IMD®
INNOVATION FOR YOU



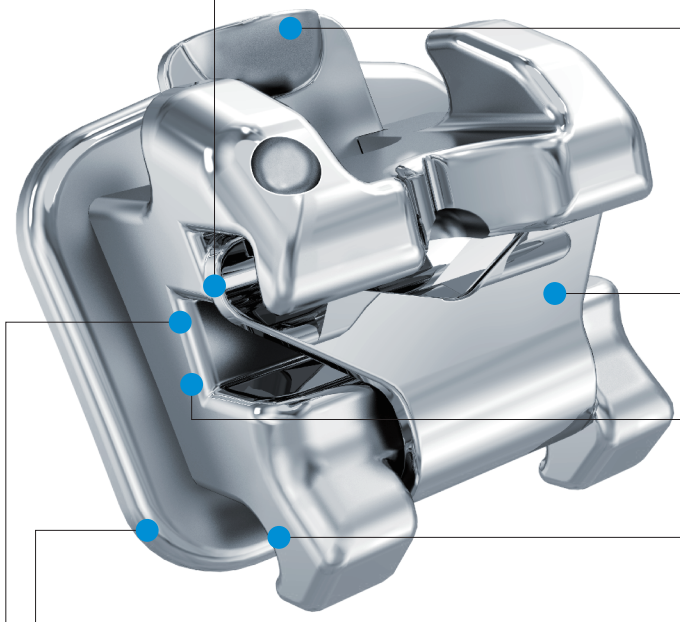
ActMIM Interactive Self-ligating System

- Simple, Efficient and Consistent

BRACKET SYSTEMS

ActMIM Active Self-ligating Brackets

ACTMIM - Foil Mesh bracket- 80 Gauge



Special Spring Temper Clip
Maintains full engagement of archwire slot

Full Slot Slip Coverage
Allows the clip to interact with the wire both on the mesial and distal for easy teeth rotation, without the use of auxiliaries

Clip User Friendly
For ease of opening & closing

Precision Slot Dimensions ±.001
Best in the industry

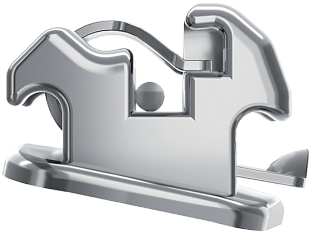
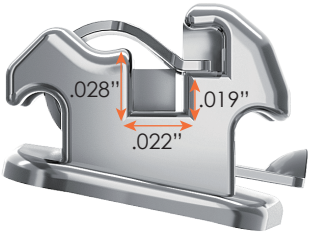
Generous Tie-wing Clearance
For ease of ligation for power chain elastics & steel ligature

Ball Hooks Available on 3's, 4's & 5's

Compound Contour/Torque In Base
For optimal tooth to bracket base adaptation & placement

Metal Injection Molding(MIM) with 17-4PH stainless steel
For smooth and non-deformable slot

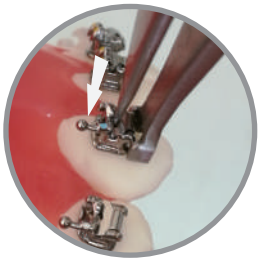
Interactive Control

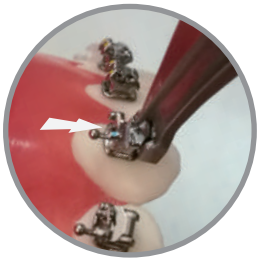
		
Passive Phase Gently level and align the teeth	**Expressive Phase** Begin torque control and complete leveling and aligning	**Active Phase** Provide the active control for final detailing

BRACKET SYSTEMS

ActMIM Active Self-ligating Brackets

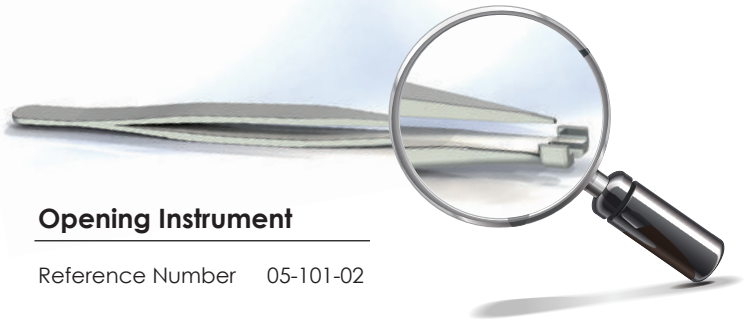
Easy Open Clip
Opening the clip of ActMIM bracket is a snap! Place the opening instrument to the v-notched clip at the gingival side of the bracket and the clip will open easily once pressure is applied occlusal-ly to the clip.





