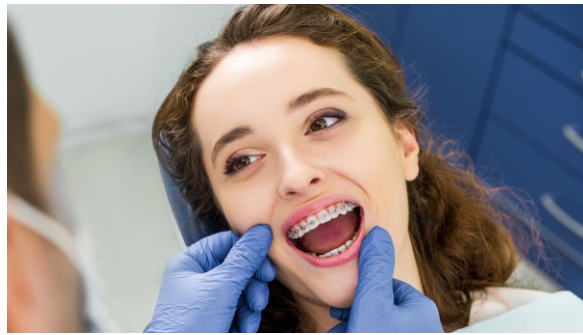




Product Catalogue





Company Introduction

Hangzhou Xingchen 3B Dental Instrument & Material Co., Ltd., Located in Hangzhou city, P.R. China, was founded in 1999. 3B Ortho has constantly brought in advanced techniques, management experience and talents training modes to meet the market demand both at home and abroad. 3B Ortho has become China's leading manufacturer to develop, produce and distribute orthodontic products originated from innovation and market promotion.

3B Ortho has achieved the QMS certificate of ISO 13485 & CE certificate for European market, and FDA registration for USA market.

With the help of high technology, advanced inspection equipment and the quality control system, 3B Ortho has gained better impression around the world due to good quality and better price, as well as the quality service. 3B products have been sold to more and more area in the world market.

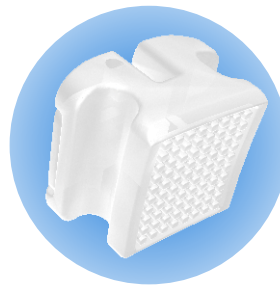
The target of 3B Ortho is to involve in and dedicated to advanced technology, quality products and innovation idea, so as to make the name of 3B Ortho a world famous brand.

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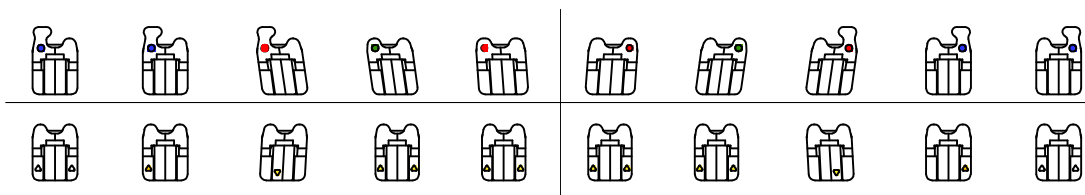
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CePass[®]

Ceramic Self-ligating Brackets Passive, All Ceramic



1. Super elastic locking system for easy opening and closing the slot clip;
2. Excellent contour design enhances patient comfort ;
3. All ceramic, and invisible clear appearance;
4. Special base design ensures superior retention and easy debonding.



WePass[®] Series

Passive Self-ligating Brackets



WePass[®] Plus

WePass Plus Self-ligating Brackets

Patented locking system , works stable.
Prolonged center line for precise bonding.
CNC milled slot, precise and smooth.
Rounded design for patient comfort.



WePass[®]

WePass Self-ligating Brackets

Patented design, the clip works smoothly, and more easy for wire replacement.
Fixed hooks far from the gingiva, to avoid gingiva irritation.
Open direction of the clip is on occlusal, more convenient for application, and coincidence with the operation custom.



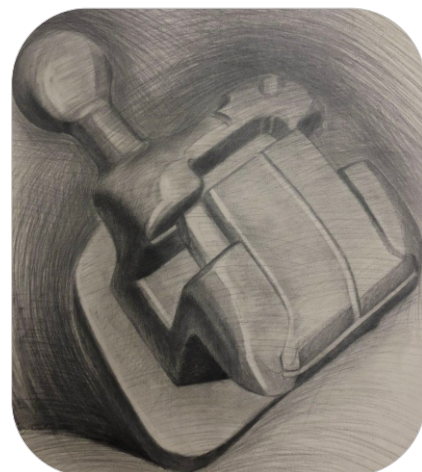
WePass[®] SE 2.0

WePass SE 2.0 Self-ligating Brackets

All clip open towards occlusal, more convenient for clinical application, and accord with the operation custom.
Lower profile, compact monoblock design and smooth surface for patient comfortable.

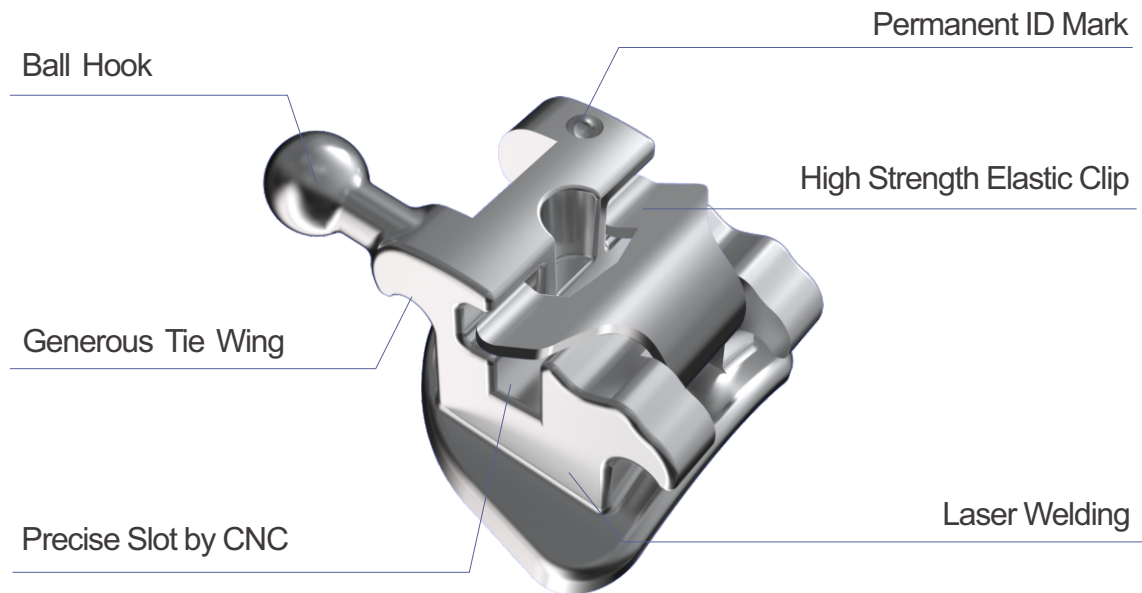
Identification System

● ● ● ● ●	● ● ● ● ●
5 4 3 2 1	1 2 3 4 5
● ● ●	● ● ●
5 4 3 2 1	1 2 3 4 5



LokActive™

Metal Active Self-ligating Brackets



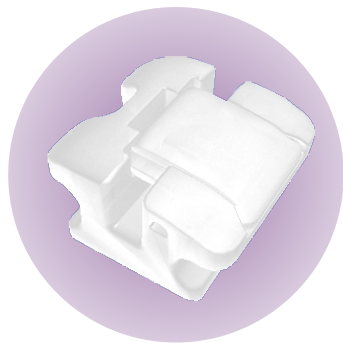
Passive Self-ligating Bondable Molar Tube



Maxillary Tube



Mandibular Tube



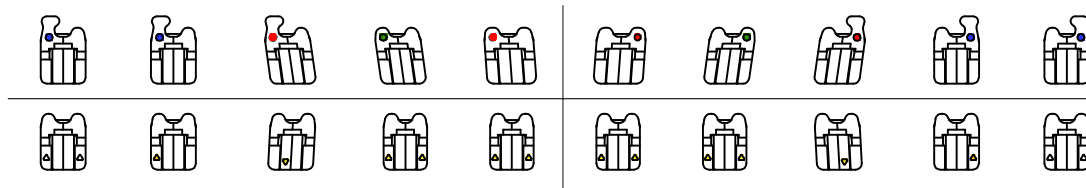
CePass®

Ceramic Self-ligating Brackets

M-sliding® Prescription

Maxillary

Torque	-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm	0.8	0.8	0.8	1.1	0.9	0.9	1.1	0.8	0.8	0.8	
Width mm	3.2	3.2	3.2	3.2	3.5	3.5	3.2	3.2	3.2	3.2	
REF	22	Without hook	-	-	-	BR222-20124	BR222-20114	BR222-20214	BR222-20224	-	-
		With hook	BR222-21144	BR222-21144	BR222-21134	-	-	-	-	BR222-21234	BR222-21244



Mandibular

Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.9	0.8	0.8	1.1	1.1	1.1	1.1	0.8	0.8	0.9		
Width mm	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2		
REF	22	Without hook	BR222-20454	BR222-20444	BR222-20434	BR222-20314	BR222-20314	BR222-20314	BR222-20314	BR222-20334	BR222-20344	BR222-20354

High Torque

Torque	-	-	+7	+13	+22	+22	+13	+7	-	-
REF	-	-	BR222-21134H	BR222-20124H	BR222-20114H	BR222-20214H	BR222-20224H	BR222-21234H	-	-
Torque	-	-	-	+3	+3	+3	+3	-	-	-
REF	-	-	-	BR222-20314H	BR222-20314H	BR222-20314H	BR222-20314H	-	-	-

Item Code in 20pcs/set

Slot Size	Prescription	3,4,5 With hooks
22	M-sliding	BR222-254
	High Torque	BR222-254H



3B's version of M-Sliding brackets is not claimed to be a duplication of any other, nor does 3B imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.



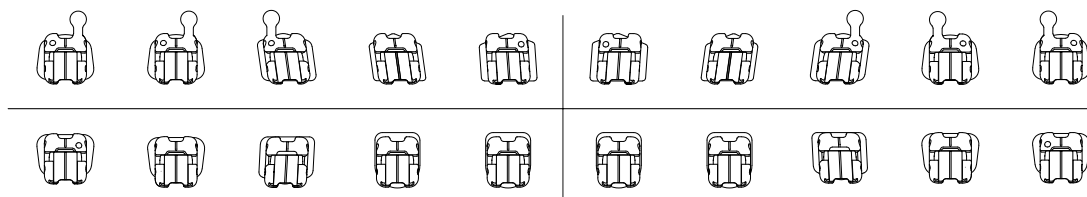
WePass[®] Plus

Metal Passive Self Ligating Brackets

ROTH Prescription

Maxillary

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.8	0.8	0.8	1.1	1.0	1.0	1.1	0.8	0.8	0.8	
Width mm		2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
REF	18	Without hook	BR811-10147	BR811-10147	BR811-10137	BR811-10127	BR811-10117	BR811-10217	BR811-10227	BR811-10237	BR811-10247	BR811-10247
		With hook	BR811-11147	BR811-11147	BR811-11137	-	-	-	-	BR811-11237	BR811-11247	BR811-11247
	22	Without hook	BR812-10147	BR812-10147	BR812-10137	BR812-10127	BR812-10117	BR812-10217	BR812-10227	BR812-10237	BR812-10247	BR812-10247
		With hook	BR812-11147	BR812-11147	BR812-11137	-	-	-	-	BR812-11237	BR812-11247	BR812-11247



Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+7	0	0	0	0	+7	0	0	
In/out mm		0.8	0.8	0.8	1.1	1.1	1.1	1.1	0.8	0.8	0.8	
Width mm		2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
REF	18	Without hook	BR811-10457	BR811-10447	BR811-10437	BR811-10317	BR811-10317	BR811-10317	BR811-10317	BR811-10337	BR811-10347	BR811-10357
	22	Without hook	BR812-10457	BR812-10447	BR812-10437	BR812-10317	BR812-10317	BR812-10317	BR812-10317	BR812-10337	BR812-10347	BR812-10357

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
18	BR811-137	BR811-157
22	BR812-137	BR812-157





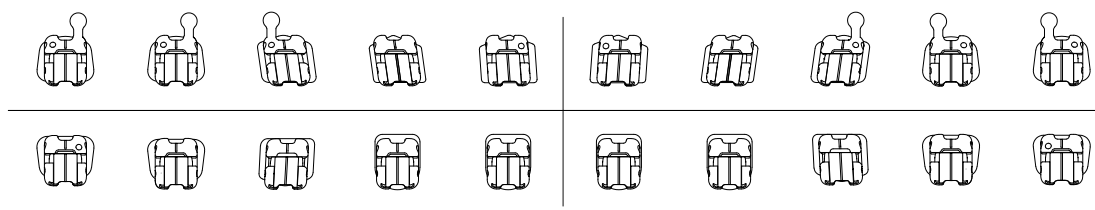
WePass[®] Plus

Metal Passive Self Ligating Brackets

M-sliding[®] Prescription

Maxillary

Torque	-7	-7	0	+10	+17	+17	+10	0	-7	-7		
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.0	1.0	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	22	Without hook	BR822-10147	BR822-10147	BR822-10137	BR822-10127	BR822-10117	BR822-10217	BR822-10227	BR822-10237	BR822-10247	BR822-10247
		With hook	BR822-11147	BR822-11147	BR822-11137	-	-	-	-	BR822-11237	BR822-11247	BR822-11247



Mandibular

Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.1	1.1	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	22	Without hook	BR822-10457	BR822-10447	BR822-10437	BR822-10317	BR822-10317	BR822-10317	BR822-10317	BR822-10337	BR822-10347	BR822-10357

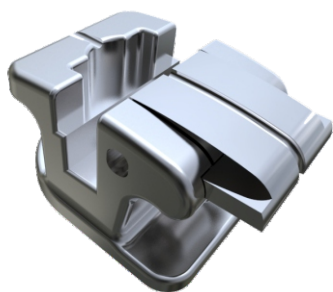
High Torque

Torque	-	-	+7/+11	+13	+22	+22	+13	+7/+11	-	-
REF	-	-	BR822-11137H	BR822-10127H	BR822-10117H	BR822-10217H	BR822-10227H	BR822-11237H	-	-
Torque	-	-	-	+3	+3	+3	+3	-	-	-
REF	-	-	-	BR822-10317H	BR822-10317H	BR822-10317H	BR822-10317H	-	-	-

Item Code in 20pcs/set

Slot Size	Prescription	Cuspid With hook	3,4,5 With hooks
22	M-sliding	BR822-137	BR822-157
	High Torque	BR822-137H	BR822-157H





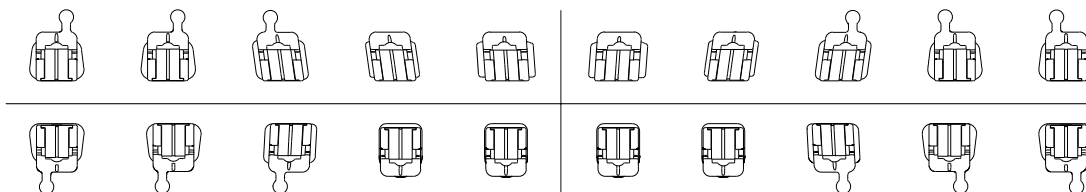
WePass®

Metal Passive Self Ligating Brackets

ROTH Prescription

Maxillary

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.8	0.8	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.75	3.1	3.1	2.75	2.8	2.8	2.8	
REF	18	Without hook	BR811-10144	BR811-10144	BR811-10134	BR811-10124	BR811-10114	BR811-10214	BR811-10224	BR811-10234	BR811-10244	BR811-10244
		With hook	BR811-11144	BR811-11144	BR811-11134	-	-	-	-	BR811-11234	BR811-11244	BR811-11244
	22	Without hook	BR812-10144	BR812-10144	BR812-10134	BR812-10124	BR812-10114	BR812-10214	BR812-10224	BR812-10234	BR812-10244	BR812-10244
		With hook	BR812-11144	BR812-11144	BR812-11134	-	-	-	-	BR812-11234	BR812-11244	BR812-11244



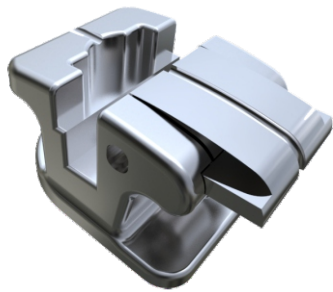
Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.75	2.75	2.75	2.75	2.8	2.8	2.8	
REF	18	Without hook	BR811-10454	BR811-10444	BR811-10434	BR811-10314	BR811-10314	BR811-10314	BR811-10314	BR811-10334	BR811-10344	BR811-10354
		With hook	BR811-11454	BR811-11444	BR811-11434	-	-	-	-	BR811-11334	BR811-11344	BR811-11354
	22	Without hook	BR812-10454	BR812-10444	BR812-10434	BR812-10314	BR812-10314	BR812-10314	BR812-10314	BR812-10334	BR812-10344	BR812-10354
		With hook	BR812-11454	BR812-11444	BR812-11434	-	-	-	-	BR812-11334	BR812-11344	BR812-11354

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR811-104	BR811-134	BR811-154
22	BR812-104	BR812-134	BR812-154





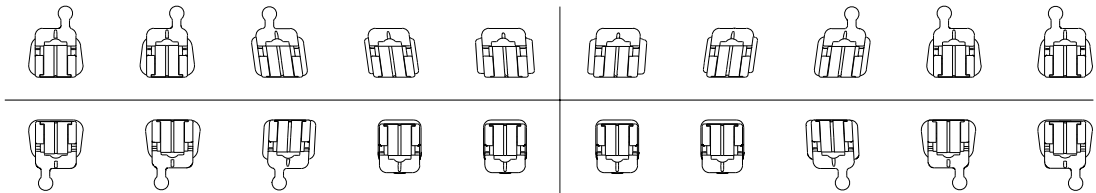
WePass®

Metal Passive Self Ligating Brackets

M-sliding® Prescription

Maxillary

Torque	-7	-7	0	+10	+17	+17	+10	0	-7	-7		
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0		
In/out mm	0.7	0.7	0.7	1.1	0.8	0.8	1.1	0.7	0.7	0.7		
Width mm	2.8	2.8	2.8	2.8	3.0	3.0	2.8	2.8	2.8	2.8		
REF	22	Without hook	BR822-10144	BR822-10144	BR822-10134	BR822-10124	BR822-10114	BR822-10214	BR822-10224	BR822-10234	BR822-10244	BR822-10244
		With hook	BR822-11144	BR822-11144	BR822-11134	-	-	-	-	BR822-11234	BR822-11244	BR822-11244



Mandibular

Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7		
Width mm	2.8	2.8	2.8	2.75	2.75	2.75	2.75	2.8	2.8	2.8		
REF	22	Without hook	BR822-10454	BR822-10444	BR822-10434	BR822-10314	BR822-10314	BR822-10314	BR822-10314	BR822-10334	BR822-10344	BR822-10354
		With hook	BR822-11454	BR822-11444	BR822-11434	-	-	-	-	BR822-11334	BR822-11344	BR822-11354

High Torque

Torque	-	-	+7	+13	+22	+22	+13	+7	-	-	
REF	022	-	-	BR822-11134H	BR822-10124H	BR822-10114H	BR822-10214H	BR822-10224H	BR822-11234H	-	-
Torque	-	-	-	+3	+3	+3	+3	-	-	-	
REF	022	-	-	-	BR822-10314H	BR822-10314H	BR822-10314H	BR822-10314H	-	-	-

Low Torque

Torque	-	-	-7	-3	+5	+5	-3	-7	-	-	
REF	022	-	-	BR822-11134L	BR822-10124L	BR822-10114L	BR822-10214L	BR822-10224L	BR822-11234L	-	-
Torque	-	-	-6	-10	-10	-10	-10	-6	-	-	
REF	022	-	-	BR822-11434L	BR822-10314L	BR822-10314L	BR822-10314L	BR822-10314L	BR822-11334L	-	-

Item Code in 20pcs/set

Slot Size	Prescription	Without hook	Cuspid With hook	3,4,5 With hooks
22	M-sliding	BR822-104	BR822-134	BR822-154
	High Torque	BR822-104H	BR822-134H	BR822-154H
	Low Torque	BR822-104L	BR822-134L	BR822-154L





WePass[®] SE 2.0

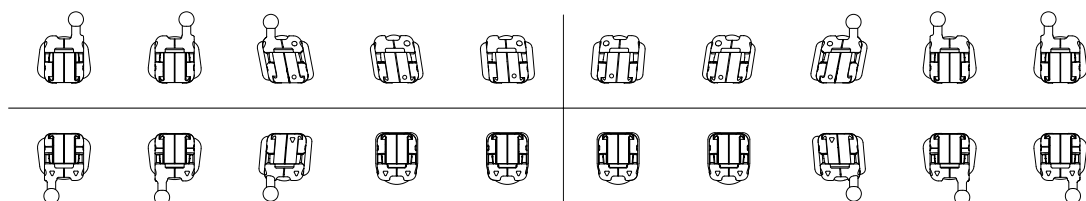
Metal Passive Self Ligating Brackets

ROTH Prescription

Monoblock Design

Maxillary

Torque	-7	-7	-2	+8	+12	+12	+8	-2	-7	-7		
Tip	0	0	+11	+9	+5	+5	+9	+11	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.0	1.0	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	18	Without hook	BR811-10142	BR811-10142	BR811-10132	BR811-10122	BR811-10112	BR811-10212	BR811-10222	BR811-10232	BR811-10242	BR811-10242
		With hook	BR811-11142	BR811-11142	BR811-11132	-	-	-	-	BR811-11232	BR811-11242	BR811-11242
	22	Without hook	BR812-10142	BR812-10142	BR812-10132	BR812-10122	BR812-10112	BR812-10212	BR812-10222	BR812-10232	BR812-10242	BR812-10242
		With hook	BR812-11142	BR812-11142	BR812-11132	-	-	-	-	BR812-11232	BR812-11242	BR812-11242



Mandibular

Torque	-22	-17	-11	-1	-1	-1	-1	-11	-17	-22		
Tip	0	0	+7	0	0	0	0	+7	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.1	1.1	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	18	Without hook	BR811-10452	BR811-10442	BR811-10432	BR811-10312	BR811-10312	BR811-10312	BR811-10312	BR811-10332	BR811-10342	BR811-10352
		With hook	BR811-11452	BR811-11442	BR811-11432	-	-	-	-	BR811-11332	BR811-11342	BR811-11352
	22	Without hook	BR812-10452	BR812-10442	BR812-10432	BR812-10312	BR812-10312	BR812-10312	BR812-10312	BR812-10332	BR812-10342	BR812-10352
		With hook	BR812-11452	BR812-11442	BR812-11432	-	-	-	-	BR812-11332	BR812-11342	BR812-11352

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR811-102	BR811-132	BR811-152
22	BR812-102	BR812-132	BR812-152





WePass[®] SE 2.0

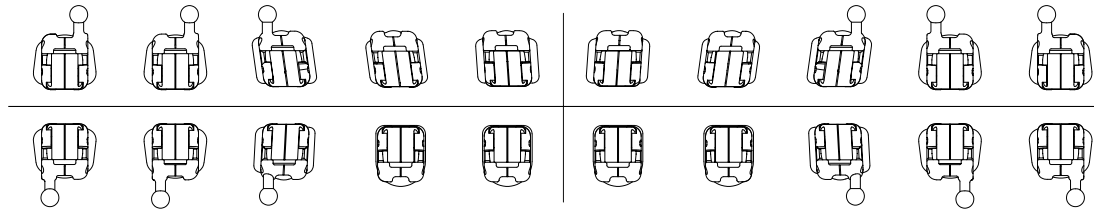
Metal Passive Self Ligating Brackets

M-sliding[®] Prescription

Monoblock Design

Maxillary

Torque	-7	-7	+7	+10	+17	+17	+10	+7	-7	-7		
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.0	1.0	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	22	Without hook	BR822-10142	BR822-10142	BR822-10132	BR822-10122	BR822-10112	BR822-10212	BR822-10222	BR822-10232	BR822-10242	BR822-10242
		With hook	BR822-11142	BR822-11142	BR822-11132	-	-	-	-	BR822-11232	BR822-11242	BR822-11242



Mandibular

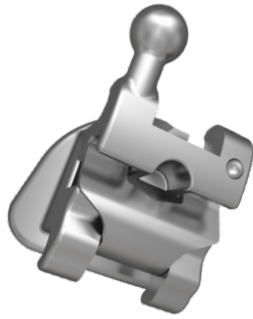
Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.8	0.8	0.8	1.1	1.1	1.1	1.1	0.8	0.8	0.8		
Width mm	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
REF	22	Without hook	BR822-10452	BR822-10442	BR822-10432	BR822-10312	BR822-10312	BR822-10312	BR822-10312	BR822-10332	BR822-10342	BR822-10352
		With hook	BR822-11452	BR822-11442	BR822-11432	-	-	-	-	BR822-11332	BR822-11342	BR822-11352

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
22	BR822-102	BR822-132	BR822-152







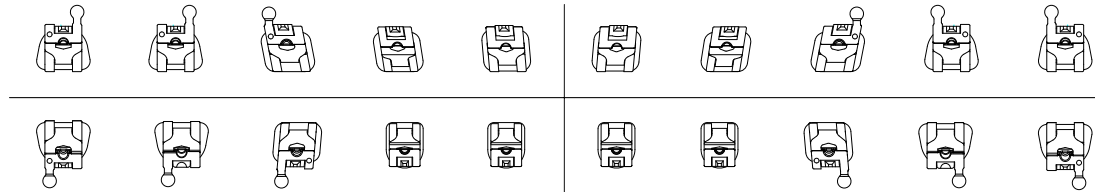
LokActive™

Metal Active Self-ligating Brackets

ROTH Prescription

Maxillary

Torque	-7	-7	-2	+8	+12	+12	+8	-2	-7	-7		
Tip	0	0	+11	+9	+5	+5	+9	+11	0	0		
In/out mm	0.8	0.8	0.7	1.2	1.1	1.1	1.2	0.7	0.8	0.8		
Width mm	3.0	3.0	3.0	2.7	3.0	3.0	2.7	3.0	3.0	3.0		
REF	22	Without hook	BR812-10145	BR812-10145	BR812-10135	BR812-10125	BR812-10115	BR812-10215	BR812-10225	BR812-10235	BR812-10245	BR812-10245
		With hook	BR812-11145	BR812-11145	BR812-11135	-	-	-	-	BR812-11235	BR812-11245	BR812-11245

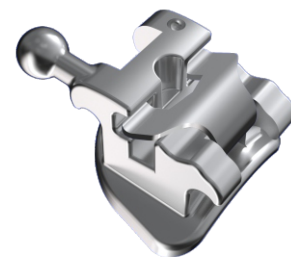


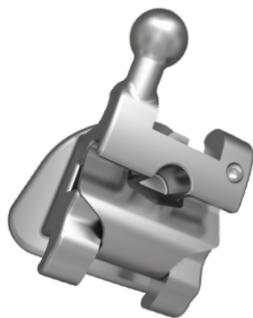
Mandibular

Torque	-22	-17	-11	-1	-1	-1	-1	-11	-17	-22		
Tip	0	0	+7	0	0	0	0	+7	0	0		
In/out mm	0.8	0.8	0.7	1.2	1.2	1.2	1.2	0.7	0.8	0.8		
Width mm	3.0	3.0	2.9	2.5	2.5	2.5	2.5	2.9	3.0	3.0		
REF	22	Without hook	BR812-10455	BR812-10445	BR812-10435	BR812-10315	BR812-10315	BR812-10315	BR812-10315	BR812-10335	BR812-10345	BR812-10355
		With hook	BR812-11455	BR812-11445	BR812-11435	-	-	-	-	BR812-11335	BR812-11345	BR812-11355

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
22	BR812-135	BR812-155





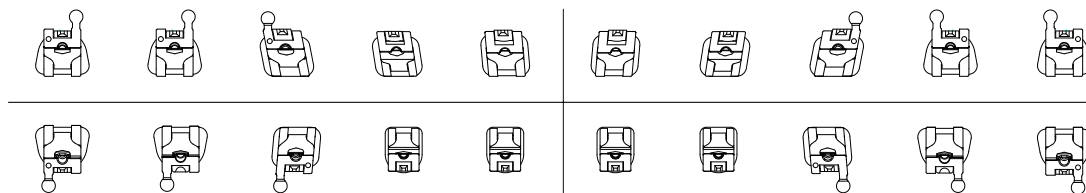
LokActive™

Metal Active Self-ligating Brackets

M-sliding® Prescription

Maxillary

Torque	-7	-7	0	+10	+17	+17	+10	0	-7	-7		
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0		
In/out mm	0.8	0.8	0.7	1.2	1.1	1.1	1.2	0.7	0.8	0.8		
Width mm	3.0	3.0	3.0	2.7	3.0	3.0	2.7	3.0	3.0	3.0		
REF	22	Without hook	BR822-10145	BR822-10145	BR822-10135	BR822-10125	BR822-10115	BR822-10215	BR822-10225	BR822-10235	BR822-10245	BR822-10245
		With hook	BR822-11145	BR822-11145	BR822-11135	-	-	-	-	BR822-11235	BR822-11245	BR822-11245



Mandibular

Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.8	0.8	0.7	1.2	1.2	1.2	1.2	0.7	0.8	0.8		
Width mm	3.0	3.0	2.9	2.5	2.5	2.5	2.5	2.9	3.0	3.0		
REF	22	Without hook	BR822-10455	BR822-10445	BR822-10435	BR822-10315	BR822-10315	BR822-10315	BR822-10315	BR822-10335	BR822-10345	BR822-10355
		With hook	BR822-11455	BR822-11445	BR822-11435	-	-	-	-	BR822-11335	BR822-11345	BR822-11355

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
22	BR822-135	BR822-155



Diamond Star Bracket



Diamond Star Brackets

- Newly 3D-designed compact brackets with rounded edges
- Super lower profile and super generous ligating space.
- CNC milled slot, precise and smooth
- Scribed Center lines for precise bracket positioning.



