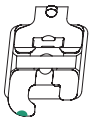
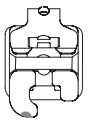
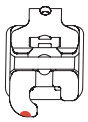
COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

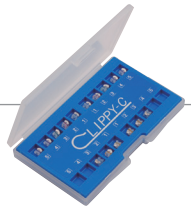


Note : After bonding a bracket, remove a site gauge from the bracket with a scaler, explorer, or similar tool.

Mandibular Arch		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-1°	2°	0°	2.8	L	**1671-111L**	**1671-112L**
						R	**1671-111R**	**1671-112R**
Lower Cuspids 3 | 3		-11°	7°	2°M	3.2	L	w/Hook **1671-311L**	**1671-312L**
						R	**1671-311R**	**1671-312R**
Lower 1st Bicuspids 4 | 4		-17°	-1°	4°D	3.2	L	w/Hook **1671-411L**	**1671-412L**
						R	**1671-411R**	**1671-412R**
Lower 2nd Bicuspids 5 | 5		-22°	-1°	4°D	3.2	L	w/Hook **1671-511L**	**1671-512L**
						R	**1671-511R**	**1671-512R**

10 ea /PK

One Patient Kit

3 ~ 3 3 ~ 3		Up cuspid w/Hi Angulation (301L/R, 302L/R)	w/Hook **1671-01H** **1671-02H** 12 ea /KIT
5 ~ 5 5 ~ 5		Up cuspid w/Hi Angulation (301L/R, 302L/R) *Note: 1671-001HA, 002HA have hooks on all the brackets for cuspid and bicuspid.	w/Hook **1671-001HA** **1671-002HA** 20 ea /KIT

CLIPPY-C 2G

Formula-M (McLaughlin Type*) Maxillary Arch

CLIPPY-C 2G Formula-M

CLIPPY-C 2ND GENERATION

The world's smallest Active Self Ligating Ceramic Bracket



Translucent alumina body

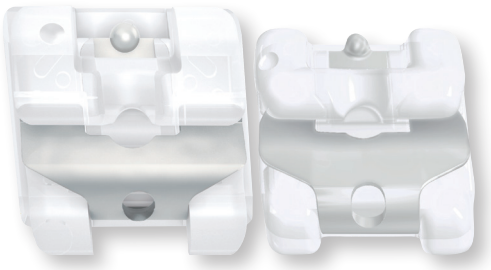
Nearly invisible from a few meters away

Rhodium coated

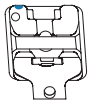
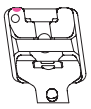
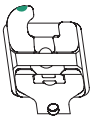
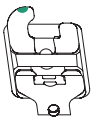
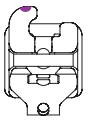
Rh-coated clip enhances aesthetics

Downsized body

Not only the bracket body but also miniaturized base width



CLIPPY-C *CLIPPY-C 2G*

Maxillary Arch		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	3.2	L R	**1675-101L** **1675-101R**	**1675-102L** **1675-102R**
Upper Laterals 2 | 2		10°	8°	0°	3.0	L R	**1675-201L** **1675-201R**	**1675-202L** **1675-202R**
Upper Cuspids 3 | 3		-7°	8°	0°	3.2	L R	w/Hook **1675-301L** **1675-301R**	**1675-302L** **1675-302R**
		0°	8°	0°	3.2	L R	w/Hook **1675-305L** **1675-305R**	**1675-306L** **1675-306R**
Upper Bicuspids 5 4 | 4 5		-7°	0°	0°	3.2	L R	w/Hook **1675-401L** **1675-401R**	**1675-402L** **1675-402R**

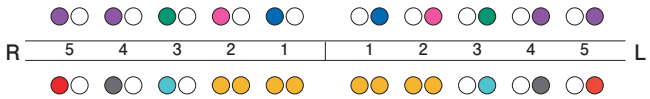
10 ea /PK

SELF-LIGATING BRACKET SYSTEM

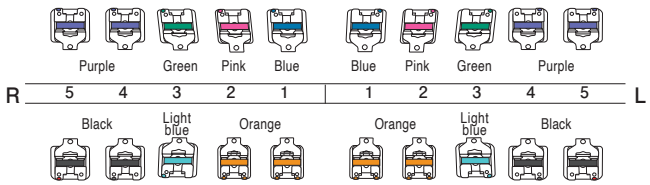
CLIPPY-C 2G

Formula-M (McLaughlin Type*) Mandibular Arch

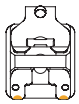
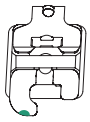
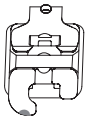
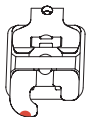
COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

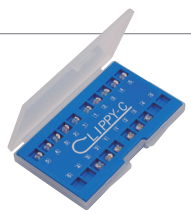


Note : After bonding a bracket, remove a site gauge from the bracket with a scaler, explorer, or similar tool.

Mandibular Arch		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.8	L&R	1675-1110	1675-1120
		0°	0°	0°	2.8	L&R	1675-1130	1675-1140
Lower Cuspids 3 | 3		-6°	3°	0°	3.2	L	w/Hook 1675-311L	1675-312L
						R	1675-311R	1675-312R
		0°	3°	0°	3.2	L	w/Hook 1675-315L	1675-316L
						R	1675-315R	1675-316R
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	3.2	L	w/Hook 1675-411L	1675-412L
						R	1675-411R	1675-412R
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	3.2	L	w/Hook 1675-511L	1675-512L
						R	1675-511R	1675-512R

10 ea /PK

One Patient Kit

3 ~ 3 3 ~ 3	Lower Anterior w/Torque(1675-1110, 1120) Up & Lo.cuspid w/o Torque(305L/R,315L/R, 306L/R,316L/R)	w/Hook 1675-13H	1675-14H
		12 ea /KIT	
5 ~ 5 3 ~ 3	 Lower Anterior w/Torque(1675-1110, 1120) Up & Lo.cuspid w/Torque(301L/R,311L/R, 302L/R,312L/R)	w/Hook 1675-05H	1675-06H
		16 ea /KIT	
	Lower Anterior w/Torque(1675-1110, 1120) Up & Lo.cuspid w/o Torque(305L/R,315L/R, 306L/R,316L/R)	w/Hook 1675-17H	1675-18H
		16 ea /KIT	
5 ~ 5 5 ~ 5	Lower Anterior w/Torque(1675-1110, 1120) Up & Lo.cuspid w/o Torque(305L/R,315L/R, 306L/R,316L/R)	w/Hook 1675-005HA	1675-006HA
	*Note: 1675-005HA, 006HA have hooks on all the brackets for cuspid and bicuspid.	20 ea /KIT	

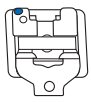
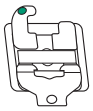
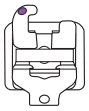
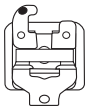
CLIPPY-C

Formula-K (OPA-K Type) Maxillary Arch



The Clippy C, a high-purity translucent ceramic aesthetic self-ligating bracket is available in the OPA-K specification. This system and concept are more compact than the conventional brackets.
Available to order: $\frac{5}{5}\frac{5}{5}$ Kit



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		12°	3°	0°	3.2	L	**1686-101L**	**1686-102L**
						R	**1686-101R**	**1686-102R**
Upper Laterals 2 | 2		8°	6°	0°	3.0	L	**1686-201L**	**1686-202L**
						R	**1686-201R**	**1686-202R**
Upper Cuspids 3 | 3		-3°	7°	0°	3.2	L	w/Hook **1686-301L**	**1686-302L**
						R	**1686-301R**	**1686-302R**
						L	**1686-303L**	**1686-304L**
						R	**1686-303R**	**1686-304R**
Upper 1st Bicuspids 4 | 4		-7°	0°	0°	3.2	L	w/Hook **1686-401L**	**1686-402L**
						R	**1686-401R**	**1686-402R**
						L&R	**1686-4030**	**1686-4040**
Upper 2nd Bicuspids 5 | 5		-7°	0°	0°	3.2	L	w/Hook **1686-501L**	**1686-502L**
						R	**1686-501R**	**1686-502R**
						L&R	**1686-5030**	**1686-5040**
								10 ea /PK

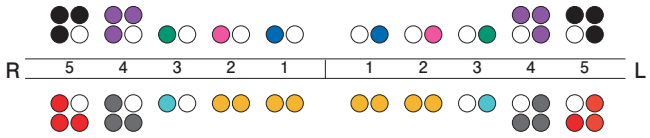
SELF-LIGATING BRACKET SYSTEM

CLIPPY-C

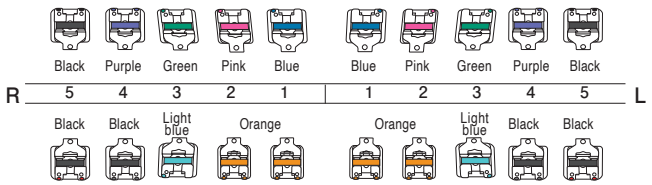
Formula-K (OPA-K Type) Mandibular Arch

*Note: Does not imply endorsement by doctor.

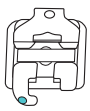
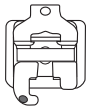
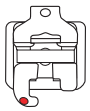
COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

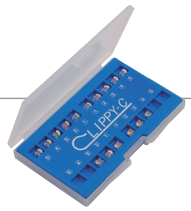


Note : After bonding a bracket, remove a site gauge from the bracket with a scaler, explorer, or similar tool.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		1°	0°	0°	2.8	L&R	**1686-1110**	**1686-1120**
Lower Cuspids 3 | 3		-6°	3°	0°	3.2	L	w/Hook **1686-311L**	**1686-312L**
						R	**1686-311R**	**1686-312R**
						L	**1686-313L**	**1686-314L**
						R	**1686-313R**	**1686-314R**
Lower 1st Bicuspids 4 | 4		-12°	0°	0°	3.2	L	w/Hook **1686-411L**	**1686-412L**
						R	**1686-411R**	**1686-412R**
						L&R	**1686-4130**	**1686-4140**
Lower 2nd Bicuspids 5 | 5		-17°	0°	0°	3.2	L	w/Hook **1686-511L**	**1686-512L**
						R	**1686-511R**	**1686-512R**
						L&R	**1686-5130**	**1686-5140**
							10 ea /PK	

One Patient Kit

3 ~ 3
3 ~ 3



1686-01 **1686-02**
w/Hook
1686-01H **1686-02H**

12 ea /KIT

5 ~ 5
5 ~ 5

1686-001 **1686-002**
w/Hook
1686-001HA **1686-002HA**

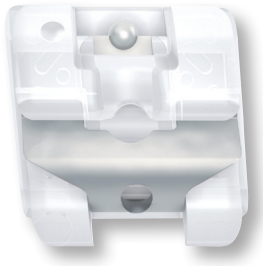
20 ea /KIT

*Note: 1686-001HA & 1686-002HA have hooks on all the brackets for cuspid and bicuspid.

SELF-LIGATING BRACKET SYSTEM

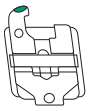
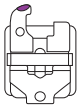
CLIPPY-C

Formula-R (Roth Type) Maxillary Arch



CLIPPY-C, which has a ceramic body and rhodium-coated clip, is a ceramic self-ligating bracket with emphasis on aesthetics. It brings out the natural smile.



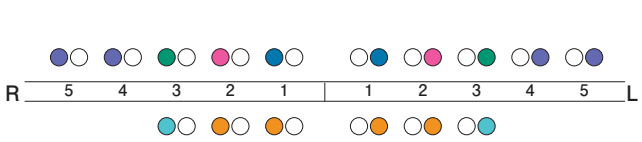
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.4	L	**168-101L**	**168-102L**
						R	**168-101R**	**168-102R**
Upper Laterals								
2 | 2		8°	9°	0°	3.2	L	**168-201L**	**168-202L**
						R	**168-201R**	**168-202R**
Upper Cuspids							w/Hook	
3 | 3		-2°	13°	4°M	3.4	L	**168-321L**	**168-322L**
						R	**168-321R**	**168-322R**
						L	**168-303L**	**168-304L**
						R	**168-303R**	**168-304R**
		-2°	8°	4°M	3.4	L	**168-325L**	**168-326L**
						R	**168-325R**	**168-326R**
Upper 1st & 2nd Bicuspids							w/Hook	
5 4 | 4 5		-7°	0°	2°D	3.4	L	**168-421L**	**168-422L**
						R	**168-421R**	**168-422R**
						L	**168-403L**	**168-404L**
						R	**168-403R**	**168-404R**
							10 ea /PK	
Upper 1st Molars								
6 | 6		-10°	0°	14°D	4.0	L	**952-607L**	**952-608L**
						R	**952-607R**	**952-608R**
							10 ea /PK	

SELF-LIGATING BRACKET SYSTEM

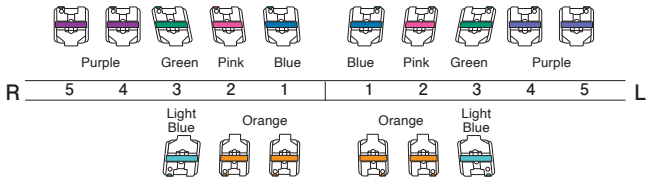
CLIPPY-C

Formula-R (Roth Type) Mandibular Arch

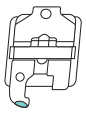
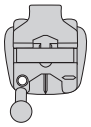
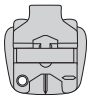
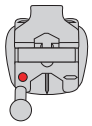
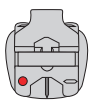
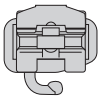
COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

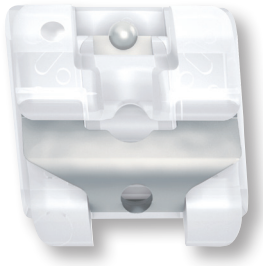


Note : After bonding a bracket, remove a site gauge from the bracket with a scaler, explorer, or similar tool.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-1°	2°	0°	3.0	L	**168-111L**	**168-112L**
						R	**168-111R**	**168-112R**
Lower Cuspids 3 | 3		-11°	7°	2°M	3.4	L	**168-331L**	**168-332L**
						R	**168-331R**	**168-332R**
						L	**168-313L**	**168-314L**
						R	**168-313R**	**168-314R**
								10 ea /PK
One Patient Kit 3 ~ 3 | 3 ~ 3							**168-01**	**168-02**
						w/Hook	**168-01SH**	**168-02SH**
								12 ea /KIT
5 ~ 5 | 3 ~ 3							**168-05**	**168-06**
						w/Hook*	**168-05SH**	**168-06SH**
								16 ea /KIT
Lower 1st Bicuspids 4 | 4		-17°	-1°	4°D	3.0	L	**952-411L**	**952-412L**
						R	**952-411R**	**952-412R**
						L	**952-413L**	**952-414L**
						R	**952-413R**	**952-414R**
Lower 2nd Bicuspids 5 | 5		-22°	-1°	4°D	3.0	L	**952-511L**	**952-512L**
						R	**952-511R**	**952-512R**
						L	**952-513L**	**952-514L**
						R	**952-513R**	**952-514R**
Lower 1st Molars 6 | 6		-25°	0°	4°D	4.0	L	**952-611L**	**952-612L**
						R	**952-611R**	**952-612R**
								10 ea /PK

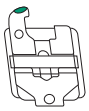
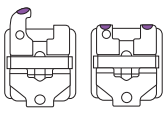
CLIPPY-C

Formula-M (McLaughlin Type*) Maxillary Arch



CLIPPY-C, which has a ceramic body and rhodium-coated clip, is a ceramic self-ligating bracket with emphasis on aesthetics. It brings out the natural smile.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	3.4	L	**1685-101L**	**1685-102L**
						R	**1685-101R**	**1685-102R**
Upper Laterals 2 | 2		10°	8°	0°	3.2	L	**1685-201L**	**1685-202L**
						R	**1685-201R**	**1685-202R**
Upper Cuspids 3 | 3		-7°	8°	0°	3.4	L	w/Hook **1685-321L**	**1685-322L**
						R	**1685-321R**	**1685-322R**
		0°	8°	2°M	3.4	L	w/Hook **1685-325L**	**1685-326L**
						R	**1685-325R**	**1685-326R**
						L	**1685-307L**	**1685-308L**
						R	**1685-307R**	**1685-308R**
Upper 1st & 2nd Bicuspids 5 4 | 4 5		-7°	0°	0°	3.4	L&R	w/Hook **1685-401L**	**1685-402L**
						L&R	**1685-401R**	**1685-402R**
						L&R	**1685-4030**	**1685-4040**
								10 ea /PK
Upper 1st Molars 6 | 6		-14°	0°	10°D	4.0	L	**957-607L**	**957-608L**
						R	**957-607R**	**957-608R**
	 Mini Type	-14°	0°	10°D	3.8	L	**9570-607L**	**9570-608L**
						R	**9570-607R**	**9570-608R**
								10 ea /PK

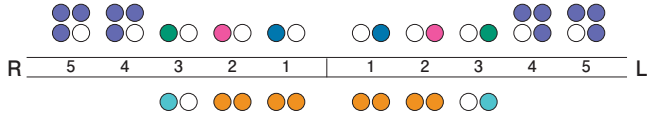
SELF-LIGATING BRACKET SYSTEM

CLIPPY-C

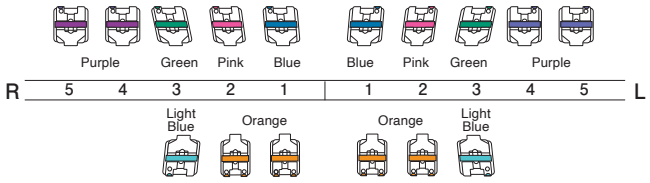
Formula-M (McLaughlin Type*) Mandibular Arch

*Note: Does not imply endorsement by doctor.

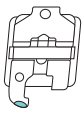
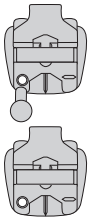
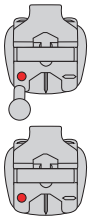
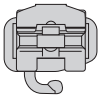
COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.



Note : After bonding a bracket, remove a site gauge from the bracket with a scaler, explorer, or similar tool.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	3.0	L&R	**1685-1110**	**1685-1120**
		0°	0°	0°	3.0	L&R	**1685-1130**	**1685-1140**
Lower Cuspids 3 | 3		-6°	3°	0°	3.4	L	w/Hook **1685-331L**	**1685-332L**
						R	**1685-331R**	**1685-332R**
		0°	3°	0°	3.4	L	w/Hook **1685-335L**	**1685-336L**
						R	**1685-335R**	**1685-336R**
								10 ea /PK
One Patient Kit 3 ~ 3 / 3 ~ 3						w/Hook	**1685-01SH**	**1685-02SH**
							1685-03SH	**1685-04SH**
								12 ea /KIT
5 ~ 5 / 3 ~ 3						w/Hook**	**1685-05SH**	**1685-06SH**
								16 ea /KIT
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	3.0	L	w/Post **957-411L**	**957-412L**
						R	**957-411R**	**957-412R**
						L	**957-413L**	**957-414L**
						R	**957-413R**	**957-414R**
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	3.0	L	w/Post **957-511L**	**957-512L**
						R	**957-511R**	**957-512R**
						L	**957-513L**	**957-514L**
						R	**957-513R**	**957-514R**
Lower 1st Molars 6 | 6		-20°	0°	0°	4.0	L	**957-611L**	**957-612L**
						R	**957-611R**	**957-612R**
	 Mini Type	-20°	0°	0°	3.8	L	**9570-611L**	**9570-612L**
						R	**9570-611R**	**9570-612R**
								10 ea /PK

**Note: 1685-05SH and 1685-06SH have hook on all the brackets for cuspid and bicuspid.

Formula-R (Roth Type) Maxillary Arch

CLIPPY MICRO MINI RC



Rhodium coated finish

The Clippy Micro Mini features a new aesthetic metal brackets covered in rhodium coating.

