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METAL BRACKET SYSTEMS



TP Orthodontics, Inc.
tportho.com
cosmeticbraces.com

METAL BRACKET SYSTEMS

Nu-Edge® Self-Ligating

- Roth
- MBT

Nu-Edge® Mini Cobalt Chromium

- Roth
- MBT

Nu-Edge® Cobalt Chromium

- Roth
- MBT
- BioTech
- High Torque

Nu-Edge® lite with Pre-Applied Adhesive

- MBT

Straight-Edge® Stainless Steel

- Roth
- Andrews
- Ricketts

Tip-Edge PLUS® Stainless Steel

Tip-Edge® Rx-I Stainless Steel

Advant-Edge® Stainless Steel

- Andrews
- Ricketts
- Roth

Twin-Edge® Stainless Steel

- Standard Edgewise

Nu-Edge® Cobalt Chromium Brackets

Setting New Standards for Low Friction

Nu-Edge brackets set the standard for all metal brackets, with friction levels lower than stainless steel brackets of similar design.¹ Nu-Edge brackets are the first orthodontic appliances to be made of cobalt chromium (CoCr), which provides several advantages over stainless steel:

- CoCr is a hard alloy preventing archwire slot collapse due to occlusal stress.
- Brackets are cast rather than milled for superior smoothness.
- CoCr is 99.9% nickel-free and biocompatible for sensitive patients.



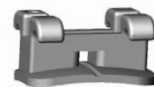
Enhanced Bond Strength, Simplified Clean-Up and Longer Shelf Life

Nu-Edge brackets are coated with a patented PrimeKote® polymer interface to improve bond strength. Brackets treated with PrimeKote have been shown to retain initial bond strength even after two years.² PrimeKote creates a chemical bond so that adhesive clings to the base of the bracket at debonding.³

Because PrimeKote is used to treat the entire bracket surface, the metal resists humidity. In vitro testing shows that, compared to a bracket made of 17-4 PH stainless steel, Nu-Edge brackets (made of ASTM F-75 CoCr) showed no corrosion, while steel brackets had significant corrosion potential.⁴

Vertical Slot

Some prescriptions are available with vertical slots that accept auxiliaries up to 0.46mm (.018"). Recommended auxiliaries are Power Pins, Rotating Springs and Individual Root Torquing Auxiliaries.



With Vertical Slot



Without Vertical Slot

Nu-Edge and TPO Ceramic Brackets: A Perfect Pair

Nu-Edge cobalt chromium and TPO ceramic brackets now come together in combination kits for an affordable aesthetic option.

- TPO ceramic brackets are injection molded for exceptional strength and smoothness, with friction values comparable to Nu-Edge cobalt chromium brackets.
- Economy combination kits provide beauty and performance in a simple, cost-effective package.

¹ Redlich M, Mayer Y, Harari D, Lweinstein I. In vitro study of frictional forces during sliding mechanics of reduced friction brackets. Am J Orthod Dentofacial Orthop July 2003; Vol 124:p.69-73.

² Devanathan, D. PrimeKote: A method to improve bracket bond durability. TP Orthodontics, Inc., 1999.

^{3,4} Devanathan, D and Chudzynski, J. Technical evaluation of a new orthodontic bracket. TP Orthodontics, Inc., 1997.

Nu-Edge® Self-Ligating Cobalt Chromium Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

PATIENT KITS

Slot Size	With Hooks	
0.46mm (.018")	Cuspid/Bicuspid	293-106SL
0.56mm (.022")	Cuspid/Bicuspid	293-107SL

Kits contain 20 brackets.



MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable
Central		0.46mm	L	293-010SL
Torque	+17°	(.018")	R	293-011SL
Tip	+5°	0.56mm	L	293-012SL
		(.022")	R	293-013SL
Lateral		0.46mm	L	293-014SL
Torque	+8°	(.018")	R	293-015SL
Tip	+9°	0.56mm	L	293-016SL
		(.022")	R	293-017SL
Cuspid with Distal Hook		0.46mm	L	293-022SL
Torque	0°	(.018")	R	293-023SL
Tip	+11°	0.56mm	L	293-024SL
		(.022")	R	293-025SL
Bicuspid with Distal Hook		0.46mm	L	293-098SL
Torque	-7°	(.018")	R	293-099SL
Tip	0°	0.56mm	L	293-100SL
		(.022")	R	293-101SL

Package of 5

MANDIBULAR BRACKETS

		Slot Size	Left/ Right	Bondable
Anteriors		0.46mm	L/R	293-050SL
Torque	0°	(.018")		
Tip	0°	0.56mm	L/R	293-052SL
		(.022")		
Cuspid with Distal Hook		0.46mm	L	293-058SL
Torque	-11°	(.018")	R	293-059SL
Tip	+5°	0.56mm	L	293-060SL
		(.022")	R	293-061SL
1st Bicuspid with Distal Hook		0.46mm	L	293-090SL
Torque	-17°	(.018")	R	293-091SL
Tip	0°	0.56mm	L	293-092SL
		(.022")	R	293-093SL
2nd Bicuspid with Distal Hook		0.46mm	L	293-082SL
Torque	-22°	(.018")	R	293-083SL
Tip	0°	0.56mm	L	293-084SL
		(.022")	R	293-085SL

Package of 5

Nu-Edge® Self-Ligating Mini Cobalt Chromium Brackets

MBT* McLaughlin, Bennett, Trevisi System

PATIENT KITS

Slot Size	With Hooks	5 5
0.46mm (.018")	Cuspid/Bicuspid	293-291SL
0.56mm (.022")	Cuspid/Bicuspid	293-294SL

Kits contain 20 brackets.



MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable
Central		0.46mm (.018")	L	293-310SL
Torque	+17°		R	293-311SL
Angulation	+ 4°	0.56mm (.022")	L	293-312SL
			R	293-313SL
Lateral		0.46mm (.018")	L	293-314SL
Torque	+10°		R	293-315SL
Angulation	+ 8°	0.56mm (.022")	L	293-316SL
			R	293-317SL
Cuspid with Distal Hook		0.46mm (.018")	L	293-322SL
Torque	-7°		R	293-323SL
Angulation	+8°	0.56mm (.022")	L	293-324SL
			R	293-325SL
Bicuspid with Distal Hook		0.46mm (.018")	L	293-330SL
Torque	- 7°		R	293-331SL
Angulation	0°	0.56mm (.022")	L	293-332SL
			R	293-333SL

Package of 5

MANDIBULAR BRACKETS

		Slot Size	Left/ Right	Bondable
Anteriors		0.46mm (.018")	L/R	293-354SL
Torque	-6°			
Angulation	0°	0.56mm (.022")	L/R	293-355SL
Cuspid with Distal Hook		0.46mm (.018")	L	293-360SL
Torque	-6°		R	293-361SL
Angulation	+3°	0.56mm (.022")	L	293-362SL
			R	293-363SL
1st Bicuspid with Distal Hook		0.46mm (.018")	L	293-268SL
Torque	-12°		R	293-269SL
Angulation	+2°	0.56mm (.022")	L	293-270SL
			R	293-271SL
2nd Bicuspid with Distal Hook		0.46mm (.018")	L	293-276SL
Torque	-17°		R	293-277SL
Angulation	+2°	0.56mm (.022")	L	293-278SL
			R	293-279SL

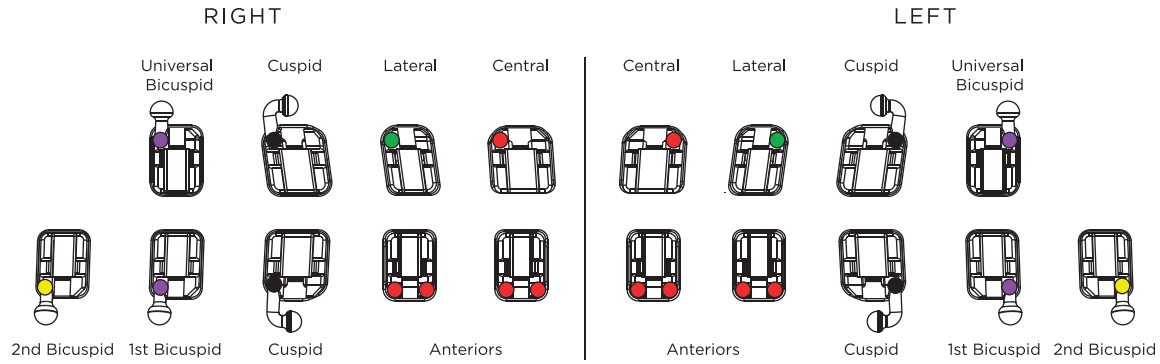
Package of 5

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Nu-Edge[®] SL Brackets

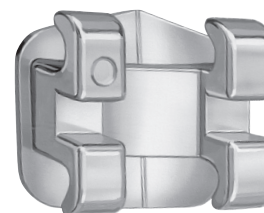


BRACKET ID CHART - NU-EDGE SL MBT AND ROTH



Nu-Edge® Mini Cobalt Chromium Brackets

Compatible with the Roth system: not endorsed by Dr. Roth



PATIENT KITS

Slot Size	With Hooks	Bicuspid Not Offset
0.46mm (.018")	Cuspid	293-004
	Cuspid/Bicuspid	293-206
	No Hooks	293-005
0.56mm (.022")	Cuspid	293-006
	Cuspid/Bicuspid	293-207
	No Hooks	293-007

Kits contain 20 brackets.

MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable
Central		0.46mm (.018")	L	293-160
Torque	+14°		R	293-161
Tip	+5°	0.56mm (.022")	L	293-162
			R	293-163
Lateral		0.46mm (.018")	L	293-164
Torque	+7°		R	293-165
Tip	+8°	0.56mm (.022")	L	293-166
			R	293-167

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Nu-Edge® Mini Cobalt Chromium Brackets

MBT* McLaughlin, Bennett, Trevisi System

PATIENT KITS

Slot Size	With Hooks	$\frac{5}{15}$.027" In/Out
0.46mm (.018")	Cuspid	293-380
	Cuspid/Bicuspid	293-381
	No Hooks	293-382
0.56mm (.022")	Cuspid	293-383
	Cuspid/Bicuspid	293-384
	No Hooks	293-385

Kits contain 20 brackets.

MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable
Central		0.46mm (.018")	L	293-386
Torque	+17°		R	293-387
Tip	+5°	0.56mm (.022")	L	293-388
			R	293-389
Lateral		0.46mm (.018")	L	293-396
Torque	+10°		R	293-397
Tip	+7°	0.56mm (.022")	L	293-398
			R	293-399

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Nu-Edge® Cobalt Chromium Brackets

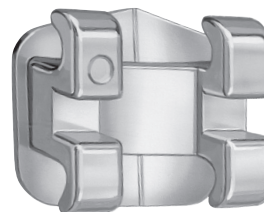
Compatible with the Roth system: not endorsed by Dr. Roth

PATIENT KITS

Slot Size	With Hooks	With Vertical Slot					
		Bicuspid Not Offset	Lower Bicuspid Gingivally Offset	Upper/Lower Bicuspid Gingivally Offset	Bicuspid Not Offset	Lower Bicuspid Gingivally Offset	
0.46mm (.018")	Cuspid	293-000	293-152	293-116	293-700	293-807	
	Cuspid/Bicuspid	293-106	293-153	293-114	293-701	293-808	
	No Hooks	293-001	293-154	293-117	293-702	293-809	
0.56mm (.022")	Cuspid	293-002	293-155	293-118	293-703	293-810	
	Cuspid/Bicuspid	293-107	293-156	293-115	293-704	293-811	
	No Hooks	293-003	293-157	293-119	293-705	293-812	

Kits contain 20 brackets.

293-008 Bi-Dimensional Brackets with Cuspid Hooks Kit
 .018" centrals and laterals with .022" cuspids and bicuspid
 Kit contains 20 brackets.