Identification System

● 5	● 4	● 3	● 2	● 1	● 1	● 2	● 3	● 4	● 5
5	4	3	2	1	1	2	3	4	5
● 5	● 4	● 3	● 2	● 1			● 1	● 2	● 3

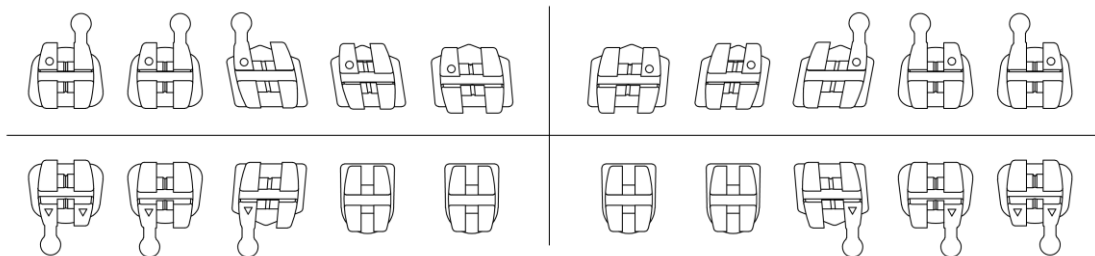


Diamond Star Bracket

ROTH Prescription

Maxillary

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.6	0.6	0.6	1.0	0.6	0.6	1.0	0.6	0.6	0.6	
Width mm		2.85	2.85	3.0	2.7	3.2	3.2	2.7	3.0	2.85	2.85	
REF	18	Without hook	BR411-4014	BR411-4014	BR411-4013	BR411-4012	BR411-4011	BR411-4021	BR411-4022	BR411-4023	BR411-4024	
		With hook	BR411-4114	BR411-4114	BR411-4113	-	-	-	-	BR411-4123	BR411-4124	BR411-4124
	22	Without hook	BR412-4014	BR412-4014	BR412-4013	BR412-4012	BR412-4011	BR412-4021	BR412-4022	BR412-4023	BR412-4024	BR412-4024
		With hook	BR412-4114	BR412-4114	BR412-4113	-	-	-	-	BR412-4123	BR412-4124	BR412-4124



Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+7	0	0	0	0	+7	0	0	
In/out mm		0.6	0.6	0.6	1.0	1.0	1.0	1.0	0.6	0.6	0.6	
Width mm		2.85	2.85	3.0	2.4	2.4	2.4	2.4	3.0	2.85	2.85	
REF	18	Without hook	BR411-4045	BR411-4044	BR411-4043	BR411-4031	BR411-4031	BR411-4031	BR411-4031	BR411-4033	BR411-4034	BR411-4035
		With hook	BR411-4145	BR411-4144	BR411-4143	-	-	-	-	BR411-4133	BR411-4134	BR411-4135
	22	Without hook	BR412-4045	BR412-4044	BR412-4043	BR412-4031	BR412-4031	BR412-4031	BR412-4031	BR412-4033	BR412-4034	BR412-4035
		With hook	BR412-4145	BR412-4144	BR412-4143	-	-	-	-	BR412-4133	BR412-4134	BR412-4135

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR411-40	BR411-43	BR411-45
22	BR412-40	BR412-43	BR412-45





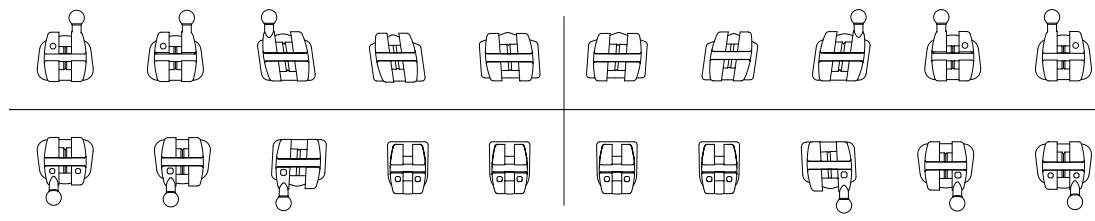
Diamond Star Bracket

M-sliding® Prescription

Metal Brackets

Maxillary

Torque		-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.6	0.6	0.7	1.0	0.7	0.7	1.0	0.7	0.6	0.6	
Width mm		2.85	2.85	3.0	2.7	3.2	3.2	2.7	3.0	2.85	2.85	
REF	18	Without hook	BR421-4014	BR421-4014	BR421-4013	BR421-4012	BR421-4011	BR421-4021	BR421-4022	BR421-4023	BR421-4024	
		With hook	BR421-4114	BR421-4114	BR421-4113	-	-	-	-	BR421-4123	BR421-4124	BR421-4124
	22	Without hook	BR422-4014	BR422-4014	BR422-4013	BR422-4012	BR422-4011	BR422-4021	BR422-4022	BR422-4023	BR422-4024	BR422-4024
		With hook	BR422-4114	BR422-4114	BR422-4113	-	-	-	-	BR422-4123	BR422-4124	BR422-4124



Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.6	0.6	0.7	1.1	1.1	1.1	1.1	0.7	0.6	0.6	
Width mm		2.85	2.85	3.0	2.4	2.4	2.4	2.4	3.0	2.85	2.85	
REF	18	Without hook	BR421-4045	BR421-4044	BR421-4043	BR421-4031	BR421-4031	BR421-4031	BR421-4031	BR421-4033	BR421-4034	BR421-4035
		With hook	BR421-4145	BR421-4144	BR421-4143	-	-	-	-	BR421-4133	BR421-4134	BR421-4135
	22	Without hook	BR422-4045	BR422-4044	BR422-4043	BR422-4031	BR422-4031	BR422-4031	BR422-4031	BR422-4033	BR422-4034	BR422-4035
		With hook	BR422-4145	BR422-4144	BR422-4143	-	-	-	-	BR422-4133	BR422-4134	BR422-4135

High Torque

Torque	-	-	+7 / +11	+13	+22	+22	+13	+7 / +11	-	-
REF 022	-	-	BR422-4113H	BR222-4012H	BR422-4011H	BR422-4021H	BR422-4022H	BR422-4123H	-	-
Torque	-	-	-	+3	+3	+3	+3	-	-	-
REF 022	-	-	-	BR422-4031H	BR422-4031H	BR422-4031H	BR422-4031H	-	-	-

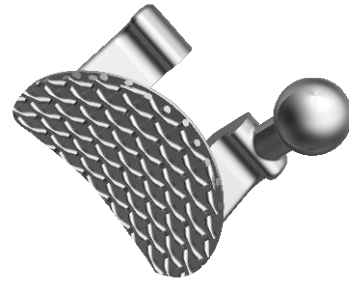
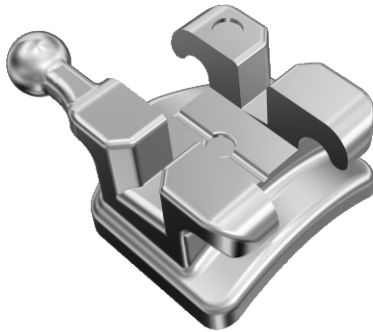
Item Code in 20pcs/set

Slot Size	Prescription	No hook	Cuspid With hook	3,4,5 With hooks
18	M-sliding	BR421-40	BR421-43	BR421-45
22	M-sliding	BR422-40	BR422-43	BR422-45
22	High Torque	BR422-40H	BR422-43H	BR422-45H

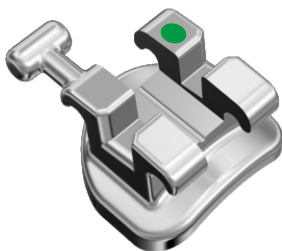


Surpass Series

Trumpet Slot Bracket



- Low contour design, smooth surface, unique outlook make patient more comfortable
- MIM technique and strict production process control ensure the accuracy of 3D data
- Trumpet design at both mesial and distal end provide more interbracket distance and reduce wire's friction



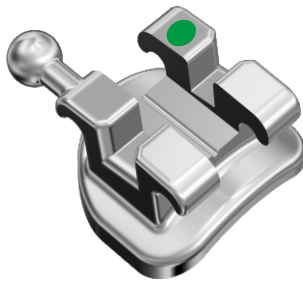
With T-Hook



Monoblock Design

Identification System

● ● ● ● ●	● ● ● ● ●
5 4 3 2 1	1 2 3 4 5
● ● ●	● ● ●
5 4 3 2 1	1 2 3 4 5



Surpass Series

Trumpet Bracket With Mesh Base

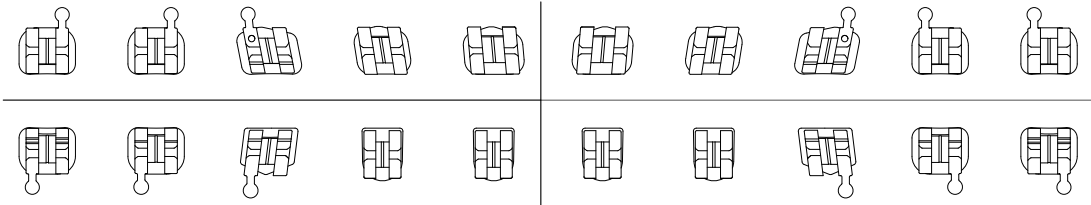
ROTH Prescription

Metal Brackets

Maxillary

Miniature

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.8	3.2	3.2	2.8	2.8	2.8	2.8	
REF	18	Without hook	BR611-1014	BR611-1014	BR611-1013	BR611-1012	BR611-1011	BR611-1021	BR611-1022	BR611-1023	BR611-1024	BR611-1024
		With hook	BR611-1114	BR611-1114	BR611-1113	-	-	-	-	BR611-1123	BR611-1124	BR611-1124
	22	Without hook	BR612-1014	BR612-1014	BR612-1013	BR612-1012	BR612-1011	BR612-1021	BR612-1022	BR612-1023	BR612-1024	BR612-1024
		With hook	BR612-1114	BR612-1114	BR612-1113	-	-	-	-	BR612-1123	BR612-1124	BR612-1124



Mandibular

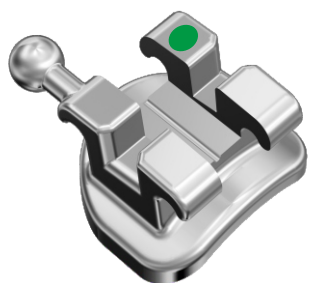
Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.5	2.5	2.5	2.5	2.8	2.8	2.8	
REF	18	Without hook	BR611-1045	BR611-1044	BR611-1043	BR611-1031	BR611-1031	BR611-1031	BR611-1031	BR611-1033	BR611-1034	BR611-1035
		With hook	BR611-1145	BR611-1144	BR611-1143	-	-	-	-	BR611-1133	BR611-1134	BR611-1135
	22	Without hook	BR612-1045	BR612-1044	BR612-1043	BR612-1031	BR612-1031	BR612-1031	BR612-1031	BR612-1033	BR612-1034	BR612-1035
		With hook	BR612-1145	BR612-1144	BR612-1143	-	-	-	-	BR612-1133	BR612-1134	BR612-1135

Bicuspid with T-Hook

Upper	15	14	24	25
18	BR611-1114T	BR611-1114T	BR611-1124T	BR611-1124T
22	BR612-1114T	BR612-1114T	BR612-1124T	BR612-1124T
Lower	45	44	34	35
18	BR611-1145T	BR611-1144T	BR611-1134T	BR611-1135T
22	BR612-1145T	BR612-1144T	BR612-1134T	BR612-1135T

Item Code in 20pcs/set

Slot Size	18	22
Without hook	BR611-10	BR612-10
Cuspid With hook	BR611-13	BR612-13
3,4,5 With hooks	BR611-15	BR612-15
4,5 With T hooks	BR611-15T	BR612-15T



Surpass Series

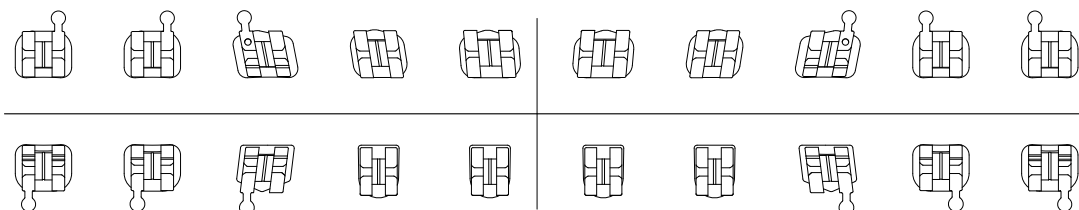
Trumpet Bracket With Mesh Base

ROTH Prescription

Maxillary

Standard

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.6	3.6	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR611-2014	BR611-2014	BR611-2013	BR611-2012	BR611-2011	BR611-2021	BR611-2022	BR611-2023	BR611-2024	
		With hook	BR611-2114	BR611-2114	BR611-2113	-	-	-	-	BR611-2123	BR611-2124	BR611-2124
	22	Without hook	BR612-2014	BR612-2014	BR612-2013	BR612-2012	BR612-2011	BR612-2021	BR612-2022	BR612-2023	BR612-2024	BR612-2024
		With hook	BR612-2114	BR612-2114	BR612-2113	-	-	-	-	BR612-2123	BR612-2124	BR612-2124

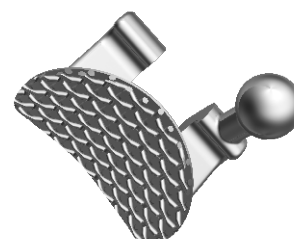


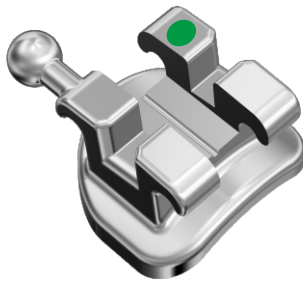
Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.6	2.6	2.6	2.6	3.0	3.0	3.0	
REF	18	Without hook	BR611-2045	BR611-2044	BR611-2043	BR611-2031	BR611-2031	BR611-2031	BR611-2031	BR611-2033	BR611-2034	BR611-2035
		With hook	BR611-2145	BR611-2144	BR611-2143	-	-	-	-	BR611-2133	BR611-2134	BR611-2135
	22	Without hook	BR612-2045	BR612-2044	BR612-2043	BR612-2031	BR612-2031	BR612-2031	BR612-2031	BR612-2033	BR612-2034	BR612-2035
		With hook	BR612-2145	BR612-2144	BR612-2143	-	-	-	-	BR612-2133	BR612-2134	BR612-2135

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR611-20	BR611-23	BR611-25
22	BR612-20	BR612-23	BR612-25





Surpass Series

Trumpet Bracket With Mesh Base

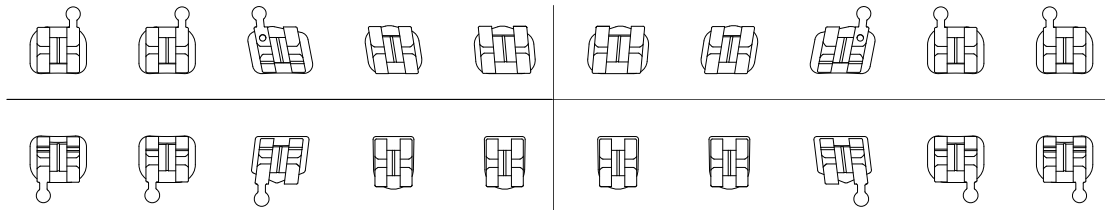
M-Sliding® Prescription

Metal
Brackets

Maxillary

Miniature

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.9	2.8	3.1	3.1	2.8	2.9	2.8	2.8	
REF	18	Without hook	BR621-1014	BR621-1014	BR621-1013	BR621-1012	BR621-1011	BR621-1021	BR621-1022	BR621-1023	BR621-1024	
		With hook	BR621-1114	BR621-1114	BR621-1113	-	-	-	-	BR621-1123	BR621-1124	BR621-1124
	22	Without hook	BR622-1014	BR622-1014	BR622-1013	BR622-1012	BR622-1011	BR622-1021	BR622-1022	BR622-1023	BR622-1024	BR622-1024
		With hook	BR622-1114	BR622-1114	BR622-1113	-	-	-	-	BR622-1123	BR622-1124	BR622-1124



Mandibular

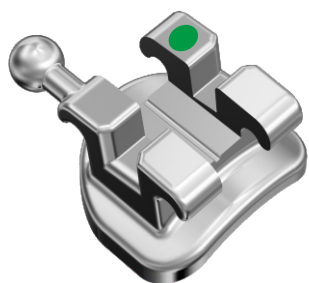
Torque		-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.9	2.3	2.3	2.3	2.3	2.9	2.8	2.8	
REF	18	Without hook	BR621-1045	BR621-1044	BR621-1043	BR621-1031	BR621-1031	BR621-1031	BR621-1031	BR621-1033	BR621-1034	BR621-1035
		With hook	BR621-1145	BR621-1144	BR621-1143	-	-	-	-	BR621-1133	BR621-1134	BR621-1135
	22	Without hook	BR622-1045	BR622-1044	BR622-1043	BR622-1031	BR622-1031	BR622-1031	BR622-1031	BR622-1033	BR622-1034	BR622-1035
		With hook	BR622-1145	BR622-1144	BR622-1143	-	-	-	-	BR622-1133	BR622-1134	BR622-1135

Bicuspid with T-Hook

Upper	15	14	24	25
18	BR621-1114T	BR621-1114T	BR621-1124T	BR621-1124T
22	BR622-1114T	BR622-1114T	BR622-1124T	BR622-1124T
Lower	45	44	34	35
18	BR621-1145T	BR621-1144T	BR621-1134T	BR621-1135T
22	BR622-1145T	BR622-1144T	BR622-1134T	BR622-1135T

Item Code in 20pcs/set

Slot Size	18	22
No hook	BR621-10	BR622-10
Cuspid With hook	BR621-13	BR622-13
3,4,5 With hooks	BR621-15	BR622-15
4,5 With T hooks	BR621-15T	BR622-15T



Surpass Series

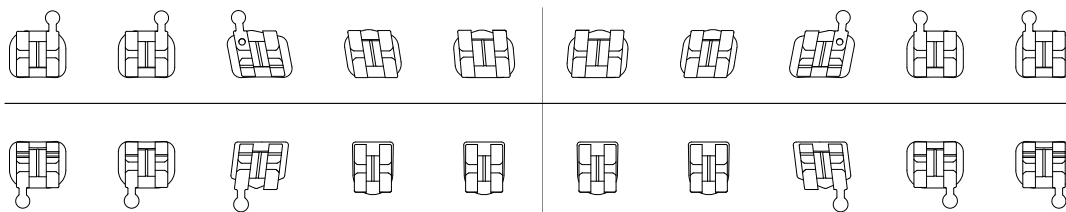
Trumpet Bracket With Mesh Base

M-Sliding® Prescription

Maxillary

Standard

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.6	3.6	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR621-2014	BR621-2014	BR621-2013	BR621-2012	BR621-2011	BR621-2021	BR621-2022	BR621-2023	BR621-2024	BR621-2024
		With hook	BR621-2114	BR621-2114	BR621-2113	-	-	-	-	BR621-2123	BR621-2124	BR621-2124
	22	Without hook	BR622-2014	BR622-2014	BR622-2013	BR622-2012	BR622-2011	BR622-2021	BR622-2022	BR622-2023	BR622-2024	BR622-2024
		With hook	BR622-2114	BR622-2114	BR622-2113	-	-	-	-	BR622-2123	BR622-2124	BR622-2124

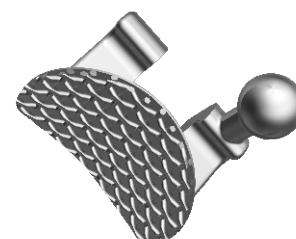


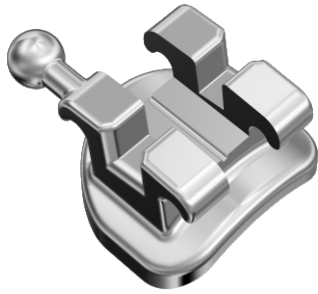
Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.7	2.7	2.7	2.7	3.0	3.0	3.0	
REF	18	Without hook	BR621-2045	BR621-2044	BR621-2043	BR621-2031	BR621-2031	BR621-2031	BR621-2031	BR621-2033	BR621-2034	BR621-2035
		With hook	BR621-2145	BR621-2144	BR621-2143	-	-	-	-	BR621-2133	BR621-2134	BR621-2135
	22	Without hook	BR622-2045	BR622-2044	BR622-2043	BR622-2031	BR622-2031	BR622-2031	BR622-2031	BR622-2033	BR622-2034	BR622-2035
		With hook	BR622-2145	BR622-2144	BR622-2143	-	-	-	-	BR622-2133	BR622-2134	BR622-2135

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR621-20	BR621-23	BR621-25
22	BR622-20	BR622-23	BR622-25





Surpass Series

Trumpet Bracket With Mesh Base

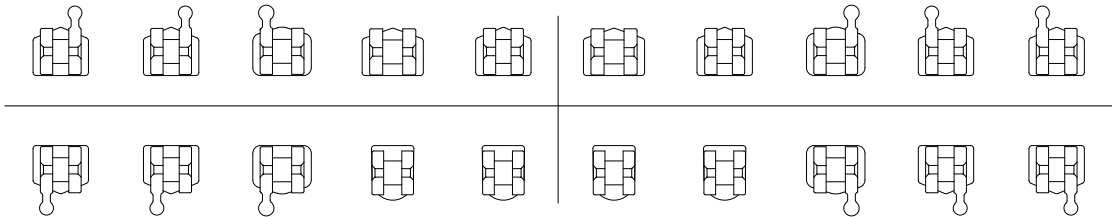
Edgewise Prescription

Metal Brackets

Maxillary

Miniature

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.6	2.6	2.85	2.6	3.0	3.0	2.6	2.85	2.6	2.6	
REF	18	Without hook	BR631-1014	BR631-1014	BR631-1013	BR631-1012	BR631-1011	BR631-1012	BR631-1023	BR631-1024	BR631-1024	
		With hook	BR631-1114	BR631-1114	BR631-1113	–	–	–	–	BR631-1123	BR631-1124	BR631-1124
	22	Without hook	BR632-1014	BR632-1014	BR632-1013	BR632-1012	BR632-1011	BR632-1011	BR632-1012	BR632-1023	BR632-1024	BR632-1024
		With hook	BR632-1114	BR632-1114	BR632-1113	–	–	–	–	BR632-1123	BR632-1124	BR632-1124

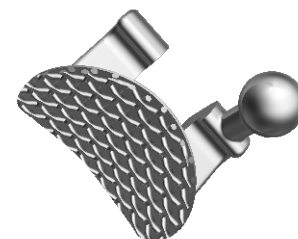


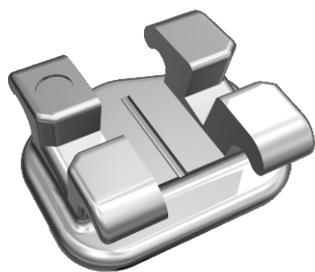
Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.6	2.6	2.85	2.3	2.3	2.3	2.3	2.85	2.6	2.6	
REF	18	Without hook	BR631-1014	BR631-1014	BR631-1023	BR631-1031	BR631-1031	BR631-1031	BR631-1031	BR631-1013	BR631-1024	BR631-1024
		With hook	BR631-1114	BR631-1114	BR631-1123	–	–	–	–	BR631-1113	BR631-1124	BR631-1124
	22	Without hook	BR632-1014	BR632-1014	BR632-1023	BR632-1031	BR632-1031	BR632-1031	BR632-1031	BR632-1013	BR632-1024	BR632-1024
		With hook	BR632-1114	BR632-1114	BR632-1123	–	–	–	–	BR632-1113	BR632-1124	BR632-1124

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR631-10	BR631-13	BR631-15
22	BR632-10	BR632-13	BR632-15





Surpass Series

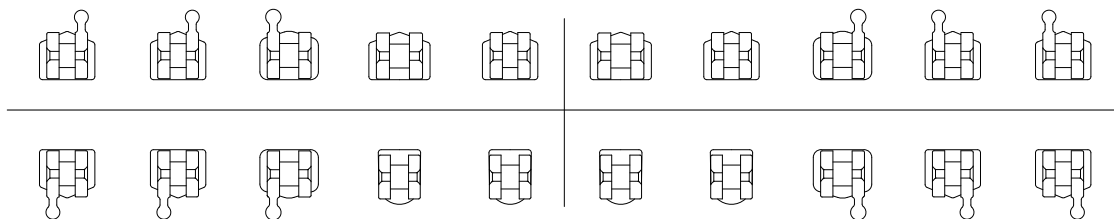
Trumpet Bracket With Mesh Base

Edgewise Prescription

Maxillary

Standard

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.2	3.0	3.2	3.2	3.0	3.2	3.0	3.0	
REF	18	Without hook	BR631-2014	BR631-2014	BR631-2013	BR631-2012	BR631-2011	BR631-2011	BR631-2012	BR631-2023	BR631-2024	BR631-2024
		With hook	BR631-2114	BR631-2114	BR631-2113	-	-	-	-	BR631-2123	BR631-2124	BR631-2124
	22	Without hook	BR632-2014	BR632-2014	BR632-2013	BR632-2012	BR632-2011	BR632-2011	BR632-2012	BR632-2023	BR632-2024	BR632-2024
		With hook	BR632-2114	BR632-2114	BR632-2113	-	-	-	-	BR632-2123	BR632-2124	BR632-2124



Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.2	2.5	2.5	2.5	2.5	3.2	3.0	3.0	
REF	18	Without hook	BR631-2014	BR631-2014	BR631-2023	BR631-2031	BR631-2031	BR631-2031	BR631-2031	BR631-2013	BR631-2024	BR631-2024
		With hook	BR631-2114	BR631-2114	BR631-2123	-	-	-	-	BR631-2113	BR631-2124	BR631-2124
	22	Without hook	BR632-2014	BR632-2014	BR632-2023	BR632-2031	BR632-2031	BR632-2031	BR632-2031	BR632-2013	BR632-2024	BR632-2024
		With hook	BR632-2114	BR632-2114	BR632-2123	-	-	-	-	BR632-2113	BR632-2124	BR632-2124

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR631-20	BR631-23	BR631-25
22	BR632-20	BR632-23	BR632-25





Surpass Series

Trumpet Bracket Monoblock

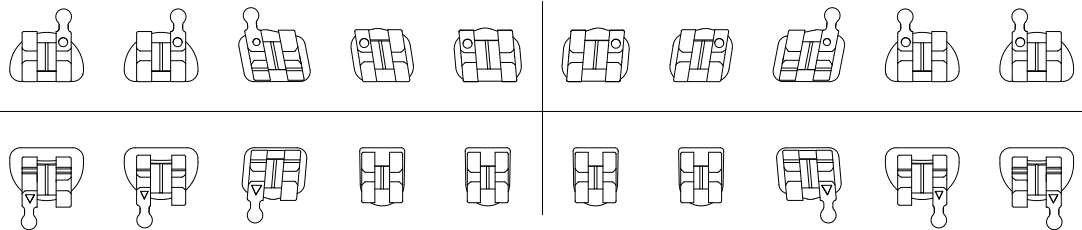
ROTH Prescription

Metal Brackets

Maxillary

Miniature

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.2	3.2	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR711-1014	BR711-1014	BR711-1013	BR711-1012	BR711-1011	BR711-1021	BR711-1022	BR711-1023	BR711-1024	BR711-1024
		With hook	BR711-1114	BR711-1114	BR711-1113	-	-	-	-	BR711-1123	BR711-1124	BR711-1124
	22	Without hook	BR712-1014	BR712-1014	BR712-1013	BR712-1012	BR712-1011	BR712-1021	BR712-1022	BR712-1023	BR712-1024	BR712-1024
		With hook	BR712-1114	BR712-1114	BR712-1113	-	-	-	-	BR712-1123	BR712-1124	BR712-1124

