

Radiance<sup>®</sup>  
plus



# CLINICAL EXCELLENCE

An excellent choice for patients of any age, Radiance Plus® protects your time and the investment of your patient by ensuring compliance and predictable treatment outcomes even in the most complex cases. The sleek design of Radiance Plus not only enhances its beauty but also provides excellent patient comfort, accommodating even the most active lifestyles.

## TWIN FEATURES

Enlarged tie wing undercuts allow for easier elastic, ligature, and chain placement, providing you with the tie configuration options associated with traditional twin brackets.

## ROTATIONAL CONTROL

Radiance Plus is engineered with optimum mesial-distal width on the maxillary centrals and cuspids to deliver industry leading rotational control. This greater anterior control allows you to deliver accurate results without sacrificing aesthetics.

## PROVEN DURABILITY

Radiance Plus conveys strength in both body and base. A proprietary heat polishing process smooths away surface micro voids or flaws, the patented Quad Matte® base delivers a remarkably strong bond, and fortified tie wings mean less chance of bracket failure.





## CONTINUOUS TREATMENT

Radiance Plus is the 24 hour per day, 7 day a week treatment which not only ensures patient compliance but gives you the control to showcase your expertise. This worry-free performance allows your patients to focus on their beautiful new smile and enjoy the convenience of avoiding any awkward or unsanitary tray removal in social or professional settings.

Radiance Plus is resistant to stains, ensuring the brilliant appearance will last throughout treatment. Radiance Plus braces are as strong and durable as they are beautiful. The combination of beauty, strength, comfort, and worry-free performance creates incomparable value in a complete orthodontic package.



# TECHNICALLY BEAUTIFUL<sup>®</sup>

## AESTHETIC BRILLIANCE

Progressive technology and the aesthetic beauty of single crystal sapphire combine to create Radiance Plus, rated the clearest twin ceramic bracket available<sup>1</sup>. Second only to the diamond as the hardest substance in nature, the honed and heat polished sapphire crystal results in a strong and translucent bracket that is nearly undetectable on the teeth, regardless of tooth shade. No other ceramic system can match the aesthetics of Radiance Plus.

## SOLID CORE STRUCTURE

The monocrystalline formation gives Radiance Plus a solid core structure, as opposed to the randomly oriented strand structure found in polycrystalline brackets. A proprietary heat polishing process creates just enough energy to smooth away any surface micro voids or flaws that could compromise the bracket's integrity or appearance. This results in a sturdy bracket which resists torque fracture more than other polycrystalline brackets<sup>2</sup>.



<sup>1</sup>Lopes Filho, Hibernon, et al., 2012. Influence of optical properties of esthetic brackets (color, translucence, and fluorescence) on visual perception. American Journal of Orthodontics & Dentofacial Orthopedics. April 2012. 141(4): 460-467.

<sup>2</sup>AO Internal Testing, Data on file.

# PROVEN DESIGN

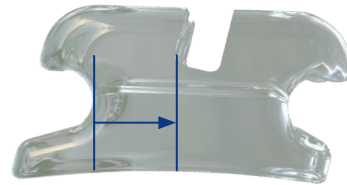
## QUAD MATTE® BASE

A patented Quad Matte® base gives Radiance Plus its amazing bond strength. This technology delivers a strong bond in the center of the bracket and a smooth perimeter to make the debonding process predictable and simple.



## DURABLE TIE WINGS

The robust tie wings on each Radiance Plus bracket enhance its solid body and the smooth radius on the base of each wing significantly reduces fracture risk. The design of the Radiance Plus tie wings also helps prevent torque loss during treatment.



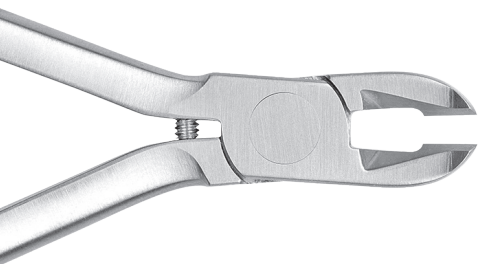
## PRECISE BRACKET PLACEMENT

Non-latex elastomeric Visual Placement Aids (VPAs) provide simple, accurate, and consistent bracket placement without the staining risk associated with other color coding systems. Each VPA is color coded to its specific tooth so bracket placement is obvious. After bonding, VPAs separate easily from the slot with pliers and leave no ink for the patient to brush away.



## CERAMIC BRACKET DEBONDING PLIERS (Sushi pliers) #001-017403

Debonding Radiance Plus is simple and predictable thanks to specially designed ceramic bracket debonding instruments. The blades of these "sushi" pliers are parallel when placed along the mesial and distal sides of the bracket. Only the upper surfaces of the tips are sharpened, focusing the debonding force at the bracket/enamel interface.



