



## Nu-Edge<sup>®</sup> Brackets

STRONGER MATERIAL. LOWER FRICTION.  
SUPERIOR BIOCOMPATIBILITY.

**NEW**

Mini Brackets

Smaller Size, Same  
Great Performance

## Setting the Standard for Metal Brackets.

**Super-hard CoCr alloy.**

**Low friction.**

**Superior biocompatibility.**



Nu-Edge Cobalt Chromium Brackets are the first orthodontic appliances made of CoCr, known for its hardness, durability and excellent biocompatibility. They not only prevent archwire slot collapse due to occlusal stress, they produce lower friction levels than stainless steel brackets of similar design, offering the potential for faster treatment times. Nu-Edge CoCr Brackets are integrally coated with patented PrimeKote® polymer interface to improve bond strength, resist corrosion, extend shelf life, and make debonding and cleanup fast and easy.

- Smooth CoCr alloy produces lower friction than stainless steel
- Extremely hard CoCr alloy prevents slot collapse
- Nickel-free CoCr improves biocompatibility for sensitive patients
- Cast, not milled, for superior smoothness
- Nu-Edge Mini Brackets also available — smaller design for maxillary anteriors
- Exclusive PrimeKote® technology
- Available with vertical slots that accept auxiliaries
- Nu-Edge Brackets pair perfectly with InVu® Aesthetic Brackets

**Smaller, less-visible anterior Nu-Edge Mini Brackets are now available to provide a more aesthetic look.**

## NU-EDGE MINI ROTH SYSTEM

### Patient Kits

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

Kits contain 20 brackets without vertical slot.

### Packs of 5 – Maxillary Brackets

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

## NU-EDGE MINI MBT SYSTEM

### Patient Kits

Slot Size	With Hooks	5/5 .027" In/Out
0.46mm (.018")	Cuspid	<b>293-380</b>
	Cuspid/Bicuspid	<b>293-381</b>
	No Hooks	<b>293-382</b>
0.56mm (.022")	Cuspid	<b>293-383</b>
	Cuspid/Bicuspid	<b>293-384</b>
	No Hooks	<b>293-385</b>

Kits contain 20 brackets.

### Packs of 5 – Maxillary Brackets

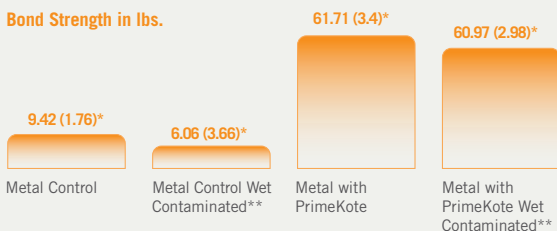
	Slot Size	Left/Right	Bondable
Central Torque +17° Tip +5°	0.46mm (.018")	L	<b>293-386</b>
		R	<b>293-387</b>
	0.56mm (.022")	L	<b>293-388</b>
		R	<b>293-389</b>
Lateral Torque +10° Tip +7°	0.46mm (.018")	L	<b>293-396</b>
		R	<b>293-397</b>
	0.56mm (.022")	L	<b>293-398</b>
		R	<b>293-399</b>

## Patented PrimeKote® Technology

The exclusive PrimeKote polymer interface is applied to the mesh base of all Nu-Edge Brackets to provide a significantly stronger, fatigue-resistant bond between the bracket base and adhesive interface. PrimeKote is demonstrated to improve bond strength, even in a wet environment.

### Bond Strength of PrimeKote in a "Wet" Contaminated Environment

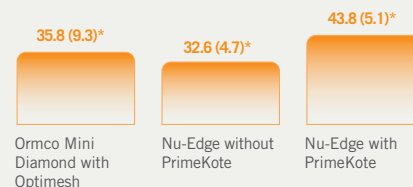
Bond Strength in lbs.



PrimeKote provides maximum adhesive transfer from the tooth surface during debonding. As a result, most of the adhesive remains on the bracket base for fast, easy clean-up.

### Effect of PrimeKote on Mesh Bracket Base Bond Strength

Bond Strength in lbs.



\*Standard deviation shown in (). \*\*Wet contamination is saliva applied on bracket base prior to bonding.

# ROTH SYSTEM

## Patient Kits

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

Kits contain 20 brackets.