Low profile and compact design

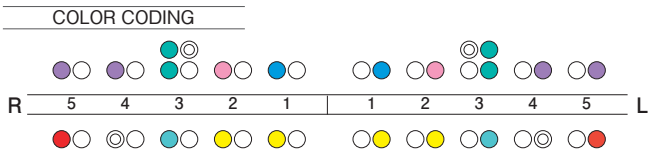
Bicuspid full passive specifications



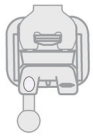
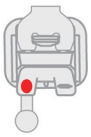
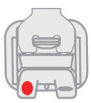
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		12°	5°	0°	2.8	L	**9521-101L**	**9521-102L**
						R	**9521-101R**	**9521-102R**
Upper Laterals 2 | 2		8°	9°	0°	2.6	L	**9521-201L**	**9521-202L**
						R	**9521-201R**	**9521-202R**
Upper Cuspids 3 | 3		-2°	13°	4°M	2.6	L	w/Post **9521-301L**	**9521-302L**
						R	**9521-301R**	**9521-302R**
						L	**9521-303L**	**9521-304L**
						R	**9521-303R**	**9521-304R**
		-2°	9°	4°M	2.6	L	w/Post **9521-305L**	**9521-306L**
						R	**9521-305R**	**9521-306R**
						L	**9521-307L**	**9521-308L**
						R	**9521-307R**	**9521-308R**
Upper 1st, 2nd Bicuspid "Passive" 5 4 | 4 5		-7°	0°	2°D	2.6	L	w/Post **9521-P401L**	**9521-P402L**
						R	**9521-P401R**	**9521-P402R**
						L	**9521-P403L**	**9521-P404L**
						R	**9521-P403R**	**9521-P404R**

10 ea /PK

Formula-R (Roth Type) Mandibular Arch



Note1 : Brackets with right and left distinction, only distogingval tie-wing is color coded.
Note2 : Double circle means white marking.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-1°	2°	0°	2.6	L	**9521-111L**	**9521-112L**
						R	**9521-111R**	**9521-112R**
Lower Cuspids							w/Post	
3 | 3		-11°	7°	2˚M	2.6	L	**9521-311L**	**9521-312L**
						R	**9521-311R**	**9521-312R**
						L	**9521-313L**	**9521-314L**
						R	**9521-313R**	**9521-314R**
Lower 1st Bicuspid "Passive"							w/Post	
4 | 4		-17°	-1°	4˚D	2.6	L	**9521-P411L**	**9521-P412L**
						R	**9521-P411R**	**9521-P412R**
						L	**9521-P413L**	**9521-P414L**
						R	**9521-P413R**	**9521-P414R**
Lower 2nd Bicuspid "Passive"							w/Post	
5 | 5		-22°	-1°	4˚D	2.6	L	**9521-P511L**	**9521-P512L**
						R	**9521-P511R**	**9521-P512R**
						L	**9521-P513L**	**9521-P514L**
						R	**9521-P513R**	**9521-P514R**

10 ea /PK

CLIPPY MICRO MINI RC TOMY Self-Ligating Bracket Series

Formula-M (McLaughlin Type*) Maxillary Arch

CLIPPY MICRO MINI RC



Rhodium coated finish

The Clippy Micro Mini features a new aesthetic metal brackets covered in rhodium coating.

Low profile and compact design

Bicuspid full passive specifications



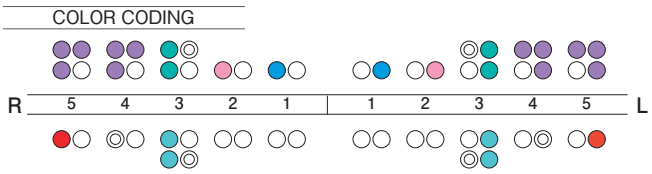
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	2.8	L	**9571-101L**	**9571-102L**
						R	**9571-101R**	**9571-102R**
Upper Laterals 2 | 2		10°	8°	0°	2.6	L	**9571-201L**	**9571-202L**
						R	**9571-201R**	**9571-202R**
Upper Cuspids 3 | 3		-7°	8°	0°	2.6	L	w/Post **9571-301L**	**9571-302L**
						R	**9571-301R**	**9571-302R**
		0°	8°	0°	2.6	L	w/Post **9571-305L**	**9571-306L**
						R	**9571-305R**	**9571-306R**
Upper 1st, 2nd Bicuspid "Passive" 5 4 | 4 5		-7°	0°	0°	2.6	L	w/Post **9571-P401L**	**9571-P402L**
						R	**9571-P401R**	**9571-P402R**
						L&R	**9571-P4030**	**9571-P4040**
								10 ea /PK

SELF-LIGATING BRACKET SYSTEM

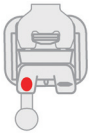
CLIPPY MICRO MINI RC TOMY Self-Ligating Bracket Series

Formula-M (McLaughlin Type*) Mandibular Arch

*Note: Does not imply endorsement by doctor.



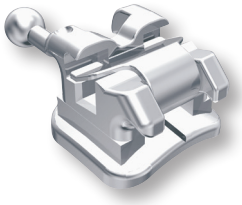
Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Double circle means white marking.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.6	L&R	**9571-1110**	**9571-1120**
Lower Cuspids 3 | 3		-6°	3°	0°	2.6	L	w/Post **9571-311L**	**9571-312L**
						R	**9571-311R**	**9571-312R**
		0°	3°	0°	2.6	L	w/Post **9571-315L**	**9571-316L**
						R	**9571-315R**	**9571-316R**
Lower 1st Bicuspid "Passive" 4 | 4		-12°	2°	0°	2.6	L	w/Post **9571-P411L**	**9571-P412L**
						R	**9571-P411R**	**9571-P412R**
						L	**9571-P413L**	**9571-P414L**
						R	**9571-P413R**	**9571-P414R**
Lower 2nd Bicuspid "Passive" 5 | 5		-17°	2°	0°	2.6	L	w/Post **9571-P511L**	**9571-P512L**
						R	**9571-P511R**	**9571-P512R**
						L	**9571-P513L**	**9571-P514L**
						R	**9571-P513R**	**9571-P514R**

10 ea /PK

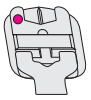
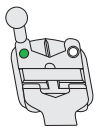
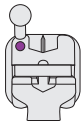
mini CLIPPY RC

Formula-R (Roth Type) Maxillary Arch



The mini Clippy RC has been born, adding aesthetic refinement to the mini Clippy, which has earned trust and a proven track record worldwide. Its rhodium finish creates an enhanced aesthetic that in combination with WHITE WIRE Sentalloy provides a perfect treatment.

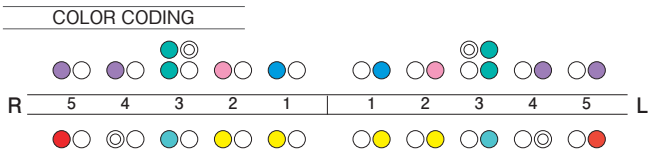


		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.0	L	**9522-101L**	**9522-102L**
						R	**9522-101R**	**9522-102R**
Upper Laterals								
2 | 2		8°	9°	0°	2.8	L	**9522-201L**	**9522-202L**
						R	**9522-201R**	**9522-202R**
Upper Cuspids							w/Post	
3 | 3		-2°	13°	4°M	3.0	L	**9522-301L**	**9522-302L**
						R	**9522-301R**	**9522-302R**
		-2°	10°	4°M	3.0	L	**9522-305L**	**9522-306L**
						R	**9522-305R**	**9522-306R**
Upper 1st , 2nd Bicuspids							w/Post	
5 4 | 4 5		-7°	0°	2°D	3.0	L	**9522-401L**	**9522-402L**
						R	**9522-401R**	**9522-402R**
						L	**9522-403L**	**9522-404L**
						R	**9522-403R**	**9522-404R**
							10 ea /PK	
Upper 1st Molars								
6 | 6		-10°	0°	14°D	4.0	L	**952-607L**	**952-608L**
						R	**952-607R**	**952-608R**
							10 ea /PK	

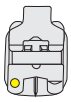
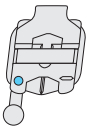
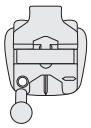
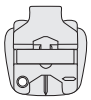
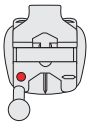
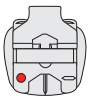
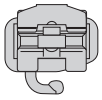
SELF-LIGATING BRACKET SYSTEM

mini CLIPPY RC

Formula-R (Roth Type) Mandibular Arch

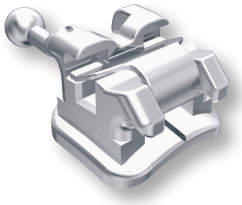


Note1 : Brackets with right and left distinction, only distogingval tie-wing is color coded.
Note2 : Double circle means white marking.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-1°	2°	0°	2.6	L	**9522-111L**	**9522-112L**
						R	**9522-111R**	**9522-112R**
Lower Cuspids 3 | 3		-11°	7°	2°M	3.0	L	w/Post **9522-311L**	**9522-312L**
						R	**9522-311R**	**9522-312R**
Lower 1st Bicuspids 4 | 4		-17°	-1°	4°D	3.0	L	w/Post **9522-411L**	**9522-412L**
						R	**9522-411R**	**9522-412R**
						L	**9522-413L**	**9522-414L**
						R	**9522-413R**	**9522-414R**
Lower 2nd Bicuspids 5 | 5		-22°	-1°	4°D	3.0	L	w/Post **9522-511L**	**9522-512L**
						R	**9522-511R**	**9522-512R**
						L	**9522-513L**	**9522-514L**
						R	**9522-513R**	**9522-514R** 10 ea /PK
Lower 1st Molars 6 | 6		-25°	0°	4°D	4.0	L	**952-611L**	**952-612L**
						R	**952-611R**	**952-612R** 10 ea /PK

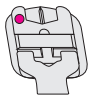
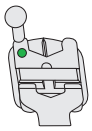
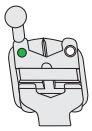
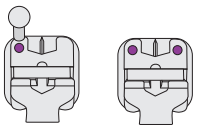
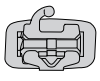
mini CLIPPY RC

Formula-M (McLaughlin Type*) Maxillary Arch



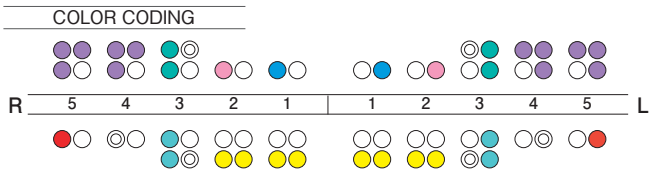
The mini Clippy RC has been born, adding aesthetic refinement to the mini Clippy, which has earned trust and a proven track record worldwide. Its rhodium finish creates an enhanced aesthetic that in combination with WHITE WIRE Sentalloy provides a perfect treatment.



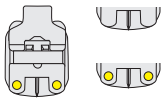
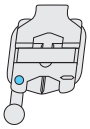
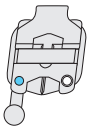
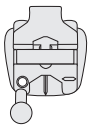
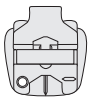
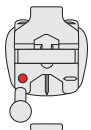
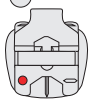
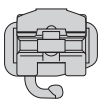
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		17°	4°	0°	3.0	L	**9572-101L**	**9572-102L**
						R	**9572-101R**	**9572-102R**
Upper Laterals								
2 | 2		10°	8°	0°	2.8	L	**9572-201L**	**9572-202L**
						R	**9572-201R**	**9572-202R**
Upper Cuspids							w/Post	
3 | 3		-7°	8°	0°	3.0	L	**9572-301L**	**9572-302L**
						R	**9572-301R**	**9572-302R**
		0°	8°	0°	3.0	L	**9572-305L**	**9572-306L**
						R	**9572-305R**	**9572-306R**
Upper 1st, 2nd Bicuspid							w/Post	
5 4 | 4 5		-7°	0°	0°	3.0	L	**9572-401L**	**9572-402L**
						R	**9572-401R**	**9572-402R**
						L&R	**9572-4030**	**9572-4040** 10 ea /PK
Upper 1st Molars								
6 | 6		-14°	0°	10°D	4.0	L	**957-607L**	**957-608L**
						R	**957-607R**	**957-608R**
	 Mini Type	-14°	0°	10°D	3.8	L	**9570-607L**	**9570-608L**
						R	**9570-607R**	**9570-608R** 10 ea /PK

Formula-M (McLaughlin Type*) Mandibular Arch

*Note: Does not imply endorsement by doctor.



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Double circle means white marking.

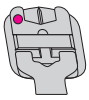
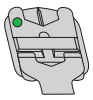
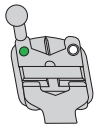
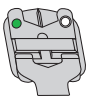
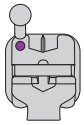
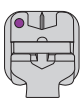
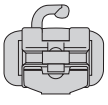
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.6	L&R	**9572-1110**	**9572-1120**
		0°	0°	0°	2.6	L&R	**9572-1130**	**9572-1140**
Lower Cuspids 3 | 3		-6°	3°	0°	3.0	L	w/Post **9572-311L**	**9572-312L**
						R	**9572-311R**	**9572-312R**
		0°	3°	0°	3.0	L	w/Post **9572-315L**	**9572-316L**
						R	**9572-315R**	**9572-316R**
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	3.0	L	w/Post **9572-411L**	**9572-412L**
						R	**9572-411R**	**9572-412R**
						L	**9572-413L**	**9572-414L**
						R	**9572-413R**	**9572-414R**
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	3.0	L	w/Post **9572-511L**	**9572-512L**
						R	**9572-511R**	**9572-512R**
						L	**9572-513L**	**9572-514L**
						R	**9572-513R**	**9572-514R** 10 ea /PK
Lower 1st Molars 6 | 6		-20°	0°	0°	4.0	L	**957-611L**	**957-612L**
						R	**957-611R**	**957-612R**
	 Mini Type	-20°	0°	0°	3.8	L	**9570-611L**	**9570-612L**
						R	**9570-611R**	**9570-612R** 10 ea /PK

Formula-R (Roth Type) Maxillary Arch



This mini-type self-ligating bracket has complete realized tooth movement and control, in addition to being friction-free.



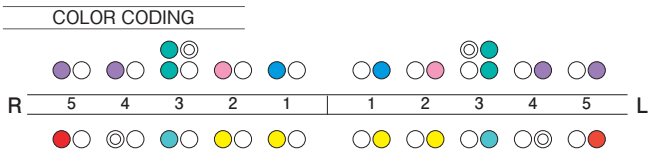
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.0	L	**952-101L**	**952-102L**
						R	**952-101R**	**952-102R**
Upper Laterals								
2 | 2		8°	9°	0°	2.8	L	**952-201L**	**952-202L**
						R	**952-201R**	**952-202R**
Upper Cuspids							w/Post	
3 | 3		-2°	13°	4°M	3.0	L	**952-301L**	**952-302L**
						R	**952-301R**	**952-302R**
						L	**952-303L**	**952-304L**
						R	**952-303R**	**952-304R**
		-2°	10°	4°M	3.0	L	**952-305L**	**952-306L**
						R	**952-305R**	**952-306R**
						L	**952-307L**	**952-308L**
						R	**952-307R**	**952-308R**
Upper 1st , 2nd Bicuspids							w/Post	
5 4 | 4 5		-7°	0°	2°D	3.0	L	**952-401L**	**952-402L**
						R	**952-401R**	**952-402R**
						L	**952-403L**	**952-404L**
						R	**952-403R**	**952-404R**
Upper 1st Molars								
6 | 6		-10°	0°	14°D	4.0	L	**952-607L**	**952-608L**
						R	**952-607R**	**952-608R**

10 ea /PK

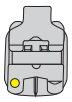
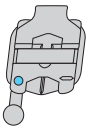
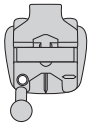
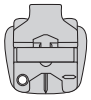
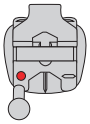
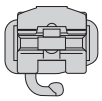
SELF-LIGATING BRACKET SYSTEM

mini CLIPPY

Formula-R (Roth Type) Mandibular Arch



Note1 : Brackets with right and left distinction, only distogingval tie-wing is color coded.
Note2 : Double circle means white marking.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-1°	2°	0°	2.6	L	**952-111L**	**952-112L**
						R	**952-111R**	**952-112R**
Lower Cuspids							w/Post	
3 | 3		-11°	7°	2°M	3.0	L	**952-311L**	**952-312L**
						R	**952-311R**	**952-312R**
						L	**952-313L**	**952-314L**
						R	**952-313R**	**952-314R**
Lower 1st Bicuspids							w/Post	
4 | 4		-17°	-1°	4°D	3.0	L	**952-411L**	**952-412L**
						R	**952-411R**	**952-412R**
						L	**952-413L**	**952-414L**
						R	**952-413R**	**952-414R**
Lower 2nd Bicuspids							w/Post	
5 | 5		-22°	-1°	4°D	3.0	L	**952-511L**	**952-512L**
						R	**952-511R**	**952-512R**
						L	**952-513L**	**952-514L**
						R	**952-513R**	**952-514R**
Lower 1st Molars								
6 | 6		-25°	0°	4°D	4.0	L	**952-611L**	**952-612L**
						R	**952-611R**	**952-612R**

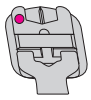
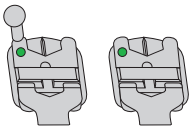
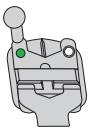
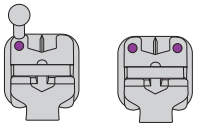
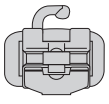
10 ea /PK

Formula-M (McLaughlin Type*) Maxillary Arch



This mini-type self-ligating bracket has complete realized tooth movement and control, in addition to being friction-free.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals		17°	4°	0°	3.0	L	**957-101L**	**957-102L**
1 | 1						R	**957-101R**	**957-102R**
Upper Laterals		10°	8°	0°	2.8	L	**957-201L**	**957-202L**
2 | 2						R	**957-201R**	**957-202R**
Upper Cuspids		-7°	8°	0°	3.0	L	**957-301L**	**957-302L**
3 | 3						R	**957-301R**	**957-302R**
						L	**957-303L**	**957-304L**
						R	**957-303R**	**957-304R**
		0°	8°	0°	3.0	L	**957-305L**	**957-306L**
						R	**957-305R**	**957-306R**
Upper 1st, 2nd Bicuspid		-7°	0°	0°	3.0	L	**957-401L**	**957-402L**
5 4 | 4 5						R	**957-401R**	**957-402R**
						L&R	**957-4030**	**957-4040**
Upper 1st Molars		-14°	0°	10°D	4.0	L	**957-607L**	**957-608L**
6 | 6						R	**957-607R**	**957-608R**
	 Mini Type	-14°	0°	10°D	3.8	L	**9570-607L**	**9570-608L**
						R	**9570-607R**	**9570-608R**

w/Post

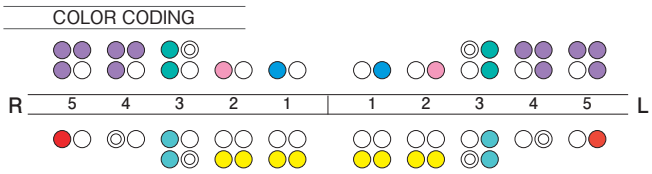
10 ea /PK

SELF-LIGATING BRACKET SYSTEM

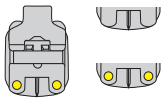
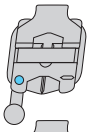
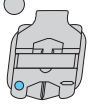
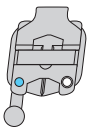
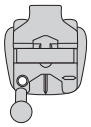
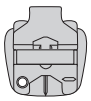
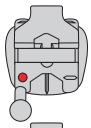
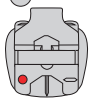
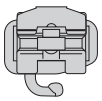
mini CLIPPY

Formula-M (McLaughlin Type*) Mandibular Arch

*Note: Does not imply endorsement by doctor.



