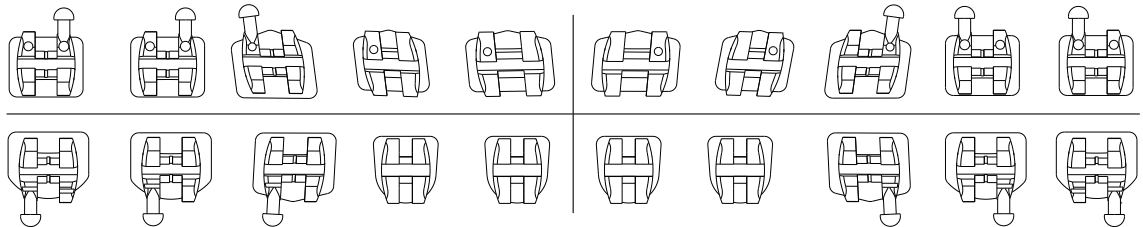


Diamond series/80 Mesh base/Medium size

Torque			-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip			0°	0°	+13°	+9°	+5°	+5°	+9°	+13°	0°	0°
In/out mm			0.5	0.5	0.5	1.1	0.5	0.5	1.0	0.5	0.5	0.5
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	TZ21-4014	TZ21-4014	TZ21-4013	TZ21-4012	TZ21-4011	TZ21-4021	TZ21-4022	TZ21-4023	TZ21-4024	TZ21-4024
		With hook	TZ21-4114	TZ21-4114	TZ21-4113	—	—	—	—	TZ21-4123	TZ21-4124	TZ21-4124
	22	Without hook	TZ22-4014	TZ22-4014	TZ22-4013	TZ22-4012	TZ22-4011	TZ22-4021	TZ22-4022	TZ22-4023	TZ22-4024	TZ22-4024
		With hook	TZ22-4114	TZ22-4114	TZ22-4113	—	—	—	—	TZ22-4123	TZ22-4124	TZ22-4124
Single Packs			10	10	10	10	10	10	10	10	10	10



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			0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.5	0.5	0.5
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	TZ21-4045	TZ21-4044	TZ21-4043	TZ21-4031	TZ21-4031	TZ21-4031	TZ21-4031	TZ21-4033	TZ21-4034	TZ21-4035
		With hook	TZ21-4145	TZ21-4144	TZ21-4143	—	—	—	—	TZ21-4133	TZ21-4134	TZ21-4135
	22	Without hook	TZ22-4045	TZ22-4044	TZ22-4043	TZ22-4031	TZ22-4031	TZ22-4031	TZ22-4031	TZ22-4033	TZ22-4034	TZ22-4035
		With hook	TZ22-4145	TZ22-4144	TZ22-4143	—	—	—	—	TZ22-4133	TZ22-4134	TZ22-4135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TZ21-40	TZ21-43	TZ21-44
	10 Kits	200pcs	TZ21-4010	TZ21-4310	TZ21-4410
22	1 Kit	20pcs	TZ22-40	TZ22-43	TZ22-44
	10 Kits	200pcs	TZ22-4010	TZ22-4310	TZ22-4410



*ORJ's version of Roth is not claimed to be a duplication of any other, nor does ORJ imply that it is endorsed in any way by Dr. Roth.