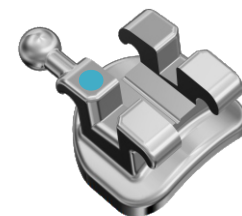


Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.9	2.9	3.0	2.5	2.5	2.5	2.5	3.0	2.9	2.9	
REF	18	Without hook	BR711-1045	BR711-1044	BR711-1043	BR711-1031	BR711-1031	BR711-1031	BR711-1031	BR711-1033	BR711-1034	BR711-1035
		With hook	BR711-1145	BR711-1144	BR711-1143	-	-	-	-	BR711-1133	BR711-1134	BR711-1135
	22	Without hook	BR712-1045	BR712-1044	BR712-1043	BR712-1031	BR712-1031	BR712-1031	BR712-1031	BR712-1033	BR712-1034	BR712-1035
		With hook	BR712-1145	BR712-1144	BR712-1143	-	-	-	-	BR712-1133	BR712-1134	BR712-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR711-10	BR711-13	BR711-15
22	BR712-10	BR712-13	BR712-15





Surpass Series

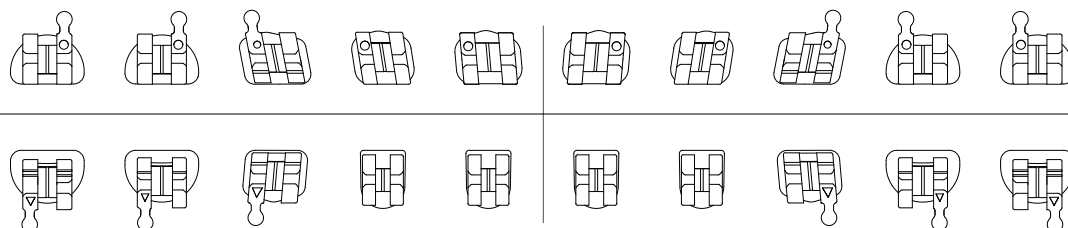
Trumpet Bracket Monoblock

M-Sliding® Prescription

Maxillary

Miniature

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.9	2.9	3.2	2.8	3.5	3.5	2.8	3.2	2.9	2.9	
REF	18	Without hook	BR721-1014	BR721-1014	BR721-1013	BR721-1012	BR721-1011	BR721-1021	BR721-1022	BR721-1023	BR721-1024	BR721-1024
		With hook	BR721-1114	BR721-1114	BR721-1113	-	-	-	-	BR721-1123	BR721-1124	BR721-1124
	22	Without hook	BR722-1014	BR722-1014	BR722-1013	BR722-1012	BR722-1011	BR722-1021	BR722-1022	BR722-1023	BR722-1024	BR722-1024
		With hook	BR722-1114	BR722-1114	BR722-1113	-	-	-	-	BR722-1123	BR722-1124	BR722-1124

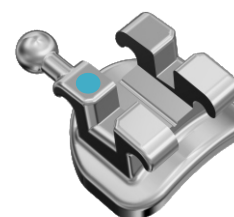


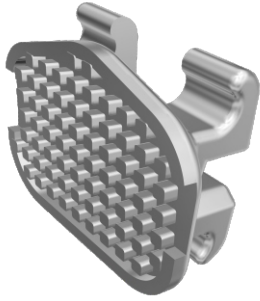
Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.9	2.9	3.3	2.7	2.7	2.7	2.7	3.3	2.9	2.9	
REF	18	Without hook	BR721-1045	BR721-1044	BR721-1043	BR721-1031	BR721-1031	BR721-1031	BR721-1031	BR721-1033	BR721-1034	BR721-1035
		With hook	BR721-1145	BR721-1144	BR721-1143	-	-	-	-	BR721-1133	BR721-1134	BR721-1135
	22	Without hook	BR722-1045	BR722-1044	BR722-1043	BR722-1031	BR722-1031	BR722-1031	BR722-1031	BR722-1033	BR722-1034	BR722-1035
		With hook	BR722-1145	BR722-1144	BR722-1143	-	-	-	-	BR722-1133	BR722-1134	BR722-1135

Item Code in 20pcs/set

Slot Size	No hook	Cuspid With hook	3,4,5 With hooks
18	BR721-10	BR721-13	BR721-15
22	BR722-10	BR722-13	BR722-15





Surpass Series

Trumpet Bracket Monoblock

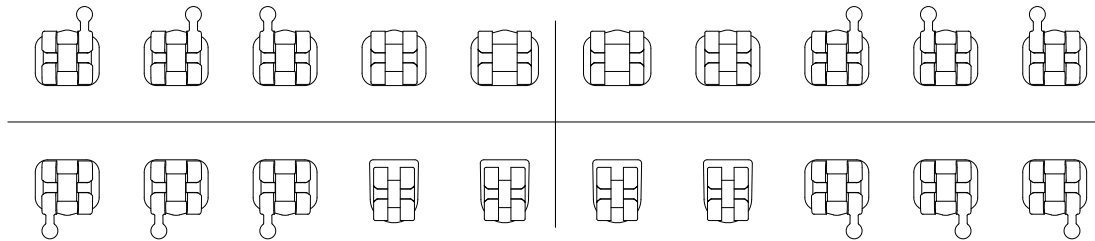
Edgewise Prescription

Metal
Brackets

Maxillary

Miniature

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.7	2.7	2.7	2.6	3.0	3.0	2.6	2.7	2.7	2.7	
REF	18	Without hook	BR731-1014	BR731-1014	BR731-1013	BR731-1012	BR731-1011	BR731-1011	BR731-1012	BR731-1023	BR731-1024	BR731-1024
		With hook	BR731-1114	BR731-1114	BR731-1113	-	-	-	-	BR731-1123	BR731-1124	BR731-1124
	22	Without hook	BR732-1014	BR732-1014	BR732-1013	BR732-1012	BR732-1011	BR732-1011	BR732-1012	BR732-1023	BR732-1024	BR732-1024
		With hook	BR732-1114	BR732-1114	BR732-1113	-	-	-	-	BR732-1123	BR732-1124	BR732-1124

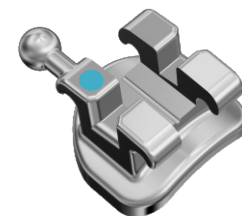


Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.7	2.7	2.7	2.3	2.3	2.3	2.3	2.7	2.7	2.7	
REF	18	Without hook	BR731-1014	BR731-1014	BR731-1023	BR731-1031	BR731-1031	BR731-1031	BR731-1031	BR731-1013	BR731-1024	BR731-1024
		With hook	BR731-1114	BR731-1114	BR731-1123	-	-	-	-	BR731-1113	BR731-1124	BR731-1124
	22	Without hook	BR732-1014	BR732-1014	BR732-1023	BR732-1031	BR732-1031	BR732-1031	BR732-1031	BR732-1013	BR732-1024	BR732-1024
		With hook	BR732-1114	BR732-1114	BR732-1123	-	-	-	-	BR732-1113	BR732-1124	BR732-1124

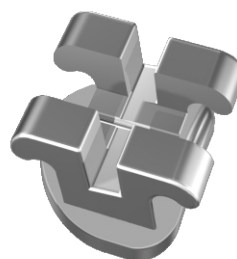
Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR731-10	BR731-13	BR731-15
22	BR732-10	BR732-13	BR732-15



Spread Series

MIM Mesh Base Brackets



- MIM technology
- Color I.D. for easy identification
- Generous tie wing area for easy ligation
- Torque-in-base design techniques to provide level slot line-up
- 80[#] gauge Mesh Base

MIM Monoblock Brackets

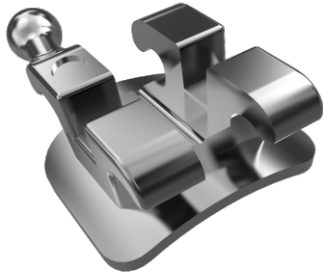
- MIM one piece design, More precise 3D data ensures better treatment result.
- Base sand blasted for stronger bonding strength.



Identification System

5	4	3	2	1	1	2	3	4	5
5	4	3	2	1	1	2	3	4	5





Spread Series

MIM Mesh Base Bracket

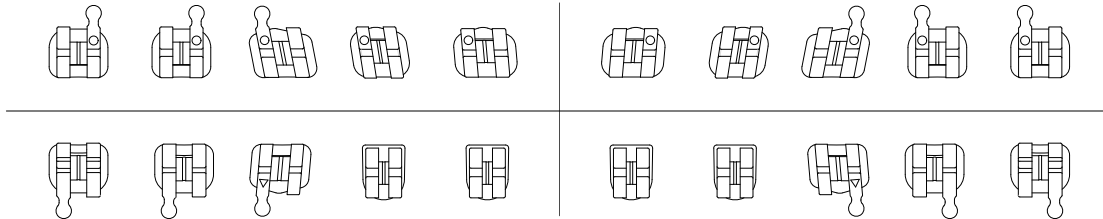
ROTH Prescription

Metal
Brackets

Maxillary

Miniature

Torque		-7	-7	-1	+8	+12	+12	+8	-1	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.8	3.2	3.2	2.8	2.8	2.8	2.8	
REF	18	Without hook	BR411-1014	BR411-1014	BR411-1013	BR411-1012	BR411-1011	BR411-1021	BR411-1022	BR411-1023	BR411-1024	BR411-1024
		With hook	BR411-1114	BR411-1114	BR411-1113	-	-	-	-	BR411-1123	BR411-1124	BR411-1124
	22	Without hook	BR412-1014	BR412-1014	BR412-1013	BR412-1012	BR412-1011	BR412-1021	BR412-1022	BR412-1023	BR412-1024	BR412-1024
		With hook	BR412-1114	BR412-1114	BR412-1113	-	-	-	-	BR412-1123	BR412-1124	BR412-1124



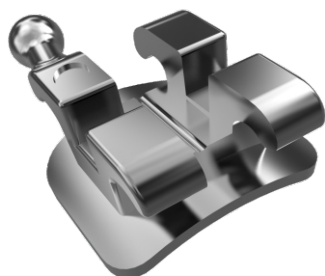
Mandibular

Torque		-12	-17	-11	-1	-1	-1	-1	-11	-17	-12	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.8	2.8	2.8	
REF	18	Without hook	BR411-1045	BR411-1044	BR411-1043	BR411-1031	BR411-1031	BR411-1031	BR411-1031	BR411-1033	BR411-1034	BR411-1035
		With hook	BR411-1145	BR411-1144	BR411-1143	-	-	-	-	BR411-1133	BR411-1134	BR411-1135
	22	Without hook	BR412-1045	BR412-1044	BR412-1043	BR412-1031	BR412-1031	BR412-1031	BR412-1031	BR412-1033	BR412-1034	BR412-1035
		With hook	BR412-1145	BR412-1144	BR412-1143	-	-	-	-	BR412-1133	BR412-1134	BR412-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR411-10	BR411-13	BR411-15
22	BR412-10	BR412-13	BR412-15





Spread Series

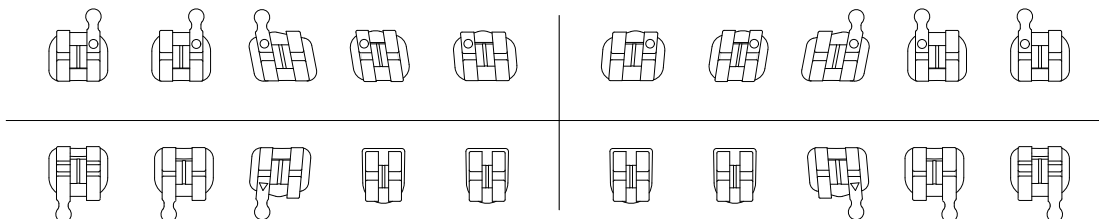
MIM Mesh Base Bracket

ROTH Prescription

Maxillary

Standard

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.4	3.4	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR411-2014	BR411-2014	BR411-2013	BR411-2012	BR411-2011	BR411-2021	BR411-2022	BR411-2023	BR411-2024	
		With hook	BR411-2114	BR411-2114	BR411-2113	-	-	-	-	BR411-2123	BR411-2124	BR411-2124
	22	Without hook	BR412-2014	BR412-2014	BR412-2013	BR412-2012	BR412-2011	BR412-2021	BR412-2022	BR412-2023	BR412-2024	BR412-2024
		With hook	BR412-2114	BR412-2114	BR412-2113	-	-	-	-	BR412-2123	BR412-2124	BR412-2124



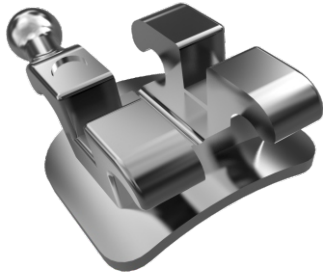
Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.4	2.4	2.4	2.4	3.0	3.0	3.0	
REF	18	Without hook	BR411-2045	BR411-2044	BR411-2043	BR411-2031	BR411-2031	BR411-2031	BR411-2031	BR411-2033	BR411-2034	BR411-2035
		With hook	BR411-2145	BR411-2144	BR411-2143	-	-	-	-	BR411-2133	BR411-2134	BR411-2135
	22	Without hook	BR412-2045	BR412-2044	BR412-2043	BR412-2031	BR412-2031	BR412-2031	BR412-2031	BR412-2033	BR412-2034	BR412-2035
		With hook	BR412-2145	BR412-2144	BR412-2143	-	-	-	-	BR412-2133	BR412-2134	BR412-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR411-20	BR411-23	BR411-25
22	BR412-20	BR412-23	BR412-25





Spread Series

MIM Mesh Base Bracket

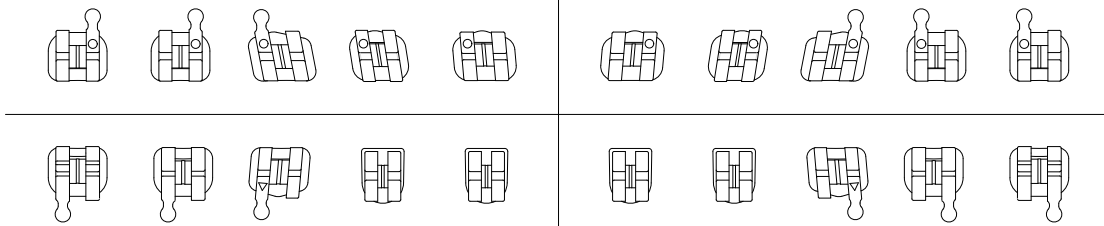
M-Sliding® Prescription

Metal Brackets

Maxillary

Miniature

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.6	3.0	3.0	2.6	2.8	2.8	2.8	
REF	18	Without hook	BR421-1014	BR421-1014	BR421-1013	BR421-1012	BR421-1011	BR421-1021	BR421-1022	BR421-1023	BR421-1024	
		With hook	BR421-1114	BR421-1114	BR421-1113	-	-	-	-	BR421-1123	BR421-1124	BR421-1124
	22	Without hook	BR422-1014	BR422-1014	BR422-1013	BR422-1012	BR422-1011	BR422-1021	BR422-1022	BR422-1023	BR422-1024	BR422-1024
		With hook	BR422-1114	BR422-1114	BR422-1113	-	-	-	-	BR422-1123	BR422-1124	BR422-1124



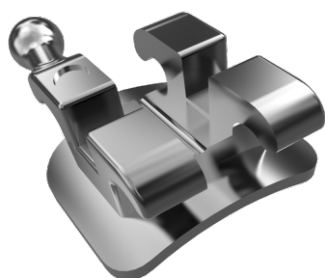
Mandibular

Torque		-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.3	2.3	2.3	2.3	2.8	2.8	2.8	
REF	18	Without hook	BR421-1045	BR421-1044	BR421-1043	BR421-1031	BR421-1031	BR421-1031	BR421-1031	BR421-1033	BR421-1034	BR421-1035
		With hook	BR421-1145	BR421-1144	BR421-1143	-	-	-	-	BR421-1133	BR421-1134	BR421-1135
	22	Without hook	BR422-1045	BR422-1044	BR422-1043	BR422-1031	BR422-1031	BR422-1031	BR422-1031	BR422-1033	BR422-1034	BR422-1035
		With hook	BR422-1145	BR422-1144	BR422-1143	-	-	-	-	BR422-1133	BR422-1134	BR422-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR421-10	BR421-13	BR421-15
22	BR422-10	BR422-13	BR422-15





Spread Series

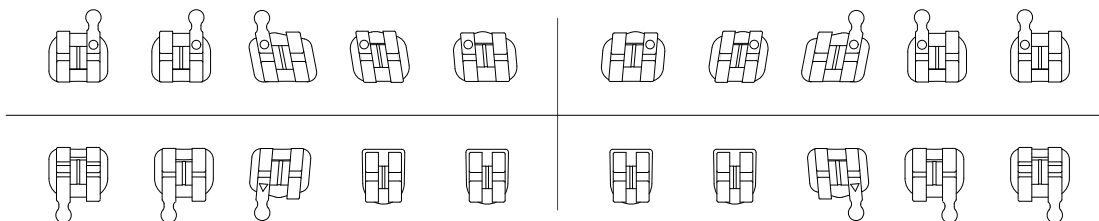
MIM Mesh Base Bracket

M-Sliding® Prescription

Maxillary

Standard

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.1	3.1	3.0	2.9	3.2	3.2	2.9	3.0	3.1	3.1	
REF	18	Without hook	BR421-2014	BR421-2014	BR421-2013	BR421-2012	BR421-2011	BR421-2021	BR421-2022	BR421-2023	BR421-2024	BR421-2024
		With hook	BR421-2114	BR421-2114	BR421-2113	-	-	-	-	BR421-2123	BR421-2124	BR421-2124
	22	Without hook	BR422-2014	BR422-2014	BR422-2013	BR422-2012	BR422-2011	BR422-2021	BR422-2022	BR422-2023	BR422-2024	BR422-2024
		With hook	BR422-2114	BR422-2114	BR422-2113	-	-	-	-	BR422-2123	BR422-2124	BR422-2124



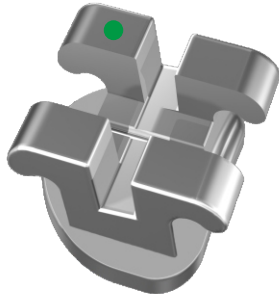
Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.1	3.1	3.0	2.3	2.3	2.3	2.3	3.0	3.1	3.1	
REF	18	Without hook	BR421-2045	BR421-2044	BR421-2043	BR421-2031	BR421-2031	BR421-2031	BR421-2031	BR421-2033	BR421-2034	BR421-2035
		With hook	BR421-2145	BR421-2144	BR421-2143	-	-	-	-	BR421-2133	BR421-2134	BR421-2135
	22	Without hook	BR422-2045	BR422-2044	BR422-2043	BR422-2031	BR422-2031	BR422-2031	BR422-2031	BR422-2033	BR422-2034	BR422-2035
		With hook	BR422-2145	BR422-2144	BR422-2143	-	-	-	-	BR422-2133	BR422-2134	BR422-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR421-20	BR421-23	BR421-25
22	BR422-20	BR422-23	BR422-25





Spread Series

MIM Mesh Base Bracket

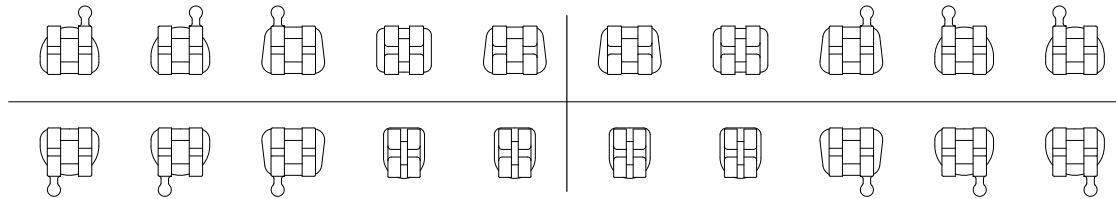
Edgewise Prescription

Metal Brackets

Maxillary

Standard

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.7	3.2	3.2	2.7	3.0	3.0	3.0	
REF	18	Without hook	BR431-2014	BR431-2014	BR431-2013	BR431-2012	BR431-2011	BR431-2011	BR431-2012	BR431-2023	BR431-2024	BR431-2024
		With hook	BR431-2114	BR431-2114	BR431-2113	-	-	-	-	BR431-2123	BR431-2124	BR431-2124
	22	Without hook	BR432-2014	BR432-2014	BR432-2013	BR432-2012	BR432-2011	BR432-2011	BR432-2012	BR432-2023	BR432-2024	BR432-2024
		With hook	BR432-2114	BR432-2114	BR432-2113	-	-	-	-	BR432-2123	BR432-2124	BR432-2124

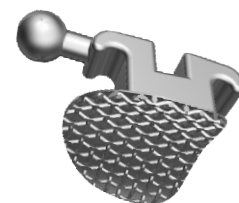


Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.3	2.3	2.3	2.3	3.0	3.0	3.0	
REF	18	Without hook	BR431-2014	BR431-2014	BR431-2023	BR431-2031	BR431-2031	BR431-2031	BR431-2031	BR431-2013	BR431-2024	BR431-2024
		With hook	BR431-2114	BR431-2114	BR431-2123	-	-	-	-	BR431-2113	BR431-2124	BR431-2124
	22	Without hook	BR432-2014	BR432-2014	BR432-2023	BR432-2031	BR432-2031	BR432-2031	BR432-2031	BR432-2013	BR432-2024	BR432-2024
		With hook	BR432-2114	BR432-2114	BR432-2123	-	-	-	-	BR432-2113	BR432-2124	BR432-2124

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR431-20	BR431-23	BR431-25
22	BR432-20	BR432-23	BR432-25





Spread Series

MIM Monoblock Bracket

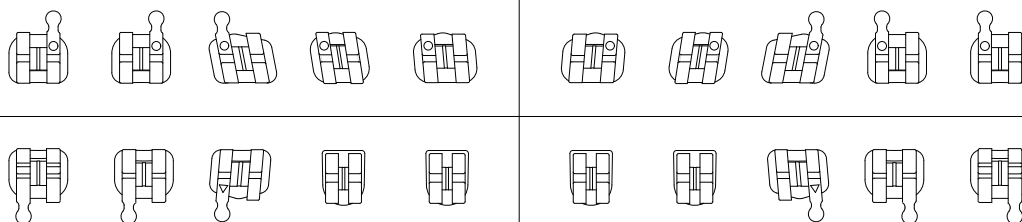
ROTH Prescription

Sand-Blasted Base

Maxillary

Miniature

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.6	3.1	3.1	2.6	2.8	2.8	2.8	
REF	18	Without hook	BR511-1014	BR511-1014	BR511-1013	BR511-1012	BR511-1011	BR511-1021	BR511-1022	BR511-1023	BR511-1024	BR511-1024
		With hook	BR511-1114	BR511-1114	BR511-1113	-	-	-	-	BR511-1123	BR511-1124	BR511-1124
	22	Without hook	BR512-1014	BR512-1014	BR512-1013	BR512-1012	BR512-1011	BR512-1021	BR512-1022	BR512-1023	BR512-1024	BR512-1024
		With hook	BR512-1114	BR512-1114	BR512-1113	-	-	-	-	BR512-1123	BR512-1124	BR512-1124



Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+7	0	0	0	0	+7	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.3	2.3	2.3	2.3	2.8	2.8	2.8	
REF	18	Without hook	BR511-1045	BR511-1044	BR511-1043	BR511-1031	BR511-1031	BR511-1031	BR511-1031	BR511-1033	BR511-1034	BR511-1035
		With hook	BR511-1145	BR511-1144	BR511-1143	-	-	-	-	BR511-1133	BR511-1134	BR511-1135
	22	Without hook	BR512-1045	BR512-1044	BR512-1043	BR512-1031	BR512-1031	BR512-1031	BR512-1031	BR512-1033	BR512-1034	BR512-1035
		With hook	BR512-1145	BR512-1144	BR512-1143	-	-	-	-	BR512-1133	BR512-1134	BR512-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR511-10	BR511-13	BR511-15
22	BR512-10	BR512-13	BR512-15





Spread Series

MIM Monoblock Bracket

ROTH Prescription

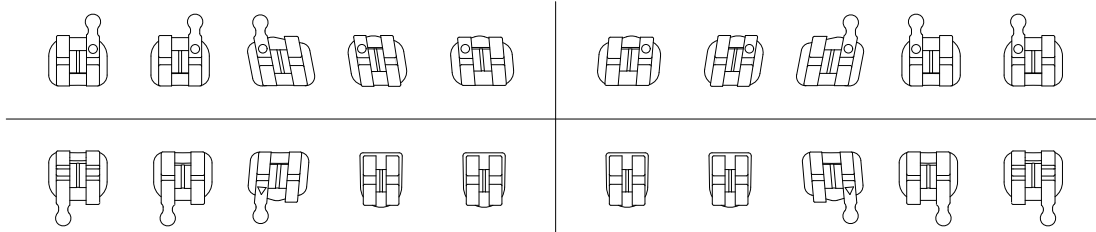
Metal Brackets

Sand-Blasted Base

Maxillary

Standard

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.1	3.1	3.1	2.8	3.4	3.4	2.8	3.1	3.1	3.1	
REF	18	Without hook	BR511-2014	BR511-2014	BR511-2013	BR511-2012	BR511-2011	BR511-2021	BR511-2022	BR511-2023	BR511-2024	
		With hook	BR511-2114	BR511-2114	BR511-2113	-	-	-	-	BR511-2123	BR511-2124	BR511-2124
	22	Without hook	BR512-2014	BR512-2014	BR512-2013	BR512-2012	BR512-2011	BR512-2021	BR512-2022	BR512-2023	BR512-2024	BR512-2024
		With hook	BR512-2114	BR512-2114	BR512-2113	-	-	-	-	BR512-2123	BR512-2124	BR512-2124



Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.1	3.1	3.1	2.3	2.3	2.3	2.3	3.1	3.1	3.1	
REF	18	Without hook	BR511-2045	BR511-2044	BR511-2043	BR511-2031	BR511-2031	BR511-2031	BR511-2031	BR511-2033	BR511-2034	BR511-2035
		With hook	BR511-2145	BR511-2144	BR511-2143	-	-	-	-	BR511-2133	BR511-2134	BR511-2135
	22	Without hook	BR512-2045	BR512-2044	BR512-2043	BR512-2031	BR512-2031	BR512-2031	BR512-2031	BR512-2033	BR512-2034	BR512-2035
		With hook	BR512-2145	BR512-2144	BR512-2143	-	-	-	-	BR512-2133	BR512-2134	BR512-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR511-20	BR511-23	BR511-25
22	BR512-20	BR512-23	BR512-25





Spread Series

MIM Monoblock Bracket

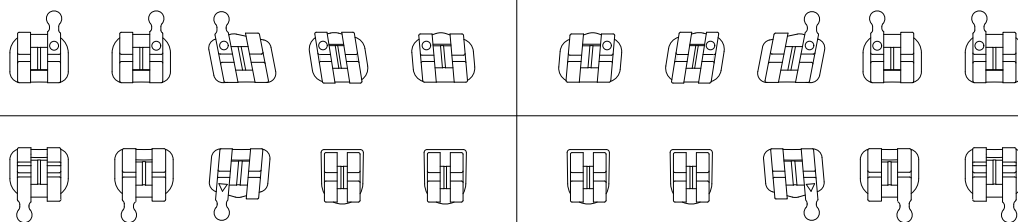
M-Sliding® Prescription

Sand-Blasted Base

Maxillary

Miniature

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.6	3.0	3.0	2.6	2.8	2.8	2.8	
REF	18	Without hook	BR521-1014	BR521-1014	BR521-1013	BR521-1012	BR521-1011	BR521-1021	BR521-1022	BR521-1023	BR521-1024	
		With hook	BR521-1114	BR521-1114	BR521-1113	-	-	-	-	BR521-1123	BR521-1124	BR521-1124
	22	Without hook	BR522-1014	BR522-1014	BR522-1013	BR522-1012	BR522-1011	BR522-1021	BR522-1022	BR522-1023	BR522-1024	BR522-1024
		With hook	BR522-1114	BR522-1114	BR522-1113	-	-	-	-	BR522-1123	BR522-1124	BR522-1124