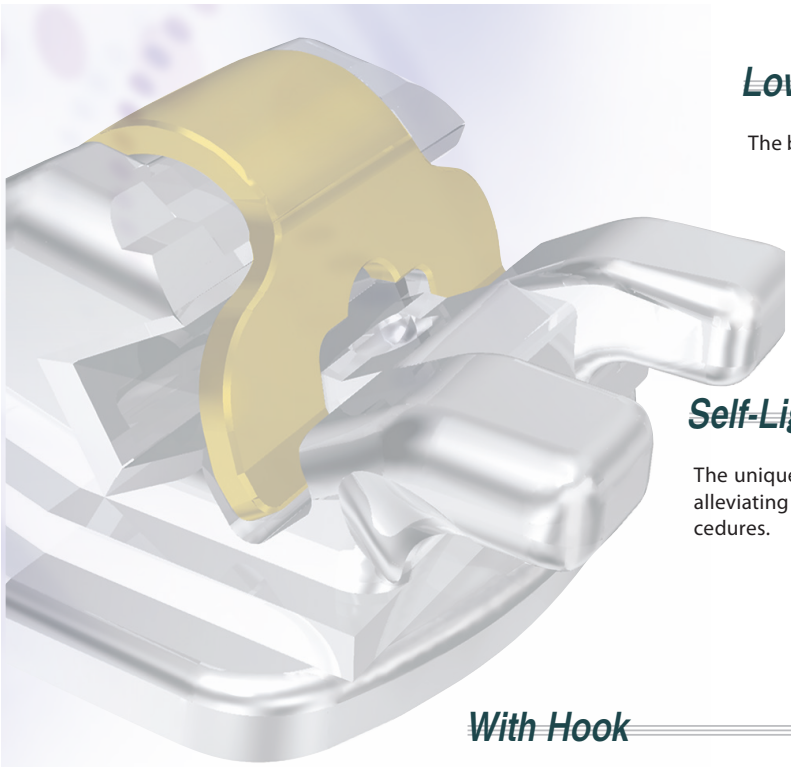
Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Double circle means white marking.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.6	L&R	**957-1110**	**957-1120**
		0°	0°	0°	2.6	L&R	**957-1130**	**957-1140**
Lower Cuspids 3 | 3		-6°	3°	0°	3.0	L	w/Post **957-311L**	**957-312L**
						R	**957-311R**	**957-312R**
						L	**957-313L**	**957-314L**
						R	**957-313R**	**957-314R**
		0°	3°	0°	3.0	L	w/Post **957-315L**	**957-316L**
						R	**957-315R**	**957-316R**
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	3.0	L	w/Post **957-411L**	**957-412L**
						R	**957-411R**	**957-412R**
						L	**957-413L**	**957-414L**
						R	**957-413R**	**957-414R**
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	3.0	L	w/Post **957-511L**	**957-512L**
						R	**957-511R**	**957-512R**
						L	**957-513L**	**957-514L**
						R	**957-513R**	**957-514R**
Lower 1st Molars 6 | 6		-20°	0°	0°	4.0	L	**957-611L**	**957-612L**
						R	**957-611R**	**957-612R**
	 Mini Type	-20°	0°	0°	3.8	L	**9570-611L**	**9570-612L**
						R	**9570-611R**	**9570-612R**

10 ea /PK

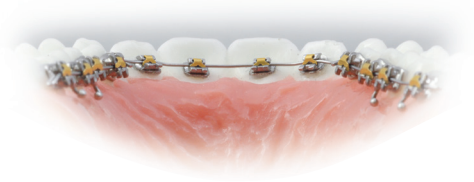
SELF-LIGATING BRACKET SYSTEM
CLIPPY-L

Lingual Self-Ligating Brackets



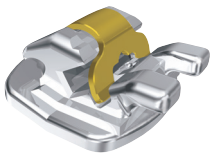
Low profile

The bracket is extremely thin, reducing discomfort.



Self-Ligating

The unique clip structure allows simple opening and closing of the clip, alleviating the need for lingual ligation. This eliminates troublesome procedures.





With Hook

You can select whether to include hooks for brackets up to 5-5.
The wide hook and deep well, designed with consideration for tongue sensitivity, allow improved operability. 3-3 has a central line for positioning, convenient for direct bonding.







Bonding base

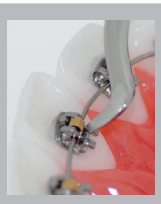
The shape of the bonding base matches the lingual form. The bonding base can be adhered to deep areas in the lingual fossa.



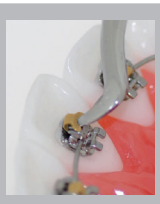
How to open/close the clip *for CLIPPY-L*

OPEN





Insert the tip into the notched area of the clip.



Slide the clip in the tooth axis direction, toward the occlusal surface.

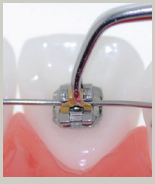


CLOSE

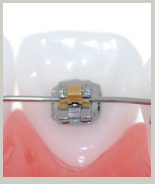




Place the notched area of the opener against the curved part of the clip.



Slide the clip toward the cervical area, so that it is over the wire.



Specially Designed Opening Tool



CLIPPY-L Opener

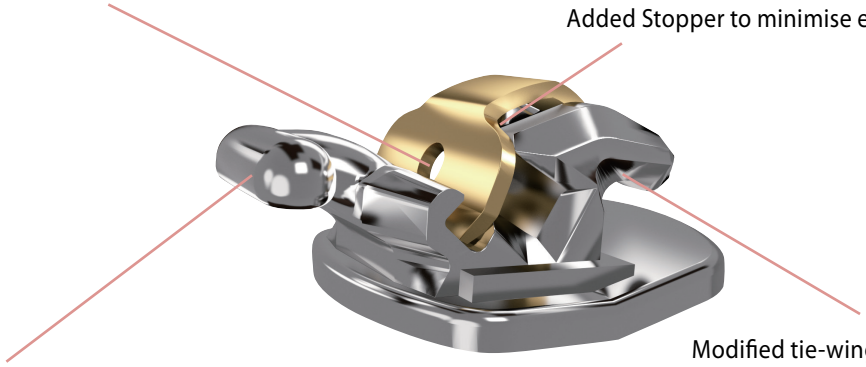
813-1090

Lingual Self-Ligating Brackets

CLIPPY-L 2G

Hole to make it easier to open the clip using an explorer

Added Stopper to minimise excessive stress on the clip

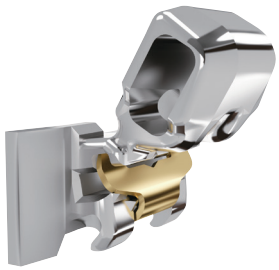


Modified tie-wings for improved ligation

Improved hook for patient comfort and oral hygiene

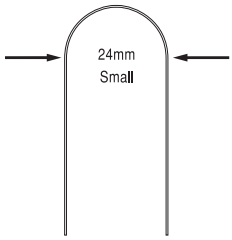
CLIPPY-L with SHEATH

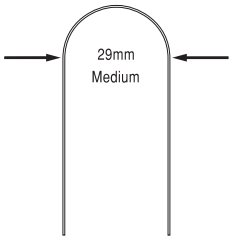
These weldable Clippy L molar tubes with 10′ torque have an integrated lingual sheath – ideal for lingual cases where a transpalatal arch bar or auxiliary is required. Universal left and right.

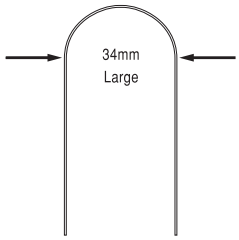




SENTALLOY Lingual Parallel Archwires



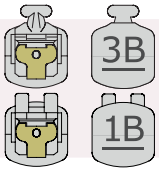
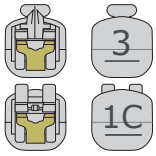
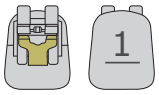
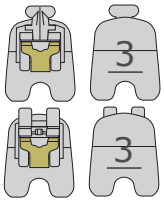
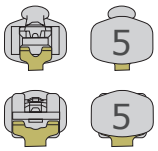
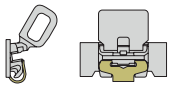
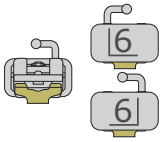




wire size : .010 inch (0.25mm)		wire size : .012 inch (0.30mm)		wire size : .014 inch (0.36mm)	
Small	**5119-010S**	Small	**5119-012S**		
Medium	**5119-010M**	Medium	**5119-012M**	Medium	**5119-014M**
Large	**5119-010L**	Large	**5119-012L**		



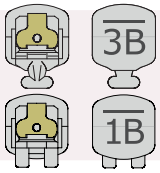
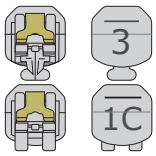
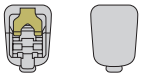
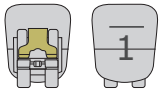
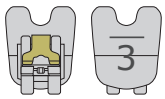
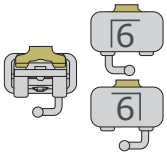
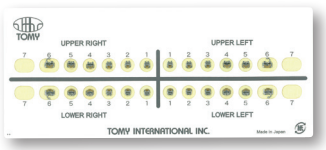
Lingual Self-Ligating Brackets

		Torque, Degrees	Width. mm	Left/ Right	.018"Slot
Up. Centrals & Laterals & Cuspids 3 2 1 | 1 2 3	CLIPPY-L 2G 	60°	2.2	L&R L&R	w/Hook **9910-11H** **9910-11**
		60°	2.2	L&R L&R	w/Hook **991-11H** **991-11**
Up. Centrals & Laterals 2 1 | 1 2		60°	2.2	L&R	**992-11**
Up. Cuspids 3 | 3		60°	2.2	L&R L&R	w/Hook **992-31H** **992-31**
Up. & Lo. 1st , 2nd Bicuspids 5 4 | 4 5 5 4 | 4 5		10° 10°	2.2 3.2	L&R L&R	**991-47H** **991-45**
Upper 1st Molars 6 | 6		10°	3.8	L&R	**W991-6050** ※ For welding use only
Upper Molars 7 6 | 6 7		10°	3.8	L&R L&R	w/Hook **991-607L** **991-607R** 5 ea /PK

SELF-LIGATING BRACKET SYSTEM

CLIPPY-L

Lingual Self-Ligating Brackets

			Torque, Degrees	Width. mm	Left/ Right	.018"Slot
Lo. Anteriors & Cuspids						
3 2 1 | 1 2 3	CLIPPY-L2G		50°	2.2	L&R	w/Hook **9910-51H**
					L&R	**9910-51**
			50°	2.2	L&R	w/Hook **991-51H**
					L&R	**991-51**
Lo. Anteriors						
2 1 | 1 2	Narrow Type		50°	1.6/2.0	L&R	**991-57**
			50°	2.2	L&R	**992-51**
Lo. Cuspids						
3 | 3			50°	2.2	L&R	**992-61**
Lower Molars						
7 6 | 6 7			0°	3.8	L	w/Hook **991-611L**
					R	**991-611R**
						5 ea /PK
One Patient Kit						
6 ~ 6 / 6 ~ 6			(991-11, 45, 51, 607L/R, 611L/R)			**991-0021**
			(991-11H, 47H, 51H, 607L/R, 611L/R)			w/Hook **991-0021H**
						24 ea /KIT

Crystaline 8

Formula-R (Roth Type) Maxillary Arch

Crystaline EIGHT 8

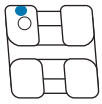
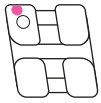
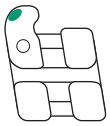
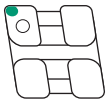
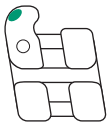
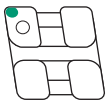
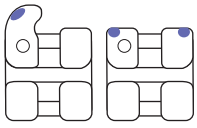


Crystaline 7 Crystaline 8

This alumina ceramic bracket is even more compact and has improved aesthetics.
It is also useful when inter-bracket span is required.



Crystaline7 Crystaline8

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		12°	5°	0°	3.4	L	**1661-101L**	**1661-102L**
						R	**1661-101R**	**1661-102R**
Upper Laterals 2 | 2		8°	9°	0°	2.8	L	**1661-201L**	**1661-202L**
						R	**1661-201R**	**1661-202R**
Upper Cuspids 3 | 3		-2°	13°	4°M	3.3	L	w/Hook **1661-301L**	**1661-302L**
						R	**1661-301R**	**1661-302R**
						L	**1661-303L**	**1661-304L**
						R	**1661-303R**	**1661-304R**
		-2°	9°	4°M	3.3	L	w/Hook **1661-305L**	**1661-306L**
						R	**1661-305R**	**1661-306R**
						L	**1661-307L**	**1661-308L**
						R	**1661-307R**	**1661-308R**
Upper 1st , 2nd Bicuspids 5 4 | 4 5		-7°	0°	0°	3.3	L	w/Hook **1661-401L**	**1661-402L**
						R	**1661-401R**	**1661-402R**
						L&R	**1661-4030**	**1661-4040**

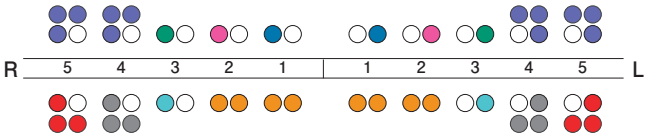
10 ea /PK

CERAMIC TWIN BRACKETS
Crystaline 8

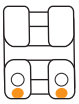
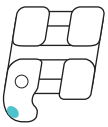
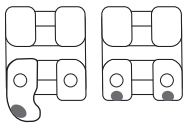
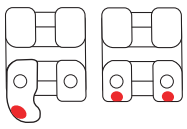
Formula-R (Roth Type) Mandibular Arch



COLOR CODING



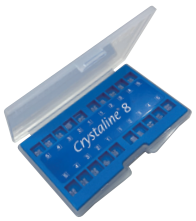
Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		0°	0°	0°	2.8	L&R	**1661-1110**	**1661-1120**
Lower Cuspids 3 | 3		-11°	7°	2°M	3.7	L	**1661-311L**	**1661-312L**
						R	**1661-311R**	**1661-312R**
						L	**1661-313L**	**1661-314L**
						R	**1661-313R**	**1661-314R**
Lower 1st Bicuspids 4 | 4		-17°	0°	0°	3.3	L	**1661-411L**	**1661-412L**
						R	**1661-411R**	**1661-412R**
						L&R	**1661-4130**	**1661-4140**
Lower 2nd Bicuspids 5 | 5		-22°	0°	0°	3.3	L	**1661-511L**	**1661-512L**
						R	**1661-511R**	**1661-512R**
						L&R	**1661-5130**	**1661-5140**

w/Hook

10 ea /PK

One Patient Kit

3 ⁄ 3 / 3 ⁄ 3		Up cuspid w/Lo Angulation	(307L/R, 308L/R)		**1661-03**	**1661-04**
			(305L/R, 306L/R)	w/Hook	**1661-03H**	**1661-04H**
					12 ea /KIT	
5 ⁄ 5 / 5 ⁄ 5		Up cuspid w/Lo Angulation	(307L/R, 308L/R)		**1661-001**	**1661-002**
			(305L/R, 306L/R)	w/Hook	**1661-001H**	**1661-002H**
					20 ea /KIT	

Formula-M (McLaughlin Type*) Maxillary Arch

Crystaline EIGHT

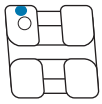
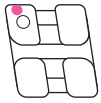
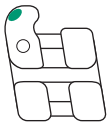
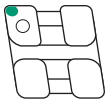
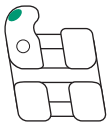
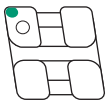
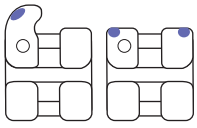


Crystaline 7 Crystaline 8

This alumina ceramic bracket is even more compact and has improved aesthetics.
It is also useful when inter-bracket span is required.



Crystaline7 Crystaline8

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	3.4	L	**1665-101L**	**1665-102L**
						R	**1665-101R**	**1665-102R**
Upper Laterals 2 | 2		10°	8°	0°	2.8	L	**1665-201L**	**1665-202L**
						R	**1665-201R**	**1665-202R**
Upper Cuspids 3 | 3		-7°	8°	0°	3.3	L	**1665-301L** (w/Hook)	**1665-302L** (w/Hook)
						R	**1665-301R** (w/Hook)	**1665-302R** (w/Hook)
						L	**1665-303L**	**1665-304L**
						R	**1665-303R**	**1665-304R**
		0°	8°	0°	3.3	L	**1665-305L** (w/Hook)	**1665-306L** (w/Hook)
						R	**1665-305R** (w/Hook)	**1665-306R** (w/Hook)
						L	**1665-307L**	**1665-308L**
						R	**1665-307R**	**1665-308R**
Upper 1st , 2nd Bicuspids 5 4 | 4 5		-7°	0°	0°	3.3	L	**1665-401L** (w/Hook)	**1665-402L** (w/Hook)
						R	**1665-401R** (w/Hook)	**1665-402R** (w/Hook)
						L&R	**1665-4030**	**1665-4040**

10 ea /PK

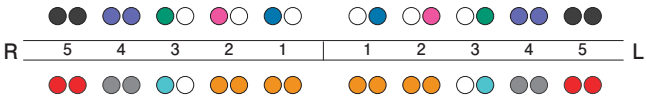
CERAMIC TWIN BRACKETS
Crystaline 8

Formula-M (McLaughlin Type*) Mandibular Arch

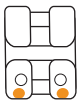
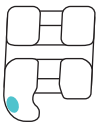
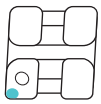
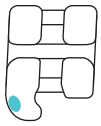
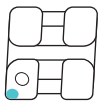
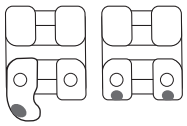
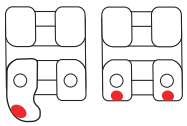
*Note: Does not imply endorsement by doctor.