Maxillary



Mandibular



Upper & Lower

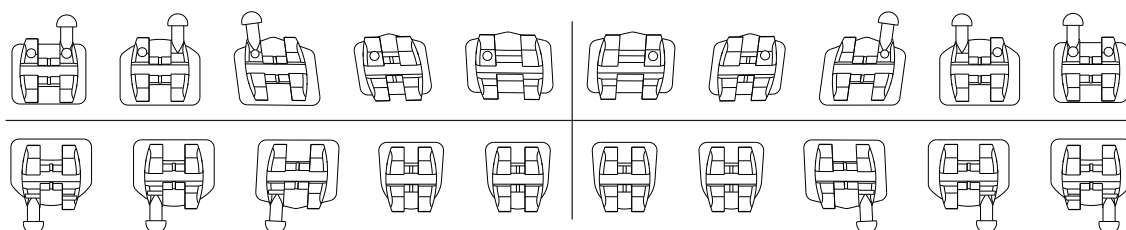
Metal Brackets ■

Diamond Series Brackets

Sliding-MBT* Brackets

Diamond series/80 Mesh base/Medium size

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	0.6	0.5	1.1	0.6	0.6	1.1	0.5	0.6	0.9
Width mm			2.9	2.9	3.0	2.8	3.4	3.4	2.8	3.0	2.9	2.9
REF	18	Without hook	TZ31-4015	TZ31-4014	TZ31-4013	TZ31-4012	TZ31-4011	TZ31-4021	TZ31-4022	TZ31-4023	TZ31-4024	TZ31-4025
		With hook	TZ31-4115	TZ31-4114	TZ31-4113	—	—	—	—	TZ31-4123	TZ31-4124	TZ31-4125
	22	Without hook	TZ32-4015	TZ32-4014	TZ32-4013	TZ32-4012	TZ32-4011	TZ32-4021	TZ32-4022	TZ32-4023	TZ32-4024	TZ32-4025
		With hook	TZ32-4115	TZ32-4114	TZ32-4113	—	—	—	—	TZ32-4123	TZ32-4124	TZ32-4125
Single Packs			10	10	10	10	10	10	10	10	10	10



Torque			-17°	-12°	-6°※	-6°	-6°	-6°	-6°	-6°※	-12°	-17°
Tip			2°	2°	+3°	0°	0°	0°	0°	+3°	2°	2°
In/out mm			0.5	0.5	0.5	1.1	1.1	1.1	1.1	0.5	0.5	0.5
Width mm			2.9	2.9	3.0	2.4	2.4	2.4	2.4	3.0	2.9	2.9
REF	18	Without hook	TZ31-4045	TZ31-4044	TZ31-4043	TZ31-4041	TZ31-4041	TZ31-4031	TZ31-4031	TZ31-4033	TZ31-4034	TZ31-4035
		With hook	TZ31-4145	TZ31-4144	TZ31-4143	—	—	—	—	TZ31-4133	TZ31-4134	TZ31-4135
	22	Without hook	TZ32-4045	TZ32-4044	TZ32-4043	TZ32-4041	TZ32-4041	TZ32-4031	TZ32-4031	TZ32-4033	TZ32-4034	TZ32-4035
		With hook	TZ32-4145	TZ32-4144	TZ32-4143	—	—	—	—	TZ32-4133	TZ32-4134	TZ32-4135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TZ31-40	TZ31-43	TZ31-44
	10 Kits	200pcs	TZ31-4010	TZ31-4310	TZ31-4410
22	1 Kit	20pcs	TZ32-40	TZ32-43	TZ32-44
	10 Kits	200pcs	TZ32-4010	TZ32-4310	TZ32-4410



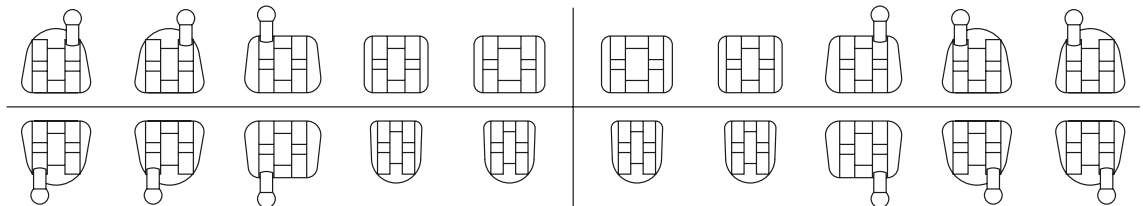
*These are ORJ's versions of techniques and do not imply or indicate any endorsement by Drs. McLaughlin, Bennett and Trevisi.



Standard Edge-wise Brackets

Gem series / 80 Mesh base/Regular size

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			0.9	0.9	0.9	0.9	0.9	0.9	0.9	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	TB11-1014	TB11-1014	TB11-1013	TB11-1012	TB11-1011	TB11-1011	TB11-1012	TB11-1013	TB11-1014	TB11-1014
		With hook	TB11-1114	TB11-1114	TB11-1113	—	—	—	—	TB11-1123	TB11-1124	TB11-1124
	22	Without hook	TB12-1014	TB12-1014	TB12-1013	TB12-1012	TB12-1011	TB12-1011	TB12-1012	TB12-1013	TB12-1014	TB12-1014
		With hook	TB12-1114	TB12-1114	TB12-1113	—	—	—	—	TB12-1123	TB12-1124	TB12-1124
Single Packs			10	10	10	10	10	10	10	10	10	10



