



## Buccal Tubes

DENTSPLY GAC is proud to provide comprehensive line buccal tubes for your practice. Our entire line, including our standard buccal tubes, is made from high quality 17/4 PH grade stainless steel. All of

the ball hooks come standard with a rounded edge for enhanced patient comfort. In addition to the standard buccal tubes DENTSPLY GAC has to offer, we offer a full line of premium buccal tubes.

For better dentistry

**DENTSPLY**  
GAC

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# Buccal Tubes

## Premium Buccal Tubes

### E-Tubes

Our premier E-Tubes offer a streamlined approach for bonding to erupting second molars.

#### Features

- A low-profile height of .030".
- The hook is parallel to the tube.
- Unique dimpled feature on the bonding base.

#### Benefits

- The low profile and compact design offers a distinct level of patient comfort.
- The position of the hook reduces gingival and mucosa impingement.
- The unique dimpled base ideally conforms to the buccal surface and offers a better fit on partially erupted and excess gingiva areas.

### MacroTubes

The key component of our convertible MacroTubes is the enlarged passageway for archwire threading. This line of buccal tube is manufactured with 50% more brazing material.

#### Features

- 50% wider at the archwire entrance.
- The convertible cap is 50% stronger than the traditional cap.
- Available in bondable for the lower first molars.

#### Benefits

- Easier placement of larger wires via the wider slot.
- The stronger convertible cap is more resistant to failure.
- Caps\* open easily and effectively on highly rotated molars.

\*Please use GAC's Convertible Cap Remover, 97-999-90

### Saddle Tubes

Like our premium MacroTubes, you can enjoy a larger passageway for wires. This particular tube is non-convertible also provides the convenience of an extended span.

#### Features

- Our Saddle Tubes feature enlarged entrance holes and exit holes.
- Extended span size.
- Available only in non-convertible.

#### Benefits

- Larger areas for entrance and exiting allow for more convenient placement of archwire, which also reduced the need for a convertible thread.
- Increased span size allows for optimal rotational control.
- Reduces the binding of archwire against the slot wall upon severe cases of rotation.
- As part of the efficient design, tie-wings are not present so there is reduced interference with occlusion.

### Self-Ligating Tubes

All of the benefits you have come to enjoy with the premier In-Ovation series!

#### Features

- Self-Ligating clip for retaining archwire.
- Low-profile design.
- Ultra-smooth Metal Injection Molded construction.

#### Benefits

- Ease of use coupled with an audible "click" upon closing the clip.
- Greater efficiency from eliminating the tedious chore of continually retying previously converted buccal tubes.
- Increased patient comfort from the elimination of external ligatures.

## Maxillary

### Single Tubes



Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
Roth	Conv	-10	14D	0	.018 x .025
Roth	Conv	-10	14D	0	.018 x .025
Roth	Conv	-10	14D	0	.022 x .028
Roth	Conv	-10	14D	0	.022 x .028
Roth	Non-Conv	-14	14D	0	.018 x .025
Roth	Non-Conv	-14	14D	0	.018 x .025
Roth	Non-Conv	-14	14D	0	.022 x .028
Roth	Non-Conv	-14	14D	0	.022 x .028
Roth	Non-Conv	-14	14D	0	.018 x .025
Roth	Non-Conv	-14	14D	0	.018 x .025
Roth	Non-Conv	-14	14D	0	.022 x .028
Roth	Non-Conv	-14	14D	0	.022 x .028
Roth	Non-Conv	-14	14D	0	.018 x .025
Roth	Non-Conv	-10	14D	0	.018 x .025
Roth	Non-Conv	-10	14D	0	.022 x .028
Roth	Non-Conv	-10	14D	0	.022 x .028
Roth	Macro/Conv	-10	14D	0	.018 x .025
Roth	Macro/Conv	-10	14D	0	.018 x .025
Roth	Macro/Conv	-10	14D	0	.022 x .028
Roth	Macro/Conv	-10	14D	0	.022 x .028
Roth	Non-Conv	-14	0	0	.018 x .025
Roth	Non-Conv	-14	0	0	.018 x .025
Roth	Non-Conv	-14	0	0	.022 x .028
Roth	Non-Conv	-14	0	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.0	3.5	4.84	R	68-161-05	69-161-05
4.0	3.5	4.84	L	68-261-05	69-261-05
4.0	3.5	4.84	R	68-162-05	69-162-05
4.0	3.5	4.84	L	68-262-05	69-262-05
4.2	1.8	3.14	R	68-171-05	69-171-05
4.2	1.8	3.14	L	68-271-05	69-271-05
4.2	1.8	3.14	R	68-172-05	69-172-05
4.2	1.8	3.14	L	68-272-05	69-272-05
4.2	1.8	3.14	R	68-171-80	69-171-80
4.2	1.8	3.14	L	68-271-80	69-271-80
4.2	1.8	3.14	R	68-172-80	69-172-80
4.2	1.8	3.14	L	68-272-80	69-272-80
4.0	1.8	3.14	R	68-171-15	69-171-15
4.0	1.8	3.14	L	68-271-15	69-271-15
4.0	1.8	3.14	R	68-172-15	69-172-15
4.0	1.8	3.14	L	68-272-15	69-272-15
3.0	1.8	2.9	R	68-171-21	69-171-21
3.0	1.8	2.9	L	68-271-21	69-271-21
3.0	1.8	2.9	R	68-172-21	69-172-21
3.0	1.8	2.9	L	68-272-21	69-272-21
4.0	3.5	4.84	R	68-161-35	69-161-35
4.0	3.5	4.84	L	68-261-35	69-261-35
4.0	3.5	4.84	R	68-162-35	69-162-35
4.0	3.5	4.84	L	68-262-35	69-262-35
4.0	1.8	3.14	R	68-171-82	69-171-82
4.0	1.8	3.14	L	68-271-82	69-271-82
4.0	1.8	3.14	R	68-172-82	69-172-82
4.0	1.8	3.14	L	68-272-82	69-272-82

**Molar Identification Key**

68-3**6**1-42 “**6**” indicates first molar tube  
 68-3**7**1-42 “**7**” indicates second molar tube

## Maxillary

### Single Tubes



Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
Roth	Self-Ligation	-10	14D	0	.018 x .025
Roth	Self-Ligation	-10	14D	0	.018 x .025
Roth	Self-Ligation	-10	14D	0	.022 x .028
Roth	Self-Ligation	-10	14D	0	.022 x .028



Roth	Conv	-14	14D	0	.018 x .025
Roth	Conv	-14	14D	0	.018 x .025
Roth	Conv	-14	14D	0	.022 x .028
Roth	Conv	-14	14D	0	.022 x .028



Roncone	Non-Conv	-20	20D	0	.018 x .025
Roncone	Non-Conv	-20	20D	0	.018 x .025
Roncone	Non-Conv	-20	20D	0	.022 x .028
Roncone	Non-Conv	-20	20D	0	.022 x .028



Cetlin	Non-Conv	-14	14D	0	.018 x .025
Cetlin	Non-Conv	-14	14D	0	.018 x .025
Cetlin	Non-Conv	-14	14D	0	.022 x .028
Cetlin	Non-Conv	-14	14D	0	.022 x .028



Euro	Non-Conv	-14	10D	0	.018 x .025
Euro	Non-Conv	-14	10D	0	.018 x .025
Euro	Non-Conv	-14	10D	0	.022 x .028
Euro	Non-Conv	-14	10D	0	.022 x .028



Euro	Self-Ligation	-14	10D	0	.018 x .025
Euro	Self-Ligation	-14	10D	0	.018 x .025
Euro	Self-Ligation	-14	10D	0	.022 x .028
Euro	Self-Ligation	-14	10D	0	.022 x .028



Alpern	Non-Conv	-10	0	0	.018 x .025
Alpern	Non-Conv	-10	0	0	.018 x .025
Alpern	Non-Conv	-10	0	0	.022 x .028
Alpern	Non-Conv	-10	0	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.0	3.5	4.84	R	88-161-05	
4.0	3.5	4.84	L	88-261-05	
4.0	3.5	4.84	R	88-162-05	
4.0	3.5	4.84	L	88-262-05	
4.0	3.5	4.84	R	68-161-84	69-161-84
4.0	3.5	4.84	L	68-261-84	69-261-84
4.0	3.5	4.84	R	68-162-84	69-162-84
4.0	3.5	4.84	L	68-262-84	69-262-84
4.0	1.8	3.07	R	68-171-62	69-171-62
4.0	1.8	3.07	L	68-271-62	69-271-62
4.0	1.8	3.07	R	68-172-62	69-172-62
4.0	1.8	3.07	L	68-272-62	69-272-62
4.0	1.8	3.33	R	68-171-01	69-171-01
4.0	1.8	3.33	L	68-271-01	69-271-01
4.0	1.8	3.33	R	68-172-01	69-172-01
4.0	1.8	3.33	L	68-272-01	69-272-01
4.2	1.8	3.14	R	68-171-81	69-171-81
4.2	1.8	3.14	L	68-271-81	69-271-81
4.2	1.8	3.14	R	68-172-81	69-172-81
4.2	1.8	3.14	L	68-272-81	69-272-81
4.6	4.5	5.8	R	88-161-81	
4.6	4.5	5.8	L	88-261-81	
4.6	4.5	5.8	R	88-162-81	
4.6	4.5	5.8	L	88-262-81	
2.0	1.6	3.6	R	68-171-30	
2.0	1.6	3.6	L	68-271-30	
2.0	1.6	3.6	R	68-172-30	
2.0	1.6	3.6	L	68-272-30	