COLOR CODING



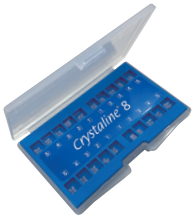
Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.8	L&R	**1665-1110**	**1665-1120**
		0°	0°	0°		L&R	**1665-1130**	**1665-1140**
Lower Cuspids 3 | 3		-6°	3°	0°	3.3	L	**1665-311L**	**1665-312L**
						R	**1665-311R**	**1665-312R**
						L	**1665-313L**	**1665-314L**
						R	**1665-313R**	**1665-314R**
		0°	3°	0°	3.3	L	**1665-315L**	**1665-316L**
						R	**1665-315R**	**1665-316R**
						L	**1665-317L**	**1665-318L**
						R	**1665-317R**	**1665-318R**
Lower 1st Bicuspids 4 | 4		-12°	0°	0°	3.3	L	**1665-411L**	**1665-412L**
						R	**1665-411R**	**1665-412R**
						L&R	**1665-4130**	**1665-4140**
Lower 2nd Bicuspids 5 | 5		-17°	0°	0°	3.3	L	**1665-511L**	**1665-512L**
						R	**1665-511R**	**1665-512R**
						L&R	**1665-5130**	**1665-5140** 10 ea /PK

One Patient Kit

3 ⁄ 3 / 3 ⁄ 3

5 ⁄ 5 / 5 ⁄ 5



Lower Anterior w/Torque (1665-1120) Up & Lo. cuspid w/Torque (1665-302L/R, 312L/R)	w/Hook	———	**1665-02H**
Lower Anterior w/o Torque (1665-1140) Up & Lo. cuspids w/o Torque (1665-306L/R, 316 L/R)	w/Hook	———	**1665-04H** 12 ea /KIT
Lower Anterior w/Torque (1665-1120) Up & Lo. cuspid w/Torque (1665-302L/R, 312L/R)	w/Hook	———	**1665-002H**
Lower Anterior w/o Torque (1665-1140) Up & Lo. cuspids w/o Torque (1665-306L/R, 316 L/R)	w/Hook	———	**1665-004H**
Lower Anterior w/ Torque (1665-1120) Up & Lo. cuspids w/o Torque (1665-306L/R, 316 L/R)	w/Hook	———	**1665-006H** 20 ea /KIT

CERAMIC TWIN BRACKETS
Crystaline 7

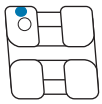
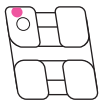
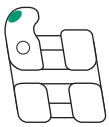
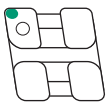
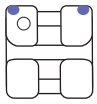
Formula-R (Roth Type) Maxillary Arch

Crystaline 7 SEVEN



The Crystaline 7 polycrystaline ceramic bracket features a more refined twin-bracket design with single hooks on cuspids.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.7	L	**1651-101L**	**1651-102L**
						R	**1651-101R**	**1651-102R**
Upper Laterals								
2 | 2		8°	9°	0°	3.4	L	**1651-201L**	**1651-202L**
						R	**1651-201R**	**1651-202R**
Upper Cuspids							w/Hook	
3 | 3						L	**1651-305L**	**1651-306L**
						R	**1651-305R**	**1651-306R**
		-2°	9°	4°M	3.7	L	**1651-307L**	**1651-308L**
						R	**1651-307R**	**1651-308R**
Upper 1st , 2nd Bicuspids								
5 4 | 4 5		-7°	0°	0°	3.7	L&R	**1651-4030**	**1651-4040**

10 ea /PK

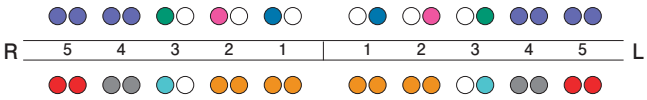


CERAMIC TWIN BRACKETS
Crystaline 7

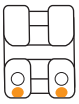
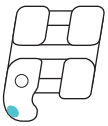
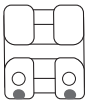
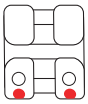
Formula-R (Roth Type) Mandibular Arch



COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		0°	0°	0°	3.0	L&R	**1651-1110**	**1651-1120**
Lower Cuspids							w/Hook	
3 | 3		-11°	7°	2°M	3.7	L	**1651-311L**	**1651-312L**
						R	**1651-311R**	**1651-312R**
						L	**1651-313L**	**1651-314L**
						R	**1651-313R**	**1651-314R**
Lower 1st Bicuspids								
4 | 4		-17°	0°	0°	3.5	L&R	**1651-4130**	**1651-4140**
Lower 2nd Bicuspids								
5 | 5		-22°	0°	0°	3.5	L&R	**1651-5130**	**1651-5140**
								10 ea /PK

One Patient Kit

3 ⌢ 3 / 3 ⌢ 3		**1651-03**	**1651-04**	
	w/Hook	**1651-03H**	**1651-04H**	12 ea /KIT
5 ⌢ 5 / 3 ⌢ 3		**1651-07**	**1651-08**	
	w/Hook	**1651-07H**	**1651-08H**	16 ea /KIT
5 ⌢ 5 / 5 ⌢ 5		**1651-001**	**1651-002**	
	w/Hook	**1651-001H**	**1651-002H**	20 ea /KIT

CERAMIC TWIN BRACKETS
Crystaline 7

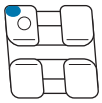
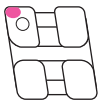
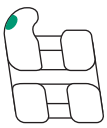
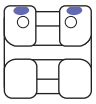
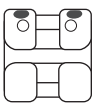
Formula-M (McLaughlin Type*) Maxillary Arch

Crystaline 7 SEVEN



The Crystaline 7 polycrystaline ceramic bracket features a more refined twin-bracket design with single hooks on cuspids.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		17°	4°	0°	3.7	L	———	**1655-102L**
						R	———	**1655-102R**
Upper Laterals								
2 | 2		10°	8°	0°	3.4	L	———	**1655-202L**
						R	———	**1655-202R**
Upper Cuspids							w/Hook	
3 | 3		-7°	8°	0°	3.7	L	———	**1655-302L**
						R	———	**1655-302R**
							w/Hook	
		0°	8°	0°	3.7	L	———	**1655-306L**
						R	———	**1655-306R**
Upper 1st Bicuspids								
4 | 4		-7°	0°	0°	3.7	L&R	———	**1655-4040**
Upper 2nd Bicuspids								
5 | 5		-7°	0°	0°	3.7	L&R	———	**1655-5040**

10 ea /PK

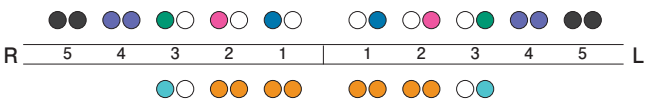
CERAMIC TWIN BRACKETS
Crystaline 7

Formula-M (McLaughlin Type*) Mandibular Arch

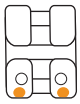
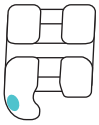
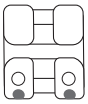
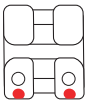
*Note: Does not imply endorsement by doctor.



COLOR CODING



Note1 : Brackets with right or left distinction, its tie wings are coded distogingival.
Note2 : Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	3.0	L&R	———	**1655-1120**
		0°	0°	0°	3.0	L&R	———	**1655-1140**
Lower Cuspids 3 | 3		-6°	3°	0°	3.7	L	———	**1655-312L** (w/Hook)
						R	———	**1655-312R** (w/Hook)
		0°	3°	0°	3.7	L	———	**1655-316L** (w/Hook)
						R	———	**1655-316R** (w/Hook)
Lower 1st Bicuspids 4 | 4		-12°	0°	0°	3.5	L&R	———	**1655-4140**
Lower 2nd Bicuspids 5 | 5		-17°	0°	0°	3.5	L&R	———	**1655-5140** 10 ea /PK

One Patient Kit

$\frac{3 \sim 3}{3 \sim 3}$	Lower Anterior w/Torque (1655-1120) Up & Lo. cuspid w/Torque (1655-302L/R, 312L/R)	w/Hook	———	**1655-02H**	
	Lower Anterior w/o Torque (1655-1140) Up & Lo. cuspids w/o Torque (1655-306L/R, 316 L/R)	w/Hook	———	**1655-04H**	12 ea /KIT
$\frac{5 \sim 5}{3 \sim 3}$ 	Lower Anterior w/Torque (1655-1120) Up & Lo. cuspid w/Torque (1655-302L/R, 312L/R)	w/Hook	———	**1655-06H**	16 ea /KIT
$\frac{5 \sim 5}{5 \sim 5}$	Lower Anterior w/Torque (1655-1120) Up & Lo. cuspid w/Torque (1655-302L/R, 312L/R)	w/Hook	———	**1655-002H**	
	Lower Anterior w/o Torque (1655-1140) Up & Lo. cuspids w/o Torque (1655-306L/R, 316 L/R)	w/Hook	———	**1655-004H**	
	Lower Anterior w/ Torque (1655-1120) Up & Lo. cuspids w/o Torque (1655-306L/R, 316 L/R)	w/Hook	———	**1655-006H**	20 ea /KIT

METAL TWIN BRACKETS
OMNI ARCH RC

Formula-R (Roth Type) Maxillary Arch



OMNI ARCH RC features the same characteristics as the standard bracket but with enhanced aesthetics.
Largely used in the jewelry industry, Rhodium has the unique characteristic of reducing reflection.
Its silver matte finish provides a transparent appearance that enhances aesthetics.



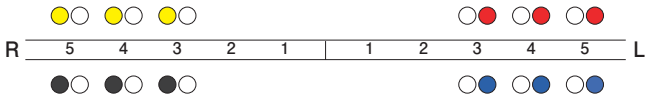
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.8	L	**9311-101L**	**9311-102L**
						R	**9311-101R**	**9311-102R**
Upper Laterals								
2 | 2		8°	9°	0°	3.0	L	**9311-201L**	**9311-202L**
						R	**9311-201R**	**9311-202R**
Upper Cuspids							w/Post	
3 | 3		-2°	10°	0°	3.0	L	**9311-301L**	**9311-302L**
						R	**9311-301R**	**9311-302R**
Upper 1st Bicuspids							w/Post	
4 | 4		-7°	0°	0°	3.0	L	**9311-401L**	**9311-402L**
						R	**9311-401R**	**9311-402R**
						L&R	**9311-4030**	**9311-4040**
Upper 2nd Bicuspids							w/Post	
5 | 5		-7°	0°	0°	3.0	L	**9311-501L**	**9311-502L**
						R	**9311-501R**	**9311-502R**
						L&R	**9311-5030**	**9311-5040**

10 ea /PK

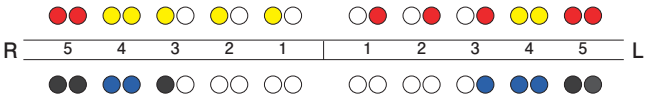
Formula-R (Roth Type) Mandibular Arch

COLOR CODING

《 With Hook 》



《 Without Hook 》



Note1: Brackets with right or left distinction, its tie wings are coded distogingival.
Note2: Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-1°	0°	0°	2.5	L&R	**9311-1110**	**9311-1120**
Lower Cuspids							w/Post	
3 | 3		-11°	7°	0°	3.0	L	**9311-311L**	**9311-312L**
						R	**9311-311R**	**9311-312R**
Lower 1st Bicuspids							w/Post	
4 | 4		-17°	0°	0°	3.0	L	**9311-411L**	**9311-412L**
						R	**9311-411R**	**9311-412R**
						L&R	**9311-4130**	**9311-4140**
Lower 2nd Bicuspids							w/Post	
5 | 5		-22°	0°	0°	3.0	L	**9311-511L**	**9311-512L**
						R	**9311-511R**	**9311-512R**
						L&R	**9311-5130**	**9311-5140**

10 ea /PK

METAL TWIN BRACKETS
OMNI ARCH RC

Formula-M (McLaughlin Type*) Maxillary Arch

*Note: Does not imply endorsement by doctor.



OMNI ARCH RC features the same characteristics as the standard bracket but with enhanced aesthetics.
Largely used in the jewelry industry, Rhodium has the unique characteristic of reducing reflection.
Its silver matte finish provides a transparent appearance that enhances aesthetics.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		17°	4°	0°	3.8	L	**9351-101L**	**9351-102L**
						R	**9351-101R**	**9351-102R**
Upper Laterals								
2 | 2		10°	8°	0°	3.0	L	**9351-201L**	**9351-202L**
						R	**9351-201R**	**9351-202R**
Upper Cuspids							w/Post	
3 | 3		-7°	8°	0°	3.0	L	———	**9351-302L**
						R	———	**9351-302R**
Upper 1st Bicuspids							w/Post	
4 | 4		-7°	0°	0°	3.0	L	———	**9351-402L**
						R	———	**9351-402R**
						L&R	———	**9351-4040**
Upper 2nd Bicuspids							w/Post	
5 | 5		-7°	0°	0°	3.0	L	———	**9351-502L**
						R	———	**9351-502R**
						L&R	———	**9351-5040**

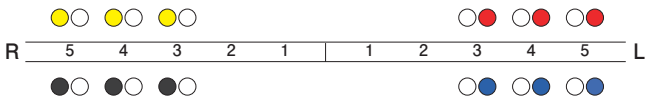
10 ea /PK

Formula-M (McLaughlin Type*) Mandibular Arch

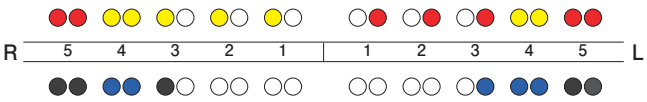
*Note: Does not imply endorsement by doctor.

COLOR CODING

《 With Hook 》



《 Without Hook 》



Note1: Brackets with right or left distinction, its tie wings are coded distogingival.
Note2: Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-6°	0°	0°	2.5	L&R	**9351-1110**	**9351-1120**
Lower Cuspids							w/Post	
3 | 3		-6°	3°	0°	3.0	L	——	**9351-312L**
						R	——	**9351-312R**
Lower 1st Bicuspids							w/Post	
4 | 4		-12°	2°	0°	3.0	L	——	**9351-412L**
						R	——	**9351-412R**
						L	——	**9351-414L**
						R	——	**9351-414R**
Lower 2nd Bicuspids							w/Post	
5 | 5		-17°	2°	0°	3.0	L	——	**9351-512L**
						R	——	**9351-512R**
						L	——	**9351-514L**
						R	——	**9351-514R**

10 ea /PK

Formula-R (Roth Type) Maxillary Arch

In order to reduce occlusal interference and ensure sufficient tying area, high-gingival and low-occlusal tie wings are designed in the bracket, achieving a wedge base torque that is superior to torque in base.
A mid-size bracket design was selected based on consideration for the evolution of bracket spans and wires, for a metal bracket with both a low profile and improved tooth control. For the popular Dr. Roth type, the specifications allow the selection of vertical hooks (Accu Post) friendly to the periodontal tissue for the upper and lower teeth No. 3, 4, and 5.



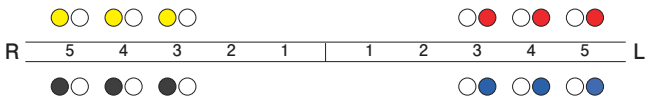
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		12°	5°	0°	3.8	L	**931-101L**	**931-102L**
						R	**931-101R**	**931-102R**
Upper Laterals								
2 | 2		8°	9°	0°	3.0	L	**931-201L**	**931-202L**
						R	**931-201R**	**931-202R**
Upper Cuspids							w/Post	
3 | 3		-2°	10°	0°	3.0	L	**931-301L**	**931-302L**
						R	**931-301R**	**931-302R**
Upper 1st Bicuspids							w/Post	
4 | 4		-7°	0°	0°	3.0	L	**931-401L**	**931-402L**
						R	**931-401R**	**931-402R**
						L&R	**(w) 931-4030**	**(w) 931-4040**
Upper 2nd Bicuspids							w/Post	
5 | 5		-7°	0°	0°	3.0	L	**931-501L**	**931-502L**
						R	**931-501R**	**931-502R**
						L&R	**(w) 931-5030**	**(w) 931-5040**

10 ea /PK

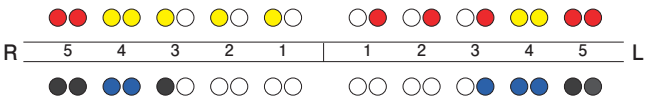
Formula-R (Roth Type) Mandibular Arch

COLOR CODING

《 With Hook 》



《 Without Hook 》



Note1: Brackets with right or left distinction, its tie wings are coded distogingival.
Note2: Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-1°	0°	0°	2.5	L&R	**931-1110**	**931-1120**
Lower Cuspids							w/Post	
3 | 3		-11°	7°	0°	3.0	L	**931-311L**	**931-312L**
						R	**931-311R**	**931-312R**
Lower 1st Bicuspids							w/Post	
4 | 4		-17°	0°	0°	3.0	L	**931-411L**	**931-412L**
						R	**931-411R**	**931-412R**
						L&R	**(W) 931-4130**	**(W) 931-4140**
Lower 2nd Bicuspids							w/Post	
5 | 5		-22°	0°	0°	3.0	L	**931-511L**	**931-512L**
						R	**931-511R**	**931-512R**
						L&R	**(W) 931-5130**	**(W) 931-5140**

10 ea /PK

Formula-M (McLaughlin Type*) Maxillary Arch

*Note: Does not imply endorsement by doctor.

In order to reduce occlusal interference and ensure sufficient tying area, high-gingival and low-occlusal tie wings are designed in the bracket, achieving a wedge base torque that is superior to torque in base.
A mid-size bracket design was selected based on consideration for the evolution of bracket spans and wires, for a metal bracket with both a low profile and improved tooth control. For the popular Dr. Roth type, the specifications allow the selection of vertical hooks (Accu Post) friendly to the periodontal tissue for the upper and lower teeth No. 3, 4, and 5.



		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals								
1 | 1		17°	4°	0°	3.8	L	**935-101L**	**935-102L**
						R	**935-101R**	**935-102R**
Upper Laterals								
2 | 2		10°	8°	0°	3.0	L	**935-201L**	**935-202L**
						R	**935-201R**	**935-202R**
Upper Cuspids							w/Post	
3 | 3		-7°	8°	0°	3.0	L	———	**935-302L**
						R	———	**935-302R**
Upper 1st Bicuspids							w/Post	
4 | 4		-7°	0°	0°	3.0	L	———	**935-402L**
						R	———	**935-402R**
						L&R	———	**935-4040**
Upper 2nd Bicuspids							w/Post	
5 | 5		-7°	0°	0°	3.0	L	———	**935-502L**
						R	———	**935-502R**
						L&R	———	**935-5040**

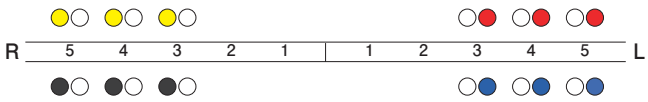
10 ea /PK

Formula-M (McLaughlin Type*) Mandibular Arch

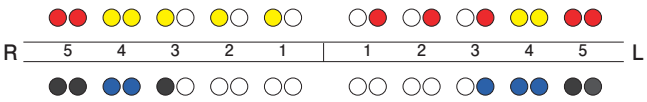
*Note: Does not imply endorsement by doctor.