Mandibular

Torque		-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.8	2.8	2.8	
REF	18	Without hook	BR521-1045	BR521-1044	BR521-1043	BR521-1031	BR521-1031	BR521-1031	BR521-1031	BR521-1033	BR521-1034	BR521-1035
		With hook	BR521-1145	BR521-1144	BR521-1143	-	-	-	-	BR521-1133	BR521-1134	BR521-1135
	22	Without hook	BR522-1045	BR522-1044	BR522-1043	BR522-1031	BR522-1031	BR522-1031	BR522-1031	BR522-1033	BR522-1034	BR522-1035
		With hook	BR522-1145	BR522-1144	BR522-1143	-	-	-	-	BR522-1133	BR522-1134	BR522-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR521-10	BR521-13	BR521-15
22	BR522-10	BR522-13	BR522-15





Spread Series

MIM Monoblock Bracket

M-Sliding® Prescription

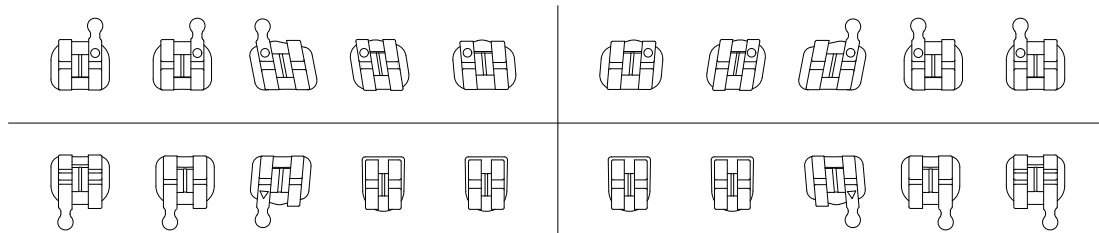
Metal Brackets

Sand-Blasted Base

Maxillary

Standard

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.7	3.3	3.3	2.7	3.0	3.0	3.0	
REF	18	Without hook	BR521-2014	BR521-2014	BR521-2013	BR521-2012	BR521-2011	BR521-2021	BR521-2022	BR521-2023	BR521-2024	
		With hook	BR521-2114	BR521-2114	BR521-2113	-	-	-	-	BR521-2123	BR521-2124	BR521-2124
	22	Without hook	BR522-2014	BR522-2014	BR522-2013	BR522-2012	BR522-2011	BR522-2021	BR522-2022	BR522-2023	BR522-2024	BR522-2024
		With hook	BR522-2114	BR522-2114	BR522-2113	-	-	-	-	BR522-2123	BR522-2124	BR522-2124



Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.4	2.4	2.4	2.4	3.0	3.0	3.0	
REF	18	Without hook	BR521-2045	BR521-2044	BR521-2043	BR521-2031	BR521-2031	BR521-2031	BR521-2031	BR521-2033	BR521-2034	BR521-2035
		With hook	BR521-2145	BR521-2144	BR521-2143	-	-	-	-	BR521-2133	BR521-2134	BR521-2135
	22	Without hook	BR522-2045	BR522-2044	BR522-2043	BR522-2031	BR522-2031	BR522-2031	BR522-2031	BR522-2033	BR522-2034	BR522-2035
		With hook	BR522-2145	BR522-2144	BR522-2143	-	-	-	-	BR522-2133	BR522-2134	BR522-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR521-20	BR521-23	BR521-25
22	BR522-20	BR522-23	BR522-25





Spread Series

MIM Monoblock Bracket

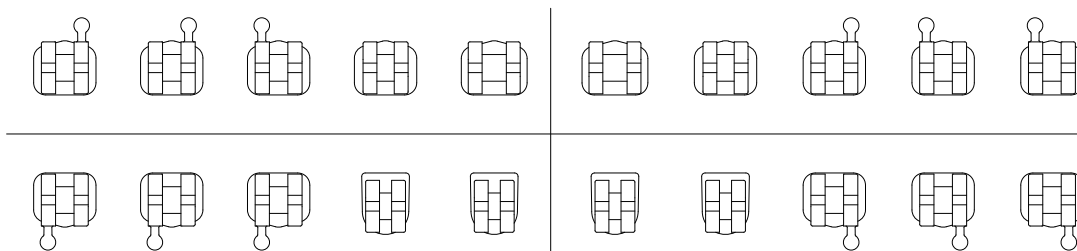
Edgewise Prescription

Sand-Blasted Base

Maxillary

Standard

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.9	3.3	3.3	3.0	3.0	3.0	3.0	
REF	18	Without hook	BR531-2014	BR531-2014	BR531-2013	BR531-2012	BR531-2011	BR531-2011	BR531-2012	BR531-2023	BR531-2024	BR531-2024
		With hook	BR531-2114	BR531-2114	BR531-2113	-	-	-	-	BR531-2123	BR531-2124	BR531-2124
	22	Without hook	BR532-2014	BR532-2014	BR532-2013	BR532-2012	BR532-2011	BR532-2011	BR532-2012	BR532-2023	BR532-2024	BR532-2024
		With hook	BR532-2114	BR532-2114	BR532-2113	-	-	-	-	BR532-2123	BR532-2124	BR532-2124



Mandibular

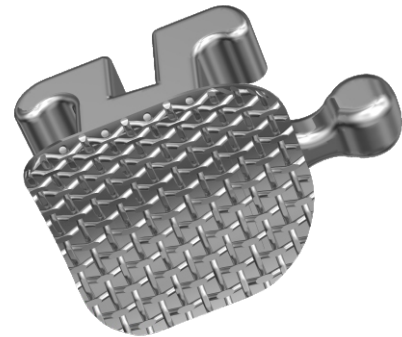
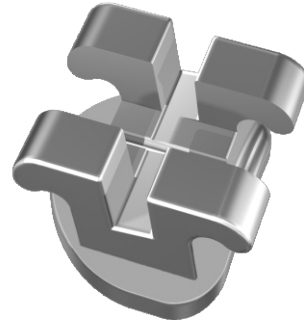
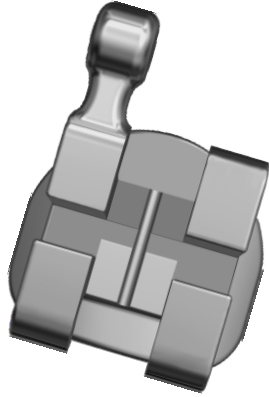
Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.4	2.4	2.4	2.4	3.0	3.0	3.0	
REF	18	Without hook	BR531-2014	BR531-2014	BR531-2023	BR531-2031	BR531-2031	BR531-2031	BR531-2031	BR531-2013	BR531-2024	BR531-2024
		With hook	BR531-2114	BR531-2114	BR531-2123	-	-	-	-	BR531-2113	BR531-2124	BR531-2124
	22	Without hook	BR532-2014	BR532-2014	BR532-2023	BR532-2031	BR532-2031	BR532-2031	BR532-2031	BR532-2013	BR532-2024	BR532-2024
		With hook	BR532-2114	BR532-2114	BR532-2123	-	-	-	-	BR532-2113	BR532-2124	BR532-2124

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR531-20	BR531-23	BR531-25
22	BR532-20	BR532-23	BR532-25



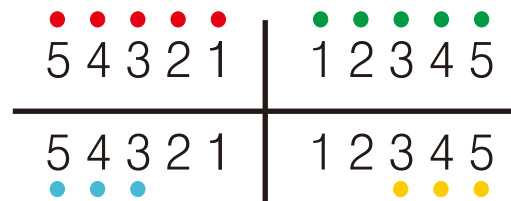
Popular Series

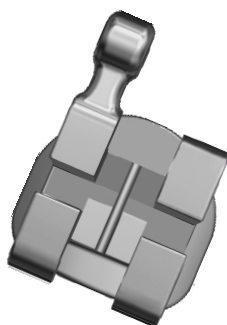


- Wire cutting technology
- Color I.D. for easy identification
- Generous tie wing area for easy ligation
- Torque-in-base design techniques to provide level slot line-up
- Smooth surface and round corners for enhanced patient comfort



Identification System





Popular Series

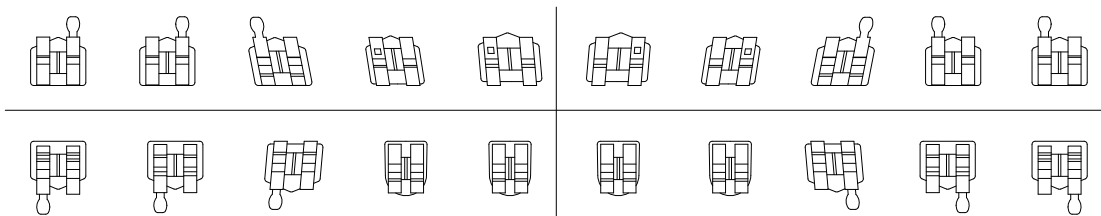
Machining Bracket

ROTH Prescription

Maxillary

Miniature

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.8	2.8	3.2	3.2	2.8	2.8	2.8	2.8	
REF	18	Without hook	BR011-1014	BR011-1014	BR011-1013	BR011-1012	BR011-1011	BR011-1021	BR011-1022	BR011-1023	BR011-1024	
		With hook	BR011-1114	BR011-1114	BR011-1113	-	-	-	-	BR011-1123	BR011-1124	BR011-1124
	22	Without hook	BR012-1014	BR012-1014	BR012-1013	BR012-1012	BR012-1011	BR012-1021	BR012-1022	BR012-1023	BR012-1024	BR012-1024
		With hook	BR012-1114	BR012-1114	BR012-1113	-	-	-	-	BR012-1123	BR012-1124	BR012-1124

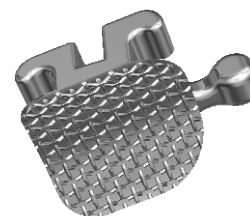


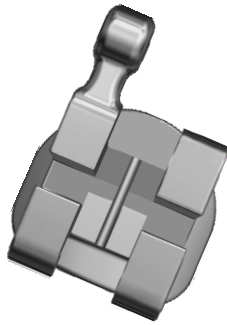
Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.6	0.6	0.7	1.1	1.1	1.1	1.1	0.7	0.6	0.6	
Width mm		2.8	2.8	2.8	2.3	2.3	2.3	2.3	2.8	2.8	2.8	
REF	18	Without hook	BR011-1045	BR011-1044	BR011-1043	BR011-1031	BR011-1031	BR011-1031	BR011-1031	BR011-1033	BR011-1034	BR011-1035
		With hook	BR011-1145	BR011-1144	BR011-1143	-	-	-	-	BR011-1133	BR011-1134	BR011-1135
	22	Without hook	BR012-1045	BR012-1044	BR012-1043	BR012-1031	BR012-1031	BR012-1031	BR012-1031	BR012-1033	BR012-1034	BR012-1035
		With hook	BR012-1145	BR012-1144	BR012-1143	-	-	-	-	BR012-1133	BR012-1134	BR012-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR011-10	BR011-13	BR011-15
22	BR012-10	BR012-13	BR012-15





Popular Series

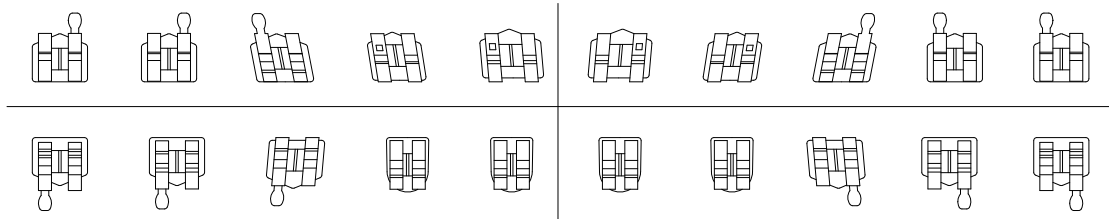
Machining Bracket

ROTH Prescription

Maxillary

Standard

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.6	3.6	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR011-2014	BR011-2014	BR011-2013	BR011-2012	BR011-2011	BR011-2021	BR011-2022	BR011-2023	BR011-2024	
		With hook	BR011-2114	BR011-2114	BR011-2113	-	-	-	-	BR011-2123	BR011-2124	BR011-2124
	22	Without hook	BR012-2014	BR012-2014	BR012-2013	BR012-2012	BR012-2011	BR012-2021	BR012-2022	BR012-2023	BR012-2024	BR012-2024
		With hook	BR012-2114	BR012-2114	BR012-2113	-	-	-	-	BR012-2123	BR012-2124	BR012-2124

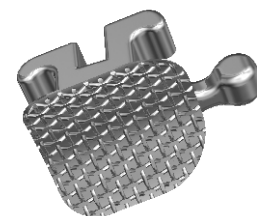


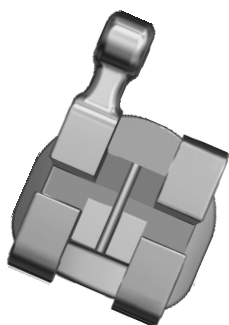
Mandibular

Torque		-22	-17	-11	-2	-2	-2	-2	-11	-17	-22	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.6	0.6	0.7	1.1	1.1	1.1	1.1	0.7	0.6	0.6	
Width mm		3.0	3.0	3.0	2.6	2.6	2.6	2.6	3.0	3.0	3.0	
REF	18	Without hook	BR011-2045	BR011-2044	BR011-2043	BR011-2031	BR011-2031	BR011-2031	BR011-2031	BR011-2033	BR011-2034	BR011-2035
		With hook	BR011-2145	BR011-2144	BR011-2143	-	-	-	-	BR011-2133	BR011-2134	BR011-2135
	22	Without hook	BR012-2045	BR012-2044	BR012-2043	BR012-2031	BR012-2031	BR012-2031	BR012-2031	BR012-2033	BR012-2034	BR012-2035
		With hook	BR012-2145	BR012-2144	BR012-2143	-	-	-	-	BR012-2133	BR012-2134	BR012-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR011-20	BR011-23	BR011-25
22	BR012-20	BR012-23	BR012-25





Popular Series

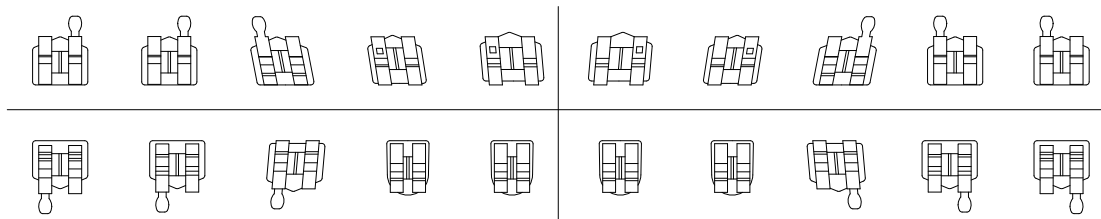
Machining Bracket

M-Sliding® Prescription

Maxillary

Miniature

Torque		-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.9	2.8	3.1	3.1	2.8	2.9	2.8	2.8	
REF	18	Without hook	BR021-1014	BR021-1014	BR021-1013	BR021-1012	BR021-1011	BR021-1021	BR021-1022	BR021-1023	BR021-1024	BR021-1024
		With hook	BR021-1114	BR021-1114	BR021-1113	-	-	-	-	BR021-1123	BR021-1124	BR021-1124
	22	Without hook	BR022-1014	BR022-1014	BR022-1013	BR022-1012	BR022-1011	BR022-1021	BR022-1022	BR022-1023	BR022-1024	BR022-1024
		With hook	BR022-1114	BR022-1114	BR022-1113	-	-	-	-	BR022-1123	BR022-1124	BR022-1124

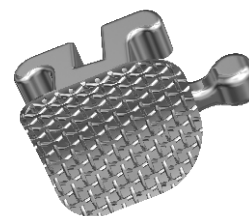


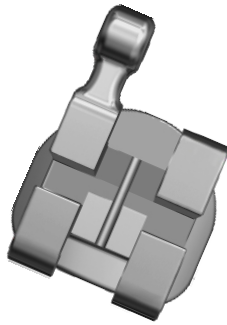
Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		2.8	2.8	2.9	2.3	2.3	2.3	2.3	2.9	2.8	2.8	
REF	18	Without hook	BR021-1045	BR021-1014	BR021-1043	BR021-1031	BR021-1031	BR021-1031	BR021-1031	BR021-1033	BR021-1034	BR021-1035
		With hook	BR021-1145	BR021-1144	BR021-1143	-	-	-	-	BR021-1133	BR021-1134	BR021-1135
	22	Without hook	BR022-1045	BR022-1044	BR022-1043	BR022-1031	BR022-1031	BR022-1031	BR022-1031	BR022-1033	BR022-1034	BR022-1035
		With hook	BR022-1145	BR022-1144	BR022-1143	-	-	-	-	BR022-1133	BR022-1134	BR022-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR021-10	BR021-13	BR021-15
22	BR022-10	BR022-13	BR022-15





Popular Series

Machining Bracket

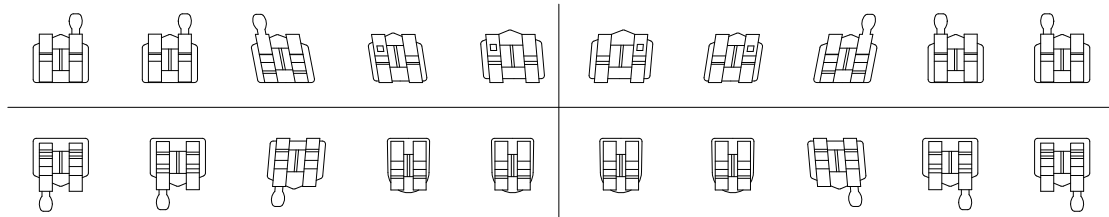
M-Sliding® Prescription

Metal Brackets

Maxillary

Standard

Torque		-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.6	3.6	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR021-2014	BR021-2014	BR021-2013	BR021-2012	BR021-2011	BR021-2021	BR021-2022	BR021-2023	BR021-2024	
		With hook	BR021-2114	BR021-2114	BR021-2113	-	-	-	-	BR021-2123	BR021-2124	BR021-2124
	22	Without hook	BR022-2014	BR022-2014	BR022-2013	BR022-2012	BR022-2011	BR022-2021	BR022-2022	BR022-2023	BR022-2024	BR022-2024
		With hook	BR022-2114	BR022-2114	BR022-2113	-	-	-	-	BR022-2123	BR022-2124	BR022-2124

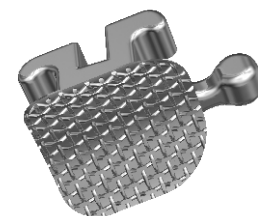


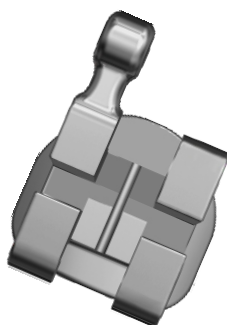
Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.6	2.6	2.6	2.6	3.0	3.0	3.0	
REF	18	Without hook	BR021-2045	BR021-2044	BR021-2043	BR021-2031	BR021-2031	BR021-2031	BR021-2031	BR021-2033	BR021-2034	BR021-2035
		With hook	BR021-2145	BR021-2144	BR021-2143	-	-	-	-	BR021-2133	BR021-2134	BR021-2135
	22	Without hook	BR022-2045	BR022-2044	BR022-2043	BR022-2031	BR022-2031	BR022-2031	BR022-2031	BR022-2033	BR022-2034	BR022-2035
		With hook	BR022-2145	BR022-2144	BR022-2143	-	-	-	-	BR022-2133	BR022-2134	BR022-2135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR021-20	BR021-23	BR021-25
22	BR022-20	BR022-23	BR022-25





Popular Series

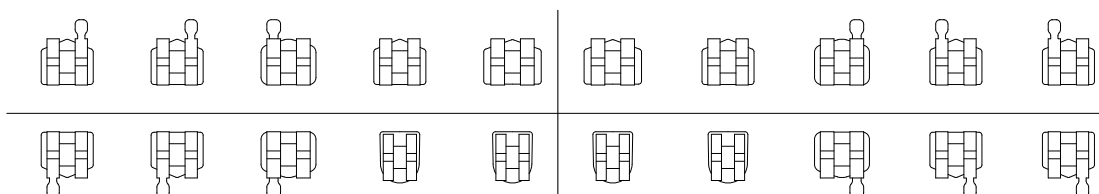
Machining Bracket

Edgewise Prescription

Maxillary

Miniature

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.9	2.9	2.9	2.8	3.1	3.1	2.8	2.9	2.9	2.9	
REF	18	Without hook	BR031-1014	BR031-1014	BR031-1013	BR031-1012	BR031-1011	BR031-1011	BR031-1012	BR031-1023	BR031-1024	BR031-1024
		With hook	BR031-1114	BR031-1114	BR031-1113	—	—	—	—	BR031-1123	BR031-1124	BR031-1124
	22	Without hook	BR032-1014	BR032-1014	BR032-1013	BR032-1012	BR032-1011	BR032-1011	BR032-1012	BR032-1023	BR032-1024	BR032-1024
		With hook	BR032-1114	BR032-1114	BR032-1113	—	—	—	—	BR032-1123	BR032-1124	BR032-1124

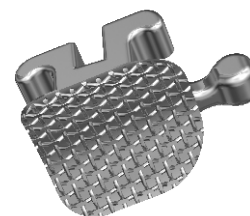


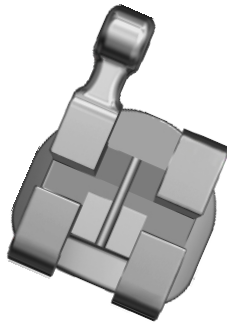
Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.9	2.9	2.9	2.3	2.3	2.3	2.3	2.9	2.9	2.9	
REF	18	Without hook	BR031-1014	BR031-1014	BR031-1023	BR031-1031	BR031-1031	BR031-1031	BR031-1031	BR031-1013	BR031-1024	BR031-1024
		With hook	BR031-1114	BR031-1114	BR031-1123	—	—	—	—	BR031-1113	BR031-1124	BR031-1124
	22	Without hook	BR032-1014	BR032-1014	BR032-1023	BR032-1031	BR032-1031	BR032-1031	BR032-1031	BR032-1013	BR032-1024	BR032-1024
		With hook	BR032-1114	BR032-1114	BR032-1123	—	—	—	—	BR032-1113	BR032-1124	BR032-1124

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR031-10	BR031-13	BR031-15
22	BR032-10	BR032-13	BR032-15





Popular Series

Machining Bracket

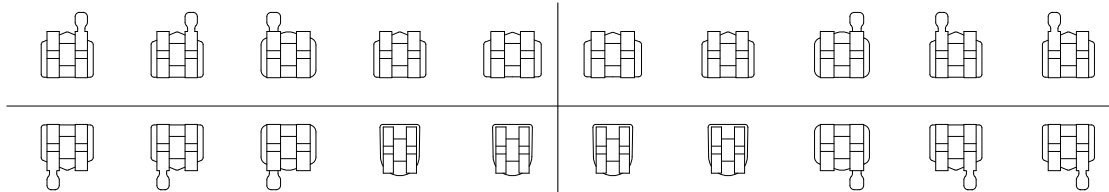
Edgewise Prescription

Metal Brackets

Maxillary

Standard

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.8	3.2	3.2	2.8	3.0	3.0	3.0	
REF	18	Without hook	BR031-2014	BR031-2014	BR031-2013	BR031-2012	BR031-2011	BR031-2011	BR031-2012	BR031-2023	BR031-2024	BR031-2024
		With hook	BR031-2114	BR031-2114	BR031-2113	-	-	-	-	BR031-2123	BR031-2124	BR031-2124
	22	Without hook	BR032-2014	BR032-2014	BR032-2013	BR032-2012	BR032-2011	BR032-2011	BR032-2012	BR032-2023	BR032-2024	BR032-2024
		With hook	BR032-2114	BR032-2114	BR032-2113	-	-	-	-	BR032-2123	BR032-2124	BR032-2124

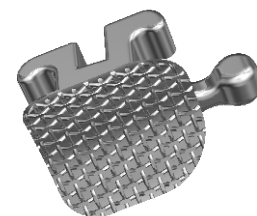


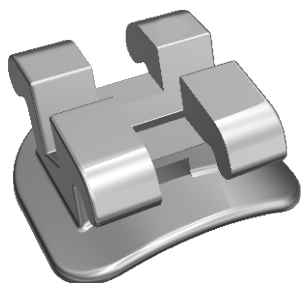
Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		3.0	3.0	3.0	2.3	2.3	2.3	2.3	3.0	3.0	3.0	
REF	18	Without hook	BR031-2014	BR031-2014	BR031-2023	BR031-2031	BR031-2031	BR031-2031	BR031-2031	BR031-2013	BR031-2024	BR031-2024
		With hook	BR031-2114	BR031-2114	BR031-2123	-	-	-	-	BR031-2113	BR031-2124	BR031-2124
	22	Without hook	BR032-2014	BR032-2014	BR032-2023	BR032-2031	BR032-2031	BR032-2031	BR032-2031	BR032-2013	BR032-2024	BR032-2024
		With hook	BR032-2114	BR032-2114	BR032-2123	-	-	-	-	BR032-2113	BR032-2124	BR032-2124

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR031-20	BR031-23	BR031-25
22	BR032-20	BR032-23	BR032-25





Popular Series

Vertical Slot Bracket

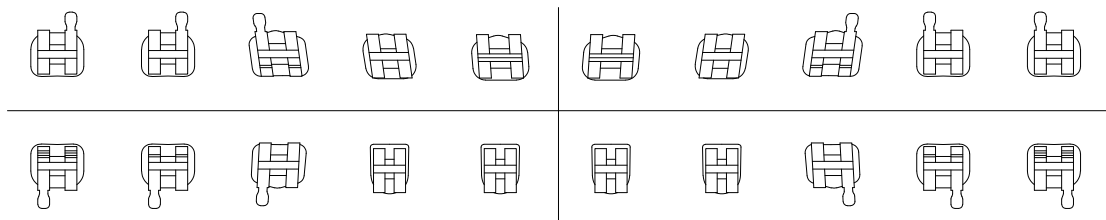
ROTH Prescription

Vertical Slot allows easy insertion and removal of various auxiliaries to help teeth alignment

Maxillary

Miniature

Torque	-7	-7	-2	+8	+12	+12	+8	-2	-7	-7		
Tip	0	0	+11	+9	+5	+5	+9	+11	0	0		
In/out mm	0.9	0.9	0.9	1.25	0.9	0.9	1.25	0.9	0.9	0.9		
Width mm	2.8	2.8	2.8	2.8	3.2	3.2	2.8	2.8	2.8	2.8		
REF	18	Without hook	BR011-1014V	BR011-1014V	BR011-1013V	BR011-1012V	BR011-1011V	BR011-1021V	BR011-1022V	BR011-1023V	BR011-1024V	BR011-1024V
		With hook	BR011-1114V	BR011-1114V	BR011-1113V	-	-	-	-	BR011-1123V	BR011-1124V	BR011-1124V
	22	Without hook	BR012-1014V	BR012-1014V	BR012-1013V	BR012-1012V	BR012-1011V	BR012-1021V	BR012-1022V	BR012-1023V	BR012-1024V	BR012-1024V
		With hook	BR012-1114V	BR012-1114V	BR012-1113V	-	-	-	-	BR012-1123V	BR012-1124V	BR012-1124V