## Packs of 5 – Maxillary Brackets

	Slot Size	Left/ Right	Bondable	Bondable w/ Vertical Slot
Central Torque +14° Tip +5°	0.46mm (.018")	L	<b>293-010</b>	<b>293-710</b>
		R	<b>293-011</b>	<b>293-711</b>
Lateral Torque +7° Tip +8°	0.56mm (.022")	L	<b>293-012</b>	<b>293-712</b>
		R	<b>293-013</b>	<b>293-713</b>
Cuspid w/o Hook Torque 0° Tip +10°	0.46mm (.018")	L	<b>293-014</b>	<b>293-714</b>
		R	<b>293-015</b>	<b>293-715</b>
Cuspid w/ Distal Hook Torque 0° Tip +10°	0.56mm (.022")	L	<b>293-016</b>	<b>293-716</b>
		R	<b>293-017</b>	<b>293-717</b>
Cuspid w/o Hook Torque 0° Tip +10°	0.46mm (.018")	L	<b>293-018</b>	<b>293-718</b>
		R	<b>293-019</b>	<b>293-719</b>
Cuspid w/ Distal Hook Torque 0° Tip +10°	0.56mm (.022")	L	<b>293-020</b>	<b>293-720</b>
		R	<b>293-021</b>	<b>293-721</b>
Cuspid w/ Distal Hook Torque 0° Tip +10°	0.46mm (.018")	L	<b>293-022</b>	<b>293-722</b>
		R	<b>293-023</b>	<b>293-723</b>
Cuspid w/ Distal Hook Torque 0° Tip +10°	0.56mm (.022")	L	<b>293-024</b>	<b>293-724</b>
		R	<b>293-025</b>	<b>293-725</b>
Bicuspid w/o Hook Torque -7° Tip 0°	0.46mm (.018")	L/R	<b>293-026</b>	<b>293-726</b>
	0.56mm (.022")	L/R	<b>293-027</b>	<b>293-727</b>
Bicuspid w/o Hook Gingival Offset Torque -7° Tip 0°	0.46mm (.018")	L/R	<b>293-108</b>	
	0.56mm (.022")	L/R	<b>293-109</b>	
Bicuspid w/ Mesial Hook Torque -7° Tip 0°	0.46mm (.018")	L	<b>293-098</b>	<b>293-728</b>
		R	<b>293-099</b>	<b>293-729</b>
Bicuspid w/ Mesial Hook Torque -7° Tip 0°	0.56mm (.022")	L	<b>293-100</b>	<b>293-730</b>
		R	<b>293-101</b>	<b>293-731</b>
Bicuspid w/ Mesial Hook Gingival Offset Torque -7° Tip 0°	0.46mm (.018")	L	<b>293-140</b>	<b>293-141</b>
	0.56mm (.022")	L	<b>293-142</b>	<b>293-143</b>

