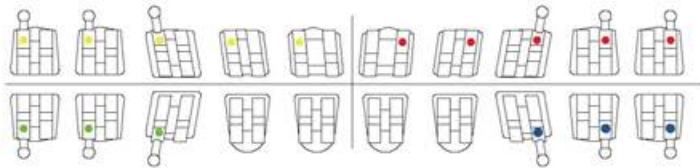


# BRACKET SYSTEMS

## Helio Brackets



### BRACKET I.D. CHART



- Metal Injection Molding (MIM) for smooth and non-deformable slot
- A 80 gauge mesh

### Helio series Edgewise standard bracket kits

	.018 in.	.022 in.
U/L 5x5	KIT14-111-00	KIT14-121-00
U/L 5x5 Hook on 3	KIT14-111-00CHK	KIT14-121-00CHK
U/L 5x5 Hook on 3, 4 & 5	KIT14-111-00CBCHK	KIT14-121-00CBCHK

#### MAXILLARY

#### Edgewise Standard

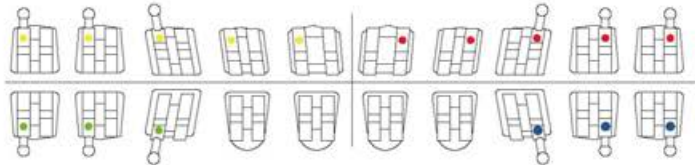
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	0°	0°	0°	3.2	UR	●	-	14-111-11	14-121-11
					UL	●	-	14-111-21	14-121-21
Lateral (U2)	0°	0°	0°	2.8	UR	●	-	14-111-12	14-121-12
					UL	●	-	14-111-22	14-121-22
Cuspid (U3)	0°	0°	0°	2.8	UR	●	-	14-111-13	14-121-13
					UL	●	-	14-111-23	14-121-23
					UR	●	D	14-111-13HK	14-121-13HK
					UL	●	D	14-111-23HK	14-121-23HK
Bicuspid (U4)	0°	0°	0°	2.8	UR	●	-	14-111-14	14-121-14
					UL	●	-	14-111-24	14-121-24
					UR	●	D	14-111-14HK	14-121-14HK
					UL	●	D	14-111-24HK	14-121-24HK
Bicuspid (U5)	0°	0°	0°	2.8	UR	●	-	14-111-15	14-121-15
					UL	●	-	14-111-25	14-121-25
					UR	●	D	14-111-15HK	14-121-15HK
					UL	●	D	14-111-25HK	14-121-25HK

#### MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	0°	0°	0°	2.4	LR	●	-	14-111-41	14-121-41
					LL	●	-	14-111-31	14-121-31
Anteriors (L2)	0°	0°	0°	2.4	LR	●	-	14-111-42	14-121-42
					LL	●	-	14-111-32	14-121-32
Cuspid (L3)	0°	0°	0°	2.8	LR	●	-	14-111-43	14-121-43
					LL	●	-	14-111-33	14-121-33
					LR	●	D	14-111-43HK	14-121-43HK
					LL	●	D	14-111-33HK	14-121-33HK
1st Bicuspid (L4)	0°	0°	0°	2.8	LR	●	-	14-111-44	14-121-44
					LL	●	-	14-111-34	14-121-34
					LR	●	D	14-111-44HK	14-121-44HK
					LL	●	D	14-111-34HK	14-121-34HK
2nd Bicuspid (L5)	0°	0°	0°	2.8	LR	●	-	14-111-45	14-121-45
					LL	●	-	14-111-35	14-121-35
					LR	●	D	14-111-45HK	14-121-45HK
					LL	●	D	14-111-35HK	14-121-35HK



### BRACKET I.D. CHART



### Helio series Edgewise mini bracket kits

	.018 in.	.022 in.
U/L 5×5	KIT14-112-00	KIT14-122-00
U/L 5×5 Hook on 3	KIT14-112-00CHK	KIT14-122-00CHK
U/L 5×5 Hook on 3, 4 & 5	KIT14-112-00CBCHK	KIT14-122-00CBCHK

#### MAXILLARY

#### Edgewise Mini

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	0°	0°	0°	3	UR	●	-	14-112-11	14-122-11
					UL	●	-	14-112-21	14-122-21
Lateral (U2)	0°	0°	0°	3	UR	●	-	14-112-12	14-122-12
					UL	●	-	14-112-22	14-122-22
Cuspid (U3)	0°	0°	0°	2.6	UR	●	-	14-112-13	14-122-13
					UL	●	-	14-112-23	14-122-23
					UR	●	D	14-112-13HK	14-122-13HK
					UL	●	D	14-112-23HK	14-122-23HK
Bicuspid (U4)	0°	0°	0°	2.6	UR	●	-	14-112-14	14-122-14
					UL	●	-	14-112-24	14-122-24
					UR	●	D	14-112-14HK	14-122-14HK
					UL	●	D	14-112-24HK	14-122-24HK
Bicuspid (U5)	0°	0°	0°	2.6	UR	●	-	14-112-15	14-122-15
					UL	●	-	14-112-25	14-122-25
					UR	●	D	14-112-15HK	14-122-15HK
					UL	●	D	14-112-25HK	14-122-25HK