Closing Technique
Using a tweezer, or your fingertip, gently apply pressure on occlusal side of the clip to gingival





Opening Instrument

Reference Number 05-101-02



Opening Instrument

Reference Number 05-101-07

MEMAlloy and Tri MEMAlloy Archwire Sequence for ActMIM Active Self-Ligating Brackets

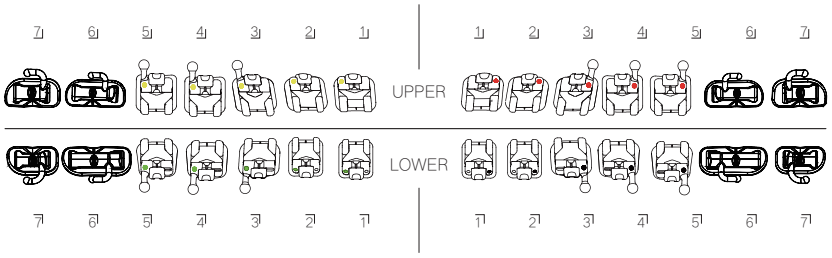
Recommended Wires and Sequence	Periods	Purpose
Step-1		
.014 MEMAlloy (U/L) .018 MEMAlloy (U/L)	2~3 months	Level and align Resolve rotation
Step-2		
.018 x .018 Tri MEMAlloy (U/L) .020 x .020 Tri MEMAlloy (U/L)	2~4 months	Complete leveling and aligning Begin torque control
Step-3		
.019 x .025 Stainless steel (U/L)	5~8 months	Close extraction space
Step-4		
.019 x .025 Stainless steel (U/L) .021 x .025 Stainless steel (U/L)	3~4 months	Complete root movement
Step-5		
.021 x .025 Stainless steel (U/L)	1~2 months	Final detailing

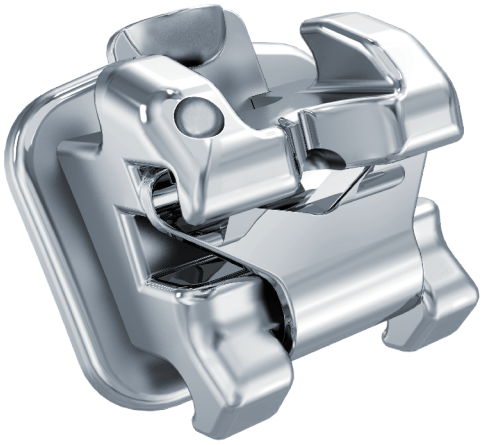
Remarks:
1. The wires sequence is recommended by IMD, the specific use of the wire and its sequence are determined by dentists
2. The treatment time will be referred to the actual status of the cases
3. Above recommended wires are in pieces, dentists can make the decision of the wires' quantity according to different situations.

BRACKET SYSTEMS

ActMIM Active Self-ligating Brackets

BRACKET I.D. CHART





ActMIM series Roth+* bracket kits

	.018 in.	.022 in.
U/L 7×7	-	-
U/L 7×7 Hook on 3	KIT22-411-03CHK	KIT22-421-03CHK
U/L 7×7 Hook on 3、4 & 5	KIT22-411-03CBCHK	KIT22-421-03CBCHK

Maxillary Roth+*

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
U1	+12°	+5°	0°	3	UR	●	-	22-411-11	22-421-11
					UL	●	-	22-411-21	22-421-21
U1 Low Torque	+7°	+5°	0°	3	UR	●	-	22-411-11L	22-421-11L
					UL	●	-	22-411-21L	22-421-21L
U2	+10°	+9°	0°	2.8	UR	●	-	22-411-12	22-421-12
					UL	●	-	22-411-22	22-421-22
U2 Low Torque	+3°	+9°	0°	3	UR	●	D	22-411-12L	22-421-12L
					UL	●	D	22-411-22L	22-421-22L
U3 Hook	-7°	+10°	2M	3	UR	●	D	22-411-13HK	22-421-13HK
					UL	●	D	22-411-23HK	22-421-23HK
U3 Low Torque Hook	0°	+10°	2M	3	UR	●	D	22-411-13LHK	22-421-13LHK
					UL	●	D	22-411-23LHK	22-421-23LHK
U4-5/Hook	-9°	0°	0	3	UR	●	D	22-411-14HK	22-421-14HK
					UL	●	D	22-411-24HK	22-421-24HK
U6/Single Bonable NC	-14°	0°	10D	5.2	UR		-	-	71-642-11
					UL		-	-	71-642-21
U7/Single Bondable NC	-20°	0°	10D	3.5	UR		-	-	71-742-11
					UL		-	-	71-742-21