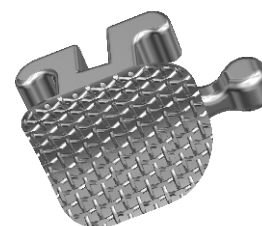


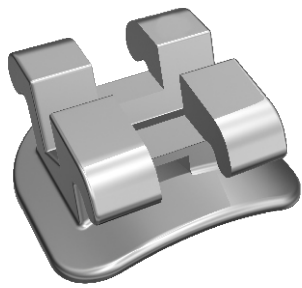
Mandibular

Torque	-22	-17	-11	-1	-1	-1	-1	-11	-17	-22		
Tip	0	0	+7	0	0	0	0	+7	0	0		
In/out mm	0.9	0.9	0.9	1.2	1.2	1.2	1.2	0.9	0.9	0.9		
Width mm	2.8	2.8	2.8	2.5	2.5	2.5	2.5	2.8	2.8	2.8		
REF	18	Without hook	BR011-1045V	BR011-1044V	BR011-1043V	BR011-1031V	BR011-1031V	BR011-1031V	BR011-1031V	BR011-1033V	BR011-1034V	BR011-1035V
		With hook	BR011-1145V	BR011-1144V	BR011-1143V	-	-	-	-	BR011-1133V	BR011-1134V	BR011-1135V
	22	Without hook	BR012-1045V	BR012-1044V	BR012-1043V	BR012-1031V	BR012-1031V	BR012-1031V	BR012-1031V	BR012-1033V	BR012-1034V	BR012-1035V
		With hook	BR012-1145V	BR012-1144V	BR012-1143V	-	-	-	-	BR012-1133V	BR012-1134V	BR012-1135V

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR011-10V	BR011-13V	BR011-15V
22	BR012-10V	BR012-13V	BR012-15V





Popular Series

Vertical Slot Bracket

M-Sliding® Prescription

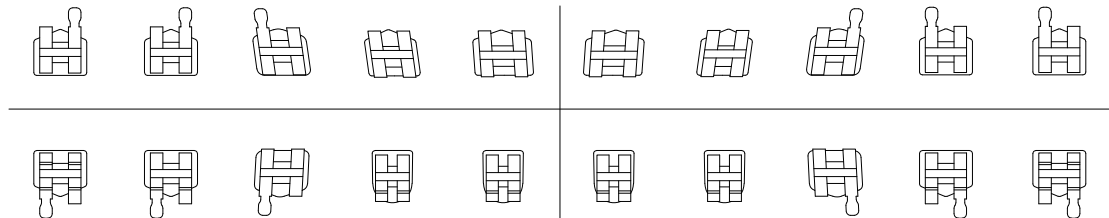
Metal Brackets

Vertical Slot allows easy insertion and removal of various auxiliaries to help teeth alignment

Maxillary

Miniature

Torque		-7	-7	-7	+10	+17	+17	+10	-7	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.9	0.9	0.9	1.25	0.9	0.9	1.25	0.9	0.9	0.9	
Width mm		2.8	2.8	2.9	2.8	3.1	3.1	2.8	2.9	2.8	2.8	
REF	18	Without hook	BR021-1014V	BR021-1014V	BR021-1013V	BR021-1012V	BR021-1011V	BR021-1021V	BR021-1022V	BR021-1023V	BR021-1024V	BR021-1024V
		With hook	BR021-1114V	BR021-1114V	BR021-1113V	-	-	-	-	BR021-1123V	BR021-1124V	BR021-1124V
	22	Without hook	BR022-1014V	BR022-1014V	BR022-1013V	BR022-1012V	BR022-1011V	BR022-1021V	BR022-1022V	BR022-1023V	BR022-1024V	BR022-1024V
		With hook	BR022-1114V	BR022-1114V	BR022-1113V	-	-	-	-	BR022-1123V	BR022-1124V	BR022-1124V

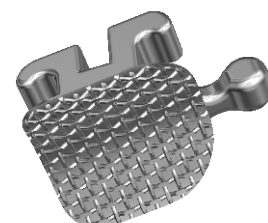


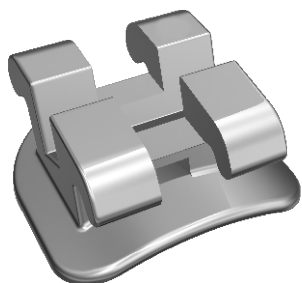
Mandibular

Torque		-17	-12	-6	-6	-6	-6	-6	-6	-12	-17	
Tip		0	0	+5	0	0	0	0	+5	0	0	
In/out mm		0.9	0.9	0.9	1.2	1.2	1.2	1.2	0.9	0.9	0.9	
Width mm		2.8	2.8	2.9	2.3	2.3	2.3	2.3	2.9	2.8	2.8	
REF	18	Without hook	BR021-1045V	BR021-1044V	BR021-1043V	BR021-1031V	BR021-1031V	BR021-1031V	BR021-1031V	BR021-1033V	BR021-1034V	BR021-1035V
		With hook	BR021-1145V	BR021-1144V	BR021-1143V	-	-	-	-	BR021-1133V	BR021-1134V	BR021-1135V
	22	Without hook	BR022-1045V	BR022-1044V	BR022-1043V	BR022-1031V	BR022-1031V	BR022-1031V	BR022-1031V	BR022-1033V	BR022-1034V	BR022-1035V
		With hook	BR022-1145V	BR022-1144V	BR022-1143V	-	-	-	-	BR022-1133V	BR022-1134V	BR022-1135V

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR021-10V	BR021-13V	BR021-15V
22	BR022-10V	BR022-13V	BR022-15V





Popular Series

Vertical Slot Bracket

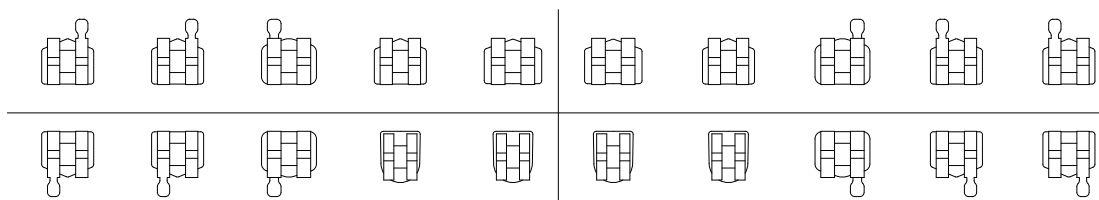
Edgewise Prescription

Vertical Slot allows easy insertion and removal of various auxiliaries to help teeth alignment

Maxillary

Miniature

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.0	2.8	2.8	
REF	18	Without hook	BR031-1014V	BR031-1014V	BR031-1013V	BR031-1012V	BR031-1011V	BR031-1021V	BR031-1022V	BR031-1023V	BR031-1024V	BR031-1024V
		With hook	BR031-1114V	BR031-1114V	BR031-1113V	-	-	-	-	BR031-1123V	BR031-1124V	BR031-1124V
	22	Without hook	BR032-1014V	BR032-1014V	BR032-1013V	BR032-1012V	BR032-1011V	BR032-1021V	BR032-1022V	BR032-1023V	BR032-1024V	BR032-1024V
		With hook	BR032-1114V	BR032-1114V	BR032-1113V	-	-	-	-	BR032-1123V	BR032-1124V	BR032-1124V

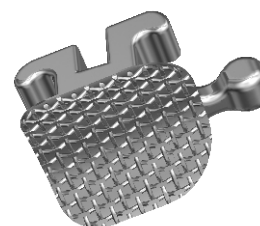


Mandibular

Torque		0	0	0	0	0	0	0	0	0	0	
Tip		0	0	0	0	0	0	0	0	0	0	
In/out mm		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm		2.8	2.8	3.0	2.3	2.3	2.3	2.3	3.0	2.8	2.8	
REF	18	Without hook	BR031-1014V	BR031-1014V	BR031-1013V	BR031-1021V	BR031-1031V	BR031-1031V	BR031-1031V	BR031-1023V	BR031-1024V	BR031-1024V
		With hook	BR031-1114V	BR031-1114V	BR031-1123V	-	-	-	-	BR031-1113V	BR031-1124V	BR031-1124V
	22	Without hook	BR032-1014V	BR032-1014V	BR032-1013V	BR032-1021V	BR032-1031V	BR032-1031V	BR032-1031V	BR032-1023V	BR032-1024V	BR032-1024V
		With hook	BR032-1114V	BR032-1114V	BR032-1123V	-	-	-	-	BR032-1113V	BR032-1124V	BR032-1124V

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR031-10V	BR031-13V	BR031-15V
22	BR032-10V	BR032-13V	BR032-15V



Mini Lingual

3BR

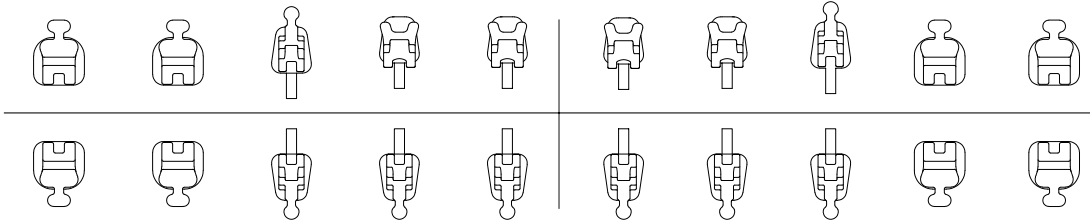
New Lingual Bracket

Metal Brackets



Maxillary

Torque		-11	-11	-55	-55	-55	-55	-55	-55	-11	-11
Tip		0	0	0	0	0	0	0	0	0	0
In/out mm		0.65	0.65	1.0	1.0	1.0	1.0	1.0	1.0	0.65	0.65
Width mm		2.1	2.1	2.5	2.5	2.5	2.5	2.5	2.5	2.1	2.1
REF	18	Without hook	-	-	-	BR053-1511	BR053-1511	BR053-1511	BR053-1511	-	-
		With hook	BR053-1114	BR053-1114	BR053-1513	-	-	-	-	BR053-1513	BR053-1114
	22	With hook	BR053-1214	BR053-1214	-	-	-	-	-	-	BR053-1214



Mandibular

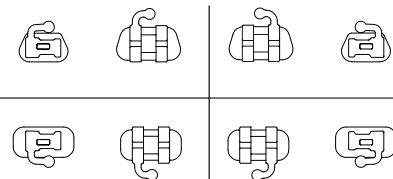
Torque		-11	-11	-40	-40	-40	-40	-40	-40	-11	-11
Tip		0	0	0	0	0	0	0	0	0	0
In/out mm		0.65	0.65	0.7	0.7	0.7	0.7	0.7	0.7	0.65	0.65
Width mm		2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1
REF	18	With hook	BR053-1114	BR053-1114	BR053-1531	BR053-1531	BR053-1531	BR053-1531	BR053-1531	BR053-1114	BR053-1114
	22	With hook	BR053-1214	BR053-1214	-	-	-	-	-	BR053-1214	BR053-1214

Slot Size	5-5	7-7
18	BR053-115	BR053-1517
18+22	BR053-15	BR053-157



- Lower profile and mini shape reduces problem of tongue irritation and speech issues.
- Anterior brackets with 0.018" slot, posterior brackets are with 0.022" or 0.018".
- MIM technology ensures better shape and precise slot.
- Anterior brackets with Guiding Tool to simplify bonding operation.

Torque		0	0	0	0
Tip		0	0	0	0
In/out mm		0.6	0.6	0.6	0.6
Width mm		3.3	3.5	3.5	3.3
REF	18	BR053-1017	BR053-1016	BR053-1026	BR053-1027
	22	BR053-2017	BR053-2016	BR053-2026	BR053-2027



Torque		0	0	0	0
Tip		0	0	0	0
In/out mm		0.6	0.6	0.6	0.6
Width mm		3.3	3.5	3.5	3.3
REF	18	BR053-1047	BR053-1046	BR053-1036	BR053-1037
	22	BR053-2047	BR053-2046	BR053-2036	BR053-2037



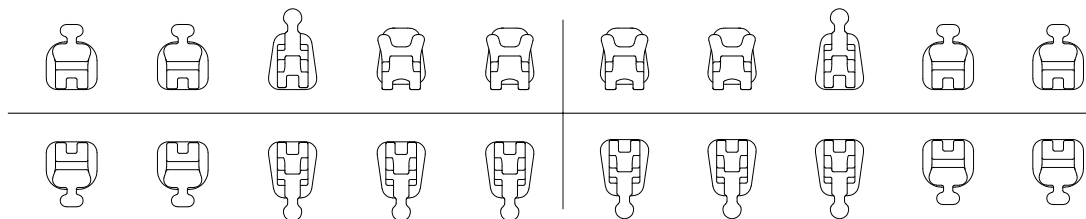
Mini Lingual

ORG PLUS

New Lingual Bracket

Maxillary

Torque		-11	-11	-55	-55	-55	-55	-55	-55	-11	-11
Tip		0	0	0	0	0	0	0	0	0	0
In/out mm		0.65	0.65	1.0	1.0	1.0	1.0	1.0	1.0	0.65	0.65
Width mm		2.1	2.1	2.5	2.5	2.5	2.5	2.5	2.5	2.1	2.1
REF	18	Without hook	-	-	-	BR053-1011	BR053-1011	BR053-1011	BR053-1011	-	-
		With hook	BR053-1114	BR053-1114	BR053-1113	-	-	-	-	BR053-1113	BR053-1114
	22	With hook	BR053-1214	BR053-1214	-	-	-	-	-	-	BR053-1214



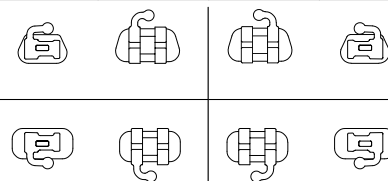
Mandibular

Torque		-11	-11	-40	-40	-40	-40	-40	-40	-11	-11
Tip		0	0	0	0	0	0	0	0	0	0
In/out mm		0.65	0.65	0.7	0.7	0.7	0.7	0.7	0.7	0.65	0.65
Width mm		2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1
REF	18	Without hook	-	-	-	-	-	-	-	-	-
		With hook	BR053-1114	BR053-1114	BR053-1131	BR053-1131	BR053-1131	BR053-1131	BR053-1131	BR053-1114	BR053-1114
	22	With hook	BR053-1214	BR053-1214	-	-	-	-	-	BR053-1214	BR053-1214

Slot Size	5-5	7-7
18	BR053-110	BR053-117
18+22	BR053-10	BR053-107



Torque		0	0	0	0
Tip		0	0	0	0
In/out mm		0.6	0.6	0.6	0.6
Width mm		3.3	3.5	3.5	3.3
REF	18	BR053-1017	BR053-1016	BR053-1026	BR053-1027
	22	BR053-2017	BR053-2016	BR053-2026	BR053-2027



- Lower profile and mini shape reduces problem of tongue irritation and speech issues.
- Anterior brackets with 0.018" slot, posterior brackets are with 0.022" or 0.018".
- MIM technology ensures better shape and precise slot.

Torque		0	0	0	0
Tip		0	0	0	0
In/out mm		0.6	0.6	0.6	0.6
Width mm		3.3	3.5	3.5	3.3
REF	18	BR053-1047	BR053-1046	BR053-1036	BR053-1037
	22	BR053-2047	BR053-2046	BR053-2036	BR053-2037

Mini Lingual

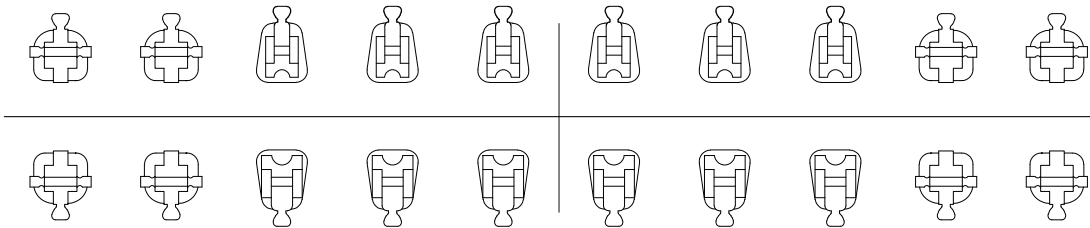
Lingual Bracket

System – II



Maxillary

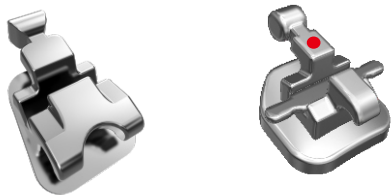
Torque	-11	-11	-40	-40	-40	-40	-40	-40	-11	-11
Tip	0	0	0	0	0	0	0	0	0	0
In/out mm	0.65	0.65	1.0	1.0	1.0	1.0	1.0	1.0	0.65	0.65
Width mm	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0
REF	18	Without hook	-	-	-	-	-	-	-	-
		With hook	BR051-1114	BR051-1114	BR051-1111	BR051-1111	BR051-1111	BR051-1111	BR051-1111	BR051-1114



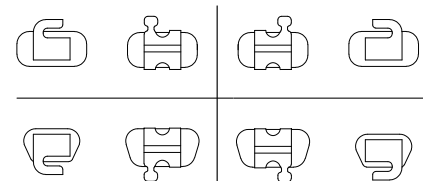
Mandibular

Torque	-11	-11	-40	-40	-40	-40	-40	-40	-11	-11
Tip	0	0	0	0	0	0	0	0	0	0
In/out mm	0.65	0.65	0.7	0.7	0.7	0.7	0.7	0.7	0.65	0.65
Width mm	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
REF	18	Without hook	-	-	-	-	-	-	-	-
		With hook	BR051-1114	BR051-1114	BR051-1131	BR051-1131	BR051-1131	BR051-1131	BR051-1131	BR051-1114

Slot Size	5-5	7-7
18	BR051-10	BR051-15

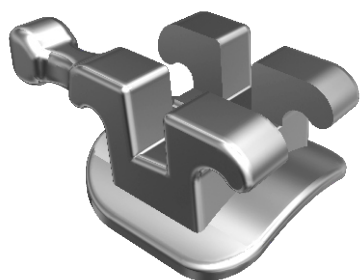


Torque	0	-10	-10	0	
Tip	0	0	0	0	
In/out mm	0.6	0.6	0.6	0.6	
Width mm	3.0	3.0	3.0	3.0	
REF	18	BR051-1017	BR051-1016	BR051-1026	BR051-1027



- Mini size and lower profile reduces problem of tongue irritation and speech problem.
- All bracket and molar tubes are 0.018" slot.
- M-D extension pad in the slot for better tooth rotation control.

Torque	0	0	0	0	
Tip	0	0	0	0	
In/out mm	0.6	0.6	0.6	0.6	
Width mm	3.0	3.0	3.0	3.0	
REF	18	BR051-1047	BR051-1046	BR051-1036	BR051-1037



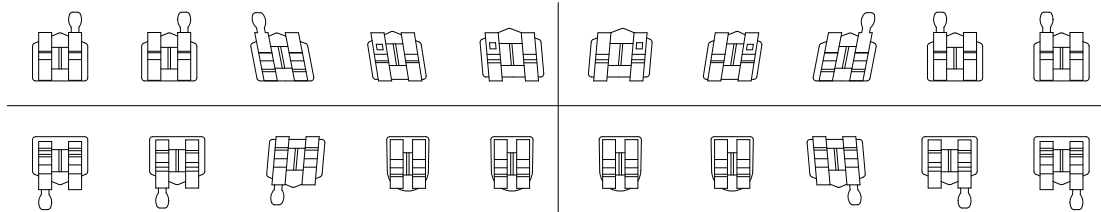
**Other Bracket
Popular Series
Ricketts* Bracket**

Bio-Progressive

Maxillary

Miniature

Torque	0	0	+7	+14	+22	+22	+14	+7	0	0	
Tip	0	0	+7	+8	+5	+5	+8	+7	0	0	
In/out mm	0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm	2.8	2.8	2.8	2.8	3.2	3.2	2.8	2.8	2.8	2.8	
REF 18	Without hook	BR041-1014	BR041-1014	BR041-1013	BR041-1012	BR041-1011	BR041-1021	BR041-1022	BR041-1023	BR041-1024	BR041-1024
	With hook	BR041-1114	BR041-1114	BR041-1113	-	-	-	-	BR041-1123	BR041-1124	BR041-1124

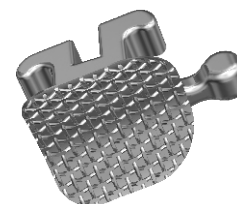


Mandibular

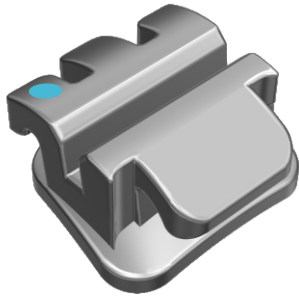
Torque	0	0	+7	-1	-1	-1	-1	+7	0	0	
Tip	0	0	+5	0	0	0	0	+5	0	0	
In/out mm	0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm	2.8	2.8	2.8	2.3	2.3	2.3	2.3	2.8	2.8	2.8	
REF 18	Without hook	BR041-1045	BR041-1044	BR041-1043	BR041-1031	BR041-1031	BR041-1031	BR041-1031	BR041-1033	BR041-1034	BR041-1035
	With hook	BR041-1145	BR041-1144	BR041-1143	-	-	-	-	BR041-1133	BR041-1134	BR041-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
18	BR041-10	BR041-13	BR041-15



3B's version of Ricketts brackets is not claimed to be a duplication of any other, nor does 3B imply that it is endorsed in any way by others.

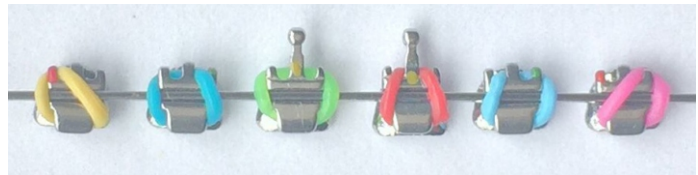


Popular Series

Light-Force Bracket

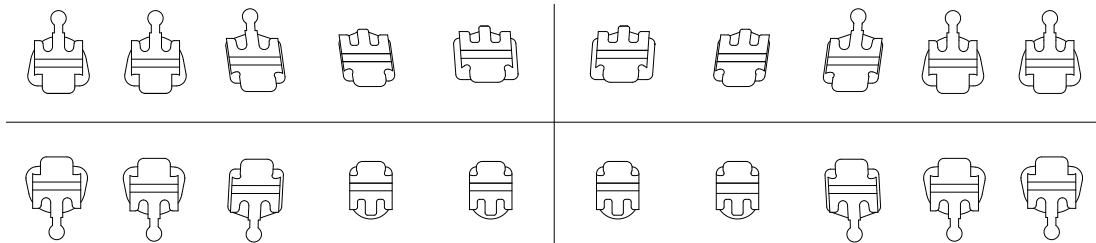
M-Sliding® Prescription

Metal Brackets



Maxillary

Torque	-7	-7	0	+10	+17	+17	+10	0	-7	-7		
Tip	0	0	+8	+8	+4	+4	+8	+8	0	0		
In/out mm	0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7		
Width mm	3.4	3.4	3.6	3.4	3.6	3.6	3.4	3.4	3.4	3.4		
REF	22	Without hook	BR122-1014	BR122-1014	BR122-1013	BR122-1012	BR122-1011	BR122-1021	BR122-1022	BR122-1023	BR122-1024	BR122-1024
		With hook	BR122-1114	BR122-1114	BR122-1113	-	-	-	-	BR122-1123	BR122-1124	BR122-1124



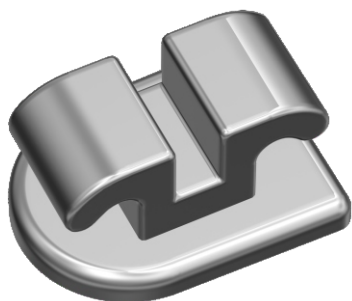
Mandibular

Torque	-17	-12	0	-6	-6	-6	-6	0	-12	-17		
Tip	0	0	+3	0	0	0	0	+3	0	0		
In/out mm	0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7		
Width mm	3.4	3.4	3.4	3.0	3.0	3.0	3.0	3.4	3.4	3.4		
REF	22	Without hook	BR122-1045	BR122-1044	BR122-1143	BR122-1031	BR122-1031	BR122-1031	BR122-1031	BR122-1033	BR122-1034	BR122-1035
		With hook	BR122-1145	BR122-1144	BR122-1143	-	-	-	-	BR122-1133	BR122-1134	BR122-1135

Item Code in 20pcs/set

Slot Size	Without hook	Cuspid With hook	3,4,5 With hooks
22	BR122-10	BR122-13	BR122-15



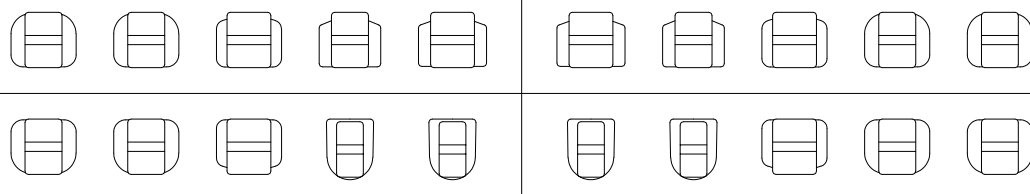


Popular Series

Tweed* Bracket

Maxillary

Torque	0	0	0	0	0	0	0	0	0	0	0	
Tip	0	0	0	0	0	0	0	0	0	0	0	
In/out mm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm	2.1	2.1	2.5	2.0	2.5	2.5	2.0	2.5	2.1	2.1	2.1	
REF	22	Without hook	BR062-1014	BR062-1014	BR062-1013	BR062-1012	BR062-1011	BR062-1011	BR062-1012	BR062-1013	BR062-1014	BR062-1014



Mandibular

Torque	0	0	0	0	0	0	0	0	0	0	0	
Tip	0	0	0	0	0	0	0	0	0	0	0	
In/out mm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
Width mm	2.1	2.1	2.5	1.5	1.5	1.5	1.5	2.5	2.1	2.1	2.1	
REF	22	Without hook	BR062-1014	BR062-1014	BR062-1013	BR062-1031	BR062-1031	BR062-1031	BR062-1031	BR062-1013	BR062-1014	BR062-1014

Item Code in 20pcs/set

Slot Size	Without hook
22	BR062-10



3B's version of Tweed brackets is not claimed to be a duplication of any other, nor does 3B imply that it is endorsed in any way by others.

Popular Series

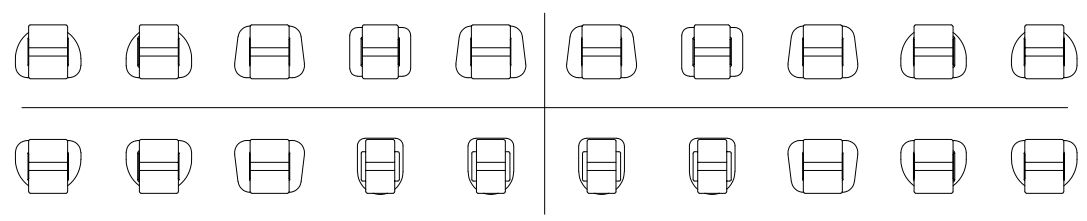
Broussard* Bracket



Single Wing Bracket With Vertical Slot (1.20mm × 0.65mm)

Maxillary

Torque	0	0	0	0	0	0	0	0	0	0		
Tip	0	0	0	0	0	0	0	0	0	0		
In/out mm	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.0	1.0	1.0		
Width mm	2.5	2.5	2.5	2.3	2.5	2.5	2.3	2.5	2.5	2.5		
REF	22	Without hook	BR062-1014V	BR062-1014V	BR062-1013V	BR062-1012V	BR062-1011V	BR062-1011V	BR062-1012V	BR062-1013V	BR062-1014V	BR062-1014V



Mandibular

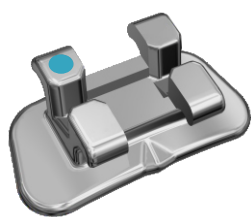
Torque	0	0	0	0	0	0	0	0	0	0		
Tip	0	0	0	0	0	0	0	0	0	0		
In/out mm	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.0	1.0	1.0		
Width mm	2.5	2.5	2.5	1.9	1.9	1.9	1.9	2.5	2.5	2.5		
REF	22	Without hook	BR062-1014V	BR062-1014V	BR062-1013V	BR062-1031V	BR062-1031V	BR062-1031V	BR062-1031V	BR062-1013V	BR062-1014V	BR062-1014V

Item Code in 20pcs/set

Slot Size	Without hook
22	BR062-10V



3B's version of Broussard brackets is not claimed to be a duplication of any other, nor does 3B imply that it is endorsed in any way by others.



