

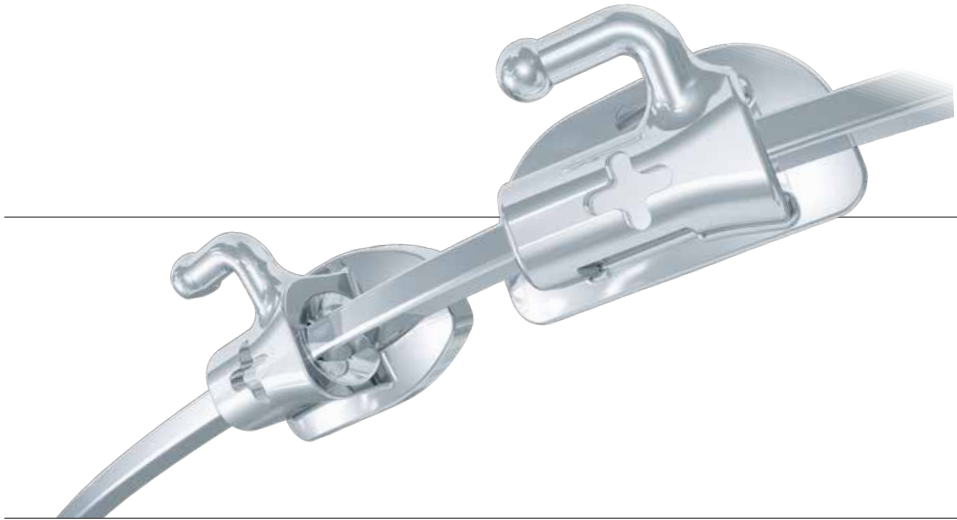
Buccal tubes.

Perfect in function and design.



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Perfect in function and design.

Just like the Dentaurem brackets, the buccal tubes are manufactured using state-of-the-art design and production techniques. Depending on the material, the tubes are available in different variations ranging from single, non-convertible tubes to more complex triple combinations. This allows more flexibility when planning therapy. Many buccal tubes are available for the adhesive technique as well as the banding technique. The buccal tubes can be welded to the bands of your choice in our pre-welding service.

The latest buccal tube generation, the Ortho-Cast M-Series, is particularly easy to handle. Thanks to contouring of the base and a groove for the positioning tweezers, the tubes are extremely easy to place. The funnel-shaped opening ensures easy archwire insertion. The M-Series is also available as Ortho-Cast M-Series mini for the second molar.



Ortho-Cast M-Series mini

The delicate buccal tube.



Ortho-Cast M-Series

The latest generation.



Ortho-Cast

The MIM buccal tube.



Ortho

The classic buccal tube.



rematitan®

The only buccal tube made of pure titanium.



Buccal tubes

Bonding technique

single round



Ortho

non-convertible · with lip bumper/facebow tube · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm	725-203-51	

Slot: 0.9 mm / 36

single rectangular



Ortho-Cast M-Series mini 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17	- 14°	0°	•	2.5 mm	818-411-17	822-411-17	Roth
27	- 14°	0°	•	2.5 mm	818-411-27	822-411-27	Roth
17	- 14°	0°	•	2.5 mm	818-412-17	822-412-17	McLaughlin-Bennett-Trevisi**
27	- 14°	0°	•	2.5 mm	818-412-27	822-412-27	McLaughlin-Bennett-Trevisi**
17	0°	0°	•	2.5 mm	818-413-17		Ricketts® Universal
27	0°	0°	•	2.5 mm	818-413-27		Ricketts® Universal
17	0°	0°	•	2.5 mm	818-415-17	822-415-17	Standard Edgewise
27	0°	0°	•	2.5 mm	818-415-27	822-415-27	Standard Edgewise