Maxillary

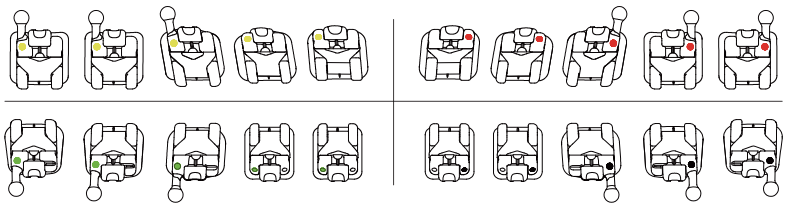
Tooth	Torque	Agulation	Rotation	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
L1-2	-6°	0°	0°	2.6	LR	●	-	22-411-41	22-421-41
					LL	●	-	22-411-31	22-421-31
L1-2 High Torque	-1°	0°	0°	2.6	LR	●	-	22-411-41H	22-421-41H
					LL	●	-	22-411-31H	22-421-31H
L3 Hook	-8°	+3°	0°	3	LR	●	D	22-411-43HK	22-421-43HK
					LL	●	D	22-411-33HK	22-421-33HK
L4 Hook	-12°	+2°	0°	3	LR	●	D	22-411-44HK	22-421-44HK
					LL	●	D	22-411-34HK	22-421-34HK
L5 Hook	-17°	-1°	0°	3	LR	●	D	22-411-45HK	22-421-45HK
					LL	●	D	22-411-35HK	22-421-35HK
L6/Single Bondable NC	-25°	-1°	0°	5.5	LR	-	-	-	71-642-41
					LL	-	-	-	71-642-31
L7/Single Bondable NC	-20	-1°	0°	3.5	LR	-	-	-	71-742-41
					LL	-	-	-	71-742-31

* Our version of the Roth Rx is not implied to be an exact version of any other system,nor do we claim any endorsement of Dr.Roth.

BRACKET SYSTEMS

ActMIM Active Self-ligating Brackets

BRACKET I.D. CHART





ActMIM series Roth* standard bracket kits

	.018 in.	.022 in.
U/L 5×5	-	-
U/L 5×5 Hook on 3	KIT22-211-00CHK	KIT22-221-00CHK
U/L 5×5 Hook on 3、4 & 5	KIT22-211-00CBCHK	KIT22-221-00CBCHK

Roth*

MAXILLARY

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Central (U1)	+12°	+5°	0°	3	UR		-	22-211-11	22-221-11
					UL		-	22-211-21	22-221-21
Lateral (U2)	+8°	+9°	0°	2.8	UR		-	22-211-12	22-221-12
					UL		-	22-211-22	22-221-22
Cuspid (U3)	-2°	+10°	2°	3	UR		D	22-211-13HK	22-221-13HK
					UL		D	22-211-23HK	22-221-23HK
Bicuspid (U4)	-7°	0°	2°	3	UR		-	22-211-14	22-221-14
					UL		-	22-211-24	22-221-24
					UR		D	22-211-14HK	22-221-14HK
					UL		D	22-211-24HK	22-221-24HK
Bicuspid (U5)	-7°	0°	2°	3	UR		-	22-211-15	22-221-15
					UL		-	22-211-25	22-221-25
					UR		D	22-211-15HK	22-221-15HK
					UL		D	22-211-25HK	22-221-25HK