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			0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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	TB11-1014	TB11-1014	TB11-1013	TB11-1031	TB11-1031	TB11-1031	TB11-1031	TB11-1013	TB11-1014	TB11-1014
		With hook	TB11-1114	TB11-1114	TB11-1123	—	—	—	—	TB11-1113	TB11-1124	TB11-1124
	22	Without hook	TB12-1014	TB12-1014	TB12-1013	TB12-1031	TB12-1031	TB12-1031	TB12-1031	TB12-1013	TB12-1014	TB12-1014
		With hook	TB12-1114	TB12-1114	TB12-1123	—	—	—	—	TB12-1113	TB12-1124	TB12-1124
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB11-10	TB11-13	TB11-14
	10 Kits	200pcs	TB11-1010	TB11-1310	TB11-1410
22	1 Kit	20pcs	TB12-10	TB12-13	TB12-14
	10 Kits	200pcs	TB12-1010	TB12-1310	TB12-1410



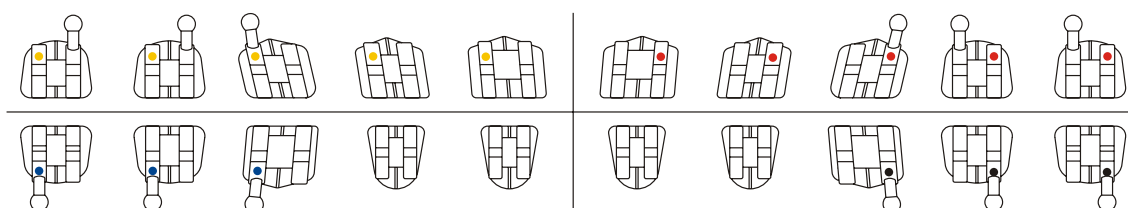
Metal Brackets ■

Gem Series Brackets

Standard Roth* Brackets

Gem series / 80 Mesh base/Regular size

Torque			-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip			0°	0°	+13°	+9°	+5°	+5°	+9°	+13°	0°	0°
In/out mm			0.9	0.9	0.9	1.4	0.9	0.9	1.4	0.9	0.9	0.9
Width mm			2.8	2.8	3.0	2.8	3.3	3.3	2.8	3.0	2.8	2.8
REF	18	Without hook	TB21-1014	TB21-1014	TB21-1013	TB21-1012	TB21-1011	TB21-1021	TB21-1022	TB21-1023	TB21-1024	TB21-1024
		With hook	TB21-1114	TB21-1114	TB21-1113	—	—	—	—	TB21-1123	TB21-1124	TB21-1124
	22	Without hook	TB22-1014	TB22-1014	TB22-1013	TB22-1012	TB22-1011	TB22-1021	TB22-1022	TB22-1023	TB22-1024	TB22-1024
		With hook	TB22-1114	TB22-1114	TB22-1113	—	—	—	—	TB22-1123	TB22-1124	TB22-1124
Single Packs			10	10	10	10	10	10	10	10	10	10



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	1.3	1.3	1.3	1.3	0.9	0.9	0.9
Width mm			2.8	2.8	3.0	2.4	2.4	2.4	2.4	3.0	2.8	2.8
REF	18	Without hook	TB21-1045	TB21-1044	TB21-1043	TB21-1031	TB21-1031	TB21-1031	TB21-1031	TB21-1033	TB21-1034	TB21-1035
		With hook	TB21-1145	TB21-1144	TB21-1143	—	—	—	—	TB21-1133	TB21-1134	TB21-1135
	22	Without hook	TB22-1045	TB22-1044	TB22-1043	TB22-1031	TB22-1031	TB22-1031	TB22-1031	TB22-1033	TB22-1034	TB22-1035
		With hook	TB22-1145	TB22-1144	TB22-1143	—	—	—	—	TB22-1133	TB22-1134	TB22-1135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB21-10	TB21-13	TB21-14
	10 Kits	200pcs	TB21-1010	TB21-1310	TB21-1410
22	1 Kit	20pcs	TB22-10	TB22-13	TB22-14
	10 Kits	200pcs	TB22-1010	TB22-1310	TB22-1410



