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- + Striving to develop advanced technology and high-quality products
- + Meet the WORLD BIO TECH that improves the quality of your life



ORTHODONTIC BRACKETS & TUBES



SELPRO P Self-Ligating passive Ceramic Bracket

80





18 DELICATE Metal Bracket

MULTI BUTTON



ARCH WIRES 22 SMART

Arch Wire



24 MULTI BUTTON

STRIPS







We continuously develop effective products that are easy for dentists to use and comfortable for patients

CONTENTS







Prof.Kee-Joon Lee Department of Orthodontics, Yonsei University College of Dentistry

Designed by Prof. Kee-Joon Lee Yonsei University Dental Hospital

Precise Self Ligating Ceramic Bracket System

"Details are Important for Self-Ligating Ceramic Brackets."





ROTH .018 / .022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	12°	5°	SCAB-R18-11,21	SCAB-R22-11,21
	Lateral	8°	9°	SCAB-R18-12,22	SCAB-R22-12,22
	Cuspid with Hook	-2°	11°	SCAB-R18-13H,23H	SCAB-R22-13H,23H
	1 st Bicuspids with Hook	-7°	0°	SCAB-R18-145H,245H	SCAB-R22-145H,245H
	2 nd Bicuspids with Hook	-7°	0°	SCAB-R18-145H,245H	SCAB-R22-145H,245H
Mandibular	Anteriors	0°	0°	SCAB-R18-3412	SCAB-R22-3412
	Cuspid with Hook	-11°	7°	SCAB-R18-33H,43H	SCAB-R22-33H,43H
	1 st Bicuspids with Hook	-17°	0°	SCAB-R18-34H,44H	SCAB-R22-34H,44H
	2 nd Bicuspids with Hook	-22°	0°	SCAB-R18-35H,45H	SCAB-R22-35H,45H
Patient Kit	3X3			SCAB-R18-U3L3	SCAB-R22-U3L3
	5X5			SCAB-R18-U5L5	SCAB-R22-U5L5

MBT .022

	Tooth	Torque	Ang	.022 slot
Maxillary	Central	17°	4°	SCAB-M22-11,21
	Lateral	10°	8°	SCAB-M22-12,22
	Cuspid with Hook	0°	8°	SCAB-M22-13H, 23H
	1 st Bicuspids with Hook	-7°	0°	SCAB-M22-145H, 245H
	2 nd Bicuspids with Hook	-7°	0°	SCAB-M22-145H, 245H
Mandibular	Anteriors	-6°	0°	SCAB-M22-3412
	Cuspid with Hook	0°	3°	SCAB-M22-33H, 43H
	1 st Bicuspids with Hook	-12°	2°	SCAB-M22-34H, 44H
	2 nd Bicuspids with Hook	-17°	2°	SCAB-M22-35H, 45H
Patient Kit	3X3			SCAB-M22-U3L3
	5X5			SCAB-M22-U5L5





- and bracket
- **Opening Barrier**

Precise Clip Insertion Slot : Fracture prevention due to increased bracket wing thickness



Open

Close



Place the Opener tip between the Body and the Door, then apply downward force to open the door.

After putting the Wire into the Slot, use a tool or your finger to push it in until fully closed.





Clip Play minimization

Prevents Clip Deformation and Enhance Stiffness

realizing the precise dimensions of the binding area between the clip

Strong Clamping Force of Wire due to narrow gap Preventing Clip

Precise Clip Play : Increased Rotation and Torque Control Precision by reducing clip play compared to the

control group

Opening Tool





P181 **Clip Opener**





Clip Operability Test Method



Push Pull Digital Machine

- ▶ The Clip demonstrate stronger binding force compared to the control group
- Clip Retention Strength is Maintained even with **Repeated Operation**
- Prevent Clip Deformation during Open/Close Actions in the wire replacement process
- Improved Clip Design ensures Continuously Strong Retention of the Wire



	Control A	Selpro A
Avg.	304 gf.	329 gf.
Max.	369 gf.	396 gf.
Min.	228 gf.	274 gf.
Standard Deviation	37 gf. 💙	35 gf.

