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# ORTHODONTIC CATALOG

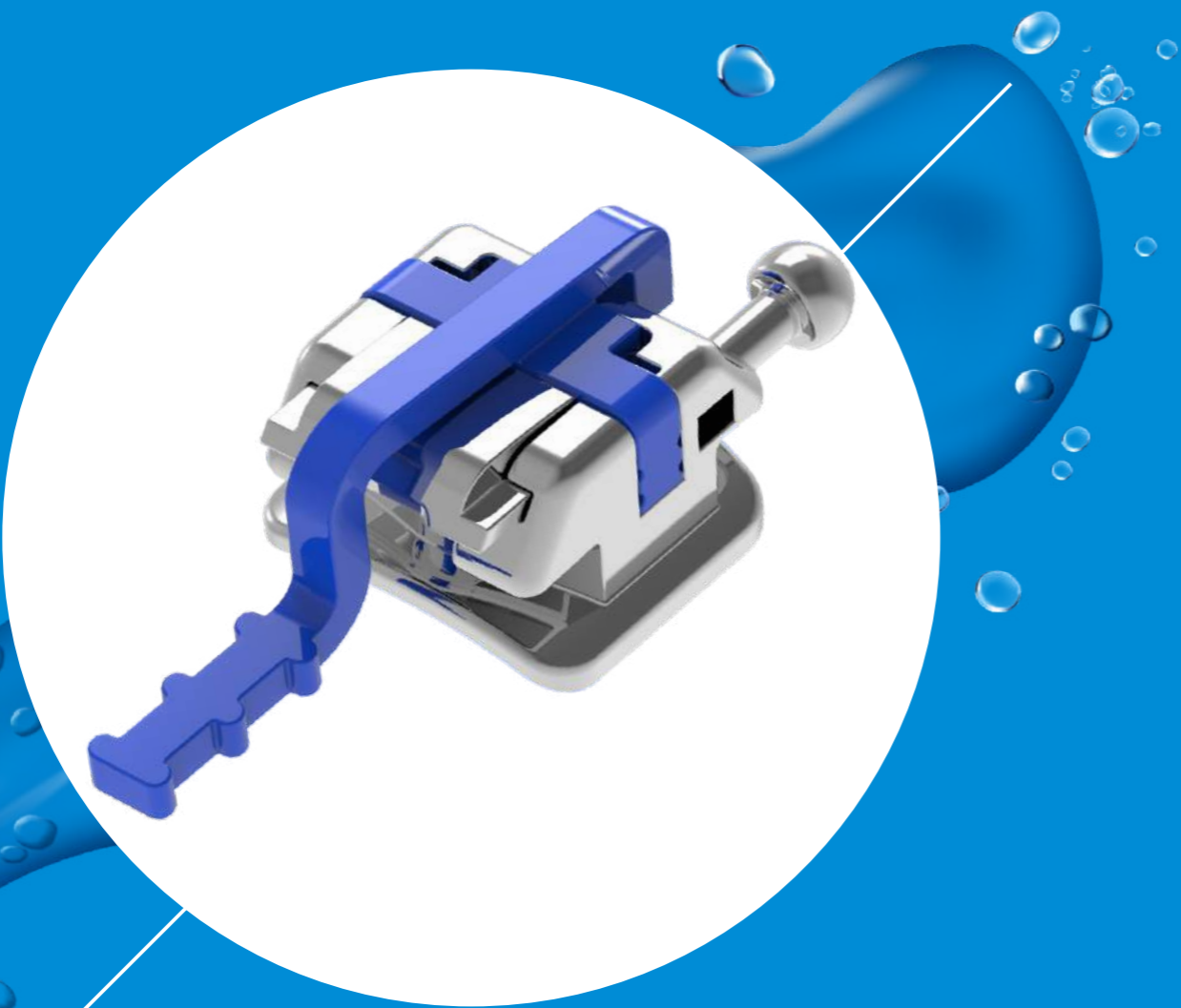
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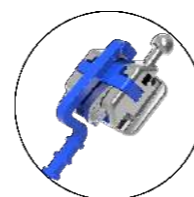
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# ORTHODONTIC BRACKETS