## Packs of 5 – Mandibular Brackets

	Slot Size	Left/ Right	Bondable	Bondable w/ Vertical Slot
Anteriors Torque -1° Tip 0°	0.46mm (.018")	L/R	<b>293-050</b>	<b>293-754</b>
	0.56mm (.022")	L/R	<b>293-052</b>	<b>293-755</b>
Anteriors Torque -12° Tip 0°	0.46mm (.018")	L/R	<b>293-049</b>	
	0.56mm (.022")	L/R	<b>293-047</b>	
Cuspid w/o Hook Torque -11° Tip +6°	0.46mm (.018")	L	<b>293-054</b>	<b>293-758</b>
		R	<b>293-055</b>	<b>293-759</b>
Cuspid w/o Hook Torque -11° Tip +6°	0.56mm (.022")	L	<b>293-056</b>	<b>293-760</b>
		R	<b>293-057</b>	<b>293-761</b>
Cuspid w/ Distal Hook Torque -11° Tip +6°	0.46mm (.018")	L	<b>293-058</b>	<b>293-762</b>
		R	<b>293-059</b>	<b>293-763</b>
Cuspid w/ Distal Hook Torque -11° Tip +6°	0.56mm (.022")	L	<b>293-060</b>	<b>293-764</b>
		R	<b>293-061</b>	<b>293-765</b>
1st Bicuspid w/o Hook Torque -17° Tip 0°	0.46mm (.018")	L/R	<b>293-062</b>	<b>293-766</b>
	0.56mm (.022")	L/R	<b>293-063</b>	<b>293-767</b>
1st Bicuspid w/o Hook Gingival Offset Torque -17° Tip 0°	0.46mm (.018")	L/R	<b>293-110</b>	<b>293-828</b>
	0.56mm (.022")	L/R	<b>293-111</b>	<b>293-829</b>
1st Bicuspid w/ Distal Hook Torque -17° Tip 0°	0.46mm (.018")	L	<b>293-090</b>	<b>293-768</b>
		R	<b>293-091</b>	<b>293-769</b>
1st Bicuspid w/ Distal Hook Torque -17° Tip 0°	0.56mm (.022")	L	<b>293-092</b>	<b>293-770</b>
		R	<b>293-093</b>	<b>293-771</b>
1st Bicuspid w/ Distal Hook Gingival Offset Torque -17° Tip 0°	0.46mm (.018")	L	<b>293-144</b>	<b>293-820</b>
		R	<b>293-145</b>	<b>293-821</b>
1st Bicuspid w/ Distal Hook Gingival Offset Torque -17° Tip 0°	0.56mm (.022")	L	<b>293-146</b>	<b>293-822</b>
		R	<b>293-147</b>	<b>293-823</b>
2nd Bicuspid w/o Distal Hook Torque -22° Tip 0°	0.46mm (.018")	L/R	<b>293-064</b>	<b>293-772</b>
	0.56mm (.022")	L/R	<b>293-065</b>	<b>293-773</b>
2nd Bicuspid w/o Distal Hook Torque -22° Tip 0°	0.46mm (.018")	L/R	<b>293-112</b>	<b>293-830</b>
	0.56mm (.022")	L/R	<b>293-113</b>	<b>293-831</b>
2nd Bicuspid w/Distal Hook Torque -22° Tip 0°	0.46mm (.018")	L	<b>293-082</b>	<b>293-774</b>
		R	<b>293-083</b>	<b>293-775</b>
2nd Bicuspid w/Distal Hook Torque -22° Tip 0°	0.56mm (.022")	L	<b>293-084</b>	<b>293-776</b>
		R	<b>293-085</b>	<b>293-777</b>
2nd Bicuspid w/ Distal Hook Gingival Offset Torque -22° Tip 0°	0.46mm (.018")	L	<b>293-148</b>	<b>293-824</b>
		R	<b>293-149</b>	<b>293-825</b>
2nd Bicuspid w/ Distal Hook Gingival Offset Torque -22° Tip 0°	0.56mm (.022")	L	<b>293-150</b>	<b>293-826</b>
		R	<b>293-151</b>	<b>293-827</b>

# MBT MCLAUGHLIN, BENNETT, TREVISI SYSTEM

## Patient Kits

Slot Size	With Hooks	5/5 .027" In/Out	5/5 .047" In/Out
0.46mm (.018")	Cuspid	<b>293-390</b>	<b>293-300</b>
	Cuspid/Bicuspid	<b>293-391</b>	<b>293-301</b>
	No Hooks	<b>293-392</b>	<b>293-302</b>
0.56mm (.022")	Cuspid	<b>293-393</b>	<b>293-303</b>
	Cuspid/Bicuspid	<b>293-394</b>	<b>293-304</b>
	No Hooks	<b>293-395</b>	<b>293-305</b>

Kits contain 20 brackets.