Testing Institution: KCL (Korea Institute of Construction and Living Testing)



Round body and Wing, and Spherical Hook











Ginaiva

[Non curvature]

06



Application of a Spherical Hook that Minimizes Oral Contact Surfaces Application of a Round Design to Reduce Discomfort and Pain

Mandibular Anterior Morphology

- > Application of a Rhombus-Shaped Base Design tailored to tooth morphology
- Prevents Interference with Adjacent Teeth and secures Inter Bracket Distance (IBD)

Global Citizen Curvature Big Data

> Application of the Average Curvature Values based on the Occlusal and Gingival Reference Axes of the Teeth

Precise Canine Curvature :

- · Maximization of ease in Controlling the Rotation of Canines and Premolars through Curvature Formation tailored to the Teeth
- · Improvement in Tooth Curvature Compatibility for Stable Bonding and Accurate Force Transmission in orthodontics





Prof.Kee-Joon Lee Department of Orthodontics, Yonsei University College of Dentistry

Designed by Prof. Kee-Joon Lee Yonsei University Dental Hospital

Precise Self Ligating Ceramic Bracket System

"Details are Important for Self-Ligating Ceramic Brackets."





Super Rotation Control Moment ▶ 15-43% higher Rotation Control Moment compared

to control group

ROTH .022

	Tooth	Torque	Ang	.022 slot
Maxillary	Central	12°	5°	SCPB-R22-11,21
	Lateral	8°	9°	SCPB-R22-12,22
	Cuspid with Hook	-2°	11°	SCPB-R22-13H,23H
	1 st Bicuspids with Hook	-7°	0°	SCPB-R22-145H,245H
	2 nd Bicuspids with Hook	-7°	0°	SCPB-R22-145H,245H
Mandibular	Anteriors	0°	0°	SCPB-R22-3412
	Cuspid with Hook	-11°	7°	SCPB-R22-33H,43H
	1 st Bicuspids with Hook	-17°	0°	SCPB-R22-344H
	2 nd Bicuspids with Hook	-22°	0°	SCPB-R22-345H
Patient Kit	3X3			SCPB-R22-U3L3
	5X5			SCPB-R22-U5L5

MBT .022

	Tooth	Torque	Ang	.022 slot
Maxillary	Central	17°	4°	SCPB-M22-11,21
	Lateral	10°	8°	SCPB-M22-12,22
	Cuspid with Hook	0°	8°	SCPB-M22-13H,23H
	1 st Bicuspids with Hook	-7°	0°	SCPB-M22-145H, 245H
	2 nd Bicuspids with Hook	-7°	0°	SCPB-M22-145H, 245H
Mandibular	Anteriors	-6°	0°	SCPB-M22-3412
	Cuspid with Hook	0°	3°	SCPB-M22-33H,43H
	1 st Bicuspids with Hook	-12°	2°	SCPB-M22-34H,44H
	2 nd Bicuspids with Hook	-17°	2°	SCPB-M22-35H,45H
Patient Kit	3X3			SCPB-M22-U3L3
	5X5			SCPB-M22-U5L5



- the Ceramic Cap
- Analysis
- Feedback



Method for measuring the detachment strength



Testing Institution: KCL (Korea Institute of Construction and Living Testing)

Minimum Rotation Loss Angle

> Minimizing Wire Inclination Angle (loss angle) by Maximizing the Width of

> An Increase in Available Angle due to the reduction of the wire's loss angle

Application of a Stable Cap Structure through CAE Structural

Improvement of Cap detachment strength by Applying a PPC Structure that Enhances the Wire's Load Resistance

Application of UBH/DBH Structure with Implemented Tactile

Improvement of Open/Close Operating Feel through the Application of a Patented UBH/DBH Structure









- Safe Overbite Overjet Structure
- > Minimized Interference of Maxillary Anterior Teeth with the Inclined Structure of the Mandibular Bracket Body Wing
- Base Design for the Convenience of Mandibular Bracket Positioning



- Mandibular Anterior Morphology
 - > Application of a Rhombus-Shaped Base Design tailored to tooth morphology
 - Prevention of Interference with Adjacent Teeth and securing Inter Bracket Distance(IBD)

Open



Position the Opener Tip between the Body and the Door, then rotate it about 40° to open the door.