#### MANDIBULAR

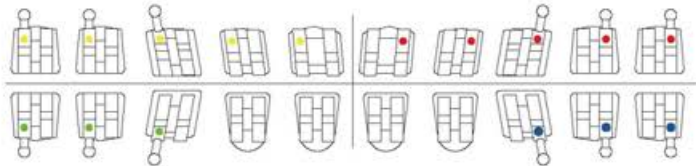
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	0°	0°	0°	2.4	LR	●	-	14-112-41	14-122-41
					LL	●	-	14-112-31	14-122-31
Anteriors (L2)	0°	0°	0°	2.4	LR	●	-	14-112-42	14-122-42
					LL	●	-	14-112-32	14-122-32
Cuspid (L3)	0°	0°	0°	2.6	LR	●	-	14-112-43	14-122-43
					LL	●	-	14-112-33	14-122-33
					LR	●	D	14-112-43HK	14-122-43HK
					LL	●	D	14-112-33HK	14-122-33HK
1st Bicuspid (L4)	0°	0°	0°	2.6	LR	●	-	14-112-44	14-122-44
					LL	●	-	14-112-34	14-122-34
					LR	●	D	14-112-44HK	14-122-44HK
					LL	●	D	14-112-34HK	14-122-34HK
2nd Bicuspid (L5)	0°	0°	0°	2.6	LR	●	-	14-112-45	14-122-45
					LL	●	-	14-112-35	14-122-35
					LR	●	D	14-112-45HK	14-122-45HK
					LL	●	D	14-112-35HK	14-122-35HK

# BRACKET SYSTEMS

## Helio Brackets



### BRACKET I.D. CHART



### Helio series Roth\* standard bracket kits

	.018 in.	.022 in.
U/L 5x5	KIT14-211-00	KIT14-221-00
U/L 5x5 Hook on 3	KIT14-211-00CHK	KIT14-221-00CHK
U/L 5x5 Hook on 3, 4 & 5	KIT14-211-00CBCHK	KIT14-221-00CBCHK

#### MAXILLARY

#### Roth\* Standard

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	+12°	+5°	0°	3.3	UR	●	-	14-211-11	14-221-11
								14-211-21	14-221-21
Lateral (U2)	+8°	+9°	0°	2.8	UR	●	-	14-211-12	14-221-12
								14-211-22	14-221-22
Cuspid (U3)	-2°	+13°	0°	3	UR	●	-	14-211-13	14-221-13
								14-211-23	14-221-23
					UR	●	D	14-211-13HK	14-221-13HK
								14-211-23HK	14-221-23HK
Bicuspid (U4)	-7°	0°	0°	2.8	UR	●	-	14-211-14	14-221-14
								14-211-24	14-221-24
					UR	●	D	14-211-14HK	14-221-14HK
								14-211-24HK	14-221-24HK
Bicuspid (U5)	-7°	0°	0°	2.8	UR	●	-	14-211-15	14-221-15
								14-211-25	14-221-25
					UR	●	D	14-211-15HK	14-221-15HK
								14-211-25HK	14-221-25HK

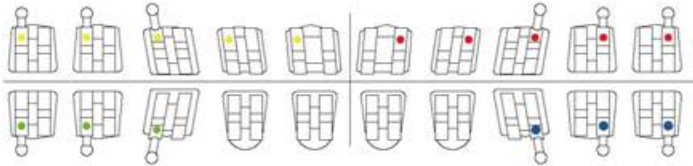
#### MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	-1°	+2°	0°	2.4	LR	●	-	14-211-41	14-221-41
								14-211-31	14-221-31
Anteriors (L2)	-1°	+2°	0°	2.4	LR	●	-	14-211-42	14-221-42
								14-211-32	14-221-32
Cuspid (L3)	-11°	+7°	0°	3	LR	●	-	14-211-43	14-221-43
								14-211-33	14-221-33
					LR	●	D	14-211-43HK	14-221-43HK
								14-211-33HK	14-221-33HK
1st Bicuspid (L4)	-17°	-1°	0°	2.8	LR	●	-	14-211-44	14-221-44
								14-211-34	14-221-34
					LR	●	D	14-211-44HK	14-221-44HK
								14-211-34HK	14-221-34HK
2nd Bicuspid (L5)	-22°	-1°	0°	2.8	LR	●	-	14-211-45	14-221-45
								14-211-35	14-221-35
					LR	●	D	14-211-45HK	14-221-45HK
								14-211-35HK	14-221-35HK