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Maxillary

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Alpern	Non-Conv	0	0	0	.018 x .025
Alpern	Non-Conv	0	0	0	.018 x .025
Alpern	Non-Conv	0	0	0	.022 x .028
Alpern	Non-Conv	0	0	0	.022 x .028
Alpern	Non-Conv	-10	0	0	.018 x .025
Alpern	Non-Conv	-10	0	0	.018 x .025
Alpern	Non-Conv	-10	0	0	.022 x .028
Alpern	Non-Conv	-10	0	0	.022 x .028
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.022 x .028
Andrews	Conv	-10	7D	0	.022 x .028
Andrews	W/O Cover	-10	7D	0	.018 x .025
Andrews	W/O Cover	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.022 x .028





Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
2.0	1.6	3.6	R	68-171-31	
2.0	1.6	3.6	L	68-271-31	
2.0	1.6	3.6	R	68-172-31	
2.0	1.6	3.6	L	68-272-31	
2.0	1.6	3.6	R	68-171-32	
2.0	1.6	3.6	L	68-271-32	
2.0	1.6	3.6	R	68-172-32	
2.0	1.6	3.6	L	68-272-32	
3.6	3.45	5	R	68-161-15	69-161-15
3.6	3.45	5	L	68-261-15	69-261-15
3.6	3.45	5	R	68-162-15	69-162-15
3.6	3.45	5	L	68-262-15	69-262-15
3.6	3.45	5	R	68-161-45	
3.6	3.45	5	L	68-261-45	
5.5	2.0	3.04	R	68-161-152	69-161-152
5.5	2.0	3.04	L	68-261-152	69-261-152
5.5	2.0	3.04	R	68-162-152	69-162-152
5.5	2.0	3.04	L	68-262-152	69-262-152
4.0	1.8	3.09	R	68-171-09	69-171-09
4.0	1.8	3.09	L	68-271-09	69-271-09
4.0	1.8	3.09	R	68-172-09	69-172-09
4.0	1.8	3.09	L	68-272-09	69-272-09

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Maxillary

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.018 x .025
Andrews	Non-Conv	-10	7D	0	.022 x .028
Andrews	Non-Conv	-10	7D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.022 x .028
Hasund	Non-Conv	-25	6D	0	.018 x .025
Hasund	Non-Conv	-25	6D	0	.018 x .025
Peucat	Non-Conv	-10	7D	0	.018 x .025
Peucat	Non-Conv	-10	7D	0	.018 x .025
Peucat	Non-Conv	-10	7D	0	.022 x .028
Peucat	Non-Conv	-10	7D	0	.022 x .028
Peucat	Saddle/Non-Conv	-10	7D	0	.018 x .025
Peucat	Saddle/Non-Conv	-10	7D	0	.018 x .025
Peucat	Saddle/Non-Conv	-10	7D	0	.022 x .028
Peucat	Saddle/Non-Conv	-10	7D	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
3.0	1.8	2.9	R	68-171-20	69-171-20
3.0	1.8	2.9	L	68-271-20	69-271-20
3.0	1.8	2.9	R	68-172-20	69-172-20
3.0	1.8	2.9	L	68-272-20	69-272-20
4.0	1.8	3.14	R	68-171-50	69-171-50
4.0	1.8	3.14	L	68-271-50	69-271-50
4.0	1.8	3.14	R	68-172-50	69-172-50
4.0	1.8	3.14	L	68-272-50	69-272-50
4.4	1.8	3.54	R	68-161-42	69-161-42
4.4	1.8	3.54	L	68-261-42	69-261-42
4.4	1.8	3.54	R	68-162-42	69-162-42
4.4	1.8	3.54	L	68-262-42	69-262-42
4.4	1.8	3.54	R	68-171-42	69-171-42
4.4	1.8	3.54	L	68-271-42	69-271-42
4.4	1.8	3.54	R	68-172-42	69-172-42
4.4	1.8	3.54	L	68-272-42	69-272-42
4.0	1.8	2.99	R	68-171-04	69-171-04
4.0	1.8	2.99	L	68-271-04	69-271-04
3.0	1.8	2.9	R	68-171-24	
3.0	1.8	2.9	L	68-271-24	
3.0	1.8	2.9	R	68-172-24	
3.0	1.8	2.9	L	68-272-24	
3.5	2.0	3.04	R	68-171-242	69-171-242
3.5	2.0	3.04	L	68-271-242	69-271-242
3.5	2.0	3.04	R	68-172-242	69-172-242
3.5	2.0	3.04	L	68-272-242	69-272-242

**Molar Identification Key**

68-3**6**1-42 “**6**” indicates first molar tube  
 68-3**7**1-42 “**7**” indicates second molar tube

## Maxillary

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Canadian	Non-Conv	-20	14D	0	.022 x .028
Canadian	Non-Conv	-20	14D	0	.022 x .028
Standard	E-Tube/Non-Conv	-10	6D	0	.018 x .025
Standard	E-Tube/Non-Conv	-10	6D	0	.018 x .025
Standard	E-Tube/Non-Conv	-10	6D	0	.022 x .028
Standard	E-Tube/Non-Conv	-10	6D	0	.022 x .028
Standard	E-Tube/Non-Conv	-10	0	0	.018 x .025
Standard	E-Tube/Non-Conv	-10	0	0	.018 x .025
Standard	E-Tube/Non-Conv	-10	0	0	.022 x .028
Standard	E-Tube/Non-Conv	-10	0	0	.022 x .028





Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.2	1.8	3.14	R	68-172-14	69-172-14
4.2	1.8	3.14	L	68-272-14	69-272-14
4.0	1.6	3.29	R	68-171-33	
4.0	1.6	3.29	L	68-271-33	
4.0	1.6	3.29	R	68-172-33	
4.0	1.6	3.29	L	68-272-33	
4.0	1.4	2.6	R	68-171-37	
4.0	1.4	2.6	L	68-271-37	
4.0	1.4	2.6	R	68-172-37	
4.0	1.4	2.6	L	68-272-37	

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Double Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roth	Conv	-14	14D	0	.018 x .025		
Roth	Conv	-14	14D	0	.018 x .025		
Roth	Conv	-14	14D	0	.022 x .028		
Roth	Conv	-14	14D	0	.022 x .028		



Roth	Conv	-14	14D	0	.018 x .025	045/GING	14D
Roth	Conv	-14	14D	0	.018 x .025	045/GING	14D
Roth	Conv	-14	14D	0	.022 x .028	045/GING	14D
Roth	Conv	-14	14D	0	.022 x .028	045/GING	14D



Roth	Conv	-14	14D	0	.018 x .025		
Roth	Conv	-14	14D	0	.018 x .025		
Roth	Conv	-14	14D	0	.022 x .028		
Roth	Conv	-14	14D	0	.022 x .028		



Standard	Conv	0	6D	0	.018 x .025		
Standard	Conv	0	6D	0	.018 x .025		
Standard	Conv	0	6D	0	.022 x .028		
Standard	Conv	0	6D	0	.022 x .028		



Roncone	Self-Ligation	-20	20D	0	.018 x .025		
Roncone	Self-Ligation	-20	20D	0	.018 x .025		
Roncone	Self-Ligation	-20	20D	0	.022 x .028		
Roncone	Self-Ligation	-20	20D	0	.022 x .028		



Euro	Conv	-14	10D	0	.018 x .025	045/GING	10D
Euro	Conv	-14	10D	0	.018 x .025	045/GING	10D
Euro	Conv	-14	10D	0	.022 x .028	045/GING	10D
Euro	Conv	-14	10D	0	.022 x .028	045/GING	10D



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018 x .025	4.0	4.05	5.35	R	68-161-11	69-161-11
-14	14D	0	.018 x .025	4.0	4.05	5.35	L	68-261-11	69-261-11
-14	14D	0	.018 x .025	4.0	4.05	5.35	R	68-162-11	69-162-11
-14	14D	0	.018 x .025	4.0	4.05	5.35	L	68-262-11	69-262-11
				4.2	4.6	6.1	R		69-161-51
				4.2	4.6	6.1	L		69-261-51
				4.2	4.6	6.1	R		69-162-51
				4.2	4.6	6.1	L		69-262-51
-14	14D	0	.022 x .028	4.0	4.05	5.35	R	68-161-83	69-161-83
-14	14D	0	.022 x .028	4.0	4.05	5.35	L	68-261-83	69-261-83
-14	14D	0	.022 x .028	4.0	4.05	5.35	R	68-162-83	69-162-83
-14	14D	0	.022 x .028	4.0	4.05	5.35	L	68-262-83	69-262-83
-20	20D	0	.018 x .025	4.0	4.3	5.64	R	68-161-62	69-161-62
-20	20D	0	.018 x .025	4.0	4.3	5.64	L	68-261-62	69-261-62
-20	20D	0	.018 x .025	4.0	4.3	5.64	R	68-162-62	69-162-62
-20	20D	0	.018 x .025	4.0	4.3	5.64	L	68-262-62	69-262-62
-20	20D	0	.018 x .025	4.2	3.83	5.17	R	88-161-62	
-20	20D	0	.018 x .025	4.2	3.83	5.17	L	88-261-62	
-20	20D	0	.018 x .025	4.2	3.83	5.17	R	88-162-62	
-20	20D	0	.018 x .025	4.2	3.83	5.17	L	88-262-62	
				4.2	4.45	5.8	R	68-161-81	69-161-81
				4.2	4.45	5.8	L	68-261-81	69-261-81
				4.2	4.45	5.8	R	68-162-81	69-162-81
				4.2	4.45	5.8	L	68-262-81	69-262-81