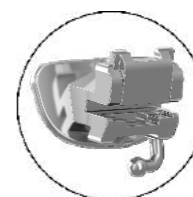


## SELF-LIGATING BRACKET

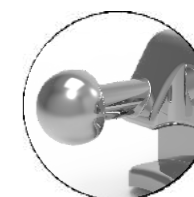
### 6D SELF-LIGATING BRACKETS SELF-LIGATING BRACKETS



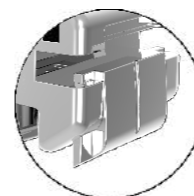
Removable positioning gauge design  
Vertical auxiliary slot guide precision bracket placement



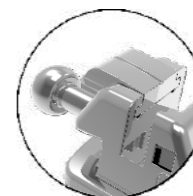
With self-ligating buccal tube, Facilitates the insertion of the arch wires in the slots.



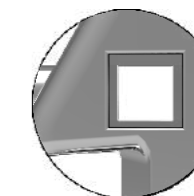
Stable fixed hook design, Simplify the operation steps of doctors



New vertical scribe line along helps guide desired bracket placement



The open and closed are in the same direction, easier for the orthodontic practices



Horizontal auxiliary slot, Facilitates doctor's adjustments For individual tooth positions, aligning teeth efficiently, Save operating time

# Brackets



# 5D SELF-LIGATING BRACKETS

## 6D Self-ligating brackets 0.022"

### 6D Self-ligating

Position Torque	UI	U2	U3	U45	L12	L3	L4	L5
ROTH	12°	8°	0°	-7°	-1°	-11°	-17°	-22°
MBT	17°	10°	0°	-7°	-6°	-6°	-12°	-17°
High	22°	13°	11°	-11°	-3°	13°	-5°	-17°
Middle	15°	6°	7°	-11°	-3°	7°	-12°	-17°
Low	2°	-5°	-9°	-11°	-11°	0°	-12°	-17°

### 6D Self-ligating ROTH brackets

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H6153R-22-1
with Hooks on 3's	H6153R-22-2
with Hooks on 3,4, 5's	H6153R-22-3

### 6D Self-ligating MBT brackets

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H6153M-22-1
with Hooks on 3's	H6153M-22-2
with Hooks on 3,4, 5's	H6153M-22-3