1st Molar Bracket



Bondable Bicuspoid Tubes

Popular Series



1 st Molar Bracket						No Hook		With Hook	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BR012-016	BR011-016	BR012-016H	BR011-016H
					UL	BR012-026	BR011-026	BR012-026H	BR011-026H
Roth	-25°	+4°	0.5	4.0	LL	BR012-036	BR011-036	BR012-036H	BR011-036H
					LR	BR012-046	BR011-046	BR012-046H	BR011-046H
M-Sliding	-20°	0°	0.5	4.0	LL	BR022-036	BR021-036	BR022-036H	BR021-036H
					LR	BR022-046	BR021-046	BR022-046H	BR021-046H
Edgewise	0°	0°	0.5	4.0	UR/LL	BR032-016	BR031-016	BR032-016H	BR031-016H
					UL/LR	BR032-026	BR031-026	BR032-026H	BR031-026H

Item Code in 4pcs/set

Hook	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
With hook	BR011-006H	BR012-006H	BR021-006H	BR022-006H	BR031-006H	BR032-006H
Without hook	BR011-006	BR011-006	BR021-006	BR022-006	BR031-006	BR032-006

Bondable Bicuspoid Tubes



Bicuspoid Tube							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-7°	0°	0.7	3.0	UR	BT512-1015	BT511-1015
					UL	BT512-1025	BT511-1025
Roth	-22°	0°	0.6	3.0	LL	BT512-1035	BT511-1035
					LR	BT512-1045	BT511-1045
M-Sliding	-17°	0°	0.7	3.0	LL	BT522-1035	BT521-1035
					LR	BT522-1045	BT521-1045

Item Code in 4pcs/set

Roth		M-Sliding	
18	22	18	22
BT511-105	BT512-105	BT521-105	BT522-105





Refined Series

Ice Crystal Ceramic Bracket



- Ceramic Brackets made from polycrystalline alumina ensuring clear and transparent
- Low contour design for maximum patient's comfort
- Mechanical Base design for better bonding strength and convenient for debonding
- Generous tie wing space for easy ligating
- Enhanced base design for easy and safety debonding



Identification System

● ● ● ● ●	● ● ● ● ●
5 4 3 2 1	1 2 3 4 5
5 4 3 2 1	1 2 3 4 5
● ● ● ● ●	● ● ● ● ●

Sapphire Bracket



- Lowest friction aesthetic sapphire ceramic bracket
- Superior monocrystalline clear appearance
- Low contour design bring maximum patient comfort

Identification System

● ● ● ● ●	● ● ● ● ●
5 4 3 2 1	1 2 3 4 5
5 4 3 2 1	1 2 3 4 5
● ● ● ● ●	● ● ● ● ●



Poly-Crystalline

Refined Series

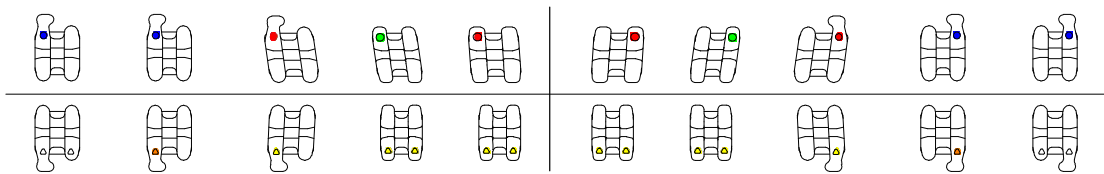
Ceramic Bracket

ROTH Prescription

Ceramic Brackets

Maxillary

Torque		-7	-7	-2	+8	+12	+12	+8	-2	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.6	3.3	3.7	3.7	3.3	3.6	3.3	3.3	
REF	18	Without hook	BR211-2014	BR211-2014	BR211-2013	BR211-2012	BR211-2011	BR211-2021	BR211-2022	BR211-2023	BR211-2024	BR211-2024
		With hook	BR211-2114	BR211-2114	BR211-2113	-	-	-	-	BR211-2123	BR211-2124	BR211-2124
	22	Without hook	BR212-2014	BR212-2014	BR212-2013	BR212-2012	BR212-2011	BR212-2021	BR212-2022	BR212-2023	BR212-2024	BR212-2024
		With hook	BR212-2114	BR212-2114	BR212-2113	-	-	-	-	BR212-2123	BR212-2124	BR212-2124



Mandibular

Torque		-22	-17	-11	-1	-1	-1	-1	-11	-17	-22	
Tip		0	0	+7	0	0	0	0	+7	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	3.1	3.1	3.1	3.1	3.4	3.3	3.3	
REF	18	Without hook	BR211-2045	BR211-2044	BR211-2043	BR211-2031	BR211-2031	BR211-2031	BR211-2031	BR211-2033	BR211-2034	BR211-2035
		With hook	BR211-2145	BR211-2144	BR211-2143	-	-	-	-	BR211-2133	BR211-2134	BR211-2135
	22	Without hook	BR212-2045	BR212-2044	BR212-2043	BR212-2031	BR212-2031	BR212-2031	BR212-2031	BR212-2033	BR212-2034	BR212-2035
		With hook	BR212-2145	BR212-2144	BR212-2143	-	-	-	-	BR212-2133	BR212-2134	BR212-2135

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
18	BR211-23	BR211-25
22	BR212-23	BR212-25





Refined Series

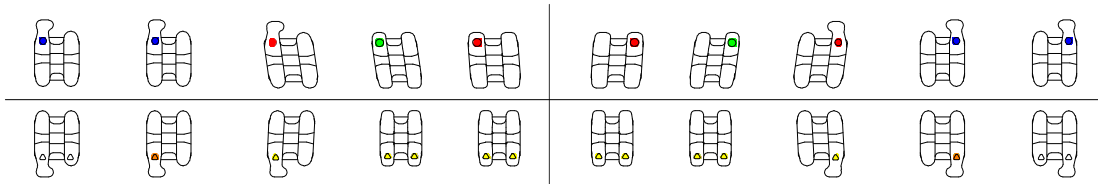
Ceramic Bracket

M-Sliding® Prescription

Poly-Crystalline

Maxillary

Torque		-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.6	3.3	3.7	3.7	3.3	3.6	3.3	3.3	
REF	18	Without hook	BR221-2014	BR221-2014	BR221-2013	BR221-2012	BR221-2011	BR221-2021	BR221-2022	BR221-2023	BR221-2024	BR221-2024
		With hook	BR221-2114	BR221-2114	BR221-2113	-	-	-	-	BR221-2123	BR221-2124	BR221-2124
	22	Without hook	BR222-2014	BR222-2014	BR222-2013	BR222-2012	BR222-2011	BR222-2021	BR222-2022	BR222-2023	BR222-2024	BR222-2024
		With hook	BR222-2114	BR222-2114	BR222-2113	-	-	-	-	BR222-2123	BR222-2124	BR222-2124



Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	3.1	3.1	3.1	3.1	3.4	3.3	3.3	
REF	18	Without hook	BR221-2045	BR221-2044	BR221-2043	BR221-2031	BR221-2031	BR221-2031	BR221-2031	BR221-2033	BR221-2034	BR221-2035
		With hook	BR221-2145	BR221-2144	BR221-2143	-	-	-	-	BR221-2133	BR221-2134	BR221-2135
	22	Without hook	BR222-2045	BR222-2044	BR222-2043	BR222-2031	BR222-2031	BR222-2031	BR222-2031	BR222-2033	BR222-2034	BR222-2035
		With hook	BR222-2145	BR222-2144	BR222-2143	-	-	-	-	BR222-2133	BR222-2134	BR222-2135

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
18	BR221-23	BR221-25
22	BR222-23	BR222-25





Refined Series

Sapphire Bracket

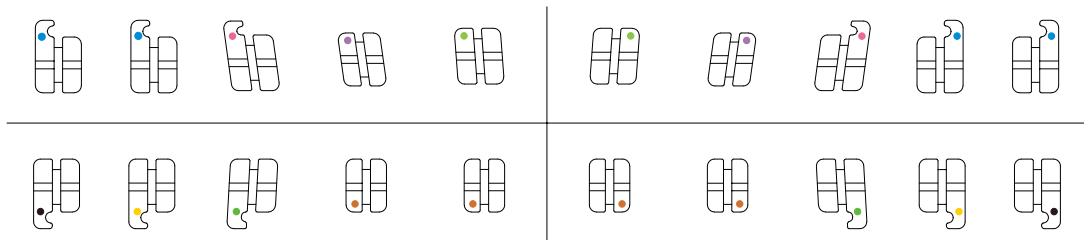
ROTH Prescription

Ceramic
Brackets

Mono-Crystalline

Maxillary

Torque		-7	-7	-3	+8	+12	+12	+8	-3	-7	-7	
Tip		0	0	+11	+9	+5	+5	+9	+11	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	3.0	3.3	3.3	3.0	3.4	3.3	3.3	
REF	18	Without hook	BR211-3014	BR211-3014	BR211-3013	BR211-3012	BR211-3011	BR211-3021	BR211-3022	BR211-3023	BR211-3024	BR211-3024
		With hook	BR211-3114	BR211-3114	BR211-3113	-	-	-	-	BR211-3123	BR211-3124	BR211-3124
	22	Without hook	BR212-3014	BR212-3014	BR212-3013	BR212-3012	BR212-3011	BR212-3021	BR212-3022	BR212-3023	BR212-3024	BR212-3024
		With hook	BR212-3114	BR212-3114	BR212-3113	-	-	-	-	BR212-3123	BR212-3124	BR212-3124



Mandibular

Torque		-22	-17	-11	-3	-3	-3	-3	-11	-17	-22	
Tip		0	0	+7	0	0	0	0	+7	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	2.9	2.9	2.9	2.9	3.4	3.3	3.3	
REF	18	Without hook	BR211-3045	BR211-3044	BR211-3043	BR211-3031	BR211-3031	BR211-3031	BR211-3031	BR211-3033	BR211-3034	BR211-3035
		With hook	BR211-3145	BR211-3144	BR211-3143	-	-	-	-	BR211-3133	BR211-3134	BR211-3135
	22	Without hook	BR212-3045	BR212-3044	BR212-3043	BR212-3031	BR212-3031	BR212-3031	BR212-3031	BR212-3033	BR212-3034	BR212-3035
		With hook	BR212-3145	BR212-3144	BR212-3143	-	-	-	-	BR212-3133	BR212-3134	BR212-3135

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
18	BR211-33	BR211-35
22	BR212-33	BR212-35





Refined Series

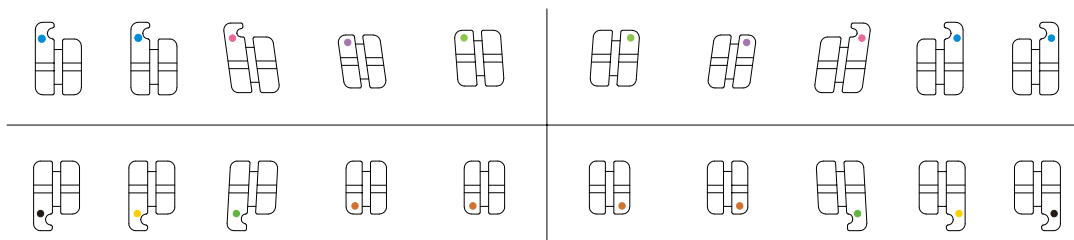
Sapphire Bracket

M-Sliding® Prescription

Mono-Crystalline

Maxillary

Torque		-7	-7	0	+10	+17	+17	+10	0	-7	-7	
Tip		0	0	+8	+8	+4	+4	+8	+8	0	0	
In/out mm		0.7	0.7	0.7	1.1	0.7	0.7	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	3.0	3.3	3.3	3.0	3.4	3.3	3.3	
REF	18	Without hook	BR221-3014	BR221-3014	BR221-3013	BR221-3012	BR221-3011	BR221-3021	BR221-3022	BR221-3023	BR221-3024	BR221-3024
		With hook	BR221-3114	BR221-3114	BR221-3113	-	-	-	-	BR221-3123	BR221-3124	BR221-3124
	22	Without hook	BR222-3014	BR222-3014	BR222-3013	BR222-3012	BR222-3011	BR222-3021	BR222-3022	BR222-3023	BR222-3024	BR222-3024
		With hook	BR222-3114	BR222-3114	BR222-3113	-	-	-	-	BR222-3123	BR222-3124	BR222-3124



Mandibular

Torque		-17	-12	0	-6	-6	-6	-6	0	-12	-17	
Tip		0	0	+3	0	0	0	0	+3	0	0	
In/out mm		0.7	0.7	0.7	1.1	1.1	1.1	1.1	0.7	0.7	0.7	
Width mm		3.3	3.3	3.4	2.9	2.9	2.9	2.9	3.4	3.3	3.3	
REF	18	Without hook	BR221-3045	BR221-3044	BR221-3043	BR221-3031	BR221-3031	BR221-3031	BR221-3031	BR221-3033	BR221-3034	BR221-3035
		With hook	BR221-3145	BR221-3144	BR221-3143	-	-	-	-	BR221-3133	BR221-3134	BR221-3135
	22	Without hook	BR222-3045	BR222-3044	BR222-3043	BR222-3031	BR222-3031	BR222-3031	BR222-3031	BR222-3033	BR222-3034	BR222-3035
		With hook	BR222-3145	BR222-3144	BR222-3143	-	-	-	-	BR222-3133	BR222-3134	BR222-3135

Item Code in 20pcs/set

Slot Size	Cuspid With hook	3,4,5 With hooks
18	BR221-33	BR221-35
22	BR222-33	BR222-35



BUCCAL TUBES



COSY Tubes

Bondable COSY Tubes(Mesh-base)

Bondable COSY Tubes(Monoblock)

Weldable COSY Tubes



Self-ligating Tubes
Bondable Tube With Long Hook



General Tubes

Bondable Tubes Convertible

Bondable Tubes Non-Convertible

Weldable Tubes



Cosy Series

Bondable Tubes With Mesh Base



COSY- I



COSY- II



COSY- III

- Teeth number marks is easy for identification
- Trumpet design at mesial entrance for easy wire engagement
- Comfort ball hook enhances patient comfort and avoid gingival irritation
- Low profile and Smooth surface round corners are enhanced for patient comfort
- Compound contour base anatomically conforms to the teeth and provides proper fit
- MIM Technique ensures compact shape

Identification System

7	6	6	7
7	6	6	7



Mesh-base Tubes COSY-I

Single Non-Convertible
Bondable



1st Molar

BUCCAL
TUBES

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-4211	BT611-4211
					UL	BT612-4212	BT611-4212
Roth	-25°	+4°	0.5	4.0	LL	BT612-4213	BT611-4213
					LR	BT612-4214	BT611-4214
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-4213	BT621-4213
					LR	BT622-4214	BT621-4214
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-4211	BT631-4211
					UL/LR	BT632-4212	BT631-4212

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-4210	BT612-4210	BT621-4210	BT622-4210	BT631-4210	BT632-4210

Single Non-Convertible
Bondable



2nd Molar

2 nd Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-6211	BT711-6211	BT712-5211	BT711-5211
					UL	BT712-6212	BT711-6212	BT712-5212	BT711-5212
Roth	-25°	+4°	0.5	3.2	LL	BT712-6213	BT711-6213	BT712-5213	BT711-5213
					LR	BT712-6214	BT711-6214	BT712-5214	BT711-5214
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-6213	BT721-6213	BT722-5213	BT721-5213
					LR	BT722-6214	BT721-6214	BT722-5214	BT721-5214
Edgewise	0°	0°	0.5	3.2	UR/LL	BT732-6211	BT731-6211	BT732-5211	BT731-5211
					UL/LR	BT732-6212	BT731-6212	BT732-5212	BT731-5212

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT711-6210	BT712-6210	BT721-6210	BT721-6210	BT731-6210	BT732-6210
	BT711-5210	BT712-5210	BT721-5210	BT722-5210	BT731-5210	BT732-5210

Mesh-base Tubes COSY-II

Single Non-Convertible
Bondable



1st Molar

BUCCAL
TUBES

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-4311	BT611-4311
					UL	BT612-4312	BT611-4312
Roth	-25°	+4°	0.5	4.0	LL	BT612-4313	BT611-4313
					LR	BT612-4314	BT611-4314
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-4313	BT621-4313
					LR	BT622-4314	BT621-4314
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-4311	BT631-4311
					UL/LR	BT632-4312	BT631-4312

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-4310	BT612-4310	BT621-4310	BT622-4310	BT631-4310	BT632-4310

Single Non-Convertible
Bondable



2nd Molar

2 nd Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-6311	BT711-6311	BT712-5311	BT711-5311
					UL	BT712-6312	BT711-6312	BT712-5312	BT711-5312
Roth	-25°	+4°	0.5	3.2	LL	BT712-6313	BT711-6313	BT712-5313	BT711-5313
					LR	BT712-6314	BT711-6314	BT712-5314	BT711-5314
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-6313	BT721-6313	BT722-5313	BT721-5313
					LR	BT722-6314	BT721-6314	BT722-5314	BT721-5314
Edgewise	0°	0°	0.5	3.2	UR/LL	BT732-6311	BT731-6311	BT732-5311	BT731-5311
					UL/LR	BT732-6312	BT731-6312	BT732-5312	BT731-5312

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT711-6310	BT712-6310	BT721-6310	BT722-6310	BT731-6310	BT732-6310
	BT711-5310	BT712-5310	BT721-5310	BT722-5310	BT731-5310	BT732-5310

Mesh-base Tubes COSY-III

Single Non-Convertible
Bondable



1st Molar

BUCCAL
TUBES

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-4411	BT611-4411
					UL	BT612-4412	BT611-4412
Roth	-25°	+4°	0.5	4.0	LL	BT612-4413	BT611-4413
					LR	BT612-4414	BT611-4414
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-4413	BT621-4413
					LR	BT622-4414	BT621-4414
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-4411	BT631-4411
					UL/LR	BT632-4412	BT631-4412

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-4410	BT612-4410	BT621-4410	BT622-4410	BT631-4410	BT632-4410

Single Non-Convertible
Bondable



2nd Molar

2 nd Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-6411	BT711-6411	BT712-5411	BT711-5411
					UL	BT712-6412	BT711-6412	BT712-5412	BT711-5412
Roth	-25°	+4°	0.5	3.2	LL	BT712-6413	BT711-6413	BT712-5413	BT711-5413
					LR	BT712-6414	BT711-6414	BT712-5414	BT711-5414
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-6413	BT721-6413	BT722-5413	BT721-5413
					LR	BT722-6414	BT721-6414	BT722-5414	BT721-5414
Edgewise	0°	0°	0.5	3.2	UR/LL	BT732-6411	BT731-6411	BT732-5411	BT731-5411
					UL/LR	BT732-6412	BT731-6412	BT732-5412	BT731-5412

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT711-6410	BT712-6410	BT721-6410	BT722-6410	BT731-6410	BT732-6410
	BT711-5410	BT712-5410	BT721-5410	BT722-5410	BT731-5410	BT732-5410

Cosy Series

COSY Tubes with Monoblock Base



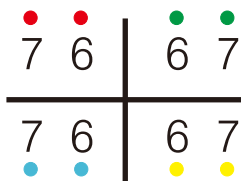
COSY- II



COSY- III

- MIM Techniques, High strength stainless steel
- Teeth number marks is easy for identification
- Trumpet design at mesial entrance for easy wire engagement
- Comfort ball hook enhances patient comfort and avoid gingival impingement
- Smooth surface for patient comfort
- Low profile and round corners are enhanced patient comfort
- Compound contour base anatomically conforms to the teeth and provides proper fit

Identification System



Monoblock COSY Tubes

Cosy Series

COSY-II

Single Non-Convertible
Bondable



1st Molar

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-3311M	BT611-3311M	BT612-4311M	BT611-4311M
					UL	BT612-3312M	BT611-3312M	BT612-4312M	BT611-4312M
Roth	-25°	+4°	0.5	4.0	LL	BT612-3313M	BT611-3313M	BT612-4313M	BT611-4313M
					LR	BT612-3314M	BT611-3314M	BT612-4314M	BT611-4314M
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-3313M	BT621-3313M	BT622-4313M	BT621-4313M
					LR	BT622-3314M	BT621-3314M	BT622-4314M	BT621-4314M
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-3311M	BT631-3311M	-	-
					UL/LR	BT632-3312M	BT631-3312M	-	-

BUCCAL TUBES

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-3310M	BT612-3310M	BT621-3310M	BT622-3310M	BT631-3310M	BT632-3310M
	BT611-4310M	BT612-4310M	BT621-4310M	BT622-4310M	-	-

COSY-II

Single Non-Convertible
Bondable



2nd Molar

2 nd Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-6311M	BT711-6311M
					UL	BT712-6312M	BT711-6312M
Roth	-25°	+4°	0.5	3.2	LL	BT712-6313M	BT711-6313M
					LR	BT712-6314M	BT711-6314M
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-6313M	BT721-6313M
					LR	BT722-6314M	BT721-6314M

Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding	
	18	22	18	22
	BT711-6310M	BT712-6310M	BT721-6310M	BT722-6310M

Monoblock COSY Tubes

COSY-III

Single Non-Convertible
Bondable




1st Molar

BUCCAL
TUBES

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-3411M	BT611-3411M
					UL	BT612-3412M	BT611-3412M
Roth	-25°	+4°	0.5	4.0	LL	BT612-3413M	BT611-3413M
					LR	BT612-3414M	BT611-3414M
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-3413M	BT621-3413M
					LR	BT622-3414M	BT621-3414M
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-3411M	BT631-3411M
					UL/LR	BT632-3412M	BT631-3412M

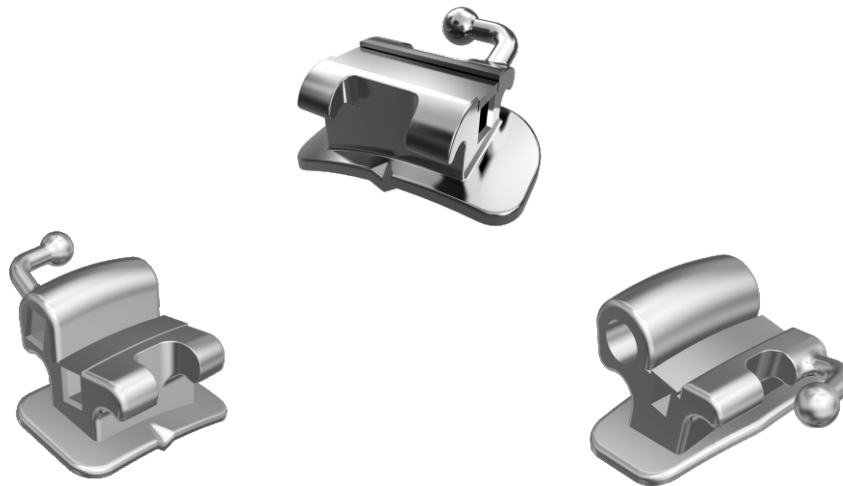
Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-3410M	BT612-3410M	BT621-3410M	BT622-3410M	BT631-3410M	BT632-3410M



General Series

Bondable Tubes Convertible



BUCCAL
TUBES

- 80# Mesh Base, Convertible Cap
- Comfort ball hook enhances patient comfort and avoid gingival irritation
- Round corners and smooth surface for patient comfort
- Compound contour base anatomically conforms to the tooth and provides proper fit



Identification System

●	●		●	●
7	6		6	7
<hr/>				
7	6		6	7
●	●		●	●

General Series


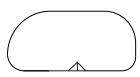
Bondable Tubes Convertible

Single Convertible Bondable





1st Molar

BUCCAL TUBES

1 st Molar										
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18	
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1111	BT611-1111	BT612-4111	BT611-4111	
					UL	BT612-1112	BT611-1112	BT612-4112	BT611-4112	
Roth	-25°	+4°	0.5	4.0	LL	BT612-1113	BT611-1113	BT612-4113	BT611-4113	
					LR	BT612-1114	BT611-1114	BT612-4114	BT611-4114	
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-1113	BT621-1113	BT622-4113	BT621-4113	
					LR	BT622-1114	BT621-1114	BT622-4114	BT621-4114	
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-1111	BT631-1111	BT632-4111	BT631-4111	
					UL/LR	BT632-1112	BT631-1112	BT632-4112	BT631-4112	

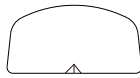
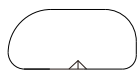
Item Code in Set 4pcs/set Upper single/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1110	BT612-1110	BT621-1110	BT622-1110	BT631-1110	BT632-1110
	BT611-4110	BT612-4110	BT621-4110	BT622-4110	BT631-4110	BT632-4110





Double Rectangular Convertible Bondable



1st Molar

1 st Molar										
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18	
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1141	BT611-1141	BT612-4141	BT611-4141	
					UL	BT612-1142	BT611-1142	BT612-4142	BT611-4142	
Roth	-25°	+4°	0.5	4.0	LL	BT612-1143	BT611-1143	BT612-4143	BT611-4143	
					LR	BT612-1144	BT611-1144	BT612-4144	BT611-4144	
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-1143	BT621-1143	BT622-4143	BT621-4143	
					LR	BT622-1144	BT621-1144	BT622-4144	BT621-4144	
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-1141	BT631-1141	BT632-4141	BT631-4141	
					UL/LR	BT632-1142	BT631-1142	BT632-4142	BT631-4142	

Item Code in Set 4pcs/set Upper Dbl. Rect/Lower Dbl. Rect

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1140	BT612-1140	BT621-1140	BT622-1140	BT631-1140	BT632-1140
	BT611-4140	BT612-4140	BT621-4140	BT622-4140	BT631-4140	BT632-4140

Upper Dbl. Rect/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1180	BT612-1180	BT621-1180	BT622-1180	BT631-1180	BT632-1180
	BT611-4180	BT612-4180	BT621-4180	BT622-4180	BT631-4180	BT632-4180


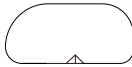
Bondable Tubes Convertible

Double Combination Convertible Bondable





1st Molar

BUCCAL
TUBES

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1121	BT611-1121	BT612-4121	BT611-4121
					UL	BT612-1122	BT611-1122	BT612-4122	BT611-4122
Roth	-25°	+4°	0.5	4.0	LL	BT612-1123	BT611-1123	BT612-4123	BT611-4123
					LR	BT612-1124	BT611-1124	BT612-4124	BT611-4124
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-1123	BT621-1123	BT622-4123	BT621-4123
					LR	BT622-1124	BT621-1124	BT622-4124	BT621-4124
Edgewise	0°	6°	0.5	4.0	UR	BT632-1121	BT631-1121	BT632-4121	BT631-4121
					UL	BT632-1122	BT631-1122	BT632-4122	BT631-4122



Item Code in Set 4pcs/set Upper Dbl. combination/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1120	BT612-1120	BT621-1120	BT622-1120	BT631-1120	BT632-1120
	BT611-4120	BT612-4120	BT621-4120	BT622-4120	BT631-4120	BT632-4120



Triple Convertible Bondable





1st Molar

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1131	BT611-1131	BT612-4131	BT611-4131
					UL	BT612-1132	BT611-1132	BT612-4132	BT611-4132
Edgewise	0°	6°	0.5	4.0	UR	BT632-1131	BT631-1131	BT632-4131	BT631-4131
					UL	BT632-1132	BT631-1132	BT632-4132	BT631-4132

Item Code in Set 4pcs/set Upper triple/Lower Dbl. Rect

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1130	BT612-1130	BT621-1130	BT622-1130	BT631-1130	BT632-1130
	BT611-4130	BT612-4130	BT621-4130	BT622-4130	BT631-4130	BT632-4130

Upper triple/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1160	BT612-1160	BT621-1160	BT622-1160	BT631-1160	BT632-1160
	BT611-4160	BT611-4160	BT621-4160	BT622-4160	BT631-4160	BT632-4160

General Series

Bondable Tubes Non-Convertible

BUCCAL
TUBES



- Comfort ball hook enhances patient comfort and avoid gingival impingement
- Round corners and smooth surface for patient comfort
- Compound contour base anatomically conforms to the teeth and provides proper fit
- 80# Mesh Base



Identification System

●	●	●	●
7	6	6	7
●	●	●	●
7	6	6	7



Bondable Tubes Non-Convertible

Single Non-Convertible Bondable





1st Molar

BUCCAL
TUBES

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-2011	BT611-2011	BT612-4011	BT611-4011
					UL	BT612-2012	BT611-2012	BT612-4012	BT611-4012
Roth	-25°	+4°	0.5	4.0	LL	BT612-2013	BT611-2013	BT612-4013	BT611-4013
					LR	BT612-2014	BT611-2014	BT612-4014	BT611-4014
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-2013	BT621-2013	BT622-4013	BT621-4013
					LR	BT622-2014	BT621-2014	BT622-4014	BT621-4014
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-2011	BT631-2011	BT632-4011	BT631-4011
					UL/LR	BT632-2012	BT631-2012	BT632-4012	BT631-4012