Considerations

When Using

Selpro P



Close

Press the Wire against the Slot, and then use a tool or your finger to push until you hear a "click" sound, confirming it is closed completely.



Opening & Closing Tool

P182 **Opening Tool**





Adequate torque adjustment and rotation adjustment will facilitate easy insertion of full-size wires.



Comfortable Spherical Hook







Global Citizen Curvature Big Data

Door Closing

Before closing, ensure that the wire is

adequately pressed against the slot;

especially when using a rectangular

wire, it is recommended to use a

dedicated tool.

- Generation of Global Citizen Big Data
- Application of Average Curvature Values based on the Occlusal and Gingival Reference Axes of the Teeth
- Precise Canine Curvature : Maximizing Convenience for adjusting the Rotation of Canines and Premolars through Curvature Formation tailored to the Teeth

The door opens automatically

If the door is closed while the wire is not sufficiently pressed against the slot, it may lead to breakage as the door could open. Always confirm the "click" sound when closing the door.

Position of the Slot

Carefully observe the position of the slot before attachment as it is slightly inclined to the top of the bracket body.

Adequate torque adjustment and rotation adjustment will facilitate easy

insertion of full-size wires.



- Use of a Spherical Hook that Minimizes Intraoral Contact Surfaces
- Glass Surface Treatment to Reduce Foreign Body Sensation Pain

- ► Tie Groove Structure Through Simulation Analysis Improved functionality for Ligation of Elastics
- Mandibular Central Inclined Hook Structure
 - Inclination applied to Minimize Interference with the Gingival Central Hook Positioning on the Mandibular Premolars to
 - Reduce Foreign Body Sensation and Pain

The door does not close completely

If the door does not close, revert to the previous wire stage or ligate the affected tooth with an O-ring, and it can be checked at the next visit.

Breakage of the door or wing

Be cautious to avoid breakage of the door or wing in the mandibular anterior region due to premature contact with the maxillary.

BJOU & X.O



Bijou

- Rounded Design to Minimize Patient Discomfort
- Coating applied to only 70% of the Base area to safely Protect the Dental Enamel during Bonding and Debonding
- Excellent aesthetics with Mono-Crystalline Sapphire Brackets
- Plasma Silica Coating applied to the Entire Slot and Body for Optimal Sliding and Strong Resistance to Breakage



X.O(Extra Order)

- Non-Extraction Specific Low Torque Bracket
- Designed with Low Torque and Angulation values suitable for Non-Extraction Orthodontics



Bijou

ROTH .018/.022

	Tooth	Torque
Maxillary	Central	12°
	Lateral	8°
	Cuspid with Hook	-2°
	1 st Bicuspid with Hook	-7°
	1 st Bicuspid without Hook	-7°
	2 nd Bicuspid with Hook	-7°
	2 nd Bicuspid without Hook	-7°
Mandibular	Anteriors	0°
	Cuspid with Hook	-11°
	1 st Bicuspid with Hook	-17°
	1 st Bicuspid without Hook	-17°
	2 nd Bicuspid with Hook	-22°
	2 nd Bicuspid without Hook	-22°
Patient Kit	3X3	
	5X5	

MBT .018/.022

	Tooth	Torque
Maxillary	Central	17°
	Lateral	10°
	Cuspid with Hook	0°
	1 st Bicuspid with Hook	-7°
	1 st Bicuspid without Hook	-7°
	2 nd Bicuspid with Hook	-7°
	2 nd Bicuspid without Hook	-7°
Mandibular	Anteriors	-6°
	Cuspid with Hook	0°
	1 st Bicuspid with Hook	-12°
	1 st Bicuspid without Hook	-12°
	2 nd Bicuspid with Hook	-17°
	2 nd Bicuspid without Hook	-17°
Patient Kit	3X3	
	5X5	