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Double Tubes



Image  
Not Available



Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
Euro	Conv	-14	10D	0	.018 x .025
Euro	Conv	-14	10D	0	.018 x .025
Euro	Conv	-14	10D	0	.022 x .028
Euro	Conv	-14	10D	0	.022 x .028
SW	Conv	-10	14D	0	.018 x .025
SW	Conv	-10	14D	0	.018 x .025
SW	Conv	-10	14D	0	.022 x .028
SW	Conv	-10	14D	0	.022 x .028
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.022 x .028
Andrews	Conv	-10	7D	0	.022 x .028
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.018 x .025
Andrews	Conv	-10	7D	0	.022 x .028
Andrews	Conv	-10	7D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.018 x .025
Generous	Non-Conv	-10	6D	0	.022 x .028
Generous	Non-Conv	-10	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.018 x .025
Generous	Non-Conv	0	6D	0	.018 x .025
Generous	Non-Conv	0	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.022 x .028
Gianelly	Conv	0	14D	0	.018 x .025
Gianelly	Conv	0	14D	0	.018 x .025
Gianelly	Conv	0	14D	0	.022 x .028
Gianelly	Conv	0	14D	0	.022 x .028



Extra Oral Tube		Dimensions				L/R	Reference Number	
Size/Post	Offset	Span	Wide	Hook/Wide	Bondable		Weldable	
045/OCCL	0	4.6	4.5	6.05	R		69-161-79	
045/OCCL	0	4.6	4.5	6.05	L		69-261-79	
045/OCCL	0	4.6	4.5	6.05	R		69-162-79	
045/OCCL	0	4.6	4.5	6.05	L		69-262-79	
045/OCCL	7D	4.0	4.45	5.64	R		69-161-50	
045/OCCL	7D	4.0	4.45	5.64	L		69-261-50	
045/OCCL	7D	4.0	4.45	5.64	R		69-162-50	
045/OCCL	7D	4.0	4.45	5.64	L		69-262-50	
051/GING	7D	4.0	4.55	6.05	R		69-161-10	
051/GING	7D	4.0	4.55	6.05	L		69-261-10	
051/GING	7D	4.0	4.55	6.05	R		69-162-10	
051/GING	7D	4.0	4.55	6.05	L		69-262-10	
045/GING	7D	4.0	4.55	6.05	R	68-161-13	69-161-13	
045/GING	7D	4.0	4.55	6.05	L	68-261-13	69-261-13	
045/GING	7D	4.0	4.55	6.05	R	68-162-13	69-162-13	
045/GING	7D	4.0	4.55	6.05	L	68-262-13	69-262-13	
045/GING	6D	4.4	4.2	5.54	R	68-161-40	69-161-40	
045/GING	6D	4.4	4.2	5.54	L	68-261-40	69-261-40	
045/GING	6D	4.4	4.2	5.54	R	68-162-40	69-162-40	
045/GING	6D	4.4	4.2	5.54	L	68-262-40	69-262-40	
045/OCCL	6D	4.4	4.2	5.54	R		69-161-41	
045/OCCL	6D	4.4	4.2	5.54	L		69-261-41	
045/OCCL	6D	4.4	4.2	5.54	R	68-162-41	69-162-41	
045/OCCL	6D	4.4	4.2	5.54	L	68-262-41	69-262-41	
051/OCCL	7D	4.2	4.55	5.86	R	68-161-64	69-161-64	
051/OCCL	7D	4.2	4.55	5.86	L	68-261-64	69-261-64	
051/OCCL	7D	4.2	4.55	5.86	R	68-162-64	69-162-64	
051/OCCL	7D	4.2	4.55	5.86	L	68-262-64	69-262-64	

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

## Maxillary



### Double Tubes

Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
Canadian	Conv	-14	14D	0	.022 x .028
Canadian	Conv	-14	14D	0	.022 x .028
Standard	Conv	0	0	0	.018 x .025
Standard	Conv	0	0	0	.018 x .025
Standard	Conv	0	0	0	.022 x .028
Standard	Conv	0	0	0	.022 x .028
Standard	Non-Conv	0	6D	0	.018 x .025
Standard	Non-Conv	0	6D	0	.018 x .025
Standard	Non-Conv	0	6D	0	.022 x .028
Standard	Non-Conv	0	6D	0	.022 x .028
Standard	Conv	0	6D	0	.018 x .025
Standard	Conv	0	6D	0	.018 x .025
Standard	Conv	0	6D	0	.022 x .028
Standard	Conv	0	6D	0	.022 x .028





Extra Oral Tube		Dimensions				Reference Number	
Size/Post	Offset	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
045/GING	0	4.0	4.55		R	68-162-14	69-162-14
045/GING	0	4.0	4.55		L	68-262-14	69-262-14
045/OCCL	0	4.0	4.4	5.75	R	68-161-06	69-161-06
045/OCCL	0	4.0	4.4	5.75	L	68-261-06	69-261-06
045/OCCL	0	4.0	4.4	5.75	R	68-162-06	69-162-06
045/OCCL	0	4.0	4.4	5.75	L	68-262-06	69-262-06
051/OCCL	0	4.8	3.85	5.28	R		69-161-19
051/OCCL	0	4.8	3.85	5.28	L		69-261-19
051/OCCL	0	4.8	3.85	5.28	R		69-162-19
051/OCCL	0	4.8	3.85	5.28	L		69-262-19
045/OCCL	6D	4.0	4.55	5.91	R	68-161-55	69-161-55
045/OCCL	6D	4.0	4.55	5.91	L	68-261-55	69-261-55
045/OCCL	6D	4.0	4.55	5.91	R		69-162-55
045/OCCL	6D	4.0	4.55	5.91	L		69-262-55

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Double Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roncone	Conv	-20	20D	0	.018 x .025		
Roncone	Conv	-20	20D	0	.018 x .025		
Roncone	Conv	-20	20D	0	.022 x .028		
Roncone	Conv	-20	20D	0	.022 x .028		



Standard	Conv	0	6D	0	.018 x .025	051/OCCL	6D
Standard	Conv	0	6D	0	.018 x .025	051/OCCL	6D
Standard	Conv	0	6D	0	.022 x .028	051/OCCL	6D
Standard	Conv	0	6D	0	.022 x .028	051/OCCL	6D



Standard	Non-Conv	0	0	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	0	0	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	0	0	0	.022 x .028	045/OCCL	0
Standard	Non-Conv	0	0	0	.022 x .028	045/OCCL	0



Standard	Non-Conv	0	6D	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	0	6D	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	0	6D	0	.022 x .028	045/OCCL	0
Standard	Non-Conv	0	6D	0	.022 x .028	045/OCCL	0



Standard	Non-Conv	-10	6D	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	-10	6D	0	.018 x .025	045/OCCL	0
Standard	Non-Conv	-10	6D	0	.022 x .028	045/OCCL	0
Standard	Non-Conv	-10	6D	0	.022 x .028	045/OCCL	0



Standard	Non-Conv	-10	6D	0	.018 x .025	051/OCCL	0
Standard	Non-Conv	-10	6D	0	.018 x .025	051/OCCL	0
Standard	Non-Conv	-10	6D	0	.022 x .028	051/OCCL	0
Standard	Non-Conv	-10	6D	0	.022 x .028	051/OCCL	0



Standard	Non-Conv	0	0	0	.018 x .025	051/OCCL	0
Standard	Non-Conv	0	0	0	.018 x .025	051/OCCL	0
Standard	Non-Conv	0	0	0	.022 x .028	051/OCCL	0
Standard	Non-Conv	0	0	0	.022 x .028	051/OCCL	0



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-20	20D	0	.018 x .025	4.0	4.3	5.64	R	68-161-60	
-20	20D	0	.018 x .025	4.0	4.3	5.64	L	68-261-60	
-20	20D	0	.022 x .028	4.0	4.3	5.64	R	68-162-60	
-20	20D	0	.022 x .028	4.0	4.3	5.64	L	68-262-60	
				4.0	4.55	5.91	R		69-161-60
				4.0	4.55	5.91	L		69-261-60
				4.0	4.55	5.91	R		69-162-60
				4.0	4.55	5.91	L		69-262-60
				4.8	3.7	5.13	R	68-161-91	69-161-91
				4.8	3.7	5.13	L	68-261-91	69-261-91
				4.8	3.7	5.13	R	68-162-91	69-162-91
				4.8	3.7	5.13	L	68-262-91	69-262-91
				4.8	3.85	5.28	R		69-161-93
				4.8	3.85	5.28	L		69-261-93
				4.8	3.85	5.28	R		69-162-93
				4.8	3.85	5.28	L		69-262-93
				4.8	3.7	5.13	R		69-161-94
				4.8	3.7	5.13	L		69-261-94
				4.8	3.7	5.13	R		69-162-94
				4.8	3.7	5.13	L		69-262-94
				4.8	3.7	5.13	R		69-161-95
				4.8	3.7	5.13	L		69-261-95
				4.8	3.7	5.13	R		69-162-95
				4.8	3.7	5.13	L		69-262-95
				4.8	3.7	5.13	R		69-161-96
				4.8	3.7	5.13	L		69-261-96
				4.8	3.7	5.13	R		69-162-96
				4.8	3.7	5.13	L		69-262-96

