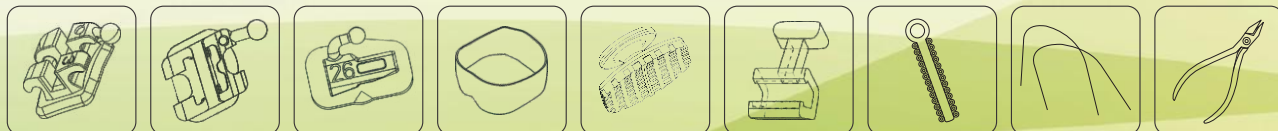


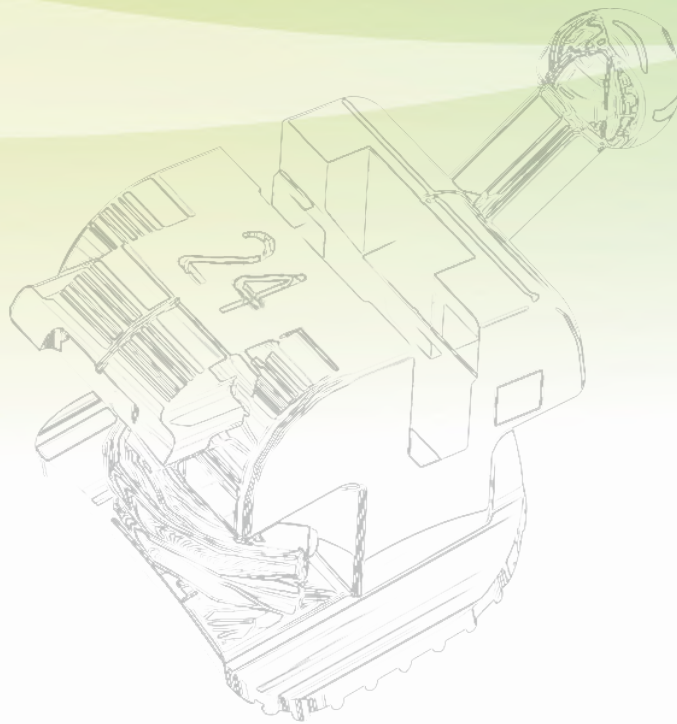


**YAHONG**

# ORTHODONTIC » CATALOG



**ZHEJIANG YAHONG MEDICAL APPARATUS CO.,LTD.**



**ZHEJIANG YAHONG MEDICAL APPARATUS CO., LTD.**

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## ■ Company Profile

Zhejiang Yahong Medical Apparatus Co., Ltd was founded in 2006. It is a manufacturer that specializes in the development, production and sales of orthodontic products and endodontic products. Owing a modern production and R&D base of more than 15,000 square meters, Yahong has successfully used the technology of MIM and Automatic production line in the production of products. Automated manufacturing is increasing the quality and consistency of the products, which makes us in the leading position in these industries all the time.

YAHONG over the years has always adhered to the business purposes of "quality of products in order to survive, credibility and development". Committed to providing you with high-quality products and quality services, Yahong has a professional and dedicated design management team, from product design, mold making, molding to the product inspection and packing, for each aspect and processes are rigorously tested and controlled. Our products has been certified to ISO-13485, EU CE quality system and U.S. FDA.

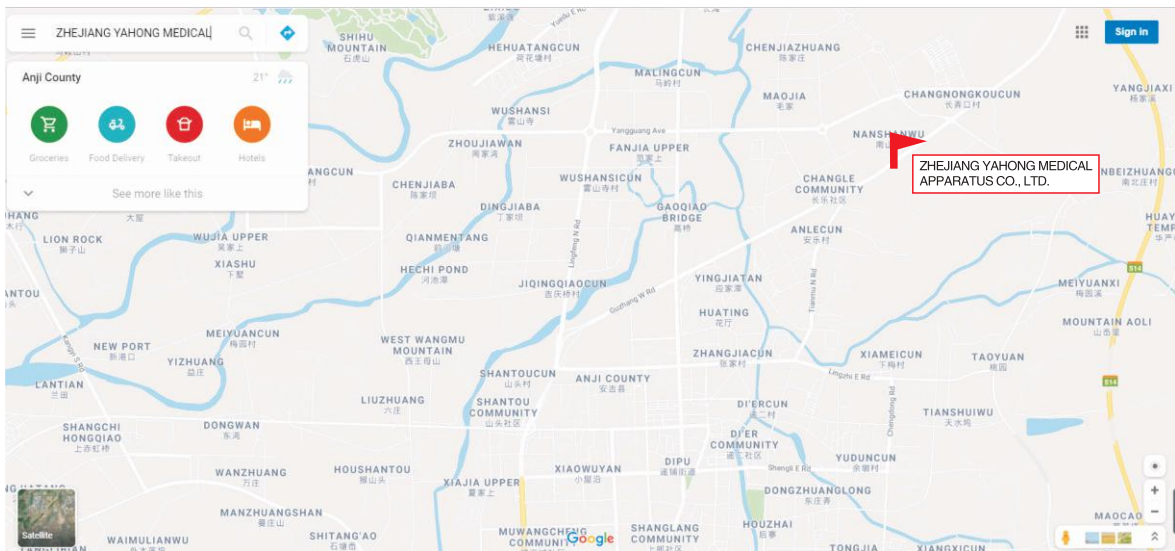
YAHONG have always implemented the concept of customer value and creation for customers tailored products to meet the needs of different customers, and our products has been exported to more than 70 countries. Warmly welcome you to visit our factory, we will be your best partner and supplier.



Certificates



Google maps

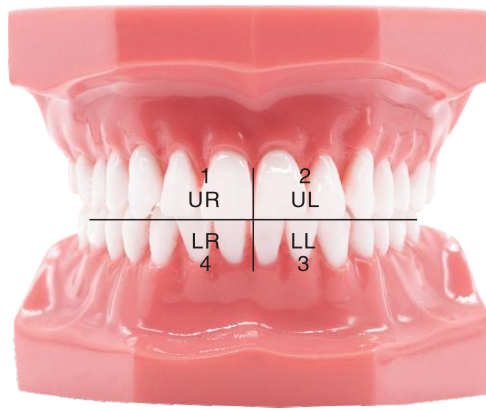




# Catalogue

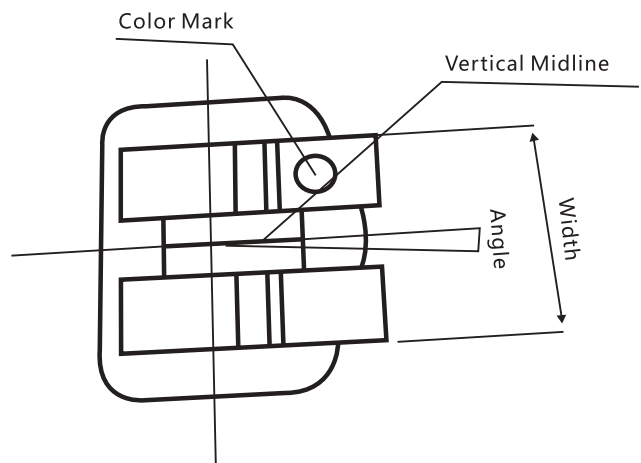
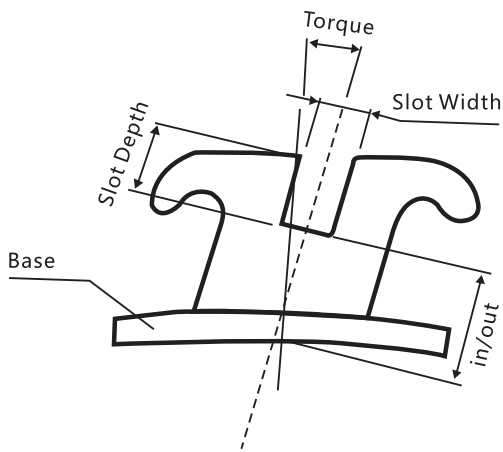
1	Brackets	05-52
2	Buccal Tubes	53-65
3	Bands	66-89
4	Archwire	90-97
5	Elastic-Ring	98-102
6	Inside Oral Cavity	103-108
7	Outside Oral Cavity	109-112
8	Orthodontic Pliers	113-115
9	Orthodontic Tools	116



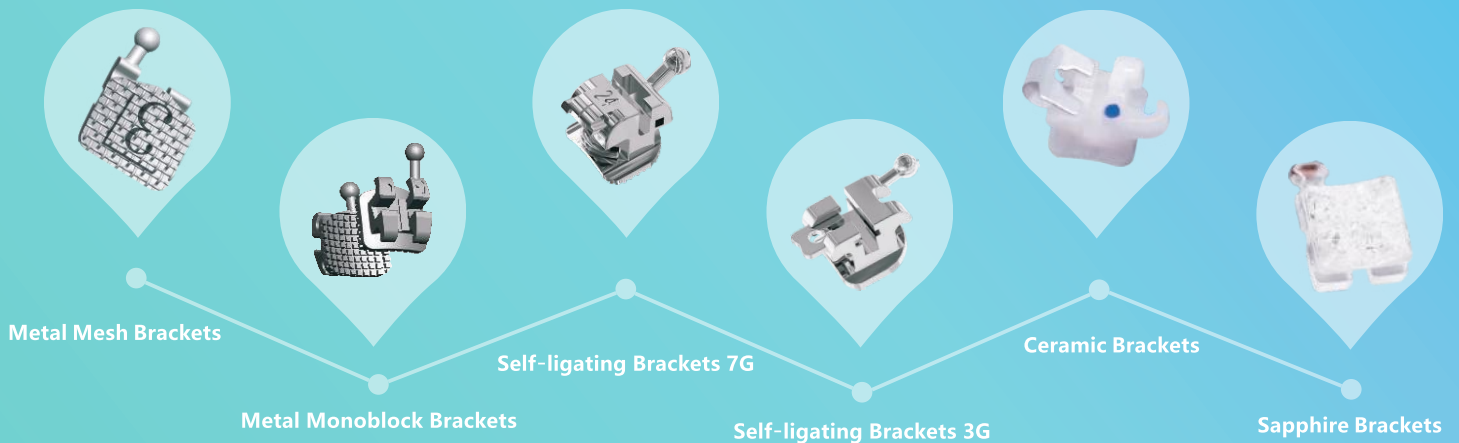


17	16	15	14	13	12	11	21	22	23	24	25	26	27
7	6	5	4	3	2	1	1	2	3	4	5	6	7
7	6	5	4	3	2	1	1	2	3	4	5	6	7
47	46	45	44	43	42	41	31	32	33	34	35	36	37

UR7	UR6	UR5	UR4	UR3	UR2	UR1	UL1	UL2	UL3	UL4	UL5	UL6	UL7
7	6	5	4	3	2	1	1	2	3	4	5	6	7
7	6	5	4	3	2	1	1	2	3	4	5	6	7
LR7	LR6	LR5	LR4	LR3	LR2	LR1	LL1	LL2	LL3	LL4	LL5	LL6	LL7



# Orthodontic Brackets



■ MIM Series Brackets .....	05–21
■ CNC Series Brackets .....	22–29
■ Ceramic Series Brackets .....	30–37
■ Sapphire Series Brackets .....	38–42
■ Other Series Brackets .....	43–49
■ Package List .....	50–52



## MIM Series Brackets

### Self Ligating Brackets

1. Standard Torque Brackets 7G
2. High Torque Brackets 7G
3. Low Torque Brackets 7G
4. Roth Brackets 5G
5. MBT Brackets 5G
6. Roth Brackets 3G
7. MBT Brackets 3G
8. Roth Brackets Active
9. MBT Brackets Active

### Mini Brackets

1. Roth Brackets
2. Roth Brackets 2G
3. MBT Brackets
4. Edgewise Brackets

### Standard Brackets

1. Roth Brackets
2. MBT Brackets
3. MBT Brackets 2G
4. Edgewise Brackets

### Monoblock Mini Brackets

1. Roth Brackets 1G
2. Roth Brackets 3G
3. Roth Brackets 4G
4. MBT Brackets 1G
5. MBT Brackets 3G
6. Edgewise Brackets

## Sapphire Series Brackets

### Sapphire Brackets

1. Roth Brackets
2. MBT Brackets
3. Edgewise Brackets
4. Roth Brackets with Indicator
5. MBT Brackets with Indicator

## Package List

## CNC Series Brackets

### Mini Brackets

1. Roth Brackets
2. MBT Brackets
3. Edgewise Brackets
4. V-slot Roth Brackets
5. V-slot MBT Brackets
6. Ricketts Brackets

### Standard Brackets

1. Roth Brackets
2. MBT Brackets
3. Edgewise Brackets
4. V-slot Roth Brackets
5. V-slot MBT Brackets
6. Ricketts Brackets
7. Gemini Roth Brackets
8. Gemini MBT Brackets

## Ceramic Series Brackets

### Ceramic Brackets

1. Roth Brackets Three Groove
2. MBT Brackets Three Groove
3. Edgewise Brackets Three Groove
4. Roth Brackets Gridding
5. MBT Brackets Gridding
6. Edgewise Brackets Gridding

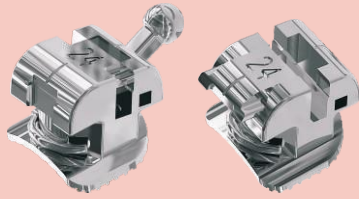
### Ceramic Self Ligating Brackets

1. Roth Brackets 7G
2. MBT Brackets 7G
3. Roth Brackets 2G
4. MBT Brackets 2G

## Other Series Brackets

1. Lingual Brackets
2. Alexander Brackets
3. Light Force Brackets (six-wing Brackets)
4. Molar Brackets
5. Begg Brackets
6. Fashion Brackets
7. Gold Plated Brackets

# MIM Series Brackets >> Self Ligating Brackets 7G



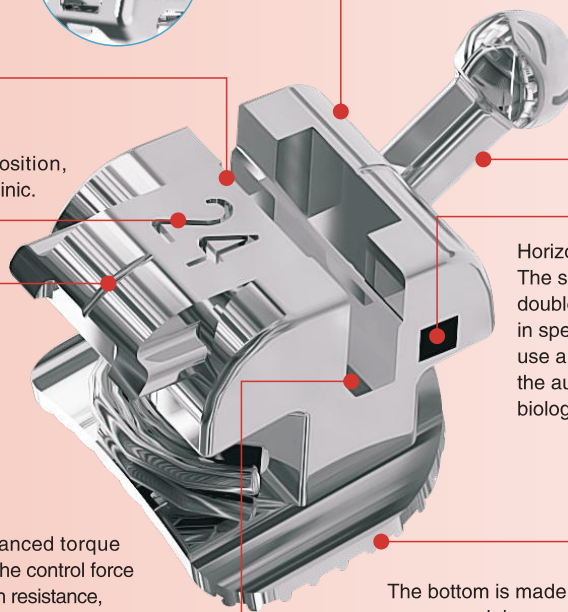
Proven patented sliding cover unlocking technology ensures the smooth opening and closing of the lock plate, improves the efficiency of wire replacement, and shortens the treatment cycle.



The rounder bracket shape gives the patient a more comfortable wearing experience.



Permanent and clear marking of tooth position, convenient for doctors to operate in clinic.



The traction hook can be removed and adjusted mesial and distal.

Horizontal auxiliary slot  
The size 0.42X0.42mm allows the double arch wire technique to be used in special cases (The physician can use a light force of arch wire through the auxiliary slot to maintain proper biological force).

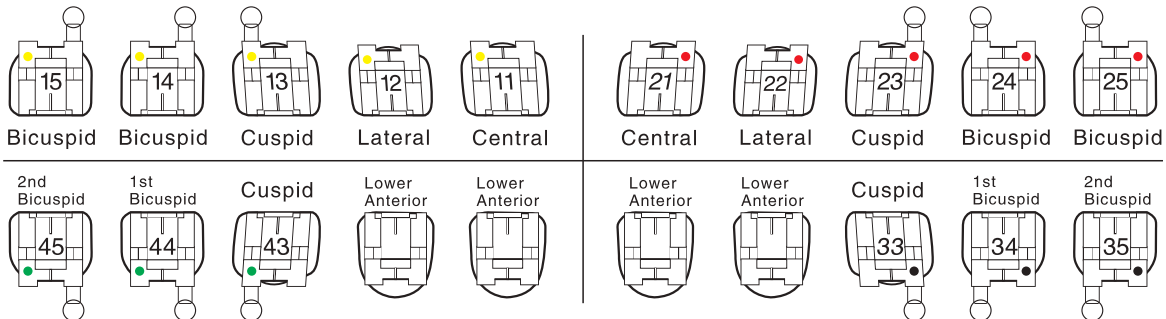
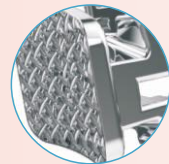


Central positioning line design can assist brackets bonding positioning.



Notch design for enhanced torque control strengthens the control force and reduces the friction resistance, separating as high torque, standard torque and low torque.

The bottom is made of 80 gauge mesh base and ultra-thin design, making adhesion and adsorption force stronger than other brackets.