### BRACKET I.D. CHART



### Helio series Roth\* mini bracket kits

	.018 in.	.022 in.
U/L 5x5	KIT14-212-00	KIT14-222-00
U/L 5x5 Hook on 3	KIT14-212-00CHK	KIT14-222-00CHK
U/L 5x5 Hook on 3, 4 & 5	KIT14-212-00CBCHK	KIT14-222-00CBCHK

#### MAXILLARY

#### Roth\* Mini

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	+12°	+5°	0°	3	UR	●	-	14-212-11	14-222-11
					UL	●	-	14-212-21	14-222-21
Lateral (U2)	+8°	+9°	0°	2.8	UR	●	-	14-212-12	14-222-12
					UL	●	-	14-212-22	14-222-22
Cuspid (U3)	-2°	+13°	0°	2.8	UR	●	-	14-212-13	14-222-13
					UL	●	-	14-212-23	14-222-23
					UR	●	D	14-212-13HK	14-222-13HK
					UL	●	D	14-212-23HK	14-222-23HK
Bicuspid (U4)	-7°	0°	0°	2.6	UR	●	-	14-212-14	14-222-14
					UL	●	-	14-212-24	14-222-24
					UR	●	D	14-212-14HK	14-222-14HK
					UL	●	D	14-212-24HK	14-222-24HK
Bicuspid (U5)	-7°	0°	0°	2.6	UR	●	-	14-212-15	14-222-15
					UL	●	-	14-212-25	14-222-25
					UR	●	D	14-212-15HK	14-222-15HK
					UL	●	D	14-212-25HK	14-222-25HK

#### MANDIBULAR

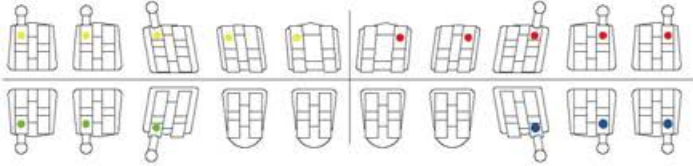
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	-1°	+2°	0°	2.4	LR	●	-	14-212-41	14-222-41
					LL	●	-	14-212-31	14-222-31
Anteriors (L2)	-1°	+2°	0°	2.4	LR	●	-	14-212-42	14-222-42
					LL	●	-	14-212-32	14-222-32
Cuspid (L3)	-11°	+7°	0°	2.8	LR	●	-	14-212-43	14-222-43
					LL	●	-	14-212-33	14-222-33
					LR	●	D	14-212-43HK	14-222-43HK
					LL	●	D	14-212-33HK	14-222-33HK
1st Bicuspid (L4)	-17°	-1°	0°	2.6	LR	●	-	14-212-44	14-222-44
					LL	●	-	14-212-34	14-222-34
					LR	●	D	14-212-44HK	14-222-44HK
					LL	●	D	14-212-34HK	14-222-34HK
2nd Bicuspid (L5)	-22°	-1°	0°	2.6	LR	●	-	14-212-45	14-222-45
					LL	●	-	14-212-35	14-222-35
					LR	●	D	14-212-45HK	14-222-45HK
					LL	●	D	14-212-35HK	14-222-35HK

# BRACKET SYSTEMS

## Helio Brackets



### BRACKET I.D. CHART



### Helio series McBeTr\* standard bracket kits

	.018 in.	.022 in.
U/L 5x5	KIT14-311-00	KIT14-321-00
U/L 5x5 Hook on 3	KIT14-311-00CHK	KIT14-321-00CHK
U/L 5x5 Hook on 3, 4 & 5	KIT14-311-00CBCHK	KIT14-321-00CBCHK

#### MAXILLARY

#### McBeTr\* Standard

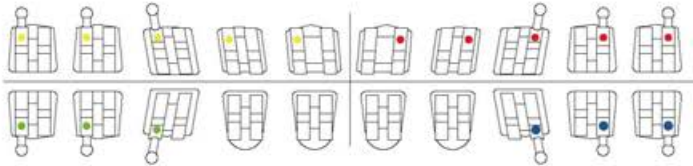
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	+17°	+4°	0°	3.4	UR	●	-	14-311-11	14-321-11
					UL	●	-	14-311-21	14-321-21
Lateral (U2)	+10°	+8°	0°	3	UR	●	-	14-311-12	14-321-12
					UL	●	-	14-311-22	14-321-22
Cuspid (U3)	-7°	+8°	0°	3	UR	●	-	14-311-13	14-321-13
					UL	●	-	14-311-23	14-321-23
					UR	●	D	14-311-13HK	14-321-13HK
					UL	●	D	14-311-23HK	14-321-23HK
Bicuspid (U4)	-7°	0°	0°	3	UR	●	-	14-311-14	14-321-14
					UL	●	-	14-311-24	14-321-24
					UR	●	D	14-311-14HK	14-321-14HK
					UL	●	D	14-311-24HK	14-321-24HK
Bicuspid (U5)	-7°	0°	0°	3	UR	●	-	14-311-15	14-321-15
					UL	●	-	14-311-25	14-321-25
					UR	●	D	14-311-15HK	14-321-15HK
					UL	●	D	14-311-25HK	14-321-25HK

#### MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	-6°	0°	0°	2.4	LR	●	-	14-311-41	14-321-41
					LL	●	-	14-311-31	14-321-31
Anteriors (L2)	-6°	0°	0°	2.4	LR	●	-	14-311-42	14-321-42
					LL	●	-	14-311-32	14-321-32
Cuspid (L3)	-6°	+3°	0°	3	LR	●	-	14-311-43	14-321-43
					LL	●	-	14-311-33	14-321-33
					LR	●	D	14-311-43HK	14-321-43HK
					LL	●	D	14-311-33HK	14-321-33HK
1st Bicuspid (L4)	-12°	+2°	0°	3	LR	●	-	14-311-44	14-321-44
					LL	●	-	14-311-34	14-321-34
					LR	●	D	14-311-44HK	14-321-44HK
					LL	●	D	14-311-34HK	14-321-34HK
2nd Bicuspid (L5)	-17°	+2°	0°	3	LR	●	-	14-311-45	14-321-45
					LL	●	-	14-311-35	14-321-35
					LR	●	D	14-311-45HK	14-321-45HK
					LL	●	D	14-311-35HK	14-321-35HK



### BRACKET I.D. CHART



### Helio series McBeTr\* mini bracket kits

	.018 in.	.022 in.
U/L 5x5	KIT14-312-00	KIT14-322-00
U/L 5x5 Hook on 3	KIT14-312-00CHK	KIT14-322-00CHK
U/L 5x5 Hook on 3, 4 & 5	KIT14-312-00CBCHK	KIT14-322-00CBCHK

#### MAXILLARY

#### McBeTr\* Mini

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Central (U1)	+17°	+4°	0°	3.4	UR	●	-	14-312-11	14-322-11
					UL	●	-	14-312-21	14-322-21
Lateral (U2)	+10°	+8°	0°	3	UR	●	-	14-312-12	14-322-12
					UL	●	-	14-312-22	14-322-22
Cuspid (U3)	-7°	+8°	0°	3	UR	●	-	14-312-13	14-322-13
					UL	●	-	14-312-23	14-322-23
					UR	●	D	14-312-13HK	14-322-13HK
					UL	●	D	14-312-23HK	14-322-23HK
Bicuspid (U4)	-7°	0°	0°	3	UR	●	-	14-312-14	14-322-14
					UL	●	-	14-312-24	14-322-24
					UR	●	D	14-312-14HK	14-322-14HK
					UL	●	D	14-312-24HK	14-322-24HK
Bicuspid (U5)	-7°	0°	0°	3	UR	●	-	14-312-15	14-322-15
					UL	●	-	14-312-25	14-322-25
					UR	●	D	14-312-15HK	14-322-15HK
					UL	●	D	14-312-25HK	14-322-25HK

#### MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number	
								.018	.022
Anteriors (L1)	-6°	0°	0°	2.4	LR	●	-	14-312-41	14-322-41
					LL	●	-	14-312-31	14-322-31
Anteriors (L2)	-6°	0°	0°	2.4	LR	●	-	14-312-42	14-322-42
					LL	●	-	14-312-32	14-322-32
Cuspid (L3)	-6°	+3°	0°	3	LR	●	-	14-312-43	14-322-43
					LL	●	-	14-312-33	14-322-33
					LR	●	D	14-312-43HK	14-322-43HK
					LL	●	D	14-312-33HK	14-322-33HK
1st Bicuspid (L4)	-12°	+2°	0°	3	LR	●	-	14-312-44	14-322-44
					LL	●	-	14-312-34	14-322-34
					LR	●	D	14-312-44HK	14-322-44HK
					LL	●	D	14-312-34HK	14-322-34HK
2nd Bicuspid (L5)	-17°	+2°	0°	3	LR	●	-	14-312-45	14-322-45
					LL	●	-	14-312-35	14-322-35
					LR	●	D	14-312-45HK	14-322-45HK
					LL	●	D	14-312-35HK	14-322-35HK

\* 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.