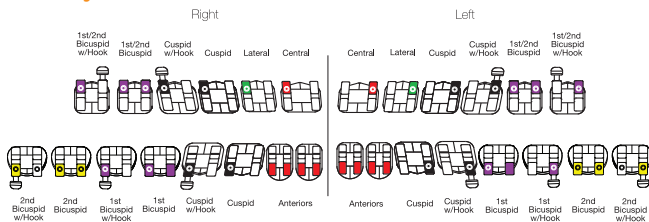
## Packs of 5 – Maxillary Brackets

	Slot Size	Left/ Right	Bondable
Central Torque +17° Tip +5°	0.46mm (.018")	L	<b>293-310</b>
		R	<b>293-311</b>
	0.56mm (.022")	L	<b>293-312</b>
	R	<b>293-313</b>	
Lateral Torque +10° Tip +7°	0.46mm (.018")	L	<b>293-314</b>
		R	<b>293-315</b>
	0.56mm (.022")	L	<b>293-316</b>
	R	<b>293-317</b>	
Cuspid w/o Hook Torque -7° Tip +8°	0.46mm (.018")	L	<b>293-318</b>
		R	<b>293-319</b>
	0.56mm (.022")	L	<b>293-320</b>
	R	<b>293-321</b>	
Cuspid w/ Distal Hook Torque 0° Tip +7°	0.46mm (.018")	L	<b>293-322</b>
		R	<b>293-323</b>
	0.56mm (.022")	L	<b>293-324</b>
	R	<b>293-325</b>	
Universal Bicuspid w/o Hook Torque -7° Tip 0° In/Out Comp. .027"	0.46mm (.018")	L/R	<b>293-326</b>
		L/R	<b>293-328</b>
	0.56mm (.022")	L/R	<b>293-327</b>
Universal Bicuspid w/ Hook Torque -7° Tip 0° In/Out Comp. .027"	0.46mm (.018")	L	<b>293-330</b>
		R	<b>293-331</b>
	0.56mm (.022")	L	<b>293-332</b>
	R	<b>293-333</b>	
Opt. 2nd Bicuspid w/o Hook Torque -7° Tip 0° In/Out Comp. .047"	0.46mm (.018")	L/R	<b>293-334</b>
		L/R	<b>293-335</b>
	0.56mm (.022")	L/R	<b>293-335</b>
Opt. 2nd Bicuspid w/ Hook Torque -7° Tip 0° In/Out Comp. .047"	0.46mm (.018")	L	<b>293-336</b>
		R	<b>293-337</b>
	0.56mm (.022")	L	<b>293-338</b>
	R	<b>293-339</b>	

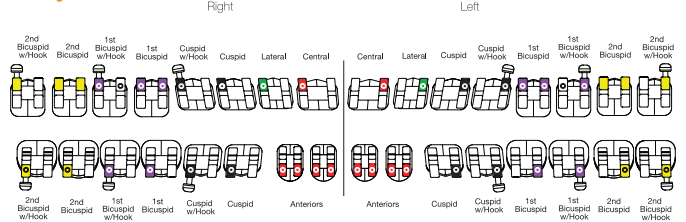
## Packs of 5 – Mandibular Brackets

	Slot Size	Left/ Right	Bondable
Anteriors Torque -6° Tip 0°	0.46mm (.018")	L/R	<b>293-354</b>
	0.56mm (.022")	L/R	<b>293-355</b>
Cuspid w/o Hook Torque -7° Tip +3°	0.46mm (.018")	L	<b>293-356</b>
		R	<b>293-357</b>
	0.56mm (.022")	L	<b>293-358</b>
	R	<b>293-359</b>	
Cuspid w/ Distal Hook Torque 0° Tip +3°	0.46mm (.018")	L	<b>293-360</b>
		R	<b>293-361</b>
	0.56mm (.022")	L	<b>293-362</b>
	R	<b>293-363</b>	
1st Bicuspid w/o Hook Gingival Offset Torque -12° Tip +2°	0.46mm (.018")	L	<b>293-364</b>
	R	<b>293-365</b>	
	0.56mm (.022")	L	<b>293-366</b>
	R	<b>293-367</b>	
1st Bicuspid w/ Distal Hook Gingival Offset Torque -12° Tip +2°	0.46mm (.018")	L	<b>293-368</b>
		R	<b>293-369</b>
	0.56mm (.022")	L	<b>293-370</b>
	R	<b>293-371</b>	
2nd Bicuspid w/o Hook Gingival Offset Torque -17° Tip +2°	0.46mm (.018")	L	<b>293-372</b>
		R	<b>293-373</b>
	0.56mm (.022")	L	<b>293-374</b>
	R	<b>293-375</b>	
2nd Bicuspid w/ Distal Hook Gingival Offset Torque -17° Tip +2°	0.46mm (.018")	L	<b>293-376</b>
		R	<b>293-377</b>
	0.56mm (.022")	L	<b>293-378</b>
	R	<b>293-379</b>	

## Roth System



## MBT System





TP Orthodontics, Inc.



For more information,  
go to [tportho.com](http://tportho.com).

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United Kingdom	44 (0) 113 2539192
United States	800-348-8856

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