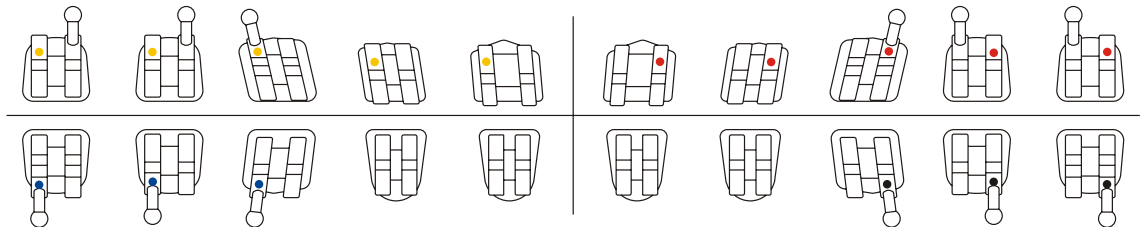
*ORJ's version of Roth is not claimed to be a duplication of any other, nor does ORJ imply that it is endorsed in any way by Dr. Roth.



Standard Sliding-MBT* Brackets

Gem series / 80 Mesh base/Regular size

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			1.1	0.8	0.7	1.3	0.8	0.8	1.3	0.7	0.8	1.1
Width mm			3.0	3.0	3.0	3.0	3.6	3.6	3.0	3.0	3.0	3.0
REF	18	Without hook	TB31-1015	TB31-1014	TB31-1013	TB31-1012	TB31-1011	TB31-1021	TB31-1022	TB31-1023	TB31-1024	TB31-1025
		With hook	TB31-1115	TB31-1114	TB31-1113	—	—	—	—	TB31-1123	TB31-1124	TB31-1125
	22	Without hook	TB32-1015	TB32-1014	TB32-1013	TB32-1012	TB32-1011	TB32-1021	TB32-1022	TB32-1023	TB32-1024	TB32-1025
		With hook	TB32-1115	TB32-1114	TB32-1113	—	—	—	—	TB32-1123	TB32-1124	TB32-1125
Single Packs			10	10	10	10	10	10	10	10	10	10



Torque			-17°	-12°	-6°※	-6°	-6°	-6°	-6°	-6°※	-12°	-17°
Tip			2°	2°	+3°	0°	0°	0°	0°	+3°	2°	2°
In/out mm			0.7	0.7	0.7	1.3	1.3	1.3	1.3	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	TB31-1045	TB31-1044	TB31-1043	TB31-1041	TB31-1041	TB31-1031	TB31-1031	TB31-1033	TB31-1034	TB31-1035
		With hook	TB31-1145	TB31-1144	TB31-1143	—	—	—	—	TB31-1133	TB31-1134	TB31-1135
	22	Without hook	TB32-1045	TB32-1044	TB32-1043	TB32-1041	TB32-1041	TB32-1031	TB32-1031	TB32-1033	TB32-1034	TB32-1035
		With hook	TB32-1145	TB32-1144	TB32-1143	—	—	—	—	TB32-1133	TB32-1134	TB32-1135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB31-10	TB31-13	TB31-14
	10 Kits	200pcs	TB31-1010	TB31-1310	TB31-1410
22	1 Kit	20pcs	TB32-10	TB32-13	TB32-14
	10 Kits	200pcs	TB32-1010	TB32-1310	TB32-1410



*These are ORJ's versions of techniques and do not imply or indicate any endorsement by Drs. McLaughlin, Bennett and Trevisi.



Maxillary



Mandibular



Upper & Lower

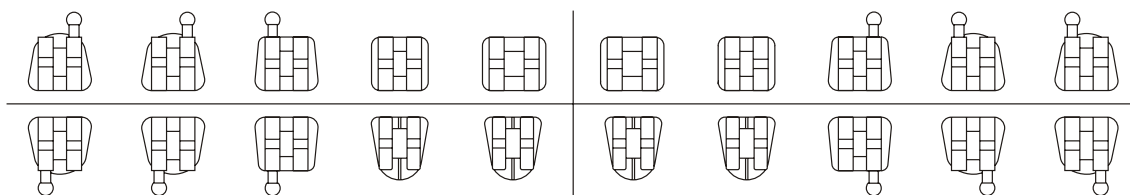
Metal Brackets ■

Gem Series Brackets

Mini Edge-wise Brackets

Gem series / 80 Mesh base/Mini size

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		0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	
Width mm		2.6	2.6	2.6	2.6	3.0	3.0	2.6	2.6	2.6	2.6	
REF	18	Without hook	TB11-2014	TB11-2014	TB11-2013	TB11-2012	TB11-2011	TB11-2011	TB11-2012	TB11-2013	TB11-2014	TB11-2014
		With hook	TB11-2114	TB11-2114	TB11-2113	—	—	—	—	TB11-2123	TB11-2124	TB11-2124
	22	Without hook	TB12-2014	TB12-2014	TB12-2013	TB12-2012	TB12-2011	TB12-2011	TB12-2012	TB12-2013	TB12-2014	TB12-2014
		With hook	TB12-2114	TB12-2114	TB12-2113	—	—	—	—	TB12-2123	TB12-2124	TB12-2124
Single Packs		10	10	10	10	10	10	10	10	10	10	