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47	- 30°	0°	•	2.5 mm	818-411-47	822-411-47	Roth
37	- 30°	0°	•	2.5 mm	818-411-37	822-411-37	Roth
47	- 10°	0°	•	2.5 mm	818-412-47	822-412-47	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	2.5 mm	818-412-37	822-412-37	McLaughlin-Bennett-Trevisi**
46	- 20°	0°	•	2.5 mm	818-412-46	822-412-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	2.5 mm	818-412-36	822-412-36	McLaughlin-Bennett-Trevisi**
47	0°	0°	•	2.5 mm	818-413-47		Ricketts® Universal
37	0°	0°	•	2.5 mm	818-413-37		Ricketts® Universal
47	0°	0°	•	2.5 mm	818-415-47	822-415-47	Standard Edgewise
37	0°	0°	•	2.5 mm	818-415-37	822-415-37	Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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single rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	818-211-16	822-211-16	Roth
26	- 14°	14°	•	3.3 mm	818-211-26	822-211-26	Roth
16	- 14°	10°	•	3.3 mm	818-212-16	822-212-16	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	818-212-26	822-212-26	McLaughlin-Bennett-Trevisi**
16	0°	0°	•	3.3 mm	818-215-16	822-215-16	Standard Edgewise
26	0°	0°	•	3.3 mm	818-215-26	822-215-26	Standard Edgewise



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	818-211-46	822-211-46	Roth
36	- 30°	4°	•	3.3 mm	818-211-36	822-211-36	Roth
47	- 10°	0°	•	3.3 mm	818-212-47	822-212-47	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	3.3 mm	818-212-37	822-212-37	McLaughlin-Bennett-Trevisi**
46	- 20°	0°	•	3.3 mm	818-212-46	822-212-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	818-212-36	822-212-36	McLaughlin-Bennett-Trevisi**
46	0°	0°	•	3.3 mm	818-215-46	822-215-46	Standard Edgewise
36	0°	0°	•	3.3 mm	818-215-36	822-215-36	Standard Edgewise
46	- 25°	0°	•	3.3 mm	818-219-46	822-219-46	
36	- 25°	0°	•	3.3 mm	818-219-36	822-219-36	



Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	818-111-16	822-111-16	Roth
26	- 14°	14°	•	3.3 mm	818-111-26	822-111-26	Roth
16	- 14°	10°	•	3.3 mm	818-112-16	822-112-16	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	818-112-26	822-112-26	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	818-111-46	822-111-46	Roth
36	- 30°	4°	•	3.3 mm	818-111-36	822-111-36	Roth
46	- 20°	0°	•	3.3 mm	818-112-46	822-112-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	818-112-36	822-112-36	McLaughlin-Bennett-Trevisi**



Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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Bonding technique

single rectangular



Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	4.0 mm	724-092-51	724-094-51	
26-27 / 47-46	0°	6°	•	4.0 mm	724-093-51	724-095-51	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	724-090-51	724-091-51	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18

non-convertible · with larger base · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	724-090-50		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25



Ortho-Cast 18/22

non-convertible · distal notch · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	3.3 mm	724-607-51	724-610-51	
26-27 / 47-46	0°	6°	•	3.3 mm	724-608-51	724-611-51	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.3 mm	724-609-51	724-612-51	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho 18/22

non-convertible · distal extension · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	0°	•	6.0 mm	725-164-50	725-166-50	Ricketts® Universal 18, Standard Edgewise
26-27 / 47-46	0°	0°	•	6.0 mm	725-165-50	725-167-50	Ricketts® Universal 18, Standard Edgewise
17-16 / 36-37	0°	6°	•	6.0 mm	725-168-50	725-170-50	
26-27 / 47-46	0°	6°	•	6.0 mm	725-169-50	725-171-50	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

single rectangular

Ortho-Cast 18

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	8°	•	4.0 mm	724-048-51		
26-27	- 10°	8°	•	4.0 mm	724-049-51		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25



double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	818-221-16	822-221-16	Roth
26	- 14°	14°	•	3.3 mm	818-221-26	822-221-26	Roth
16	- 14°	10°	•	3.3 mm	818-222-16	822-222-16	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	818-222-26	822-222-26	McLaughlin-Bennett-Trevisi**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	818-221-46	822-221-46	Roth
36	- 30°	4°	•	3.3 mm	818-221-36	822-221-36	Roth
46	- 20°	0°	•	3.3 mm	818-222-46	822-222-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	818-222-36	822-222-36	McLaughlin-Bennett-Trevisi**