MAXILLARY BRACKETS

			Slot Size	Left/ Right	Bondable	Weldable	Bondable	Weldable [§]
					Without Vertical Slot	Without Vertical Slot	With Vertical Slot	With Vertical Slot
Central			0.46mm	L	293-010	293-028	293-710	
Torque	+14°		(.018")	R	293-011	293-029	293-711	
Tip	+5°		0.56mm	L	293-012	293-030	293-712	
			(.022")	R	293-013	293-031	293-713	
Lateral			0.46mm	L	293-014	293-032	293-714	
Torque	+7°		(.018")	R	293-015	293-033	293-715	
Tip	+8°		0.56mm	L	293-016	293-034	293-716	
			(.022")	R	293-017	293-035	293-717	
Cuspid without Hook			0.46mm	L	293-018	293-036[§]	293-718	293-740
Torque	0°		(.018")	R	293-019	293-037[§]	293-719	293-741
Tip	+10°		0.56mm	L	293-020	293-038[§]	293-720	293-742
			(.022")	R	293-021	293-039[§]	293-721	293-743
Cuspid with Distal Hook			0.46mm	L	293-022	293-040[§]	293-722	293-744
Torque	0°		(.018")	R	293-023	293-041[§]	293-723	293-745
Tip	+10°		0.56mm	L	293-024	293-042[§]	293-724	293-746
			(.022")	R	293-025	293-043[§]	293-725	293-747
Bicuspid without Hook			0.46mm	L/R	293-026	293-044[§]	293-726	293-748
Torque	-7°		(.018")					
Tip	0°		0.56mm	L/R	293-027	293-045[§]	293-727	293-749
			(.022")					
Bicuspid without Hook			0.46mm	L/R	293-108			
Gingival Offset			(.018")					
Torque	-7°		0.56mm	L/R	293-109			
Tip	0°		(.022")					
Bicuspid with Mesial Hook			0.46mm	L	293-098	293-102[§]	293-728	293-750
Torque	-7°		(.018")	R	293-099	293-103[§]	293-729	293-751
Tip	0°		0.56mm	L	293-100	293-104[§]	293-730	293-752
			(.022")	R	293-101	293-105[§]	293-731	293-753
Bicuspid with Mesial Hook			0.46mm	L	293-140			
Gingival Offset			(.018")	R	293-141			
Torque	-7°		0.56mm	L	293-142			
Tip	0°		(.022")	R	293-143			

[§]Bracket available on bands only.
 Package of 5

Nu-Edge® Cobalt Chromium Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

MANDIBULAR BRACKETS

	Slot Size	Left/ Right	Bondable Without Vertical Slot	Weldable [§] Without Vertical Slot	Bondable With Vertical Slot	Weldable [§] With Vertical Slot
Anteriors	0.46mm	L/R	293-050	293-066	293-754	
Torque -1°	(.018")					
Tip 0°	0.56mm	L/R	293-052	293-068	293-755	
	(.022")					
Anteriors	0.46mm	L/R	293-049	293-048		
Torque -12°	(.018")					
Tip 0°	0.56mm	L/R	293-047	293-046		
	(.022")					
Cuspid without Hook	0.46mm	L	293-054	293-070	293-758	293-782
Torque -11°	(.018")	R	293-055	293-071	293-759	293-783
Tip +6°	0.56mm	L	293-056	293-072	293-760	293-784
	(.022")	R	293-057	293-073	293-761	293-785
Cuspid with Distal Hook	0.46mm	L	293-058	293-074	293-762	293-786
Torque -11°	(.018")	R	293-059	293-075	293-763	293-787
Tip +6°	0.56mm	L	293-060	293-076	293-764	293-788
	(.022")	R	293-061	293-077	293-765	293-789
1st Bicuspid without Hook	0.46mm	L/R	293-062	293-078	293-766	293-790
Torque -17°	(.018")					
Tip 0°	0.56mm	L/R	293-063	293-079	293-767	293-791
	(.022")					
1st Bicuspid without Hook	0.46mm	L/R	293-110		293-828	
Gingival Offset	(.018")					
Torque -17°	0.56mm	L/R	293-111		293-829	
Tip 0°	(.022")					
1st Bicuspid with Distal Hook	0.46mm	L	293-090	293-094	293-768	293-792
Torque -17°	(.018")	R	293-091	293-095	293-769	293-793
Tip 0°	0.56mm	L	293-092	293-096	293-770	293-794
	(.022")	R	293-093	293-097	293-771	293-795
1st Bicuspid with Distal Hook	0.46mm	L	293-144		293-820	
Gingival Offset	(.018")	R	293-145		293-821	
Torque -17°	0.56mm	L	293-146		293-822	
Tip 0°	(.022")	R	293-147		293-823	
2nd Bicuspid without Hook	0.46mm	L/R	293-064	293-080	293-772	293-796
Torque -22°	(.018")					
Tip 0°	0.56mm	L/R	293-065	293-081	293-773	293-797
	(.022")					
2nd Bicuspid without Hook	0.46mm	L/R	293-112		293-830	
Gingival Offset	(.018")					
Torque -22°	0.56mm	L/R	293-113		293-831	
Tip 0°	(.022")					
2nd Bicuspid with Distal Hook	0.46mm	L	293-082	293-086	293-774	293-798
Torque -22°	(.018")	R	293-083	293-087	293-775	293-799
Tip 0°	0.56mm	L	293-084	293-088	293-776	293-805
	(.022")	R	293-085	293-089	293-777	293-806
2nd Bicuspid with Distal Hook	0.46mm	L	293-148		293-824	
Gingival Offset	(.018")	R	293-149		293-825	
Torque -22°	0.56mm	L	293-150		293-826	
Tip 0°	(.022")	R	293-151		293-827	

[§]Bracket available on bands only.

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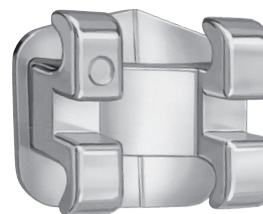
Nu-Edge® Cobalt Chromium Brackets

MBT* McLaughlin, Bennett, Trevisi System

PATIENT KITS

		Bicuspids Not Offset	Bicuspids Gingivally Offset	
Slot Size	With Hooks	<u>5 5</u> .027" In/Out		<u>5 5</u> .047" In/Out
0.46mm (.018")	Cuspid	293-290	293-390	293-300
	Cuspid/Bicuspid	293-291	293-391	293-301
	No Hooks	293-292	293-392	293-302
0.56mm (.022")	Cuspid	293-293	293-393	293-303
	Cuspid/Bicuspid	293-294	293-394	293-304
	No Hooks	293-295	293-395	293-305

Kits contain 20 brackets without vertical slot.



MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable	Weldable [§]
Central Torque	+17°	0.46mm (.018")	L	293-310	293-940
			R	293-311	293-941
	Tip + 5°	0.56mm (.022")	L	293-312	293-942
Lateral Torque	+10°	0.46mm (.018")	L	293-314	293-944
			R	293-315	293-945
	Tip + 7°	0.56mm (.022")	L	293-316	293-946
Cuspid without Hook Torque	- 7°	0.46mm (.018")	L	293-318	293-948
			R	293-319	293-949
	Tip + 8°	0.56mm (.022")	L	293-320	293-950
Cuspid with Distal Hook Torque	0°	0.46mm (.018")	L	293-322	293-952
			R	293-323	293-953
	Tip +7°	0.56mm (.022")	L	293-324	293-954
Universal Bicuspid without Hook Torque	- 7°	0.46mm (.018")	L/R	293-326	293-956
	Tip 0°	0.56mm (.022")	L/R	293-328	293-958
Universal Bicuspid with Distal Hook Torque	- 7°	0.46mm (.018")	L	293-330	293-960
			R	293-331	293-961
	Tip 0°	0.56mm (.022")	L	293-332	293-962
Optional 2nd Bicuspid w/o Hook Torque	- 7°	0.46mm (.018")	L/R	293-334	293-964
	Tip 0°	0.56mm (.022")	L/R	293-335	293-965
Optional 2nd Bicuspid with Hook Torque	- 7°	0.46mm (.018")	L	293-336	293-966
			R	293-337	293-967
	Tip 0°	0.56mm (.022")	L	293-338	293-968
In/Out Comp. .047"			R	293-339	293-969

[§]Bracket available on bands only.
Package of 5

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Nu-Edge® Cobalt Chromium Brackets

MBT* McLaughlin, Bennett, Trevisi System

MANDIBULAR BRACKETS

		Slot Size	Left/ Right	Bondable	Weldable [§]
Anteriors		0.46mm (.018")	L/R	293-354	293-970
Torque	-6°				
Tip	0°	0.56mm (.022")	L/R	293-355	293-972
Cuspid without Hook		0.46mm (.018")	L	293-356	293-974
Torque	-7°		R	293-357	293-975
Tip	+3°	0.56mm (.022")	L	293-358	293-976
			R	293-359	293-977
Cuspid with Distal Hook		0.46mm (.018")	L	293-360	293-978
Torque	0°		R	293-361	293-979
Tip	+3°	0.56mm (.022")	L	293-362	293-980
			R	293-363	293-981
1st Bicuspid without Hook		0.46mm (.018")	L	293-264	293-982
Torque	-12°		R	293-265	293-983
Tip	+2°	0.56mm (.022")	L	293-266	293-984
			R	293-267	293-985
1st Bicuspid without Hook		0.46mm (.018")	L	293-364	
Gingival Offset			R	293-365	
Torque	-12°	0.56mm (.022")	L	293-366	
Tip	+2°		R	293-367	
1st Bicuspid with Distal Hook		0.46mm (.018")	L	293-268	293-986
Torque	-12°		R	293-269	293-987
Tip	+2°	0.56mm (.022")	L	293-270	293-988
			R	293-271	293-989
1st Bicuspid with Distal Hook		0.46mm (.018")	L	293-368	
Gingival Offset			R	293-369	
Torque	-12°	0.56mm (.022")	L	293-370	
Tip	+2°		R	293-371	
2nd Bicuspid without Hook		0.46mm (.018")	L	293-272	293-990
Torque	-17°		R	293-273	293-991
Tip	+2°	0.56mm (.022")	L	293-274	293-992
			R	293-275	293-993
2nd Bicuspid without Hook		0.46mm (.018")	L	293-372	
Gingival Offset			R	293-373	
Torque	-17°	0.56mm (.022")	L	293-374	
Tip	+2°		R	293-375	
2nd Bicuspid with Distal Hook		0.46mm (.018")	L	293-276	293-994
Torque	-17°		R	293-277	293-995
Tip	+2°	0.56mm (.022")	L	293-278	293-996
			R	293-279	293-997
2nd Bicuspid with Distal Hook		0.46mm (.018")	L	293-376	
Gingival Offset			R	293-377	
Torque	-17°	0.56mm (.022")	L	293-378	
Tip	+2°		R	293-379	

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Package of 5

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Nu-Edge® Cobalt Chromium Brackets

BioTech .018" System

PATIENT KITS

Maxillary Centrals 0° Tip

Slot Size	With Hooks		With Vertical Slot
0.46mm	Cuspid	293-400	293-500
(.018")	Cuspid/Bicuspid	293-402	293-502
	No Hooks	293-404	293-504

Kits contain 20 bondable brackets, non-oriented only.



PATIENT KITS

Maxillary Centrals +5° Tip

Slot Size	With Hooks		With Vertical Slot
0.46mm	Cuspid	293-401	293-501
(.018")	Cuspid/Bicuspid	293-403	293-503

Kits contain 20 bondable brackets, non-oriented only.

MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable	Weldable	Bondable	Weldable
						With Vertical Slot	
Central		0.46mm					
Torque	+22°	(.018")	L/R	293-410		293-510	
Tip	0°						
Central		0.46mm	L	293-406		293-506	
Torque	+22°	(.018")	R	293-407		293-507	
Tip	+5°						
Lateral		0.46mm	L	293-412		293-512	
Torque	+14°	(.018")	R	293-413		293-513	
Tip	+8°						
Cuspid without Hook		0.46mm	L	293-416	293-466	293-516	293-566
Torque	+7°	(.018")	R	293-417	293-467	293-517	293-567
Tip	+5°						
Cuspid with Distal Hook		0.46mm	L	293-420	293-470	293-520	293-570
Torque	+7°	(.018")	R	293-421	293-471	293-521	293-571
Tip	+5°						
Bicuspid without Hook		0.46mm	L/R	293-424	293-474	293-524	293-574
Torque	0°	(.018")					
Tip	0°						
Bicuspid with Mesial Hook		0.46mm	L	293-426	293-476	293-526	293-576
Torque	0°	(.018")	R	293-427	293-477	293-527	293-577
Tip	0°						

Package of 5

Nu-Edge® Cobalt Chromium Brackets

BioTech .018" System

MANDIBULAR BRACKETS

		Slot Size	Left/ Right	Bondable	Weldable	Bondable	Weldable
						With Vertical Slot	
Anteriors		0.46mm					
Torque	-1°	(.018")	L/R	293-050		293-754	
Tip	0°						
Cuspid without Hook		0.46mm	L	293-417	293-467	293-517	293-567
Torque	+7°	(.018")	R	293-416	293-466	293-516	293-566
Tip	+5°						
Cuspid with Distal Hook		0.46mm	L	293-421	293-471	293-521	293-571
Torque	+7°	(.018")	R	293-420	293-470	293-520	293-570
Tip	+5°						
Bicuspid without Hook		0.46mm					
Torque	0°	(.018")	L/R	293-428	293-474	293-528	293-574
Tip	0°						
Bicuspid without Hook							
Gingival Offset		0.46mm					
Torque	0°	(.018")	L/R	293-478		293-578	
Tip	0°						
Bicuspid with Distal Hook		0.46mm	L	293-430	293-476	293-530	293-576
Torque	0°	(.018")	R	293-431	293-477	293-531	293-577
Tip	0°						
Bicuspid with Distal Hook							
Gingival Offset		0.46mm	L	293-479		293-579	
Torque	0°	(.018")	R	293-480		293-580	
Tip	0°						

Package of 5

Nu-Edge® Cobalt Chromium Brackets

High Torque .022" System

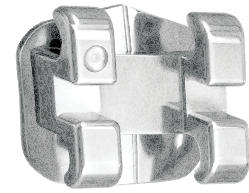
MAXILLARY BRACKETS

		Slot Size	Left/ Right	Bondable	Bondable
					With Vertical Slot
Central		0.56mm			
Torque	+22°	(.022")	L/R	293-411	293-511
Tip	0°				
Central		0.56mm	L	293-408	293-508
Torque	+22°	(.022")	R	293-409	293-509
Tip	+5°				
Lateral		0.56mm	L	293-414	293-514
Torque	+14°	(.022")	R	293-415	293-515
Tip	+8°				

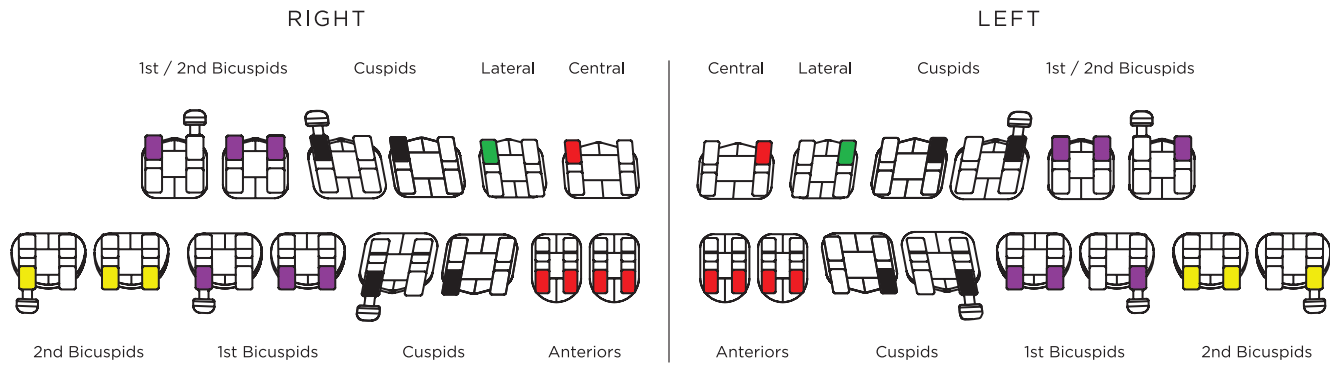
Package of 5

Nu-Edge[®]