### 6D Self-ligating brackets High Torque

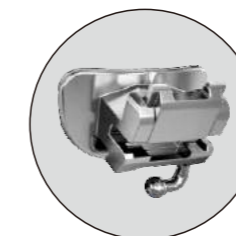
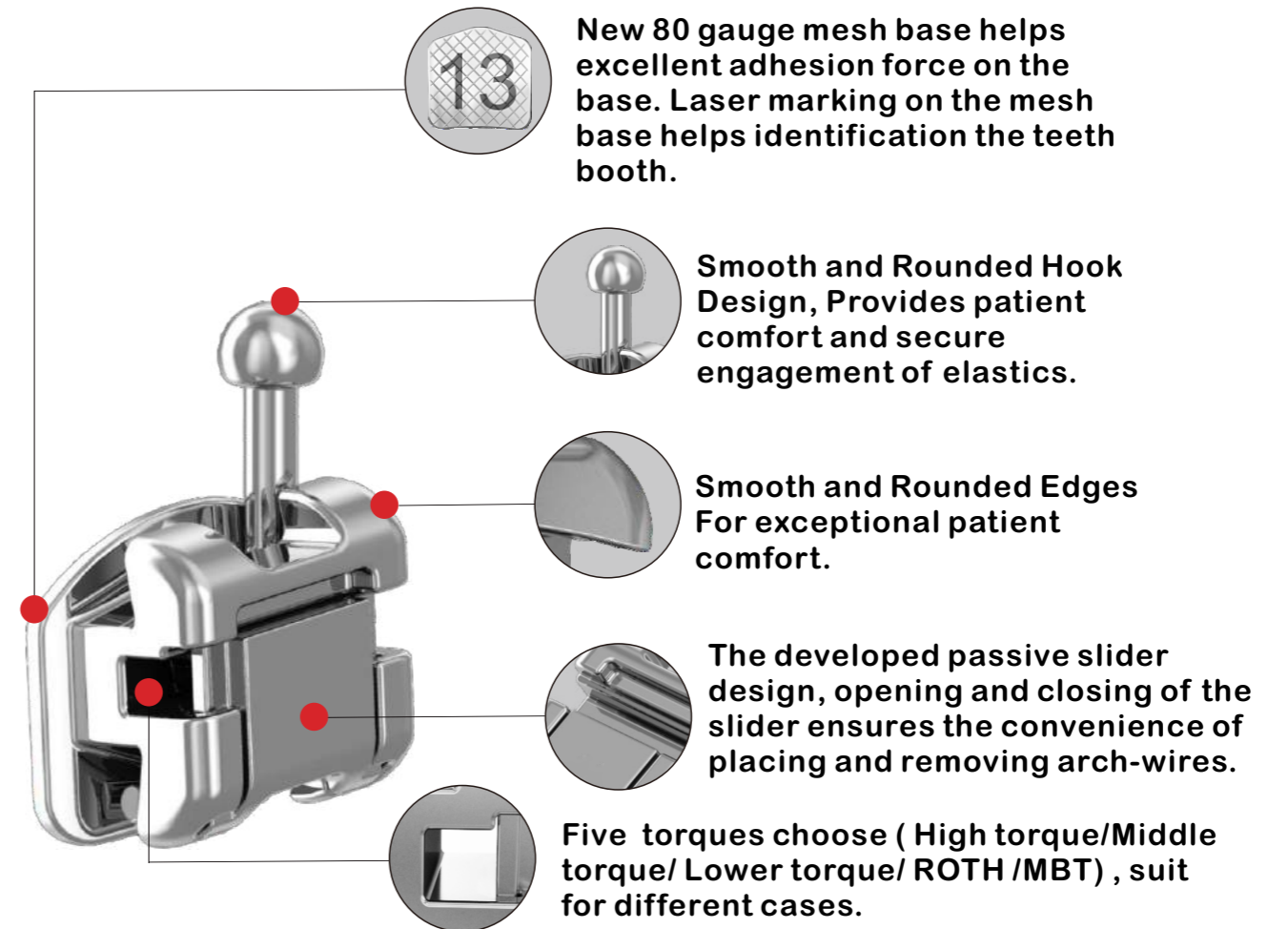
Description / 7-7,28pcs	Item NO. .022"
without Hooks	H6153G-22-1
with Hooks on 3's	H6153G-22-2
with Hooks on 3,4, 5's	H6153G-22-3

### 6D Self-ligating brackets Middle Torque

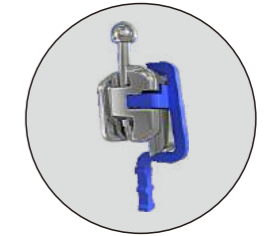
Description / 7-7,28pcs	Item NO. .022"
without Hooks	H6153B-22-1
with Hooks on 3's	H6153B-22-2
with Hooks on 3,4, 5's	H6153B-22-3

### 6D Self-ligating brackets Low Torque

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H6153D-22-1
with Hooks on 3's	H6153D-22-2
with Hooks on 3,4, 5's	H6153D-22-3



Excellent package with self ligating buccal tube



Removable positioning gauge  
Colored positing gauges on brackets(3-3)

# Brackets



## 5D Self-ligating brackets 0.022"

### 5D Self-ligating

Position Torque	UI	U2	U3	U45	L12	L3	L4	L5
ROTH	12°	8°	0°	-7°	-1°	-11°	-17°	-22°
MBT	17°	10°	0°	-7°	-6°	-6°	-12°	-17°
High	22°	13°	11°	-11°	-3°	13°	-5°	-17°
Middle	15°	6°	7°	-11°	-3°	7°	-12°	-17°
Low	2°	-5°	-9°	-11°	-11°	0°	-12°	-17°