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Triple Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roth	Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	051/OCCL	14D
Roth	Conv	-14	14D	0	.022 x .028	051/OCCL	14D
Roth	Conv	-14	0	0	.018 x .025	045/OCCL	0
Roth	Conv	-14	0	0	.018 x .025	045/OCCL	0
Roth	Conv	-14	0	0	.022 x .028	045/OCCL	0
Roth	Conv	-14	0	0	.022 x .028	045/OCCL	0
Roth	Conv	-14	0	0	.018 x .025	051/OCCL	0
Roth	Conv	-14	0	0	.018 x .025	051/OCCL	0
Roth	Conv	-14	0	0	.022 x .028	051/OCCL	0
Roth	Conv	-14	0	0	.022 x .028	051/OCCL	0
Roth	Non-Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Non-Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Non-Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Non-Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Ricketts	Non-Conv	0	0	0	.018 x .025	045/OCCL	0
Ricketts	Non-Conv	0	0	0	.018 x .025	045/OCCL	0
Ricketts	Non-Conv	0	0	0	.022 x .028	045/OCCL	0
Ricketts	Non-Conv	0	0	0	.022 x .028	045/OCCL	0
Ricketts	Conv	0	0	0	.018 x .025	045/GING	0
Ricketts	Conv	0	0	0	.018 x .025	045/GING	0
Ricketts	Conv	0	0	0	.022 x .028	045/GING	0
Ricketts	Conv	0	0	0	.022 x .028	045/GING	0
Ricketts	Conv	0	0	0	.018 x .025	045/GING	0
Ricketts	Conv	0	0	0	.018 x .025	045/GING	0
Ricketts	Conv	0	0	0	.022 x .028	045/GING	0
Ricketts	Conv	0	0	0	.022 x .028	045/GING	0



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-14	14D	0	.018 x .025	4.2	4.9	6.32	R		69-161-18
-14	14D	0	.018 x .025	4.2	4.9	6.32	L		69-261-18
-14	14D	0	.018 x .025	4.2	4.9	6.32	R	68-162-18	69-162-18
-14	14D	0	.018 x .025	4.2	4.9	6.32	L	68-262-18	69-262-18
-14	14D	0	.022 x .028	4.2	4.9	6.32	R	68-162-80	69-162-80
-14	14D	0	.022 x .028	4.2	4.9	6.32	L	68-262-80	69-262-80
-14	14D	0	.022 x .028	4.2	4.9	6.32	R		69-162-86
-14	14D	0	.022 x .028	4.2	4.9	6.32	L		69-262-86
-14	0	0	.018 x .025	4.0	4.9	6.33	R	68-161-82	69-161-82
-14	0	0	.018 x .025	4.0	4.9	6.33	L	68-261-82	69-261-82
-14	0	0	.022 x .028	4.0	4.9	6.33	R		69-162-82
-14	0	0	.022 x .028	4.0	4.9	6.33	L		69-262-82
-14	0	0	.018 x .025	4.0	4.9	6.33	R		69-161-88
-14	0	0	.018 x .025	4.0	4.9	6.33	L		69-261-88
-14	0	0	.022 x .028	4.0	4.9	6.33	R		69-162-88
-14	0	0	.022 x .028	4.0	4.9	6.33	L		69-262-88
-14	14D	0	.018 x .025	6.0	4.45	-	R		69-161-85
-14	14D	0	.018 x .025	6.0	4.45	-	L		69-261-85
-14	14D	0	.022 x .028	6.0	4.45	-	R		69-162-85
-14	14D	0	.022 x .028	6.0	4.45	-	L		69-262-85
0	0	0	.018 x .025	4.0	3.8	5.34	R	68-161-70	69-161-70
0	0	0	.018 x .025	4.0	3.8	5.34	L	68-261-70	69-261-70
0	0	0	.022 x .028	4.0	3.8	5.34	R	68-162-70	69-162-70
0	0	0	.022 x .028	4.0	3.8	5.34	L	68-262-70	69-262-70
0	0	0	.018 x .025	4.0	4.75		R	68-161-72	69-161-72
0	0	0	.018 x .025	4.0	4.75		L	68-261-72	69-261-72
0	0	0	.018 x .025	4.0	4.75		R		69-162-72
0	0	0	.018 x .025	4.0	4.75		L		69-262-72
0	0	0	.018 x .025	4.0	4.75		R		69-161-75
0	0	0	.018 x .025	4.0	4.75		L		69-261-75
0	0	0	.018 x .025	4.0	4.75		R		69-162-75
0	0	0	.018 x .025	4.0	4.75		L		69-262-75

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Triple Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roth	Saddle/ Non-Conv	-10	14D	0	.018 x .025	045/OCCL	14D
Roth	Saddle/ Non-Conv	-10	14D	0	.018 x .025	045/OCCL	14D
Roth	Saddle/ Non-Conv	-10	14D	0	.022 x .028	045/OCCL	14D
Roth	Saddle/ Non-Conv	-10	14D	0	.022 x .028	045/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.018 x .025	045/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.022 x .028	045/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.018 x .025	051/OCCL	14D
Roth	Saddle/ Non-Conv	-14	14D	0	.018 x .025	051/OCCL	14D
Roncone	Saddle/ Non-Conv	-20	20D	0	.018 x .025	051/OCCL	0
Roncone	Saddle/ Non-Conv	-20	20D	0	.018 x .025	051/OCCL	0
Roncone	Saddle/ Non-Conv	-20	20D	0	.022 x .028	051/OCCL	0
Roncone	Saddle/ Non-Conv	-20	20D	0	.022 x .028	051/OCCL	0
Cetlin	Conv	-14	14D	0	.018 x .025	045/OCCL	7D
Cetlin	Conv	-14	14D	0	.018 x .025	045/OCCL	7D
Cetlin	Conv	-14	14D	0	.022 x .028	045/OCCL	7D
Cetlin	Conv	-14	14D	0	.022 x .028	045/OCCL	7D



Aux Tube				Dimensions			L/R	Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide		Bondable	Weldable
-10	14D	0	.018 x .025	5.5	4.61		R		69-161-202
-10	14D	0	.018 x .025	5.5	4.61		L		69-261-202
-10	14D	0	.022 x .028	5.5	4.61		R		69-162-202
-10	14D	0	.022 x .028	5.5	4.61		L		69-262-202
-14	14D	0	.018 x .025	5.5	4.61		R	68-161-822	69-161-822
-14	14D	0	.018 x .025	5.5	4.61		L	68-261-822	69-261-822
-14	14D	0	.022 x .028	5.5	4.61		R	68-162-822	69-162-822
-14	14D	0	.022 x .028	5.5	4.61		L	68-262-822	69-262-822
-14	14D	0	.018 x .025	5.5	4.62		R	68-161-882	69-161-882
-14	14D	0	.018 x .025	5.5	4.62		L	68-261-882	69-261-882
-20	20D	0	.018 x .025	5.5	4.51		R		69-161-632
-20	20D	0	.018 x .025	5.5	4.51		L		69-261-632
-20	20D	0	.018 x .025	5.5	4.51		R		69-162-632
-20	20D	0	.018 x .025	5.5	4.51		L		69-262-632
0	14D	0	O28ROUND	4.0	4.7		R		69-161-01
0	14D	0	O28ROUND	4.0	4.7		L		69-261-01
0	14D	0	O28ROUND	4.0	4.7		R		69-162-01
0	14D	0	O28ROUND	4.0	4.7		L		69-262-01

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

# Buccal Tubes

## Maxillary

### Triple Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Eastham	Non-Conv	-14	14D	0	.018 x .025	045/OCCL	7D
Eastham	Non-Conv	-14	14D	0	.018 x .025	045/OCCL	7D
Eastham	Non-Conv	-14	14D	0	.022 x .028	045/OCCL	7D
Eastham	Non-Conv	-14	14D	0	.022 x .028	045/OCCL	7D
Standard	Conv	0	6D	0	.018 x .025	045/OCCL	0
Standard	Conv	0	6D	0	.018 x .025	045/OCCL	0
Standard	Conv	0	6D	0	.022 x .028	045/OCCL	0
Standard	Conv	0	6D	0	.022 x .028	045/OCCL	0
Greenfield	Non-Conv	-20	20D	0	.018 x .025	045/OCCL	8M
Greenfield	Non-Conv	-20	20D	0	.018 x .025	045/OCCL	8M
Greenfield	Non-Conv	-20	20D	0	.022 x .028	045/OCCL	8M
Greenfield	Non-Conv	-20	20D	0	.022 x .028	045/OCCL	8M
Hasund	Conv	-20	10D	3	.018 x .025	045/GING	0
Hasund	Conv	-20	10D	3	.018 x .025	045/GING	0
Hilgers	Conv	-10	15D	0	.018 x .025	045/OCCL	0
Hilgers	Conv	-10	15D	0	.018 x .025	045/OCCL	0
Hilgers	Conv	-10	15D	0	.022 x .028	045/OCCL	0
Hilgers	Conv	-10	15D	0	.022 x .028	045/OCCL	0
Melsen	Conv	-10	8D	0	.018 x .025	045/OCCL	0
Melsen	Conv	-10	8D	0	.018 x .025	045/OCCL	0
Melsen	Conv	-10	8D	0	.022 x .028	045/OCCL	0
Melsen	Conv	-10	8D	0	.022 x .028	045/OCCL	0
Ricketts	Conv	0	15D	0	.018 x .025	045/GING	15D
Ricketts	Conv	0	15D	0	.018 x .025	045/GING	15D
Ricketts	Conv	0	15D	0	.022 x .028	045/GING	15D
Ricketts	Conv	0	15D	0	.022 x .028	045/GING	15D