X.O

X.O .018/.022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	7°	5°	BJB-XO18-11,21	BJB-XO22-11,21
	Lateral	3°	8°	BJB-XO18-12,22	BJB-XO22-12,22
	Cuspid with Hook	-3°	5°	BJB-XO18-13H,23H	BJB-XO22-13H,23H
	1 st Bicuspid without Hook	-7°	0°	BJB-XO18-14,24	BJB-XO22-14,24
	2 nd Bicuspid without Hook	-7°	0°	BJB-XO18-15,25	BJB-XO22-15,25
Mandibular	Anteriors	-6°	0°	BJB-XO18-3412	BJB-XO22-3412
	Cuspid with Hook	-3°	3°	BJB-XO18-33H,43H	BJB-XO22-33H,43H
	1 st Bicuspid without Hook	-12°	0°	BJB-XO18-34,44	BJB-XO22-34,44
	2 nd Bicuspid without Hook	-17°	0°	BJB-XO18-35,45	BJB-XO22-35,45
Patient Kit	3X3			BJB-XO18-300	BJB-XO22-300
	5X5			BJB-XO18-500	BJB-XO22-500

Ang	.018 slot	.022 slot
5°	BJB-R18-11,21	BJB-R22-11,21
9°	BJB-R18-12,22	BJB-R22-12,22
11°	BJB-R18-13H,23H	BJB-R22-13H,23H
0°	BJB-R18-14H,24H	BJB-R22-14H,24H
0°	BJB-R18-14,24	BJB-R22-14,24
0°	BJB-R18-15H,25H	BJB-R22-15H,25H
0°	BJB-R18-15,25	BJB-R22-15,25
0°	BJB-R18-3412	BJB-R22-3412
7°	BJB-R18-33H,43H	BJB-R22-33H,43H
0°	BJB-R18-34H,44H	BJB-R22-34H,44H
0°	BJB-R18-34,44	BJB-R22-34,44
0°	BJB-R18-35H,45H	BJB-R22-35H,45H
0°	BJB-R18-35,45	BJB-R22-35,45
	BJB-R18-300	BJB-R22-300
	BJB-R18-500(H)	BJB-R22-500(H)

Ang	.018 slot	.022 slot
4°	BJB-M18-11,21	BJB-M22-11,21
8°	BJB-M18-12,22	BJB-M22-12,22
8°	BJB-M18-13H,23H	BJB-M22-13H,23H
0°	BJB-M18-14H,24H	BJB-M22-14H,24H
0°	BJB-M18-14,24	BJB-M22-14,24
0°	BJB-M18-15H,25H	BJB-M22-15H,25H
0°	BJB-M18-15,25	BJB-M22-15,25
0°	BJB-M18-3412	BJB-M22-3412
3°	BJB-M18-33H,43H	BJB-M22-33H,43H
2°	BJB-M18-34H,44H	BJB-M22-34H,44H
2°	BJB-M18-34,44	BJB-M22-34,44
2°	BJB-M18-35H,45H	BJB-M22-35H,45H
2°	BJB-M18-35,45	BJB-M22-35,45
	BJB-M18-300	BJB-M22-300
	BJB-M18-500(H)	BJB-M22-500(H)

BRIGHT ADVANCE





- Mini Size & Low Profile
- Easy Lock Base Protects Dental Enamel safely during Bonding and Debonding
- Excellent Aesthetics due to the use of Translucent Materials, with No Metal Slot to maximize aesthetics
- Enhanced Durability Improves the Breakage associated with Ceramics



ROTH .018 / .022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	12°	5°	B1-R18-11,21	B1-R22-11,21
	Lateral	8°	9°	B1-R18-12,22	B1-R22-12,22
	Cuspid with Hook	-2°	11°	B1-R18-13H,23H	B1-R22-13H,23H
	1 st Bicuspid with Hook	-7°	0°	B1-R18-14H,24H	B1-R22-14H,24H
	2 nd Bicuspid with Hook	-7°	0°	B1-R18-15H,25H	B1-R22-15H,25H
Mandibular	Anteriors	-1°	0°	B1-R18-3412	B1-R22-3412
	Cuspid with Hook	-11°	7°	B1-R18-33H,43H	B1-R22-33H,43H
	1 st Bicuspid with Hook	-17°	0°	B1-R18-34H,44H	B1-R22-34H,44H
	2 nd Bicuspid with Hook	-22°	0°	B1-R18-35H,45H	B1-R22-35H,45H
Patient Kit	3X3			B1-R18-300	B1-R22-300
	5X5			B1-R18-500(H)	B1-R22-500(H)