### 5D Self-ligating ROTH brackets

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H5153R-22-1
with Hooks on 3's	H5153R-22-2
with Hooks on 3,4, 5's	H5153R-22-3

### 5D Self-ligating MBT brackets

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H5153M-22-1
with Hooks on 3's	H5153M-22-2
with Hooks on 3,4, 5's	H5153M-22-3

### 5D Self-ligating brackets High Torque

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H5153G-22-1
with Hooks on 3's	H5153G-22-2
with Hooks on 3,4, 5's	H5153G-22-3

### 5D Self-ligating brackets Middle Torque

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H5153B-22-1
with Hooks on 3's	H5153B-22-2
with Hooks on 3,4, 5's	H5153B-22-3

### 5D Self-ligating brackets Low Torque

Description / 7-7,28pcs	Item NO. .022"
without Hooks	H5153D-22-1
with Hooks on 3's	H5153D-22-2
with Hooks on 3,4, 5's	H5153D-22-3



# 4D SELF-LIGATING BRACKETS







## 4D Self-ligating brackets HIGH Torque 0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot .022"	
MAXILLARY	Centrals	/	+22°	5°	3.0mm	R	4152H-2211
						L	4152H-2221
	Laterals	/	+13°	9°	2.9mm	R	4152H-2212
						L	4152H-2222
	Cuspids	without hook	+11°	9°	3.0mm	R	4152H-2213
						L	4152H-2223
		with hook	+11°	9°	3.0mm	R	4152H-2213H
						L	4152H-2223H
	1 <sup>st</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152H-2214
						L	4152H-2224
		with hook	-11°	0°	2.9mm	R	4152H-2214H
						L	4152H-2224H
2 <sup>nd</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152H-2215	
					L	4152H-2225	
	with hook	-11°	0°	2.9mm	R	4152H-2215H	
					L	4152H-2225H	
MANDIBULAR	Lower Anteriors	/	-3°	0°	2.6mm	/	4152H-2241
	Cuspids	without hook	+13°	5°	2.9mm	R	4152H-2243
						L	4152H-2233
		with hook	+13°	5°	2.9mm	R	4152H-2243H
						L	4152H-2233H
	1 <sup>st</sup> Bicuspid	without hook	-5°	0°	2.9mm	R	4152H-2244
						L	4152H-2234
		with hook	-5°	0°	2.9mm	R	4152H-2244H
						L	4152H-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.9mm	R	4152H-2245
						L	4152H-2235
		with hook	-17°	0°	2.9mm	R	4152H-2245H
L						4152H-2235H	

### 4D Self-ligating brackets High Torque

Description / 7-7,28pcs	Item NO.
	.022"
without Hooks	H4152H-22-1
with Hooks on 3's	H4152H-22-2
with Hooks on 3,4, 5's	H4152H-22-3



## 4D Self-ligating brackets MIDDLE Torque 0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot .022"	
MAXILLARY	Centrals	/	+15°	5°	3.0mm	R	4152M-2211
						L	4152M-2221
	Laterals	/	+6°	9°	2.9mm	R	4152M-2212
						L	4152M-2222
	Cuspids	without hook	+7°	9°	3.0mm	R	4152M-2213
						L	4152M-2223
		with hook	+7°	9°	3.0mm	R	4152M-2213H
						L	4152M-2223H
	1 <sup>st</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152M-2214
						L	4152M-2224
		with hook	-11°	0°	2.9mm	R	4152M-2214H
						L	4152M-2224H
2 <sup>nd</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152M-2215	
					L	4152M-2225	
	with hook	-11°	0°	2.9mm	R	4152M-2215H	
					L	4152M-2225H	
MANDIBULAR	Lower Anteriors	/	-3°	0°	2.6mm	/	4152M-2241
	Cuspids	without hook	+7°	5°	2.9mm	R	4152M-2243
						L	4152M-2233
		with hook	+7°	5°	2.9mm	R	4152M-2243H
						L	4152M-2233H
	1 <sup>st</sup> Bicuspid	without hook	-12°	0°	2.9mm	R	4152M-2244
						L	4152M-2234
		with hook	-12°	0°	2.9mm	R	4152M-2244H
						L	4152M-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.9mm	R	4152M-2245
						L	4152M-2235
		with hook	-17°	0°	2.9mm	R	4152M-2245H
L						4152M-2235H	