COLOR CODING

《 With Hook 》



《 Without Hook 》



Note1: Brackets with right or left distinction, its tie wings are coded distogingival.
Note2: Universal brackets are coded on both distogingival and mesiogingival tie wings.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors								
2 1 | 1 2		-6°	0°	0°	2.5	L&R	**935-1110**	**935-1120**
Lower Cuspids							w/Post	
3 | 3		-6°	3°	0°	3.0	L	——	**935-312L**
						R	——	**935-312R**
Lower 1st Bicuspids							w/Post	
4 | 4		-12°	2°	0°	3.0	L	——	**935-412L**
						R	——	**935-412R**
						L	——	**935-414L**
						R	——	**935-414R**
Lower 2nd Bicuspids							w/Post	
5 | 5		-17°	2°	0°	3.0	L	——	**935-512L**
						R	——	**935-512R**
						L	——	**935-514L**
						R	——	**935-514R**

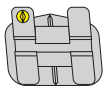
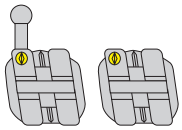
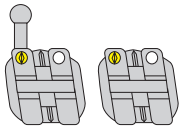
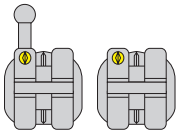
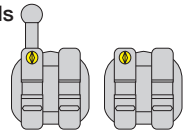
10 ea /PK

METAL TWIN BRACKETS

MINI OMNI ARCH Formula-M (McLaughlin Type*)

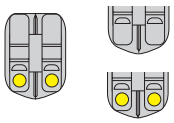
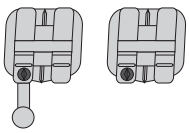
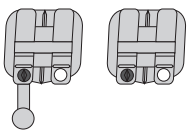
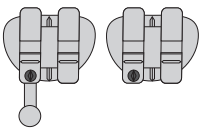
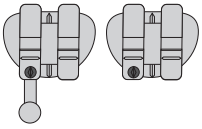
Maxillary Arch

*Note: Does not imply endorsement by doctor.

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	3.4	L	9350-101L	9350-102L
						R	9350-101R	9350-102R
Upper Laterals 2 | 2		10°	8°	0°	2.6	L	9350-201L	9350-202L
						R	9350-201R	9350-202R
Upper Cuspids 3 | 3		-7°	8°	0°	2.6	L	9350-301L	9350-302L
						R	9350-301R	9350-302R
						L	———	9350-304L
						R	———	9350-304R
		0°	8°	0°	2.6	L	9350-305L	9350-306L
						R	9350-305R	9350-306R
						L	———	9350-308L
						R	———	9350-308R
Upper 1st Bicuspids 4 | 4		-7°	0°	0°	2.6	L	———	9350-402L
						R	———	9350-402R
						L&R	9350-4030	9350-4040
Upper 2nd Bicuspids 5 | 5		-7°	0°	0°	2.6	L	———	9350-502L
						R	———	9350-502R
						L&R	9350-5030	9350-5040

10 ea /PK

Mandibular Arch

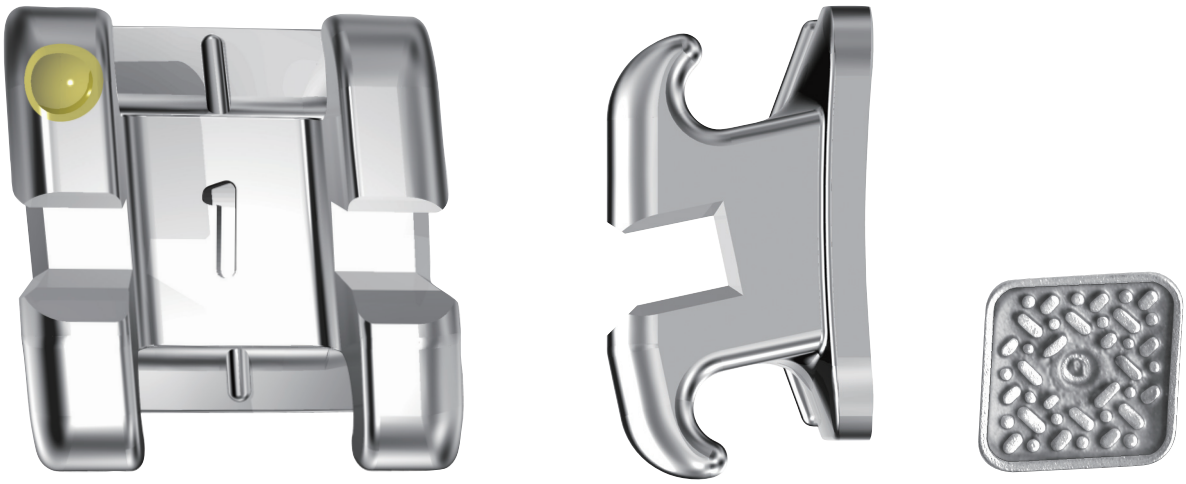
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.3	L&R	9350-1110	9350-1120
		0°	0°	0°	2.3	L&R	———	9350-1140
Lower Cuspids 3 | 3		-6°	3°	0°	2.6	L	9350-311L	9350-312L
						R	9350-311R	9350-312R
						L	———	9350-314L
						R	———	9350-314R
		0°	3°	0°	2.6	L	9350-315L	9350-316L
						R	9350-315R	9350-316R
						L	———	9350-318L
						R	———	9350-318R
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	2.6	L	———	9350-412L
						R	———	9350-412R
						L	9350-413L	9350-414L
						R	9350-413R	9350-414R
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	2.6	L	———	9350-512L
						R	———	9350-512R
						L	9350-513L	9350-514L
						R	9350-513R	9350-514R

10 ea /PK

Microline Brackets

Tomy's Microline brackets utilizes the state of the art manufacturing technique of Metal Injection Molding (MIM) that creates a sturdy and strong single piece bracket system that is both economical and high quality.

- Bonding Base – Pad-Base Micro-etched compound contoured bonding base for precise fit and secure bonding.
- Scribe Line and permanent ID with color coded provides accurate placement and easy identification.
- Brackets are Torque in the base for nicer initial alignment.
- Smooth, bright and clean finished appearance.
- Available in both Formula- R and Formula- M (McLaughlin Type*) prescriptions.



Microline Buccal Tubes

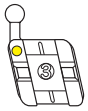
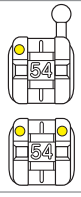
Tomy's Microline MIM single non-convertible buccal tubes with all the precise and matching feature qualities of the Microline brackets.



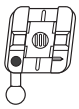
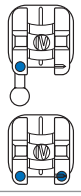
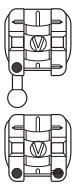
METAL TWIN BRACKETS

Microline Formula-R (Roth Type)

Maxillary Arch

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		12°	5°	0°	3.2	L R	**944-101L** **944-101R**	**944-102L** **944-102R**
Upper Laterals 2 | 2		8°	9 °	0°	2.8	L R	**944-201L** **944-201R**	**944-202L** **944-202R**
Upper Cuspids 3 | 3		-2°	13°	0°	3.2	L R	w/Post **944-301L** **944-301R**	**944-302L** **944-302R**
Upper Bicuspids 5 4 | 4 5		-7°	0°	0°	3.0	L R L&R	w/Post **944-401L** **944-401R** **944-4030**	**944-402L** **944-402R** **944-4040**
Upper Molars 7 6 | 6 7		-10°	0°	6°D	4.4	L R	——— ———	**(W) 944-702L** **(W) 944-702R** 10 ea /PK

Mandibular Arch

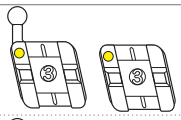
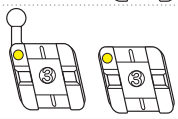
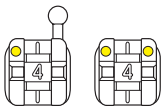
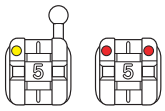
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-1°	0°	0°	2.5	L&R	**944-1110**	**944-1120**
Lower Cuspids 3 | 3		-11°	7°	0°	3.0	L R	w/Post **944-311L** **944-311R**	**944-312L** **944-312R**
Lower 1st Bicuspids 4 | 4		-17°	0°	0°	3.0	L R L&R	w/Post **944-411L** **944-411R** **944-4130**	**944-412L** **944-412R** **944-4140**
Lower 2nd Bicuspids 5 | 5		-22°	0°	0°	3.0	L R L&R	w/Post **944-511L** **944-511R** **944-5130**	**944-512L** **944-512R** **944-5140**
Lower Molars 7 6 | 6 7		-25°	0°	6°D	4.4	L R	——— ———	**(W) 944-712L** **(W) 944-712R** 10 ea /PK

METAL TWIN BRACKETS

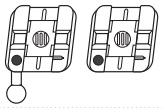
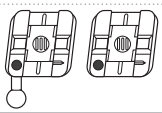
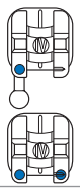
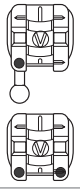
Microline Formula-M (McLaughlin Type*)

*Note: Does not imply endorsement by doctor.

Maxillary Arch

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper Centrals 1 | 1		17°	4°	0°	3.2	L R	9445-101L 9445-101R	9445-102L 9445-102R
Upper Laterals 2 | 2		10°	8°	0°	2.8	L R	9445-201L 9445-201R	9445-202L 9445-202R
Upper Cuspids 3 | 3		-7°	8°	0°	3.0	L R	w/Post 9445-301L 9445-301R	9445-302L 9445-302R
		0°	8°	0°	3.0	L R	w/Post 9445-305L 9445-305R	9445-306L 9445-306R
Upper 1st Bicuspids 4 | 4		-7°	0°	0°	3.0	L R L&R	w/Post 9445-401L 9445-401R 9445-4030	9445-402L 9445-402R 9445-4040
Upper 2nd Bicuspids 5 | 5		-7°	0°	0°	3.0	L R L&R	w/Post 9445-501L 9445-501R 9445-5030	9445-502L 9445-502R 9445-5040
Upper Molars 7 6 | 6 7		-10°	0°	6D°	4.4	L R	——— ———	(W) 944-702L (W) 944-702R 10 ea /PK

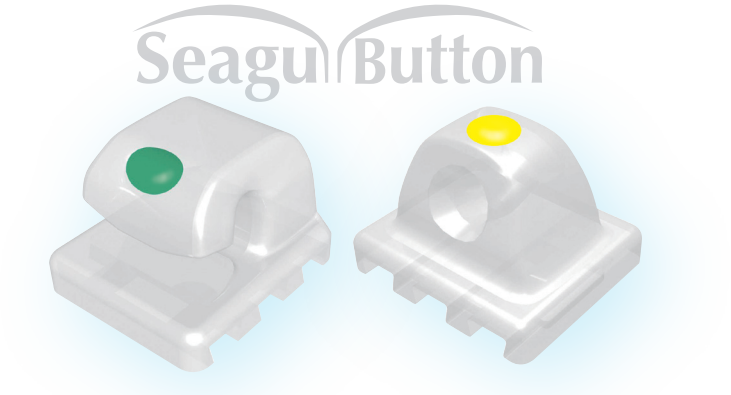
Mandibular Arch

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower Anteriors 2 1 | 1 2		-6°	0°	0°	2.5	L&R	9445-1110	9445-1120
Lower Cuspids 3 | 3		-6°	3°	0°	3.0	L R	w/Post 9445-311L 9445-311R	9445-312L 9445-312R
		0°	3°	0°	3.0	L R	w/Post 9445-315L 9445-315R	9445-316L 9445-316R
Lower 1st Bicuspids 4 | 4		-12°	2°	0°	3.0	L R L R	w/Post 9445-411L 9445-411R 9445-413L 9445-413R	9445-412L 9445-412R 9445-414L 9445-414R
Lower 2nd Bicuspids 5 | 5		-17°	2°	0°	3.0	L R L R	w/Post 9445-511L 9445-511R 9445-513L 9445-513R	9445-512L 9445-512R 9445-514L 9445-514R
Lower Molars 7 6 | 6 7		-25°	0°	6D°	4.4	L R	——— ———	(W) 944-712L (W) 944-712R 10 ea /PK

SEAGULL BUTTON (Open & Close)

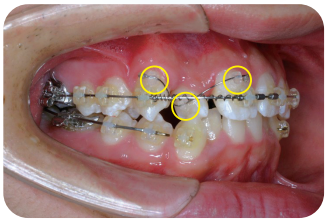
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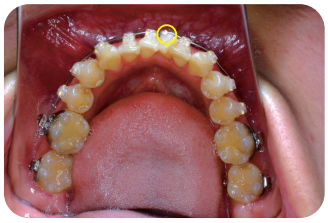
Utility attachment
Initial wire can be inserted easily.
For severe crowding where brackets cannot be attached.

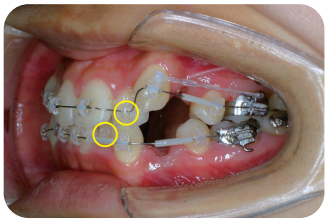


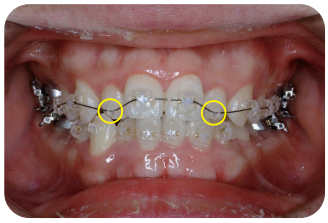
Special Features

- Also very useful for leveling.
- Can be used as lingual buttons and cleats.
- Perfect for controlling impacted and linguoversion teeth.
- A mechanical lock base has been adopted for bonding, allowing the use of any type of orthodontic adhesive.
- PC + PET hybrid plastic is used to provide intraoral durability and aesthetic appearance.


For sectional Arch


For brackets cannot be attached case


For heavy crowding


For linguoversion teeth

Open Type

Active wire size : .010 inch ~ .012 inch



Open Type **601-47**



Large Base **601-47LB**

20 ea /PK

Close Type

Active wire size : .010 inch ~ .014 inch



Open Type **601-48**



Large Base **601-48LB**

20 ea /PK

PLASTIC & METAL BUTTONS



Mechanical lock base can be used with any orthodontic adhesive.

601-49 20 ea /PK

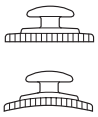


Height is maintained to a minimum and discomfort is reduced. Similar to the Esther MB plastic brackets and Seagull Buttons, PC + PET hybrid plastic is used to provide intraoral durability and aesthetic appearance.

MESH METAL BUTTONS



BONDABLE



Flat Base
(For Anterior Teeth)
Curved Base
(For Molar Teeth)

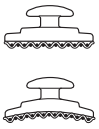


601-01
601-02

20 ea /PK



BONDABLE



Flat Base
(For Anterior Teeth)
Curved Base
(For Molar Teeth)



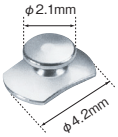
601-04
601-05

20 ea /PK

WELDABLE METAL BUTTONS



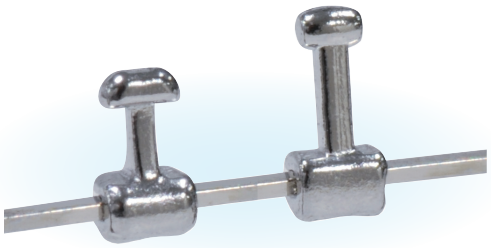
WELDABLE



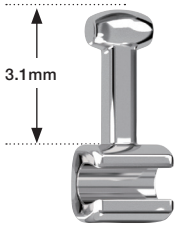
601-19

20 ea /PK

OPEN SURGICAL HOOK



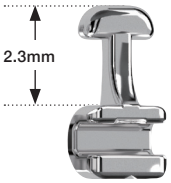
Open Surgical Hooks can be easily crimped in the oral cavity using the special Tomy Surgical Hook Plier (801-4008).
Can be used for a wide range of other application such as hooks for intermaxillary fixation. .018 or .022 dual usage.



601-39
10 ea /PK

601-39B
100 ea /PK

short type



601-59
10 ea /PK

601-59B
100 ea /PK

SURGICAL HOOK PLIER



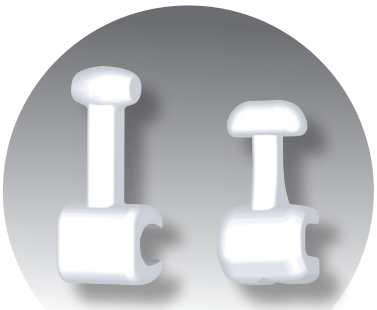
Special design of the Surgical Hook Plier's tip reduces wire distortion when crimping in the oral cavity.

801-4008



PEN Coated OPEN SURGICAL HOOK





601-39C
10 ea /PK

601-59C
10 ea /PK

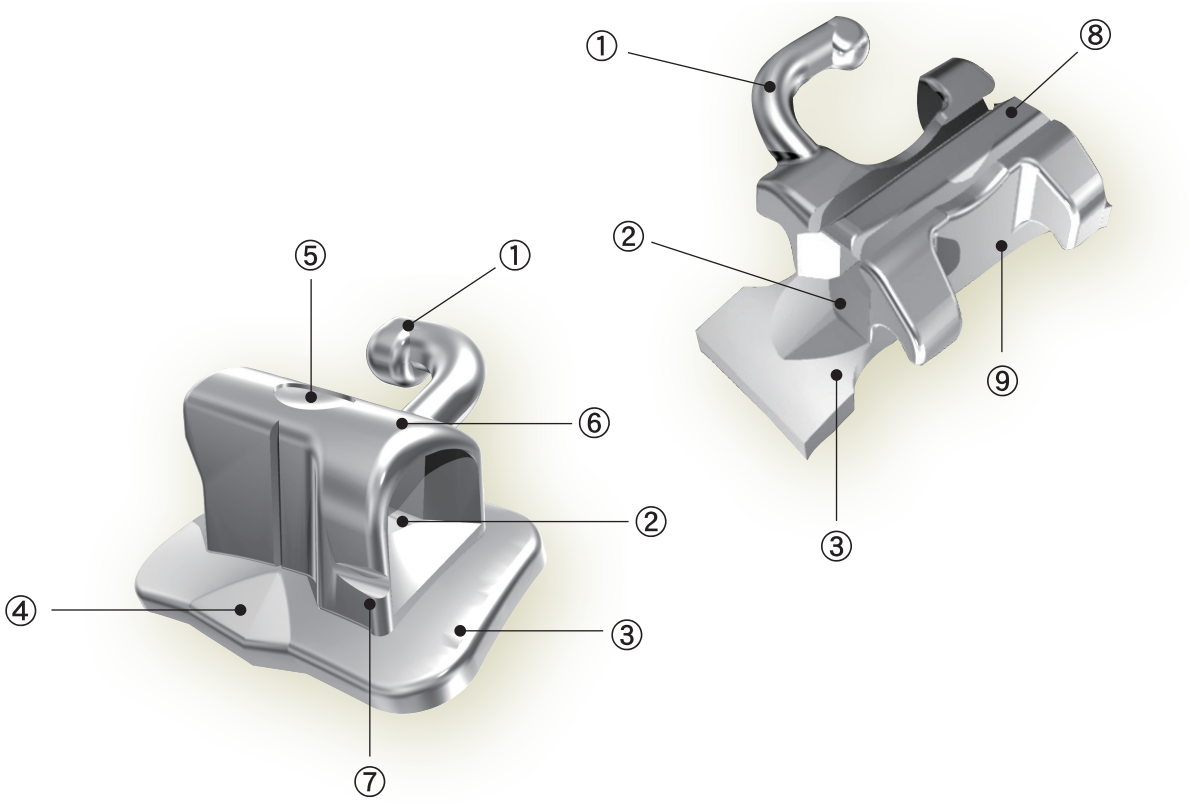
When used in conjunction with aesthetic brackets, white wires, and peak coat wires, it creates an overall whiter appearance in the mouth.