## Self Ligating Standard Torque Brackets 7G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1</u>   <u>1</u>	15°	5°	0.9	2.8	SS72-1011	SS72-1021	SS72-1011	SS72-1021
Lateral	<u>2</u>   <u>2</u>	6°	9°	1.1	2.8	SS72-1012	SS72-1022	SS72-1012	SS72-1022
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.8	2.8	SS72-1113	SS72-1123	SS72-1013	SS72-1023
Bicuspid	<u>4</u>   <u>4</u>	-11°	2°	0.8	2.8	SS72-1114	SS72-1124	SS72-1014	SS72-1024
Bicuspid	<u>5</u>   <u>5</u>	-11°	2°	0.8	2.8	SS72-1115	SS72-1125	SS72-1015	SS72-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1</u>   <u>1</u>	-3°	2°	1.1	2.8	SS72-1041	SS72-1031	SS72-1041	SS72-1031
Lower Anterior	<u>2</u>   <u>2</u>	-3°	4°	1.1	2.8	SS72-1042	SS72-1032	SS72-1042	SS72-1032
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.8	2.8	SS72-1143	SS72-1133	SS72-1043	SS72-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	4°	0.8	2.8	SS72-1144	SS72-1134	SS72-1044	SS72-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	4°	0.8	2.8	SS72-1145	SS72-1135	SS72-1045	SS72-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	Standard Torque	SS72-01	SS72-02	SS72-03

## Self Ligating High Torque Brackets 7G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1</u>   <u>1</u>	22°	5°	0.9	2.8	SH72-1011	SH72-1021	SH72-1011	SH72-1021
Lateral	<u>2</u>   <u>2</u>	13°	9°	1.1	2.8	SH72-1012	SH72-1022	SH72-1012	SH72-1022
Cuspid	<u>3</u>   <u>3</u>	11°	5°	0.8	2.8	SH72-1113	SH72-1123	SH72-1013	SH72-1023
Bicuspid	<u>4</u>   <u>4</u>	-11°	2°	0.8	2.8	SH72-1114	SH72-1124	SH72-1014	SH72-1024
Bicuspid	<u>5</u>   <u>5</u>	-11°	2°	0.8	2.8	SH72-1115	SH72-1125	SH72-1015	SH72-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1</u>   <u>1</u>	-3°	2°	1.1	2.8	SH72-1041	SH72-1031	SH72-1041	SH72-1031
Lower Anterior	<u>2</u>   <u>2</u>	-3°	4°	1.1	2.8	SH72-1042	SH72-1032	SH72-1042	SH72-1032
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.8	2.8	SH72-1143	SH72-1133	SH72-1043	SH72-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	4°	0.8	2.8	SH72-1144	SH72-1134	SH72-1044	SH72-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	4°	0.8	2.8	SH72-1145	SH72-1135	SH72-1045	SH72-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	High Torque	SH72-01	SH72-02	SH72-03





## Self Ligating Low Torque Brackets 7G

MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	1   1	2°	5°	0.9	2.8	SL72-1011	SL72-1021	SL72-1011	SL72-1021
Lateral	2   2	-5°	9°	1.1	2.8	SL72-1012	SL72-1022	SL72-1012	SL72-1022
Cuspid	3   3	-9°	5°	0.8	2.8	SL72-1113	SL72-1123	SL72-1013	SL72-1023
Bicuspid	4   4	-11°	2°	0.8	2.8	SL72-1114	SL72-1124	SL72-1014	SL72-1024
Bicuspid	5   5	-11°	2°	0.8	2.8	SL72-1115	SL72-1125	SL72-1015	SL72-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	1   1	-11°	2°	1.1	2.8	SL72-1041	SL72-1031	SL72-1041	SL72-1031
Lower Anterior	2   2	-11°	4°	1.1	2.8	SL72-1042	SL72-1032	SL72-1042	SL72-1032
Cuspid	3   3	0°	5°	0.8	2.8	SL72-1143	SL72-1133	SL72-1043	SL72-1033
1st Bicuspid	4   4	-12°	4°	0.8	2.8	SL72-1144	SL72-1134	SL72-1044	SL72-1034
2nd Bicuspid	5   5	-17°	4°	0.8	2.8	SL72-1145	SL72-1135	SL72-1045	SL72-1035

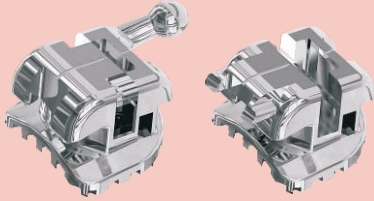
### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	Low Torque	SL72-01	SL72-02	SL72-03



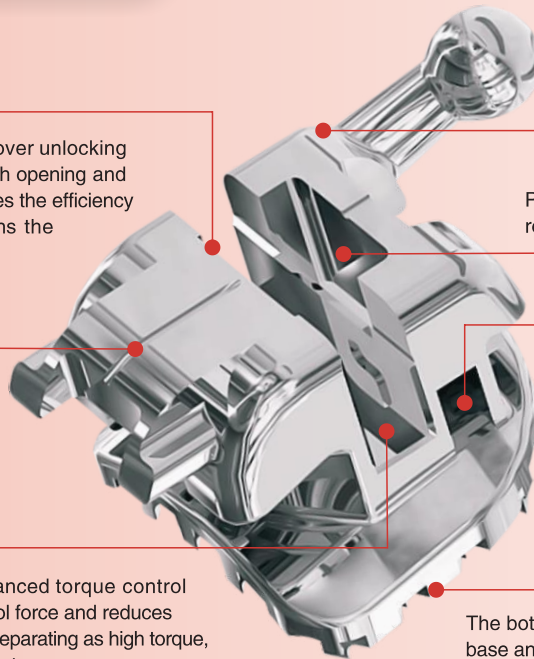
# MIM Series Brackets >> Self Ligating Brackets 5G



Proven patented sliding cover unlocking technology ensures the smooth opening and closing of the lock plate, improves the efficiency of wire replacemen, and shortens the treatment cycle.

Central positioning line design can assist brackets bonding positioning.

Notch design for enhanced torque control strengthens the control force and reduces the friction resistance, separating as high torque, standard torque and low torque.

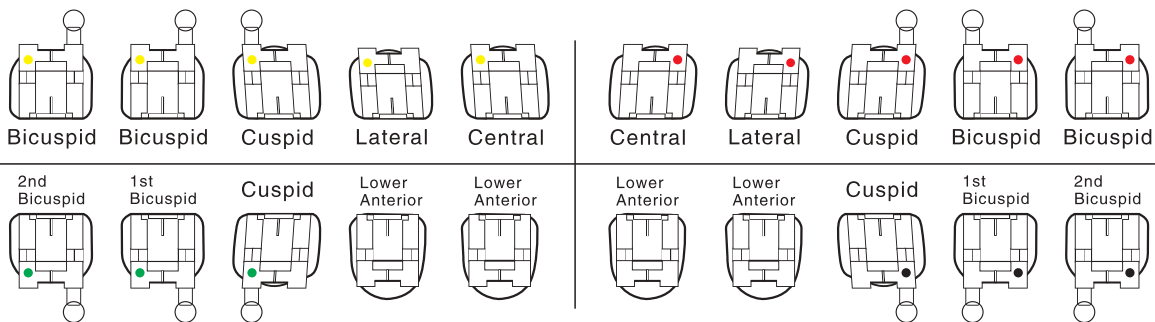


The rounder bracket shape gives the patient a more comfortable wearing experience.

Passive self-ligating design greatly reduces the friction in the system.

Horizontal auxiliary slot  
The size 0.42X0.42mm allows the double arch wire technique to be used in special cases(The physician can use a light force of arch wire through the auxiliary slot to maintain proper biological force).

The bottom is made of 80 gauge mesh base and ultra-thin design, making adhesion and adsorption force stronger than other brackets.





## Self Ligating Roth Brackets 5G

MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1   1</u>	12°	5°	0.7	3.1	SZ52-1011	SZ52-1021	SZ52-1011	SZ52-1021
Lateral	<u>2   2</u>	8°	9°	1.1	2.8	SZ52-1012	SZ52-1022	SZ52-1012	SZ52-1022
Cuspid	<u>3   3</u>	-2°	11°	0.7	3.1	SZ52-1113	SZ52-1123	SZ52-1013	SZ52-1023
Bicuspid	<u>4   4</u>	-7°	0°	0.7	2.9	SZ52-1114	SZ52-1124	SZ52-1014	SZ52-1024
Bicuspid	<u>5   5</u>	-7°	0°	0.7	2.9	SZ52-1115	SZ52-1125	SZ52-1015	SZ52-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1   1</u>	-1°	0°	1.1	2.75	SZ52-1041	SZ52-1031	SZ52-1041	SZ52-1031
Lower Anterior	<u>2   2</u>	-1°	0°	1.1	2.75	SZ52-1042	SZ52-1032	SZ52-1042	SZ52-1032
Cuspid	<u>3   3</u>	-11°	5°	0.7	3.1	SZ52-1143	SZ52-1133	SZ52-1043	SZ52-1033
1st Bicuspid	<u>4   4</u>	-17°	0°	0.7	2.9	SZ52-1144	SZ52-1134	SZ52-1044	SZ52-1034
2nd Bicuspid	<u>5   5</u>	-22°	0	0.7	2.9	SZ52-1145	SZ52-1135	SZ52-1045	SZ52-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	with laser mark	SZ52-11	SZ52-12	SZ52-13
	no laser mark	SZ52-01	SZ52-02	SZ52-03



## Self Ligating MBT Brackets 5G

MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1   1</u>	17°	4°	0.9	3.1	SM52-1011	SM52-1021	SM52-1011	SM52-1021
Lateral	<u>2   2</u>	10°	8°	1.1	2.8	SM52-1012	SM52-1022	SM52-1012	SM52-1022
Cuspid	<u>3   3</u>	0°	8°	0.8	3.1	SM52-1113	SM52-1123	SM52-1013	SM52-1023
Bicuspid	<u>4   4</u>	-7°	0°	0.8	2.9	SM52-1114	SM52-1124	SM52-1014	SM52-1024
Bicuspid	<u>5   5</u>	-7°	0°	0.8	2.9	SM52-1115	SM52-1125	SM52-1015	SM52-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1   1</u>	-6°	0°	1.1	2.75	SM52-1041	SM52-1031	SM52-1041	SM52-1031
Lower Anterior	<u>2   2</u>	-6°	0°	1.1	2.75	SM52-1042	SM52-1032	SM52-1042	SM52-1032
Cuspid	<u>3   3</u>	0°	3°	0.8	3.1	SM52-1143	SM52-1133	SM52-1043	SM52-1033
1st Bicuspid	<u>4   4</u>	-12°	2°	0.8	2.9	SM52-1144	SM52-1134	SM52-1044	SM52-1034
2nd Bicuspid	<u>5   5</u>	-17°	2°	0.8	2.9	SM52-1145	SM52-1135	SM52-1045	SM52-1035

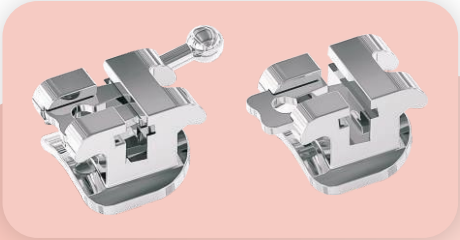
### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	with laser mark	SM52-11	SM52-12	SM52-13
	no laser mark	SM52-01	SM52-02	SM52-03

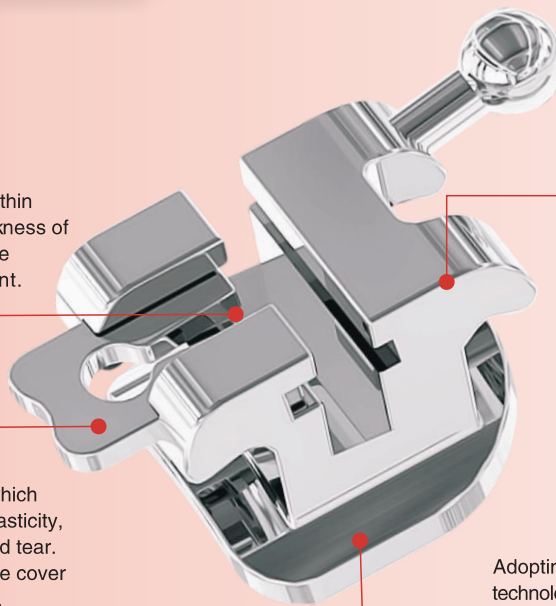


# MIM Series Brackets >> Self Ligating Brackets 3G



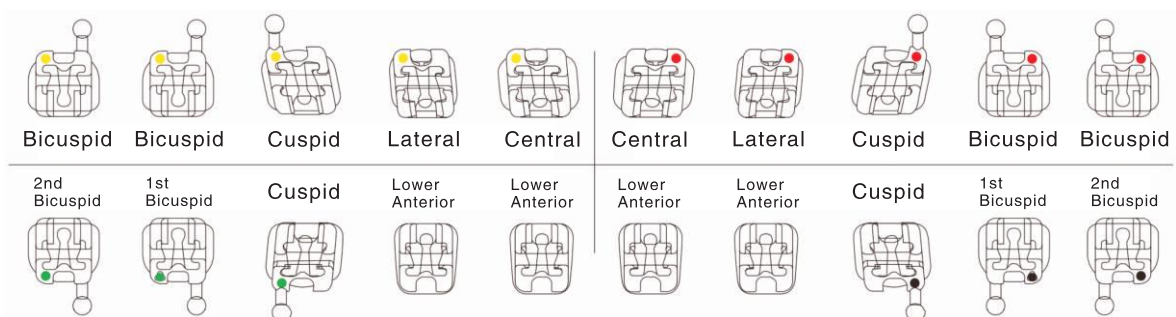
The bracket is made of ultra-thin design to minimize the thickness of the brackets and prevent bite interference during treatment.

The rounded corners of the brackets are smoothed to improve patient comfort and make the product more beautiful.



The lock plate is made of nickel-titanium material, which has high strength, good elasticity, and is not easy to wear and tear. It is convenient to open the cover and has a long service life.

Adopting the latest 80 gauge mesh base technology makes the brackets more adhesive.



## Self Ligating Roth Brackets 3G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.7	3.2	SZ11-1011	SZ11-1021	SZ11-1011	SZ11-1021	SZ12-1011	SZ12-1021	SZ12-1011	SZ12-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.05	2.9	SZ11-1012	SZ11-1022	SZ11-1012	SZ11-1022	SZ12-1012	SZ12-1022	SZ12-1012	SZ12-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.7	3.1	SZ11-1113	SZ11-1123	SZ11-1013	SZ11-1023	SZ12-1113	SZ12-1123	SZ12-1013	SZ12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.9	SZ11-1114	SZ11-1124	SZ11-1014	SZ11-1024	SZ12-1114	SZ12-1124	SZ12-1014	SZ12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	0.9	2.7	SZ11-1041	SZ11-1031	SZ11-1041	SZ11-1031	SZ12-1041	SZ12-1031	SZ12-1041	SZ12-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.7	3.1	SZ11-1143	SZ11-1133	SZ11-1043	SZ11-1033	SZ12-1143	SZ12-1133	SZ12-1043	SZ12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.7	2.9	SZ11-1144	SZ11-1134	SZ11-1044	SZ11-1034	SZ12-1144	SZ12-1134	SZ12-1044	SZ12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.7	2.9	SZ11-1145	SZ11-1135	SZ11-1045	SZ11-1035	SZ12-1145	SZ12-1135	SZ12-1045	SZ12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	SZ11-11	SZ11-12	SZ11-13
	no laser mark	SZ11-01	SZ11-02	SZ11-03
.022	with laser mark	SZ12-11	SZ12-12	SZ12-13
	no laser mark	SZ12-01	SZ12-02	SZ12-03

## Self Ligating MBT Brackets 3G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.2	SM11-1011	SM11-1021	SM11-1011	SM11-1021	SM12-1011	SM12-1021	SM12-1011	SM12-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.05	2.9	SM11-1012	SM11-1022	SM11-1012	SM11-1022	SM12-1012	SM12-1022	SM12-1012	SM12-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	3.1	SM11-1113	SM11-1123	SM11-1013	SM11-1023	SM12-1113	SM12-1123	SM12-1013	SM12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.9	SM11-1114	SM11-1124	SM11-1014	SM11-1024	SM12-1114	SM12-1124	SM12-1014	SM12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.7	SM11-1041	SM11-1031	SM11-1041	SM11-1031	SM12-1041	SM12-1031	SM12-1041	SM12-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	3.1	SM11-1143	SM11-1133	SM11-1043	SM11-1033	SM12-1143	SM12-1133	SM12-1043	SM12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.9	SM11-1144	SM11-1134	SM11-1044	SM11-1034	SM12-1144	SM12-1134	SM12-1044	SM12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.9	SM11-1145	SM11-1135	SM11-1045	SM11-1035	SM12-1145	SM12-1135	SM12-1045	SM12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	SM11-11	SM11-12	SM11-13
	no laser mark	SM11-01	SM11-02	SM11-03
.022	with laser mark	SM12-11	SM12-12	SM12-13
	no laser mark	SM12-01	SM12-02	SM12-03

## Self Ligating Roth Brackets Active



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	2.96	SZA1-1011	SZA1-1021	SZA1-1011	SZA1-1021	SZA2-1011	SZA2-1021	SZA2-1011	SZA2-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.1	2.62	SZA1-1012	SZA1-1022	SZA1-1012	SZA1-1022	SZA2-1012	SZA2-1022	SZA2-1012	SZA2-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	2.82	SZA1-1113	SZA1-1123	SZA1-1013	SZA1-1023	SZA2-1113	SZA2-1123	SZA2-1013	SZA2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.75	SZA1-1114	SZA1-1124	SZA1-1014	SZA1-1024	SZA2-1114	SZA2-1124	SZA2-1014	SZA2-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	0.9	2.53	SZA1-1041	SZA1-1031	SZA1-1041	SZA1-1031	SZA2-1041	SZA2-1031	SZA2-1041	SZA2-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.71	SZA1-1143	SZA1-1133	SZA1-1043	SZA1-1033	SZA2-1143	SZA2-1133	SZA2-1043	SZA2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.74	SZA1-1144	SZA1-1134	SZA1-1044	SZA1-1034	SZA2-1144	SZA2-1134	SZA2-1044	SZA2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.74	SZA1-1145	SZA1-1135	SZA1-1045	SZA1-1035	SZA2-1145	SZA2-1135	SZA2-1045	SZA2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	SZA1-11	SZA1-12	SZA1-13
	no laser mark	SZA1-01	SZA1-02	SZA1-03
.022	with laser mark	SZA2-11	SZA2-12	SZA2-13
	no laser mark	SZA2-01	SZA2-02	SZA2-03

## Self Ligating MBT Brackets Active



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.8	2.96	SMA1-1011	SMA1-1021	SMA1-1011	SMA1-1021	SMA2-1011	SMA2-1021	SMA2-1011	SMA2-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.1	2.62	SMA1-1012	SMA1-1022	SMA1-1012	SMA1-1022	SMA2-1012	SMA2-1022	SMA2-1012	SMA2-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.8	2.82	SMA1-1113	SMA1-1123	SMA1-1013	SMA1-1023	SMA2-1113	SMA2-1123	SMA2-1013	SMA2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.75	SMA1-1114	SMA1-1124	SMA1-1014	SMA1-1024	SMA2-1114	SMA2-1124	SMA2-1014	SMA2-1024

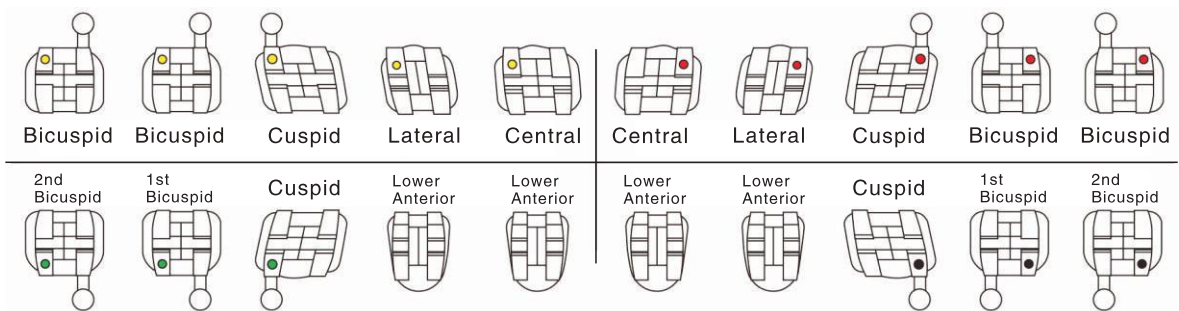
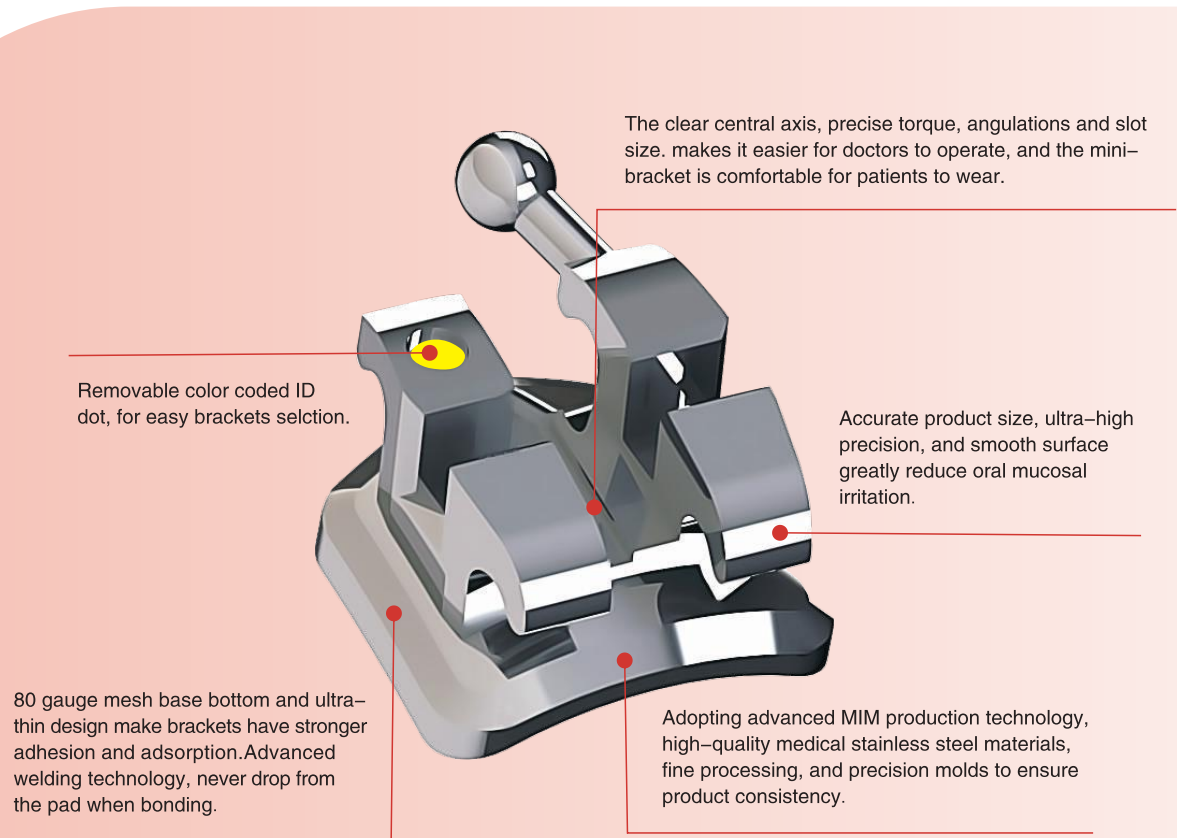
MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.53	SMA1-1041	SMA1-1031	SMA1-1041	SMA1-1031	SMA2-1041	SMA2-1031	SMA2-1041	SMA2-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.8	2.71	SMA1-1143	SMA1-1133	SMA1-1043	SMA1-1033	SMA2-1143	SMA2-1133	SMA2-1043	SMA2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.8	2.74	SMA1-1144	SMA1-1134	SMA1-1044	SMA1-1034	SMA2-1144	SMA2-1134	SMA2-1044	SMA2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.8	2.74	SMA1-1145	SMA1-1135	SMA1-1045	SMA1-1035	SMA2-1145	SMA2-1135	SMA2-1045	SMA2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	SMA1-11	SMA1-12	SMA1-13
	no laser mark	SMA1-01	SMA1-02	SMA1-03
.022	with laser mark	SMA2-11	SMA2-12	SMA2-13
	no laser mark	SMA2-01	SMA2-02	SMA2-03