### 4D Self-ligating brackets Middle Torque

Description / 7-7,28pcs	Item NO.
	.022"
without Hooks	H4152M-22-1
with Hooks on 3's	H4152M-22-2
with Hooks on 3,4, 5's	H4152M-22-3



## Brackets

**MIM**  
Mini / standard  
**Bondable edgewise brackets**  
0.018"/0.022"



Brackets	Description	Torque	Ang.	Mini	Std.	Side	Mini		Standard		
				width	width		.018"	.022"	.018"	.022"	
MAXILLARY	Centrals	/	0°	0°	2.8mm	3.2mm	R	105-1811	105-2211	106-1811	106-2211
							L	105-1821	105-2221	106-1821	106-2221
	Laterals	/	0°	0°	2.6mm	3.0mm	R	105-1812	105-2212	106-1812	106-2212
							L	105-1822	105-2222	106-1822	106-2222
	Cuspids	without hook	0°	0°	2.8mm	3.2mm	R	105-1813	105-2213	106-1813	106-2213
							L	105-1823	105-2223	106-1823	106-2223
		with hook	0°	0°	2.8mm	3.2mm	R	105-1813H	105-2213H	106-1813H	106-2213H
							L	105-1823H	105-2223H	106-1823H	106-2223H
	Bicuspid	without hook	0°	0°	2.6mm	3.0mm	R	105-1815	105-2215	106-1815	106-2215
							L	105-1825	105-2225	106-1825	106-2225
		with hook	0°	0°	2.6mm	3.0mm	R	105-1815H	105-2215H	106-1815H	106-2215H
							L	105-1825H	105-2225H	106-1825H	106-2225H
MANDIBULAR	Lower Anteriors	/	0°	0°	2.3mm	2.3mm	/	105-1841	105-2241	106-1841	106-2241
	Cuspids	without hook	0°	0°	2.8mm	3.2mm	R	105-1843	105-2243	106-1843	106-2243
							L	105-1833	105-2233	106-1833	106-2233
		with hook	0°	0°	2.8mm	3.2mm	R	105-1843H	105-2243H	106-1843H	106-2243H
							L	105-1833H	105-2233H	106-1833H	106-2233H
	1 <sup>st</sup> Bicuspid	without hook	0°	0°	2.6mm	3.0mm	R	105-1844	105-2244	106-1844	106-2244
							L	105-1834	105-2234	106-1834	106-2234
		with hook	0°	0°	2.6mm	3.0mm	R	105-1844H	105-2244H	106-1844H	106-2244H
							L	105-1834H	105-2234H	106-1834H	106-2234H
	2 <sup>nd</sup> Bicuspid	without hook	0°	0°	2.6mm	3.0mm	R	105-1845	105-2245	106-1845	106-2245
							L	105-1835	105-2235	106-1835	106-2235
		with hook	0°	0°	2.6mm	3.0mm	R	105-1845H	105-2245H	106-1845H	106-2245H
L							105-1835H	105-2235H	106-1835H	106-2235H	

### Bondable mini edgewise brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H105-18-1	H105-22-1
with Hooks on 3's	H105-18-2	H105-22-2
with Hooks on 3,4,5's	H105-18-3	H105-22-3

### Bondable standard edgewise brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H106-18-1	H106-22-1
with Hooks on 3's	H106-18-2	H106-22-2
with Hooks on 3,4,5's	H106-18-3	H106-22-3