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
0	14D	0	028ROUND	4.0	4.35		R		69-161-02
0	14D	0	028ROUND	4.0	4.35		L		69-261-02
0	14D	0	028ROUND	4.0	4.35		R		69-162-02
0	14D	0	028ROUND	4.0	4.35		L		69-262-02
0	0	0	.018 x .025	4.0	4.8	6.28	R		69-161-52
0	0	0	.018 x .025	4.0	4.8	6.28	L		69-261-52
0	0	0	.018 x .025	4.0	4.8	6.28	R		69-162-52
0	0	0	.018 x .025	4.0	4.8	6.28	L		69-262-52
-20	20D	0	.018 x .025	5.5	4.46		R		69-161-332
-20	20D	0	.018 x .025	5.5	4.46		L		69-261-332
-20	20D	0	.018 x .025	5.5	4.46		R		69-162-332
-20	20D	0	.018 x .025	5.5	4.46		L		69-262-332
0	0	0	.018 x .025	4.0	4.7	6.08	R	68-161-04	69-161-04
0	0	0	.018 x .025	4.0	4.7	6.08	L	68-261-04	69-261-04
0	0	0	.018 x .025	4.0	4.8	6.1	R	68-161-07	69-161-07
0	0	0	.018 x .025	4.0	4.8	6.1	L	68-261-07	69-261-07
0	0	0	.018 x .025	4.0	4.8	6.1	R	68-162-07	69-162-07
0	0	0	.018 x .025	4.0	4.8	6.1	L	68-262-07	69-262-07
0	0	0	.018 x .025	4.0	4.95	6.48	R	68-161-17	69-161-17
0	0	0	.018 x .025	4.0	4.95	6.48	L	68-261-17	69-261-17
0	0	0	.018 x .025	4.0	4.95	6.48	R	68-162-17	69-162-17
0	0	0	.018 x .025	4.0	4.95	6.48	L	68-262-17	69-262-17
0	15D	0	.018 x .025	4.0	4.75		R	68-161-73	69-161-73
0	15D	0	.018 x .025	4.0	4.75		L	68-261-73	69-261-73
0	15D	0	.018 x .025	4.0	4.75		R	68-162-74	69-162-74
0	15D	0	.018 x .025	4.0	4.75		L	68-262-74	69-262-74

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Mandibular

### Single Tubes

Philosophy	Type	Main Archwire Slot				
		Torque	Offset	Angu	Slot Size	
	Roth	Macro/Conv	-25	4D	0	.018 x .025
	Roth	Macro/Conv	-25	4D	0	.018 x .025
	Roth	Macro/Conv	-25	4D	0	.022 x .028
	Roth	Macro/Conv	-25	4D	0	.022 x .028
	Roth	Etube/Non-Conv	-25	6D	0	.018 x .025
	Roth	Etube/Non-Conv	-25	6D	0	.018 x .025
	Roth	Etube/Non-Conv	-25	6D	0	.022 x .028
	Roth	Etube/Non-Conv	-25	6D	0	.022 x .028
	Roth	Etube/Non-Conv	0	0	0	.018 x .025
	Roth	Etube/Non-Conv	0	0	0	.018 x .025
	Roth	Etube/Non-Conv	0	0	0	.022 x .028
	Roth	Etube/Non-Conv	0	0	0	.022 x .028
	Roth	Etube/Non-Conv	-25	0	0	.018 x .025
	Roth	Etube/Non-Conv	-25	0	0	.018 x .025
	Roth	Etube/Non-Conv	-25	0	0	.022 x .028
	Roth	Etube/Non-Conv	-25	0	0	.022 x .028
	Roth	Non-Conv	-25	6D	0	.018 x .025
	Roth	Non-Conv	-25	6D	0	.018 x .025
	Roth	Non-Conv	-25	6D	0	.022 x .028
	Roth	Non-Conv	-25	6D	0	.022 x .028
	Roth	Conv	-25	4D	0	.018 x .025
	Roth	Conv	-25	4D	0	.018 x .025
	Roth	Conv	-25	4D	0	.022 x .028
	Roth	Conv	-25	4D	0	.022 x .028
	Roth	Non-Conv	-25	4D	0	.018 x .025
	Roth	Non-Conv	-25	4D	0	.018 x .025
	Roth	Non-Conv	-25	4D	0	.022 x .028
	Roth	Non-Conv	-25	4D	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
3.6	3.15	4.5	R	68-361-39	69-361-39
3.6	3.15	4.5	L	68-461-39	69-461-39
3.6	3.15	4.5	R	68-362-39	69-362-39
3.6	3.15	4.5	L	68-462-39	69-462-39
4.0	1.6	3.07	R	68-371-35	
4.0	1.6	3.07	L	68-471-35	
4.0	1.6	3.07	R	68-372-35	
4.0	1.6	3.07	L	68-472-35	
4.0	1.4	2.6	R	68-371-36	
4.0	1.4	2.6	L	68-471-36	
4.0	1.4	2.6	R	68-372-36	
4.0	1.4	2.6	L	68-472-36	
4.0	1.55	2.55	R	68-371-37	
4.0	1.55	2.55	L	68-471-37	
4.0	1.55	2.55	R	68-372-37	
4.0	1.55	2.55	L	68-472-37	
4.0	1.9	3.24	R	68-371-05	69-371-05
4.0	1.9	3.24	L	68-471-05	69-471-05
4.0	1.9	3.24	R	68-372-05	69-372-05
4.0	1.9	3.24	L	68-472-05	69-472-05
3.6	3.15	4.5	R	68-361-09	69-361-09
3.6	3.15	4.5	L	68-461-09	69-461-09
3.6	3.15	4.5	R	68-362-09	69-362-09
3.6	3.15	4.5	L	68-462-09	69-462-09
3.0	1.9	3.28	R	68-371-20	69-371-20
3.0	1.9	3.28	L	68-471-20	69-471-20
3.0	1.9	3.28	R	68-372-20	69-372-20
3.0	1.9	3.28	L	68-472-20	69-472-20

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Mandibular

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Roth	W/O Cover	-25	4D	0	.018 x .025
Roth	W/O Cover	-25	4D	0	.018 x .025
Roth	W/O Cover	-25	4D	0	.022 x .028
Roth	W/O Cover	-25	4D	0	.022 x .028
Roth	Non-Conv	-30	4D	-1	.018 x .025
Roth	Non-Conv	-30	4D	-1	.018 x .025
Roth	Non-Conv	-30	4D	-1	.022 x .028
Roth	Non-Conv	-30	4D	-1	.022 x .028
Roth	Conv	-30	4D	-1	.018 x .025
Roth	Conv	-30	4D	-1	.018 x .025
Roth	Conv	-30	4D	-1	.022 x .028
Roth	Conv	-30	4D	-1	.022 x .028
Roth	Self-Ligation	-25	4D	0	.018 x .025
Roth	Self-Ligation	-25	4D	0	.018 x .025
Roth	Self-Ligation	-25	4D	0	.022 x .028
Roth	Self-Ligation	-25	4D	0	.022 x .028
Euro	Self-Ligation	-20	0	0	.018 x .025
Euro	Self-Ligation	-20	0	0	.018 x .025
Euro	Self-Ligation	-20	0	0	.022 x .028
Euro	Self-Ligation	-20	0	0	.022 x .028
Light Torque	Conv	-10	0	0	.018 x .025
Light Torque	Conv	-10	0	0	.018 x .025
Light Torque	Conv	-10	0	0	.022 x .028
Light Torque	Conv	-10	0	0	.022 x .028
Light Torque	Macro/Conv	-10	0	0	.018 x .025
Light Torque	Macro/Conv	-10	0	0	.018 x .025
Light Torque	Macro/Conv	-10	0	0	.022 x .028
Light Torque	Macro/Conv	-10	0	0	.022 x .028





Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
3.6	3.15	4.5	R	68-361-49	69-361-49
3.6	3.15	4.5	L	68-461-49	69-461-49
3.6	3.15	4.5	R	68-362-49	69-362-49
3.6	3.15	4.5	L	68-462-49	69-462-49
4.0	1.9	3.24	R	68-371-80	69-371-80
4.0	1.9	3.24	L	68-471-80	69-471-80
4.0	1.9	3.24	R	68-372-80	69-372-80
4.0	1.9	3.24	L	68-472-80	69-472-80
4.0	3.2	4.48	R	68-361-86	69-361-86
4.0	3.2	4.48	L	68-461-86	69-461-86
4.0	3.2	4.48	R	68-362-86	69-362-86
4.0	3.2	4.48	L	68-462-86	69-462-86
4.0	3.5	4.77	R	88-361-09	
4.0	3.5	4.77	L	88-461-09	
4.0	3.5	4.77	R	88-362-09	
4.0	3.5	4.77	L	88-462-09	
4.0	3.5	4.7	R	88-361-81	
4.0	3.5	4.7	L	88-461-81	
4.0	3.5	4.7	R	88-362-81	
4.0	3.5	4.7	L	88-462-81	
4.0	2.3	3.6	R	68-361-12	69-361-12
4.0	2.3	3.6	L	68-461-12	69-461-12
4.0	2.3	3.6	R	68-362-12	69-362-12
4.0	2.3	3.6	L	68-462-12	69-462-12
4.0	2.3	3.6	R	68-361-32	69-361-32
4.0	2.3	3.6	L	68-461-32	69-461-32
4.0	2.3	3.6	R	68-362-32	69-362-32
4.0	2.3	3.6	L	68-462-32	69-462-32

**Molar Identification Key**

68-3**6**1-42 “**6**” indicates first molar tube  
 68-3**7**1-42 “**7**” indicates second molar tube