MBT .022

	Tooth	Torque
Maxillary	Central	17°
	Lateral	10°
	Cuspid with Hook	0°
	1 st Bicuspid with Hook	-7°
	2 nd Bicuspid with Hook	-7°
Mandibular	Anteriors	-6°
	Cuspid with Hook	0°
	1 st Bicuspid with Hook	-12°
	2 nd Bicuspid with Hook	-17°
Patient Kit	3Х3	
	5X5	

Ang	.022 slot
4°	B1-M22-11,21
8°	B1-M22-12,22
 8°	B1-M22-13H,23H
 0°	B1-M22-14H,24H
 0°	B1-M22-15H,25H
0°	B1-M22-3412
3°	B1-M22-33H,43H
2°	B1-M22-34H,44H
 2°	B1-M22-35H,45H
	B1-M22-300
 	B1-M22-500(H)



- "Mushroom" Shaped Mechanical Base for Strong Bonding
- The Bracket Base is designed to Fit the Surface of each Tooth
- Round Wing Design minimizes foreign body sensation
- ► Made from Medical-Grade Materials that are resistant to discoloration and wear
- Rounding at the end of the Slot Reduces Wire Binding Issues







ROTH .018/.022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	12°	5°	R-R18-11,21	R-R22-11,21
	Lateral	8°	9°	R-R18-12,22	R-R22-12,22
	Cuspid with Hook	-2°	11°	R-R18-13H,23H	R-R22-13H,23H
	1 st Bicuspid without Hook	-7°	0°	R-R18-14,24	R-R22-14,24
	2 nd Bicuspid without Hook	-7°	0°	R-R18-15,25	R-R22-15,25
Mandibular	Anteriors	0°	0°	R-R18-3412	R-R22-3412
	Cuspid with Hook	-11°	7°	R-R18-33H,43H	R-R22-33H,43H
	1 st Bicuspid without Hook	-17°	0°	R-R18-344	R-R22-344
	2 nd Bicuspid without Hook	-22°	0°	R-R18-345	R-R22-345
Patient Kit	3X3			R-R18-300	R-R22-300
	5X5			R-R18-500(H)	R-R22-500(H)

MBT .022

	Tooth	Torque
Maxillary	Central	17°
	Lateral	10°
	Cuspid with Hook	0°
	1 st Bicuspid without Hook	-7°
	2 nd Bicuspid without Hook	-7°
Mandibular	Anteriors	-6°
	Cuspid with Hook	0°
	1 st Bicuspid without Hook	-12°
	2 nd Bicuspid without Hook	-17°
Patient Kit	3X3	
	5X5	

Ang	.022 slot
4°	R-M22-11,21
8°	R-M22-12,22
 8°	R-M22-13H,23H
 0°	R-M22-14,24
 0°	R-M22-15,25
0°	R-M22-3412
3°	R-M22-33H,43H
2°	R-M22-34,44
2°	R-M22-35,45
	R-M22-300
	R-M22-500(H)

DELICATE





- Round Wing Design to Minimize Foreign Body Sensation
- ► Mini Size with a Low Profile
- Excellent Accuracy of the Slot due to CNC machining
- **Easy identification** of areas with Laser Marking on the Base