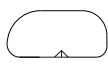

Item Code in Set 4pcs/set Upper single/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-2010	BT612-2010	BT621-2010	BT622-2010	BT631-2010	BT632-2010
	BT611-4010	BT612-4010	BT621-4010	BT622-4010	BT631-4010	BT632-4010



Single Non-Convertible Bondable



2nd Molar

2 nd Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT712-6011	BT711-6011	BT712-5011	BT711-5011
					UL	BT712-6012	BT711-6012	BT712-5012	BT711-5012
Roth	-25°	+4°	0.5	4.0	LL	BT712-6013	BT711-6013	BT712-5013	BT711-5013
					LR	BT712-6014	BT711-6014	BT712-5014	BT711-5014
M-Sliding	-10°	0°	0.5	4.0	LL	BT722-6013	BT721-6013	BT722-5013	BT721-5013
					LR	BT722-6014	BT721-6014	BT722-5014	BT721-5014
Edgewise	0°	0°	0.5	4.0	UR/LL	BT732-6011	BT731-6011	BT732-5011	BT731-5011
					UL/LR	BT732-6012	BT731-6012	BT732-5012	BT731-5012

Item Code in Set 4pcs/set Upper single/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT711-6010	BT712-6010	BT721-6010	BT722-6010	BT731-6010	BT732-6010
	BT711-5010	BT712-5010	BT721-5010	BT722-5010	BT731-5010	BT732-5010

Bondable Tubes Non-Convertible

Double Rectangular
Non-Convertible Bondable



1st Molar

BUCCAL
TUBES

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1041	BT611-1041	BT612-4041	BT611-4041
					UL	BT612-1042	BT611-1042	BT612-4042	BT611-4042
Roth	-25°	+4°	0.5	4.0	LL	BT612-1043	BT611-1043	BT612-4043	BT611-4043
					LR	BT612-1044	BT611-1044	BT612-4044	BT611-4044
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-1043	BT621-1043	BT622-4043	BT621-4043
					LR	BT622-1044	BT621-1044	BT622-4044	BT621-4044
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-1041	BT631-1041	BT632-4041	BT631-4041
					UL/LR	BT632-1042	BT631-1042	BT632-4042	BT631-4042

Item Code in Set 4pcs/set

Upper Dbl. Rect/Lower Dbl. Rect

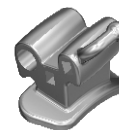
Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1040	BT612-1040	BT621-1040	BT622-1040	BT631-1040	BT632-1040
	BT611-4040	BT612-4040	BT621-4040	BT622-4040	BT631-4040	BT632-4040

Item Code in Set 4pcs/set

Upper Dbl. Rect/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1080	BT612-1080	BT621-1080	BT622-1080	BT631-1080	BT632-1080
	BT611-4080	BT612-4080	BT621-4080	BT622-4080	BT631-4080	BT632-4080

Triple Non-Convertible
Bondable



1st Molar

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1031	BT611-1031	BT612-4031	BT611-4031
					UL	BT612-1032	BT611-1032	BT612-4032	BT611-4032

Item Code in Set 4pcs/set

Upper triple/Lower Dbl. Rect

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1030	BT612-1030	BT621-1030	BT622-1030	BT631-1030	BT632-1030
	BT611-4030	BT612-4030	BT621-4030	BT622-4030	BT631-4030	BT632-4030

Bondable Tubes Non-Convertible

Double Rectangular(Twin)
Non-Convertible Bondable



1st Molar

BUCCAL
TUBES

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-4051	BT611-4051
					UL	BT612-4052	BT611-4052
Roth	-25°	+4°	0.5	4.0	LL	BT612-4053	BT611-4053
					LR	BT612-4054	BT611-4054
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-4053	BT621-4053
					LR	BT622-4054	BT621-4054
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-4051	BT631-4051
					UL/LR	BT632-4052	BT631-4052

Item Code in Set 4pcs/set

Upper Dbl. Rect(Twin)/Lower Dbl. Rect(Twin)

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-4050	BT612-4050	BT621-4050	BT622-4050	BT631-4050	BT632-4050

Double Combination
Non-Convertible Bondable



1st Molar

1 st Molar									
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-1021	BT611-1021	BT612-4021	BT611-4021
					UL	BT612-1022	BT611-1022	BT612-4022	BT611-4022
Roth	-25°	+4°	0.5	4.0	LL	BT612-1023	BT611-1023	BT612-4023	BT611-4023
					LR	BT612-1024	BT611-1024	BT612-4024	BT611-4024
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-1023	BT621-1023	BT622-4023	BT621-4023
					LR	BT622-1024	BT621-1024	BT622-4024	BT621-4024
Edgewise	0°	6°	0.5	4.0	UR	BT632-1021	BT631-1021	BT632-4021	BT631-4021
					UL	BT632-1022	BT631-1022	BT632-4022	BT631-4022


Item Code in Set 4pcs/set

Upper Dbl. Combination/Lower single

Mesh Base	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
	BT611-1020	BT612-1020	BT621-1020	BT622-1020	BT631-1020	BT632-1020
	BT611-4020	BT612-4020	BT621-4020	BT622-4020	BT631-4020	BT632-4020

Bondable Self Ligating Tubes



1 st Molar						
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22
M-Sliding	-14°	+10°	0.5	4.0	UR	BT622-4811
					UL	BT622-4812
	-20°	0°	0.5	4.0	LL	BT622-4813
					LR	BT622-4814




Slot Size	4pcs/set
22	BT622-4810


Single Non-Convertible Bondable With Long Hook



1st Molar

1 st Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-4311DLG	BT611-4311DLG
					UL	BT612-4312DLG	BT611-4312DLG
Roth	-25°	+4°	0.5	4.0	LL	BT612-4313DLG	BT611-4313DLG
					LR	BT612-4314DLG	BT611-4314DLG
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-4313DLG	BT621-4313DLG
					LR	BT622-4314DLG	BT621-4314DLG

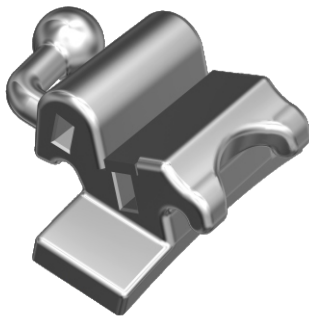
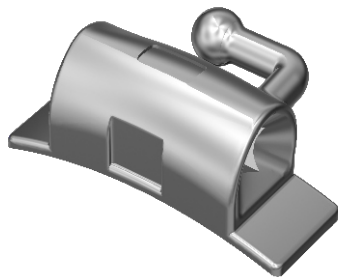
Item Code in Set 4pcs/set

Mesh Base	Roth		M-Sliding	
	18	22	18	22
	BT611-4310DLG	BT612-4310DLG	BT621-4310DLG	BT622-4310DLG

General Series

Weldable Tubes

BUCCAL
TUBES



- Comfort ball hook enhances patient comfort and avoid gingival irritation
- Round corners and smooth surface for patient comfort
- Torque-in-base design techniques to provide level slot line-up
- Compound contour base anatomically conforms to the teeth and provides proper fit



Weldable Tubes

Single Weldable



1st Molar

BUCCAL
TUBES

1 st Molar						Non-Convertible		Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0011	BT611-0011	BT612-0111	BT611-0111
					UL	BT612-0012	BT611-0012	BT612-0112	BT611-0112
Roth	-25°	+4°	0.5	4.0	LL	BT612-0013	BT611-0013	BT612-0113	BT611-0113
					LR	BT612-0014	BT611-0014	BT612-0114	BT611-0114
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-0013	BT621-0013	BT622-0113	BT621-0113
					LR	BT622-0014	BT621-0014	BT622-0114	BT621-0114
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-0011	BT631-0011	BT632-0111	BT631-0111
					UL/LR	BT632-0012	BT631-0012	BT632-0112	BT631-0112

Item Code in Set 4pcs/set

Upper single/Lower single

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0010	BT612-0010	BT621-0010	BT622-0010	BT631-0010	BT632-0010
Convertible	BT611-0110	BT612-0110	BT621-0110	BT622-0110	BT631-0110	BT632-0110

Single Weldable



2nd Molar

2 nd Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-0011	BT711-0011
					UL	BT712-0012	BT711-0012
Roth	-25°	+4°	0.5	3.2	LL	BT712-0013	BT711-0013
					LR	BT712-0014	BT711-0014
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-0013	BT721-0013
					LR	BT722-0014	BT721-0014
Edgewise	0°	0°	0.5	3.2	UR/LL	BT732-0011	BT731-0011
					UL/LR	BT732-0012	BT731-0012

Item Code in Set 4pcs/set

Upper single/Lower single

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT711-0010	BT712-0010	BT721-0010	BT722-0010	BT731-0010	BT732-0010

Weldable Tubes

Weldable Double Rectangular



1st Molar

BUCCAL
TUBES

1 st Molar						Non-Convertible		Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0041	BT611-0041	BT612-0141	BT611-0141
					UL	BT612-0042	BT611-0042	BT612-0142	BT611-0142
Roth	-25°	+4°	0.5	4.0	LL	BT612-0043	BT611-0043	BT612-0143	BT611-0143
					LR	BT612-0044	BT611-0044	BT612-0144	BT611-0144
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-0043	BT621-0043	BT622-0143	BT621-0143
					LR	BT622-0044	BT621-0044	BT622-0144	BT621-0144
Edgewise	0°	0°	0.5	4.0	UR/LL	-	-	BT632-0141	BT631-0141
					UL/LR	-	-	BT632-0142	BT631-0142

Item Code in Set **4pcs/set** Upper Dbl. Rect/Lower Dbl. Rect

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0040	BT612-0040	BT621-0040	BT622-0040	BT631-0040	BT632-0040
Convertible	BT611-0140	BT611-0140	BT621-0140	BT622-0140	BT631-0140	BT632-0140

Item Code in Set **4pcs/set** Upper Dbl. Rect/Lower single

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0080	BT612-0080	BT621-0080	BT622-0080	BT631-0080	BT632-0080
Convertible	BT611-0180	BT611-0180	BT621-0180	BT622-0180	BT631-0180	BT632-0180

Weldable Double Rectangular(Twin)



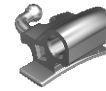
1 st Molar						Non-Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0051	BT611-0051
					UL	BT612-0052	BT611-0052
Roth	-25°	+4°	0.5	4.0	LL	BT612-0053	BT611-0053
					LR	BT612-0054	BT611-0054
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-0053	BT621-0053
					LR	BT622-0054	BT621-0054
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-0051	BT631-0051
					UL/LR	BT632-0052	BT631-0052

Item Code in Set **4pcs/set** Upper Dbl. Rect/Lower Dbl. Rect(Twin)

Mesh Base	Roth				Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0050	BT612-0050	BT621-0050	BT622-0050	BT631-0050	BT632-0050

Weldable Tubes

Weldable Double Combination



1st Molar

BUCCAL
TUBES

1 st Molar						Non-Convertible		Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0021	BT611-0021	BT612-0121	BT611-0121
					UL	BT612-0022	BT611-0022	BT612-0122	BT611-0122
Roth	-25°	+4°	0.5	4.0	LL	BT612-0023	BT611-0023	BT612-0123	BT611-0123
					LR	BT612-0024	BT611-0024	BT612-0124	BT611-0124
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-0023	BT621-0023	BT622-0123	BT621-0123
					LR	BT622-0024	BT621-0024	BT622-0124	BT621-0124
Edgewise	0°	6°	0.5	4.0	UR	BT632-0021	BT631-0021	BT632-0121	BT631-0121
					UL	BT632-0022	BT631-0022	BT632-0122	BT631-0122

Item Code in Set 4pcs/set

Upper Dbl. Rect/Lower single

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0020	BT612-0020	BT621-0020	BT622-0020	BT631-0020	BT632-0020
Convertible	BT611-0120	BT612-0120	BT621-0120	BT622-0120	BT631-0120	BT632-0120

Weldable Triple Tubes



1st Molar

1 st Molar						Non-Convertible		Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0031	BT611-0031	BT612-0131	BT611-0131
					UL	BT612-0032	BT611-0032	BT612-0132	BT611-0132
Edgewise	0°	0°	0.5	4.0	UR	-	-	BT632-0131	BT631-0131
					UL	-	-	BT632-0132	BT631-0132

Item Code in Set 4pcs/set

Upper triple/Lower Dbl. Rect

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0030	BT612-0030	BT621-0030	BT622-0030	-	-
Convertible	BT611-0130	BT612-0130	BT621-0130	BT622-0130	BT631-0130	BT632-0130

Item Code in Set 4pcs/set

Upper triple/Lower single

	Roth		M-Sliding		Edgewise	
	18	22	18	22	18	22
Non-Convertible	BT611-0060	BT612-0060	BT621-0060	BT622-0060	BT631-0060	BT632-0060
Convertible	BT611-0160	BT611-0160	BT621-0160	BT622-0160	BT631-0160	BT632-0160

Weldable Tubes with chamfered entrance

Single Non-Convertible
Weldable



1st Molar

BUCCAL
TUBES

1 st Molar						Non-Convertible	
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	4.0	UR	BT612-0211	BT611-0211
					UL	BT612-0212	BT611-0212
Roth	-25°	+4°	0.5	4.0	LL	BT612-0213	BT611-0213
					LR	BT612-0214	BT611-0214
M-Sliding	-20°	0°	0.5	4.0	LL	BT622-0213	BT621-0213
					LR	BT622-0214	BT621-0214
Edgewise	0°	0°	0.5	4.0	UR/LL	BT632-0211	BT631-0211
					UL/LR	BT632-0212	BT631-0212

Item Code in Set 4pcs/set

Roth		M-Sliding		Edgewise	
18	22	18	22	18	22
BT611-0210	BT612-0210	BT621-0210	BT622-0210	BT631-0210	BT632-0210

Single Non-Convertible
Weldable



2nd Molar

2 nd Molar							
Rx	Torque	Offset	In/Out (mm)	M/D (mm)	R/L	22	18
Roth/M-Sliding	-14°	+10°	0.5	3.2	UR	BT712-0211	BT711-0211
					UL	BT712-0212	BT711-0212
Roth	-25°	+4°	0.5	3.2	LL	BT712-0213	BT711-0213
					LR	BT712-0214	BT711-0214
M-Sliding	-10°	0°	0.5	3.2	LL	BT722-0213	BT721-0213
					LR	BT722-0214	BT721-0214
Edgewise	0°	0°	0.5	3.2	UR/LL	BT732-0211	BT731-0211
					UL/LR	BT732-0212	BT731-0212

Item Code in Set 4pcs/set

Roth		M-Sliding		Edgewise	
18	22	18	22	18	22
BT711-0210	BT712-0210	BT721-0210	BT722-0210	BT731-0210	BT732-0210

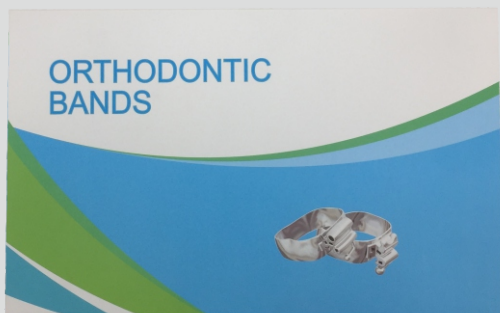
Molar Bands



Pre-welded Bands in set 4×1

Pre-welded Bands in Each

Pre-welded Bands in Kit Tray



Molar Bands

- Rough interior surface ensures maximum bonding strength
- Ideally hardness for convenient clinical operation
- Anatomically contoured for easy placement and accurate fit
- Permanent laser mark is easy for identification
- Smooth surface and rolled edges for maximum patient comfort



Lingual Attachment

Lingual Sheath

with window, indent
and central Rugby shape hook
IA09-301M



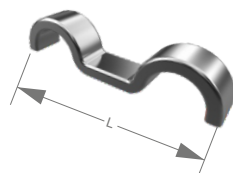
Lingual Sheath with hook

Monoblock
IA09-101M UL
IA09-102M UR



Lingual Cleats

Weldable
5.0 mm IA10-001S
6.5 mm IA10-001
9.0 mm IA10-001L



Lingual Sheath

Monoblock
IA09-001M



Molar Bands

1st Molar Bands Pre-welded with Buccal Tubes in set 4 × 1

Molar Bands



Upper-Single Rectangular/Lower -Single Rectangular

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1100	BD611-1100	BD612-2100	BD611-2100
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1100	BD621-1100	BD622-2100	BD621-2100
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1100	BD631-1100	BD632-2100	BD631-2100
	36/46	0	0	4				

Upper-Double Combination/Lower-Single Rectangular



Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1200	BD611-1200	BD612-2200	BD611-2200
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1200	BD621-1200	BD622-2200	BD621-2200
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1200	BD631-1200	BD632-2200	BD631-2200
	36/46	0	0	4				

Upper-Triple Combination/Lower -Double Rectangular



Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1300	BD611-1300	BD612-2300	BD611-2300
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1300	BD621-1300	BD622-2300	BD621-2300
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1300	BD631-1300	BD632-2300	BD631-2300
	36/46	0	0	4				

Molar Bands

1st Molar Bands Pre-welded with Buccal Tubes in set 4 × 1

Upper-Double Rectangular/Lower- Double Rectangular

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1400	BD611-1400	BD612-2400	BD611-2400
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1400	BD621-1400	BD622-2400	BD621-2400
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1400	BD631-1400	BD632-2400	BD631-2400
	36/46	0	0	4				



Molar Bands

Upper-Triple Combination/Lower-Single Rectangular

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1600	BD611-1600	BD612-2600	BD611-2600
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1600	BD621-1600	BD622-2600	BD621-2600
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1600	BD631-1600	BD632-2600	BD631-2600
	36/46	0	0	4				



Upper-Triple Combination/Lower- Double Combination

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4	BD612-1700	BD611-1700	BD612-2700	BD611-2700
	36/46	-25°	0	4				
M-Sliding	16/26	-14°	+10°	4	BD622-1700	BD621-1700	BD622-2700	BD621-2700
	36/46	-20°	0	4				
Edgewise	16/26	0	0	4	BD632-1700	BD631-1700	BD632-2700	BD631-2700
	36/46	0	0	4				



Molar Bands

1st Molar Bands Pre-welded with Buccal Tubes in set 4 × 1

Upper-Double Rectangular
Lower-Single Rectangular



Molar Bands

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16/26	-14°	+10°	4				
	36/46	-25°	0	4	BD612-1800	BD611-1800	BD612-2800	BD611-2800
M-Sliding	16/26	-14°	+10°	4				
	36/46	-20°	0	4	BD622-1800	BD621-1800	BD622-2800	BD621-2800
Edgewise	16/26	0	0	4				
	36/46	0	0	4	BD632-1800	BD631-1800	BD632-2800	BD631-2800

2nd Molar Bands Pre-welded with Buccal Tubes in set 4 × 1

Upper-Single Rectangular/Lower- Single Rectangular



Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible	
					0.022	0.018
Roth	17/27	-14°	+10°	4		
	37/47	-25°	0	4	BD712-1100	BD711-1100
M-Sliding	17/27	-14°	+10°	4		
	37/47	-20°	0	4	BD722-1100	BD721-1100
Edgewise	17/27	0	0	4		
	37/47	0	0	4	BD732-1100	BD731-1100

Molar Bands

1st Molar Bands Prewelded with Buccal Tubes in Each in Each

Single Rectangular

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16	-14°	+10°	4	BD612-1110	BD611-1110	BD612-2110	BD611-2110
	26	-14°	+10°	4	BD612-1120	BD611-1120	BD612-2120	BD611-2120
	36	-25°	0	4	BD612-1130	BD611-1130	BD612-2130	BD611-2130
	46	-25°	0	4	BD612-1140	BD611-1140	BD612-2140	BD611-2140
M-Sliding	16	-14°	+10°	4	BD622-1110	BD621-1110	BD622-2110	BD621-2110
	26	-14°	+10°	4	BD622-1120	BD621-1120	BD622-2120	BD621-2120
	36	-20°	0	4	BD622-1130	BD621-1130	BD622-2130	BD621-2130
	46	-20°	0	4	BD622-1140	BD621-1140	BD622-2140	BD621-2140
Edgewise	16	0	0	4	BD632-1110	BD631-1110	BD632-2110	BD631-2110
	26	0	0	4	BD632-1120	BD631-1120	BD632-2120	BD631-2120
	36	0	0	4	BD632-1130	BD631-1130	BD632-2130	BD631-2130
	46	0	0	4	BD632-1140	BD631-1140	BD632-2140	BD631-2140



Molar Bands

Double Combination(one Round,one Rectangular)

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16	-14°	+10°	4	BD612-1210	BD611-1210	BD612-2210	BD611-2210
	26	-14°	+10°	4	BD612-1220	BD611-1220	BD612-2220	BD611-2220
	36	-25°	0	4	BD612-1230	BD611-1230	BD612-2230	BD611-2230
	46	-25°	0	4	BD612-1240	BD611-1240	BD612-2240	BD611-2240
M-Sliding	16	-14°	+10°	4	BD622-1210	BD621-1210	BD622-2210	BD621-2210
	26	-14°	+10°	4	BD622-1220	BD621-1220	BD622-2220	BD621-2220
	36	-20°	0	4	BD622-1230	BD621-1230	BD622-2230	BD621-2230
	46	-20°	0	4	BD622-1240	BD621-1240	BD622-2240	BD621-2240
Edgewise	16	0	0	4	BD632-1210	BD631-1210	BD632-2210	BD631-2210
	26	0	0	4	BD632-1220	BD631-1220	BD632-2220	BD631-2220
	36	0	0	4	BD632-1230	BD631-1230	BD632-2230	BD631-2230
	46	0	0	4	BD632-1240	BD631-1240	BD632-2240	BD631-2240



Molar Bands

1st Molar Bands Prewelded with Buccal Tubes in Each

Triple Combination (one Round, two Rectangular)



Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16	-14°	+10°	4	BD612-1310	BD611-1310	BD612-2310	BD611-2310
	26	-25°	0	4	BD612-1320	BD611-1320	BD612-2320	BD611-2320
M-Sliding	16	-14°	+10°	4	BD622-1310	BD621-1310	BD622-2310	BD621-2310
	26	-20°	0	4	BD622-1320	BD621-1320	BD622-2320	BD621-2320
Edgewise	16	0	0	4	BD632-1310	BD631-1310	BD632-2310	BD631-2310
	26	0	0	4	BD632-1320	BD631-1320	BD632-2320	BD631-2320

Double Rectangular



Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible		Convertible	
					0.022	0.018	0.022	0.018
Roth	16	-14°	+10°	4	BD612-1410	BD611-1410	BD612-2410	BD611-2410
	26	-14°	+10°	4	BD612-1420	BD611-1420	BD612-2420	BD611-2420
	36	-25°	0	4	BD612-1430	BD611-1430	BD612-2430	BD611-2430
	46	-25°	0	4	BD612-1440	BD611-1440	BD612-2440	BD611-2440
M-Sliding	16	-14°	+10°	4	BD622-1410	BD621-1410	BD622-2410	BD621-2410
	26	-14°	+10°	4	BD622-1420	BD621-1420	BD622-2420	BD621-2420
	36	-20°	0	4	BD622-1430	BD621-1430	BD622-2430	BD621-2430
	46	-20°	0	4	BD622-1440	BD621-1440	BD622-2440	BD621-2440
Edgewise	16	0	0	4	BD632-1410	BD631-1410	BD632-2410	BD631-2410
	26	0	0	4	BD632-1420	BD631-1420	BD632-2420	BD631-2420
	36	0	0	4	BD632-1430	BD631-1430	BD632-2430	BD631-2430
	46	0	0	4	BD632-1440	BD631-1440	BD632-2440	BD631-2440

2nd Molar Bands

2nd Molar Bands With Prewelded Buccal Tubes in Each

Single Rectangular

Rx	Teeth	Torque	Offset	M/D (mm)	Non-convertible	
					0.022	0.018
Roth	16	-14°	+10°	4	BD712-1110	BD711-1110
	26	-14°	+10°	4	BD712-1120	BD711-1120
	36	-25°	0	4	BD712-1130	BD711-1130
	46	-25°	0	4	BD712-1140	BD711-1140
M-Sliding	16	-14°	+10°	4	BD722-1110	BD721-1110
	26	-14°	+10°	4	BD722-1120	BD721-1120
	36	-20°	0	4	BD722-1130	BD721-1130
	46	-20°	0	4	BD722-1140	BD721-1140
Edgewise	16	0	0	4	BD732-1110	BD731-1110
	26	0	0	4	BD732-1120	BD731-1120
	36	0	0	4	BD732-1130	BD731-1130
	46	0	0	4	BD732-1140	BD731-1140



Molar Bands

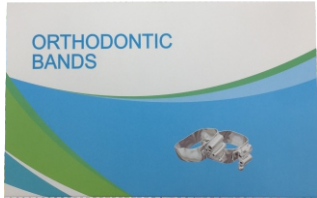


Molar Bands in Kit Tray

1st Molar Bands Maxillary&Mandibular

Kit/Size	31	31+	32	32+	33	33+	34	34+	35	35+	36	36+	37	37+	38	38+	39	39+	40	40+	41	41+	42	42+	43	43+	44
TRIAL (40)	-	-	-	-	2	2	2	3	3	4	4	4	4	3	3	2	2	1	1	-	-	-	-	-	-	-	-
INTRO (75)	2	2	2	2	3	3	4	4	5	5	5	5	5	5	4	4	3	2	2	1	1	1	1	1	1	1	1
PRO (150)	3	3	4	5	6	7	8	9	10	11	11	11	10	10	9	7	6	5	3	3	3	1	1	1	1	1	1

Kit Type	Sandblasted			
	UR	UL	LL	LR
TRIAL(40)	BD02-16-040	BD02-26-040	BD02-36-040	BD02-46-040
INTRO(75)	BD02-16-075	BD02-26-075	BD02-36-075	BD02-46-075
PRO(150)	BD02-16-150	BD02-26-150	BD02-36-150	BD02-46-150



2nd Molar Bands Maxillary&Mandibular

Kit/Size	28	28+	29	29+	30	30+	31	31+	32	32+	33	33+	34	34+	35	35+	36	36+	37	37+	38	38+	39	39+	40	40+	41
TRIAL(40)	-	-	-	-	-	-	-	2	2	2	2	3	3	4	4	4	3	3	2	2	2	1	1	-	-	-	-
INTRO(75)	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2
PRO(150)	4	4	4	4	4	4	5	5	6	6	7	8	8	9	9	8	8	7	7	6	5	5	4	4	3	3	3

Kit Type	Sandblasted			
	UR	UL	LL	LR
TRIAL(40)	BD02-17-040	BD02-27-040	BD02-37-040	BD02-47-040
INTRO(75)	BD02-17-075	BD02-27-075	BD02-37-075	BD02-47-075
PRO(150)	BD02-17-150	BD02-27-150	BD02-37-150	BD02-47-150



1st Molar Band Conversion Table

3B Size	Perimeter Size(Unitek)	GAC
7	28	1
8	28.5	2
9	29	3
10	29.5	4
11	30	5
12	30.5	6
13	31	7
14	31.5	8
15	32	9
16	32.5	10
17	33	11
18	33.5	12
19	34	13
20	34.5	14
21	35	15
22	35.5	16
23	36	17
24	36.5	18
25	37	19
26	37.5	20
27	38	21
28	38.5	22
29	39	23
30	39.5	24
31	40	25
32	40.5	26
33	41	27
34	41.5	28
35	42	29
36	42.5	30
37	43	31
38	43.5	32
39	44	33
40	44.5	34

2nd Molar Band Conversion Table

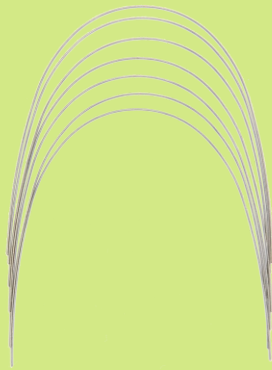
3B Size	Perimeter Size(Unitek)	GAC
28	28	1
28+	28.5	2
29	29	3
29+	29.5	4
30	30	5
30+	30.5	6
31	31	7
31+	31.5	8
32	32	9
32+	32.5	10
33	33	11
33+	33.5	12
34	34	13
34+	34.5	14
35	35	15
35+	35.5	16
36	36	17
36+	36.5	18
37	37	19
37+	37.5	20
38	38	21
38+	38.5	22
39	39	23
39+	39.5	24
40	40	25
40+	40.5	26
41	41	27
41+	41.5	28
42	42	29
42+	42.5	30
43	43	31
43+	43.5	32
44	44	33
44+	44.5	34