## Mandibular

### Single Tubes



Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
Euro	Macro/Conv	-20	0	0	.018 x .025
Euro	Macro/Conv	-20	0	0	.018 x .025
Euro	Macro/Conv	-20	0	0	.022 x .028
Euro	Macro/Conv	-20	0	0	.022 x .028
Euro	Non-Conv	-10	0	0	.018 x .025
Euro	Non-Conv	-10	0	0	.018 x .025
Euro	Non-Conv	-10	0	0	.022 x .028
Euro	Non-Conv	-10	0	0	.022 x .028
Roncone	Self-Ligation	-14	4D	0	.018 x .025
Roncone	Self-Ligation	-14	4D	0	.018 x .025
Roncone	Self-Ligation	-14	4D	0	.022 x .028
Roncone	Self-Ligation	-14	4D	0	.022 x .028
Alpern	Non-Conv/Eruption	-25	0	0	.018 x .025
Alpern	Non-Conv/Eruption	-25	0	0	.018 x .025
Alpern	Non-Conv/Eruption	-25	0	0	.022 x .028
Alpern	Non-Conv/Eruption	-25	0	0	.022 x .028
Alpern	Non-Conv/Eruption Flat Base	-25	0	0	.018 x .025
Alpern	Non-Conv/Eruption Flat Base	-25	0	0	.018 x .025
Andrews	Conv	-25	0	0	.018 x .025
Andrews	Conv	-25	0	0	.018 x .025
Andrews	Conv	-25	0	0	.022 x .028
Andrews	Conv	-25	0	0	.022 x .028
Andrews	Conv	-25	0	0	.018 x .025
Andrews	Conv	-25	0	0	.018 x .025
Andrews	Conv	-25	0	0	.022 x .028
Andrews	Conv	-25	0	0	.022 x .028
Andrews	Non-Conv	-25	0	0	.018 x .025
Andrews	Non-Conv	-25	0	0	.018 x .025
Andrews	Non-Conv	-25	0	0	.022 x .028
Andrews	Non-Conv	-25	0	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.0	3.05	4.39	R	68-361-60	69-361-60
4.0	3.05	4.39	L	68-461-60	69-461-60
4.0	3.05	4.39	R	68-362-60	69-362-60
4.0	3.05	4.39	L	68-462-60	69-462-60
3.2	1.8	3.16	R	68-371-23	69-371-23
3.2	1.8	3.16	L	68-471-23	69-471-23
3.2	1.8	3.16	R	68-372-23	69-372-23
3.2	1.8	3.16	L	68-472-23	69-472-23
4.0	3.5	4.7	R	88-361-62	
4.0	3.5	4.7	L	88-461-62	
4.0	3.5	4.7	R	88-362-62	
4.0	3.5	4.7	L	88-462-62	
2.0	1.6	3.6	R	68-371-30	
2.0	1.6	3.6	L	68-471-30	
2.0	1.6	3.6	R	68-372-30	
2.0	1.6	3.6	L	68-472-30	
2.0	1.6	3.6	R	68-371-32	
2.0	1.6	3.6	L	68-471-32	
3.6	3.15	4.5	R	68-361-10	69-361-10
3.6	3.15	4.5	L	68-461-10	69-461-10
3.6	3.15	4.5	R	68-362-10	69-362-10
3.6	3.15	4.5	L	68-462-10	69-462-10
5.0	2.95	4.22	R	68-361-11	69-361-11
5.0	2.95	4.22	L	68-461-11	69-461-11
5.0	2.95	4.22	R		69-362-11
5.0	2.95	4.22	L		69-462-11
4.0	1.8	3.14	R	68-371-13	69-371-13
4.0	1.8	3.14	L	68-471-13	69-471-13
4.0	1.8	3.14	R	68-372-13	69-372-13
4.0	1.8	3.14	L	68-472-13	69-472-13

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Mandibular

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Generous	Non-Conv	-25	6D	0	.018 x .025
Generous	Non-Conv	-25	6D	0	.018 x .025
Generous	Non-Conv	-25	6D	0	.022 x .028
Generous	Non-Conv	-25	6D	0	.022 x .028
Generous	Non-Conv	-25	6D	0	.018 x .025
Generous	Non-Conv	-25	6D	0	.018 x .025
Generous	Non-Conv	-25	6D	0	.022 x .028
Generous	Non-Conv	-25	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.018 x .025
Generous	Non-Conv	0	6D	0	.018 x .025
Generous	Non-Conv	0	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.022 x .028
Generous	Non-Conv	0	6D	0	.022 x .028
Hasund	Conv	-22	4D	0	.018 x .025
Hasund	Conv	-22	4D	0	.018 x .025
Hasund	Non-Conv	-25	6D	0	.018 x .025
Hasund	Non-Conv	-25	6D	0	.018 x .025
Hasund	Non-Conv	-25	6D	0	.022 x .028
Hasund	Non-Conv	-25	6D	0	.022 x .028
Peucat	Non-Conv	-25	4D	0	.018 x .025
Peucat	Non-Conv	-25	4D	0	.018 x .025
Peucat	Non-Conv	-25	4D	0	.022 x .028
Peucat	Non-Conv	-25	4D	0	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.4	1.8	3.28	R	68-361-42	69-361-42
4.4	1.8	3.28	L	68-461-42	69-461-42
4.4	1.8	3.28	R	68-362-42	69-362-42
4.4	1.8	3.28	L	68-462-42	69-462-42
4.4	1.8	3.28	R	68-371-42	69-371-42
4.4	1.8	3.28	L	68-471-42	69-471-42
4.4	1.8	3.28	R	68-372-42	69-372-42
4.4	1.8	3.28	L	68-472-42	69-472-42
4.4	1.8	3.54	R	68-361-43	69-361-43
4.4	1.8	3.54	L	68-461-43	69-461-43
4.4	1.8	3.54	R	68-362-43	69-362-43
4.4	1.8	3.54	L	68-462-43	69-462-43
4.4	1.8	3.54	R	68-372-43	69-372-43
4.4	1.8	3.54	L	68-472-43	69-472-43
3.6	3.15	4.5	R	68-361-24	69-361-24
3.6	3.15	4.5	L	68-461-24	69-461-24
4.0	1.8	2.99	R	68-371-04	69-371-04
4.0	1.8	2.99	L	68-471-04	69-471-04
4.0	1.8	2.99	R	68-372-04	69-372-04
4.0	1.8	2.99	L	68-472-04	69-472-04
3.0	1.9	3.24	R	68-371-24	
3.0	1.9	3.24	L	68-471-24	
3.0	1.9	3.24	R	68-372-24	
3.0	1.9	3.24	L	68-472-24	

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Mandibular

### Single Tubes

#### Main Archwire Slot

Philosophy	Type	Torque	Offset	Angu	Slot Size
Peucat	Non-Conv	-25	4D	0	.018 x .025
Peucat	Non-Conv	-25	4D	0	.018 x .025
Peucat	Non-Conv	-25	4D	0	.022 x .028
Peucat	Non-Conv	-25	4D	0	.022 x .028
Canadian	Conv	-22	6D	0	.022 x .028
Canadian	Conv	-22	6D	0	.022 x .028
Canadian	Conv	-25	6D	-6	.022 x .028
Canadian	Conv	-25	6D	-6	.022 x .028
Canadian	Conv	-27	6D	-10	.018 x .025
Canadian	Conv	-27	6D	-10	.018 x .025
Canadian	Conv	-27	6D	-10	.022 x .028
Canadian	Conv	-27	6D	-10	.022 x .028
Canadian	Non-Conv	-25	6D	0	.018 x .025
Canadian	Non-Conv	-25	6D	0	.018 x .025
Canadian	Non-Conv	-25	6D	0	.022 x .028
Canadian	Non-Conv	-25	6D	0	.022 x .028
Canadian	Non-Conv	-27	6D	-10	.018 x .025
Canadian	Non-Conv	-27	6D	-10	.018 x .025
Canadian	Non-Conv	-27	6D	-10	.022 x .028
Canadian	Non-Conv	-27	6D	-10	.022 x .028
Standard	Conv	0	6D	0	.018 x .025
Standard	Conv	0	6D	0	.018 x .025
Standard	Conv	0	6D	0	.022 x .028
Standard	Conv	0	6D	0	.022 x .028
Standard	Conv	0	0	0	.018 x .025
Standard	Conv	0	0	0	.018 x .025
Standard	Conv	0	0	0	.022 x .028
Standard	Conv	0	0	0	.022 x .028





Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
3.5	2.0	3.04	R	68-371-242	
3.5	2.0	3.04	L	68-471-242	
3.5	2.0	3.04	R	68-372-242	
3.5	2.0	3.04	L	68-472-242	
4.0	3.9	5.05	R	68-362-14	69-362-14
4.0	3.9	5.05	L	68-462-14	69-462-14
4.0	3.9	5.05	R	68-362-15	69-362-15
4.0	3.9	5.05	L	68-462-15	69-462-15
4.0	3.9	5.05	R	68-361-16	69-361-16
4.0	3.9	5.05	L	68-461-16	69-461-16
4.0	3.9	5.05	R	68-362-16	69-362-16
4.0	3.9	5.05	L	68-462-16	69-462-16
4.0	3.9	5.05	R	68-371-14	69-371-14
4.0	3.9	5.05	L	68-471-14	69-471-14
4.0	3.9	5.05	R	68-372-14	69-372-14
4.0	3.9	5.05	L	68-472-14	69-472-14
4.0	3.8	4.9	R	68-371-15	69-371-15
4.0	3.8	4.9	L	68-471-15	69-471-15
4.0	3.8	4.9	R	68-372-15	69-372-15
4.0	3.8	4.9	L	68-472-15	69-472-15
3.8	3.5	4.92	R	68-361-55	69-361-55
3.8	3.5	4.92	L	68-461-55	69-461-55
3.8	3.5	4.92	R	68-362-55	69-362-55
3.8	3.5	4.92	L	68-462-55	69-462-55
4.0	3.5	4.9	R	68-361-80	69-361-80
4.0	3.5	4.9	L	68-461-80	69-461-80
4.0	3.5	4.9	R	68-362-80	69-362-80
4.0	3.5	4.9	L	68-462-80	69-462-80