# MIM Series Brackets >> Mini&Standard Brackets





## MIM Mini Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZ51-1011	TZ51-1021	TZ51-1011	TZ51-1021	TZ52-1011	TZ52-1021	TZ52-1011	TZ52-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZ51-1012	TZ51-1022	TZ51-1012	TZ51-1022	TZ52-1012	TZ52-1022	TZ52-1012	TZ52-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZ51-1113	TZ51-1123	TZ51-1013	TZ51-1023	TZ52-1113	TZ52-1123	TZ52-1013	TZ52-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZ51-1114	TZ51-1124	TZ51-1014	TZ51-1024	TZ52-1114	TZ52-1124	TZ52-1014	TZ52-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.4	TZ51-1041	TZ51-1031	TZ51-1041	TZ51-1031	TZ52-1041	TZ52-1031	TZ52-1041	TZ52-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZ51-1143	TZ51-1133	TZ51-1043	TZ51-1033	TZ52-1143	TZ52-1133	TZ52-1043	TZ52-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZ51-1144	TZ51-1134	TZ51-1044	TZ51-1034	TZ52-1144	TZ52-1134	TZ52-1044	TZ52-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZ51-1145	TZ51-1135	TZ51-1045	TZ51-1035	TZ52-1145	TZ52-1135	TZ52-1045	TZ52-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ51-11	TZ51-12	TZ51-13
	no laser mark	TZ51-01	TZ51-02	TZ51-03
.022	with laser mark	TZ52-11	TZ52-12	TZ52-13
	no laser mark	TZ52-01	TZ52-02	TZ52-03

## MIM Mini Roth Brackets 2G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZ81-1011	TZ81-1021	TZ81-1011	TZ81-1021	TZ82-1011	TZ82-1021	TZ82-1011	TZ82-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZ81-1012	TZ81-1022	TZ81-1012	TZ81-1022	TZ82-1012	TZ82-1022	TZ82-1012	TZ82-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZ81-1113	TZ81-1123	TZ81-1013	TZ81-1023	TZ82-1113	TZ82-1123	TZ82-1013	TZ82-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZ81-1114	TZ81-1124	TZ81-1014	TZ81-1024	TZ82-1114	TZ82-1124	TZ82-1014	TZ82-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZ81-1041	TZ81-1031	TZ81-1041	TZ81-1031	TZ82-1041	TZ82-1031	TZ82-1041	TZ82-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZ81-1143	TZ81-1133	TZ81-1043	TZ81-1033	TZ82-1143	TZ82-1133	TZ82-1043	TZ82-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZ81-1144	TZ81-1134	TZ81-1044	TZ81-1034	TZ82-1144	TZ82-1134	TZ82-1044	TZ82-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZ81-1145	TZ81-1135	TZ81-1045	TZ81-1035	TZ82-1145	TZ82-1135	TZ82-1045	TZ82-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZ81-11	TZ81-12	TZ81-13
.022	set	TZ82-11	TZ82-12	TZ82-13

## MIM Mini MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.1	TM51-1011	TM51-1021	TM51-1011	TM51-1021	TM52-1011	TM52-1021	TM52-1011	TM52-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.8	TM51-1012	TM51-1022	TM51-1012	TM51-1022	TM52-1012	TM52-1022	TM52-1012	TM52-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	2.8	TM51-1113	TM51-1123	TM51-1013	TM51-1023	TM52-1113	TM52-1123	TM52-1013	TM52-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.8	TM51-1114	TM51-1124	TM51-1014	TM51-1024	TM52-1114	TM52-1124	TM52-1014	TM52-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.2	TM51-1041	TM51-1031	TM51-1041	TM51-1031	TM52-1041	TM52-1031	TM52-1041	TM52-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	2.8	TM51-1143	TM51-1133	TM51-1043	TM51-1033	TM52-1143	TM52-1133	TM52-1043	TM52-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.8	TM51-1144	TM51-1134	TM51-1044	TM51-1034	TM52-1144	TM52-1134	TM52-1044	TM52-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.8	TM51-1145	TM51-1135	TM51-1045	TM51-1035	TM52-1145	TM52-1135	TM52-1045	TM52-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM51-11	TM51-12	TM51-13
	no laser mark	TM51-01	TM51-02	TM51-03
.022	with laser mark	TM52-11	TM52-12	TM52-13
	no laser mark	TM52-01	TM52-02	TM52-03

## MIM Mini Edgewise Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	0.7	3	TF51-1011	TF51-1021	TF51-1011	TF51-1021	TF52-1011	TF52-1021	TF52-1011	TF52-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	0.7	2.7	TF51-1012	TF51-1022	TF51-1012	TF51-1022	TF52-1012	TF52-1022	TF52-1012	TF52-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	3	TF51-1113	TF51-1123	TF51-1013	TF51-1023	TF52-1113	TF52-1123	TF52-1013	TF52-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.7	2.7	TF51-1114	TF51-1124	TF51-1014	TF51-1024	TF52-1114	TF52-1124	TF52-1014	TF52-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	0.7	2.3	TF51-1041	TF51-1031	TF51-1041	TF51-1031	TF52-1041	TF52-1031	TF52-1041	TF52-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	2.3	TF51-1143	TF51-1133	TF51-1043	TF51-1033	TF52-1143	TF52-1133	TF52-1043	TF52-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.7	3	TF51-1144	TF51-1134	TF51-1044	TF51-1034	TF52-1144	TF52-1134	TF52-1044	TF52-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	0.7	2.7	TF51-1144	TF51-1134	TF51-1044	TF51-1034	TF52-1144	TF52-1134	TF52-1044	TF52-1034

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TF51-11	TF51-12	TF51-13
	no laser mark	TF51-01	TF51-02	TF51-03
.022	with laser mark	TF52-11	TF52-12	TF52-13
	no laser mark	TF52-01	TF52-02	TF52-03

## MIM Standard Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3.8	TZ41-1011	TZ41-1021	TZ41-1011	TZ41-1021	TZ42-1011	TZ42-1021	TZ42-1011	TZ42-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	3.1	TZ41-1012	TZ41-1022	TZ41-1012	TZ41-1022	TZ42-1012	TZ42-1022	TZ42-1012	TZ42-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3.6	TZ41-1113	TZ41-1123	TZ41-1013	TZ41-1023	TZ42-1113	TZ42-1123	TZ42-1013	TZ42-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	3.1	TZ41-1114	TZ41-1124	TZ41-1014	TZ41-1024	TZ42-1114	TZ42-1124	TZ42-1014	TZ42-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.3	TZ41-1041	TZ41-1031	TZ41-1041	TZ41-1031	TZ42-1041	TZ42-1031	TZ42-1041	TZ42-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	3.1	TZ41-1143	TZ41-1133	TZ41-1043	TZ41-1033	TZ42-1143	TZ42-1133	TZ42-1043	TZ42-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	3.1	TZ41-1144	TZ41-1134	TZ41-1044	TZ41-1034	TZ42-1144	TZ42-1134	TZ42-1044	TZ42-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	3.1	TZ41-1145	TZ41-1135	TZ41-1045	TZ41-1035	TZ42-1145	TZ42-1135	TZ42-1045	TZ42-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ41-11	TZ41-12	TZ41-13
	no laser mark	TZ41-01	TZ41-02	TZ41-03
.022	with laser mark	TZ42-11	TZ42-12	TZ42-13
	no laser mark	TZ42-01	TZ42-02	TZ42-03

## MIM Standard MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.35	TM41-1011	TM41-1021	TM41-1011	TM41-1021	TM42-1011	TM42-1021	TM42-1011	TM42-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.87	TM41-1012	TM41-1022	TM41-1012	TM41-1022	TM42-1012	TM42-1022	TM42-1012	TM42-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	3.12	TM41-1113	TM41-1123	TM41-1013	TM41-1023	TM42-1113	TM42-1123	TM42-1013	TM42-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	3	TM41-1114	TM41-1124	TM41-1014	TM41-1024	TM42-1114	TM42-1124	TM42-1014	TM42-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.34	TM41-1041	TM41-1031	TM41-1041	TM41-1031	TM42-1041	TM42-1031	TM42-1041	TM42-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	3.12	TM41-1143	TM41-1133	TM41-1043	TM41-1033	TM42-1143	TM42-1133	TM42-1043	TM42-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	3	TM41-1144	TM41-1134	TM41-1044	TM41-1034	TM42-1144	TM42-1134	TM42-1044	TM42-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	3	TM41-1145	TM41-1135	TM41-1045	TM41-1035	TM42-1145	TM42-1135	TM42-1045	TM42-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM41-11	TM41-12	TM41-13
	no laser mark	TM41-01	TM41-02	TM41-03
.022	with laser mark	TM42-11	TM42-12	TM42-13
	no laser mark	TM42-01	TM42-02	TM42-03

## MIM Standard MBT Brackets 2G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1 1</u>	17°	4°	0.7	3.4	TM81-1011	TM81-1021	TM81-1011	TM81-1021	TM82-1011	TM82-1021	TM82-1011	TM82-1021
Lateral	<u>2 2</u>	10°	8°	1.08	3	TM81-1012	TM81-1022	TM81-1012	TM81-1022	TM82-1012	TM82-1022	TM82-1012	TM82-1022
Cuspid	<u>3 3</u>	0°	8°	0.7	3.3	TM81-1113	TM81-1123	TM81-1013	TM81-1023	TM82-1113	TM82-1123	TM82-1013	TM82-1023
Bicuspid	<u>4,5 4,5</u>	-7°	0°	0.7	3.1	TM81-1114	TM81-1124	TM81-1014	TM81-1024	TM82-1114	TM82-1124	TM82-1014	TM82-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2 1,2</u>	-6°	0°	0.9	2.5	TM81-1041	TM81-1031	TM81-1041	TM81-1031	TM82-1041	TM82-1031	TM82-1041	TM82-1031
Cuspid	<u>3 3</u>	0°	3°	0.7	3.2	TM81-1143	TM81-1133	TM81-1043	TM81-1033	TM82-1143	TM82-1133	TM82-1043	TM82-1033
1st Bicuspid	<u>4 4</u>	-12°	2°	0.7	3.1	TM81-1144	TM81-1134	TM81-1044	TM81-1034	TM82-1144	TM82-1134	TM82-1044	TM82-1034
2nd Bicuspid	<u>5 5</u>	-17°	2°	0.7	3.1	TM81-1145	TM81-1135	TM81-1045	TM81-1035	TM82-1145	TM82-1135	TM82-1045	TM82-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM81-11	TM81-12	TM81-13
	no laser mark	TM81-01	TM81-02	TM81-03
.022	with laser mark	TM82-11	TM82-12	TM82-13
	no laser mark	TM82-01	TM82-02	TM82-03

## MIM Standard Edgewise Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1 1</u>	0°	0°	0.7	3	TF41-1011	TF41-1021	TF41-1011	TF41-1021	TF42-1011	TF42-1021	TF42-1011	TF42-1021
Lateral	<u>2 2</u>	0°	0°	0.7	2.7	TF41-1012	TF41-1022	TF41-1012	TF41-1022	TF42-1012	TF42-1022	TF42-1012	TF42-1022
Cuspid	<u>3 3</u>	0°	0°	0.7	3	TF41-1113	TF41-1123	TF41-1013	TF41-1023	TF42-1113	TF42-1123	TF42-1013	TF42-1023
Bicuspid	<u>4,5 4,5</u>	0°	0°	0.7	2.7	TF41-1114	TF41-1124	TF41-1014	TF41-1024	TF42-1114	TF42-1124	TF42-1014	TF42-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2 1,2</u>	0°	0°	0.7	2.3	TF41-1041	TF41-1031	TF41-1041	TF41-1031	TF42-1041	TF42-1031	TF42-1041	TF42-1031
Cuspid	<u>3 3</u>	0°	0°	0.7	2.3	TF41-1143	TF41-1133	TF41-1043	TF41-1033	TF42-1143	TF42-1133	TF42-1043	TF42-1033
1st Bicuspid	<u>4 4</u>	0°	0°	0.7	3	TF41-1144	TF41-1134	TF41-1044	TF41-1034	TF42-1144	TF42-1134	TF42-1044	TF42-1034
2nd Bicuspid	<u>5 5</u>	0°	0°	0.7	2.7	TF41-1145	TF41-1135	TF41-1045	TF41-1035	TF42-1145	TF42-1135	TF42-1045	TF42-1035

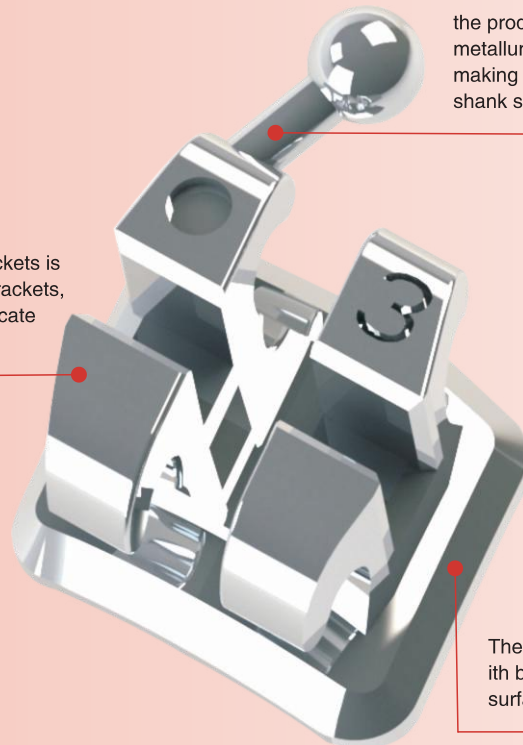
### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TF41-11	TF41-12	TF41-13
	no laser mark	TF41-01	TF41-02	TF41-03
.022	with laser mark	TF42-11	TF42-12	TF42-13
	no laser mark	TF42-01	TF42-02	TF42-03



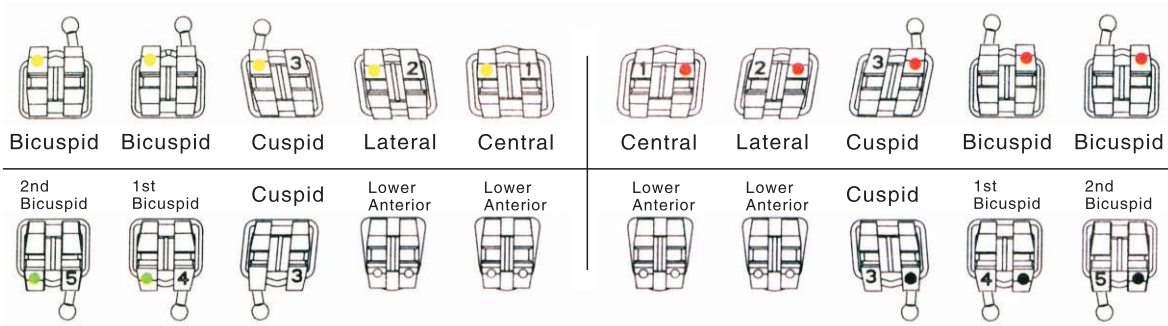
# MIM Series Brackets >> MIM Monoblock Series



The overall size of the brackets is smaller than the general brackets, and the appearance is delicate and beautiful.

the product blank is produced by powder metallurgy process and injection molding, making the surface of the ball head and shank smooth and round.

The bottom of the monoblock brackets is designed with bumps to make the brackets and the tooth surface more fit and the bonding effect is better.