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	818-121-16	822-121-16	Roth
26	- 14°	14°	•	3.3 mm	818-121-26	822-121-26	Roth
16	- 14°	10°	•	3.3 mm	818-122-16	822-122-16	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	818-122-26	822-122-26	McLaughlin-Bennett-Trevisi**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	818-121-46	822-121-46	Roth
36	- 30°	4°	•	3.3 mm	818-121-36	822-121-36	Roth
46	- 20°	0°	•	3.3 mm	818-122-46	822-122-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	818-122-36	822-122-36	McLaughlin-Bennett-Trevisi**

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

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Bonding technique

double rectangular



Ortho-Cast 18/22

non-convertible · with vertical hook · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.5 mm	724-018-51	724-019-51	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28

double combination



Ortho-Cast 18/22

convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	724-240-51	724-222-51	McLaughlin-Bennett- Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-241-51	724-223-51	McLaughlin-Bennett- Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

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double rectangular

rematitan® 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27	- 10°	0°		4.0 mm	723-020-00	723-021-00	
Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 22°	0°		4.0 mm	723-022-00	723-023-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28



rematitan® 18/22

non-convertible · with vertical hook · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	723-028-00	723-029-00	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	723-032-00	723-033-00	McLaughlin-Bennett-Trevisi**
Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 20°	0°	•	4.0 mm	723-030-00	723-031-00	McLaughlin-Bennett-Trevisi** for the 1st molar
47-46 / 36-37	- 22°	0°	•	4.0 mm	723-026-00	723-027-00	
Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	- 10°	0°	•	4.0 mm	723-024-00	723-025-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28

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Buccal tubes

Banding technique

single round



Ortho

non-convertible · with lip bumper/facebow tube · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm		725-203-00	

Slot: 0.9 mm / 36



Ortho

non-convertible · with lip bumper/facebow tube · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm		725-206-00	

Slot: 1.15 mm / 45

double round



Ortho

non-convertible · with lip bumper/facebow tube · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		4.6 mm		726-011-00	

Slot: 0.9 mm / 36 · Slot round tube: 1.15 mm / 45 (occlusal)

single rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	3.3 mm	818-212-10	822-212-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	818-212-20	822-212-20	McLaughlin-Bennett-Trevisi**
17-16	- 10°	8°	•	3.3 mm	818-217-10	822-217-10	
26-27	- 10°	8°	•	3.3 mm	818-217-20	822-217-20	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47	- 10°	0°	•	3.3 mm	818-512-40	822-512-40	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	3.3 mm	818-512-30	822-512-30	McLaughlin-Bennett-Trevisi**
47-46	- 25°	8°	•	3.3 mm	818-217-40	822-217-40	
36-37	- 25°	8°	•	3.3 mm	818-217-30	822-217-30	
47-46	- 30°	12°	•	3.3 mm	818-218-40	822-218-40	
36-37	- 30°	12°	•	3.3 mm	818-218-30	822-218-30	



Slot 18: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	818-111-10	822-111-10	Roth
26-27	- 14°	14°	•	3.3 mm	818-111-20	822-111-20	Roth
17-16	- 14°	10°	•	3.3 mm	818-112-10	822-112-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	818-112-20	822-112-20	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.3 mm	818-111-40	822-111-40	Roth
36-37	- 30°	4°	•	3.3 mm	818-111-30	822-111-30	Roth
47-46	- 20°	0°	•	3.3 mm	818-112-40	822-112-40	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.3 mm	818-112-30	822-112-30	McLaughlin-Bennett-Trevisi** for the 1st molar



Slot 18: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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Buccal tubes

Banding technique

single rectangular



Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	4.0 mm	724-092-00	724-094-00	
26-27 / 47-46	0°	6°	•	4.0 mm	724-093-00	724-095-00	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	724-090-00	724-091-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	8°	•	4.0 mm	724-048-00		
26-27	- 10°	8°	•	4.0 mm	724-049-00		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25