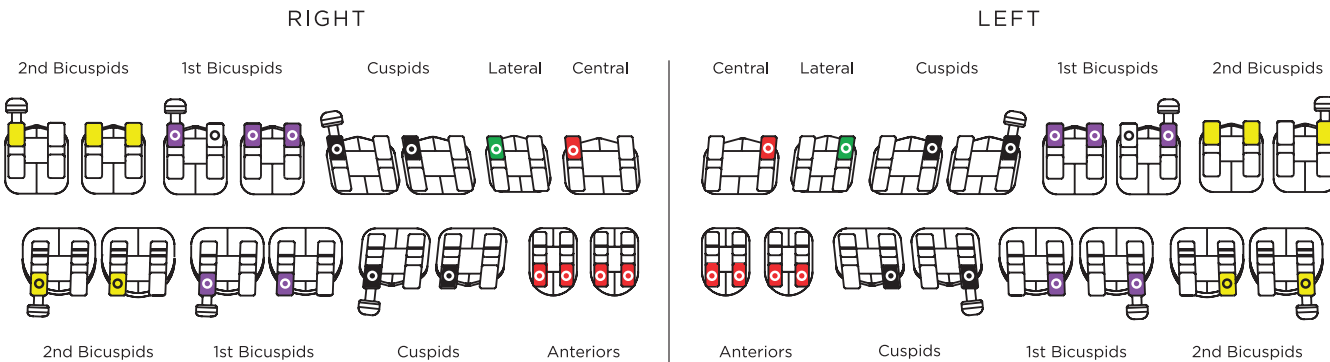
Cobalt Chromium Brackets



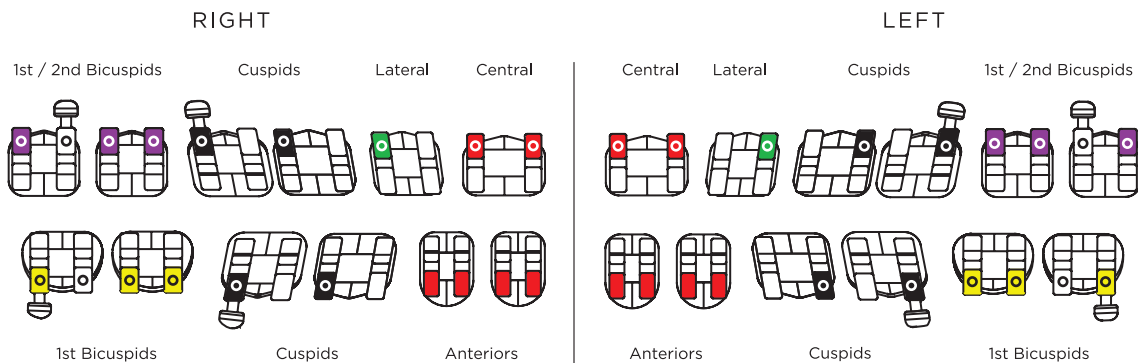
BRACKET ID CHART - Nu-Edge Roth



BRACKET ID CHART - Nu-Edge MBT



BRACKET ID CHART - Nu-Edge BioTech



Nu-Edge® lite Bracket

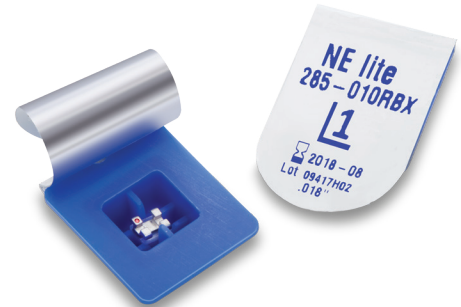
Cobalt Chromium with Pre-Applied Adhesive

MBT* McLaughlin, Bennett, Trevisi System

PATIENT KITS

	With Hooks	0.46mm (.018") Slot	0.56mm (.022") Slot
Upper & Lower 5-5 Cuspid/Bicuspid		285-001RBX	285-004RBX

Kits contain 20 brackets.



MAXILLARY BRACKETS

	Slot Size	Left/Right	Bondable
Central	0.46mm (.018")	L	285-010RBX
Torque +17°		R	285-011RBX
Tip +5°	0.56mm (.022")	L	285-012RBX
		R	285-013RBX
Lateral	0.46mm (.018")	L	285-014RBX
Torque +10°		R	285-015RBX
Tip +7°	0.56mm (.022")	L	285-016RBX
		R	285-017RBX
Cuspid with Distal Hook	0.46mm (.018")	L	285-022RBX
Torque 0°		R	285-023RBX
Tip +7°	0.56mm (.022")	L	285-024RBX
		R	285-025RBX
Universal Bicuspid with Hook	0.46mm (.018")	L	285-030RBX
Torque -7°		R	285-031RBX
Tip 0°	0.56mm (.022")	L	285-032RBX
		R	285-033RBX

Package of 5

MANDIBULAR BRACKETS

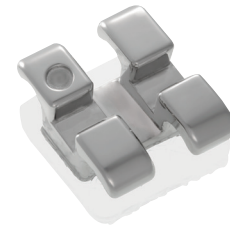
	Slot Size	Left/Right	Bondable
Anteriors	0.46mm (.018")	L/R	285-054RBX
Torque -6°			
Tip 0°	0.56mm (.022")	L/R	285-055RBX
Cuspid with Distal Hook	0.46mm (.018")	L	285-060RBX
Torque 0°		R	285-061RBX
Tip +3°	0.56mm (.022")	L	285-062RBX
		R	285-063RBX
1st Bicuspid with Hook	0.46mm (.018")	L	285-068RBX
Torque -12°		R	285-069RBX
Tip +2°	0.56mm (.022")	L	285-070RBX
		R	285-071RBX
2nd Bicuspid with Hook	0.46mm (.018")	L	285-076RBX
Torque -17°		R	285-077RBX
Tip +2°	0.56mm (.022")	L	285-078RBX
		R	285-079RBX

Package of 5

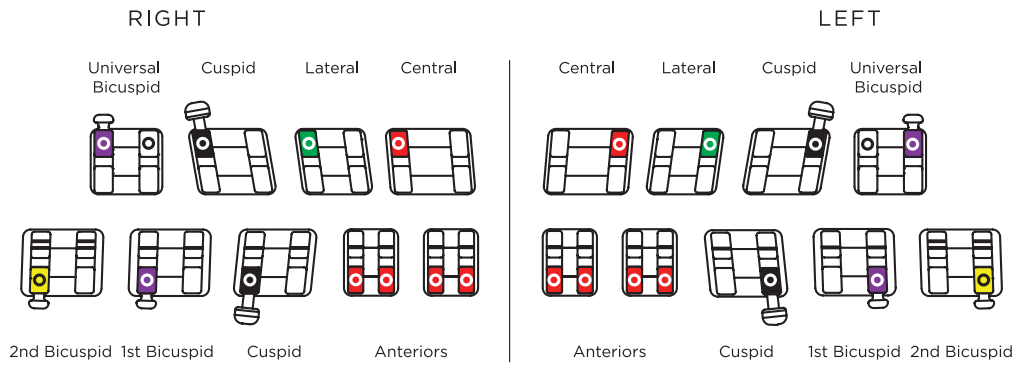
*MBT is a registered trademark of 3M. TP Orthodontics version of the McLaughlin, Bennett and Trevisi prescription is not intended to be a duplication of, nor an endorsement by, these doctors and such endorsement is not implied by the use of this term.

Nu-Edge® lite

Brackets



BRACKET ID CHART - NU-EDGE LITE MBT



Straight-Edge® II Stainless Steel Brackets With Torque in the Base

Straight-Edge II brackets provide torque in the base for level slot line-up, simplifying bracket placement and archwire insertion.

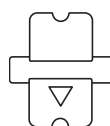
Profile heights are lower and all surfaces are more rounded and comfortable. Small notches are cast into the occlusal and gingival of the bracket surfaces to secure positioning jigs and Side-Winder uprighting springs.

At this time Straight-Edge II is only available in the Roth system.

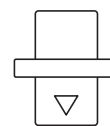


Universal Lower Anterior Bracket

Lower anterior brackets are available with the customary +2° tip or with Universal 0° tip. Universal brackets with 0° tip have no left and right orientation which helps to reduce inventory supplies. Universal anteriors are offered with -1° or -6° lingual root torque.



0° Tip with -6°
Lingual Root Torque



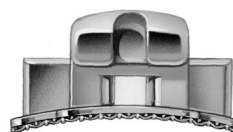
0° Tip with -1°
Lingual Root Torque

Vertical Slot for Auxiliaries

All TPO Straight-Edge brackets have a vertical slot that accepts 0.46mm (.018") auxiliaries and allows the operator options not found in similar type brackets.

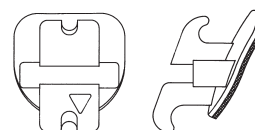
Straight-Edge auxiliaries include rotating springs, uprighting springs, power hooks, power pins, bi-level pins, torquing auxiliaries and positioning jigs.

See pages 117-123 for more information on auxiliaries.



Mandibular Bicuspid with Gingival Offsets

Occlusal interference can lead to frequent rebonds or to banding of mandibular bicuspids. Special mandibular bicuspid brackets are available with brackets positioned gingivally on bonding pad to reduce chance of occlusal interference.



Straight-Edge® II Stainless Steel Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

PATIENT KITS

Slot Size	-1° Universal Lower Anteriors	With Cuspid Hooks			
		Non-Oriented	Oriented on Jigs	Non-Oriented	Oriented on Jigs
0.46mm (.018")	No	292-001	292-002	292-011	292-012
0.56mm (.022")	No	292-003	292-004*	292-013	292-014
	Yes	292-005*	292-006*	292-015	292-016

Kits contain 20 bondable brackets. Mandibular first bicuspid have -14° torque.

Jigs are recommended heights.



292-0007 Straight-Edge with Tip-Edge Cuspids (.022"), oriented

292-0008 Straight-Edge with Tip-Edge Cuspids (.022") with special jigs, oriented

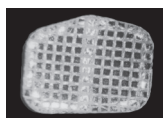
MAXILLARY BRACKETS

	Slot Size	Left/Right	Bondable					Weldable
			Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	
Central Narrow	0.46mm	L	292-051*		292-075*	292-091		292-107^s
Torque +12°	(.018")	R	292-052*		292-076*	292-092		292-108^s
Tip +5°	0.56mm	L	292-053*		292-077*	292-093		292-109^s
Rotation 0°	(.022")	R	292-054*		292-078*	292-094		292-110^s
Lateral	0.46mm	L	292-055*	292-067*	292-079			292-111^s
Torque +8°	(.018")	R	292-056*	292-068*	292-080			292-112^s
Tip +9°	0.56mm	L	292-057*	292-069*	292-081			292-113^s
Rotation 0°	(.022")	R	292-058*	292-070*	292-082			292-114^s
Cuspid without Hook	0.46mm	L	292-059*		292-083	292-095*	292-103	292-115
Torque -2°	(.018")	R	292-060*		292-084	292-096*	292-104	292-116
Tip +11°	0.56mm	L	292-061*		292-085	292-097*	292-105	292-117
Rotation -4°	(.022")	R	292-062*		292-086	292-098*	292-106	292-118
Cuspid with Distal Hook	0.46mm	L	292-359		292-383	292-395	292-363	292-123
Torque -2°	(.018")	R	292-360		292-384	292-396	292-364	292-124
Tip +11°	0.56mm	L	292-361		292-385	292-397	292-365	292-125
Rotation -4°	(.022")	R	292-362		292-386	292-398	292-366	292-126
Bicuspid	0.46mm	L	292-063	292-071	292-087	292-099		292-119
Torque -7°	(.018")	R	292-064	292-072	292-088	292-100		292-120
Tip 0°	0.56mm	L	292-065	292-073	292-089	292-101		292-121
Rotation +2°	(.022")	R	292-066	292-074	292-090	292-102		292-122

Recommended jig heights: Maxillary central 4mm, lateral 3.5mm, cuspids 4.5mm, 1st bicuspid 4mm, 2nd bicuspid 3.5mm.

^sBracket available on bands only.

Package of 5



Larger Pad



Smaller Pad

* Item numbers marked with an asterisk may be ordered with smaller bonding pads by adding an F after the order number.