## Monoblock Mini Roth Brackets 1G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZ91-1011	TZ91-1021	TZ91-1011	TZ91-1021	TZ92-1011	TZ92-1021	TZ92-1011	TZ92-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZ91-1012	TZ91-1022	TZ91-1012	TZ91-1022	TZ92-1012	TZ92-1022	TZ92-1012	TZ92-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZ91-1113	TZ91-1123	TZ91-1013	TZ91-1023	TZ92-1113	TZ92-1123	TZ92-1013	TZ92-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZ91-1114	TZ91-1124	TZ91-1014	TZ91-1024	TZ92-1114	TZ92-1124	TZ92-1014	TZ92-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZ91-1041	TZ91-1031	TZ91-1041	TZ91-1031	TZ92-1041	TZ92-1031	TZ92-1041	TZ92-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZ91-1143	TZ91-1133	TZ91-1043	TZ91-1033	TZ92-1143	TZ92-1133	TZ92-1043	TZ92-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZ91-1144	TZ91-1134	TZ91-1044	TZ91-1034	TZ92-1144	TZ92-1134	TZ92-1044	TZ92-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZ91-1145	TZ91-1135	TZ91-1045	TZ91-1035	TZ92-1145	TZ92-1135	TZ92-1045	TZ92-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZ91-11	TZ91-12	TZ91-13
.022	set	TZ92-11	TZ92-12	TZ92-13

## Monoblock Mini Roth Brackets 3G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZ01-1011	TZ01-1021	TZ01-1011	TZ01-1021	TZ02-1011	TZ02-1021	TZ02-1011	TZ02-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZ01-1012	TZ01-1022	TZ01-1012	TZ01-1022	TZ02-1012	TZ02-1022	TZ02-1012	TZ02-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZ01-1113	TZ01-1123	TZ01-1013	TZ01-1023	TZ02-1113	TZ02-1123	TZ02-1013	TZ02-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZ01-1114	TZ01-1124	TZ01-1014	TZ01-1024	TZ02-1114	TZ02-1124	TZ02-1014	TZ02-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZ01-1041	TZ01-1031	TZ01-1041	TZ01-1031	TZ02-1041	TZ02-1031	TZ02-1041	TZ02-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZ01-1143	TZ01-1133	TZ01-1043	TZ01-1033	TZ02-1143	TZ02-1133	TZ02-1043	TZ02-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZ01-1144	TZ01-1134	TZ01-1044	TZ01-1034	TZ02-1144	TZ02-1134	TZ02-1044	TZ02-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZ01-1145	TZ01-1135	TZ01-1045	TZ01-1035	TZ02-1145	TZ02-1135	TZ02-1045	TZ02-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZ01-11	TZ01-12	TZ01-13
.022	set	TZ02-11	TZ02-12	TZ02-13

## Monoblock Mini Roth Brackets 4G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZ71-1011	TZ71-1021	TZ71-1011	TZ71-1021	TZ72-1011	TZ72-1021	TZ72-1011	TZ72-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZ71-1012	TZ71-1022	TZ71-1012	TZ71-1022	TZ72-1012	TZ72-1022	TZ72-1012	TZ72-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZ71-1113	TZ71-1123	TZ71-1013	TZ71-1023	TZ72-1113	TZ72-1123	TZ72-1013	TZ72-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZ71-1114	TZ71-1124	TZ71-1014	TZ71-1024	TZ72-1114	TZ72-1124	TZ72-1014	TZ72-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZ71-1041	TZ71-1031	TZ71-1041	TZ71-1031	TZ72-1041	TZ72-1031	TZ72-1041	TZ72-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZ71-1143	TZ71-1133	TZ71-1043	TZ71-1033	TZ72-1143	TZ72-1133	TZ72-1043	TZ72-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZ71-1144	TZ71-1134	TZ71-1044	TZ71-1034	TZ72-1144	TZ72-1134	TZ72-1044	TZ72-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZ71-1145	TZ71-1135	TZ71-1045	TZ71-1035	TZ72-1145	TZ72-1135	TZ72-1045	TZ72-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZ71-11	TZ71-12	TZ71-13
.022	set	TZ72-11	TZ72-12	TZ72-13

## Monoblock Mini MBT Brackets 1G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3	TM91-1011	TM91-1021	TM91-1011	TM91-1021	TM92-1011	TM92-1021	TM92-1011	TM92-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.8	TM91-1012	TM91-1022	TM91-1012	TM91-1022	TM92-1012	TM92-1022	TM92-1012	TM92-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	2.9	TM91-1113	TM91-1123	TM91-1013	TM91-1023	TM92-1113	TM92-1123	TM92-1013	TM92-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.9	TM91-1114	TM91-1124	TM91-1014	TM91-1024	TM92-1114	TM92-1124	TM92-1014	TM92-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.3	TM91-1041	TM91-1031	TM91-1041	TM91-1031	TM92-1041	TM92-1031	TM92-1041	TM92-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	2.9	TM91-1143	TM91-1133	TM91-1043	TM91-1033	TM92-1143	TM92-1133	TM92-1043	TM92-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.9	TM91-1144	TM91-1134	TM91-1044	TM91-1034	TM92-1144	TM92-1134	TM92-1044	TM92-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.9	TM91-1145	TM91-1135	TM91-1045	TM91-1035	TM92-1145	TM92-1135	TM92-1045	TM92-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TM91-11	TM91-12	TM91-13
.022	set	TM92-11	TM92-12	TM92-13

## Monoblock Mini MBT Brackets 3G



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.1	TM01-1011	TM01-1021	TM01-1011	TM01-1021	TM02-1011	TM02-1021	TM02-1011	TM02-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.8	TM01-1012	TM01-1022	TM01-1012	TM01-1022	TM02-1012	TM02-1022	TM02-1012	TM02-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	2.8	TM01-1113	TM01-1123	TM01-1013	TM01-1023	TM02-1113	TM02-1123	TM02-1013	TM02-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.8	TM01-1114	TM01-1124	TM01-1014	TM01-1024	TM02-1114	TM02-1124	TM02-1014	TM02-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.2	TM01-1041	TM01-1031	TM01-1041	TM01-1031	TM02-1041	TM02-1031	TM02-1041	TM02-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	2.8	TM01-1143	TM01-1133	TM01-1043	TM01-1033	TM02-1143	TM02-1133	TM02-1043	TM02-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.8	TM01-1144	TM01-1134	TM01-1044	TM01-1034	TM02-1144	TM02-1134	TM02-1044	TM02-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.8	TM01-1145	TM01-1135	TM01-1045	TM01-1035	TM02-1145	TM02-1135	TM02-1045	TM02-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TM01-11	TM01-12	TM01-13
.022	set	TM02-11	TM02-12	TM02-13

## Monoblock Mini Edgewise Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	0.6	2.9	TF91-1011	TF91-1021	TF91-1011	TF91-1021	TF92-1011	TF92-1021	TF92-1011	TF92-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	0.6	2.6	TF91-1012	TF91-1022	TF91-1012	TF91-1022	TF92-1012	TF92-1022	TF92-1012	TF92-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.6	2.7	TF91-1113	TF91-1123	TF91-1013	TF91-1023	TF92-1113	TF92-1123	TF92-1013	TF92-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.6	2.7	TF91-1114	TF91-1124	TF91-1014	TF91-1024	TF92-1114	TF92-1124	TF92-1014	TF92-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	0.6	2.3	TF91-1041	TF91-1031	TF91-1041	TF91-1031	TF92-1041	TF92-1031	TF92-1041	TF92-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.6	2.7	TF91-1143	TF91-1133	TF91-1043	TF91-1033	TF92-1143	TF92-1133	TF92-1043	TF92-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.6	2.7	TF91-1144	TF91-1134	TF91-1044	TF91-1034	TF92-1144	TF92-1134	TF92-1044	TF92-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	0.6	2.7	TF91-1144	TF91-1134	TF91-1044	TF91-1034	TF92-1144	TF92-1134	TF92-1044	TF92-1034

### Full Kits ▲▼

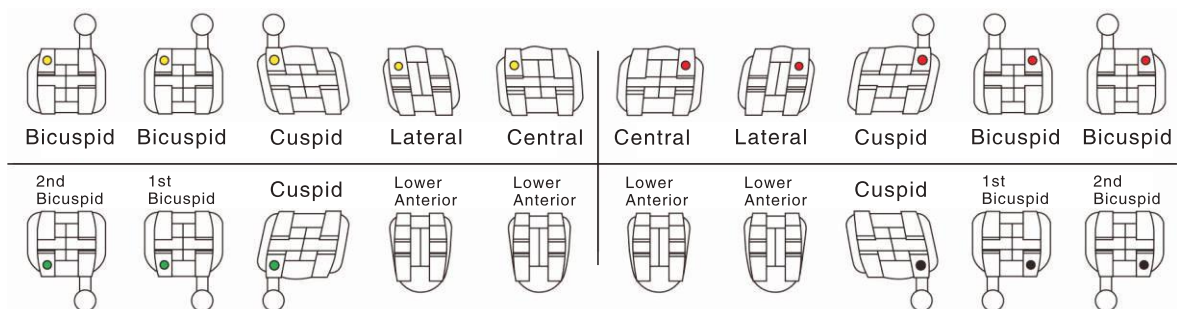
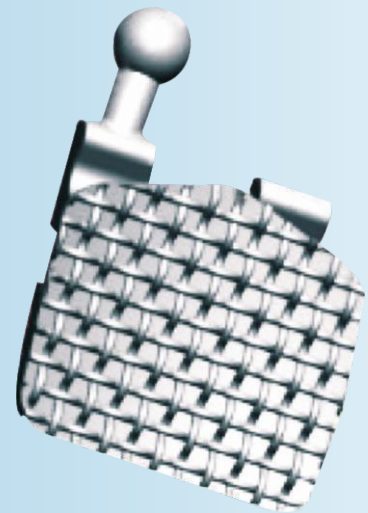
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TF91-01	TF91-02	TF91-03
.022	set	TF92-01	TF92-02	TF92-03



## Advantages of CNC brackets:

1. Low Speed Wire Cut technology ensures smoother surface and lower friction.
2. CNC fine process makes the accuracy of slot more precise, within  $\pm 0.02$  mm.
3. The body and base are laser beam welded together so there would be no solder included; the weld strength is strong; avoid deformation of slot and lose of torque expression under normal welding technology.
4. The mesh base design enlarges adhere area of brackets and reduces the risk of adhesive failure; Vacuum diffusin welding makes sure no solder would be included; The mesh base is not made from MIM material which lower the overall height of bracket; CNC does not use sand blasting technology.
5. Rounded contours make patients feel much more comfortable when wearing our brackets.
6. The bigger gap between base and wings makes it convenient for dentisit to use elastomers.
7. Long axis can help dentist place our brackets more accurate.



## Mini Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.68	3.2	TZ21-1011	TZ21-1021	TZ21-1011	TZ21-1021	TZ22-1011	TZ22-1021	TZ22-1011	TZ22-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.06	2.8	TZ21-1012	TZ21-1022	TZ21-1012	TZ21-1022	TZ22-1012	TZ22-1022	TZ22-1012	TZ22-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.66	3.2	TZ21-1113	TZ21-1123	TZ21-1013	TZ21-1023	TZ22-1113	TZ22-1123	TZ22-1013	TZ22-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.68	2.8	TZ21-1114	TZ21-1124	TZ21-1014	TZ21-1024	TZ22-1114	TZ22-1124	TZ22-1014	TZ22-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.06	2.5	TZ21-1041	TZ21-1031	TZ21-1041	TZ21-1031	TZ22-1041	TZ22-1031	TZ22-1041	TZ22-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.68	2.8	TZ21-1143	TZ21-1133	TZ21-1043	TZ21-1033	TZ22-1143	TZ22-1133	TZ22-1043	TZ22-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.72	2.8	TZ21-1144	TZ21-1134	TZ21-1044	TZ21-1034	TZ22-1144	TZ22-1134	TZ22-1044	TZ22-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.68	2.8	TZ21-1145	TZ21-1135	TZ21-1045	TZ21-1035	TZ22-1145	TZ22-1135	TZ22-1045	TZ22-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ21-11	TZ21-12	TZ21-13
	no laser mark	TZ21-01	TZ21-02	TZ21-03
.022	with laser mark	TZ22-11	TZ22-12	TZ22-13
	no laser mark	TZ22-01	TZ22-02	TZ22-03

## Mini MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.1	TM21-1011	TM21-1021	TM21-1011	TM21-1021	TM22-1011	TM22-1021	TM22-1011	TM22-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.8	TM21-1012	TM21-1022	TM21-1012	TM21-1022	TM22-1012	TM22-1022	TM22-1012	TM22-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	2.8	TM21-1113	TM21-1123	TM21-1013	TM21-1023	TM22-1113	TM22-1123	TM22-1013	TM22-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.8	TM21-1114	TM21-1124	TM21-1014	TM21-1024	TM22-1114	TM22-1124	TM22-1014	TM22-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.2	TM21-1041	TM21-1031	TM21-1041	TM21-1031	TM22-1041	TM22-1031	TM22-1041	TM22-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	2.8	TM21-1143	TM21-1133	TM21-1043	TM21-1033	TM22-1143	TM22-1133	TM22-1043	TM22-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.8	TM21-1144	TM21-1134	TM21-1044	TM21-1034	TM22-1144	TM22-1134	TM22-1044	TM22-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.8	TM21-1145	TM21-1135	TM21-1045	TM21-1035	TM22-1145	TM22-1135	TM22-1045	TM22-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM21-11	TM21-12	TM21-13
	no laser mark	TM21-01	TM21-02	TM21-03
.022	with laser mark	TM22-11	TM22-12	TM22-13
	no laser mark	TM22-01	TM22-02	TM22-03

## Mini Edgewise Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	0.7	3	TF21-1011	TF21-1021	TF21-1011	TF21-1021	TF22-1011	TF22-1021	TF22-1011	TF22-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	0.7	2.7	TF21-1012	TF21-1022	TF21-1012	TF21-1022	TF22-1012	TF22-1022	TF22-1012	TF22-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	3.3	TF21-1113	TF21-1123	TF21-1013	TF21-1023	TF22-1113	TF22-1123	TF22-1013	TF22-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.7	3.2	TF21-1114	TF21-1124	TF21-1014	TF21-1024	TF22-1114	TF22-1124	TF22-1014	TF22-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	0.7	2.3	TF21-1041	TF21-1031	TF21-1041	TF21-1031	TF22-1041	TF22-1031	TF22-1041	TF22-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	3.3	TF21-1143	TF21-1133	TF21-1043	TF21-1033	TF22-1143	TF22-1133	TF22-1043	TF22-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.7	3.2	TF21-1144	TF21-1134	TF21-1044	TF21-1034	TF22-1144	TF22-1134	TF22-1044	TF22-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	0.7	3.2	TF21-1144	TF21-1134	TF21-1044	TF21-1034	TF22-1144	TF22-1134	TF22-1044	TF22-1034

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TF21-11	TF21-12	TF21-13
	no laser mark	TF21-01	TF21-02	TF21-03
.022	with laser mark	TF22-11	TF22-12	TF22-13
	no laser mark	TF22-01	TF22-02	TF22-03

## Mini V-slot Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	1.03	3.2	TZ61-1011	TZ61-1021	TZ61-1011	TZ61-1021	TZ62-1011	TZ62-1021	TZ62-1011	TZ62-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.1	2.8	TZ61-1012	TZ61-1022	TZ61-1012	TZ61-1022	TZ62-1012	TZ62-1022	TZ62-1012	TZ62-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	1	3.2	TZ61-1113	TZ61-1123	TZ61-1013	TZ61-1023	TZ62-1113	TZ62-1123	TZ62-1013	TZ62-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.03	2.8	TZ61-1114	TZ61-1124	TZ61-1014	TZ61-1024	TZ62-1114	TZ62-1124	TZ62-1014	TZ62-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.25	2.5	TZ61-1041	TZ61-1031	TZ61-1041	TZ61-1031	TZ62-1041	TZ62-1031	TZ62-1041	TZ62-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	1.1	2.8	TZ61-1143	TZ61-1133	TZ61-1043	TZ61-1033	TZ62-1143	TZ62-1133	TZ62-1043	TZ62-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	1.03	2.8	TZ61-1144	TZ61-1134	TZ61-1044	TZ61-1034	TZ62-1144	TZ62-1134	TZ62-1044	TZ62-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	1.03	2.8	TZ61-1145	TZ61-1135	TZ61-1045	TZ61-1035	TZ62-1145	TZ62-1135	TZ62-1045	TZ62-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ61-11	TZ61-12	TZ61-13
	no laser mark	TZ61-01	TZ61-02	TZ61-03
.022	with laser mark	TZ62-11	TZ62-12	TZ62-13
	no laser mark	TZ62-01	TZ62-02	TZ62-03

## Mini V-slot MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	1.03	3.2	TM61-1011	TM61-1021	TM61-1011	TM61-1021	TM62-1011	TM62-1021	TM62-1011	TM62-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.1	2.8	TM61-1012	TM61-1022	TM61-1012	TM61-1022	TM62-1012	TM62-1022	TM62-1012	TM62-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	1	2.8	TM61-1113	TM61-1123	TM61-1013	TM61-1023	TM62-1113	TM62-1123	TM62-1013	TM62-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.03	2.8	TM61-1114	TM61-1124	TM61-1014	TM61-1024	TM62-1114	TM62-1124	TM62-1014	TM62-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.25	2.5	TM61-1041	TM61-1031	TM61-1041	TM61-1031	TM62-1041	TM62-1031	TM62-1041	TM62-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	1.1	3	TM61-1143	TM61-1133	TM61-1043	TM61-1033	TM62-1143	TM62-1133	TM62-1043	TM62-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	1.03	2.8	TM61-1144	TM61-1134	TM61-1044	TM61-1034	TM62-1144	TM62-1134	TM62-1044	TM62-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	1.03	2.8	TM61-1145	TM61-1135	TM61-1045	TM61-1035	TM62-1145	TM62-1135	TM62-1045	TM62-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM61-11	TM61-12	TM61-13
	no laser mark	TM61-01	TM61-02	TM61-03
.022	with laser mark	TM62-11	TM62-12	TM62-13
	no laser mark	TM62-01	TM62-02	TM62-03

## Mini Ricketts Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	22°	5°	0.9	3.2	TR21-1011	TR21-1021	TR21-1011	TR21-1021	TR22-1011	TR22-1021	TR22-1011	TR22-1021
Lateral	<u>2</u>   <u>2</u>	14°	8°	0.9	2.6	TR21-1012	TR21-1022	TR21-1012	TR21-1022	TR22-1012	TR22-1022	TR22-1012	TR22-1022
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.75	3	TR21-1113	TR21-1123	TR21-1013	TR21-1023	TR22-1113	TR22-1123	TR22-1013	TR22-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.9	2.8	TR21-1114	TR21-1124	TR21-1014	TR21-1024	TR22-1114	TR22-1124	TR22-1014	TR22-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.46	2.3	TR21-1041	TR21-1031	TR21-1041	TR21-1031	TR22-1041	TR22-1031	TR22-1041	TR22-1031
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.75	2.8	TR21-1143	TR21-1133	TR21-1043	TR21-1033	TR22-1143	TR22-1133	TR22-1043	TR22-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.9	2.8	TR21-1144	TR21-1134	TR21-1044	TR21-1034	TR22-1144	TR22-1134	TR22-1044	TR22-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-11°	0°	0.9	2.8	TR21-1145	TR21-1135	TR21-1045	TR21-1035	TR22-1145	TR22-1135	TR22-1045	TR22-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TR21-11	TR21-12	TR21-13
	no laser mark	TR21-01	TR21-02	TR21-03
.022	with laser mark	TR22-11	TR22-12	TR22-13
	no laser mark	TR22-01	TR22-02	TR22-03



## Standard Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3.6	TZ11-1011	TZ11-1021	TZ11-1011	TZ11-1021	TZ12-1011	TZ12-1021	TZ12-1011	TZ12-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.9	TZ11-1012	TZ11-1022	TZ11-1012	TZ11-1022	TZ12-1012	TZ12-1022	TZ12-1012	TZ12-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3.3	TZ11-1113	TZ11-1123	TZ11-1013	TZ11-1023	TZ12-1113	TZ12-1123	TZ12-1013	TZ12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	3.2	TZ11-1114	TZ11-1124	TZ11-1014	TZ11-1024	TZ12-1114	TZ12-1124	TZ12-1014	TZ12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZ11-1041	TZ11-1031	TZ11-1041	TZ11-1031	TZ12-1041	TZ12-1031	TZ12-1041	TZ12-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	3.2	TZ11-1143	TZ11-1133	TZ11-1043	TZ11-1033	TZ12-1143	TZ12-1133	TZ12-1043	TZ12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	3.2	TZ11-1144	TZ11-1134	TZ11-1044	TZ11-1034	TZ12-1144	TZ12-1134	TZ12-1044	TZ12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	3.2	TZ11-1145	TZ11-1135	TZ11-1045	TZ11-1035	TZ12-1145	TZ12-1135	TZ12-1045	TZ12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ11-11	TZ11-12	TZ11-13
	no laser mark	TZ11-01	TZ11-02	TZ11-03
.022	with laser mark	TZ12-11	TZ12-12	TZ12-13
	no laser mark	TZ12-01	TZ12-02	TZ12-03

## Standard MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.6	TM11-1011	TM11-1021	TM11-1011	TM11-1021	TM12-1011	TM12-1021	TM12-1011	TM12-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.1	2.9	TM11-1012	TM11-1022	TM11-1012	TM11-1022	TM12-1012	TM12-1022	TM12-1012	TM12-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	3.3	TM11-1113	TM11-1123	TM11-1013	TM11-1023	TM12-1113	TM12-1123	TM12-1013	TM12-1023
Bicuspid	<u>4</u>   <u>4</u>	-7°	0°	0.7	3.2	TM11-1114	TM11-1124	TM11-1014	TM11-1024	TM12-1114	TM12-1124	TM12-1014	TM12-1024
Bicuspid	<u>5</u>   <u>5</u>	-7°	0°	0.9	3.2	TM11-1115	TM11-1125	TM11-1015	TM11-1025	TM12-1115	TM12-1125	TM12-1015	TM12-1025