PREADJUSTED BUCCAL TUBES

TUBE DESCRIPTION

TOMY buccal tubes feature a combination of proprietary technology and know-how. Production lines that use a metal injection molding (MIM) method further improve the precision of these tubes. The smooth shape and low profile reduce patient discomfort, and ball hooks prevent the damage that can occur to soft tissue when using elastics. In addition, the embedded convertible cap maintains suitable strength, allowing wires to be inserted easily in the wide insertion areas. These buccal tubes offer the high quality that you have come to expect from **TOMY**.



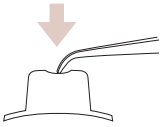
① Hooks are specially designed to reduce interference with gingiva and improved operability.

② Widely chamfered insertion areas for easy wire insertion.

③ Torque in base.

④ Compound contour base to fit tooth.

⑤ The dimple is designed by TOMY for easy crimping with tweezers during bonding. When tack welding, the dimple prevents the tip of the electrode from slipping.



⑥ Low profile for patient's comfort.

⑦ For secured ligation that prevents ligature wire from sliding and blocking the wire slot during archwire insertion.

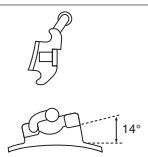
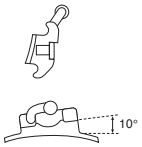
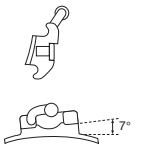
⑧ Convertible cap peels off more smoothly.

⑨ Flat sides for holding with tweezers easily.

Convertible Single Tubes



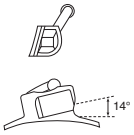
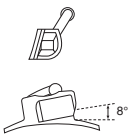
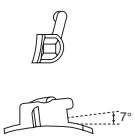
WELDABLE

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper 1st Molars 6 | 6	Formula-R 	-10°	0°	14°D	3.8	L	W9010-607L	W9010-608L
						R	W9010-607R	W9010-608R
	Formula-M 	-14°	0°	10°D	3.8	L	W9050-607L	W9050-608L
						R	W9050-607R	W9050-608R
	Universal 	-10°	0°	7°D	3.8	L	W9080-607L	W9080-608L
						R	W9080-607R	W9080-608R

10 ea /PK



WELDABLE

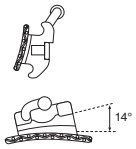
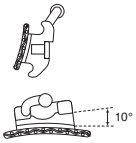
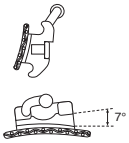
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper 2nd Molars 7 | 7	Formula-R 	-14°	0°	14°D	3.6	L	W9010-701L	W9010-702L
						R	W9010-701R	W9010-702R
	Formula-M 	-19°	0°	8°D	3.6	L	W9050-703L	W9050-704L
						R	W9050-703R	W9050-704R
	Universal 	-10°	0°	7°D w/Distal Extension	4.0	L	W9020-701L	W9020-702L
						R	W9020-701R	W9020-702R

10 ea /PK

Convertible Single Tubes



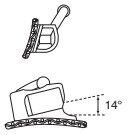
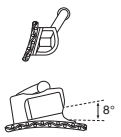
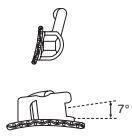
BONDABLE

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper 1st Molars 6 | 6	Formula-R 	-10°	0°	14°D	3.8	L	**9010-607L**	**9010-608L**
						R	**9010-607R**	**9010-608R**
	Formula-M 	-14°	0°	10°D	3.8	L	**9050-607L**	**9050-608L**
						R	**9050-607R**	**9050-608R**
	Universal 	-10°	0°	7°D	3.8	L	**9080-607L**	**9080-608L**
						R	**9080-607R**	**9080-608R**

10 ea /PK



BONDABLE

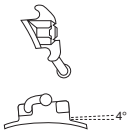
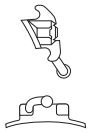
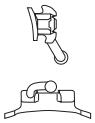
		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Upper 2nd Molars 7 | 7	Formula-R 	-14°	0°	14°D	3.6	L	**9010-701L**	**9010-702L**
						R	**9010-701R**	**9010-702R**
	Formula-M 	-19°	0°	8°D	3.6	L	**9050-703L**	**9050-704L**
						R	**9050-703R**	**9050-704R**
	Universal 	-10°	0°	7°D w/Distal Extension	4.0	L	**9020-701L**	**9020-702L**
						R	**9020-701R**	**9020-702R**

10 ea /PK

Convertible Single Tubes



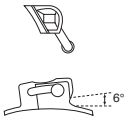
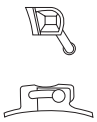
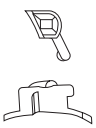
WELDABLE

			Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower 1st Molars									
6 | 6	Formula-R		-25°	0°	4°D	3.8	L	W9040-615L	W9040-616L
							R	W9040-615R	W9040-616R
	Formula-M		-20°	0°	0°	3.8	L	W9050-611L	W9050-612L
							R	W9050-611R	W9050-612R
	Universal		-10°	0°	0°	3.8	L	W9080-617L	W9080-618L
							R	W9080-617R	W9080-618R

10 ea /PK



WELDABLE

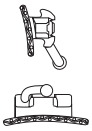
			Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower 2nd Molars									
7 | 7	Formula-R		-30°	0°	6°D	3.6	L	W9010-711L	W9010-712L
							R	W9010-711R	W9010-712R
	Formula-M		-10°	0°	0°	3.6	L	W9080-717L	W9080-718L
							R	W9080-717R	W9080-718R
	Universal		-25°	0°	0° w/Distal Extension	4.0	L	W9020-711L	W9020-712L
							R	W9020-711R	W9020-712R

10 ea /PK

Convertible Single Tubes



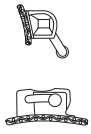
BONDABLE

			Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower 1st Molars									
6 | 6	Formula-R		-25°	0°	4°D	3.8	L	9040-615L	9040-616L
							R	9040-615R	9040-616R
	Formula-M		-20°	0°	0°	3.8	L	9050-611L	9050-612L
							R	9050-611R	9050-612R
	Universal		-10°	0°	0°	3.8	L	9080-617L	9080-618L
							R	9080-617R	9080-618R

10 ea /PK



BONDABLE

			Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
Lower 2nd Molars									
7 | 7	Formula-R		-30°	0°	6°D	3.6	L	9010-711L	9010-712L
							R	9010-711R	9010-712R
	Formula-M		-10°	0°	0°	3.6	L	9080-717L	9080-718L
							R	9080-717R	9080-718R
	Universal		-25°	0°	4°D	4.0	L	9020-711L	9020-712L
							R	9020-711R	9020-712R
					w/Distal Extension				

10 ea /PK

PREADJUSTED BUCCAL TUBES
TITANIUM TUBES

Tomy's Titanium tubes are crafted from highly biocompatible materials, these tubes are particularly beneficial for individuals with metal allergies.
Additionally, their non-magnetic properties ensure that they do not interfere with MRI scans, eliminating the need for removal if an MRI is required.

Nickel Free

Convertible Single Tubes INTEGRAL TYPE

BONDABLE

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
1st Molars 6|6 6|6		-15°	0°	0°	3.8	Up(L)/Lo(R)	**9088-607L**	**9088-608L**
						Up(R)/Lo(L)	**9088-607R**	**9088-608R**

10 ea /PK

NON - Convertible Single Tubes D-TUBE TYPE

BONDABLE

		Torque, Degrees	Angu., Degrees	Offset, Degrees	Span. mm	Left/ Right	.018"Slot	.022"Slot
2nd Molars 7|7 7|7		-15°	0°	0°	3.6	Up(L)/Lo(R)	**9088-701L**	**9088-702L**
						Up(R)/Lo(L)	**9088-701R**	**9088-702R**

10 ea /PK

SERIES-1 Molar Bands

Right & Left



- SERIES-1 Molar bands has clear and distinguish markings between Right & Left, Upper & Lower.
- Size number at mesial, side from No.1 to No.30.

UL19

Quadrant and Size

Molar Right & Left

For Upper





For Lower





	Upper	Lower
	7 6 | 6 7	7 6 | 6 7
TRIAL KIT 100 bands (R&L. Size No.1～No.30)	**305-00** 100 ea /KIT	**306-00** 100 ea /KIT
STARTER KIT 200 bands (R&L. Size No.1～No.30)	**305-01** 200 ea /KIT	**306-01** 200 ea /KIT
MASTER KIT 400 bands (R&L. Size No.1～No.30)	**305-02** 400 ea /KIT	**306-02** 400 ea /KIT

REFILL

Upper Refill	(R&L. Size No.1～No.30)	Left Right	**344-01~30** **345-01~30**	5 ea /PK
Lower Refill	(R&L. Size No.1～No.30)	Left Right	**346-01~30** **347-01~30**	5 ea /PK

Band Kit Contains

Band size	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Right & Left total
Trial	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	100 ea /KIT
Starter	4	4	4	4	4	4	4	6	6	6	8	8	8	8	8	10	10	10	10	10	8	8	8	8	8	6	6	4	4	4	200 ea /KIT
Master	8	8	8	8	8	8	8	12	12	12	16	16	16	16	16	20	20	20	20	20	16	16	16	16	16	12	12	8	8	8	400 ea /KIT

TOMY PAK
WHITE WIRE
SENTALLOY® 10 PACK
Super Elastic Nickel Titanium Wire

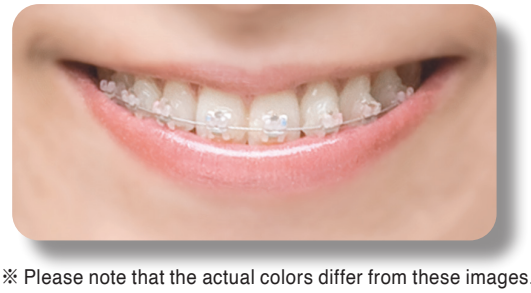
WHITE WIRE for even less visible correction

This rhodium-coated arch wire gives a clean look while maintaining the characteristics of the conventional wire.

The highly reflective metallic characteristics and diffuse light reflection of rhodium are what gives white wire its white tone.

The rhodium coating is extremely durable. There is no need to concern wire coating being chipped or peeled during brushing. It will also not be discolored while eating.

Clippy-C + White Wire



※ Please note that the actual colors differ from these images.

WHITE WIRE (SENTALLOY , NEO SENTALLOY)

It's sliding performance and super-elasticity are equivalent to those of the conventional Ni-Ti wire. It's rhodium coating film is very thin hence does not affect optimal wire performance.

Sentalloy White



WIRE DIA Inches (mm)		Accu Form Upper	Accu Form Lower
.012 (0.30)	Medium(Yellow)	511-10C	511-60C
.014 (0.36)	Medium(Yellow)	511-11C	511-61C
.016 (0.41)	Medium(Yellow)	511-12C	511-62C
.018 (0.46)	Medium(Yellow)	511-13C	511-63C

10 ea /PK

Neo Sentalloy White



WIRE DIA Inches (mm)	Accu Form Upper	Accu Form Lower
.016 × .016 (0.41 × 0.41)	523-11C	523-61C
.016 × .022 (0.41 × 0.56)	523-12C	523-62C
.017 × .025 (0.43 × 0.64)	523-13C	523-63C
.018 × .018 (0.46 × 0.46)	523-14C	523-64C
.018 × .025 (0.46 × 0.64	523-15C	523-65C
.019 × .025 (0.48 × 0.64)	523-16C	523-66C
.020 × .020 (0.51 × 0.51)	523-17C	523-67C

10 ea /PK

WHITE WIRE (STAINLESS STEEL ACCU LONG)

The rhodium coating film is extremely thin, allowing normal wire bending.
Of course, there is no need to worry about the coating coming off.
The length of the Accu Long Form is 15mm longer on each side to allow Omega Loops foe Tiebacks.

Stainless White Accu Long



WIRE DIA Inches (mm)		Accu Long Form Upper	Accu Long Form Lower
.016 (0.41)		5510-02C	5510-52C
.018 (0.46)		5510-03C	5510-53C
.016×.016	(0.41×0.41)	5530-01C	5530-51C
.016×.022	(0.41×0.56)	5530-02C	5530-52C
.017×.025	(0.43×0.64)	5530-03C	5530-53C
.018×.025	(0.46×0.64)	5530-05C	5530-55C
.019×.025	(0.48×0.64)	5530-06C	5530-56C
★.019×.022	(0.48×0.56)	5530-09C	5530-59C

KEY POINT
Designed for use with the .022" Clippy series.
The wire can be kept in an interactive sliding state.

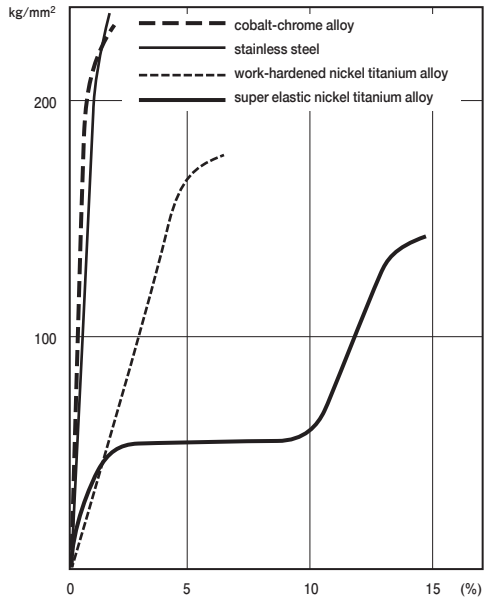
10 ea /PK

ARCH WIRES

Sentalloy wires represent the pinnacle of developement in Nickel Titanium archwire technology.
Sentalloy's unique super-elastic and shape-memory qualities combine to produce predictable and continuous light forces which help reduce chair and treatment times while improving patient comfort.

Sentalloy wires out-perform all other nickel titanium wires. Most other NiTi wires are made from work-hardened alloys and although they have lower moduli of elasticity than stainless steel and cobalt chrome wires(refer to the stress-strain graph), their forces vary in proportion to the degree of deflection.
Sentalloy wires produce constant forces over a wide range of deflection(see Load-Deflection curves overleaf) The most recent development in Sentalloy wires; Bioforce Sentalloy is revolutionary in the sphere of NiTi wires. Not only does the wire produce optimal biological forces, it's forces delivered by each segment of the archwire also differ according to the correct amount of force required for the movement of each tooth.

Stress-Strain Curve

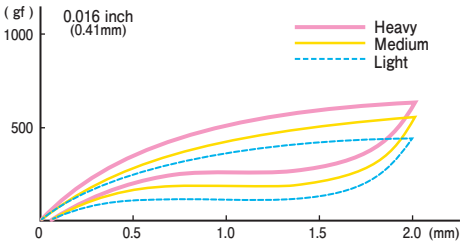


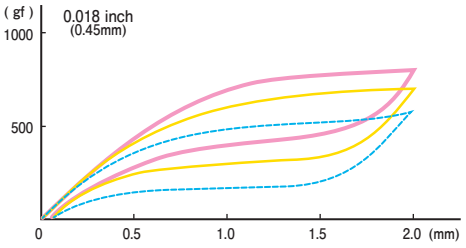
This graph shows each wire's tensile test results. The sentalloy archwire is compared to chrome-cobalt and stainless steel wires which both have low moduli of elasticity. With increased stress Sentalloy maintains its super-elasticity, whereas the other wires show marked differences in their curves. In short, stress remains constant when strain is increased even when strain is extended from 2% to 8%.

PLEASE NOTE :
Sentalloy archwires are thermodynamic and becomes active at 34 degrees Celsius. Although Sentalloy wires may appear to take a permanent bend at room temperature, they will resume the correct arch shape when placed in the mouth.

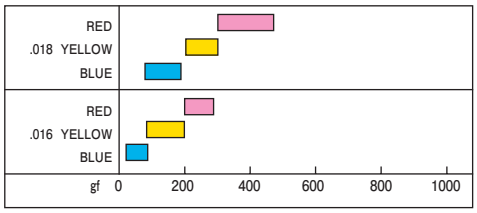
Load Deflection Curve by Three Prong Bend Test

This graph shows the load-deflection curve for each diameter and type of Sentalloy arch wire after introducing a 2mm deformation across a 14mm span at 37℃





Super Elasticity Range



The graph shows the deflection curve for each diameter and type of Sentalloy arch wire after introducing a 2mm deformation across a 14mm span at 37℃.

SENTALLOY Super Elastic Nickel Titanium Alloy

ARCH WIRES



- Low friction-Sentalloy wires have extremely smooth,polished surfaces minimizing friction between the bracket slot and the archwire,thus faclitating quick and comfortable tooth movement.
- "Optimal force-Continuous light forces maximize the activity of osteoclasts and osteoblasts,creating ideal biological conditions for tooth movement.
- Versatility-There is a suitable wire for every purpose.Round wires are available in five different dimensions and rectangular wires in six dimensions,furthermore,each type of wires is available with differing force values:light,medium and heavy for round,and heavy for rectangular.The optimal orthodontic force can therefore be chosen to meet requirements of each patient.

Round Arch





WIRE DIA Inches (mm)		Upper	Lower
.012 (0.30)	Light (Blue)	———	———
	Medium (Yellow)	**511-10**	**511-60**
	Heavy (Red)	———	———
.014 (0.36)	Light (Blue)	**511-01**	**511-51**
	Medium (Yellow)	**511-11**	**511-61**
	Heavy (Red)	**511-21**	**511-71**
.016 (0.41)	Light (Blue)	**511-02**	**511-52**
	Medium (Yellow)	**511-12**	**511-62**
	Heavy (Red)	**511-22**	**511-72**
.018 (0.46)	Light (Blue)	**511-03**	**511-53**
	Medium (Yellow)	**511-13**	**511-63**
	Heavy (Red)	**511-23**	**511-73**
.020 (0.51)	Light (Blue)	**511-04**	**511-54**
	Medium (Yellow)	**511-14**	**511-64**
	Heavy (Red)	**511-24**	**511-74**

10 ea /PK

NEO SENTALLOY
Super Elastic
Nickel Titanium Alloy

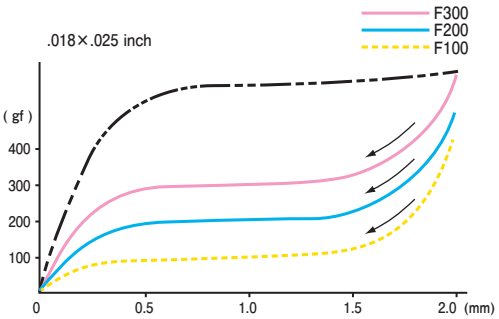
ARCH WIRES

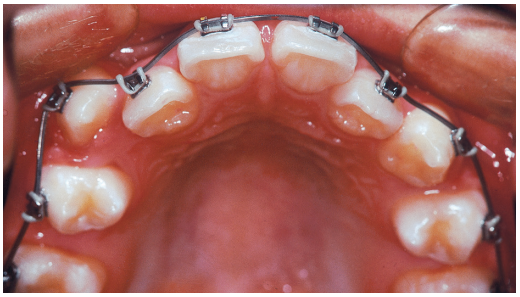
Neo Sentalloy, with its extraordinary super-elastic qualities, is the ideal archwire.
It efficiently affects tooth movement with constant gentle forces until the finish.