Straight-Edge® II Stainless Steel Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

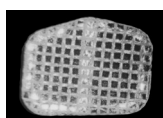
MANDIBULAR BRACKETS

	Slot Size	Left/Right	Non-Oriented	Oriented 3.5mm Blue	Bondable Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	Weldable
Universal Anterior								
Torque -1°								
Tip 0°	0.56mm	L/R	291-975*	291-976*	291-977			291-865[§]
Rotation 0°	(.022")							
Universal Anterior	0.46mm	L/R	291-978*	291-979*	291-980			291-981[§]
Torque -6°	(.018")							
Tip 0°	0.56mm	L/R	291-982*	291-983*	291-984			291-985[§]
Rotation 0°	(.022")							
Anteriors	0.46mm	L	292-151*	292-163*	292-171			292-195[§]
Torque -1°	(.018")	R	292-152*	292-164*	292-172			292-196[§]
Tip +2°	0.56mm	L	292-153*	292-165*	292-173			292-197[§]
Rotation 0°	(.022")	R	292-154*	292-166*	292-174			292-198[§]
Cuspid without Hook	0.46mm	L	292-155*		292-175*	292-183*	292-191	292-199
Torque -11°	(.018")	R	292-156*		292-176*	292-184*	292-192	292-200
Tip +5°	0.56mm	L	292-157*		292-177*	292-185	292-193	292-201
Rotation -2°	(.022")	R	292-158*		292-178*	292-186	292-194	292-202
Cuspid with Distal Hook	0.46mm	L	292-355		292-375	292-387	292-391	292-127
Torque -11°	(.018")	R	292-356		292-376	292-388	292-392	292-128
Tip +5°	0.56mm	L	292-357		292-377	292-389	292-393	292-129
Rotation -2°	(.022")	R	292-358		292-378	292-390	292-394	292-130
1st Bicuspid	0.46mm	L	292-223	292-225	292-227	292-229		292-231
Torque -17°	(.018")	R	292-224	292-226	292-228	292-230		292-232
Tip +1°	0.56mm	L	292-233	292-235	292-237	292-239		292-241
Rotation+4°	(.022")	R	292-234	292-236	292-238	292-240		292-242
1st Bi Ging. Offset	0.46mm	L	292-243	292-245	292-247	292-249		
Torque -17°	(.018")	R	292-244	292-246	292-248	292-250		
Tip +1°	0.56mm	L	292-251	292-253	292-255	292-257		
Rotation+4°	(.022")	R	292-252	292-254	292-256	292-258		
2nd Bicuspid	0.46mm	L	292-159	292-167	292-179	292-187		292-203
Torque -22°	(.018")	R	292-160	292-168	292-180	292-188		292-204
Tip +1°	0.56mm	L	292-161	292-169	292-181	292-189		292-205
Rotation+4°	(.022")	R	292-162	292-170	292-182	292-190		292-206
2nd Bi Ging. Offset	0.46mm	L	292-207	292-211	292-215	292-219		
Torque -22°	(.018")	R	292-208	292-212	292-216	292-220		
Tip +1°	0.56mm	L	292-209	292-213	292-217	292-221		
Rotation+4°	(.022")	R	292-210	292-214	292-218	292-222		

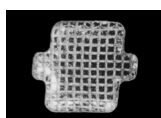
Recommended jig heights: Mandibular anteriors 3.5mm, cuspids 4mm, bicuspids 4mm.

*Bracket available on bands only.

Package of 5



Larger Pad



Smaller Pad

* Item numbers marked with an asterisk may be ordered with smaller bonding pads by adding an F after the order number.

Straight-Edge® II

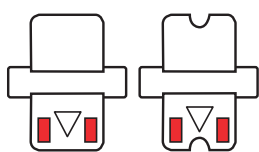
Stainless Steel Brackets



BRACKET ID CHART - Straight-Edge II Roth

RIGHT					LEFT				
2nd Bicuspid	1st Bicuspid	Cuspid	Lateral	Central	Central	Lateral	Cuspid	1st Bicuspid	2nd Bicuspid
2nd Bicuspid	1st Bicuspid	Cuspid	Anteriors		Anteriors		Cuspid	1st Bicuspid	2nd Bicuspid

Torque in the Base



-1° or -6°

Lingual Root Torque

Red color codes appear on both sides of triangle on universal lower anteriors.

A distinguishing identification mark is on each bracket. Circles identify the upper brackets and triangles identify the lower brackets. Identification markings are also color-coded. Two small bars are added mesial to the identification marks on second bicuspids. Color-coded positioning jigs provide further identification for oriented brackets.

Positioning Jigs

Positioning jigs are designed to help take the uncertainty out of bracket placement, allowing quick bracket orientation.

Jigs facilitate accurate placement of the archwire slot relative to the incisal edge of the tooth. This is important for anyone who spends a great deal of time working with precise bracket placement. Jig measurements are from the center of the archwire slot to the incisal edge or cusp tips.



Positioning jigs are easily removed after bonding adhesive has set. Twist sideways to disengage the head. Remove jig by sliding it incisally.

RECOMMENDED JIG HEIGHT

Central 4mm Red	Lateral 3.5mm Blue	Cuspid 4.5mm Yellow	1st Bicuspid 4mm Red	2nd Bicuspid 3.5mm Blue
Central 3.5mm Blue	Lateral 3.5mm Blue	Cuspid 4mm Red	1st Bicuspid 4mm Red	2nd Bicuspid 4mm Red

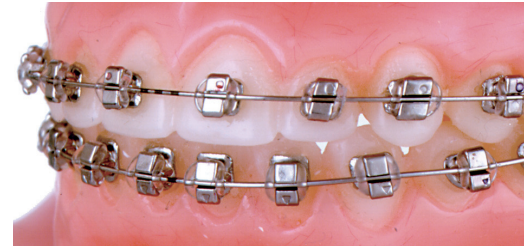
Jig height substitutions can be made for an additional charge. Green 5mm jigs are also available for cuspids.

Straight-Edge® I Stainless Steel Brackets

With Torque in the Face

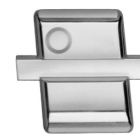
Straight-Edge is a preadjusted straight arch bracket system with built-in tip, torque, rotation and in/out compensation. Three popular prescriptions are available.

Straight-Edge brackets combine maximum aesthetics, easy identification, improved bracket orientation, custom prescriptions and auxiliaries never before offered in a bracket system.

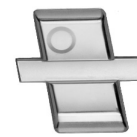


Wide or Narrow Central Brackets

TPO offers the option of selecting wide maxillary central brackets or aesthetically pleasing narrow brackets. Rotational control is maintained by the mesiodistal extensions hidden behind the archwire.



Wide Central



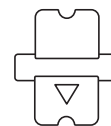
Narrow Central

Universal Lower Anterior Bracket

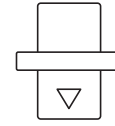
Lower anterior brackets are available with the customary +2° tip or with Universal 0° tip.

Universal brackets with 0° tip have no left and right orientation which helps to reduce inventory supplies.

Universal anteriors are offered with -1° or -6° lingual root torque.



0° Tip with -6°
Lingual Root Torque



0° Tip with -1°
Lingual Root Torque



Vertical Slot for Auxiliaries

All TPO Straight-Edge brackets have a vertical slot that accepts 0.46mm (.018") auxiliaries, including rotating springs, uprighting springs, power hooks, power pins, bi-level pins, torquing auxiliaries and positioning jigs.



See pages 117-123 for more information on auxiliaries.



Power Pin
for retraction
or space
closure



Power Hook
for retraction
or space
closure



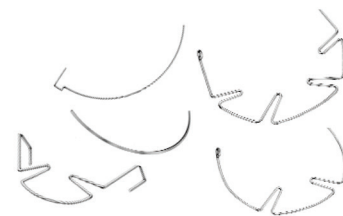
Rotating Spring
for axial
rotations



**Side-Winder
Spring**
for mesiodistal
uprighting



Bi-Level Pin
for engaging
a second
archwire



Torquing Auxiliaries
for anterior root torque

Straight-Edge® I Stainless Steel Brackets

Andrews† System

PATIENT KITS

Slot Size	Upper Central	-1° Universal Lower Anteriors	Non-Oriented	Oriented on Jigs
0.46mm (.018")	Wide	No	290-500	290-520
	Narrow	No	290-400	290-450
0.56mm (.022")	Wide	No	290-600	290-620
	Narrow	No	290-700	290-750
	Wide	Yes	290-590	290-592
	Narrow	Yes	290-591	290-593

Kits contain 20 bondable brackets.

Jigs are recommended heights.



MAXILLARY BRACKETS

	Slot Size	Left/Right	Bondable				
			Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green
Central Wide	0.46mm	L	290-501		290-523	290-525	
Torque +7°	(.018")	R	290-502		290-524	290-526	
Tip +5°	0.56mm	L	290-601		290-623	290-625	
Rotation 0°	(.022")	R	290-602		290-624	290-626	
Central Narrow	0.46mm	L	290-831		290-835	290-837	
Torque +7°	(.018")	R	290-832		290-836	290-838	
Tip +5°	0.56mm	L	290-841		290-845	290-847	
Rotation 0°	(.022")	R	290-842		290-846	290-848	
Lateral	0.46mm	L	290-503	290-527	290-529		
Torque +3°	(.018")	R	290-504	290-528	290-530		
Tip +9°	0.56mm	L	290-603	290-627	290-629		
Rotation 0°	(.022")	R	290-604	290-628	290-630		
Cuspid	0.46mm	L	290-505		290-535	290-537	290-737
Torque -7°	(.018")	R	290-506		290-536	290-538	290-738
Tip +11°	0.56mm	L	290-605		290-635	290-637	290-937
Rotation 0°	(.022")	R	290-606		290-636	290-638	290-938
1st Bicuspid	0.46mm	L	290-507	290-541	290-545	290-549	
Torque -7°	(.018")	R	290-539	290-543	290-547	290-551	
Tip +2°	0.56mm	L	290-607	290-641	290-645	290-649	
Rotation 0°	(.022")	R	290-639	290-643	290-647	290-651	
2nd Bicuspid	0.46mm	L	290-508	290-542	290-546	290-550	
Torque -7°	(.018")	R	290-540	290-544	290-548	290-552	
Tip +2°	0.56mm	L	290-608	290-642	290-646	290-650	
Rotation 0°	(.022")	R	290-640	290-644	290-648	290-652	

Recommended jig heights: Maxillary central 4mm, lateral 3.5mm, cuspids 4.5mm, 1st bicuspid 4mm, 2nd bicuspid 3.5mm.

Package of 5

† TPO does not imply authorization or endorsement by Dr. Andrews.

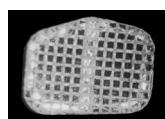
Straight-Edge® I Stainless Steel Brackets

Andrews† System

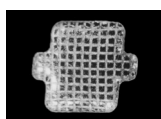
MANDIBULAR BRACKETS

	Slot Size	Left/Right	Non-Oriented	Oriented 3.5mm Blue	Bondable Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green
Central	0.46mm (.018")	L	290-009	290-053	290-057		
Torque -1°		R	290-010	290-055	290-059		
Tip +2°	0.56mm (.022")	L	290-109	290-153	290-157		
Rotation 0°		R	290-110	290-155	290-159		
Lateral	0.46mm (.018")	L	290-009	290-054	290-058		
Torque -1°		R	290-010	290-056	290-060		
Tip +2°	0.56mm (.022")	L	290-109	290-154	290-158		
Rotation 0°		R	290-110	290-156	290-160		
Universal Anterior							
Torque -1°							
Tip 0°	0.56mm (.022")	L/R	291-975*	291-976*	291-977*		
Rotation 0°							
Universal Anterior	0.46mm (.018")	L/R	291-978*	291-979*	291-980		
Torque -6°							
Tip 0°	0.56mm (.022")	L/R	291-982*	291-983*	291-984*		
Rotation 0°							
Cuspid	0.46mm (.018")	L	290-511		290-567	290-571	290-771
Torque -11°		R	290-512		290-568	290-572	290-772
Tip +5°	0.56mm (.022")	L	290-611		290-667	290-671	290-971
Rotation 0°		R	290-612		290-668	290-672	290-972
1st Bicuspid	0.46mm (.018")	L	290-513	290-573	290-575	290-577	
Torque -17°		R	290-514	290-574	290-576	290-578	
Tip +2°	0.56mm (.022")	L	290-613	290-673	290-675	290-677	
Rotation 0°		R	290-614	290-674	290-676	290-678	
2nd Bicuspid	0.46mm (.018")	L	290-515	290-581	290-583	290-585	
Torque -22°		R	290-516	290-582	290-584	290-586	
Tip +2°	0.56mm (.022")	L	290-615	290-681	290-683	290-685	
Rotation 0°		R	290-616	290-682	290-684	290-686	

Recommended jig heights: Mandibular anteriors 3.5mm, cuspids 4mm, bicuspid 4mm.
Package of 5



Larger Pad



Smaller Pad

* Anterior brackets marked with an asterisk may be ordered with smaller bonding pads by adding an F after the order number.

† TPO does not imply authorization or endorsement by Dr. Andrews.

Straight-Edge® I Stainless Steel Brackets

Ricketts® System

PATIENT KITS

Slot Size	Upper Central	-1° Universal Lower Anteriors	Non-Oriented	Oriented on Jigs
0.47mm (.0185")	Wide	No	291-500	291-520
	Narrow	No	291-300	291-350
0.56mm (.022")	Wide	No	291-600	291-620
	Narrow	No	291-900	291-950
	Wide	Yes	291-790	291-792
	Narrow	Yes	291-791	291-793

Kits contain 20 bondable brackets.

Jigs are recommended heights.



