

2D[®] *Lingual Brackets*

Freedom for the tongue!

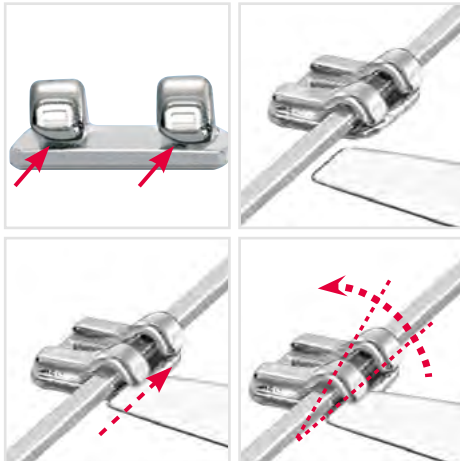
*The flattest brackets on the market
for best patient comfort.*

FORESTADENT[®]
GERMAN PRECISION IN ORTHODONTICS

2D[®] Lingual Brackets – Easy Lingual Orthodontics



They are extremely flat, comfortable and thanks to its uncomplicated technique ideally suited for clinicians who would like to enter the field of lingual orthodontics – the 2D[®] lingual brackets by FORESTADENT. Easy to handle, reasonably priced and without lab costs. This bracket system is a cost effective way to introduce lingual orthodontics into any practice.

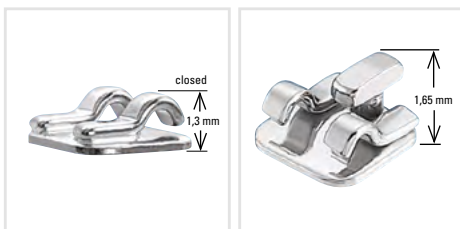


Easy to use

The 2D[®] lingual brackets are notably easier to use. Through the special self ligating wings the arch-wire can be easily inserted from the occlusal. The clip can be easily opened from the occlusal with a special explorer and closed with Weingart-Ultra-light wire pliers.

Clip

Optimised clip assures a better wire control and easy opening. Round wires with a maximum diameter of .022" can be used.



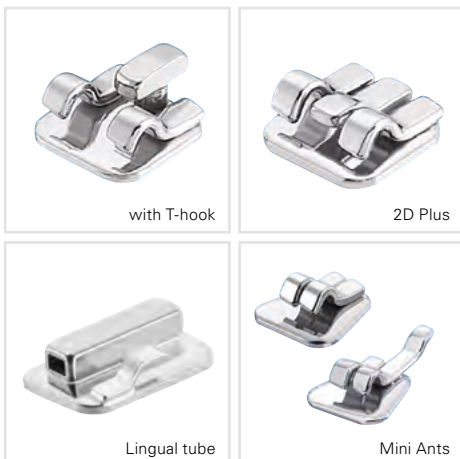
Extremely flat design

The total thickness of the 2D[®] lingual brackets is 1.3 to 1.65 mm, including the base. Thus they are hardly noticeable for the patient and the ability to speak is not affected.



Excellent biomechanics

The bracket is bonded close to the centre of resistance and therefore offers excellent biomechanics for tipping and rotating teeth. The first treatment phase can be achieved remarkably fast.



Variety of Bracket Types

- Mini Ants for better rotation control
- 2D[®] bracket with T-hook for attachment of elastic chains.
- 2D[®] plus bracket to apply torque on a single tooth.
- 2D[®] plus bracket with gingival hook for application intermaxillary elastics.
- Lingual tubes with bigger hook for application intermaxillary elastics.



Clinical cases

Case 1: Dr. A. Gebhardt, Bad Wildungen, Germany. Class I with crowding in upper and lower jaw.



Start



After 6 months



Start



After 6 months

Case 2: Dr. V. Cacciafesta, Pavia, Italy.



Start



After 3 months

Case 3: Dr. V. Cacciafesta, Pavia, Italy.



Start



After 3 months

Case 4: Dr. V. Cacciafesta, Pavia, Italy. Class I with crowding in upper and lower jaw.



Start



Start



After 2 months



After 4 months



After 4 months



Start



After 2 months



After 4 months

Case 5: Dr. Karp, Munich, Germany. Class I, deep bite and upright/slightly retroclined – 11 and 21.