# Radiance®

plus



# PART NUMBERS

## McLaughlin, Bennett, Trevisi\* System

	Torq	Ang	Rot		M-D	R/L	No Hook	.018 Hook D-G	No Hook	.022 Hook D-G
Central	+17	+4	0		.140	R	002-7101	002-7103B	002-7131	002-7133B
						L	002-7102	002-7104B	002-7132	002-7134B
Lateral	+10	+8	0		.120	R	002-7103	002-7103B	002-7133	002-7133B
						L	002-7104	002-7104B	002-7134	002-7134B
Cuspid	0	+8	0	Hook D-G	.130	R	002-7105	002-7105B	002-7135	002-7135B
						L	002-7106	002-7106B	002-7136	002-7136B
	-7	+8	0	Hook D-G	.130	R	002-7107	002-7107B	002-7137	002-7137B
						L	002-7108	002-7108B	002-7138	002-7138B
1st & 2nd Bicuspid	-7	0	0	Hook D-G	.130	R	002-7109	002-7110B	002-7139	002-7140B
						L	002-7109	002-7111B	002-7139	002-7141B
Anteriors	-6	0	0	Bevel occlusal	.110	R/L	002-7112		002-7142	
	0	0	0	Bevel occlusal	.110	R/L	002-7210		002-7230	
Cuspid	-6	+3	0	Hook D-G	.130	R	002-7115	002-7115B	002-7145	002-7145B
						L	002-7116	002-7116B	002-7146	002-7146B
	0	+3	0	Hook D-G	.130	R	002-7113	002-7113B	002-7143	002-7143B
						L	002-7114	002-7114B	002-7144	002-7144B
1st Bicuspid	-12	+2	0	Hook D-G	.130	R	002-7117	002-7117B	002-7147	002-7147B
						L	002-7118	002-7118B	002-7148	002-7148B
2nd Bicuspid	-17	+2	0	Hook D-G	.130	R	002-7119	002-7119B	002-7149	002-7149B
						L	002-7120	002-7120B	002-7150	002-7150B

## Compatible with a Roth\* System

	Torq	Ang	Rot		M-D	R/L	No hook	.018 With hook	No hook	.022 With hook
Central	+12	+5	0		.140	R	002-7201	002-7201B	002-7221	002-7221B
						L	002-7202	002-7202B	002-7222	002-7222B
Lateral	+8	+9	0		.120	R	002-7203	002-7103B	002-7223	002-7133B
						L	002-7204	002-7104B	002-7224	002-7134B
Cuspid	0	+10	0		.130	R	002-7205	002-7205B	002-7225	002-7225B
						L	002-7206	002-7206B	002-7226	002-7226B
	-2	+10	4 anti	Hook D-G	.130	R		002-7205B		002-7225B
						L		002-7206B		002-7226B
	-2	+7	4 anti	Hook D-G	.130	R		002-7207B		002-7227B
						L		002-7208B		002-7228B
1st & 2nd Bicuspid	-7	0	0	Hook D-G	.130	R	002-7109	002-7110B	002-7139	002-7140B
						L	002-7109	002-7111B	002-7139	002-7141B
Anteriors	0	0	0	Bevel occlusal	.110	R/L	002-7210		002-7230	
Cuspid	-11	+7	0	Hook D-G	.130	R	002-7211	002-7211B	002-7231	002-7231B
						L	002-7212	002-7212B	002-7232	002-7232B
1st Bicuspid	-17	0	0	Hook D-G	.130	R	002-7213	002-7214B	002-7233	002-7234B
						L	002-7213	002-7215B	002-7233	002-7235B
2nd Bicuspid	-22	0	0	Hook D-G	.130	R	002-7216	002-7217B	002-7236	002-7237B
						L	002-7216	002-7218B	002-7236	002-7238B

# SINGLE PATIENT SETUPS

## McLaughlin, Bennett, Trevisi\* System

	.018	.022
Hooks on Cuspids		126-029963
Hooks on Cuspids, Upper Left Cuspids Torque = -7	126-032253	126-032254
Hooks on Cuspids, 1st & 2nd Bicuspids	126-029960	126-029964

## Compatible with a Roth\* System

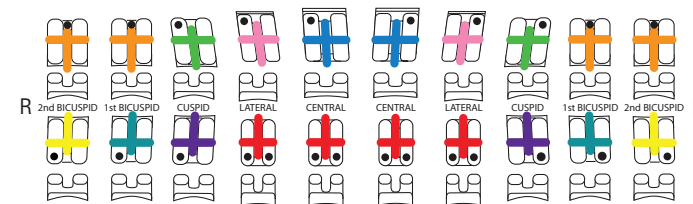
	.018	.022
Hooks on Cuspids		126-029965
Hooks on Cuspids, 1st & 2nd Bicuspids	126-029962	126-030777



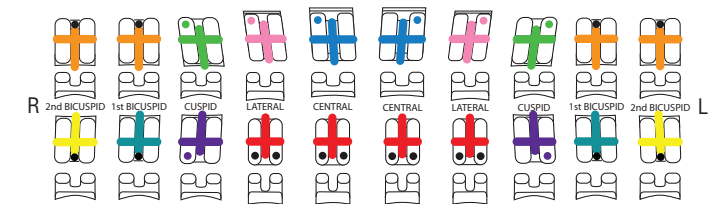
## BRACKET COLOR IDENTIFICATION

Visual Placement Aids (VPAs) are color coded to each specific tooth.

### A MCLAUGHLIN, BENNETT, TREVISI\* SYSTEM



### A ROTH\* SYSTEM



\*The American Orthodontics version of the Roth System is not claimed to be a duplication of any other, nor does American Orthodontics imply that it is endorsed in any way by Dr. Roth.

\*The American Orthodontics version of the McLaughlin, Bennett, Trevisi System is not claimed to be a duplication of any other, nor does American Orthodontics imply that it is endorsed in any way by Drs. McLaughlin, Bennett, or Trevisi.

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