MAXILLARY BRACKETS

	Slot Size	Left/Right	Non-Oriented	Oriented 3.5mm Blue	Bondable Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green
Central Wide	0.47mm (.0185")	L	291-501		291-523	291-525	
Torque +22°		R	291-502		291-524	291-526	
Tip +5°	0.56mm (.022")	L	291-601		291-623	291-625	
Rotation 0°		R	291-602		291-624	291-626	
Central Narrow	0.47mm (.0185")	L	291-831		291-835	291-837	
Torque +22°		R	291-832		291-836	291-838	
Tip +5°	0.56mm (.022")	L	291-841		291-845	291-847	
Rotation 0°		R	291-842		291-846	291-848	
Lateral	0.47mm (.0185")	L	291-503	291-527	291-529		
Torque +14°		R	291-504	291-528	291-530		
Tip +9°	0.56mm (.022")	L	291-603	291-627	291-629		
Rotation 0°		R	291-604	291-628	291-630		
Cuspid	0.47mm (.0185")	L	291-505		291-535	291-537	291-737
Torque +7°		R	291-506		291-536	291-538	291-738
Tip +5°	0.56mm (.022")	L	291-605		291-635	291-637	291-937
Rotation 0°		R	291-606		291-636	291-638	291-938
1st Bicuspid	0.47mm (.0185")	L	291-007	291-041	291-045	291-049	
Torque 0°		R	291-039	291-043	291-047	291-051	
Tip 0°	0.56mm (.022")	L	291-107	291-141	291-145	291-149	
Rotation 0°		R	291-139	291-143	291-147	291-151	
2nd Bicuspid	0.47mm (.0185")	L	291-008	291-042	291-046	291-050	
Torque 0°		R	291-040	291-044	291-048	291-052	
Tip 0°	0.56mm (.022")	L	291-108	291-142	291-146	291-150	
Rotation 0°		R	291-140	291-144	291-148	291-152	

Recommended jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, 1st bicuspid 4mm, 2nd bicuspid 3.5mm.

Package of 5

Straight-Edge® I Stainless Steel Brackets

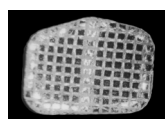
Ricketts® System

MANDIBULAR BRACKETS

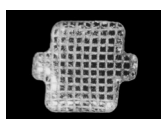
	Slot Size	Left/Right	Non-Oriented	Oriented 3.5mm Blue	Bondable Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green
Central	0.47mm	L	290-009	290-053	290-057		
Torque -1°	(.0185")	R	290-010	290-055	290-059		
Tip +2°	0.56mm	L	290-109	290-153	290-157		
Rotation 0°	(.022")	R	290-110	290-155	290-159		
Lateral	0.47mm	L	290-009	290-054	290-058		
Torque -1°	(.0185")	R	290-010	290-056	290-060		
Tip +2°	0.56mm	L	290-109	290-154	290-158		
Rotation 0°	(.022")	R	290-110	290-156	290-160		
Universal Anterior							
Torque -1°							
Tip 0°	0.56mm	L/R	291-975*	291-976	291-977		
Rotation 0°	(.022")						
Universal Anterior	0.47mm	L/R	291-978*	291-979	291-980		
Torque -6°	(.0185")						
Tip 0°	0.56mm	L/R	291-982*	291-983	291-984		
Rotation 0°	(.022")						
Cuspid	0.47mm	L	291-511		291-567	291-571	291-771
Torque +7°	(.0185")	R	291-512		291-568	291-572	291-772
Tip +5°	0.56mm	L	291-611		291-667	291-671	291-971
Rotation 0°	(.022")	R	291-612		291-668	291-672	291-972
1st Bicuspid	0.47mm	L	291-013	291-073	291-075	291-077	
Torque 0°	(.0185")	R	291-014	291-074	291-076	291-078	
Tip 0°	0.56mm	L	291-113	291-173	291-175	291-177	
Rotation 0°	(.022")	R	291-114	291-174	291-176	291-178	
2nd Bicuspid	0.47mm	L	291-515	291-581	291-583	291-585	
Torque -14°	(.0185")	R	291-516	291-582	291-584	291-586	
Tip 0°	0.56mm	L	291-615	291-681	291-683	291-685	
Rotation 0°	(.022")	R	291-616	291-682	291-684	291-686	
Bicuspid Extraction	0.47mm	L	291-517	291-587	291-589	291-591	
Torque -7°	(.0185")	R	291-518	291-588	291-590	291-592	
Tip 0°	0.56mm	L	291-617	291-687	291-689	291-691	
Rotation 0°	(.022")	R	291-618	291-688	291-690	291-692	

Recommended jig heights: Mandibular anteriors 3.5mm, cuspids 4mm, bicuspid 4mm.

Package of 5



Larger Pad



Smaller Pad

* Anterior brackets marked with an asterisk may be ordered with smaller bonding pads by adding an F after the order number.

Straight-Edge® I

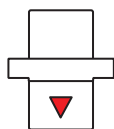
Stainless Steel Brackets



BRACKET ID CHART - Straight-Edge I Andrews / Ricketts®

RIGHT					LEFT				
2nd Bicuspid	1st Bicuspid	Cuspid	Lateral	Central	Central	Lateral	Cuspid	1st Bicuspid	2nd Bicuspid
2nd Bicuspid	1st Bicuspid	Cuspid	Anteriors		Anteriors		Cuspid	1st Bicuspid	2nd Bicuspid

**Torque
in the
Face**



Identification symbol centered
on universal lower anteriors.

A distinguishing identification mark is on each bracket. Circles identify the upper brackets and triangles identify the lower brackets. Identification markings are also color-coded. Two small bars are added mesial to the identification marks on second bicuspids. Color-coded positioning jigs provide further identification for oriented brackets.

Positioning Jigs

Positioning jigs are designed to help take the uncertainty out of bracket placement, allowing quick bracket orientation.

Jigs facilitate accurate placement of the archwire slot relative to the incisal edge of the tooth. This is important for anyone who spends a great deal of time working with precise bracket placement. Jig measurements are from the center of the archwire slot to the incisal edge or cuspid tips.



Positioning jigs are easily removed after bonding adhesive has set. Twist sideways to disengage the head. Remove jig by sliding it incisally.

RECOMMENDED JIG HEIGHT

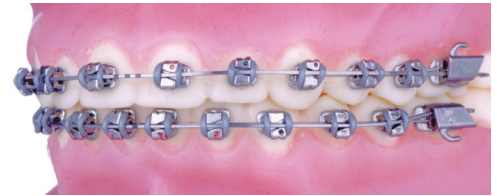
Central 4mm Red	Lateral 3.5mm Blue	Cuspid 4.5mm Yellow	1st Bicuspid 4mm Red	2nd Bicuspid 3.5mm Blue
Central 3.5mm Blue	Lateral 3.5mm Blue	Cuspid 4mm Red	1st Bicuspid 4mm Red	2nd Bicuspid 4mm Red

Jig height substitutions can be made for an additional charge. Green 5mm jigs are also available for cuspids.

Tip-Edge PLUS® Stainless Steel Brackets

Tip-Edge PLUS brackets feature a patented design that provides programmed treatment from start to finish. Teeth move naturally, with very light forces and little anchorage strain.

The difference is due to the innovative “deep tunnel” lingual horizontal archwire slot, which permits mesiodistal uprighting and torquing from the power of a preformed nickel titanium wire. Vertical and horizontal control is assured by passive rectangular archwires.



- Unprecedented treatment without the need for headgear, implants or functional appliances.
- Preadjusted to capture 100% torque and tip — zero-tolerance finish.
- Extremely light forces — only 1 to 3 ounces.
- Automatic rotational control.
- Eliminates unwanted torque reactions to adjacent teeth.
- Also available in aesthetic injection-molded ceramic.

Archwire slot has (A) tipping surfaces to permit tipping only in the desired direction and (B) uprighting surfaces to control final crown tip.



Lingual view of maxillary right canine (lingual pad removed) shows flexed nickel titanium auxiliary wire in lingual tunnel. Full size passive rectangular archwire is in the labial archwire slot.



Molar Tubes Enclosed in Patient Kits

Patient kits are available with and without bondable combination slant back molar tubes.

6/6 Upper First Molars Low Profile

Rect. Tube Size	Round-Ging. Tube Size	Left/Right	Bondable Big Foot Pad .325"
.022" x .028"	.036"	L	391-907
x 4.7mm	x 6.0mm	R	391-908

Package of 10



Bondable Right Shown

6/6 Lower First Molars Low Profile

Rect. Tube Size	Round-Ging. Tube Size	Left/Right	Bondable Big Foot Pad .325"
.022" x .028"	.036"	L	391-909
x 4.7mm	x 6.0mm	R	391-910

Package of 10



Bondable Right Shown

Tip-Edge PLUS® Stainless Steel Brackets

PATIENT KITS

	Slot Size	Non-Oriented	Oriented Incisal Jig	Oriented Universal Jig	Oriented Incisal Jigs with Tubes	Oriented Universal Jigs with Tubes
Non-Extraction	0.56mm	296-600	296-602	296-5700	296-604	296-5710
Four Bi Extraction	(.022")		296-603	296-5750	296-605	

Non-extraction kits contain 20 bondable brackets, extraction kits have 16 brackets.

Mandibular second bicuspid are not offset in kits. Order separately.

MAXILLARY BRACKETS

				Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	Oriented Universal Orange	Weldable
Central										
Torque	+12°	0.56mm	L	296-611		296-639	296-655		296-5790	296-675[§]
Tip	+5°	(.022")	R	296-612		296-640	296-656		296-5800	296-676[§]
Lateral										
Torque	+8°	0.56mm	L	296-613	296-629	296-641			296-5810	296-677[§]
Tip	+9°	(.022")	R	296-614	296-630	296-642			296-5820	296-678[§]
Cuspid										
Torque	-4°	0.56mm	L	296-615		296-643	296-659	296-671	296-5830	296-679
Tip	+11°	(.022")	R	296-616		296-644	296-660	296-672	296-5840	296-680
Bicuspid										
Torque	-7°	0.56mm	CCW	296-617	296-631	296-645	296-661		296-5850	296-681
Tip	0°	(.022")	CW	296-618	296-632	296-646	296-662		296-5860	296-682

Recommended jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, bicuspid 4mm.

[§]Bracket available on bands only.

Package of 5

MANDIBULAR BRACKETS

				Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	Oriented Universal Orange	Weldable
Anteriors										
Torque	-1°	0.56mm	L	296-619	296-633	296-647			296-5870	296-683[§]
Tip	+2°	(.022")	R	296-620	296-634	296-648			296-5880	296-684[§]
Cuspid										
Torque	-11°	0.56mm	L	296-623		296-651	296-667	296-673	296-5890	296-687
Tip	+5°	(.022")	R	296-624		296-652	296-668	296-674	296-5900	296-688
Bicuspid										
Torque	-20°	0.56mm	CCW	296-625	296-637	296-653	296-669		296-5910	296-689
Tip	0°	(.022")	CW	296-626	296-638	296-654	296-670		296-5920	296-690
Bicuspid with Ging. Offset										
Torque	-20°	0.56mm	CCW	296-691	296-693	296-695	296-697		296-5930	
Tip	0°	(.022")	CW	296-692	296-694	296-696	296-698		296-5940	

Recommended jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspid 4mm.

[§]Bracket available on bands only.

Package of 5

Tip-Edge PLUS®

Stainless Steel Brackets



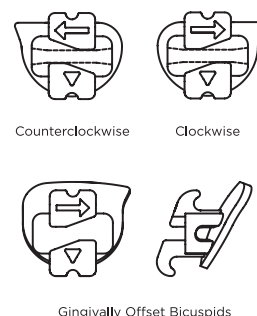
BRACKET ID CHART - Tip-Edge PLUS Non-Extraction / Extraction

NON-EXTRACTION					EXTRACTION / FOUR BICUSPID*			
2nd Bicuspid	1st Bicuspid	Cuspid	Lateral	Central	2nd Bicuspid	Cuspid	Lateral	Central
2nd Bicuspid	1st Bicuspid	Cuspid	Lateral	Central	2nd Bicuspid	Cuspid	Lateral	Central

Bicuspids

Arrows on the bicuspids represent the direction crowns should tip during initial treatment — either clockwise or counterclockwise. The bonding pad shape also points toward the direction of desired crown tipping.

Gingivally offset mandibular bicuspid brackets are available with brackets positioned gingivally on bonding pads to permit proper bonding height on partially erupted teeth.



*Switch bicuspid brackets (side-to-side) when second bicuspids are extracted.

Positioning Jigs

Incisal jigs are designed to help with accurate incisogingival bracket placement and assist with sighting long axis crown angulations. Jig measurements are from the center of the archwire slot to the incisal edge or cusp tips. Color coding identifies the various heights.



Incisal Jig

Universal jigs are available without horizontal arms to enable custom bonding according to personal bracket height preferences. The increased occlusal length helps visually parallel the bracket with the long axis of the crown. Available in orange only.



Universal Jig

RECOMMENDED JIG HEIGHT

2nd Bicuspid 4mm Red	1st Bicuspid 4mm Red	Cuspid 4.5mm Yellow	Lateral 3.5mm Blue	Central 4mm Red
2nd Bicuspid 4mm Red	1st Bicuspid 4mm Red	Cuspid 4mm Red	Lateral 3.5mm Blue	Central 3.5mm Blue

Green 5mm jigs are also available for cuspids.

Tip-Edge® Rx-I Stainless Steel Brackets



PATIENT KITS

	Slot Size	Non-Oriented	Oriented 1	Oriented 2
Non-Extraction	0.56mm	296-000	296-002	296-004

Non-extraction kits contain 20 bondable brackets, extraction kits have 16 brackets. Bicuspid are on noted jig *except* for Oriented Universal Orange.