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.1	2.7	TM11-1041	TM11-1031	TM11-1041	TM11-1031	TM12-1041	TM12-1031	TM12-1041	TM12-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	3.2	TM11-1143	TM11-1133	TM11-1043	TM11-1033	TM12-1143	TM12-1133	TM12-1043	TM12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	3.2	TM11-1144	TM11-1134	TM11-1044	TM11-1034	TM12-1144	TM12-1134	TM12-1044	TM12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	3.2	TM11-1145	TM11-1135	TM11-1045	TM11-1035	TM12-1145	TM12-1135	TM12-1045	TM12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM11-11	TM11-12	TM11-13
	no laser mark	TM11-01	TM11-02	TM11-03
.022	with laser mark	TM12-11	TM12-12	TM12-13
	no laser mark	TM12-01	TM12-02	TM12-03

## Standard Edgewise Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	0.7	3.3	TF11-1011	TF11-1021	TF11-1011	TF11-1021	TF12-1011	TF12-1021	TF12-1011	TF12-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	0.7	3	TF11-1012	TF11-1022	TF11-1012	TF11-1022	TF12-1012	TF12-1022	TF12-1012	TF12-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	3.6	TF11-1113	TF11-1123	TF11-1013	TF11-1023	TF12-1113	TF12-1123	TF12-1013	TF12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.7	3.3	TF11-1114	TF11-1124	TF11-1014	TF11-1024	TF12-1114	TF12-1124	TF12-1014	TF12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	0.7	2.5	TF11-1041	TF11-1031	TF11-1041	TF11-1031	TF12-1041	TF12-1031	TF12-1041	TF12-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	0.7	3.6	TF11-1143	TF11-1133	TF11-1043	TF11-1033	TF12-1143	TF12-1133	TF12-1043	TF12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.7	3.3	TF11-1144	TF11-1134	TF11-1044	TF11-1034	TF12-1144	TF12-1134	TF12-1044	TF12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	0.7	3.3	TF11-1144	TF11-1134	TF11-1044	TF11-1034	TF12-1144	TF12-1134	TF12-1044	TF12-1034

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TF11-11	TF11-12	TF11-13
	no laser mark	TF11-01	TF11-02	TF11-03
.022	with laser mark	TF12-11	TF12-12	TF12-13
	no laser mark	TF12-01	TF12-02	TF12-03

## Standard V-slot Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.95	3.4	TZ31-1011	TZ31-1021	TZ31-1011	TZ31-1021	TZ32-1011	TZ32-1021	TZ32-1011	TZ32-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.43	2.8	TZ31-1012	TZ31-1022	TZ31-1012	TZ31-1022	TZ32-1012	TZ32-1022	TZ32-1012	TZ32-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	1.05	3	TZ31-1113	TZ31-1123	TZ31-1013	TZ31-1023	TZ32-1113	TZ32-1123	TZ32-1013	TZ32-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.05	2.8	TZ31-1114	TZ31-1124	TZ31-1014	TZ31-1024	TZ32-1114	TZ32-1124	TZ32-1014	TZ32-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.43	2.5	TZ31-1041	TZ31-1031	TZ31-1041	TZ31-1031	TZ32-1041	TZ32-1031	TZ32-1041	TZ32-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	1.05	2.8	TZ31-1143	TZ31-1133	TZ31-1043	TZ31-1033	TZ32-1143	TZ32-1133	TZ32-1043	TZ32-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	1.08	2.8	TZ31-1144	TZ31-1134	TZ31-1044	TZ31-1034	TZ32-1144	TZ32-1134	TZ32-1044	TZ32-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	1.11	2.8	TZ31-1145	TZ31-1135	TZ31-1045	TZ31-1035	TZ32-1145	TZ32-1135	TZ32-1045	TZ32-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZ31-11	TZ31-12	TZ31-13
	no laser mark	TZ31-01	TZ31-02	TZ31-03
.022	with laser mark	TZ32-11	TZ32-12	TZ32-13
	no laser mark	TZ32-01	TZ32-02	TZ32-03

## Standard V-slot MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.95	3.4	TM31-1011	TM31-1021	TM31-1011	TM31-1021	TM32-1011	TM32-1021	TM32-1011	TM32-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.43	2.8	TM31-1012	TM31-1022	TM31-1012	TM31-1022	TM32-1012	TM32-1022	TM32-1012	TM32-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	1.05	3	TM31-1113	TM31-1123	TM31-1013	TM31-1023	TM32-1113	TM32-1123	TM32-1013	TM32-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.05	2.8	TM31-1114	TM31-1124	TM31-1014	TM31-1024	TM32-1114	TM32-1124	TM32-1014	TM32-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.43	2.5	TM31-1041	TM31-1031	TM31-1041	TM31-1031	TM32-1041	TM32-1031	TM32-1041	TM32-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	1.05	2.8	TM31-1143	TM31-1133	TM31-1043	TM31-1033	TM32-1143	TM32-1133	TM32-1043	TM32-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	1.08	2.8	TM31-1144	TM31-1134	TM31-1044	TM31-1034	TM32-1144	TM32-1134	TM32-1044	TM32-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	1.11	2.8	TM31-1145	TM31-1135	TM31-1045	TM31-1035	TM32-1145	TM32-1135	TM32-1045	TM32-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TM31-11	TM31-12	TM31-13
	no laser mark	TM31-01	TM31-02	TM31-03
.022	with laser mark	TM32-11	TM32-12	TM32-13
	no laser mark	TM32-01	TM32-02	TM32-03

## Standard Ricketts Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	22°	5°	0.95	3.6	TR11-1011	TR11-1021	TR11-1011	TR11-1021	TR12-1011	TR12-1021	TR12-1011	TR12-1021
Lateral	<u>2</u>   <u>2</u>	14°	8°	0.95	2.9	TR11-1012	TR11-1022	TR11-1012	TR11-1022	TR12-1012	TR12-1022	TR12-1012	TR12-1022
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.8	3.3	TR11-1113	TR11-1123	TR11-1013	TR11-1023	TR12-1113	TR12-1123	TR12-1013	TR12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	0.95	3.15	TR11-1114	TR11-1124	TR11-1014	TR11-1024	TR12-1114	TR12-1124	TR12-1014	TR12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.55	2.5	TR11-1041	TR11-1031	TR11-1041	TR11-1031	TR12-1041	TR12-1031	TR12-1041	TR12-1031
Cuspid	<u>3</u>   <u>3</u>	7°	5°	0.8	3.3	TR11-1143	TR11-1133	TR11-1043	TR11-1033	TR12-1143	TR12-1133	TR12-1043	TR12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	0.95	3.15	TR11-1144	TR11-1134	TR11-1044	TR11-1034	TR12-1144	TR12-1134	TR12-1044	TR12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-11°	0°	0.94	3.15	TR11-1145	TR11-1135	TR11-1045	TR11-1035	TR12-1145	TR12-1135	TR12-1045	TR12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TR11-11	TR11-12	TR11-13
	no laser mark	TR11-01	TR11-02	TR11-03
.022	with laser mark	TR12-11	TR12-12	TR12-13
	no laser mark	TR12-01	TR12-02	TR12-03

## Standard Gemini Roth Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3.55	TG11-1011	TG11-1021	TG11-1011	TG11-1021	TG12-1011	TG12-1021	TG12-1011	TG12-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	0.8	2.85	TG11-1012	TG11-1022	TG11-1012	TG11-1022	TG12-1012	TG12-1022	TG12-1012	TG12-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3.35	TG11-1113	TG11-1123	TG11-1013	TG11-1023	TG12-1113	TG12-1123	TG12-1013	TG12-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	3.2	TG11-1114	TG11-1124	TG11-1014	TG11-1024	TG12-1114	TG12-1124	TG12-1014	TG12-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.2	2.6	TG11-1041	TG11-1031	TG11-1041	TG11-1031	TG12-1041	TG12-1031	TG12-1041	TG12-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	3.35	TG11-1143	TG11-1133	TG11-1043	TG11-1033	TG12-1143	TG12-1133	TG12-1043	TG12-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.81	3.2	TG11-1144	TG11-1134	TG11-1044	TG11-1034	TG12-1144	TG12-1134	TG12-1044	TG12-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.83	3.2	TG11-1145	TG11-1135	TG11-1045	TG11-1035	TG12-1145	TG12-1135	TG12-1045	TG12-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TG11-11	TG11-12	TG11-13
	no laser mark	TG11-01	TG11-02	TG11-03
.022	with laser mark	TG12-11	TG12-12	TG12-13
	no laser mark	TG12-01	TG12-02	TG12-03

## Standard Gemini MBT Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.81	3.55	TG31-1011	TG31-1021	TG31-1011	TG31-1021	TG32-1011	TG32-1021	TG32-1011	TG32-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.1	2.85	TG31-1012	TG31-1022	TG31-1012	TG31-1022	TG32-1012	TG32-1022	TG32-1012	TG32-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.8	3.35	TG31-1113	TG31-1123	TG31-1013	TG31-1023	TG32-1113	TG32-1123	TG32-1013	TG32-1023
Bicuspid	<u>4</u>   <u>4</u>	-7°	0°	0.8	3.2	TG31-1114	TG31-1124	TG31-1014	TG31-1024	TG32-1114	TG32-1124	TG32-1014	TG32-1024
Bicuspid	<u>5</u>   <u>5</u>	-7°	0°	1.03	3.2	TG31-1114	TG31-1124	TG31-1014	TG31-1024	TG32-1114	TG32-1124	TG32-1014	TG32-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.2	2.6	TG31-1041	TG31-1031	TG31-1041	TG31-1031	TG32-1041	TG32-1031	TG32-1041	TG32-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.8	3.35	TG31-1143	TG31-1133	TG31-1043	TG31-1033	TG32-1143	TG32-1133	TG32-1043	TG32-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.79	3.2	TG31-1144	TG31-1134	TG31-1044	TG31-1034	TG32-1144	TG32-1134	TG32-1044	TG32-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.82	3.2	TG31-1145	TG31-1135	TG31-1045	TG31-1035	TG32-1145	TG32-1135	TG32-1045	TG32-1035

### Full Kits ▲▼

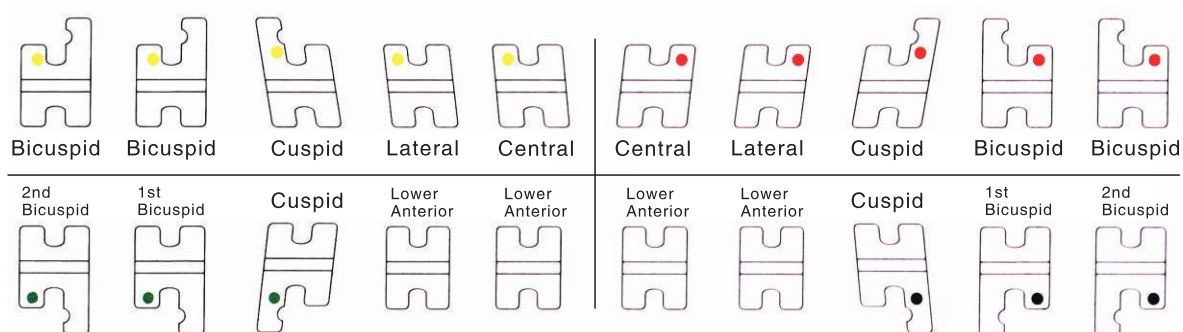
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TG31-11	TG31-12	TG31-13
	no laser mark	TG31-01	TG31-02	TG31-03
.022	with laser mark	TG32-11	TG32-12	TG32-13
	no laser mark	TG32-01	TG32-02	TG32-03

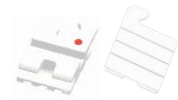


## Advantages of Ceramic Brackets:

1. Advanced material: The MIX of advanced copolymers and ceramic material creates a translucent clearness for superior esthetics; and a hardness that doesn't flex, break, or stain.
2. Low friction: The combination of innovative technology and a unique fusion of material produces a "Glass-like appearance" for the lowest frictional resistance of any esthetic bracket, resulting in unmatched sliding mechanics, for the best tooth movement with minimal forces.



## Ceramic Roth Brackets Three Groove



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	1.2	3.5	TZC1-1011	TZC1-1021	TZC1-1011	TZC1-1021	TZC2-1011	TZC2-1021	TZC2-1011	TZC2-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.5	3.3	TZC1-1012	TZC1-1022	TZC1-1012	TZC1-1022	TZC2-1012	TZC2-1022	TZC2-1012	TZC2-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	1.2	3.5	TZC1-1113	TZC1-1123	TZC1-1013	TZC1-1023	TZC2-1113	TZC2-1123	TZC2-1013	TZC2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.2	3.4	TZC1-1114	TZC1-1124	TZC1-1014	TZC1-1024	TZC2-1114	TZC2-1124	TZC2-1014	TZC2-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.5	3	TZC1-1041	TZC1-1031	TZC1-1041	TZC1-1031	TZC2-1041	TZC2-1031	TZC2-1041	TZC2-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	1.2	3.3	TZC1-1143	TZC1-1133	TZC1-1043	TZC1-1033	TZC2-1143	TZC2-1133	TZC2-1043	TZC2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	1.2	3.4	TZC1-1144	TZC1-1134	TZC1-1044	TZC1-1034	TZC2-1144	TZC2-1134	TZC2-1044	TZC2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	1.2	3.4	TZC1-1145	TZC1-1135	TZC1-1045	TZC1-1035	TZC2-1145	TZC2-1135	TZC2-1045	TZC2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZC1-01	TZC1-02	TZC1-03
.022	set	TZC2-01	TZC2-02	TZC2-03

## Ceramic MBT Brackets Three Groove



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	1.2	3.3	TMC1-1011	TMC1-1021	TMC1-1011	TMC1-1021	TMC2-1011	TMC2-1021	TMC2-1011	TMC2-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.5	3	TMC1-1012	TMC1-1022	TMC1-1012	TMC1-1022	TMC2-1012	TMC2-1022	TMC2-1012	TMC2-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	1.2	3.6	TMC1-1113	TMC1-1123	TMC1-1013	TMC1-1023	TMC2-1113	TMC2-1123	TMC2-1013	TMC2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.2	3.3	TMC1-1114	TMC1-1124	TMC1-1014	TMC1-1024	TMC2-1114	TMC2-1124	TMC2-1014	TMC2-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.5	2.5	TMC1-1041	TMC1-1031	TMC1-1041	TMC1-1031	TMC2-1041	TMC2-1031	TMC2-1041	TMC2-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	1.2	3.6	TMC1-1143	TMC1-1133	TMC1-1043	TMC1-1033	TMC2-1143	TMC2-1133	TMC2-1043	TMC2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	1.2	3.3	TMC1-1144	TMC1-1134	TMC1-1044	TMC1-1034	TMC2-1144	TMC2-1134	TMC2-1044	TMC2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	1.2	3.3	TMC1-1145	TMC1-1135	TMC1-1045	TMC1-1035	TMC2-1145	TMC2-1135	TMC2-1045	TMC2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TMC1-01	TMC1-02	TMC1-03
.022	set	TMC2-01	TMC2-02	TMC2-03



## Ceramic Edgewise Brackets Three Groove



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	1.2	3	TFC1-1011	TFC1-1021	TFC1-1011	TFC1-1021	TFC2-1011	TFC2-1021	TFC2-1011	TFC2-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	1.2	3.4	TFC1-1012	TFC1-1022	TFC1-1012	TFC1-1022	TFC2-1012	TFC2-1022	TFC2-1012	TFC2-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	1.2	3.4	TFC1-1113	TFC1-1123	TFC1-1013	TFC1-1023	TFC2-1113	TFC2-1123	TFC2-1013	TFC2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	1.2	3.4	TFC1-1114	TFC1-1124	TFC1-1014	TFC1-1024	TFC2-1114	TFC2-1124	TFC2-1014	TFC2-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	1.2	3	TFC1-1041	TFC1-1031	TFC1-1041	TFC1-1031	TFC2-1041	TFC2-1031	TFC2-1041	TFC2-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	1.2	3.4	TFC1-1143	TFC1-1133	TFC1-1043	TFC1-1033	TFC2-1143	TFC2-1133	TFC2-1043	TFC2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	1.2	3.4	TFC1-1144	TFC1-1134	TFC1-1044	TFC1-1034	TFC2-1144	TFC2-1134	TFC2-1044	TFC2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	1.2	3.4	TFC1-1144	TFC1-1134	TFC1-1044	TFC1-1034	TFC2-1144	TFC2-1134	TFC2-1044	TFC2-1034

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TFC1-01	TFC1-02	TFC1-03
.022	set	TFC2-01	TFC2-02	TFC2-03

## Ceramic Roth Brackets Gridding



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	1.2	3.5	TZC3-1011	TZC3-1021	TZC3-1011	TZC3-1021	TZC4-1011	TZC4-1021	TZC4-1011	TZC4-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.5	3.3	TZC3-1012	TZC3-1022	TZC3-1012	TZC3-1022	TZC4-1012	TZC4-1022	TZC4-1012	TZC4-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	1.2	3.5	TZC3-1113	TZC3-1123	TZC3-1013	TZC3-1023	TZC4-1113	TZC4-1123	TZC4-1013	TZC4-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.2	3.4	TZC3-1114	TZC3-1124	TZC3-1014	TZC3-1024	TZC4-1114	TZC4-1124	TZC4-1014	TZC4-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.5	3	TZC3-1041	TZC3-1031	TZC3-1041	TZC3-1031	TZC4-1041	TZC4-1031	TZC4-1041	TZC4-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	1.2	3.3	TZC3-1143	TZC3-1133	TZC3-1043	TZC3-1033	TZC4-1143	TZC4-1133	TZC4-1043	TZC4-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	1.2	3.4	TZC3-1144	TZC3-1134	TZC3-1044	TZC3-1034	TZC4-1144	TZC4-1134	TZC4-1044	TZC4-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	1.2	3.4	TZC3-1145	TZC3-1135	TZC3-1045	TZC3-1035	TZC4-1145	TZC4-1135	TZC4-1045	TZC4-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZC3-01	TZC3-02	TZC3-03
.022	set	TZC4-01	TZC4-02	TZC4-03

## Ceramic MBT Brackets Gridding



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	1.2	3.3	TMC3-1011	TMC3-1021	TMC3-1011	TMC3-1021	TMC4-1011	TMC4-1021	TMC4-1011	TMC4-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.5	3	TMC3-1012	TMC3-1022	TMC3-1012	TMC3-1022	TMC4-1012	TMC4-1022	TMC4-1012	TMC4-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	1.2	3.6	TMC3-1113	TMC3-1123	TMC3-1013	TMC3-1023	TMC4-1113	TMC4-1123	TMC4-1013	TMC4-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	1.2	3.3	TMC3-1114	TMC3-1124	TMC3-1014	TMC3-1024	TMC4-1114	TMC4-1124	TMC4-1014	TMC4-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	1.5	2.5	TMC3-1041	TMC3-1031	TMC3-1041	TMC3-1031	TMC4-1041	TMC4-1031	TMC4-1041	TMC4-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	1.2	3.6	TMC3-1143	TMC3-1133	TMC3-1043	TMC3-1033	TMC4-1143	TMC4-1133	TMC4-1043	TMC4-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	1.2	3.3	TMC3-1144	TMC3-1134	TMC3-1044	TMC3-1034	TMC4-1144	TMC4-1134	TMC4-1044	TMC4-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	1.2	3.3	TMC3-1145	TMC3-1135	TMC3-1045	TMC3-1035	TMC4-1145	TMC4-1135	TMC4-1045	TMC4-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TMC3-01	TMC3-02	TMC3-03
.022	set	TMC4-01	TMC4-02	TMC4-03