Start



After 5 months

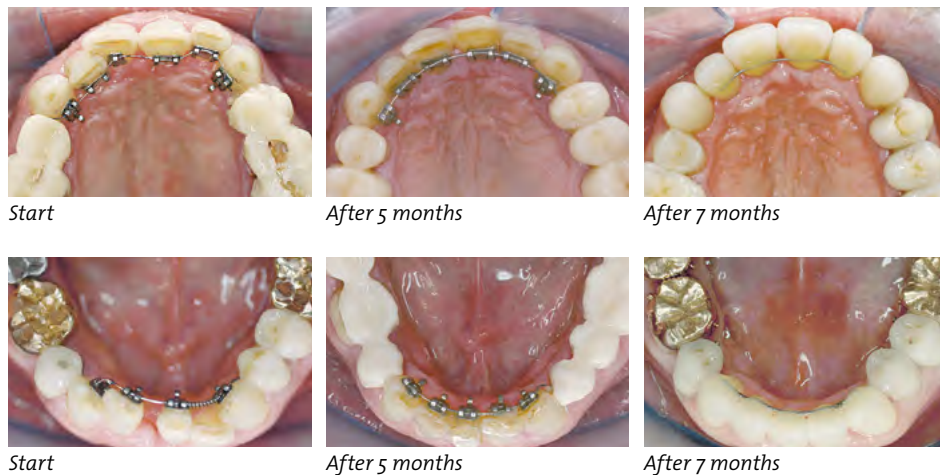


Start

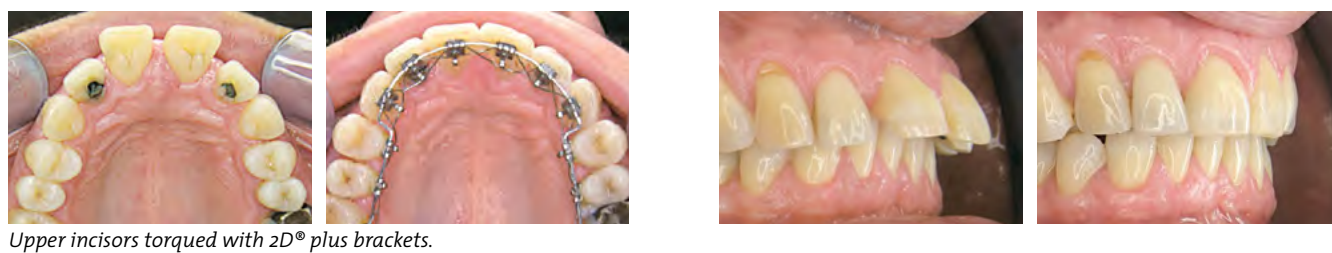


After 3 months

Case 6: Dr. Geserick, Ulm, Germany. Patient with veneers to extend clinical crowns and to raise posterior bite.



Case 7: Dr. B. Ludwig and Dr. B. Glasl, Traben-Trarbach, Germany.



Upper incisors torqued with 2D® plus brackets.

Case 8: Dr. V. Cacciafesta, Pavia, Italy. 2D® Lingual brackets Large Pad: rotation and angulation problems with maxillary incisors and molars.



Case 9: Dr. V. Cacciafesta, Pavia, Italy. 2D® Plus Lingual brackets: application of torque to maxillary incisors in extraction cases and Class II, Div. 2.





1 year und 3 months (Extraction of 15 and 25)


2D® *Lingual Brackets*

Order No.		Use	Content	Size	Description
760-1026		$\frac{54321}{54321} \mid \frac{12345}{12345}$	10	medium twin	2D® Lingual Bracket without hook, only 1,3 mm flat
760-1126		$\frac{7654321}{7654321} \mid \frac{1234567}{1234567}$	10	medium twin	2D® Lingual Bracket with large, gingival hook, only 1,3 mm flat
763-1126		$\frac{54321}{54321} \mid \frac{12345}{12345}$	10	medium twin	2D® Lingual Bracket with T-hook
761-1126		$\frac{54321}{54321} \mid \frac{12345}{12345}$	10	medium twin	2D® Plus Lingual Bracket without hook to apply torque on single teeth
762-1126		$\frac{54321}{54321} \mid \frac{12345}{12345}$	10	medium twin	2D® Plus Lingual Bracket with gingival hook to apply torque on single teeth
760-1028		$\frac{321}{321} \mid \frac{123}{123}$	10	narrow single	2D® Lingual Bracket without hook, only 1,3 mm flat
760-1029		$\frac{21}{21} \mid \frac{12}{12}$	10	narrow twin	Mini Ants with hook for better rotation control
760-1030		$\frac{21}{21} \mid \frac{12}{12}$	10	narrow twin	Mini Ants with hook for better rotation control
760-1027		$\frac{7654}{7654} \mid \frac{1}{1} \frac{4567}{4567}$	10	large twin	2D® Lingual Bracket without hook, only 1,3 mm flat
760-1127		$\frac{7654}{7654} \mid \frac{1}{1} \frac{4567}{4567}$	10	large twin	2D® Lingual Bracket with large, gingival hook, only 1,3 mm flat, extra wide for increased control of angulation and rotation
760-1032		$\frac{321}{321} \mid \frac{123}{123}$	10	narrow twin	Mini Ants for better rotation control, narrow
760-1167		$\frac{76}{76} \mid \frac{67}{67}$	10	standard	Lingual tube
760-2167		$\frac{76}{76} \mid \frac{67}{67}$	10		



Lingual Brackets – 1 case (20 Brackets, 5 - 5)

Order No.		Use	Content	Size	Description
706-0869		5 4 3 2 1 1 2 3 4 5 5 4 3 2 1 1 2 3 4 5	8x / 12x	medium twin	2D® Lingual Bracket with / without T-hook (12x 8x)
706-0874		5 4 3 2 1 1 2 3 4 5 5 4 3 2 1 1 2 3 4 5	20x	medium twin	2D® Lingual Bracket with T-hook