MANDIBULAR

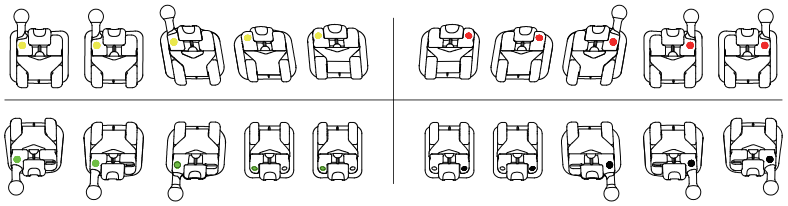
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Anteriors (L1)	-1°	+2°	0°	2.6	LR		-	22-211-41	22-221-41
					LL		-	22-211-31	22-221-31
Anteriors (L2)	-1°	+2°	0°	2.6	LR		-	22-211-42	22-221-42
					LL		-	22-211-32	22-221-32
Cuspid (L3)	-11°	+7°	2°	3	LR		D	22-211-43HK	22-221-43HK
					LL		D	22-211-33HK	22-221-33HK
1st Bicuspid (L4)	-17°	-1°	4°	3	LR		-	22-211-44	22-221-44
					LL		-	22-211-34	22-221-34
					LR		D	22-211-44HK	22-221-44HK
					LL		D	22-211-34HK	22-221-34HK
2nd Bicuspid (L5)	-22°	-1°	4°	3	LR		-	22-211-45	22-221-45
					LL		-	22-211-35	22-221-35
					LR		D	22-211-45HK	22-221-45HK
					LL		D	22-211-35HK	22-221-35HK

* Our version of the Roth Rx is not implied to be an exact version of any other system,nor do we claim any endorsement of Dr.Roth.Our version of the McLaughlin,Bennett,and Trevisi system is not implied to be an exact version of any other system, nor do we claim any endorsement of doctors McLaughlin,Bennett,and Trevisi.

BRACKET SYSTEMS

ActMIM Active Self-ligating Brackets

BRACKET I.D. CHART





ActMIM series McBeTr* standard bracket kits

	.018 in.	.022 in.
U/L 5×5	-	-
U/L 5×5 Hook on 3	KIT22-311-00CHK	KIT22-321-00CHK
U/L 5×5 Hook on 3、4 & 5	KIT22-311-00CBCHK	KIT22-321-00CBCHK

MAXILLARY — McBeTr*

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Central(U1)	+17°	+4°	0°	3	UR	●	-	22-311-11	22-321-11
					UL	●		22-311-21	22-321-21
Lateral(U2)	+10°	+8°	0°	2.8	UR	●	-	22-311-12	22-321-12
					UL	●		22-311-22	22-321-22
Cuspid(U3)	-7°	+8°	0°	3	UR	●	-	22-311-13	22-321-13
					UL	●		22-311-23	22-321-23
					UR	●	D	22-311-13HK	22-321-13HK
					UL	●	D	22-311-23HK	22-321-23HK
Bicuspid(U4)	-7°	0°	0°	3	UR	●	-	22-311-14	22-321-14
					UL	●		22-311-24	22-321-24
					UR	●	D	22-311-14HK	22-321-14HK
					UL	●	D	22-311-24HK	22-321-24HK
Bicuspid(U5)	-7°	0°	0°	3	UR	●	-	22-311-15	22-321-15
					UL	●		22-311-25	22-321-25
					UR	●	D	22-311-15HK	22-321-15HK
					UL	●	D	22-311-25HK	22-321-25HK

MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Anteriors(L1)	-6°	0°	0°	2.6	LR	●	-	22-311-41	22-321-41
					LL	●	-	22-311-31	22-321-31
Anteriors(L2)	-6°	0°	0°	2.6	LR	●	-	22-311-42	22-321-42
					LL	●	-	22-311-32	22-321-32
Cuspid(L3)	-6°	+3°	0°	3	LR	●	-	22-311-43	22-321-43
					LL	●	-	22-311-33	22-321-33
					LR	●	D	22-311-43HK	22-321-43HK
					LL	●	D	22-311-33HK	22-321-33HK
1st Bicuspid(L4)	-12°	+2°	0°	3	LR	●	-	22-311-44	22-321-44
					LL	●	-	22-311-34	22-321-34
					LR	●	D	22-311-44HK	22-321-44HK
					LL	●	D	22-311-34HK	22-321-34HK
2nd Bicuspid(L5)	-17°	+2°	0°	3	LR	●	-	22-311-45	22-321-45
					LL	●	-	22-311-35	22-321-35
					LR	●	D	22-311-45HK	22-321-45HK
					LL	●	D	22-311-35HK	22-321-35HK

* Our version of the Roth Rx is not implied to be an exact version of any other system,nor do we claim any endorsement of Dr.Roth.Our version of the McLaughlin,Bennett,and Trevisi system is not implied to be an exact version of any other system, nor do we claim any endorsement of doctors McLaughlin,Bennett,and Trevisi.

IMD®
INNOVATION FOR YOU

INNOVATIVE MATERIAL AND DEVICES, INC.
Add: Building#5, NO. 615 Fengdeng Rd., Jiading District,
Shanghai 201801, China.
http://www.imdmedical.com/