Ortho-Cast 18/22

non-convertible · distal notch · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	3.3 mm	724-607-00	724-610-00	
26-27 / 47-46	0°	6°	•	3.3 mm	724-608-00	724-611-00	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.3 mm	724-609-00	724-612-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho 18/22

non-convertible · distal extension · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	0°	•	6.0 mm	725-164-00	725-166-00	Ricketts® Universal 18, Standard Edgewise
26-27 / 47-46	0°	0°	•	6.0 mm	725-165-00	725-167-00	Ricketts® Universal 18, Standard Edgewise
17-16 / 36-37	0°	6°	•	6.0 mm	725-168-00	725-170-00	
26-27 / 47-46	0°	6°	•	6.0 mm	725-169-00	725-171-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	818-221-10	822-221-10	Roth
26-27	- 14°	14°	•	3.3 mm	818-221-20	822-221-20	Roth
17-16	- 14°	10°	•	3.3 mm	818-222-10	822-222-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	818-222-20	822-222-20	McLaughlin-Bennett-Trevisi**
17-16	- 9°	10°	•	3.6 mm	818-227-10	822-227-10	
26-27	- 9°	10°	•	3.6 mm	818-227-20	822-227-20	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.3 mm	818-221-40	822-221-40	Roth
36-37	- 30°	4°	•	3.3 mm	818-221-30	822-221-30	Roth
47-46	- 20°	0°	•	3.3 mm	818-222-40	822-222-40	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.3 mm	818-222-30	822-222-30	McLaughlin-Bennett-Trevisi** for the 1st molar
47-46	- 22°	12°	•	3.6 mm	818-224-40	822-224-40	Ricketts® 18 - IV. dimension for the 1st molar
36-37	- 22°	12°	•	3.6 mm	818-224-30	822-224-30	Ricketts® 18 - IV. dimension for the 1st molar



Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	818-121-10	822-121-10	Roth
26-27	- 14°	14°	•	3.3 mm	818-121-20	822-121-20	Roth
17-16	- 14°	10°	•	3.3 mm	818-122-10	822-122-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	818-122-20	822-122-20	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	0°	0°	•	3.6 mm	818-125-40	822-125-40	Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	3.6 mm	818-125-30	822-125-30	Ricketts® Universal 18, Standard Edgewise



Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

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Banding technique

double rectangular



Ortho-Cast M-Series 18/22

convertible · Auxiliary tube placed in gingival/buccal direction · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.6 mm	818-151-40	822-151-40	Roth
36-37	- 30°	4°	•	3.6 mm	818-151-30	822-151-30	Roth
47-46	- 20°	0°	•	3.6 mm	818-152-40	822-152-40	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.6 mm	818-152-30	822-152-30	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

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Ortho-Cast 18/22

non-convertible · with vertical hook · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 30°	0°	•	4.0 mm	724-616-00	724-617-00	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.5 mm	724-018-00	724-019-00	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18/22

convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	4.0 mm	724-056-00	724-156-00	
36-37	- 25°	8°	•	4.0 mm	724-057-00	724-157-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

double combination

Ortho-Cast M-Series 18/22

convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.6 mm	818-141-10	822-141-10	Roth
26-27	- 14°	14°	•	3.6 mm	818-141-20	822-141-20	Roth
17-16	- 14°	10°	•	3.6 mm		822-142-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.6 mm		822-142-20	McLaughlin-Bennett-Trevisi**

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (occlusal)

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Ortho-Cast M-Series 18/22

convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	3.6 mm	818-147-40	822-147-40	
36-37	- 25°	8°	•	3.6 mm	818-147-30	822-147-30	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

Ortho-Cast 18/22

convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	724-240-00	724-222-00	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-241-00	724-223-00	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

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Ortho 18/22

non-convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	0°	•	4.6 mm	727-365-00	727-385-00	Ricketts® Universal 18, Standard Edgewise
26-27	0°	0°	•	4.6 mm	727-366-00	727-386-00	Ricketts® Universal 18, Standard Edgewise
17-16 / 26-27	0°	0°		4.6 mm	727-265-00	727-266-00	Ricketts® Universal 18, Standard Edgewise
17-16	0°	6°	•	4.6 mm	727-367-00	727-387-00	
26-27	0°	6°	•	4.6 mm	727-368-00	727-388-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
 Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (occlusal)