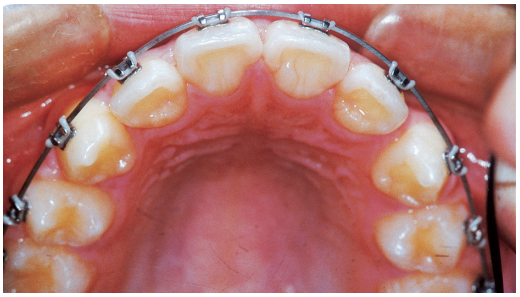
Neo Sentalloy is a revolutionary archwire which will significantly help reduce chairside and treatment time. Neo-Sentalloy is a full-sized rectangular initial archwire. It is so soft and flexible that it can be ligated into severly malposed teeth with complete confidence, allowing you to gain the benefit of the activations in your brackets from day one. In adults, even if the periodontium is compromised, Neo-Sentalloy can be used with confidence. It is also ideal for use with ceramic brackets, or for mandibular anterior teeth where the inter-bracket distance is small. Tooth movement is further facilitated by the low-friction qualities of the wire. Unlike braided wire which can fray when cut, Neo-Sentalloy will not trap food debris. Neo-Sentalloy wires are available in eight dimensions. Each wire size comes in three colour-coded force levels ranging from 80 to 300 grams allowing you to select the appropriate wire for each patient's needs.

Load Deflection Curve by Three Prong Bend Test

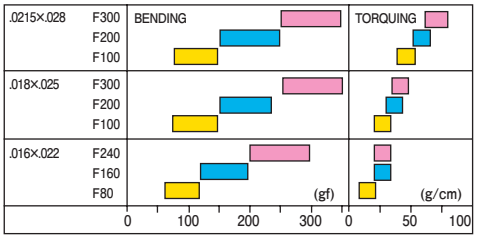
This graph illustrates the retraction forces of the three different grades of Neo-Sentalloy after introducing a 2 mm deformation across a 14 mm span at 37℃ .







Super Elasticity Range



The above graph demonstrates a 2 mm deformation across a 14 mm span at 37℃ .

The graph also demonstrates the super elasticity range across a 5 mm span,after applying a 10 degree torque.

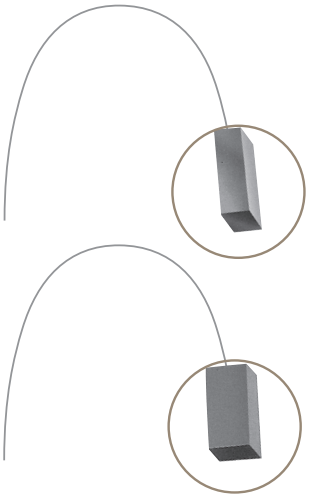
PLEASE NOTE :
Neo-Sentalloy archwires are thermodynamic and becomes active at 34 degrees Celsius.
Although Neo-Sentalloy wires may appear to take a permanent bend at room temperature, they will resume the correct arch shape when placed in the mouth.

NEO SENTALLOY Super Elastic Nickel Titanium Alloy

ARCH WIRES



- This extremely soft rectangular wire can also be used as initial wire. Three-dimensional control is possible from the initial period of treatment.
- There is nearly no elasticity when used at low temperature. With this properties, it allows to be applied to cases of severe crowding.
- In adults, even if the periodontium is compromised, Neo-Sentalloy can be used with confidence.
- The surface finishing is extremely smooth in comparison with other conventional Ti-Ni alloy wires, resulting in little friction with the bracket slots and smooth tooth movement.



WIRE DIA Inches (mm)	Force	Accu Form Upper	Accu Form Lower
.016 x .016 (0.41 x 0.41)	F80 (Black)	523-01	523-51
	F160 (Green)	523-11	523-61
	F240 (White)	523-21	523-71
.016 x .022 (0.41 x 0.56)	F80 (Black)	523-02	523-52
	F160 (Green)	523-12	523-62
	F240 (White)	523-22	523-72
.017 x .025 (0.43 x 0.64)	F100 (Black)	———	———
	F200 (Green)	523-13	523-63
	F300 (White)	———	———
.018 x .018 (0.46 x 0.46)	F100 (Black)	———	———
	F200 (Green)	523-14	523-64
	F300 (White)	———	———
.018 x .025 (0.46 x 0.64)	F100 (Black)	523-05	523-55
	F200 (Green)	523-15	523-65
	F300 (White)	523-25	523-75
.019 x .025 (0.48 x 0.64)	F100 (Black)	———	———
	F200 (Green)	523-16	523-66
	F300 (White)	———	———
.020 x .020 (0.51 x 0.51)	F100 (Black)	———	———
	F200 (Green)	523-17	523-67
	F300 (White)	———	———
.0215 x .028 (0.55 x 0.71)	F100 (Black)	523-08	523-58
	F200 (Green)	523-18	523-68
	F300 (White)	———	———

10 ea /PK

ARCH WIRES

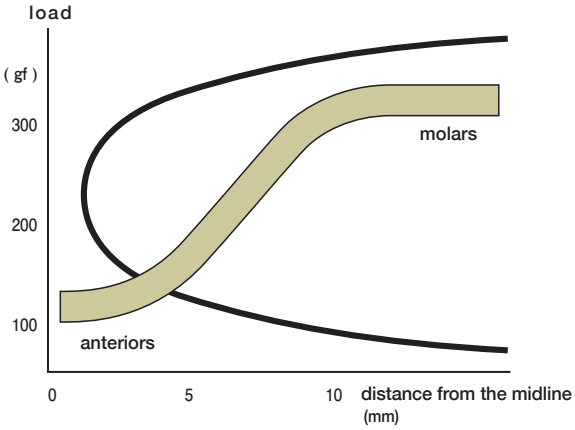
What makes the super Elastic NiTi arch wire-Bio Force Sentalloy-special ?
Amazingly enough, its orthodontic force varies with the point on the arch such as 100-150 grams for anteriors, 150-250 grams for laterals and 250-350 grams for molars. In a nutshell, BioForce Sentalloy can provide optimal three dimensional biological force to each tooth when at body temperature.

BioForce Sentalloy is the biological arch wire with orthodontic forces that gradually increase toward the posteriors. It releases the relatively weak orthodontic force to the small dental arch while exerting the strong one to molars in the large arch.

There is no orthodontic force break around cuspids due to the continuous increase of orthodontic force. Orthodontic force break, a so-called "discontinuous point", may cause failure such as unexpected bodily movement and arch wire breakage.

For the first time, anterior crowding space closure of cuspids, bicuspids and the anchorage effect of a molar can be treated by a single wire.

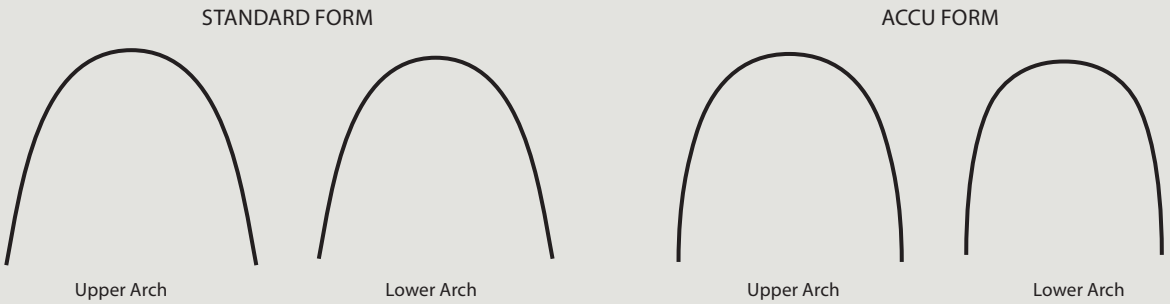
■ Recovery strength after three point bending



The graph demonstrates the recovery strength of respective zones after a 2 mm three point bending test across a 14mm span at body temperature. As shown on the graph, the orthodontic force for anteriors is 100-150 grams and 300-350 grams for molars.
This variety of orthodontic force provides the optimal force to each tooth.

ARCH WIRE FORM

SENTALLOY / NEO SENTALLOY / BIOFORCE SENTALLOY / L&H TITAN

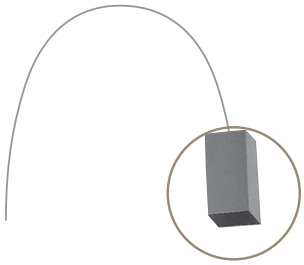


BIOFORCE SENTALLOY Super Elastic Nickel Titanium Alloy

ARCH WIRES



- With anteriors, despite crowding or rotation, wire ligation can be easily performed since Bioforce Sentalloy releases an ideal orthodontic force equal to that of F100 Neo Sentalloy. This low near constant force can also diminish treatment discomfort.
- With cuspids and bicuspids, BioForce maintains the orthodontic force equal to F200 Neo Sentalloy, which can minimize tipping and rotation during space closure.
- With molars, the anchorage effect can be secured due to its orthodontic force equal to F300 Neo Sentalloy. Accordingly, replacement of an arch wire is rarely necessary until detailing is needed.





WIRE DIA Inches (mm)	Accu Form Upper	Accu Form Lower
.016 x .016 (0.41 x 0.41)	528-01	528-51
.016 x .022 (0.41 x 0.56)	528-02	528-52
.018 x .018 (0.46 x 0.46)	528-04	528-54
.018 x .025 (0.46 x 0.64)	528-05	528-55
.019 x .025 (0.48 x 0.64)	528-06	528-56
.020 x .020 (0.51 x 0.51)	528-07	528-57
.0215 x .028 (0.55 x 0.71)	528-08	528-58

10 ea /PK

L&H TITAN Nickel Titanium Alloy

ARCH WIRES

'Super-elastic Ni-Ti Alloy Wire' is widely used by clinical orthodontic treatments because it has excellent elasticity that maintains the load-deflection curve. Usually this kind of wire demonstrates elasticity by changing its crystal structure from austenitic to martensitic phase when altered by force .Although it has 'shape memory' function, this wire does change its shape when the temperature changes. Patients wearing the 'Super-elastic wire' reported that the wire gets tighter when they have hot drinks such as coffee or tea. Outside influences such as food that raise the intra-oral temperature above the normal 37˚C setting will over-exert the orthodontic force. In order to solve this problem, we changed the heat treatment temperature and time of the pre-existing Ni-Ti Alloy Wire, and used a special heat treatment that allows stabilized orthodontic force to be exerted. As a result, we are introducing a new arch-wire that will not be affected by intra-oral temperature change and has a low hysteresis (differences between loaded and unloaded cases)

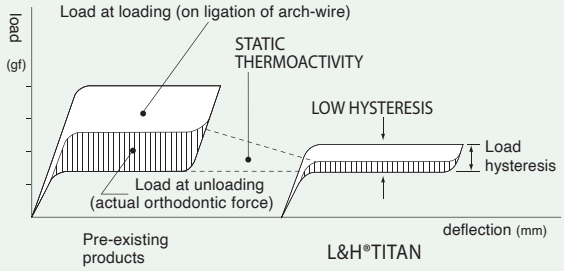
Static Thermoactivity

Compare to pre-existing Ni-Ti wires, the new Ni-Ti arch-wire has a 17% narrower range of load change when intra-oral temperature changes. Therefore, it is possible to keep the orthodontic force to a constant level during active treatment.

Low Hysteresis

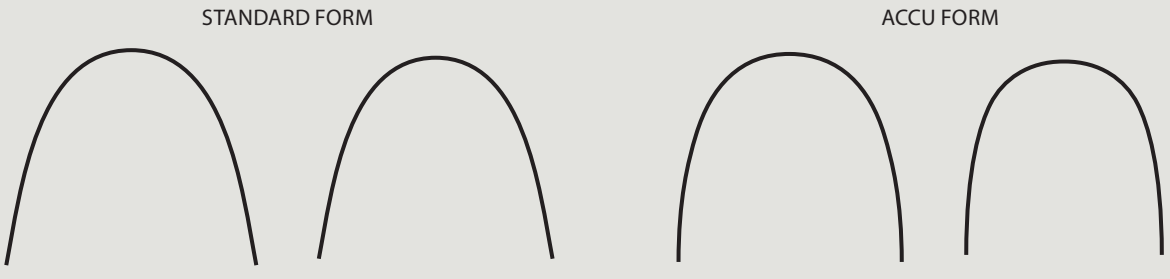
Compare to pre-existing products, it has become possible to reduce load hysteresis by 50% in the new products. Ligation work has become easier with the new wire because reaction force is delayed at the time of arch wire insertion (please refer to the load-deflection graph on the left)

Reference provided by: Orthodontic Science Graduate School, Tokyo Medical and Dental University



ARCH WIRE FORM

SENTALLOY / NEO SENTALLOY / BIOFORCE SENTALLOY / L&H TITAN

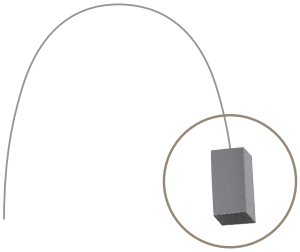


L&H TITAN Nickel Titanium Alloy

ARCH WIRES



- This special heat treated super-elastic Ni-Ti alloy wire will not be affected with temperature changes in the mouth due to hot or cold drinks hence allowing stable orthodontic forces to work effectively.
- Due to its low hysteresis, reaction force is delayed at the time of arch wire insertion, this allows ligation works to be much easier.
- Extremely smooth surface finish of the wire minimizes friction.



WIRE DIA Inches (mm)	Standard Upper	Standard Lower	Accu Form Upper	Accu Form Lower
.016 x .022 (0.41 x 0.56)	524-12	524-62	525-12	525-62
.018 x .025 (0.46 x 0.64)	524-15	524-65	525-15	525-65
.020 x .025 (0.51 x 0.64)	524-19	524-69	525-19	525-69

10 ea /PK

SOARER-XR

(two pairs of pliers included)

901-0401



Our Super-elastic Ni-Ti alloy, L&H Titan and Sentalloy, has a superior spring-back feature, therefore, the pre-existing method of bending and modifying arch-wires by pliers or by fingers in room temperature had been difficult. However, when the super-elastic Ni-Ti Alloy is heated to about 500°C, the shape can be modified and it has the property to 'memorize' the shape altered. Our Soarer-XR made use of this property and made it easier to modify the Ni-Ti alloy wire. (Note: DERHT method) This is a method which electricity pass through the wire directly, and the shape can be altered when the resistance heat is produced. Soarer-XR does not damage he superior spring-back feature of L&H Titan and Sentalloy, therefore, doctors will find it to be very beneficial for clinical use.

Note : DERHT method=the direct electric resistance heat treatment method

- The instrument is equipped with CPU for efficient and reliable performance.
- Applicable to a world-wide line voltage. (AC100 - 240V, 50/60Hz)
- ON/OFF heat activation with a non-contact infra-red sensor.

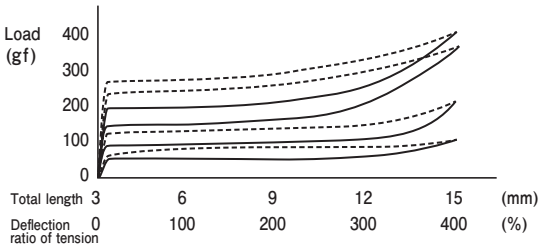
COIL SPRINGS

Due to their exceptional super-elasticity, Sentalloy coil springs simplify and accelerate the opening and closure of inter-proximal spaces by maintaining a constant force without the need for re-activation.

- There is no permanent deformation. This makes activation unnecessary.
- The characteristics of the super-elastic Ni-Ti alloy provide a uniform force regardless of tooth movement distance. (Characteristics within the effective range.)

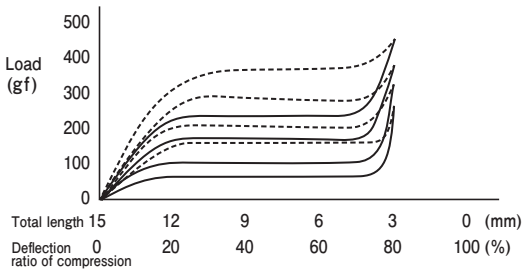
Load-Deflection Curve of Closed Coil Spring

The initial effective length is 3mm.
The length can be stretched to 15mm without permanent wire deformation. The graph shows the force delivered as the spring retracts from the stretched length of 15mm, to the original length of 3mm. Throughout the 12mm movement, the force remains almost constant and will not decrease even when the spring returns to the original position due to pretension.



Load-Deflection Curve of Open Coil Spring

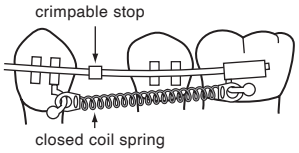
The initial free length is 15 mm and the compressed length of 3 mm, the spring can be extended to 12 mm. Over this 9 mm range, the spring can deliver an almost constant force without permanent deformation of the coil. (The "initial free length" is the distance from end to end before the spring is activated.)



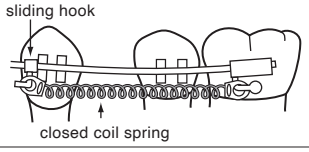
Using the Closed Coil Spring

Canine Retraction

1. Connect the Accupost of the cuspid bracket to the buccal tube hook using a closed coil spring.

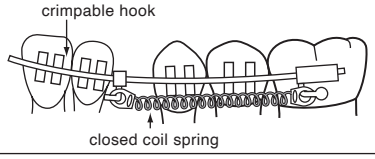


2. Set the sliding hook on the mesial side of the canine. The hook must be allowed to move along the archwire. Attached the closed coil spring to connect the sliding hook and the first molar hook.



Anterior Retraction

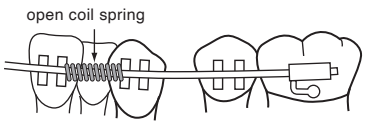
Crimp the sliding hook distal of the lateral(using the sliding hook as a tieback hook) Attach the closed coil spring to connect the tieback hook and the first molar hook.



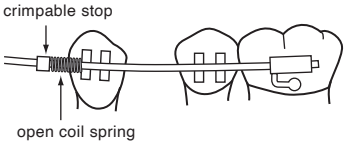
Using the Open Coil Spring

Canine Retraction

1. Set the open coil spring between the central incisor and the canine.

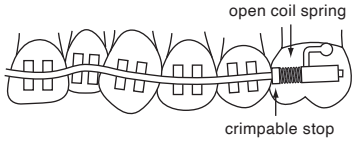


2. Crimp the stop tube mesial to the canine and activate the coil spring.



Unravelling the Anteriors while Distalizing the Molar

Set the open coil spring mesial of the first molar, crimp the stop tube and activate.