MAXILLARY BRACKETS

				Bondable							Weldable
	Slot Size	Left/Right		Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	Oriented 5.5mm White	Oriented Universal Orange	
Central											
Torque	+12°	0.56mm	L	296-011	296-027	296-039	296-055			296-5110	
Tip	+5°	(.022")	R	296-012	296-028	296-040	296-056			296-5120	
Lateral											
Torque	+8°	0.56mm	L	296-013	296-029	296-041				296-5130	
Tip	+9°	(.022")	R	296-014	296-030	296-042				296-5140	
Cuspid											
Torque	-4°	0.56mm	L	296-015		296-043	296-059	296-071	296-319	296-5150	296-079
Tip	+11°	(.022")	R	296-016		296-044	296-060	296-072	296-320	296-5160	296-080
Bicuspid											
Torque	-7°	0.56mm	CCW	296-017	296-031	296-045	296-061			296-5170	296-081
Tip	0°	(.022")	CW	296-018	296-032	296-046	296-062			296-5180	296-082

Recommended jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, bicuspids 4mm.
Package of 5

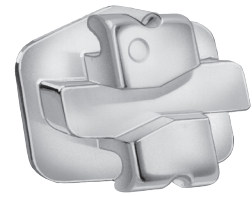
MANDIBULAR BRACKETS

				Bondable						Weldable	
				Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green	Oriented 5.5mm White		Oriented Universal Orange
Anterior											
Torque	-1°	0.56mm	L	296-019	296-033	296-047				296-5190	
Tip	+2°	(.022")	R	296-020	296-034	296-048				296-5200	
Cuspid											
Torque	-11°	0.56mm	L	296-023		296-051	296-067	296-073	296-329	296-5230	296-087
Tip	+5°	(.022")	R	296-024		296-052	296-068	296-074	296-330	296-5240	296-088
Bicuspid					———— 45° Jig ————						
Torque	-20°	0.56mm	CCW	296-025	296-037	296-053	296-069			296-5250	296-089
Tip	0°	(.022")	CW	296-026	296-038	296-054	296-070			296-5260	296-090
Bicuspid					———— 90° Jig ————						
Torque	-20°	0.56mm	CCW		296-375	296-377	296-379				
Tip	0°	(.022")	CW		296-376	296-378	296-380				
Bicuspid with Gingival Offset					———— 45° Jig ————						
Torque	-20°	0.56mm	CCW	296-091	296-093	296-095	296-097			296-5270	
Tip	0°	(.022")	CW	296-092	296-094	296-096	296-098			296-5280	
Bicuspid with Gingival Offset					———— 90° Jig ————						
Torque	-20°	0.56mm	CCW		296-371	296-373	296-381				
Tip	0°	(.022")	CW		296-372	296-374	296-382				

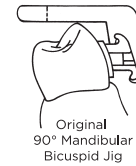
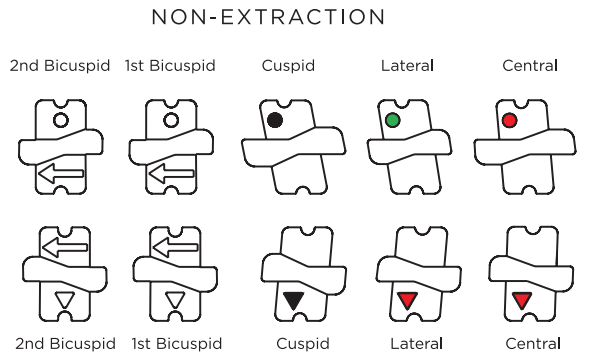
Recommended jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspids 4mm.
Package of 5

Tip-Edge® Rx-I

Stainless Steel Brackets



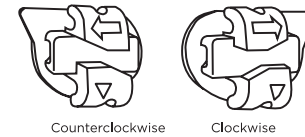
BRACKET ID CHART – Tip-Edge Rx-I Non-Extraction



Bicuspids

Arrows on the bicuspid represent the direction crowns should tip during initial treatment — either clockwise or counterclockwise. The bonding pad shape also points toward the direction of desired crown tipping.

Gingivally offset mandibular bicuspid brackets are available with brackets positioned gingivally on bonding pads to permit proper bonding height on partially erupted teeth.



Circles identify the upper brackets and triangles identify the lower brackets.

Positioning Jigs

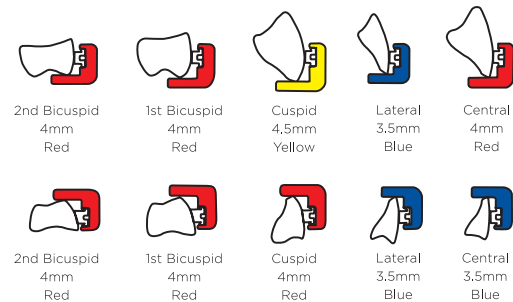
Positioning jigs assure accurate incisogingival bracket placement and assist with sighting long axis crown angulations. Jig measurements are from the center of the archwire slot to the incisal edge or cusp tips.

Universal jigs are also available without horizontal arms. This enables custom bonding to the height preferences of the operator. The increased occlusal length helps visually parallel the bracket with the long axis of the crown.

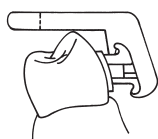


Universal jigs are without an incisal stop on all brackets.

RECOMMENDED JIG HEIGHT



Green 5mm jigs are also available for cuspids.



Modified 45° Mandibular Bicuspid Jig



Universal Jigs are without an incisal stop on all brackets.



Original 90° Mandibular Bicuspid Jig

Advant-Edge® I Stainless Steel Brackets

Andrews† System with Vertical Slot

PATIENT KITS

Slot Size	With Hooks	Non-Oriented	Oriented on Incisal Jigs	Oriented on Step Jigs
0.46mm (.018")	Cuspid	294-020	294-026	294-038
	Cuspid/Bicuspid	294-021	294-027	294-039
	No Hooks	294-022	294-028	294-040
0.56mm (.022")	Cuspid	294-023	294-029	294-041
	Cuspid/Bicuspid	294-024	294-030	294-042
	No Hooks	294-025	294-031	294-043



Patented

Kits contain 20 bondable brackets with notched wing lower anteriors.

Incisal jigs are recommended jig heights.

MAXILLARY BRACKETS

				Bondable					Oriented Step Jig Red
		Slot Size	Left/Right	Non-Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	
Central		0.46mm	L	294-250	294-282	294-314	294-354		294-520
	Torque +7°	(.018")	R	294-251	294-283	294-315	294-355		294-521
	Tip +5°	0.56mm	L	294-252	294-284	294-316	294-356		294-522
		(.022")	R	294-253	294-285	294-317	294-357		294-523
Lateral		0.46mm	L	294-254	294-290	294-322	294-362		294-524
	Torque +3°	(.018")	R	294-255	294-291	294-323	294-363		294-525
	Tip +9°	0.56mm	L	294-256	294-292	294-324	294-364		294-526
		(.022")	R	294-257	294-293	294-325	294-365		294-527
Cuspid without Hook		0.46mm	L	294-258		294-330	294-370	294-394	294-528
	Torque -7°	(.018")	R	294-259		294-331	294-371	294-395	294-529
	Tip +11°	0.56mm	L	294-260		294-332	294-372	294-396	294-530
		(.022")	R	294-261		294-333	294-373	294-397	294-531
Cuspid with Distal Hook		0.46mm	L	294-262		294-334	294-374	294-398	294-532
	Torque -7°	(.018")	R	294-263		294-335	294-375	294-399	294-533
	Tip +11°	0.56mm	L	294-264		294-336	294-376	294-400	294-534
		(.022")	R	294-265		294-337	294-377	294-401	294-535
Bicuspid without Hook		0.46mm	L	294-066	294-098	294-138	294-178		294-466
	Torque -7°	(.018")	R	294-067	294-099	294-139	294-179		294-467
	Tip 0°	0.56mm	L	294-068	294-100	294-140	294-180		294-468
		(.022")	R	294-069	294-101	294-141	294-181		294-469
Bicuspid with Mesial Hook		0.46mm	L	294-070	294-102	294-142	294-182		294-470
	Torque -7°	(.018")	R	294-071	294-103	294-143	294-183		294-471
	Tip 0°	0.56mm	L	294-072	294-104	294-144	294-184		294-472
		(.022")	R	294-073	294-105	294-145	294-185		294-473

Recommended incisal jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, first bicuspid 4mm, second bicuspid 3.5mm.

Package of 5

† TPO does not imply authorization or endorsement by Dr. Andrews.

MANDIBULAR BRACKETS

	Slot Size	Left/ Right	Bondable					Oriented Step Jig Yellow
			Non- Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	
Central Plain	0.46mm	L	294-550	294-582	294-614	294-654		
Torque -1°	(.018")	R	294-551	294-583	294-615	294-655		
Tip +2°	0.56mm	L	294-552	294-584	294-616	294-656		
	(.022")	R	294-553	294-585	294-617	294-657		
Central Notched	0.46mm	L	294-554	294-586	294-618	294-658		294-484
Torque -1°	(.018")	R	294-555	294-587	294-619	294-659		294-485
Tip +2°	0.56mm	L	294-556	294-588	294-620	294-660		294-486
	(.022")	R	294-557	294-589	294-621	294-661		294-487
Lateral Plain	0.46mm	L	294-550	294-590	294-622	294-662		
Torque -1°	(.018")	R	294-551	294-591	294-623	294-663		
Tip +2°	0.56mm	L	294-552	294-592	294-624	294-664		
	(.022")	R	294-553	294-593	294-625	294-665		
Lateral Notched	0.46mm	L	294-554	294-594	294-626	294-666		294-484
Torque -1°	(.018")	R	294-555	294-595	294-627	294-667		294-485
Tip +2°	0.56mm	L	294-556	294-596	294-628	294-668		294-486
	(.022")	R	294-557	294-597	294-629	294-669		294-487
Cuspid without Hook	0.46mm	L	294-558		294-630	294-670	294-694	294-488
Torque -11°	(.018")	R	294-559		294-631	294-671	294-695	294-489
Tip +5°	0.56mm	L	294-560		294-632	294-672	294-696	294-490
	(.022")	R	294-561		294-633	294-673	294-697	294-491
Cuspid with Distal Hook	0.46mm	L	294-562		294-634	294-674	294-698	294-492
Torque -11°	(.018")	R	294-563		294-635	294-675	294-699	294-493
Tip +5°	0.56mm	L	294-564		294-636	294-676	294-700	294-494
	(.022")	R	294-565		294-637	294-677	294-701	294-495
1st Bicuspid w/o Hook	0.46mm	L	294-566	294-598	294-638	294-678		294-496
Torque -17°	(.018")	R	294-567	294-599	294-639	294-679		294-497
Tip 0°	0.56mm	L	294-568	294-600	294-640	294-680		294-498
	(.022")	R	294-569	294-601	294-641	294-681		294-499
1st Bicuspid w/o Hook	0.46mm	L	294-426	294-442	294-512	294-544		294-744
Gingival Offset	(.018")	R	294-427	294-443	294-513	294-545		294-745
Torque -17°	0.56mm	L	294-428	294-444	294-514	294-546		294-746
Tip 0°	(.022")	R	294-429	294-445	294-515	294-547		294-747
1st Bicuspid with Hook	0.46mm	L	294-570	294-602	294-642	294-682		294-500
Torque -17°	(.018")	R	294-571	294-603	294-643	294-683		294-501
Tip 0°	0.56mm	L	294-572	294-604	294-644	294-684		294-502
	(.022")	R	294-573	294-605	294-645	294-685		294-503
1st Bicuspid with Hook	0.46mm	L	294-430	294-446	294-516	294-548		294-748
Gingival Offset	(.018")	R	294-431	294-447	294-517	294-549		294-749
Torque -17°	0.56mm	L	294-432	294-448	294-518	294-734		294-770
Tip 0°	(.022")	R	294-433	294-449	294-519	294-735		294-771
2nd Bicuspid w/o Hook	0.46mm	L	294-574	294-606	294-646	294-686		294-504
Torque -22°	(.018")	R	294-575	294-607	294-647	294-687		294-505
Tip 0°	0.56mm	L	294-576	294-608	294-648	294-688		294-506
	(.022")	R	294-577	294-609	294-649	294-689		294-507
2nd Bicuspid w/o Hook	0.46mm	L	294-434	294-474	294-536	294-736		294-772
Gingival Offset	(.018")	R	294-435	294-475	294-537	294-737		294-773
Torque -22°	0.56mm	L	294-436	294-476	294-538	294-738		294-774
Tip 0°	(.022")	R	294-437	294-477	294-539	294-739		294-775
2nd Bicuspid with Hook	0.46mm	L	294-578	294-610	294-650	294-690		294-508
Torque -22°	(.018")	R	294-579	294-611	294-651	294-691		294-509
Tip 0°	0.56mm	L	294-580	294-612	294-652	294-692		294-510
	(.022")	R	294-581	294-613	294-653	294-693		294-511
2nd Bicuspid with Hook	0.46mm	L	294-438	294-478	294-540	294-740		294-776
Gingival Offset	(.018")	R	294-439	294-479	294-541	294-741		294-777
Torque -22°	0.56mm	L	294-440	294-480	294-542	294-742		294-778
Tip 0°	(.022")	R	294-441	294-481	294-543	294-743		294-779

Recommended incisal jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspids 4mm.

Package of 5

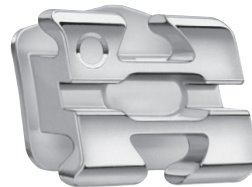
Advant-Edge® I Stainless Steel Brackets

Ricketts® System with Vertical Slot

PATIENT KITS

Slot Size	With Hooks	Non-Oriented	Oriented on Incisal Jigs	Oriented on Step Jigs
0.47mm (.0185")	Cuspid	294-032	294-080	294-035
	No Hooks	294-034	294-081	294-037

Kits contain 20 bondable brackets with notched wing lower anteriors, -7° torque lower first bicuspid and -14° torque lower second bicuspid.
Incisal jigs are recommended jig heights.