Buccal tubes

Banding technique

double combination



Ortho 18/22

non-convertible · with lip bumper/facebow tube gingival · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	0°	0°	•	4.6 mm	727-267-00	727-269-00	Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	4.6 mm	727-268-00	727-270-00	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

triple combination



Ortho-Cast M-Series 18/22

convertible · with lip bumper/facebow tube occlusal · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.6 mm	818-131-10	822-131-10	Roth
26-27	- 14°	14°	•	3.6 mm	818-131-20	822-131-20	Roth
17-16	- 14°	10°	•	3.6 mm	818-132-10	822-132-10	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.6 mm	818-132-20	822-132-20	McLaughlin-Bennett-Trevisi**
17-16	- 10°	8°	•	3.6 mm		822-137-10	
26-27	- 10°	8°	•	3.6 mm		822-137-20	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)

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Ortho-Cast 18/22

non-convertible · with lip bumper/facebow tube central · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	0°	•	3.6 mm	724-600-00		Ricketts® Universal 18, Standard Edgewise
26-27	0°	0°	•	3.6 mm	724-601-00		Ricketts® Universal 18, Standard Edgewise
17-16	0°	6°	•	3.6 mm	724-602-00	724-613-00	
26-27	0°	6°	•	3.6 mm	724-603-00	724-614-00	
17-16	- 9°	10°	•	3.6 mm	724-618-00	724-620-00	
26-27	- 9°	10°	•	3.6 mm	724-619-00	724-621-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (central)



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	4.0 mm	724-060-00	724-160-00	
36-37	- 25°	8°	•	4.0 mm	724-061-00	724-161-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°		3.6 mm	724-604-00	724-615-00	Ricketts® Universal 18, Standard Edgewise
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.6 mm	724-605-00		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (central)

triple combination

Ortho-Cast 18non-convertible · with mesial/distal hook · with lip bumper/facebow tube central · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.6 mm	724-606-00		Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)

**Ortho-Cast 18/22**convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	8°	•	4.0 mm	724-006-00	724-106-00	
26-27	0°	8°	•	4.0 mm	724-007-00	724-107-00	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)

Prewelded parts



Lingual / Palatal sheath

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 26-27 / 47-46 / 36-37		0°	0.25 mm		3.5 mm	728-010-00	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 26-27 / 47-46 / 36-37		0°	0.25 mm		3.5 mm	728-110-00	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open · with mesial/distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	728-011-00	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	728-012-00	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed · with mesial/distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	728-111-00	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	728-112-00	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open · with distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	728-016-00	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	728-017-00	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths easy in

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed · with insertion groove

An insertion groove facilitates the insertion and removal of Orthorama®, lingual and palatal arches, Goshgarian and Quad Helix into/from the lingual palatal sheaths easy-in. The anterior teeth pose no hindrance. The insertion groove should always face the occlusal plane during welding so that the arches can be inserted horizontally in the occlusal plane.

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm		3.5 mm	728-113-00	10 pieces
26-27 / 47-46		0°	0.25 mm		3.5 mm	728-114-00	10 pieces

Slot: 2 x 0.9 mm / 36

Button / Banding technique

For elastics or Dentalastics®.

Version	REF	Quantity
round base, long neck	750-002-00	10 pieces
broad base, short neck	750-101-00	10 pieces



Band seating lugs / Banding technique

For all preformed bands.

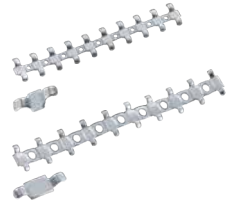
Form of delivery	REF	Quantity
on strips	750-201-00	100 pieces



Double hooks / Banding technique

For additional elastics or tension springs.

Version	Form of delivery	REF	Quantity
narrow, for cuspid and bicuspid bands	on strips	750-602-00	10 pieces
narrow, for cuspid and bicuspid bands	single	750-602-10	10 pieces
wide, for molar bands	on strips	750-603-00	10 pieces
wide, for molar bands	single	750-603-10	10 pieces



Hooks with seating lug / Banding technique

For elastics, ligatures, etc.

Form of delivery	REF	Quantity
single	750-401-00	100 pieces