Torque			0°	0°	0°	0°	0°	0°	0°	0°	0°		
Tip			0°	0°	0°	0°	0°	0°	0°	0°	0°		
In/out mm			0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85		
Width mm			2.6	2.6	2.6	2.4	2.4	2.4	2.4	2.6	2.6		
REF	18	Without hook	TB11-2014	TB11-2014	TB11-2013	TB11-2031	TB11-2031	TB11-2031	TB11-2031	TB11-2031	TB11-2014	TB11-2014	
		With hook	TB11-2114	TB11-2114	TB11-2123	—	—	—	—	TB11-2113	TB11-2124	TB11-2124	
	22	Without hook	TB12-2014	TB12-2014	TB12-2013	TB12-2031	TB12-2031	TB12-2031	TB12-2031	TB12-2031	TB12-2013	TB12-2014	TB12-2014
		With hook	TB12-2114	TB12-2114	TB12-2123	—	—	—	—	TB12-2113	TB12-2124	TB12-2124	
Single Packs			10	10	10	10	10	10	10	10	10	10	

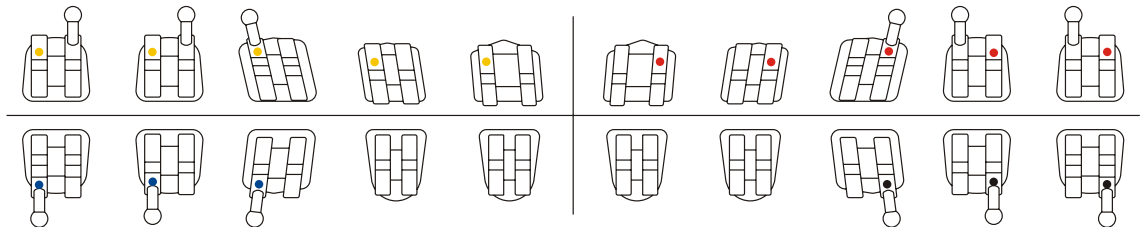
Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB11-20	TB11-23	TB11-24
	10 Kits	200pcs	TB11-2010	TB11-2310	TB11-2410
22	1 Kit	20pcs	TB12-20	TB12-23	TB12-24
	10 Kits	200pcs	TB12-2010	TB12-2310	TB12-2410



Mini Roth* Brackets

Gem series / 80 Mesh base/Mini size

Torque			-7°	-7°	-2°	+8°	+12°	+12°	+8°	-2°	-7°	-7°
Tip			0°	0°	+13°	+9°	+5°	+5°	+9°	+13°	0°	0°
In/out mm			0.8	0.8	0.8	1.3	0.8	0.8	1.3	0.8	0.8	0.8
Width mm			2.6	2.6	2.8	2.6	3.0	3.0	2.6	2.8	2.6	2.6
REF	18	Without hook	TB21-2014	TB21-2014	TB21-2013	TB21-2012	TB21-2011	TB21-2021	TB21-2022	TB21-2023	TB21-2024	TB21-2024
		With hook	TB21-2114	TB21-2114	TB21-2113	—	—	—	—	TB21-2123	TB21-2124	TB21-2124
	22	Without hook	TB22-2014	TB22-2014	TB22-2013	TB22-2012	TB22-2011	TB22-2021	TB22-2022	TB22-2023	TB22-2024	TB22-2024
		With hook	TB22-2114	TB22-2114	TB22-2113	—	—	—	—	TB22-2123	TB22-2124	TB22-2124
Single Packs			10	10	10	10	10	10	10	10	10	10