Patented

MAXILLARY BRACKETS

				Bondable						Weldable
		Slot Size	Left/Right	Non-Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	Oriented Step Jig Red	
Central		0.47mm								
Torque	+22°	(.0185")	L	294-750		294-858	294-876		294-760	
Tip	+5°		R	294-751		294-859	294-877		294-761	
Lateral		0.47mm								
Torque	+14°	(.0185")	L	294-752	294-850	294-860			294-762	
Tip	+9°		R	294-753	294-851	294-861			294-763	
Cuspid without Hook		0.47mm								
Torque	+7°	(.0185")	L	294-754		294-862	294-878	294-891	294-764	294-790
Tip	+11°		R	294-755		294-863	294-879	294-892	294-765	294-791
Cuspid with Distal Hook		0.47mm								
Torque	+7°	(.0185")	L	294-756		294-864	294-880	294-893	294-766	294-792
Tip	+11°		R	294-757		294-865	294-881	294-894	294-767	294-793
Universal Bi without Hook		0.47mm								
Torque	0°	(.0185")	L/R	294-758	294-852	294-866	294-882		294-768	294-794
Tip	0°									

Recommended incisal jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, first bicuspid 4mm, second bicuspid 3.5mm.
Package of 5

Advant-Edge® I Stainless Steel Brackets

Ricketts® System with Vertical Slot

MANDIBULAR BRACKETS

	Slot Size	Left/Right	Non-Oriented	Oriented Incisal Jig 3.5mm Blue	Bondable		Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	Oriented Step Jig Yellow	Weldable
					Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	Oriented Step Jig Yellow			
Anterior Notched	0.47mm										
Torque -1°	(.0185")	L/R	294-796	294-853	294-867					294-806	
Tip 0°											
Cuspid without Hook	0.47mm										
Torque +7°	(.0185")	L	294-797		294-868	294-883	294-895	294-807	294-838		
Tip +5°		R	294-798		294-869	294-884	294-896	294-808	294-839		
Cuspid with Distal Hook	0.47mm										
Torque +7°	(.0185")	L	294-799		294-870	294-885	294-897	294-809	294-840		
Tip +5°		R	294-801		294-871	294-886	294-898	294-811	294-841		
1st Bicuspid without Hook	0.47mm										
Torque -7°	(.0185")	L	294-802	294-854	294-872	294-887		294-812	294-842		
Tip 0°		R	294-803	294-855	294-873	294-888		294-813	294-843		
2nd Bicuspid without Hook	0.47mm										
Torque -14°	(.0185")	L	294-804	294-856	294-874	294-889		294-814	294-844		
Tip 0°		R	294-805	294-857	294-875	294-890		294-815	294-845		
Universal Bi without Hook	0.47mm										
Torque 0°	(.0185")	L/R	294-758	294-852	294-866	294-882		294-769	294-794		
Tip 0°											

Recommended incisal jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspid 4mm.
Package of 5

Advant-Edge® I Stainless Steel Brackets

Compatible with the Roth system: not endorsed by Dr. Roth; with Vertical Slot

PATIENT KITS

Slot Size	With Hooks	Non-Oriented	Oriented on Incisal Jigs	Oriented on Step Jigs
0.46mm (.018")	Cuspid	294-000	294-006	294-044
	Cuspid/Bicuspid	294-001	294-007	294-045
	No Hooks	294-002	294-008	294-046
0.56mm (.022")	Cuspid	294-003	294-009	294-047
	Cuspid/Bicuspid	294-004	294-010	294-048
	No Hooks	294-005	294-011	294-049
Upper 5-5 Kit .022" with Cuspid/Bicuspid Hooks				294-0016
Lower 5-5 Kit .022" with Cuspid/Bicuspid Hooks				294-0017

Kits contain 20 bondable brackets with notched wing lower anteriors.
Incisal jigs are recommended heights.



Patented

MAXILLARY BRACKETS

			Bondable					
	Slot Size	Left/Right	Non-Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	Oriented Step Jig Red
Central	0.46mm	L	294-050	294-082	294-114	294-154		294-450
Torque +12°	(.018")	R	294-051	294-083	294-115	294-155		294-451
Tip +5°	0.56mm	L	294-052	294-084	294-116	294-156		294-452
	(.022")	R	294-053	294-085	294-117	294-157		294-453
Lateral	0.46mm	L	294-054	294-090	294-122	294-162		294-454
Torque +8°	(.018")	R	294-055	294-091	294-123	294-163		294-455
Tip +9°	0.56mm	L	294-056	294-092	294-124	294-164		294-456
	(.022")	R	294-057	294-093	294-125	294-165		294-457
Cuspid without Hook	0.46mm	L	294-058		294-130	294-170	294-194	294-458
Torque -2°	(.018")	R	294-059		294-131	294-171	294-195	294-459
Tip +11°	0.56mm	L	294-060		294-132	294-172	294-196	294-460
	(.022")	R	294-061		294-133	294-173	294-197	294-461
Cuspid with Distal Hook	0.46mm	L	294-062		294-134	294-174	294-198	294-462
Torque -2°	(.018")	R	294-063		294-135	294-175	294-199	294-463
Tip +11°	0.56mm	L	294-064		294-136	294-176	294-200	294-464
	(.022")	R	294-065		294-137	294-177	294-201	294-465
Bicuspid without Hook	0.46mm	L	294-066	294-098	294-138	294-178		294-466
Torque -7°	(.018")	R	294-067	294-099	294-139	294-179		294-467
Tip 0°	0.56mm	L	294-068	294-100	294-140	294-180		294-468
	(.022")	R	294-069	294-101	294-141	294-181		294-469
Bicuspid with Mesial Hook	0.46mm	L	294-070	294-102	294-142	294-182		294-470
Torque -7°	(.018")	R	294-071	294-103	294-143	294-183		294-471
Tip 0°	0.56mm	L	294-072	294-104	294-144	294-184		294-472
	(.022")	R	294-073	294-105	294-145	294-185		294-473

Recommended incisal jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, first bicuspid 4mm, second bicuspid 3.5mm.
Package of 5

MANDIBULAR BRACKETS

	Slot Size	Left/ Right	Bondable					Oriented Step Jig Yellow
			Non- Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green	
Central Plain	0.46mm	L	294-550	294-582	294-614	294-654		
Torque -1°	(.018")	R	294-551	294-583	294-615	294-655		
Tip +2°	0.56mm	L	294-552	294-584	294-616	294-656		
	(.022")	R	294-553	294-585	294-617	294-657		
Central Notched	0.46mm	L	294-554	294-586	294-618	294-658		294-484
Torque -1°	(.018")	R	294-555	294-587	294-619	294-659		294-485
Tip +2°	0.56mm	L	294-556	294-588	294-620	294-660		294-486
	(.022")	R	294-557	294-589	294-621	294-661		294-487
Lateral Plain	0.46mm	L	294-550	294-590	294-622	294-662		
Torque -1°	(.018")	R	294-551	294-591	294-623	294-663		
Tip +2°	0.56mm	L	294-552	294-592	294-624	294-664		
	(.022")	R	294-553	294-593	294-625	294-665		
Lateral Notched	0.46mm	L	294-554	294-594	294-626	294-666		294-484
Torque -1°	(.018")	R	294-555	294-595	294-627	294-667		294-485
Tip +2°	0.56mm	L	294-556	294-596	294-628	294-668		294-486
	(.022")	R	294-557	294-597	294-629	294-669		294-487
Cuspid without Hook	0.46mm	L	294-558		294-630	294-670	294-694	294-488
Torque -11°	(.018")	R	294-559		294-631	294-671	294-695	294-489
Tip +5°	0.56mm	L	294-560		294-632	294-672	294-696	294-490
	(.022")	R	294-561		294-633	294-673	294-697	294-491
Cuspid with Distal Hook	0.46mm	L	294-562		294-634	294-674	294-698	294-492
Torque -11°	(.018")	R	294-563		294-635	294-675	294-699	294-493
Tip +5°	0.56mm	L	294-564		294-636	294-676	294-700	294-494
	(.022")	R	294-565		294-637	294-677	294-701	294-495
1st Bicuspid w/o Hook	0.46mm	L	294-566	294-598	294-638	294-678		294-496
Torque -17°	(.018")	R	294-567	294-599	294-639	294-679		294-497
Tip 0°	0.56mm	L	294-568	294-600	294-640	294-680		294-498
	(.022")	R	294-569	294-601	294-641	294-681		294-499
1st Bicuspid w/o Hook	0.46mm	L	294-426	294-442	294-512	294-544		294-744
Gingival Offset	(.018")	R	294-427	294-443	294-513	294-545		294-745
Torque -17°	0.56mm	L	294-428	294-444	294-514	294-546		294-746
Tip 0°	(.022")	R	294-429	294-445	294-515	294-547		294-747
1st Bicuspid with Hook	0.46mm	L	294-570	294-602	294-642	294-682		294-500
Torque -17°	(.018")	R	294-571	294-603	294-643	294-683		294-501
Tip 0°	0.56mm	L	294-572	294-604	294-644	294-684		294-502
	(.022")	R	294-573	294-605	294-645	294-685		294-503
1st Bicuspid with Hook	0.46mm	L	294-430	294-446	294-516	294-548		294-748
Gingival Offset	(.018")	R	294-431	294-447	294-517	294-549		294-749
Torque -17°	0.56mm	L	294-432	294-448	294-518	294-734		294-770
Tip 0°	(.022")	R	294-433	294-449	294-519	294-735		294-771
2nd Bicuspid w/o Hook	0.46mm	L	294-574	294-606	294-646	294-686		294-504
Torque -22°	(.018")	R	294-575	294-607	294-647	294-687		294-505
Tip 0°	0.56mm	L	294-576	294-608	294-648	294-688		294-506
	(.022")	R	294-577	294-609	294-649	294-689		294-507
2nd Bicuspid w/o Hook	0.46mm	L	294-434	294-474	294-536	294-736		294-772
Gingival Offset	(.018")	R	294-435	294-475	294-537	294-737		294-773
Torque -22°	0.56mm	L	294-436	294-476	294-538	294-738		294-774
Tip 0°	(.022")	R	294-437	294-477	294-539	294-739		294-775
2nd Bicuspid with Hook	0.46mm	L	294-578	294-610	294-650	294-690		294-508
Torque -22°	(.018")	R	294-579	294-611	294-651	294-691		294-509
Tip 0°	0.56mm	L	294-580	294-612	294-652	294-692		294-510
	(.022")	R	294-581	294-613	294-653	294-693		294-511
2nd Bicuspid with Hook	0.46mm	L	294-438	294-478	294-540	294-740		294-776
Gingival Offset	(.018")	R	294-439	294-479	294-541	294-741		294-777
Torque -22°	0.56mm	L	294-440	294-480	294-542	294-742		294-778
Tip 0°	(.022")	R	294-441	294-481	294-543	294-743		294-779

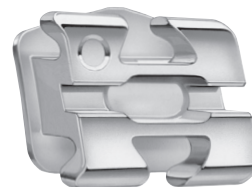
Recommended incisal jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspids 4mm.
Package of 5

Advant-Edge® II Stainless Steel Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

PATIENT KITS

Slot Size	With Hooks	Non-Oriented	Oriented on Incisal Jigs	Oriented on Step Jigs
0.46mm (.018")	Cuspid	295-000	295-006	295-003
	Cuspid/Bicuspid	295-001	295-007	295-004
	No Hooks	295-002	295-008	295-005
0.56mm (.022")	Cuspid	295-010	295-016	295-013
	Cuspid/Bicuspid	295-011	295-017	295-014
	No Hooks	295-012	295-018	295-015



Patented

Kits contain 20 bondable brackets with notched wing lower anteriors.

Incisal jigs are recommended heights.

MAXILLARY BRACKETS

			Bondable					Oriented Step Jig Red	Weldable
Slot Size		Left/Right	Non-Oriented	Oriented Incisal Jig 3.5mm Blue	Oriented Incisal Jig 4mm Red	Oriented Incisal Jig 4.5mm Yellow	Oriented Incisal Jig 5mm Green		
Central	Torque +12°	0.46mm L	295-050	295-370	295-386	295-410		295-070	
		(.018") R	295-051	295-371	295-387	295-411		295-071	
	Tip +5°	0.56mm L	295-250	295-372	295-388	295-412		295-270	
		(.022") R	295-251	295-373	295-389	295-413		295-271	
Lateral	Torque +8°	0.46mm L	295-052	295-374	295-390	295-414		295-072	
		(.018") R	295-053	295-375	295-391	295-415		295-073	
	Tip +9°	0.56mm L	295-252	295-376	295-392	295-416		295-272	
		(.022") R	295-253	295-377	295-393	295-417		295-273	
Cuspid without Hook	Torque -2°	0.46mm L	295-054		295-394	295-418	295-434	295-074	295-094
		(.018") R	295-055		295-395	295-419	295-435	295-075	295-095
	Tip +11°	0.56mm L	295-254		295-396	295-420	295-436	295-274	295-294
		(.022") R	295-255		295-397	295-421	295-437	295-275	295-295
Cuspid with Distal Hook	Torque -2°	0.46mm L	295-056		295-398	295-422	295-438	295-076	295-096
		(.018") R	295-057		295-399	295-423	295-439	295-077	295-097
	Tip +11°	0.56mm L	295-256		295-400	295-424	295-440	295-276	295-296
		(.022") R	295-257		295-401	295-425	295-441	295-277	295-297
Bicuspid without Hook	Torque -7°	0.46mm L/R	295-058	295-378	295-402	295-426		295-078	295-098
		(.018")							
Bicuspid with Mesial Hook	Torque -7°	0.56mm L/R	295-258	295-380	295-404	295-428		295-278	295-298
		(.022")							
Bicuspid without Hook	Torque -7°	0.46mm L	295-059	295-382	295-406	295-430		295-079	295-099
		(.018") R	295-060	295-383	295-407	295-431		295-080	295-100
	Tip 0°	0.56mm L	295-259	295-384	295-408	295-432		295-279	295-299
		(.022") R	295-260	295-385	295-409	295-433		295-280	295-300

Recommended incisal jig heights: Maxillary central 4mm, lateral 3.5mm, cuspid 4.5mm, first bicuspid 4mm, second bicuspid 3.5mm.