ROTH .018 / .022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	12°	5°	M-R18-11,21	M-R22-11,21
	Lateral	8°	9°	M-R18-12,22	M-R22-12,22
	Cuspid with Hook	-2°	11°	M-R18-13H,23H	M-R22-13H,23H
	1 st Bicuspid with Hook	-7°	0°	M-R18-14H,24H	M-R22-14H,24H
	1 st Bicuspid without Hook	-7°	0°	M-R18-14,24	M-R22-14,24
	2 nd Bicuspid with Hook	-7°	0°	M-R18-15H,25H	M-R22-15H,25H
	2 nd Bicuspid without Hook	-7°	0°	M-R18-15,25	M-R22-15,25
Mandibular	Anteriors	-1°	0°	M-R18-3412	M-R22-3412
	Cuspid with Hook	-11°	5°	M-R18-33H,43H	M-R22-33H,43H
	1 st Bicuspid with Hook	-17°	0°	M-R18-34H,44H	M-R22-34H,44H
	1 st Bicuspid without Hook	-17°	0°	M-R18-34,44	M-R22-34,44
	2 nd Bicuspid with Hook	-22°	0°	M-R18-35H,45H	M-R22-35H,45H
	2 nd Bicuspid without Hook	-22°	0°	M-R18-35,45	M-R22-35,45
Patient Kit	3X3			M-R18-300	M-R22-300
	5X5			M-R18-500(H)	M-R22-500(H)

MBT .018/.022

	Tooth	Torque	Ang	.018 slot	.022 slot
Maxillary	Central	17°	4°	M-M18-11,21	M-M22-11,21
	Lateral	10°	8°	M-M18-12,22	M-M22-12,22
	Cuspid with Hook	0°	8°	M-M18-13H,23H	M-M22-13H,23H
	1 st Bicuspid with Hook	-7°	0°	M-M18-14H,24H	M-M22-14H,24H
	1 st Bicuspid without Hook	-7°	0°	M-M18-14,24	M-M22-14,24
	2 nd Bicuspid with Hook	-7°	0°	M-M18-15H,25H	M-M22-15H,25H
	2 nd Bicuspid without Hook	-7°	0°	M-M18-15,25	M-M22-15,25
Mandibular	Anteriors	-6°	0°	M-M18-3412	M-M18-3412
	Cuspid with Hook	0°	3°	M-M18-33H,43H	M-M22-33H,43H
	1 st Bicuspid with Hook	-12°	2°	M-M18-34H,44H	M-M22-34H,44H
	1 st Bicuspid without Hook	-12°	2°	M-M18-34,44	M-M22-34,44
	2 nd Bicuspid with Hook	-17°	2°	M-M18-35H,45H	M-M22-35H,45H
	2 nd Bicuspid without Hook	-17°	2°	M-M18-35,45	M-M22-35,45
Patient Kit	3X3			M-M18-300	M-M22-300
	5X5			M-M18-500(H)	M-M22-500(H)

A1 BUCCAL TUBE

Weldable

BUCCAL TUBE



Single #6

	Tooth	Torque	Offset	.018 slot	.022 slot
Maxillary	1 st Molars	-14°	10°	R18BS-16,26	R22BS-16,26
	2 nd Molars	-14°	10°	R18BS-17,27	R22BS-17,27
Mandibular	1 st Molars	-25°	4°	R18BS-36,46	R22BS-36,46
	2 nd Molars	-25°	4°	R18BS-37,47	R22BS-37,47
MBT .022					
	Tooth	Torque	Offset		.022 slot
Mandibular	1 st Molars	-20°	0°		M22BS-36,46
	2 nd Molars	-20°	0°		M22BS-37,47

LP BUCCAL TUBE

Single

ROTH .022		
	Tooth	Torque
Maxillary	1 st Molars	-14°
	2 nd Molars	-14°
Mandibular	1 st Molars	-25°
	2 nd Molars	-25°
MBT .022		
	Tooth	Torque
Maxillary	1 st Molars	-14°
	2 nd Molars	-14°
Mandibular	1 st Molars	-20°
	2 nd Molars	-20°

Single #6 #7

ROTH .018 / .022

	Tooth	Torque	Offset	.018 slot	.022 slot
Maxillary	1 st Molars	-14°	10°	R18WS-16,26	R22WS-16,26
	2 nd Molars	-14°	10°	R18WS-17,27	R22WS-17,27
Mandibular	1 st Molars	-25°	4°	R18WS-36,46	R22WS-36,46
	2 nd Molars	-25°	4°	R18WS-37,47	R22WS-37,47

