



Aurora

CRYSTAL CLEAR
POLYCRYSTALLINE



pure polycrystalline alumina oxide for hardness and high flexural strength

significantly less tie wing fracture than "Radiance-Plus" or "Inspire Ice" mono-crystalline brackets

rounded tie wing and base corners for patient comfort

no glare
no staining
no abrasion
high shock resistance

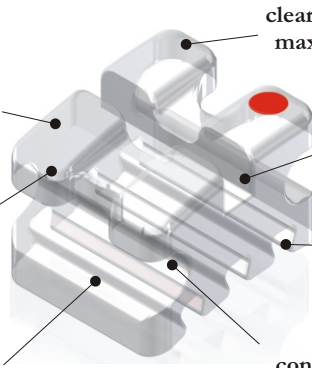
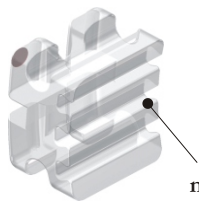
mechanical lock micro porous "dove tail" base for increased retention and simple, easy de-bonding

clear, invisible look for maximum aesthetics

45% lower slot friction than conventional mono-crystalline "sapphire" brackets

compound contour base with torque in base for level slot alignment and accurate finishing

contoured tie wings offer ample room for easy bracket ligation



MBT
MAXILLARY Torque Ang M/D(mm)

CENTRAL	17	4	3.1
LATERAL	10	8	3.0
CUSPID	-7/0	8	3.1
BICUSPIDS	-7	0	3.1

MANDIBULAR Torque Ang M/D(mm)

ANTERIORS	-6	0	3.0
CUSPID	-6/0	3	3.1
1 BICUSPID	-12	0	3.1
2 BICUSPID	-17	0	3.1

ROTH
MAXILLARY Torque Ang Rotation M/D(mm)

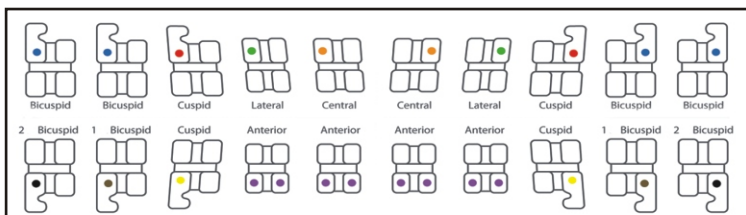
CENTRAL	12	5	0	3.1
LATERAL	8	9	0	3.0
CUSPID	0	11	+4	3.1
BICUSPID	-7	0	0	3.1

MANDIBULAR Torque Ang Rotation M/D(mm)

ANTERIORS	0	0	0	3.0
CUSPID	-11	5	+2	3.1
1 BICUSPID	-17	0	0	3.1
2 BICUSPID	-22	0	0	3.1



AURORA CRYSTAL CLEAR IDENTIFICATION



*No endorsement implied by Drs. McLaughlin, Bennett, Trevisis or Dr. Ron Roth

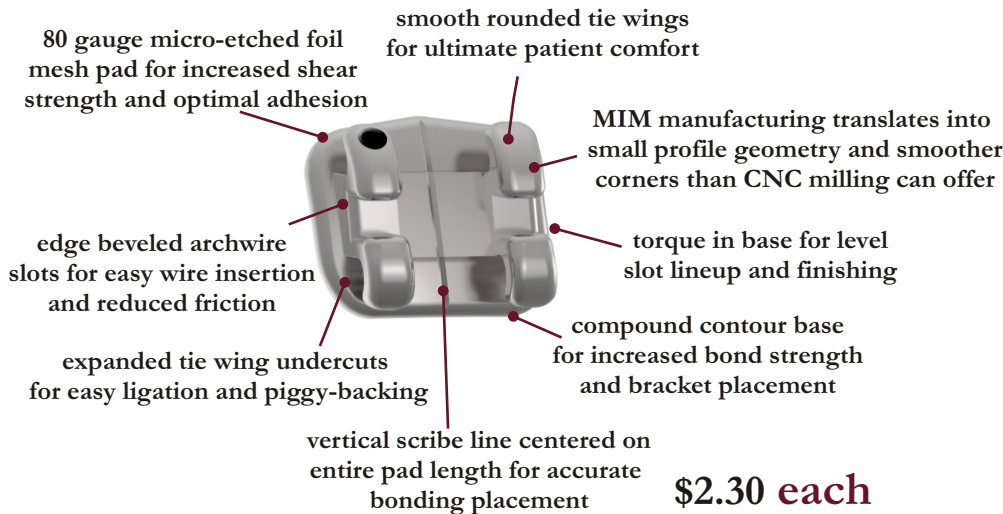
\$8.95 each

Aurora brackets are manufactured in the USA



OPTIMAL

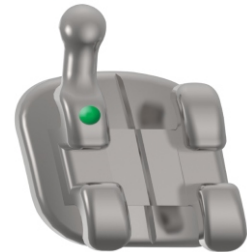
MIM twin bracket system



\$2.30 each
\$2.50 GOB

Optimal brackets are manufactured in the USA

intensive research and engineering produces accurate tooth morphology bracket design



optional gingival offset bicuspid on large bases minimize bond failures (GOB)

Manufacturing Notes

OPTIMAL true compound-contour brackets and bases feature tooth specific anatomy matching the middle one third of each tooth. The result is a more precise fit and an overall stronger bond.

OPTIMAL bracket and pad design provides concise visual placement references. Vertical aspects align parallel to the long axis of each tooth while horizontal aspects align parallel to the occlusal plane.

Torque-in-base further assists in placement as the center of the bracket slot and the center of the bonding base are always on the same plane.

Fully radiused slot contact points reduce binding of wires in rotational and vertical discrepancies.

Superior rotational control provided by fully proportioned mesial/distal bracket widths.

Level slot alignment plus torque-in-base reduces archwire finishing bends.

Chamfering of the slot entry points aids in placing full dimensioned archwires.

Available in .018 or .022 slot

MAXILLARY

Tooth	Torque	Angulation	In-Out (in)	M/D (mm)
Central	+17 / +12	+4 / +5	.038	3.5
Lateral	+10 / +8	+8 / +9	.048	3.0
Cuspid	-7 / 0	+8	.027	3.0
1 & 2 Bicuspid	-7	0	.035	3.0

SPECIFY optional hooks on cuspids and bicuspid
GOB available for bicuspid

MANDIBULAR

Tooth	Torque	Angulation	In-Out (in)	M/D(mm)
Anteriors	-6 / 0	0	.045	2.5
Cuspid	-6 / 0	+3	.030	3.0
1st Bicuspid	-12	+2	.034	3.0
2nd Bicuspid	-17	+2	.036	3.0

SPECIFY optional hooks on cuspids and bicuspid
GOB available for bicuspid

*No endorsement implied by Drs. McLaughlin, Bennett, Trevisi or Dr. Ron Roth