Package of 5

Advant-Edge® II Stainless Steel Brackets

Compatible with the Roth system: not endorsed by Dr. Roth

MANDIBULAR BRACKETS

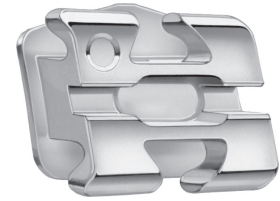
	Slot Size	Left/Right	Non-Oriented	Bondable Oriented Incisal Jig 3.5mm Blue	Bondable Oriented Incisal Jig 4mm Red	Bondable Oriented Incisal Jig 4.5mm Yellow	Bondable Oriented Incisal Jig 5mm Green	Bondable Oriented Step Jig Yellow	Weldable
Universal Ant Notched	0.46mm (.018")	L/R	295-101	295-442	295-462	295-490		295-121	
Torque -1°									
Tip 0°	0.56mm (.022")	L/R	295-301	295-444	295-464	295-492		295-321	
Cuspid without Hook	0.46mm (.018")	L	295-102		295-466	295-494	295-518	295-122	295-153
Torque -11°		R	295-103		295-467	295-495	295-519	295-123	295-154
Tip +5°	0.56mm (.022")	L	295-302		295-468	295-496	295-520	295-322	295-353
		R	295-303		295-469	295-497	295-521	295-323	295-354
Cuspid with Distal Hook	0.46mm (.018")	L	295-104		295-470	295-498	295-522	295-124	295-155
Torque -11°		R	295-105		295-471	295-499	295-523	295-125	295-156
Tip +5°	0.56mm (.022")	L	295-304		295-472	295-500	295-524	295-324	295-355
		R	295-305		295-473	295-501	295-525	295-325	295-356
1st Bicuspid w/o Hook	0.46mm (.018")	L	295-106	295-446	295-474	295-502		295-126	295-157
Torque -17°		R	295-107	295-447	295-475	295-503		295-127	295-158
Tip 0°	0.56mm (.022")	L	295-306	295-448	295-476	295-504		295-326	295-357
		R	295-307	295-449	295-477	295-505		295-327	295-358
1st Bicuspid w/o Hook	0.46mm (.018")	L	295-165	295-527	295-543	295-559		295-134	
Gingival Offset		R	295-166	295-528	295-544	295-560		295-135	
Torque -17°	0.56mm (.022")	L	295-173	295-529	295-545	295-561		295-344	
Tip 0°		R	295-174	295-530	295-546	295-562		295-345	
1st Bicuspid with Hook	0.46mm (.018")	L	295-108	295-450	295-478	295-506		295-128	295-159
Torque -17°		R	295-109	295-451	295-479	295-507		295-129	295-160
Tip 0°	0.56mm (.022")	L	295-308	295-452	295-480	295-508		295-328	295-359
		R	295-309	295-453	295-481	295-509		295-329	295-360
1st Bicuspid with Hook	0.46mm (.018")	L	295-167	295-531	295-547	295-563		295-136	
Gingival Offset		R	295-168	295-532	295-548	295-564		295-137	
Torque -17°	0.56mm (.022")	L	295-175	295-533	295-549	295-565		295-346	
Tip 0°		R	295-176	295-534	295-550	295-566		295-347	
2nd Bicuspid w/o Hook	0.46mm (.018")	L	295-110	295-454	295-482	295-510		295-130	295-161
Torque -22°		R	295-111	295-455	295-483	295-511		295-131	295-162
Tip 0°	0.56mm (.022")	L	295-310	295-456	295-484	295-512		295-340	295-361
		R	295-311	295-457	295-485	295-513		295-341	295-362
2nd Bicuspid w/o Hook	0.46mm (.018")	L	295-169	295-535	295-551	295-567		295-138	
Gingival Offset		R	295-170	295-536	295-552	295-568		295-139	
Torque -22°	0.56mm (.022")	L	295-177	295-537	295-553	295-569		295-348	
Tip 0°		R	295-178	295-538	295-554	295-570		295-349	
2nd Bicuspid with Hook	0.46mm (.018")	L	295-112	295-458	295-486	295-514		295-132	295-163
Torque -22°		R	295-113	295-459	295-487	295-515		295-133	295-164
Tip 0°	0.56mm (.022")	L	295-312	295-460	295-488	295-516		295-342	295-363
		R	295-313	295-461	295-489	295-517		295-343	295-364
2nd Bicuspid with Hook	0.46mm (.018")	L	295-171	295-539	295-555	295-571		295-140	
Gingival Offset		R	295-172	295-540	295-556	295-572		295-141	
Torque -22°	0.56mm (.022")	L	295-179	295-541	295-557	295-573		295-350	
Tip 0°		R	295-180	295-542	295-558	295-574		295-351	

Recommended incisal jig heights: Mandibular anteriors 3.5mm, cuspid 4mm, bicuspid 4mm.

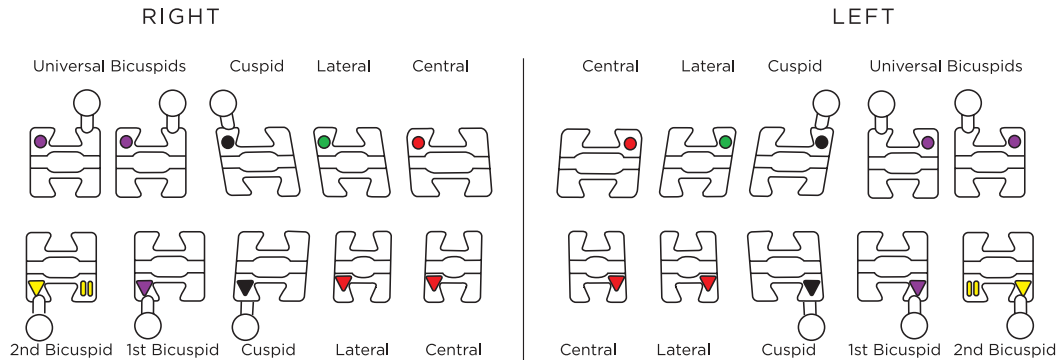
Package of 5

Advant-Edge®

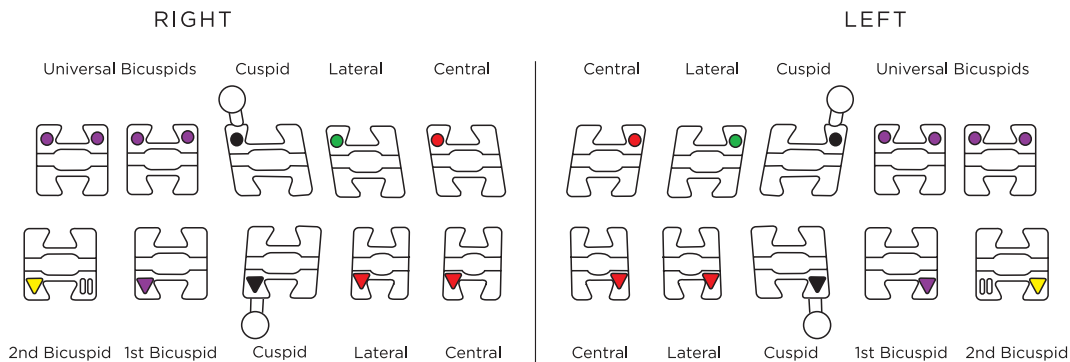
Stainless Steel Brackets



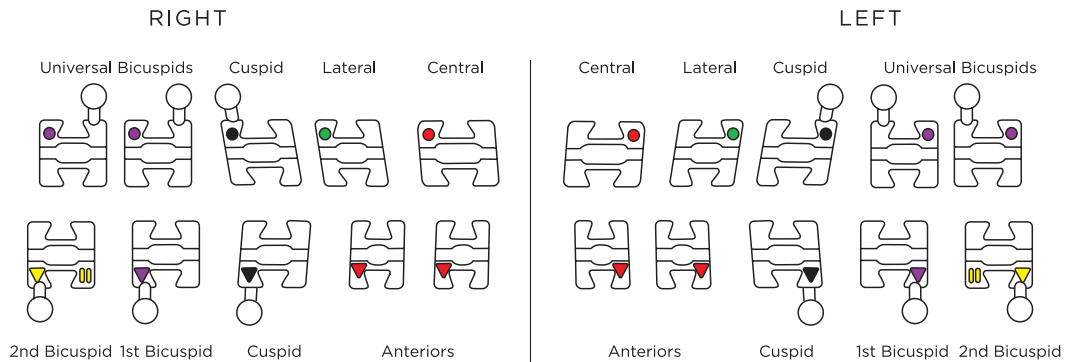
BRACKET ID CHART - Advant-Edge Andrews



BRACKET ID CHART - Advant-Edge Ricketts®



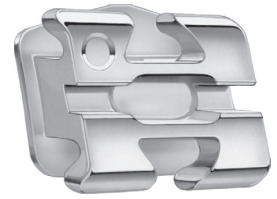
BRACKET ID CHART - Advant-Edge Roth



Circles identify the upper brackets and triangles identify the lowers. Two small bars identify lower second bicuspid.

Advant-Edge®

Stainless Steel Brackets



Advant-Edge I and Advant-Edge II

The Advant-Edge system provides two treatment options in the Roth prescription. Roth System brackets are available with or without vertical slots.

Roth Advant-Edge I

Features a vertical slot that accepts auxiliaries up to 0.46 mm (.018"). Auxiliaries can be extremely useful when correcting individual teeth.

Advant-Edge I



With Vertical Slot

Advant-Edge II



Without Vertical Slot
in Roth Rx Only

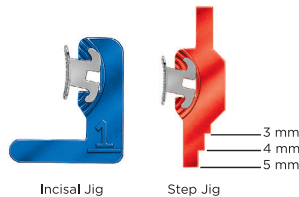
Roth Advant-Edge II

Made without a vertical slot for those who prefer to use traditional straight arch treatment procedures. Advant-Edge II offers a slightly lower labiolingual profile height.

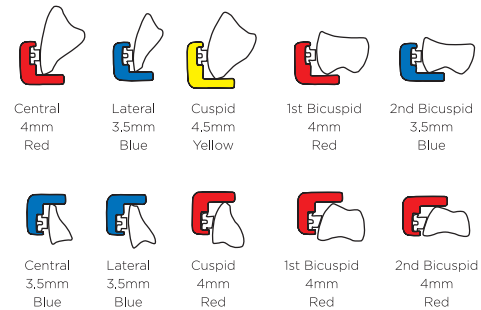
Positioning Jigs

Positioning jigs assure accurate incisogingival bracket placement and assist with sighting long axis crown angulations. Jig measurements are from the center of the archwire slot to the incisal edge or cusp tips.

Two jig designs are available, incisal jigs or step jigs. Patient kits that contain incisal jigs will have brackets oriented on recommended jig heights.



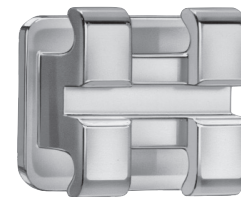
RECOMMENDED JIG HEIGHT



Green 5mm jigs are also available for cuspids.

Twin-Edge® Stainless Steel Brackets

Standard Edgewise



Twin-Edge Standard Edgewise brackets feature archwire slots that maintain a constant 90° angle to the bracket base. Made from strong and smooth stainless steel with twin tie wings for added control Twin-Edge Standard Edgewise brackets have a vertical slot that accepts auxiliaries, including rotating springs, uprighting springs, power hooks, power pins, bi-level pins, torquing auxiliaries, and positioning jigs.

Bondable with Vertical Slot

PATIENT KITS

Slot Size	Non-Oriented	Oriented on Jigs
0.46mm (.018")	209-861	209-860
0.56mm (.022")	209-866	209-865

Kits contain 20 bondable brackets of conventional widths on recommended jig heights.

BONDABLE BRACKETS

	Slot Size	Width		Non-Oriented	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow	Oriented 5mm Green
Lower Anterior	0.46mm (.018")	Single		209-901	209-801	209-802	209-803	
		Narrow Twin		209-903	209-804	209-805	209-806	
	0.56mm (.022")	Single		209-902	209-828	209-829	209-830	
		Narrow Twin		209-904	209-831	209-832	209-833	
Upper Central	0.46mm (.018")	Narrow Twin		209-905	209-807	209-808	209-809	209-855
		Medium Twin		209-907	209-810	209-811	209-812	209-856
		Wide Twin		209-909	209-813	209-814	209-815	209-857
	0.56mm (.022")	Narrow Twin		209-906	209-834	209-835	209-836	209-858
		Medium Twin		209-908	209-837	209-838	209-839	209-859
		Wide Twin		209-910	209-840	209-841	209-842	209-867
Upper Lateral	0.46mm (.018")	Narrow Twin		209-905	209-807	209-808	209-809	
		Medium Twin		209-907	209-810	209-811	209-812	
	0.56mm (.022")	Narrow Twin		209-906	209-834	209-835	209-836	
		Medium Twin		209-908	209-837	209-838	209-839	
Cuspid	0.46mm (.018")	Narrow Twin		209-929	209-816	209-817	209-818	209-868
		Medium Twin		209-931	209-819	209-820	209-821	209-869
	0.56mm (.022")	Narrow Twin		209-930	209-843	209-844	209-845	209-870
		Medium Twin		209-932	209-846	209-847	209-848	209-871
Bicuspid	0.46mm (.018")	Narrow Twin		209-939	209-822	209-823	209-824	
		Medium Twin		209-941	209-825	209-826	209-827	
	0.56mm (.022")	Narrow Twin		209-940	209-849	209-850	209-851	
		Medium Twin		209-942	209-852	209-853	209-854	
Lower Bicuspid	0.46mm (.018")	Narrow Twin		209-943	209-947	209-951	209-955	
		Medium Twin		209-944	209-948	209-952	209-956	
Gingival Offset	0.56mm (.022")	Narrow Twin		209-945	209-949	209-953	209-957	
		Medium Twin		209-946	209-950	209-954	209-958	

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