## Ceramic Edgewise Brackets Gridding



MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	0°	0°	1.2	3.6	TFC3-1011	TFC3-1021	TFC3-1011	TFC3-1021	TFC4-1011	TFC4-1021	TFC4-1011	TFC4-1021
Lateral	<u>2</u>   <u>2</u>	0°	0°	1.2	3.4	TFC3-1012	TFC3-1022	TFC3-1012	TFC3-1022	TFC4-1012	TFC4-1022	TFC4-1012	TFC4-1022
Cuspid	<u>3</u>   <u>3</u>	0°	0°	1.2	3.4	TFC3-1113	TFC3-1123	TFC3-1013	TFC3-1023	TFC4-1113	TFC4-1123	TFC4-1013	TFC4-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	0°	0°	1.2	3.4	TFC3-1114	TFC3-1124	TFC3-1014	TFC3-1024	TFC4-1114	TFC4-1124	TFC4-1014	TFC4-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	0°	0°	1.2	3	TFC3-1041	TFC3-1031	TFC3-1041	TFC3-1031	TFC4-1041	TFC4-1031	TFC4-1041	TFC4-1031
Cuspid	<u>3</u>   <u>3</u>	0°	0°	1.2	3.4	TFC3-1143	TFC3-1133	TFC3-1043	TFC3-1033	TFC4-1143	TFC4-1133	TFC4-1043	TFC4-1033
1st Bicuspid	<u>4</u>   <u>4</u>	0°	0°	1.2	3.4	TFC3-1144	TFC3-1134	TFC3-1044	TFC3-1034	TFC4-1144	TFC4-1134	TFC4-1044	TFC4-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	0°	0°	1.2	3.4	TFC3-1145	TFC3-1135	TFC3-1045	TFC3-1035	TFC4-1145	TFC4-1135	TFC4-1045	TFC4-1035

### Full Kits ▲▼

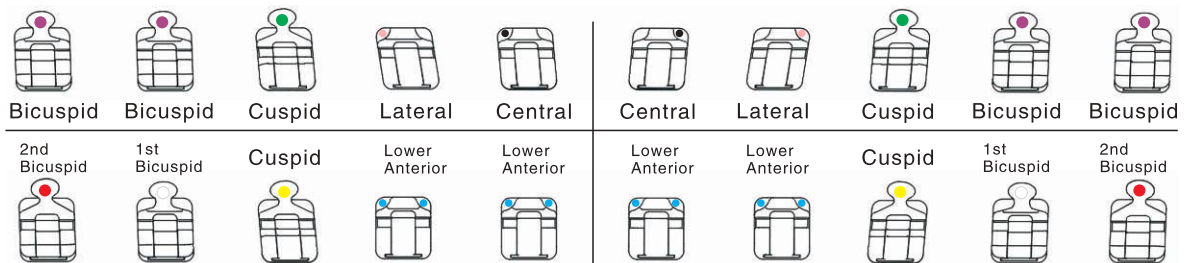
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TFC3-01	TFC3-02	TFC3-03
.022	set	TFC4-01	TFC4-02	TFC4-03



## Advantages of Ceramic Self Ligating Brackets 7G:

1. Ceramic Self-Ligating Bracket is made from ceramic materials that compares to the strength and performance of metal.
2. A highly esthetic self-ligating bracket made from a special ceramic materials with a rhodium processed clip for enhanced esthetics.
3. The natural color makes the bracket a perfect fit for patients concerned about esthetics while delivering functionality comparable to metal brackets.



## Self Ligating Roth Brackets 7G



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	3.8	SZ71-1011	SZ71-1021	SZ71-1011	SZ71-1021	SZ72-1011	SZ72-1021	SZ72-1011	SZ72-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	3.1	SZ71-1012	SZ71-1022	SZ71-1012	SZ71-1022	SZ72-1012	SZ72-1022	SZ72-1012	SZ72-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	3.6	SZ71-1113	SZ71-1123	SZ71-1013	SZ71-1023	SZ72-1113	SZ72-1123	SZ72-1013	SZ72-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	3.1	SZ71-1114	SZ71-1124	SZ71-1014	SZ71-1024	SZ72-1114	SZ72-1124	SZ72-1014	SZ72-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	2.3	SZ71-1041	SZ71-1031	SZ71-1041	SZ71-1031	SZ72-1041	SZ72-1031	SZ72-1041	SZ72-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	3.1	SZ71-1143	SZ71-1133	SZ71-1043	SZ71-1033	SZ72-1143	SZ72-1133	SZ72-1043	SZ72-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	3.1	SZ71-1144	SZ71-1134	SZ71-1044	SZ71-1034	SZ72-1144	SZ72-1134	SZ72-1044	SZ72-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	3.1	SZ71-1145	SZ71-1135	SZ71-1045	SZ71-1035	SZ72-1145	SZ72-1135	SZ72-1045	SZ72-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	SZ71-01	SZ71-02	SZ71-03
.022	set	SZ72-01	SZ72-02	SZ72-03

## Self Ligating MBT Brackets 7G



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	3.35	SM71-1011	SM71-1021	SM71-1011	SM71-1021	SM72-1011	SM72-1021	SM72-1011	SM72-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	2.87	SM71-1012	SM71-1022	SM71-1012	SM71-1022	SM72-1012	SM72-1022	SM72-1012	SM72-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	3.12	SM71-1113	SM71-1123	SM71-1013	SM71-1023	SM72-1113	SM72-1123	SM72-1013	SM72-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	3	SM71-1114	SM71-1124	SM71-1014	SM71-1024	SM72-1114	SM72-1124	SM72-1014	SM72-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	2.34	SM71-1041	SM71-1031	SM71-1041	SM71-1031	SM72-1041	SM72-1031	SM72-1041	SM72-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	3.12	SM71-1143	SM71-1133	SM71-1043	SM71-1033	SM72-1143	SM72-1133	SM72-1043	SM72-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	3	SM71-1144	SM71-1134	SM71-1044	SM71-1034	SM72-1144	SM72-1134	SM72-1044	SM72-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	3	SM71-1145	SM71-1135	SM71-1045	SM71-1035	SM72-1145	SM72-1135	SM72-1045	SM72-1035

### Full Kits ▲▼

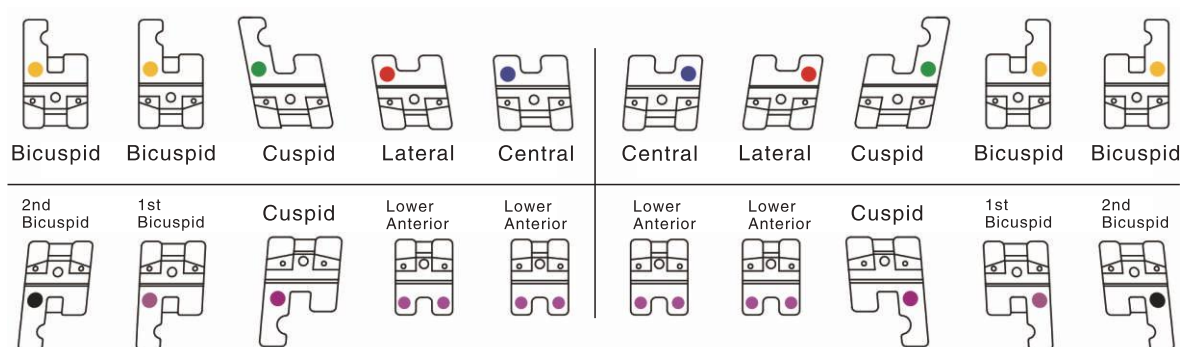
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	SM71-01	SM71-02	SM71-03
.022	set	SM72-01	SM72-02	SM72-03



## Advantages of Ceramic Self Ligating Brackets 2G:

1. The rounded and smooth shape improves the comfort of patients.
2. The shape is exquisite and clear, smooth and round, beautiful to clean, born for beauty.
3. The curved hook design increases the wearing comfort.



## Self Ligating Roth Brackets 2G



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	1   1	11°	4°	3.3	SZ91-1011	SZ91-1021	SZ91-1011	SZ91-1021	SZ92-1011	SZ92-1021	SZ92-1011	SZ92-1021
Lateral	2   2	8°	9°	3	SZ91-1012	SZ91-1022	SZ91-1012	SZ91-1022	SZ92-1012	SZ92-1022	SZ92-1012	SZ92-1022
Cuspid	3   3	-2°	8°	3.4	SZ91-1113	SZ91-1123	SZ91-1013	SZ91-1023	SZ92-1113	SZ92-1123	SZ92-1013	SZ92-1023
Bicuspid	4,5   4,5	-7°	0°	3.3	SZ91-1114	SZ91-1124	SZ91-1014	SZ91-1024	SZ92-1114	SZ92-1124	SZ92-1014	SZ92-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	1,2   1,2	0°	0°	2.9	SZ91-1041	SZ91-1031	SZ91-1041	SZ91-1031	SZ92-1041	SZ92-1031	SZ92-1041	SZ92-1031
Cuspid	3   3	-11°	7°	3.4	SZ91-1143	SZ91-1133	SZ91-1043	SZ91-1033	SZ92-1143	SZ92-1133	SZ92-1043	SZ92-1033
1st Bicuspid	4   4	-17°	3°	3.3	SZ91-1144	SZ91-1134	SZ91-1044	SZ91-1034	SZ92-1144	SZ92-1134	SZ92-1044	SZ92-1034
2nd Bicuspid	5   5	-21°	6°	3.3	SZ91-1145	SZ91-1135	SZ91-1045	SZ91-1035	SZ92-1145	SZ92-1135	SZ92-1045	SZ92-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	SZ91-01	SZ91-02	SZ91-03
.022	set	SZ92-01	SZ92-02	SZ92-03

## Self Ligating MBT Brackets 2G



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	1   1	17°	4°	3.35	SM91-1011	SM91-1021	SM91-1011	SM91-1021	SM92-1011	SM92-1021	SM92-1011	SM92-1021
Lateral	2   2	10°	8°	2.87	SM91-1012	SM91-1022	SM91-1012	SM91-1022	SM92-1012	SM92-1022	SM92-1012	SM92-1022
Cuspid	3   3	0°	8°	3.12	SM91-1113	SM91-1123	SM91-1013	SM91-1023	SM92-1113	SM92-1123	SM92-1013	SM92-1023
Bicuspid	4,5   4,5	-7°	0°	3	SM91-1114	SM91-1124	SM91-1014	SM91-1024	SM92-1114	SM92-1124	SM92-1014	SM92-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	1,2   1,2	-6°	0°	2.34	SM91-1041	SM91-1031	SM91-1041	SM91-1031	SM92-1041	SM92-1031	SM92-1041	SM92-1031
Cuspid	3   3	0°	3°	3.12	SM91-1143	SM91-1133	SM91-1043	SM91-1033	SM92-1143	SM92-1133	SM92-1043	SM92-1033
1st Bicuspid	4   4	-12°	2°	3	SM91-1144	SM91-1134	SM91-1044	SM91-1034	SM92-1144	SM92-1134	SM92-1044	SM92-1034
2nd Bicuspid	5   5	-17°	2°	3	SM91-1145	SM91-1135	SM91-1045	SM91-1035	SM92-1145	SM92-1135	SM92-1045	SM92-1035

### Full Kits ▲▼

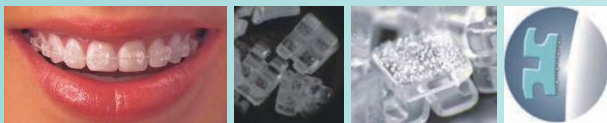
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	SM91-01	SM91-02	SM91-03
.022	set	SM92-01	SM92-02	SM92-03



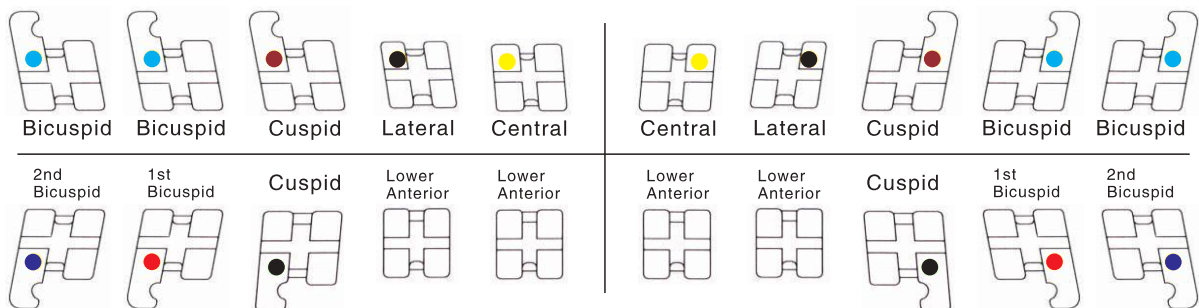


## Advantages of Sapphire Brackets:



1. Using special plating and processing technology, easy to install and remove.
2. The rounded corners and ultra-thin design make installation more convenient.

3. Single crystal sapphire is super transparent, elegant and suitable for any tooth.



## Sapphire Roth Brackets



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	3.2	TZS1-1011	TZS1-1021	TZS1-1011	TZS1-1021	TZS2-1011	TZS2-1021	TZS2-1011	TZS2-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	2.9	TZS1-1012	TZS1-1022	TZS1-1012	TZS1-1022	TZS2-1012	TZS2-1022	TZS2-1012	TZS2-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	3.4	TZS1-1113	TZS1-1123	TZS1-1013	TZS1-1023	TZS2-1113	TZS2-1123	TZS2-1013	TZS2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	3.2	TZS1-1114	TZS1-1124	TZS1-1014	TZS1-1024	TZS2-1114	TZS2-1124	TZS2-1014	TZS2-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	2.9	TZS1-1041	TZS1-1031	TZS1-1041	TZS1-1031	TZS2-1041	TZS2-1031	TZS2-1041	TZS2-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	3.4	TZS1-1143	TZS1-1133	TZS1-1043	TZS1-1033	TZS2-1143	TZS2-1133	TZS2-1043	TZS2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	3.2	TZS1-1144	TZS1-1134	TZS1-1044	TZS1-1034	TZS2-1144	TZS2-1134	TZS2-1044	TZS2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	0°	3.2	TZS1-1145	TZS1-1135	TZS1-1045	TZS1-1035	TZS2-1145	TZS2-1135	TZS2-1045	TZS2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZS1-01	TZS1-02	TZS1-03
.022	set	TZS2-01	TZS2-02	TZS2-03

## Sapphire MBT Brackets



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	3.2	TMS1-1011	TMS1-1021	TMS1-1011	TMS1-1021	TMS2-1011	TMS2-1021	TMS2-1011	TMS2-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	2.9	TMS1-1012	TMS1-1022	TMS1-1012	TMS1-1022	TMS2-1012	TMS2-1022	TMS2-1012	TMS2-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	3.4	TMS1-1113	TMS1-1123	TMS1-1013	TMS1-1023	TMS2-1113	TMS2-1123	TMS2-1013	TMS2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	3.2	TMS1-1114	TMS1-1124	TMS1-1014	TMS1-1024	TMS2-1114	TMS2-1124	TMS2-1014	TMS2-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
				R	L	R	L	R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	2.9	TMS1-1041	TMS1-1031	TMS1-1041	TMS1-1031	TMS2-1041	TMS2-1031	TMS2-1041	TMS2-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	3.4	TMS1-1143	TMS1-1133	TMS1-1043	TMS1-1033	TMS2-1143	TMS2-1133	TMS2-1043	TMS2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	0°	3.2	TMS1-1144	TMS1-1134	TMS1-1044	TMS1-1034	TMS2-1144	TMS2-1134	TMS2-1044	TMS2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-12°	0°	3.2	TMS1-1145	TMS1-1135	TMS1-1045	TMS1-1035	TMS2-1145	TMS2-1135	TMS2-1045	TMS2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TMS1-01	TMS1-02	TMS1-03
.022	set	TMS2-01	TMS2-02	TMS2-03

## Sapphire Edgewise Brackets



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Central <u>1 1</u>	0°	0°	3.3	TFS1-1011	TFS1-1021	TFS1-1011	TFS1-1021	TFS2-1011	TFS2-1021	TFS2-1011	TFS2-1021
Lateral <u>2 2</u>	0°	0°	3	TFS1-1012	TFS1-1022	TFS1-1012	TFS1-1022	TFS2-1012	TFS2-1022	TFS2-1012	TFS2-1022
Cuspid <u>3 3</u>	0°	0°	3.4	TFS1-1113	TFS1-1123	TFS1-1013	TFS1-1023	TFS2-1113	TFS2-1123	TFS2-1013	TFS2-1023
Bicuspid <u>4,5 4,5</u>	0°	0°	3.3	TFS1-1114	TFS1-1124	TFS1-1014	TFS1-1024	TFS2-1114	TFS2-1124	TFS2-1014	TFS2-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Lower Anterior <u>1,2 1,2</u>	0°	0°	2.9	TFS1-1041	TFS1-1031	TFS1-1041	TFS1-1031	TFS2-1041	TFS2-1031	TFS2-1041	TFS2-1031
Cuspid <u>3 3</u>	0°	0°	3.4	TFS1-1143	TFS1-1133	TFS1-1043	TFS1-1033	TFS2-1143	TFS2-1133	TFS2-1043	TFS2-1033
1st Bicuspid <u>4 4</u>	0°	0°	3.3	TFS1-1144	TFS1-1134	TFS1-1044	TFS1-1034	TFS2-1144	TFS2-1134	TFS2-1044	TFS2-1034
2nd Bicuspid <u>5 5</u>	0°	0°	3.3	TFS1-1145	TFS1-1135	TFS1-1045	TFS1-1035	TFS2-1145	TFS2-1135	TFS2-1045	TFS2-1035

### Full Kits ▲▼

20pcs/kit

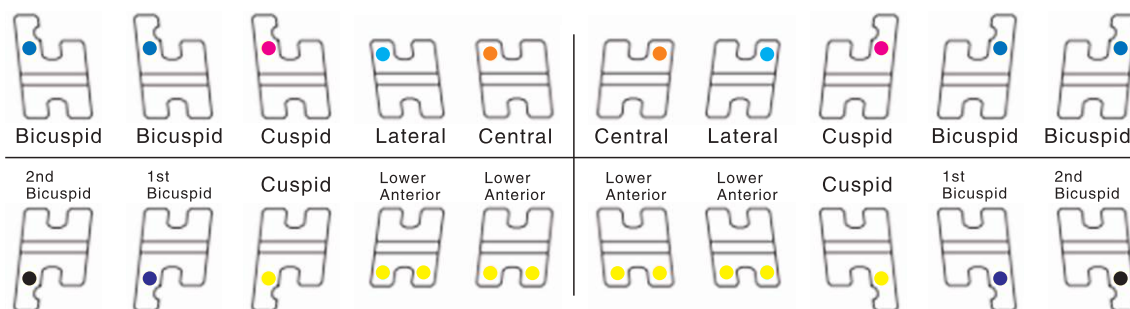
Kits	package	no hook	3with hook	345with hook
.018	set	TFS1-01	TFS1-02	TFS1-03
.022	set	TFS2-01	TFS2-02	TFS2-03





## Advantages of Sapphire Brackets with Indicator:

The design of the positioning indicator is added to facilitate precise positioning and accurate and convenient bonding.