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Mandibular

### Single Tubes

Philosophy	Type	Main Archwire Slot			
		Torque	Offset	Angu	Slot Size
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.022 x .028
	Standard Non-Conv	0	0	0	.022 x .028
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.022 x .028
	Standard Non-Conv	0	0	0	.022 x .028
	Standard Non-Conv	0	6D	0	.018 x .025
	Standard Non-Conv	0	6D	0	.018 x .025
	Standard Non-Conv	0	6D	0	.022 x .028
	Standard Non-Conv	0	6D	0	.022 x .028
	Standard Non-Conv	0	6D	0	.018 x .025
	Standard Non-Conv	0	6D	0	.018 x .025
	Standard Non-Conv	0	6D	0	.022 x .028
	Standard Non-Conv	0	6D	0	.022 x .028
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.018 x .025
	Standard Non-Conv	0	0	0	.022 x .028
	Standard Non-Conv	0	0	0	.022 x .028
	Single Wing Conv	-22	5D	-6	.018 x .025
	Single Wing Conv	-22	5D	-6	.018 x .025
	Single Wing Conv	-22	5D	-6	.022 x .028
	Single Wing Conv	-22	5D	-6	.022 x .028
	Single Wing Non-Conv	-27	6D	-6	.018 x .025
	Single Wing Non-Conv	-27	6D	-6	.018 x .025
	Single Wing Non-Conv	-27	6D	-6	.022 x .028
	Single Wing Non-Conv	-27	6D	-6	.022 x .028



Dimensions			L/R	Reference Number	
Span	Wide	Hook/Wide		Bondable	Weldable
4.6	1.6	3.0	R	68-371-53	69-371-53
4.6	1.6	3.0	L	68-471-53	69-471-53
4.6	1.6	3.0	R	68-372-53	69-372-53
4.6	1.6	3.0	L	68-472-53	69-472-53
4.0	1.8	3.14	R	68-371-81	69-371-81
4.0	1.8	3.14	L	68-471-81	69-471-81
4.0	1.8	3.14	R	68-372-81	69-372-81
4.0	1.8	3.14	L	68-472-81	69-472-81
4.0	1.8	3.14	R	68-371-82	69-371-82
4.0	1.8	3.14	L	68-471-82	69-471-82
4.0	1.8	3.14	R	68-372-82	69-372-82
4.0	1.8	3.14	L	68-472-82	69-472-82
3.2	1.8	3.16	R	68-371-83	69-371-83
3.2	1.8	3.16	L	68-471-83	69-471-83
3.2	1.8	3.16	R	68-372-83	69-372-83
3.2	1.8	3.16	L	68-472-83	69-472-83
3.2	1.8	3.16	R	68-371-91	69-371-91
3.2	1.8	3.16	L	68-471-91	69-471-91
3.2	1.8	3.16	R	68-372-91	69-372-91
3.2	1.8	3.16	L	68-472-91	69-472-91
3.8	3.55	4.89	R	68-361-00	69-361-00
3.8	3.55	4.89	L	68-461-00	69-461-00
3.8	3.55	4.89	R	68-362-00	69-362-00
3.8	3.55	4.89	L	68-462-00	69-462-00
4.0	2.0	3.1	R	68-371-00	69-371-00
4.0	2.0	3.1	L	68-471-00	69-471-00
4.0	2.0	3.1	R	68-372-00	69-372-00
4.0	2.0	3.1	L	68-472-00	69-472-00

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Mandibular

### Double Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roth	Conv	-25	4D	0	.018 x .025		
Roth	Conv	-25	4D	0	.018 x .025		
Roth	Conv	-25	4D	0	.022 x .028		
Roth	Conv	-25	4D	0	.022 x .028		
Roth	Conv	-30	4D	-1	.018 x .025	045/GING	0
Roth	Conv	-30	4D	-1	.018 x .025	045/GING	0
Roth	Conv	-30	4D	-1	.022 x .028	045/GING	0
Roth	Conv	-30	4D	-1	.022 x .028	045/GING	0
Roth	Conv	-30	4D	-1	.018 x .025		
Roth	Conv	-30	4D	-1	.018 x .025		
Roth	Conv	-30	4D	-1	.022 x .028		
Roth	Conv	-30	4D	-1	.022 x .028		
Roth	Non-Conv	-30	4D	-1	.018 x .025		
Roth	Non-Conv	-30	4D	-1	.018 x .025		
Roth	Non-Conv	-30	4D	-1	.022 x .028		
Roth	Non-Conv	-30	4D	-1	.022 x .028		
Roth	Conv	-30	4D	-1	.018 x .025		
Roth	Conv	-30	4D	-1	.018 x .025		
Roth	Conv	-30	4D	-1	.022 x .028		
Roth	Conv	-30	4D	-1	.022 x .028		
Roth	Saddle/ Non-Conv	-30	4D	0	.018 x .025		
Roth	Saddle/ Non-Conv	-30	4D	0	.018 x .025		
Roth	Saddle/ Non-Conv	-30	4D	0	.022 x .028		
Roth	Saddle/ Non-Conv	-30	4D	0	.022 x .028		



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	4D	0	.018 x .025	4.0	3.65	4.94	R	68-361-18	69-361-18
-25	4D	0	.018 x .025	4.0	3.65	4.94	L	68-461-18	69-461-18
-25	4D	0	.018 x .025	4.0	3.65	4.94	R	68-362-18	69-362-18
-25	4D	0	.018 x .025	4.0	3.65	4.94	L	68-462-18	69-462-18
				4.0	4.2		R	68-361-82	69-361-82
				4.0	4.2		L	68-461-82	69-461-82
				4.0	4.2		R	68-362-82	69-362-82
				4.0	4.2		L	68-462-82	69-462-82
-30	0	0	.018 x .025	4.0	4.2		R	68-361-84	69-361-84
-30	0	0	.018 x .025	4.0	4.2		L	68-461-84	69-461-84
-30	0	0	.022 x .028	4.0	4.2		R	68-362-84	69-362-84
-30	0	0	.022 x .028	4.0	4.2		L	68-462-84	69-462-84
-30	4D	0	.018 x .025	6.0	3.1	4.44	R	68-361-85	69-361-85
-30	4D	0	.018 x .025	6.0	3.1	4.44	L	68-461-85	69-461-85
-30	4D	0	.022 x .028	6.0	3.1	4.44	R	68-362-85	69-362-85
-30	4D	0	.022 x .028	6.0	3.1	4.44	L	68-462-85	69-462-85
-30	0	0	.018 x .025	4.0	4.2	5.39	R	68-361-88	69-361-88
-30	0	0	.018 x .025	4.0	4.2	5.39	L	68-461-88	69-461-88
-30	0	0	.022 x .028	4.0	4.2	5.39	R	68-362-88	69-362-88
-30	0	0	.022 x .028	4.0	4.2	5.39	L	68-462-88	69-462-88
-30	4D	0	.018 x .025	5.5	2.87		R		69-361-882
-30	4D	0	.018 x .025	5.5	2.87		L		69-461-882
-30	4D	0	.022 x .028	5.5	2.87		R		69-362-882
-30	4D	0	.022 x .028	5.5	2.87		L		69-462-882

**Molar Identification Key**

68-361-42 “6” indicates first molar tube  
 68-371-42 “7” indicates second molar tube

# Buccal Tubes

## Mandibular

### Double Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roncone	Conv	-10	4D	0	.018 x .025		
Roncone	Conv	-10	4D	0	.018 x .025		
Roncone	Conv	-10	4D	0	.022 x .028		
Roncone	Conv	-10	4D	0	.022 x .028		
Roncone	Self-Ligation	-10	4D	0	.018 x .025		
Roncone	Self-Ligation	-10	4D	0	.018 x .025		
Roncone	Self-Ligation	-10	4D	0	.022 x .028		
Roncone	Self-Ligation	-10	4D	0	.022 x .028		
Roncone	Conv	-10	4D	0	.018 x .025		
Roncone	Conv	-10	4D	0	.018 x .025		
Roncone	Conv	-10	4D	0	.022 x .028		
Roncone	Conv	-10	4D	0	.022 x .028		
Cetlin	Conv	-25	4D	0	.018 x .025	045/GING	5M
Cetlin	Conv	-25	4D	0	.018 x .025	045/GING	5M
Cetlin	Conv	-25	4D	0	.022 x .028	045/GING	5M
Cetlin	Conv	-25	4D	0	.022 x .028	045/GING	5M
Cetlin	Non-Conv	-25	4D	0	.018 x .025	045/GING	5M
Cetlin	Non-Conv	-25	4D	0	.018 x .025	045/GING	5M
Cetlin	Non-Conv	-25	4D	0	.022 x .028	045/GING	5M
Cetlin	Non-Conv	-25	4D	0	.022 x .028	045/GING	5M
Dollan	Conv	0	4D	0	.018 x .025		
Dollan	Conv	0	4D	0	.018 x .025		
Dollan	Conv	0	4D	0	.022 x .028		
Dollan	Conv	0	4D	0	.022 x .028		
Gianelly	Conv	0	0	0	.018 x .025	051/GING	0
Gianelly	Conv	0	0	0	.018 x .025	051/GING	0
Gianelly	Conv	0	0	0	.022 x .028	051/GING	0
Gianelly	Conv	0	0	0	.022 x .028	051/GING	0