Intraoral Products

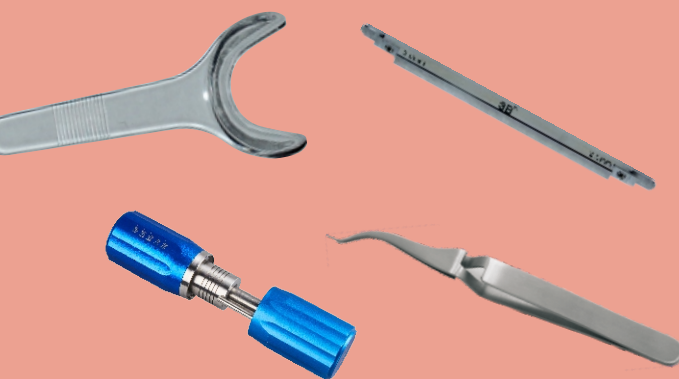


ORTHODONTIC ACCESSORIES

Archwire Products



Extraoral Products



Hand Instruments

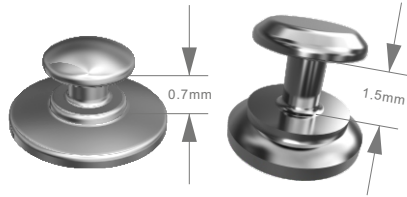
Pliers



Intraoral Products

Lingual Buttons

Bondable
Round Base
10pcs/bag



Curved Base
IA04-051

High Button
IA04-059

Lingual Buttons

Curved Round Base
with hollow-out
10pcs/bag



Bondable
IA04-081

Monoblock
IA04-081M

Lingual Buttons

Curved Rectangle Base
10pcs/bag



Weldable
IA04-101

Bondable
IA04-151

Lingual Cleats

Bondable Base
10pcs/bag



Rectangle
IA10-151

Round
IA10-051

Intraoral Products

Ceramic Lingual Button

Bondable Base
10pcs/bag



Rectangle
IA04-951

Round
IA04-952

Lingual Button Monoblock

Curved Round Base
10pcs/bag



Bondable
IA04-601

Lingual Buttons

10pcs/bag

Bondable
Monoblock
Rectangle Base



Flat Base
IA04-602

Curved Base
IA04-603

Lingual Buttons

Bondable Button with hook
10pcs/bag



IA04-304

Intraoral Products

Lingual Rings

Bondable
10pcs/bag



Flat rings



Circle rings

Elliptic Base
IA17-002

Round Base
IA17-001

Round Base
IA17-201

Direct Bonding Eyelet

Rectangle Curved Base
Monoblock design
10pcs/bag



Bondable IA04-604

Eyelet and Traction Chain

Round Base
10pcs/bag



Stainless steel
IA17-101

Gold plated
IA17-101G

Eyelet and Traction Chain

Rectangle Base
10pcs/bag



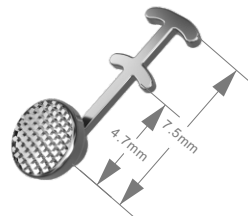
Stainless steel
IA17-102

Gold plated
IA17-102G

Bondable Multi Hook

Bi-Directional

Monoblock
Round Base
10pcs/bag

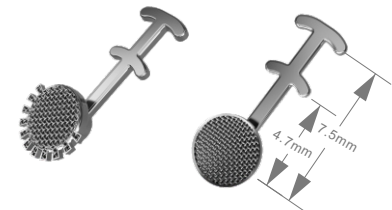


IA04-303

Bondable Multi Hook

Bi-Directional

with Mesh Base
Round Base
10pcs/bag



IA04-305

IA04-306

Tongue Tamer

Habbit Correction Buttons
Bondable
10pcs/bag



IA12-002

Bite Plate

Bondable
10pcs/bag

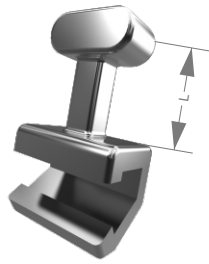


IA16-002

Intraoral Products

Short Crimpable Hook

Slot Size up to: 0.021" X 0.025"
10pcs/bag



1.4mm IA05-001 1.6mm IA05-001L

Long Crimpable T Hook

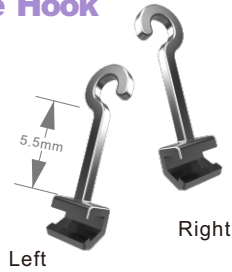
Bi-Directional hook for easy elastic hanging
10pcs/bag



IA05-103 Enhanced Hook IA05-103JQ

Long Curved Crimpable Hook

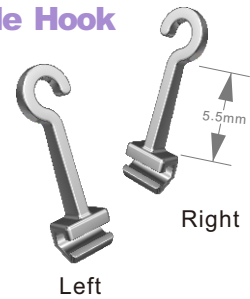
Excellent for use with TAD minisrew attachments
Securely attach to closed coil springs or any auxiliary attachments
10pcs/bag



Left IA05-201 Right IA05-202

Long Curved Crimpable Hook Enhanced Hook

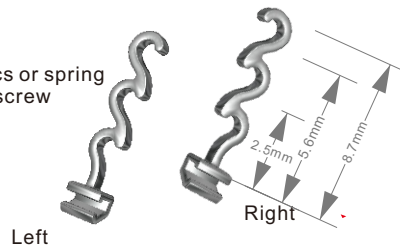
Excellent for use with TAD minisrew attachments coil springs
Securely attach to closed or any auxiliary attachments
10pcs/bag



Left IA05-201JQ Right IA05-202JQ

Spiral Crimpable Hook

Provide solid anchor for elastics or spring used in combination with mini screw
10pcs/bag



Left IA05-301 Right IA05-302

Open-wall arch hook

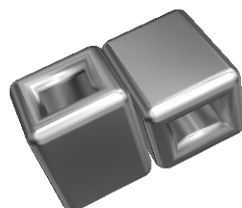
Provide solid anchor for elastics or springs
10pcs/bag



Left IA05-121 Right IA05-111

Cross Tubes

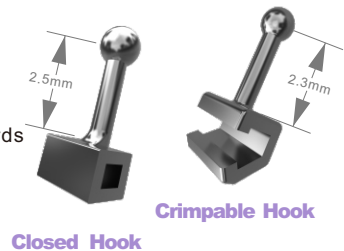
Easy for all orthodontic anchorage systems
10pcs/bag



.018" IA05-502 .022" IA05-501

Long Ball Hook

Bi-Directional hook for easy elastic hanging
Ball hook can be bent towards left or right
10pcs/bag



Closed IA05-105 Open 2.3mm IA05-101 3.0mm IA05-101L

Intraoral Products

Intraoral Products

Crimpable Stops

Split stops allow for easy and precise placement, no need to remove the archwire.

10pcs/bag



2.0mm
IA05-401

2.2mm
IA05-401L

Crimpable Mini Stops

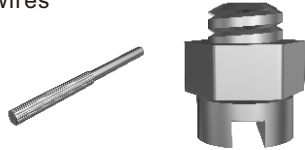
	2.0mm	3.0mm
0.015"	IA05-701	IA05-703
0.019"	IA05-702	IA05-704



10 pcs/bag

Activity Archwire Stop

up to 0.021"X0.025" arch wires



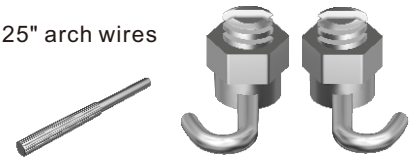
10 pcs/bag

IA05-601

Activity Stop with Hook

short hook
up to 0.021"X0.025" arch wires

10pcs/bag



Left
IA05-602

Right
IA05-603

Lingual Retainers-Bondable

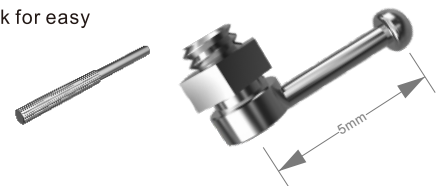
	38mm	IA06-038
	40mm	IA06-040
Upper	42mm	IA06-042
	45mm	IA06-045
	47mm	IA06-047
Lower	29mm	IA06-129
	31mm	IA06-131
	33mm	IA06-133
	35mm	IA06-135
	37mm	IA06-137



2 pcs/bag

Activity Hook

with long hook
Bi-Directional hook for easy elastic hanging



10 pcs/bag

IA05-604

Universal lingual retainer

1.2mm	IA06-012
2.0mm	IA06-020



2 pcs/bag

Lingual Retainers-Bondable

20mm	IA06-520
22mm	IA06-522
24mm	IA06-524
26mm	IA06-526
28mm	IA06-528
30mm	IA06-530



2 pcs/bag

Intraoral Products

Expansion Screws

General Type



1 pc/bag

IA03-101

Palatal Expansion Screws

9 mm IA03-209
11 mm IA03-211
13 mm IA03-213



1 pc/bag

Expansion Screws

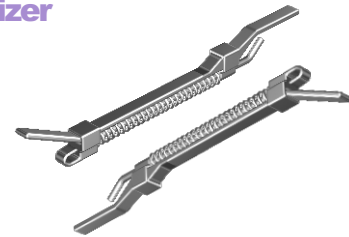
U-Shape



1 pc/bag

IA03-301

Molar Distalizer



2 pcs/bag

IA16-001

Mobile Intraoral Archs

Quad-Helix Expanders

	Upper	Lower
S	IA07-001	IA07-101
M	IA07-002	IA07-102
L	IA07-003	IA07-103



1 pc/bag

Stainless steel Ligature Wires

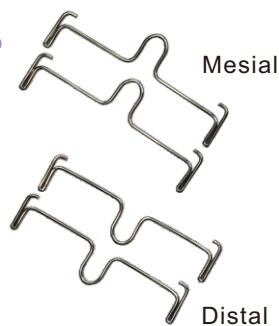
Diameter	50g
0.20mm	IA01-020
0.25mm	IA01-025
0.30mm	IA01-030



1 pc/bag

Palatal Arch Bars

Size	Distal Loop	Mesial Loop
37mm	IA02-137	IA02-037
39mm	IA02-139	IA02-039
41mm	IA02-141	IA02-041
43mm	IA02-143	IA02-043
45mm	IA02-145	IA02-045
47mm	IA02-147	IA02-047
49mm	IA02-149	IA02-049
51mm	IA02-151	IA02-051
53mm	IA02-153	IA02-053
55mm	IA02-155	IA02-055



10 pcs/bag

Lingual Retention Wires

Twisted wire
Packed in 1M/Spool



1 spool/bag

IA06-208

Intraoral Products

Niti Open Coil Springs

Length 180mm

Wire Diameter

.010" .012"

IA11-10300 IA11-12300



2 pcs/bag

Niti Close Coil Springs with eyelets

Length

Wire Diameter

.010" .012"

6mm	IA21-1006	IA21-1206
9mm	IA21-1009	IA21-1209
12mm	IA21-1012	IA21-1212



10 pcs/bag

Power Chains

Clear

Grey

Small Spacing IA14-001 IA14-101

Medium Spacing IA14-002 IA14-102

Large Spacing IA14-003 IA14-103



1 pc/bag

Elastic Ligature Tie

Ligature ties, assorted colors



40 sticks/bag(26pcs/stick)

IA13-100

Elastic Separators

High Stretch Characteristics
Long-lasting elasticity



10 pcs/bag

IA12-001

Elastic O-rings

Size 3.5 OZ 4.5 OZ

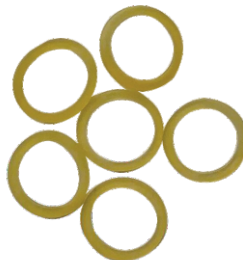
1/8" IA15-351 IA15-451

3/16" IA15-352 IA15-452

1/4" IA15-353 IA15-453

5/16" IA15-354 IA15-454

3/8" IA15-355 IA15-455




100 pcs/bag

Elastic Ligature Ties in Different Colors

IA13-101	Ligature ties, Color #1, clear	○
IA13-102	Ligature ties, Color #2, white	●
IA13-103	Ligature ties, Color #3, yellow	●
IA13-104	Ligature ties, Color #4, pink	●
IA13-105	Ligature ties, Color #5, dark orange	●
IA13-106	Ligature ties, Color #6, purple	●
IA13-107	Ligature ties, Color #7, light blue	●
IA13-109	Ligature ties, Color #9, Grey	●
IA13-110	Ligature ties, Color #10, black	●
IA13-111	Ligature ties, Color #11, gold	●
IA13-112	Ligature ties, Color #12, green	●
IA13-113	Ligature ties, Color #13, magenta	●
IA13-114	Ligature ties, Color #14, turquoise	●
IA13-115	Ligature ties, Color #15, dark blue	●
IA13-116	Ligature ties, Color #16, violet	●
IA13-117	Ligature ties, Color #17, red	●
IA13-118	Ligature ties, Color #18, tooth color	●
IA13-120	Ligature ties, Color #20, metallic blue	●

Extraoral Products

Adaptable Class&Mask-Type I

Red	EA01-201	
Blue	EA01-202	

Adaptable Class&Mask-Type II

Red	EA01-301	
Green	EA01-302	
Blue	EA01-303	
Yellow	EA01-304	

Face Masks Type-III 

EA03-201

Forehead rest and chin cup anti-allergic silica gel
Maximum Comfortable for patient



Face Masks

Adjustable

red	EA01-101	
blue	EA01-102	

Face Masks

Universal Adjustable

red	EA01-001	
blue	EA01-002	

Face Masks

EA03-202


Double shaft with Belt for more stable and comfortable application



Loop Style Face Bows

83mm	EA02-201	
90mm	EA02-202	
97mm	EA02-203	
104mm	EA02-204	
111mm	EA02-205	

Standard Face Bows

asymmetric	EA02-101	
symmetric	EA02-001	

Archwire Products

Super Elastic NiTi Archwires

10pcs/bag



Oval



Natural

Round	Upper		Lower	
	Oval	Natural	Oval	Natural
.012"	AW002-12U	AW003-12U	AW002-12L	AW003-12L
.014"	AW002-14U	AW003-14U	AW002-14L	AW003-14L
.016"	AW002-16U	AW003-16U	AW002-16L	AW003-16L
.018"	AW002-18U	AW003-18U	AW002-18L	AW003-18L
.020"	AW002-20U	AW003-20U	AW002-20L	AW003-20L

Rectangular	Upper		Lower	
	Oval	Natural	Oval	Natural
.016"x.016"	AW002-1616U	AW003-1616U	AW002-1616L	AW003-1616L
.016"x.022"	AW002-1622U	AW003-1622U	AW002-1622L	AW003-1622L
.017"x.022"	AW002-1722U	AW003-1722U	AW002-1722L	AW003-1722L
.017"x.025"	AW002-1725U	AW003-1725U	AW002-1725L	AW003-1725L
.018"x.022"	AW002-1822U	AW003-1822U	AW002-1822L	AW003-1822L
.018"x.025"	AW002-1825U	AW003-1825U	AW002-1825L	AW003-1825L
.019"x.025"	AW002-1925U	AW003-1925U	AW002-1925L	AW003-1925L
.021"x.025"	AW002-2125U	AW003-2125U	AW002-2125L	AW003-2125L

Thermally Activated NiTi Archwires

10pcs/bag

Round	Upper		Lower	
	Oval	Natural	Oval	Natural
.012"	AW101-12U	AW102-12U	AW101-12L	AW102-12L
.014"	AW101-14U	AW102-14U	AW101-14L	AW102-14L
.016"	AW101-16U	AW102-16U	AW101-16L	AW102-16L
.018"	AW101-18U	AW102-18U	AW101-18L	AW102-18L
.020"	AW101-20U	AW102-20U	AW101-20L	AW102-20L



Oval

Rectangular	Upper		Lower	
	Oval	Natural	Oval	Natural
.016"x.016"	AW101-1616U	AW102-1616U	AW101-1616L	AW102-1616L
.016"x.022"	AW101-1622U	AW102-1622U	AW101-1622L	AW102-1622L
.017"x.022"	AW101-1722U	AW102-1722U	AW101-1722L	AW102-1722L
.017"x.025"	AW101-1725U	AW102-1725U	AW101-1725L	AW102-1725L
.018"x.022"	AW101-1822U	AW102-1822U	AW101-1822L	AW102-1822L
.018"x.025"	AW101-1825U	AW102-1825U	AW101-1825L	AW102-1825L
.019"x.025"	AW101-1925U	AW102-1925U	AW101-1925L	AW102-1925L
.021"x.025"	AW101-2125U	AW102-2125U	AW101-2125L	AW102-2125L



Natural

Archwire Products

Reverse Curve NiTi Archwires

2pcs/bag



Round	Upper	Lower
.012"	AW201-12U	AW201-12L
.014"	AW201-14U	AW201-14L
.016"	AW201-16U	AW201-16L
.018"	AW201-18U	AW201-18L
.020"	AW201-20U	AW201-20L

Rectangular	Upper	Lower
.016"x.016"	AW201-1616U	AW201-1616L
.016"x.022"	AW201-1622U	AW201-1622L
.017"x.022"	AW201-1722U	AW201-1722L
.017"x.025"	AW201-1725U	AW201-1725L
.018"x.022"	AW201-1822U	AW201-1822L
.018"x.025"	AW201-1825U	AW201-1825L
.019"x.025"	AW201-1925U	AW201-1925L
.021"x.025"	AW201-2125U	AW201-2125L

Stainless Steel Archwires

10pcs/bag

Round	Upper		Lower	
	Oval	Natural	Oval	Natural
.012"	AW301-12U	AW303-12U	AW301-12L	AW303-12L
.014"	AW301-14U	AW303-14U	AW301-14L	AW303-14L
.016"	AW301-16U	AW303-16U	AW301-16L	AW303-16L
.018"	AW301-18U	AW303-18U	AW301-18L	AW303-18L
.020"	AW301-20U	AW303-20U	AW301-20L	AW303-20L

Rectangular	Upper		Lower	
	Oval	Natural	Oval	Natural
.016"x.016"	AW302-1616U	AW304-1616U	AW302-1616L	AW304-1616L
.016"x.022"	AW302-1622U	AW304-1622U	AW302-1622L	AW304-1622L
.017"x.022"	AW302-1722U	AW304-1722U	AW302-1722L	AW304-1722L
.017"x.025"	AW302-1725U	AW304-1725U	AW302-1725L	AW304-1725L
.018"x.022"	AW302-1822U	AW304-1822U	AW302-1822L	AW304-1822L
.018"x.025"	AW302-1825U	AW304-1825U	AW302-1825L	AW304-1825L
.019"x.025"	AW302-1925U	AW304-1925U	AW302-1925L	AW304-1925L



Oval



Natural

Archwire Products

CuNiTi Archwires

1 pcs/bag



Universal

Round	
.013"	AW501-13
.014"	AW501-14
.016"	AW501-16
.018"	AW501-18

Rectangular	
.014"x.025"	AW501-1425
.016"x.022"	AW501-1622
.016"x.025"	AW501-1625
.017"x.025"	AW501-1725
.018"x.025"	AW501-1825
.019"x.025"	AW501-1925

TMA NiTi Archwires

1 pcs/bag

Round	Upper		Lower	
	Oval	Natural	Oval	Natural
.016"	AW401-16U	AW402-16U	AW401-16L	AW402-16L
.018"	AW401-18U	AW402-18U	AW401-18L	AW402-18L
.020"	AW401-20U	AW402-20U	AW401-20L	AW402-20L



Oval

Rectangular	Upper		Lower	
	Oval	Natural	Oval	Natural
.016"x.016"	AW401-1616U	AW402-1616U	AW401-1616L	AW402-1616L
.016"x.022"	AW401-1622U	AW402-1622U	AW401-1622L	AW402-1622L
.017"x.022"	AW401-1722U	AW402-1722U	AW401-1722L	AW402-1722L
.017"x.025"	AW401-1725U	AW402-1725U	AW401-1725L	AW402-1725L
.018"x.022"	AW401-1822U	AW402-1822U	AW401-1822L	AW402-1822L
.018"x.025"	AW401-1825U	AW402-1825U	AW401-1825L	AW402-1825L
.019"x.025"	AW401-1925U	AW402-1925U	AW401-1925L	AW402-1925L
.021"x.025"	AW401-2125U	AW402-2125U	AW401-2125L	AW402-2125L



Natural

Hand Instruments

Cheek Retractors

Flexible, comfortable retractors provide broad visibility and access for bonding. Autoclavable

- Small HI03-001
- Medium HI03-002
- Large HI03-003



Lip Retractors

transparent plastic lip retractors are used when take pictures, or for difficult bonding cases

- Medium HI04-002
- Small HI04-001



Cheek Retractors

Durable plastic design, autoclavable, heat sterilizable, or disposable

Enables maximum view of posterior while easily holding lips and cheeks.

HI05-001



Force Gauge

Precisely measures forces released by elastics, archwires, and coil springs. Double-ended calibrated shaft.

HI06-001



Arch Turret

without torque
0°, 5 Slots, 016/017/018/019/021
HI02-201

with torque
5°, 3 Slots, 017/018/019
7°, 3 Slots, 017/018/019
HI02-202



Bracket Positioning Gauge

One piece construction
Double Ended



- a: 2.0mm; 2.5mm; 3.0mm; 3.5mm HI01-201
- b: 3.5mm; 4.0mm; 4.5mm; 5.0mm HI01-202

Bracket Positioning Gauge

Shaft

- 2.0-2.5mm HI01-101
- 3.0-3.5mm HI01-102
- 4.0-4.5mm HI01-103
- 5.0-5.5mm HI01-104
- 6.0-6.5mm HI01-105



Bracket Positioning Gauge

Boone Gauge
Simplify bracket positioning

HI01-001



Hand Instruments

Needle Holder

Mathieu pliers with serrated tips
Handle with Gold Plated



HI34-201

Bracket Tweezers

with serrated beaks and slot aligner



HI34-001

Bracket Tweezers

with ultra-fine narrow tip



HI34-002

Tube Tweezers

Used to hold posterior bracket and buccal tubes.



HI34-003

Glass Mirror



Lingual Small

HI05-101



Buccal

HI05-102



Occlusion, Large

HI05-103



Occlusion, Medium

HI05-104



Occlusion, Small

HI05-105

Orthodontic pliers

- Inserted blade with high hardness and better ductility.
- Inserted blade with excellent corrosion resistant.
- Smooth surface and comfortable handles.
- Fine and high strength stainless steel.
- Lap joint design and compact profile.
- Smooth surface and rounded edge by elaborate manual process.



Pliers

Light wire cutter

Hardness:HRC60-65,

Cutting edge made by new technology .
ligature wires or elastic rings' diameter
up to 0.30mm(0.021")

(can not be used for cutting arch wires)

HI07-01	Standard	1pc/pk
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Distal end cutter

Hardness:HRC60-65,

Cutting edge made by new technology .

Used to cut the long distal end of arch
wires ,and safety holding the cut part.

Arch wires up to 0.021"X0.025"
(0.53mmX0.64mm)

HI08-01	Standard	1pc/pk
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Distal end cutter -with flush end

Hardness:HRC60-65,

Cutting edge made by new technology .
Used to cut the distal end of arch wires
and safety holding the cut part, the distal
end of arch wire will be flush with tube
slot's distal end. Arch wires up to
0.021"X0.025"(0.53mmX0.64mm)

HI09-01	Standard	1pc/pk
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Light wire pliers

Hardness of tip :HRC60-65,

Cutting edge made by new technology .

Used to make different fine loops on arch wires,
and to make spring loops, Wires' diameter up
to 0.030"(0.76mm)

HI10-01	Standard	1pc/pk
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Light wire pliers with cutter

Hardness of tip :HRC60-65

Cutting edge made by new technology .

Used to make different fine loops on
arch wires, and to make spring loops.

Tip with cutting edge for wires cutting

HI11-01	Standard	1pc/pk
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Pliers

Heavy cutter

Hardness of tip :HRC60-65,

Cutting edge made by new technology .

Used to cut Australia wires ,NITI wires , stainless steel wires ,Wires' diameter up to 0.030"(0.76mm)

HI12-01	Standard	1pc/pk
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NITI cinch back pliers

Hardness of tip :HRC60-65,

Cutting edge made by new technology .

Used to cinch back distal end of arch wires to avoid any injury on soft tissue.

NITI wires' diameter up to 0.021"(0.53mm)

HI13-01	Standard	1pc/pk
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V stop pliers

To make V stop along arch wires to prevent any movement .

HI14-01	Standard	1pc/pk
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Cap removing pliers

To remove the caps of convertible tubes

HI15-01	Standard	1pc/pk
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Multi-function pliers

Hardness of tip :HRC52-55,

Used to bend , flatten and cut wires

HI16-01	Standard	1pc/pk
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Pliers

Torque pliers

Hardness of tip :HV713-856(HRC60-65)

Cutting edge made by new technology .

Used in pair to make torque on rectangle wires , thickness of tips:0.050"(1.27mm)

HI17-01	Standard	1pc/pk
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Tweed loop pliers

Hardness of tip :HV713-856(HRC60-65)

Cutting edge made by new technology .

To make small loops ,distal stops
and loops on arch wires

HI18-01	Standard	1pc/pk
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Band remover

Hardness of tip :HRC52-55

Used to remove bands and other bondable attachment



HI19-01	Standard	1pc/pk
HI19-21	Replacement tip	1pc/pk



Bracket removing pliers

Hardness of tip :HRC52-55

Used to remove anterior brackets

HI20-01	Standard	1pc/pk
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Posterior bracket removing pliers

Hardness of tip :HRC52-55

Used to remove posterior brackets

HI21-01	Standard	1pc/pk
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Pliers

Weingart pliers

Hardness:HRC52-55

Used to cinch back distal end of arch wires to avoid any injury of soft tissue

HI22-01	Standard	1pc/pk
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Crimpable hook pliers

Hardness:HRC52-55

To fix the crimpable hooks along arch wires

HI23-01	Standard	1pc/pk
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Loop bending pliers

Hardness of tip :HRC52-55

To make different small loops for multi-loop edgewise arch wires , diameter of loops: 2.00 / 3. 20 / 4. 20mm

HI24-01	Standard	1pc/pk
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How utility pliers

Hardness of tip :HRC52-55

To hold arch wires and guide it into buccal tubes, to hold ligature wires, or to form anterior band

HI25-01	Standard	1pc/pk
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Kim pliers

Hardness of tip :HRC52-55

To bend multi-loop edgewise wires , with cutter on tips

HI26-01	Standard	1pc/pk
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Pliers

Nance loop bending pliers

Hardness of tip :HRC52-55

To make vertical loops of different height along arch wires , 3.0/4.0/5.0/6.0mm

Wires' diameter up to :0.022"(0.56mm)

HI27-01	Standard	1pc/pk
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Bondage removing pliers

Hardness of tip :HRC52-55

Used to remove bondage on the crown without any injury on enamel

HI28-01	Standard	1pc/pk
HI28-11	Replacement tip	1pc/pk
HI28-21	Replacement blade	1pc/pk



Three jaw pliers

Hardness of tip :HRC52-55

To make V loops and bend arch wires.

Wires' diameter up to 0.030"903.76mm)

HI29-01	Standard	1pc/pk
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Omega loop bending pliers

Hardness of tip:HRC52-55

To make fine Ω loops. Three different loops : diameter 0.063" / 0.075" / 0.10" (diameter 1.6mm / 2.0mm / 2.6mm)

HI30-01	Standard	1pc/pk
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Elastic pliers

Hardness of tip :HRC52-55

For expanding elastic separating rings before separating molar gap

HI31-01	Standard	1pc/pk
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Pliers stands

Clear , modified design

Stainless steel bar , high temperature sterilization

not permitted . plastic lateral plates

HI32-01	1set/pk
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Pliers

Tear drop thermal forming pliers

Create a notch for elastics.

HI36-018	Standard	1pc/pk
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Vertical notch thermal forming pliers

Create vertical notch to help control rotation.

HI36-028	Standard	1pc/pk
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Horizontal notch thermal forming pliers

Create Horizontal notch to help control torque.

HI36-038	Standard	1pc/pk
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Hole thermal forming pliers

Create more space for Buttons or brackets.

HI36-048	Standard	1pc/pk
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Bubble thermal forming pliers

Creates space in the appliance without cutting a window, designed for tooth movement.

HI36-058	Standard	1pc/pk
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Slot thermal forming pliers

Designed to make second step on clear appliance, to hold the elastica, preventing it from falling off.

HI36-068	Standard	1pc/pk
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3B[®] ORTHO



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E-CAT



Video