## Sapphire Roth Brackets With Indicator



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Central <u>1 1</u>	11°	4°	3.3	TZS3-1011	TZS3-1021	TZS3-1011	TZS3-1021	TZS4-1011	TZS4-1021	TZS4-1011	TZS4-1021
Lateral <u>2 2</u>	8°	9°	3	TZS3-1012	TZS3-1022	TZS3-1012	TZS3-1022	TZS4-1012	TZS4-1022	TZS4-1012	TZS4-1022
Cuspid <u>3 3</u>	-2°	8°	3.4	TZS3-1113	TZS3-1123	TZS3-1013	TZS3-1023	TZS4-1113	TZS4-1123	TZS4-1013	TZS4-1023
Bicuspid <u>4,5 4,5</u>	-7°	0°	3.3	TZS3-1114	TZS3-1124	TZS3-1014	TZS3-1024	TZS4-1114	TZS4-1124	TZS4-1014	TZS4-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Lower Anterior <u>1,2 1,2</u>	0°	0°	2.9	TZS3-1041	TZS3-1031	TZS3-1041	TZS3-1031	TZS4-1041	TZS4-1031	TZS4-1041	TZS4-1031
Cuspid <u>3 3</u>	-11°	7°	3.4	TZS3-1143	TZS3-1133	TZS3-1043	TZS3-1033	TZS4-1143	TZS4-1133	TZS4-1043	TZS4-1033
1st Bicuspid <u>4 4</u>	-17°	3°	3.3	TZS3-1144	TZS3-1134	TZS3-1044	TZS3-1034	TZS4-1144	TZS4-1134	TZS4-1044	TZS4-1034
2nd Bicuspid <u>5 5</u>	-21°	6°	3.3	TZS3-1145	TZS3-1135	TZS3-1045	TZS3-1035	TZS4-1145	TZS4-1135	TZS4-1045	TZS4-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TZS3-01	TZS3-02	TZS3-03
.022	set	TZS4-01	TZS4-02	TZS4-03

## Sapphire MBT Brackets With Indicator



MAXILLARY ▲	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Central <u>1 1</u>	18°	4°	3.3	TMS3-1011	TMS3-1021	TMS3-1011	TMS3-1021	TMS4-1011	TMS4-1021	TMS4-1011	TMS4-1021
Lateral <u>2 2</u>	11°	8°	3	TMS3-1012	TMS3-1022	TMS3-1012	TMS3-1022	TMS4-1012	TMS4-1022	TMS4-1012	TMS4-1022
Cuspid <u>3 3</u>	-8°	8°	3.4	TMS3-1113	TMS3-1123	TMS3-1013	TMS3-1023	TMS4-1113	TMS4-1123	TMS4-1013	TMS4-1023
Bicuspid <u>4,5 4,5</u>	-8°	0°	3.3	TMS3-1114	TMS3-1124	TMS3-1014	TMS3-1024	TMS4-1114	TMS4-1124	TMS4-1014	TMS4-1024

MANDIBULAR ▼	Torque	Angle	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook	
				R	L	R	L	R	L	R	L
Lower Anterior <u>1,2 1,2</u>	-6°	0°	2.9	TMS3-1041	TMS3-1031	TMS3-1041	TMS3-1031	TMS4-1041	TMS4-1031	TMS4-1041	TMS4-1031
Cuspid <u>3 3</u>	-6°	4°	3.4	TMS3-1143	TMS3-1133	TMS3-1043	TMS3-1033	TMS4-1143	TMS4-1133	TMS4-1043	TMS4-1033
1st Bicuspid <u>4 4</u>	-13°	2°	3.3	TMS3-1144	TMS3-1134	TMS3-1044	TMS3-1034	TMS4-1144	TMS4-1134	TMS4-1044	TMS4-1034
2nd Bicuspid <u>5 5</u>	-18°	2°	3.3	TMS3-1145	TMS3-1135	TMS3-1045	TMS3-1035	TMS4-1145	TMS4-1135	TMS4-1045	TMS4-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	set	TMS3-01	TMS3-02	TMS3-03
.022	set	TMS4-01	TMS4-02	TMS4-03

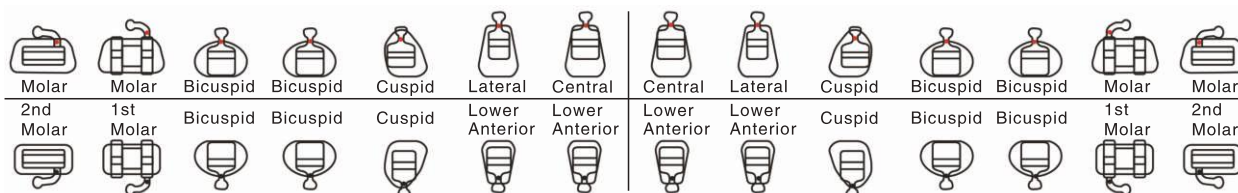
# Other Series Brackets >> Lingual Brackets



## Lingual Brackets

MAXILLARY ▲	Torque	Angle	In/out	Width	Item NO.
Central <u>1 1</u>	-32°	0°	0.9	2.5	TZL1-1011 TZL1-1021
Lateral <u>2 2</u>	-38°	0°	0.9	2	TZL1-1012 TZL1-1022
Cuspid <u>3 3</u>	-42°	0°	0.7	2.4	TZL1-1113 TZL1-1123
Bicuspid <u>4 4</u>	10°	0°	0.7	2.5	TZL1-1114 TZL1-1124
Bicuspid <u>5 5</u>	10°	0°	0.7	2.5	TZL1-1114 TZL1-1124
Molar <u>6 6</u>	10°	0°	0.7	3.8	TZL1-1116 TZL1-1126
Molar <u>7 7</u>	10°	0°	0.7	3.8	TZL1-1117 TZL1-1127

MANDIBULAR ▼	Torque	Angle	In/out	Width	Item NO.
Lower Anterior <u>1 1</u>	-48°	0°	0.9	2.1	TZL1-1041 TZL1-1031
Lower Anterior <u>2 2</u>	-48°	0°	0.9	2.1	TZL1-1041 TZL1-1031
Cuspid <u>3 3</u>	-52°	0°	0.7	2.1	TZL1-1143 TZL1-1133
Bicuspid <u>4 4</u>	-10°	0°	0.7	2.5	TZL1-1144 TZL1-1134
Bicuspid <u>5 5</u>	-10°	0°	0.7	2.5	TZL1-1145 TZL1-1135
1st Molar <u>6 6</u>	-10°	0°	0.7	3.8	TZL1-1146 TZL1-1146
2nd Molar <u>7 7</u>	-10°	0°	0.7	3.8	TZL1-1147 TZL1-1147



### Full Kits ▲▼

28pcs/kit

Kits	package	Item No.
<u>321 123</u> <u>321 123</u>	.018 set	TZL0-01
<u>7654 4567</u> <u>7654 4567</u>	.022 set	



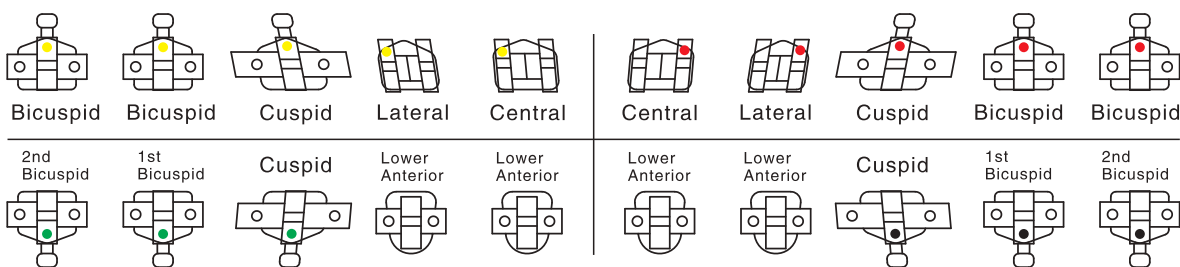


# Other Series Brackets >> Alexander Brackets



## Alexander Brackets

MAXILLARY ▲	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Central	1   1	14°	5°	1	3.5	TZA1-1011	TZA1-1021	TZA1-1011	TZA1-1021	TZA2-1011	TZA2-1021	TZA2-1011	TZA2-1021
Lateral	2   2	7°	8°	1.2	3.1	TZA1-1012	TZA1-1022	TZA1-1012	TZA1-1022	TZA2-1012	TZA2-1022	TZA2-1012	TZA2-1022
Cuspid	3   3	-3°	10°	1	6.7	TZA1-1113	TZA1-1123	TZA1-1013	TFC1-1023	TZA2-1113	TZA2-1123	TZA2-1013	TZA2-1023
Bicuspid	4,5   4,5	-7°	0°	1	5	TZA1-1114	TZA1-1124	TZA1-1014	TZA1-1024	TZA2-1114	TZA2-1124	TZA2-1014	TZA2-1024



MANDIBULAR ▼	Torque	Angle	In/out	Width	0.018 with hook		0.018 no hook		0.022 with hook		0.022 no hook		
					R	L	R	L	R	L	R	L	
Lower Anterior	1,2   1,2	-5°	0°	1.3	4.5	TZA1-1041	TZA1-1031	TZA1-1041	TZA1-1031	TZA2-1041	TZA2-1031	TZA2-1041	TZA2-1031
Cuspid	3   3	-7°	6°	0.9	6.7	TZA1-1143	TZA1-1133	TZA1-1043	TZA1-1033	TZA2-1143	TZA2-1133	TZA2-1043	TZA2-1033
1st Bicuspid	4   4	-11°	0°	0.9	5	TZA1-1144	TZA1-1134	TZA1-1044	TZA1-1034	TZA2-1144	TZA2-1134	TZA2-1044	TZA2-1034
2nd Bicuspid	5   5	-17°	0°	0.9	5	TZA1-1145	TZA1-1135	TZA1-1045	TZA1-1035	TZA2-1145	TZA2-1135	TZA2-1045	TZA2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.018	with laser mark	TZA1-11	TZA1-12	TZA1-13
	no laser mark	TZA1-01	TZA1-02	TZA1-03
.022	with laser mark	TZA2-11	TZA2-12	TZA2-13
	no laser mark	TZA2-01	TZA2-02	TZA2-03

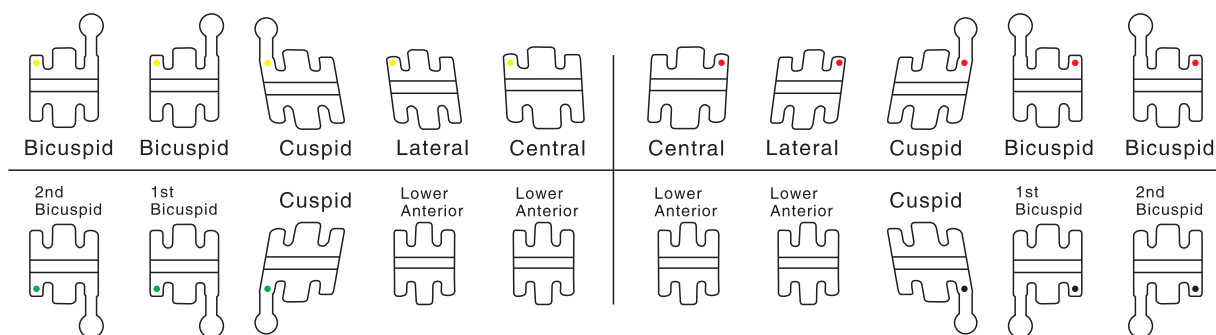


# Other Series Brackets >> Light Force Brackets

## Light Force Roth Brackets (six-wing brackets)



MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.8	3	TZQ2-1011	TZQ2-1021	TZQ2-1011	TZQ2-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	1.18	2.8	TZQ2-1012	TZQ2-1022	TZQ2-1012	TZQ2-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.8	3	TZQ2-1113	TZQ2-1123	TZQ2-1013	TZQ2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.8	2.8	TZQ2-1114	TZQ2-1124	TZQ2-1014	TZQ2-1024



MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	1.18	2.5	TZQ2-1041	TZQ2-1031	TZQ2-1041	TZQ2-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.8	2.8	TZQ2-1143	TZQ2-1133	TZQ2-1043	TZQ2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.8	2.8	TZQ2-1144	TZQ2-1134	TZQ2-1044	TZQ2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.8	2.8	TZQ2-1145	TZQ2-1135	TZQ2-1045	TZQ2-1035

### Full Kits ▲▼

20pcs/kit

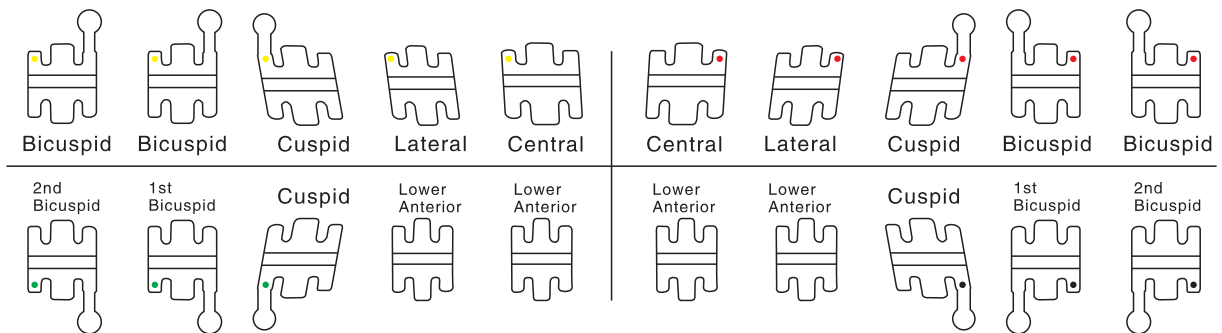
Kits	package	no hook	3with hook	345with hook
.022	with laser mark	TZQ2-11	TZQ2-12	TZQ2-13
	no laser mark	TZQ2-01	TZQ2-02	TZQ2-03

# Other Series Brackets >> Light Force Brackets

## Light Force MBT Brackets (six-wing brackets)



MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1</u>   <u>1</u>	17°	4°	0.7	3.1	TMQ2-1011	TMQ2-1021	TMQ2-1011	TMQ2-1021
Lateral	<u>2</u>   <u>2</u>	10°	8°	1.08	2.8	TMQ2-1012	TMQ2-1022	TMQ2-1012	TMQ2-1022
Cuspid	<u>3</u>   <u>3</u>	0°	8°	0.7	2.8	TMQ2-1113	TMQ2-1123	TMQ2-1013	TMQ2-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.7	2.8	TMQ2-1114	TMQ2-1124	TMQ2-1014	TMQ2-1024



MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-6°	0°	0.9	2.2	TMQ2-1041	TMQ2-1031	TMQ2-1041	TMQ2-1031
Cuspid	<u>3</u>   <u>3</u>	0°	3°	0.7	2.8	TMQ2-1143	TMQ2-1133	TMQ2-1043	TMQ2-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-12°	2°	0.7	2.8	TMQ2-1144	TMQ2-1134	TMQ2-1044	TMQ2-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-17°	2°	0.7	2.8	TMQ2-1145	TMQ2-1135	TMQ2-1045	TMQ2-1035

### Full Kits ▲▼

20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	with laser mark	TMQ2-11	TMQ2-12	TMQ2-13
	no laser mark	TMQ2-01	TMQ2-02	TMQ2-03

## Molar Brackets

### 1st Molar Roth Brackets

1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR $\overline{6}$	-14°	0°	1	3.8	TZ11-1116	TZ11-1016	TZ12-1116	TZ12-1016
UL $\overline{6}$	-14°	0°	1	3.8	TZ11-1126	TZ11-1026	TZ12-1126	TZ12-1026
LL $\overline{6}$	-25°	0°	1	3.8	TM11-1136	TM11-1036	TM12-1136	TM12-1036
LR $\overline{6}$	-25°	0°	1	3.8	TM11-1146	TM11-1046	TM11-1146	TM11-1046

### 1st Molar MBT Brackets

1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR $\overline{6}$	-14°	0°	1	3.8	TZ11-1116	TZ11-1016	TZ12-1116	TZ12-1016
UL $\overline{6}$	-14°	0°	1	3.8	TZ11-1126	TZ11-1026	TZ12-1126	TZ12-1026
LL $\overline{6}$	-20°	0°	1	3.8	TM11-1136	TM11-1036	TM12-1136	TM12-1036
LR $\overline{6}$	-20°	0°	1	3.8	TM11-1146	TM11-1046	TM11-1146	TM11-1046

### 1st Molar Edgewise Brackets





1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR $\overline{6}$	0°	0°	1	3.8	TF11-1116	TF11-1016	TF12-1116	TF12-1016
UL $\overline{6}$	0°	0°	1	3.8	TF11-1126	TF11-1026	TF12-1126	TF12-1026
LL $\overline{6}$	0°	0°	1	3.8	TF11-1136	TF11-1036	TF12-1136	TF12-1036
LR $\overline{6}$	0°	0°	1	3.8	TF11-1146	TF11-1046	TF11-1146	TF11-1046







# Other Series Brackets >> Molar & Begg Brackets

## Molar Brackets





### 2nd Molar Roth Brackets

1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR 	-14°	0°	0.7	3.2	TZ11-1117	TZ11-1017	TZ12-1117	TZ12-1017
UL 	-14°	0°	0.7	3.2	TZ11-1127	TZ11-1027	TZ12-1127	TZ12-1027
LL 	-25°	0°	1.05	3.2	TZ11-1137	TZ11-1037	TZ12-1137	TZ12-1037
LR 	-25°	0°	1.05	3.2	TZ11-1147	TZ11-1047	TZ11-1147	TZ11-1047

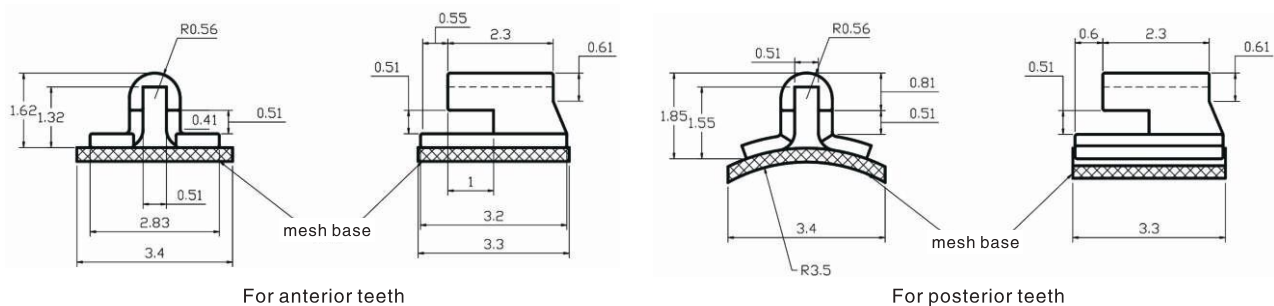
### 2nd Molar MBT Brackets

1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR 	-14°	0°	0.7	3.2	TM11-1117	TM11-1017	TM12-1117	TM12-1017
UL 	-14°	0°	0.7	3.2	TM11-1127	TM11-1027	TM12-1127	TM12-1027
LL 	-10°	0°	1.05	3.2	TM11-1137	TM11-1037	TM12-1137	TM12-1037
LR 	-10°	0°	1.05	3.2	TM11-1147	TM11-1047	TM11-1147	TM11-1047

### 2nd Molar Edgewise Brackets

1st Molar	Torque	Angle	In/out	Width	0.018 with hook	0.018 no hook	0.022 with hook	0.022 no hook
UR 	0°	0°	1	3.2	TF11-1117	TF11-1017	TF12-1117	TF12-1017
UL 	0°	0°	1	3.2	TF11-1127	TF11-1027	TF12-1127	TF12-1027
LL 	0°	0°	1	3.2	TF11-1137	TF11-1037	TF12-1137	TF12-1037
LR 	0°	0°	1	3.2	TF11-1147	TF11-1047	TF11-1147	TF11-1047

## Begg Brackets Bondable and weldable



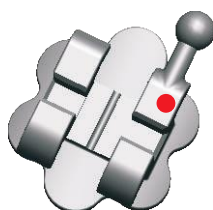
# Other Series Brackets >> Fashion & Gold Plated Brackets

## Fashion Brackets

Five stars



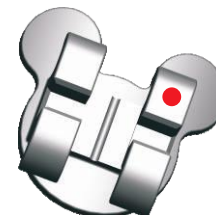
Quincuncial



Heart



Mickey



Mainly used on upper 3-3, pls specify the type and specifications.