COIL SPRINGS

Open Coil Springs (Compression Coils)



	LOAD (gf)	WIRE DIA Inches (mm)	ARBOR DIA Inches (mm)	
Extra Light (Black)	50g	.009 (0.23)	.036 (0.9)	**509-10**
Light (Blue)	100g	.010 (0.26)	.036 (0.9)	**509-11**
Medium (Yellow)	150g	.010 (0.26)	.036 (0.9)	**509-12**
Heavy (Red)	200g	.011 (0.28)	.036 (0.9)	**509-13**

10 ea /PK

Closed Coil Springs (Tension Coils)



	LOAD (gf)	WIRE DIA Inches (mm)	ARBOR DIA Inches (mm)	
Ultra Light (Purple)	25g	.009 (0.23)	.036 (0.9)	**509-29**
Extra Light (Black)	50g	.009 (0.23)	.036 (0.9)	**509-20**
Light (Blue)	100g	.009 (0.23)	.036 (0.9)	**509-21**
Medium (Yellow)	150g	.010 (0.26)	.036 (0.9)	**509-22**
Heavy (Red)	200g	.010 (0.26)	.036 (0.9)	**509-23**

10 ea /PK

Closed Coil Springs,w/Ligature (Tension Coils)



	LOAD (gf)	WIRE DIA Inches (mm)	ARBOR DIA Inches (mm)	
Light (Blue)	100g	.009 (0.23)	.036 (0.9)	**509-31**
Medium (Yellow)	150g	.010 (0.26)	.036 (0.9)	**509-32**
Heavy (Red)	200g	.010 (0.26)	.036 (0.9)	**509-33**

10 ea /PK

Stop Wound Coil Springs (Compression Coils)



	LOAD (gf)	WIRE DIA Inches (mm)	ARBOR DIA Inches (mm)	
Light (Blue)	100g	.010 (0.26)	.036 (0.9)	**509-41**
Medium (Yellow)	150g	.010 (0.26)	.036 (0.9)	**509-42**
Heavy (Red)	200g	.011 (0.28)	.036 (0.9)	**509-43**

185 mm length 2 ea /PK

Spooled Open coils



	LOAD (gf)	WIRE DIA Inches (mm)	ARBOR DIA Inches (mm)	
Ultra Light (Pink)	25g	.009 (0.23)	.036 (0.9)	**509-69**
Light (Blue)	100g	.010 (0.26)	.036 (0.9)	**509-61**
Medium (Yellow)	150g	.010 (0.26)	.036 (0.9)	**509-62**

38 cm /SPOOL



PEAK-COAT

PEEK (Polyether ether Ketone)

PEEK is a colorless organic thermoplastic polymer which has excellent mechanical and chemical resistant properties, making it an excellent choice for aesthetic orthodontics as it is highly durable and will not stain from food or drink.

Tomy's PEAK-COAT products utilize these excellent PEEK properties that is durable, robust with superior aesthetics appearance that will not stain during the entire treatment time.



PEAK-COAT Twist Tie

Crystaline 7 + BIOFORCE WHITE WIRE



PEAK-COAT KOBAYASHI Twist Tie

Crystaline 7 + BIOFORCE WHITE WIRE



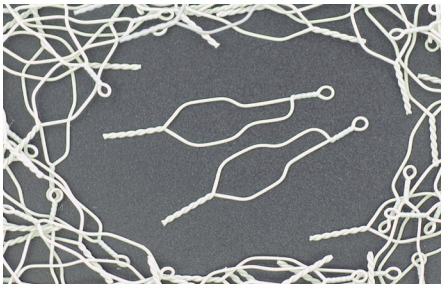
※ Please note that the actual colors differ from these images.



PEAK-COAT Spooled Ligature Wire

WIRE DIA : .011 inch **505-43P**

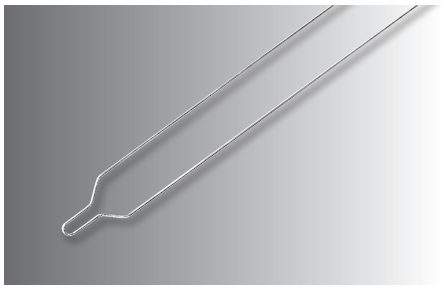
5 m /PK



PEAK-COAT KOBAYASHI Twist Tie

WIRE DIA : .013 inch **506-36P**

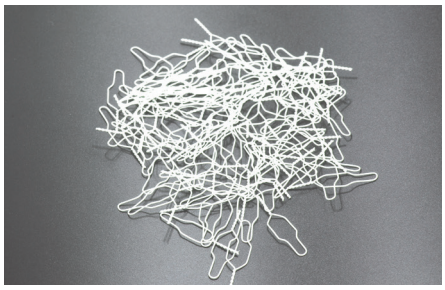
100 ea /PK



PEAK-COAT Preformed Ligature Wire

WIRE DIA : .011 inch **506-03P**

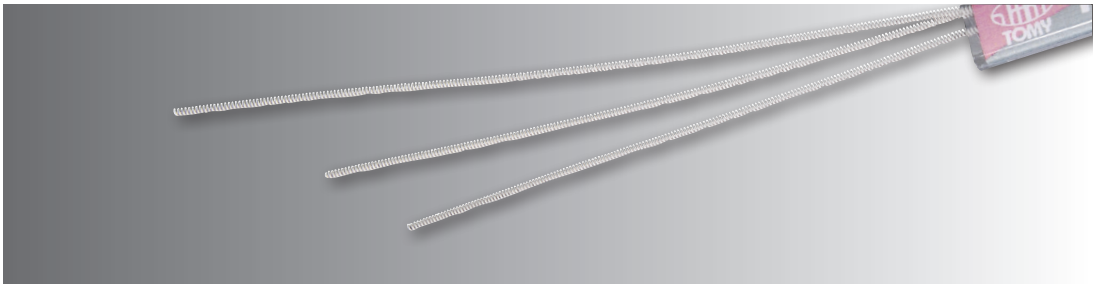
100 ea /PK



PEAK-COAT Twist Tie

WIRE DIA : .011 inch **506-13P**

100 ea /PK

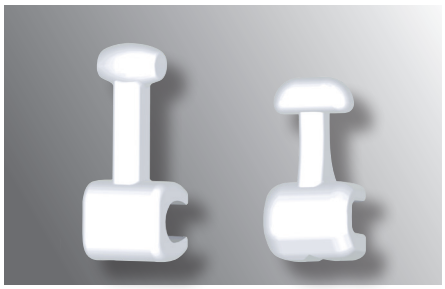


PEAK-COAT SS Open Coil Spring

WIRE DIA : .011 inch

Coil inner DIA: 0.36 inch **508-49P**

355 mm × 3 ea /PK



PEN Coated OPEN SURGICAL HOOK

601-39C 10 ea /PK **601-59C** 10 ea /PK

PEAK-COAT SS Open Coil Spring

Crystaline 7 + BIOFORCE WHITE WIRE



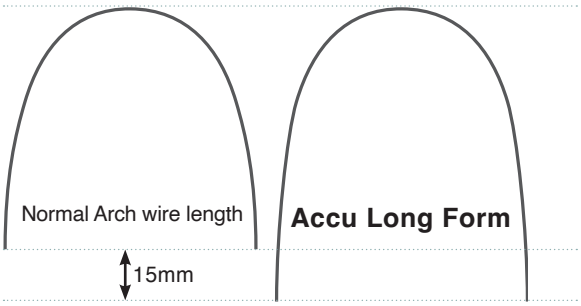
PEN Coated OPEN SURGICAL HOOK

Crystaline 7 + BIOFORCE WHITE WIRE



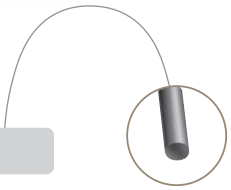
Stainless Steel Arch Wires ACCU LONG FORM





The length of the Accu Long Form is 15mm longer on each side to allow Omega Loops for Tiebacks.

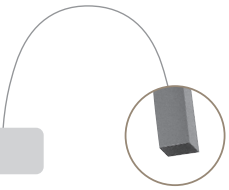
ROUND



WIRE DIA Inches (mm)		Accu Long Form Upper	Accu Long Form Lower
.014	(0.36)	**5510-01**	**5510-51**
.016	(0.41)	**5510-02**	**5510-52**
.018	(0.46)	**5510-03**	**5510-53**

10 ea /PK

SQUARE／RECT.



WIRE DIA Inches (mm)		Accu Long Form Upper	Accu Long Form Lower
.016 × .016	(0.41 × 0.41)	**5530-01**	**5530-51**
.016 × .022	(0.41 × 0.56)	**5530-02**	**5530-52**
.017 × .025	(0.43 × 0.64)	**5530-03**	**5530-53**
.018 × .025	(0.46 × 0.64)	**5530-05**	**5530-55**
.019 × .025	(0.48 × 0.64)	**5530-06**	**5530-56**
.019 × .022	(0.48 × 0.56)	**5530-09**	**5530-59**

10 ea /PK

Multi Strand Wires

Multi Strand Wires 3



Super spring and hard temper for gentle leveling during early treatment stages. Triple stranded twist wire accepts greater deflection before elastic limit is reached. It can also be used as a permanent, bonded lingual retainer wire.

WIRE DIA Inches (mm)	
.0150 (0.38)	**5503-0150**
.0175 (0.44)	**5503-0175**
.0195 (0.50)	**5503-0195**
.0215 (0.55)	**5503-0215**

356 mm length 10 ea /PK

Multi Strand Wires 6



Coaxial twist wire (5wires wrapped around a single core wire) is a super resilient wire that can be bent to a greater degree than ordinary twist wire – without taking a set Its resilience is most apparent with severely malposed cases. It can also be used as a permanent, bonded lingual retainer wire.

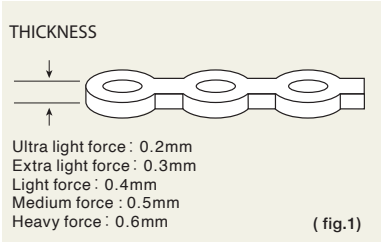
WIRE DIA Inches (mm)	
.0155 (0.39)	**5506-0155**
.0175 (0.44)	**5506-0175**
.0195 (0.50)	**5506-0195**
.0215 (0.55)	**5506-0215**

356 mm length 10 ea /PK

Super Chain

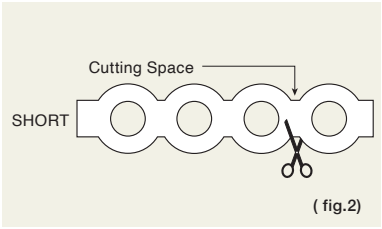


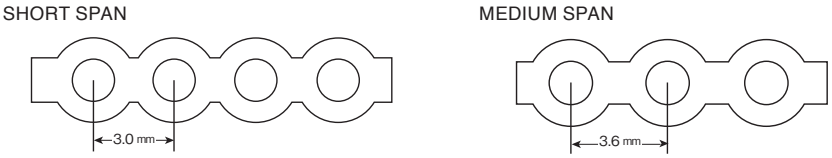
Made from thermosetting polyurethane which has a beneficial effect on enduring strength and colorfast.



	Ultra light force	Extra light force	Light force	Medium force	Heavy force
Short span	**637-90**	**637-00**	**637-10**	**637-20**	**637-30**
Medium span	**637-91**	**637-01**	**637-11**	**637-21**	**637-31**

2 m /SPOOL





- Five thicknesses are available. You can select the optimum form for each case. (See Fig. 1.)
- A cutting space has been made available even on short span types, to prevent chain loss. (See Fig. 2.)
- This model is available only in a clear color variation.

ELASTICTHREAD O-THREAD



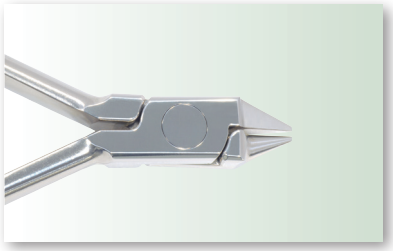
THREAD DIA
Inches (mm) .025 (0.65)

645-25

It is a hollow tube that does not slip and does not untie knots.
It can be used for a wide variety of purposes, including twisting, space closing, and extruding impacted teeth.

ORIGINAL PLIERS

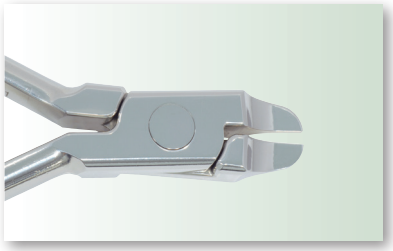
Bird Beak Plier



8010-1001

The bird beak optimized for performance and wear. This plier is used primary for laboratory work. Maximum bending capacity is .030 inch

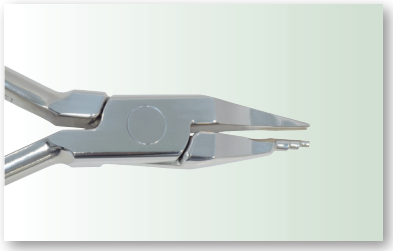
Tweed Arch Bending Plier



8010-1006

Forms offsets and 90˚bends on all types of archwires. Maximum bending capacity is .022x.028 inch.

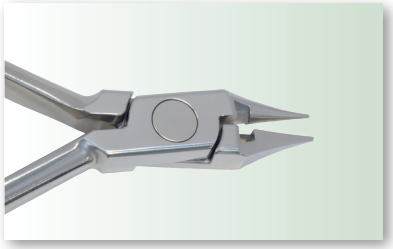
Tweed Loop Forming Plier



8010-1008

Excellent plier for making precise, consistent omega loops as well as complex loops. Maximum bending capacity is .022x.028 inch.

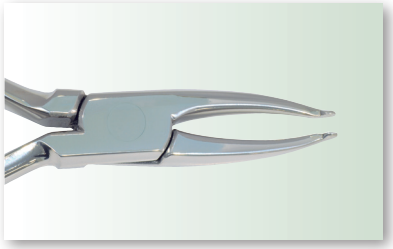
Light Wire Plier with Cutter



8010-1019

Light wire plier with anvil cutter in rear portion of jaws.

How Plier

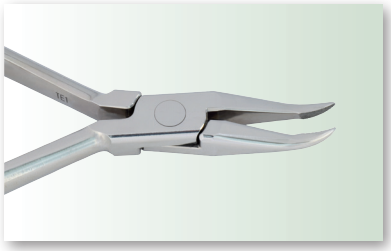


8010-2001

The tip provides superior gripping and can be used for bending U.A and tying ligature wire.

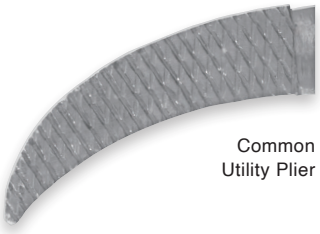
ORIGINAL PLIERS

Utility Plier



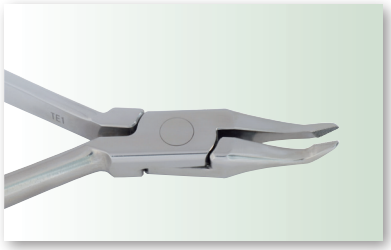
8010-2005

Accurately closing special fine serrated tips make a positioning the arch wire and bending the arch ends.



Common Utility Plier

Weingart Utility Slim Plier



8010-2006

Same usage as 8010-2005. This plier has smaller, shorter, and angled tip compare to 8010-2005.

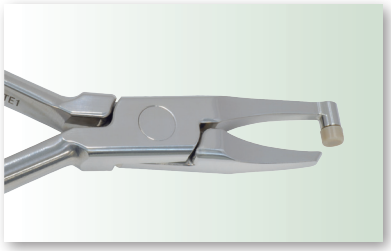


8010-2005



8010-2006

Band Removing Plier



8010-3006

Traditional style band remover. Plastic tip is replaceable for repeated use.

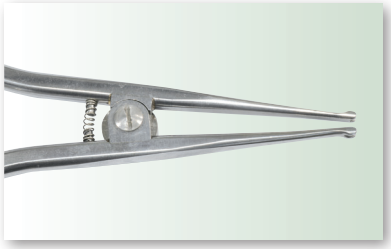
Separating Plier



8010-4003

This instrument for placement of separating elastics has curved beaks to reach to the posterior segment easily.

Ligature Tying Plier Coon



8010-4006

Plier for tying brackets with ligature wires.

ORIGINAL PLIERS

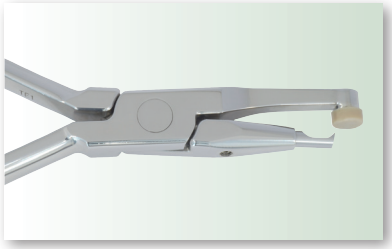
Adhesive Remover



8020-1006

Tip design allows access to remove adhesive in practically any area of the mouth. Carbide removing tip and plastic tips are replaceable for repeat use.

Bracket Remover



8020-3460

Designed for quick and comfortable removal of direct bond brackets. Carbide removing tip is replaceable for repeated use.

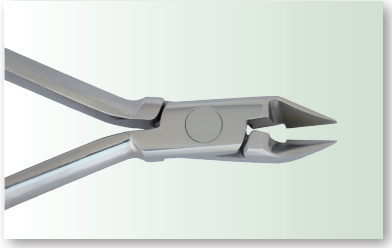
Distal End Cutter



8040-1003

Small design allows for easy access into tight areas. Comfortable for smaller handed individuals. Cuts and holds wire within .022 x .028 inch.

Pin & Ligature Cutter



8040-2002

Mini ligature cutter. Small size and taper allow easy access to pre-molars and molars. Cuts soft materials up to .012 inch.

Wonder Remover



802-1008

This remover enables easy bracket removal. It can be used for debonding various bracket, this remover is especially great for removing of the Clippy-C.

ORIGINAL PLIERS

Cap Removing Plier



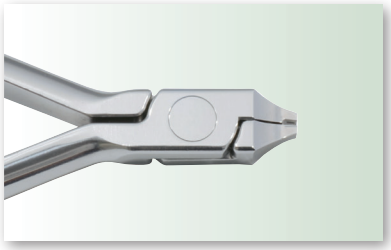
802-1009

For removing convertible caps.





Surgical Hook Plier



801-4008

Special design of the Surgical Hook Plier's tip reduces wire distortion when crimping in the oral cavity.





For 601-39 & 59

Neo Terminal Bend Advance / Cinch Back Plier

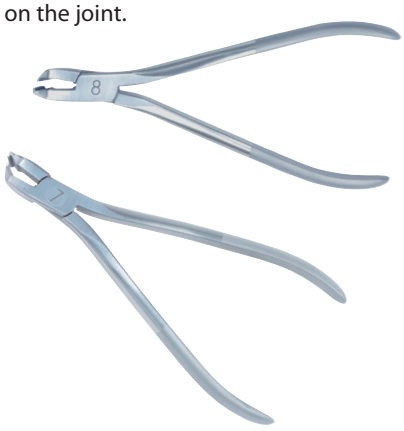


801-2017
⑦ UL/LR

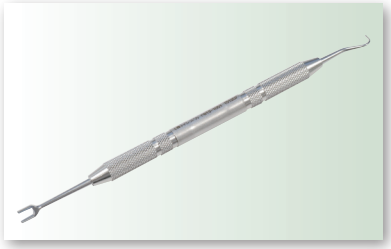
801-2018
⑧ UR/LL

For Nickel Titanium Round Archwire Only.
Anti-slip finishing tips to hold an archwire tightly.
Midline mark stays in the middle even after cinching back an archwire.

User-friendly with the slim head and narrow handles.
Easy to distinguish between UL/LR and UR/LL by the number on the joint.



Double Tucker



813-1051



The dual tips of this double ended instrument is used to tuck in the archwire, allowing easy clip closure. This is particularly useful for rotated or misaligned tooth as the dual tips span the bracket's width providing uniform pressure to set the archwire.

The other end with its flat tip enables easy opening of the clip from the gingival of the Mini Clippy or Clippy- C brackets.

TOMY ORTHODONTIC PRODUCTS 2026

Section 1 2026 NEW ITEMS

Section 2 SELF-LIGATING BRACKET SYSTEM

Section 3 CERAMIC TWIN BRACKETS

Section 4 METAL TWIN BRACKETS

Section 5 BUCCAL TUBES

Section 6 BANDS

Section 7 WIRES & WIRE PRODUCTS

Section 8 ELASTOMERIC PRODUCTS

Section 9 ORIGINAL PLIERS

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