MBT .022

	Tooth	Torque	Offset	.022 slot
Maxillary	1 st Molars	-14°	10°	M22WS-16,26
	2 nd Molars	-14°	10°	M22WS-17,27
Mandibular	1 st Molars	-20°	0°	M22WS-36,46
	2 nd Molars	-20°	0°	M22WS-37.47



ROTH .018 / .022

	Tooth	Torque	Offset	.018 slot	.022 slot
Maxillary	1 st Molars	-14°	10°	R18WTW-16,26	R22WTW-16,26
Mandibular	1 st Molars	-25°	4°	R18WTW-36,46	R22WTW-36,46

MBT .022

Twin

	Tooth	Torque	Offset	.022 slot
Maxillary	1 st Molars	-14°	10°	M22WTW-16,26
Mandibular	1 st Molars	-20°	0°	M22WTW-36,46





ROTH .018/.022

	Tooth	Torque	Offset	.018 slot	.022 slot
Maxillary	1 st Molars	-14°	10°	R18WTR-16,26	R22WTR-16,26
					MBT .022
	Tooth	Torque	Offset		.022 slot
Maxillary	1 st Molars	-14°	10°		M22WTR-16,26









SMART ARCH WIRE



SMART NI-TI Super Elastic

- · Super Elastic Wire for optimal resilience
- · High-quality Ni-Ti Wire produced after numerous tests, including bending tests, tensile strength tests, and transformation temperature measurements
- Manufactured in the most commonly used "Natural Form" in orthodontics

Size	Part Numbers	Size	Part Numbers
010	NT010U / NT010L	016X016	NT016016U / NT016016L
012	NT012U / NT012L	016X022	NT016022U / NT016022L
014	NT014U / NT014L	017X025	NT017025U / NT017025L
016	NT016U / NT016L	018X025	NT018025U / NT018025L
018	NT018U / NT018L	019X025	NT019025U / NT019025L
020	NT020U / NT020L	021X025	NT021025U / NT021025L





forces

Size	Part Numbers	Size	Part Numbers
012	CNT012U / CNT012L	016X022	CNT016022U / CNT016022L
014	CNT014U / CNT014L	017X025	CNT017025U / CNT017025L
016	CNT016U / CNT016L	018X025	CNT018025U / CNT018025L
018	CNT018U / CNT018L	019X025	CNT019025U / CNT019025L



SMART STAINLESS STEEL

· Minimized Friction with a Smooth Surface

- · Provides precise torque control with accurate dimensions and shapes
- Utilizes the highest quality Stainless Steel for optimal quality and robust performance

Size	Part Numbers	Size	Part Numbers
014	SS014U / SS014L	016X022	SS016022U / SS016022L
016	SS016U / SS016L	017X025	SS017025U / SS017025L
018	SS018U / SS018L	018X025	SS018025U / SS018025L
020	SS020U / SS020L	019X025	SS019025U / SS019025L
		021X025	SS021025U / SS021025L



SMART COPPER NI-TI

- Wire Made from a Copper and Nickel Titanium Alloy
- Shape memory response occurs at 35°C, activating orthodontic
- Efficient tooth movement achieved with consistent force and smooth persistence

SMART DAMON COPPER NI-TI

- Perfect Archwire Sequence for Self-Ligating Brackets
- Wire made from a copper and nickel titanium alloy
- Shape memory response occurs at 35°C, activating orthodontic forces
- · Efficient tooth movement achieved with consistent force and smooth persistence

Part Numbers	Size	Part Numbers
NT013D	014X025	CNT014025D
NT014D	016X025	CNT016025D
NT016D	018X025	CNT018025D
NT018D		

MULTI BUTTONS

Minor Tooth Movement

ATTACHMENTS



Circle Type



Belt Type

Upright





Space Closing

Circle Type EMB-C100 **Belt Type** EMB-B100 (20EA in 1 Package)

orthodontics

Easy Leveling in the early stages of

maximize bonding strength

Optimized Hole Base for resin buttons to

Slot in the Neck of the button allows for Wire insertion (0.018 inch)

Can also be used as a standard button

Leveling Alignment

ATTACHMENTS

Torquing Spring



	Central Gingival	Anterior	Central Occlusal
	Large	Medium	Smail
016X022	500-17	500-16	500-15
	Large	Medium	Smail
019X025	500-20	500-19	500-18