## Gold Plated Brackets



MAXILLARY ▲	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Central	<u>1</u>   <u>1</u>	12°	5°	0.74	3.11	TG22-1011	TG22-1021	TG22-1011	TG22-1021
Lateral	<u>2</u>   <u>2</u>	8°	9°	0.72	2.8	TG22-1012	TG22-1022	TG22-1012	TG22-1022
Cuspid	<u>3</u>   <u>3</u>	-2°	11°	0.68	2.79	TG22-1113	TG22-1123	TG22-1013	TG22-1023
Bicuspid	<u>4,5</u>   <u>4,5</u>	-7°	0°	0.71	2.8	TG22-1114	TG22-1124	TG22-1014	TG22-1024

MANDIBULAR ▼	Torque	Angle	In/out	Width	0.022 with hook		0.022 no hook		
					R	L	R	L	
Lower Anterior	<u>1,2</u>   <u>1,2</u>	-1°	0°	0.65	2.4	TG22-1041	TG22-1031	TG22-1041	TG22-1031
Cuspid	<u>3</u>   <u>3</u>	-11°	5°	0.68	2.8	TG22-1143	TG22-1133	TG22-1043	TG22-1033
1st Bicuspid	<u>4</u>   <u>4</u>	-17°	0°	0.71	2.8	TG22-1144	TG22-1134	TG22-1044	TG22-1034
2nd Bicuspid	<u>5</u>   <u>5</u>	-22°	0°	0.71	2.8	TG22-1145	TG22-1135	TG22-1045	TG22-1035

## Full Kits ▲▼

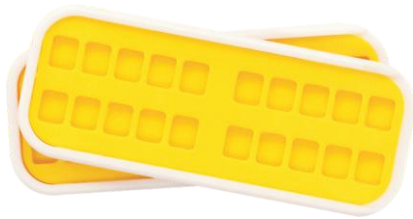
20pcs/kit

Kits	package	no hook	3with hook	345with hook
.022	with laser mark	TG22-11	TG22-12	TG22-13
	no laser mark	TG22-01	TG22-02	TG22-03

Note: All brackets can be gold plated



# Package List >>



No: C2  
Size: 70\*28\*7.5mm



No: C3  
Size: 70\*28\*7.5mm



No: C4  
Size: 70\*28\*7.5mm



No: 10  
Size: 70\*28\*7.5mm



No: 11  
Size: 70\*28\*7.5mm



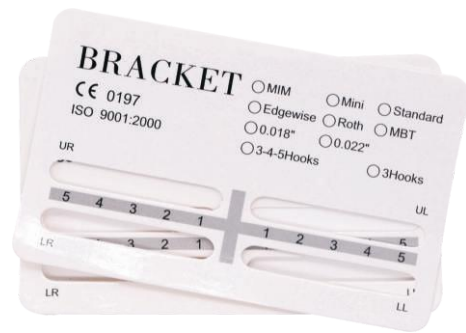
No: D1  
Size: 85\*54mm



No: D2  
Size: 122\*66mm



No: D3  
Size: 122\*74mm



No: D4  
Size: 87\*54mm

# Package List >>



No: A1  
Size: 116\*45\*9.5mm



No: A2  
Size: 116\*45\*9.5mm



No: A3  
Size: 116\*45\*9.5mm



No: A4  
Size: 116\*45\*9.5mm



No: A5  
Size: 116\*45\*9.5mm



No: A6  
Size: 116\*45\*9.5mm



No: E1  
Size: 120\*86\*12mm  
20sets/box 50sets/box



No: E2  
Size: 105\*62\*12mm  
5sets/box

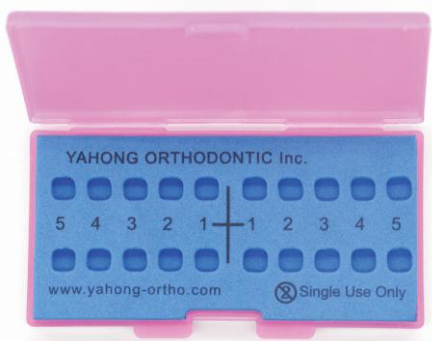
# Package List >>



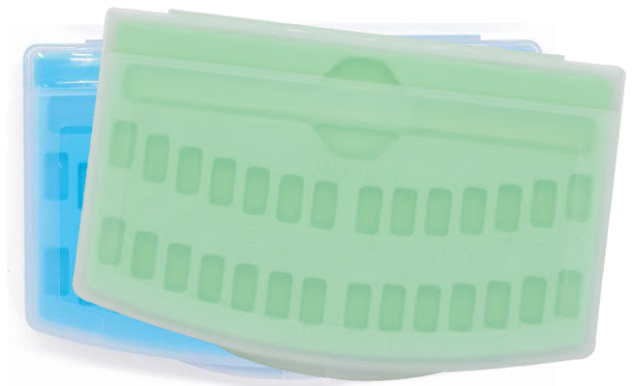
No: B1  
Size: 100\*55\*12mm



No: H1  
Size: 120\*100\*11.5mm



No: B2  
Size: 100\*55\*12mm



No: H2  
Size: 135\*90\*15mm

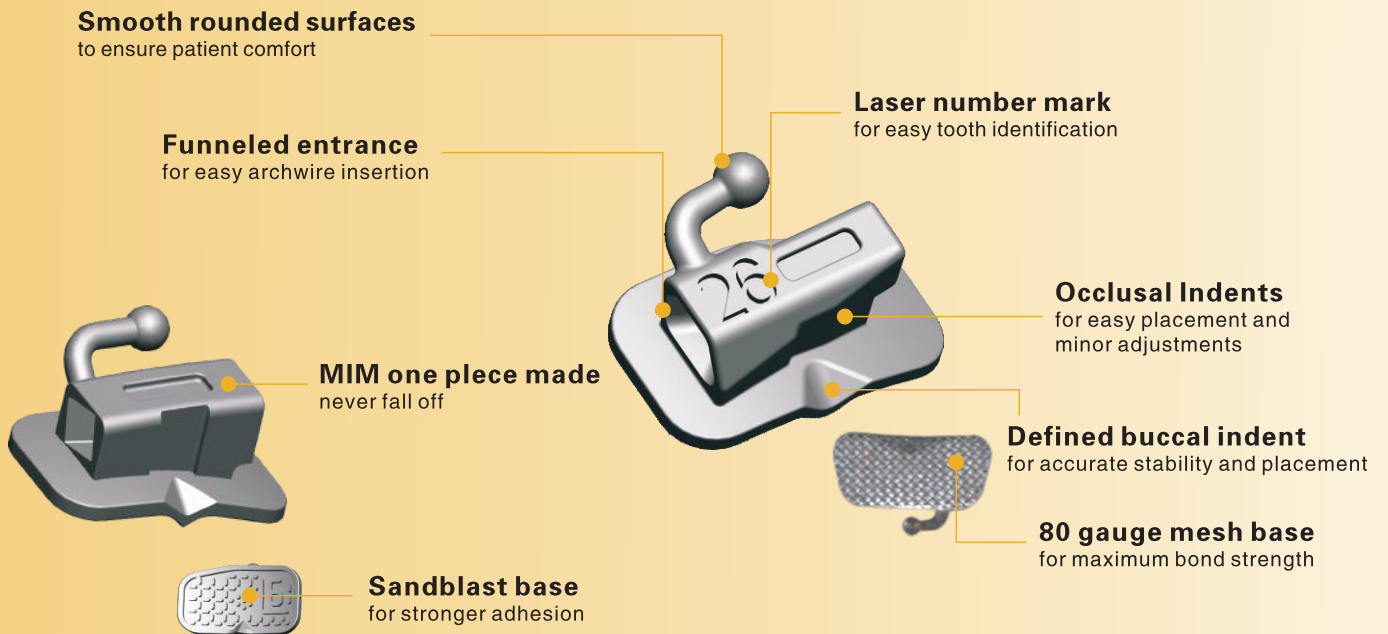


No: B3  
Size: 100\*55\*12mm



No: H3  
Size: 100\*100\*16mm

# BUCCAL Tubes



**MIM MONOBLOCK BUCCAL TUBES**

**MIM TWO PIECES BUCCAL TUBES**



50 sets/box(200pcs)  
F1 Box



20 sets/box(80pcs)  
F2 Box



4 pcs/set



# Bondable Buccal Tubes

55–62

## **1st Molar Bondable Buccal Tubes**

Single Tubes **1G**

Single Tubes **2G**

Single Tubes **3G**

Single Tubes **4G**

Single Tubes **5G**

Single Tubes **6G**

**Monoblock** Single Tubes

**Double Combination** Tubes

**Double Rectangular** Tubes

**Triple** Tubes

## **2nd Molar Bondable Buccal Tubes**

Single Tubes **1G**

Single Tubes **2G**

Single Tubes **3G**

Single Tubes **4G**

**Monoblock** Single Tubes

# Weldable Buccal Tubes

63–65

## **1st Molar Weldable Buccal Tubes**

Single Tubes

Double Combination Tubes

Double Rectangular Tubes

Triple Tubes

## **2nd Molar Weldable Buccal Tubes**

Single Tubes

## **Other Tubes**

## 1st Molar Bondable Buccal Tubes

### Single Tubes 1G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.			
						Conv		N-conv	
						.018	.022	.018	.022
Roth	UR	-14°	10°	0.4	4	J121-1116	J121-1216	J121-0116	J121-0216
	UL	-14°	10°	0.4	4	J121-1126	J121-1226	J121-0126	J121-0226
	LL	-25°	4°	0.4	4	J121-1136	J121-1236	J121-0136	J121-0236
	LR	-25°	4°	0.4	4	J121-1146	J121-1246	J121-0146	J121-0246
MBT	UR	-14°	10°	0.4	4	J131-1116	J131-1216	J131-0116	J131-0216
	UL	-14°	10°	0.4	4	J131-1126	J131-1226	J131-0126	J131-0226
	LL	-20°	0°	0.4	4	J131-1136	J131-1236	J131-0136	J131-0236
	LR	-20°	0°	0.4	4	J131-1146	J131-1246	J131-0146	J131-0246
Edgewise	UR	0°	6°	0.4	4	J111-1116	J111-1216	J111-0116	J111-0216
	UL	0°	6°	0.4	4	J111-1126	J111-1226	J111-0126	J111-0226
	LL	0°	6°	0.4	4	J111-1136	J111-1236	J111-0136	J111-0236
	LR	0°	6°	0.4	4	J111-1146	J111-1246	J111-0146	J111-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4	J121-11-61	J121-12-61	J121-01-61	J121-02-61
	Lower	-25°	4°	0.4	4				
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4	J131-11-61	J131-12-61	J131-01-61	J131-02-61
	Lower	-20°	0°	0.4	4				
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4	J111-11-61	J111-12-61	J111-01-61	J111-02-61
	Lower	0°	6°	0.4	4				

### Single Tubes 2G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	4.2	J122-0116	J122-0216
	UL	-14°	10°	0.4	4.2	J122-0126	J122-0226
	LL	-25°	4°	0.4	4.2	J122-0136	J122-0236
	LR	-25°	4°	0.4	4.2	J122-0146	J122-0246
MBT	UR	-14°	10°	0.4	4.2	J132-0116	J132-0216
	UL	-14°	10°	0.4	4.2	J132-0126	J132-0226
	LL	-20°	0°	0.4	4.2	J132-0136	J132-0236
	LR	-20°	0°	0.4	4.2	J132-0146	J132-0246
Edgewise	UR	0°	6°	0.4	4.2	J112-0116	J112-0216
	UL	0°	6°	0.4	4.2	J112-0126	J112-0226
	LL	0°	6°	0.4	4.2	J112-0136	J112-0236
	LR	0°	6°	0.4	4.2	J112-0146	J112-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4.2	J122-01-61	J122-02-61
	Lower	-25°	4°	0.4	4.2		
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4.2	J132-01-61	J132-02-61
	Lower	-20°	0°	0.4	4.2		
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4.2	J112-01-61	J112-02-61
	Lower	0°	6°	0.4	4.2		



# Bondable >> 1st Molar Bondable Buccal Tubes

## Single Tubes 3G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	4	J124-0116	J124-0216
	UL	-14°	10°	0.4	4	J124-0126	J124-0226
	LL	-25°	4°	0.4	4	J124-0136	J124-0236
	LR	-25°	4°	0.4	4	J124-0146	J124-0246
MBT	UR	-14°	10°	0.4	4	J134-0116	J134-0216
	UL	-14°	10°	0.4	4	J134-0126	J134-0226
	LL	-20°	0°	0.4	4	J134-0136	J134-0236
	LR	-20°	0°	0.4	4	J134-0146	J134-0246
Edgewise	UR	0°	6°	0.4	4	J114-0116	J114-0216
	UL	0°	6°	0.4	4	J114-0126	J114-0226
	LL	0°	6°	0.4	4	J114-0136	J114-0236
	LR	0°	6°	0.4	4	J114-0146	J114-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4	J124-01-61	J124-02-61
	Lower	-25°	4°	0.4	4		
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4	J134-01-61	J134-02-61
	Lower	-20°	0°	0.4	4		
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4	J114-01-61	J114-02-61
	Lower	0°	6°	0.4	4		

## Single Tubes 4G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	4.5	J125-0116	J125-0216
	UL	-14°	10°	0.4	4.5	J125-0126	J125-0226
	LL	-25°	4°	0.4	4.5	J125-0136	J125-0236
	LR	-25°	4°	0.4	4.5	J125-0146	J125-0246
MBT	UR	-14°	10°	0.4	4.5	J135-0116	J135-0216
	UL	-14°	10°	0.4	4.5	J135-0126	J135-0226
	LL	-20°	0°	0.4	4.5	J135-0136	J135-0236
	LR	-20°	0°	0.4	4.5	J135-0146	J135-0246
Edgewise	UR	0°	6°	0.4	4.5	J115-0116	J115-0216
	UL	0°	6°	0.4	4.5	J115-0126	J115-0226
	LL	0°	6°	0.4	4.5	J115-0136	J115-0236
	LR	0°	6°	0.4	4.5	J115-0146	J115-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4.5	J125-01-61	J125-02-61
	Lower	-25°	4°	0.4	4.5		
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4.5	J135-01-61	J135-02-61
	Lower	-20°	0°	0.4	4.5		
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4.5	J115-01-61	J115-02-61
	Lower	0°	6°	0.4	4.5		

# Bondable >> 1st Molar Bondable Buccal Tubes

## Single Tubes 5G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	3.5	J126-0116	J126-0216
	UL	-14°	10°	0.4	3.5	J126-0126	J126-0226
	LL	-25°	4°	0.4	3.5	J126-0136	J126-0236
	LR	-25°	4°	0.4	3.5	J126-0146	J126-0246
MBT	UR	-14°	10°	0.4	3.5	J136-0116	J136-0216
	UL	-14°	10°	0.4	3.5	J136-0126	J136-0226
	LL	-20°	0°	0.4	3.5	J136-0136	J136-0236
	LR	-20°	0°	0.4	3.5	J136-0146	J136-0246
Edgewise	UR	0°	6°	0.4	3.5	J116-0116	J116-0216
	UL	0°	6°	0.4	3.5	J116-0126	J116-0226
	LL	0°	6°	0.4	3.5	J116-0136	J116-0236
	LR	0°	6°	0.4	3.5	J116-0146	J116-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	3.5	J126-01-61	J126-02-61
	Lower	-25°	4°	0.4	3.5		
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	3.5	J136-01-61	J136-02-61
	Lower	-20°	0°	0.4	3.5		
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	3.5	J116-01-61	J116-02-61
	Lower	0°	6°	0.4	3.5		

## Single Tubes 6G □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	4.2	J127-0116	J127-0216
	UL	-14°	10°	0.4	4.2	J127-0126	J127-0226
	LL	-25°	4°	0.4	4.2	J127-0136	J127-0236
	LR	-25°	4°	0.4	4.2	J127-0146	J127-0246
MBT	UR	-14°	10°	0.4	4.2	J137-0116	J137-0216
	UL	-14°	10°	0.4	4.2	J137-0126	J137-0226
	LL	-20°	0°	0.4	4.2	J137-0136	J137-0236
	LR	-20°	0°	0.4	4.2	J137-0146	J137-0246
Edgewise	UR	0°	6°	0.4	4.2	J117-0116	J117-0216
	UL	0°	6°	0.4	4.2	J117-0126	J117-0226
	LL	0°	6°	0.4	4.2	J117-0136	J117-0236
	LR	0°	6°	0.4	4.2	J117-0146	J117-0246



### Full Set: 4pcs/set

$\frac{6}{6}   \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4.2	J127-01-61	J127-02-61
	Lower	-25°	4°	0.4	4.2		
$\frac{6}{6}   \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4.2	J137-01-61	J137-02-61
	Lower	-20°	0°	0.4	4.2		
$\frac{6}{6}   \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4.2	J117-01-61	J117-02-61
	Lower	0°	6°	0.4	4.2		

# Bondable >> 1st Molar Bondable Buccal Tubes

## Monoblock Single Tubes □

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.	
						N-conv	
						.018	.022
Roth	UR	-14°	10°	0.4	4	J123-0116	J123-0216
	UL	-14°	10°	0.4	4	J123-0126	J123-0226
	LL	-25°	4°	0.4	4	J123-0136	J123-0236
	LR	-25°	4°	0.4	4	J123-0146	J123-0246
MBT	UR	-14°	10°	0.4	4	J133-0116	J133-0216
	UL	-14°	10°	0.4	4	J133-0126	J133-0226
	LL	-20°	0°	0.4	4	J133-0136	J133-0236
	LR	-20°	0°	0.4	4	J133-0146	J133-0246
Edgewise	UR	0°	6°	0.4	4	J113-0116	J113-0216
	UL	0°	6°	0.4	4	J113-0126	J113-0226
	LL	0°	6°	0.4	4	J113-0136	J113-0236
	LR	0°	6°	0.4	4	J113-0146	J113-0246



### Full Set: 4pcs/set

$\frac{6}{6} \mid \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4	J123-01-61	J123-02-61
	Lower	-25°	4°	0.4	4		
$\frac{6}{6} \mid \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4	J133-01-61	J133-02-61
	Lower	-20°	0°	0.4	4		
$\frac{6}{6} \mid \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4	J113-01-61	J113-02-61
	Lower	0°	6°	0.4	4		

## Double Combination Tubes ○□/□

SYSTEM	Teeth	Torque	Offset	In/out	Width	Item No.			
						Conv		N-conv	
						.018	.022	.018	.022
Roth	UR	-14°	10°	0.4	4	J221-1116	J221-1216	J221-0116	J221-0216
	UL	-14°	10°	0.4	4	J221-1126	J221-1226	J221-0126	J221-0226
MBT	UR	-14°	10°	0.4	4	J231-1116	J231-1216	J231-0116	J231-0216
	UL	-14°	10°	0.4	4	J231-1126	J231-1226	J231-0126	J231-0226
Edgewise	UR	0°	6°	0.4	4	J211-1116	J211-1216	J211-0116	J211-0216
	UL	0°	6°	0.4	4	J211-1126	J211-1226	J211-0126	J211-0226



### Full Set: 4pcs/set

$\frac{6}{6} \mid \frac{6}{6}$ Roth	Upper	-14°	10°	0.4	4	J221-11-61	J221-12-61	J221-01-61	J221-02-61
	Lower	-25°	4°	0.4	4				
$\frac{6}{6} \mid \frac{6}{6}$ MBT	Upper	-14°	10°	0.4	4	J231-11-61	J231-12-61	J231-01-61	J231-02-61
	Lower	-20°	0°	0.4	4				
$\frac{6}{6} \mid \frac{6}{6}$ Edgewise	Upper	0°	6°	0.4	4	J211-11-61	J211-12-61	J211-01-61	J211-02-61
	Lower	0°	6°	0.4	4				