Lingual Brackets – Starter Assortments

707-1503	<p>Starter assortment 2D® Lingual Brackets with and without T-hook</p> <p>2D® Lingual Brackets – 5 cases (60 with T-hook, 40 without T-hook) 1 Model 2D® Lingual Brackets upper + lower</p>
707-1504	<p>Starter assortment Kit 2D® Lingual Brackets with T-hook</p> <p>2D® Lingual Brackets – 5 cases with T-hook. (100 Brackets) 1 Model 2D® Lingual Brackets upper + lower</p>
707-1505	<p>Starter assortment 2D® Lingual Brackets mixed with large gingival hook</p> <p>2D® Lingual Brackets – 5 cases (40 x 760-1026 Medium Twin, 40 x 760-1126 Medium Twin with gingival hook, 10 x 760-1027 Large Twin, 10 x 760-1028 narrow single) 1 Model 2D® Lingual Brackets upper + lower</p>
	<p>additional contents in every assortment:</p> <p>1 Special explorer with director 1 BioLingual® archwire 0.010" - Shape 2 1 BioLingual® archwire 0.010" - Shape 5 1 BioLingual® archwire 0.012" - Shape 2 1 BioLingual® archwire 0.012" - Shape 3 1 BioLingual® archwire 0.012" - Shape 4 1 BioLingual® archwire 0.012" - Shape 5 1 BioLingual® archwire 0.016" - Shape 2 1 BioLingual® archwire 0.016" - Shape 3 1 BioLingual® archwire 0.016" - Shape 4 1 BioLingual® archwire 0.016" - Shape 5 Patient brochures Lingual (appr. 25 pieces) Template for BioLingual® archwires</p>





BioLingual® archwires

Size	Profile	Force	Content						
				Shape 1	Shape 2	Shape 3	Shape 4	Shape 5	Shape 6
.010"	●	20 g	10	270-0125	270-0225	270-0325	270-0425	270-0525	270-0625
.012"	●	30 g	10	270-0130	270-0230	270-0330	270-0430	270-0530	270-0630
.014"	●	40 g	10	270-0135	270-0235	270-0335	270-0435	270-0535	270-0635
.016"	●	50 g	10	270-0140	270-0240	270-0340	270-0440	270-0540	270-0640

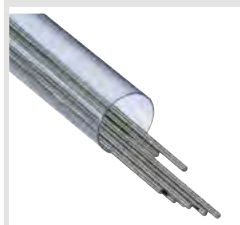

BioLingual® archwires – mix packs

Size	Profile	Force	Order No.	Content			
				Shape 2	Shape 3	Shape 4	Shape 5
.012"	●	30 g	270-0030	2	3	3	2
.014"	●	40 g	270-0035	2	3	3	2
.016"	●	50 g	270-0040	2	3	3	2









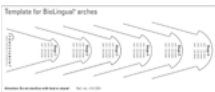


Titanol® lingual archwires

	Size	Quality	Content	Order No.
	Max. .012"	Titanol®		10
Mand. .012"	10			272-0930
Max. .014"	Titanol®		10	272-0835
Mand. .014"			10	272-0935
Max. .016"	Titanol®		10	272-0840
Mand. .016"			10	272-0940
Max. .016" x .016"	Titanol®		10	272-1440
Mand. .016" x .016"			10	272-1540





Betaflex Titan archwires







	Size	Profile	Content	Order No.
Betaflex titanium wires – straight, 380 mm = 15" length	.016 x .022		10	220-4055

2D® Lingual Brackets Accessories

Order No.		Content	Description	
655-0015		1 roll	Lingual elastic chain – flatter than standard-chains	
501-0855		1	Archwire tucker disinfestable, sterilisable	
501-0843		1	Special explorer with director to open the 2D® lingual brackets	
501-0845		1	Weingart ultra lightwire pliers	
501-0223		1	2D® Lingual bracket tweezers – 3 mm	
501-0224		1	2D® Lingual bracket tweezers – 4 mm	
435-0005		1	Template for BioLingual® archwires	
501-0863		1	Dental calliper gauge with graphite marker for measurements of internal and external dimensions of lab works	
501-0879		10	Spare leads for dental calliper gauge	

Accessories

Order No.		Image	Content	Description
for welding	on pad			
760-0014	760-0614		10	Double lingual cleat
760-0001	760-0801		10	Lingual buttons with short neck
760-0002	760-0802		10	Lingual buttons with long neck
760-0005	760-0805		10	Lingual buttons , large contoured base

Order No.	Image	Content	Description
760-0030		10	Eruption chain for integration of impacted teeth 
413-0011		50	Medical grade Silicone for temporary relief from appliance irritations
950-0212		1	Model 2D[®] Lingual Brackets
760-0070		10	Lingual retainer pad for individual preparation of retainers for direct application without prior fitting on the model
261-4040	 ø 0,40 mm = .016 inch	10	6-twist stranded, soft wire is especially suited for adapting purposes. Pieces of 355 mm / 14" length