Ni-Ti Closed Coil Spring



	Size	Force	
Ni-Ti Closed Coil Spring	бmm	Heavy Force	500-25
	9mm	Medium Force	500-24
	12mm	Light Force	500-23



Crimpable Hook

T Top 2.7mm 500-05 10EA/1PKG



Crimpable Hook

7mm 500-08 [Left] 500-07 [Right] 10EA/1PKG



DBS Metal Button





Button with Hook

500-9[Left] 500-10[Right] 10EA/1PKG



Lingual Sheath

500-02 10EA/1PKG



Crimpable Hook

Ball Top 4mm 500-04 10EA/1PKG



Crimpable Hook

T Top 4mm 500-06 10EA/1PKG



Crimpable Stop

500-01 10EA/1PKG



Weldable Button





Lingual Ring

500-26 10EA/1PKG





the use of talc

manufacturing

Proprietary Manufacturing Process minimizes

precisely cut, ensuring consistent force levels

▶ WBT elastics are perfectly formed and

Only Premium Medical–Grade Latex

meets the standards for intraoral elastic

INTRAORAL

ELASTOMERIC

Control Chain



Force / Color	Medium Clear	Light Clear	Medium Grey
Closed	910-01	900-01	930-01
Open	910-02		

Power Chain



Clear		
Closed	730-27	
Short	740-27	
Long	750-27	

Ligature O-Ring

Grey [700-06] Clear [700-27] 1040 EA/PKG



Elastic Tubing

WBT

2017.10.20

clea

3 m

CE (2)

Elastic Tubing

Clear 027 Inch 3m [600-32]





026



5m

Silver-Grey			
Closed 730-06			
Short	740-06		
Long	750-06		

Separation Ring



Elastic Thread

[810-01]

1050 EA/PKG



025 Inch 7.6m [600-30] 030 Inch 7.6m [600-31]

OTO STRIPS



- Easy Size Identification with Laser Marking
- Locking Tapered Type allows for Easy Attachment and Removal with the Handpiece
- Perforations at Regular Intervals on the Blade Reduce Breakage and Ensure Smooth Debris Removal during Stripping
- The Robust Connection between the Blade and Body Extends Usage Without Breakage

Double Sided 15 Micron 15HD



IPR Strip for Clear Alignging

0.1mm T0.1 0.2mm T0.2 0.3mm T0.3 0.4mm T0.4



Saw Type For Starter



Space Gauge P-152

0.10mm 0.15mm 0.20mm 0.25mm 0.30mm 0.40mm 0.50mm



IPR System

Single Sided







Manual Handle

For Hand Stripping Straight & Angled

P-153

and the state

FIX CREW TM



Orthodontic Screw System

Length	Part Numbers
6mm	MFU14-06
8mm	MFU14-08
10mm	MFU14-10
* 12mm	MFU14-12
* 14mm	MFU14-14
бmm	MFU16-06
8mm	MFU16-08
10mm	MFU16-10
* 12mm	MFU16-12
* 14mm	MFU16-14
бmm	MFU18-06
8mm	MFU18-08
10mm	MFU18-10
* 12mm	MFU18-12
* 14mm	MFU18-14
* 6mm	MFU20-06
* 8mm	MFU20-08
* 10mm	MFU20-10
* 12mm	MFU20-12
* 14mm	MFU20-14

Length	Part Numbers
6mm	MFW14-06
8mm	MFW14-08
10mm	MFW14-10
* 12mm	MFW14-12
* 14mm	MFW14-14
6mm	MFW16-06
8mm	MFW16-08
10mm	MFW16-10
* 12mm	MFW16-12
* 14mm	MFW16-14
* 6mm	MFW18-06
* 8mm	MFW18-08
* 10mm	MFW18-10
* 12mm	MFW18-12
* 14mm	MFW18-14
* 6mm	MFW20-06
* 8mm	MFW20-08
* 10mm	MFW20-10
* 12mm	MFW20-12
* 14mm	MFW20-14