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-10	4D	0	.018 x .025	3.6	3.65	5.06	R	68-361-080	
-10	4D	0	.018 x .025	3.6	3.65	5.06	L	68-461-080	
-10	4D	0	.018 x .025	3.6	3.65	5.06	R	68-362-080	
-10	4D	0	.018 x .025	3.6	3.65	5.06	L	68-462-080	
-10	4D	0	.018 x .025	4.0	3.7	5.17	R	88-361-08	
-10	4D	0	.018 x .025	4.0	3.7	5.17	L	88-461-08	
-10	4D	0	.018 x .025	4.0	3.7	5.17	R	88-362-08	
-10	4D	0	.018 x .025	4.0	3.7	5.17	L	88-462-08	
-10	4D	0	.018 x .025	3.6	3.65	5.06	R	68-361-08	69-361-08
-10	4D	0	.018 x .025	3.6	3.65	5.06	L	68-461-08	69-461-08
-10	4D	0	.018 x .025	3.6	3.65	5.06	R	68-362-08	69-362-08
-10	4D	0	.018 x .025	3.6	3.65	5.06	L	68-462-08	69-462-08
				4.0	4.25		R		69-361-03
				4.0	4.25		L		69-461-03
				4.0	4.25		R		69-362-03
				4.0	4.25		L		69-462-03
				4.0	3.5		R		69-372-01
				4.0	3.5		L		69-472-01
				4.0	3.5		R		69-372-01
				4.0	3.5		L		69-472-01
0	0	0	.018 x .025	4.0	3.85	5.4	R	68-361-53	69-361-53
0	0	0	.018 x .025	4.0	3.85	5.4	L	68-461-53	69-461-53
0	0	0	.018 x .025	4.0	3.85	5.4	R	68-362-53	69-362-53
0	0	0	.018 x .025	4.0	3.85	5.4	L	68-462-53	69-462-53
				4.0	4.6		R		69-361-19
				4.0	4.6		L		69-461-19
				4.0	4.6		R		69-362-19
				4.0	4.6		L		69-462-19

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

# Buccal Tubes

## Mandibular

### Double Tubes



Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Greenfield	Saddle/ Non-Conv	-15	8D	0	.018 x .025	045/GING	8M
Greenfield	Saddle/ Non-Conv	-15	8D	0	.018 x .025	045/GING	8M
Greenfield	Saddle/ Non-Conv	-15	8D	0	.022 x .028	045/GING	8M
Greenfield	Saddle/ Non-Conv	-15	8D	0	.022 x .028	045/GING	8M
Hasund	Conv	-22(-25)	4D	0	.018 x .025		
Hasund	Conv	-22(-25)	4D	0	.018 x .025		
Hilgers	Conv	-27	12D	0	.018 x .025		
Hilgers	Conv	-27	12D	0	.018 x .025		
Hilgers	Conv	-27	12D	0	.022 x .028		
Hilgers	Conv	-27	12D	0	.022 x .028		
Melsen	Conv	-27	8D	0	.018 x .025		
Melsen	Conv	-27	8D	0	.018 x .025		
Melsen	Conv	-27	8D	0	.022 x .028		
Melsen	Conv	-27	8D	0	.022 x .028		
Ricketts	Conv	0	0	0	.022 x .028		
Ricketts	Non-Conv	0	0	0	.018 x .025		
Ricketts	Non-Conv	0	0	0	.022 x .028		
Ricketts	Conv	0	0	0	.018 x .025		
Ricketts	Conv	0	0	0	.022 x .028		



Aux Tube				Dimensions			L/R	Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide		Bondable	Weldable
				5.5	3.78		R		69-361-332
				5.5	3.78		L		69-461-332
				5.5	3.78		L		69-462-332
				5.5	3.78		R		69-362-332
0	0(4D)	0	.018 x .025	4.0	3.7	4.87	R	68-361-04	69-361-04
0	0(4D)	0	.018 x .025	4.0	3.7	4.87	L	68-461-04	69-461-04
0	0	0	.018 x .025	4.0	3.75	4.95	R	68-361-07	69-361-07
0	0	0	.018 x .025	4.0	3.75	4.95	L	68-461-07	69-461-07
0	0	0	.018 x .025	4.0	3.75	4.95	R	68-362-07	69-362-07
0	0	0	.018 x .025	4.0	3.75	4.95	L	68-462-07	69-462-07
0	0	0	.018 x .025	4.0	3.75	5.17	R		69-361-17
0	0	0	.018 x .025	4.0	3.75	5.17	L		69-461-17
0	0	0	.018 x .025	4.0	3.75	5.17	R		69-362-17
0	0	0	.018 x .025	4.0	3.75	5.17	L		69-462-17
0	0	0	.018 x .025	4.0	3.95		UNI	68-662-11	69-662-11
0	0	0	.018 x .025	4.0	2.3	4.14	UNI	68-661-70	69-661-70
0	0	0	.018 x .025	4.0	2.3	4.14	UNI	68-662-70	69-662-70
0	0	0	.018 x .025	4.0	3.95	5.7	UNI	68-661-72	69-661-72
0	0	0	.018 x .025	4.0	3.95	5.7	UNI	68-662-72	69-662-72

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Mandibular



### Triple Tubes

Philosophy	Type	Main Archwire Slot				Extra Oral Tube	
		Torque	Offset	Angu	Slot Size	Size/Post	Offset
Roth	Conv	-25	4D	0	.018 x .025	045/GING	5M
Roth	Conv	-25	4D	0	.018 x .025	045/GING	5M
Roth	Conv	-25	4D	0	.022 x .028	045/GING	5M
Roth	Conv	-25	4D	0	.022 x .028	045/GING	5M



Aux Tube				Dimensions				Reference Number	
Torque	Offset	Angu	Slot Size	Span	Wide	Hook/Wide	L/R	Bondable	Weldable
-25	0	0	.018 x .025	4.0	4.8		R		69-361-13
-25	0	0	.018 x .025	4.0	4.8		L		69-461-13
-25	0	0	.018 x .025	4.0	4.8		R		69-362-13
-25	0	0	.018 x .025	4.0	4.8		L		69-462-13

**Molar Identification Key**

68-3**6**1-42 “6” indicates first molar tube  
 68-3**7**1-42 “7” indicates second molar tube

## Accessories

### DeVincenzo Inserts

Instead of bulky triple tubes, try GAC's DeVincenzo Inserts. These ingeniously simple devices convert .045" and .051" round tubes into rectangular. They are easy to place and remove, and the torque can be set from 0 to 30°. They can also be used to elongate the tubes for expansion and mixed dentition treatment. Available individually or in packs of 20. Packs of 20 include our placer that makes torque setting and insertion easy.



Description	Reference Number
Insert - .045" to .018" - individual	47-045-18
Pack of 20	KIT47-045-18
Insert - .051" to .018" - individual	47-051-18
Pack of 20	KIT47-051-18
Insert - .051" to .022" - individual	47-051-22
Pack of 20	KIT47-051-22
Insert Placer - .018"	47-018-45
Insert Placer - .022"	47-022-51



### Tube Converter With Replaceable Tips

	Reference Number
Tube Converter	KIT97-999-40
Replacement Tip	T871A/6

### Convertible Cap Remover

Converting buccal tube caps is easy and safe with GAC's Convertible Cap Remover. Just place the hook portion of the tip at the distal end of the convertible cap and firmly squeeze the trigger. The cap converts and is held by the instrument until it is safely removed from the patient's mouth. The instrument is adjustable to allow access to hard to reach posterior regions of the mouth, and it works with tubes made by a variety of manufacturers. GAC's Convertible Cap Remover can be cold or steam sterilized to 272 degrees fahrenheit.



	Reference Number
Convertible Cap Remover	97-990-90
Convertible Cap Remover Tip 2 Pack	97-990-91

## Lingual Attachments - Bondable

### Lingual Button

Flat Base

### Reference Number

30-000-00

Curved Base

30-000-01



### Ceramic Bondable Button

Bonds without activators and provides excellent aesthetics;  
Will not discolor.

### Reference Number

Ceramic Bondable Button

21-111-11



### Lingual Cleat

Flat Base

### Reference Number

30-000-02

Curved Base

30-000-03



### Eyelets

Curved Base

### Reference Number

30-000-04



### Caplin Hook

Low profile, low irritation, yet highly functional, the Caplin Hook has grown in use every year since its inception 10 years ago.

### Reference Number

For Flat Teeth

30-000-05

For Curved Teeth

30-000-06



For Flat Teeth



For Curved Teeth

### U-Flex Loops

### Reference Number

30-000-10



### Bite Ramps™

Bite Ramps work in open bite cases by allowing the anteriors to ride up and out of occlusion. The result is more efficient tooth movement, with a reduction of emergency visits due to bond failures, especially with self-ligating and ceramic brackets. The swept design of the Bite Ramps mimics the natural shape of the tooth, thus aiding in the gentle redirection of anteriors for smoother treatment. Bite Ramps are made from high strength resin which is more flexible than stainless steel, reducing trauma on the enamel they contact and increasing patient comfort.

### Reference Number

Bite Ramps, pack of 10

97-980-00



## Lingual Attachments - Weldable



### Lingual Button

### Reference Number

Small, Flat	21-601-11
Medium, Flat	21-601-12
Medium, Curved	21-601-80
Large, Flat	21-601-13



### Lingual Cleat

### Reference Number

Small	21-601-17
Medium	21-601-14
Large, Debnam	21-601-41
Wide	21-601-15



21-601-31    21-601-16

### Lingual Hook

### Reference Number

Molar Hook	21-601-16
Ball Hook	21-601-31



### Lingual Sheath

### Reference Number

	Left	Right
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With Post, No Offset	21-602-19	21-601-19
Cetlin, With Post 80 Offset	21-602-20	21-601-20
Indent, No Post, No Offset	21-601-60	21-601-60
Bicuspid Lingual Sheath	21-601-22	21-601-21
Window, No Lock, Pack of 5	21-601-10	21-601-10

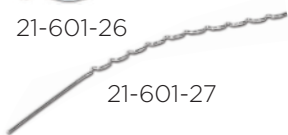


21-601-26

### Eyelets

### Reference Number

Lingual Eyelet	21-601-26
Eyelet for Molar Distalizer	21-601-27



21-601-27

### Seating Lug

### Reference Number

Flat	21-000-00
Curved	21-000-01



### Elasti Lug

### Reference Number

WLD Ling Elastic Lug Curved	21-455-10
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