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	1.2	1.2	1.2	1.2	0.8	0.8	0.8
Width mm			2.6	2.6	2.8	2.4	2.4	2.4	2.4	2.8	2.6	2.6
REF	18	Without hook	TB21-2045	TB21-2044	TB21-2043	TB21-2031	TB21-2031	TB21-2031	TB21-2031	TB21-2033	TB21-2034	TB21-2035
		With hook	TB21-2145	TB21-2144	TB21-2143	—	—	—	—	TB21-2133	TB21-2134	TB21-2135
	22	Without hook	TB22-2045	TB22-2044	TB22-2043	TB22-2031	TB22-2031	TB22-2031	TB22-2031	TB22-2033	TB22-2034	TB22-2035
		With hook	TB22-2145	TB22-2144	TB22-2143	—	—	—	—	TB22-2133	TB22-2134	TB22-2135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB21-20	TB21-23	TB21-24
	10 Kits	200pcs	TB21-2010	TB21-2310	TB21-2410
22	1 Kit	20pcs	TB22-20	TB22-23	TB22-24
	10 Kits	200pcs	TB22-2010	TB22-2310	TB22-2410



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Maxillary



Mandibular



Upper & Lower

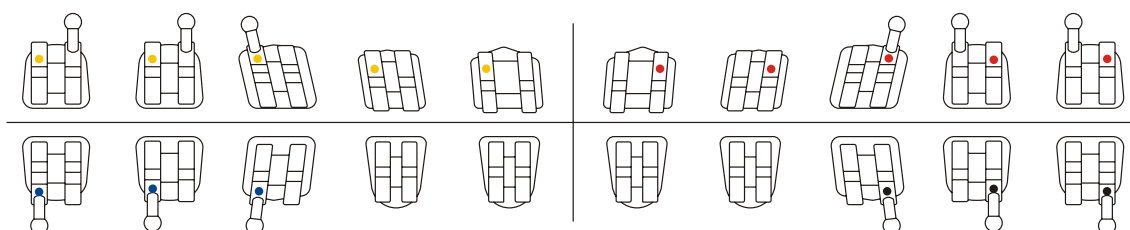
Metal Brackets ■

Gem Series Brackets

Mini Sliding-MBT* Brackets

Gem series / 80 Mesh base/Mini size

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	0.7	1.2	0.8	0.8	1.2	0.7	0.8	0.8
Width mm			2.8	2.8	3.0	2.8	3.4	3.4	2.8	3.0	2.8	2.8
REF	18	Without hook	TB31-2014	TB31-2014	TB31-2013	TB31-2012	TB31-2011	TB31-2021	TB31-2022	TB31-2023	TB31-2024	TB31-2024
		With hook	TB31-2114	TB31-2114	TB31-2113	—	—	—	—	TB31-2123	TB31-2124	TB31-2124
	22	Without hook	TB32-2014	TB32-2014	TB32-2013	TB32-2012	TB32-2011	TB32-2021	TB32-2022	TB32-2023	TB32-2024	TB32-2024
		With hook	TB32-2114	TB32-2114	TB32-2113	—	—	—	—	TB32-2123	TB32-2124	TB32-2124
Single Packs			10	10	10	10	10	10	10	10	10	10



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	1.2	1.2	1.2	1.2	0.7	0.7	0.7
Width mm			2.8	2.8	3.0	2.4	2.4	2.4	2.4	3.0	2.8	2.8
REF	18	Without hook	TB31-2045	TB31-2044	TB31-2043	TB31-2041	TB31-2041	TB31-2031	TB31-2031	TB31-2033	TB31-2034	TB31-2035
		With hook	TB31-2145	TB31-2144	TB31-2143	—	—	—	—	TB31-2133	TB31-2134	TB31-2135
	22	Without hook	TB32-2045	TB32-2044	TB32-2043	TB32-2041	TB32-2041	TB32-2031	TB32-2031	TB32-2033	TB32-2034	TB32-2035
		With hook	TB32-2145	TB32-2144	TB32-2143	—	—	—	—	TB32-2133	TB32-2134	TB32-2135
Single Packs			10	10	10	10	10	10	10	10	10	10

Slot Size	Assortments Packs	Quantity	Without hook	Cuspid With hook	3,4,5 With hooks
18	1 Kit	20pcs	TB31-20	TB31-23	TB31-24
	10 Kits	200pcs	TB31-2010	TB31-2310	TB31-2410
22	1 Kit	20pcs	TB32-20	TB32-23	TB32-24
	10 Kits	200pcs	TB32-2010	TB32-2310	TB32-2410



*These are ORJ's versions of techniques and do not imply or indicate any endorsement by Drs. McLaughlin, Bennett and Trevisi.