## Brackets



**Superior**  
MIM monoblock ROTH brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	R	121-1811	121-2211
						L	121-1821	121-2221
	Laterals	/	+8°	9°	2.8mm	R	121-1812	121-2212
						L	121-1822	121-2222
	Cuspids	without hook	0°	11°	2.8mm	R	121-1813	121-2213
						L	121-1823	121-2223
		with hook	0°	11°	2.8mm	R	121-1813H	121-2213H
						L	121-1823H	121-2223H
	Bicuspid	without hook	-7°	0°	2.8mm	R	121-1815	121-2215
						L	121-1825	121-2225
		with hook	-7°	0°	2.8mm	R	121-1815H	121-2215H
						L	121-1825H	121-2225H
MANDIBULAR	Lower Anteriors	/	-1°	0°	2.3mm	/	121-1841	121-2241
	Cuspids	without hook	-11°	5°	2.8mm	R	121-1843	121-2243
						L	121-1833	121-2233
		with hook	-11°	5°	2.8mm	R	121-1843H	121-2243H
						L	121-1833H	121-2233H
	1 <sup>st</sup> Bicuspid	without hook	-17°	0°	2.8mm	R	121-1844	121-2244
						L	121-1834	121-2234
		with hook	-17°	0°	2.8mm	R	121-1844H	121-2244H
						L	121-1834H	121-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-22°	0°	2.8mm	R	121-1845	121-2245
						L	121-1835	121-2235
		with hook	-22°	0°	2.8mm	R	121-1845H	121-2245H
L						121-1835H	121-2235H	

### Superior monoblock mini ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H121-18-1	H121-22-1
with Hooks on 3's	H121-18-2	H121-22-2
with Hooks on 3,4,5's	H121-18-3	H121-22-3



# Brackets



## 4D Self-ligating brackets LOW Torque 0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot .022"	
MAXILLARY	Centrals	/	+2°	5°	3.0mm	R	4152L-2211
						L	4152L-2221
	Laterals	/	-5°	9°	2.9mm	R	4152L-2212
						L	4152L-2222
	Cuspids	without hook	-9°	9°	3.0mm	R	4152L-2213
						L	4152L-2223
		with hook	-9°	9°	3.0mm	R	4152L-2213H
						L	4152L-2223H
	1 <sup>st</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152L-2214
						L	4152L-2224
		with hook	-11°	0°	2.9mm	R	4152L-2214H
						L	4152L-2224H
2 <sup>nd</sup> Bicuspid	without hook	-11°	0°	2.9mm	R	4152L-2215	
					L	4152L-2225	
	with hook	-11°	0°	2.9mm	R	4152L-2215H	
					L	4152L-2225H	
MANDIBULAR	Lower Anteriors	/	-11°	0°	2.6mm	/	4152L-2241
	Cuspids	without hook	0°	5°	2.9mm	R	4152L-2243
						L	4152L-2233
	1 <sup>st</sup> Bicuspid	without hook	-12°	0°	2.9mm	R	4152L-2244
						L	4152L-2234
		with hook	-12°	0°	2.9mm	R	4152L-2244H
						L	4152L-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.9mm	R	4152L-2245
						L	4152L-2235
		with hook	-17°	0°	2.9mm	R	4152L-2245H
L						4152L-2235H	

### 4D Self-ligating brackets Low Torque

Description / 7-7,28pcs	Item NO.
	.022"
without Hooks	H4152L-22-1
with Hooks on 3's	H4152L-22-2
with Hooks on 3,4, 5's	H4152L-22-3

# 3D SELF-LIGATING BRACKETS

## Nickel-free Laser Welding Advanced Technology



### 3D ROTH/MBT

#### Headway 3D Self Ligating Brackets-Main Features:

- Adopt the 17-4 raw material and MIM technology, accurate prescriptions, better in strength and durability.
- Adopt the ultrathin design on the brackets, to reduce the thickness extremely and can avoid bite jaw interference during treatment.
- The smooth edge design of the bracket could provide the best comfort.
- Bracket open method adopts the passive slip design, can effectively reduce the friction between the bracket and archwire and achieve the orthodontic system of the continuous low friction.
- The open and closed are in the same direction, easier for the orthodontic practices.
- The unique invisible hook design, satisfy the clinic practices requirement on the intermaxillary and intramaxillary elastic.
- All the teeth have the vertical slot with detachable hook, can ensure the individual case requirement of intermaxillary and intramaxillary elastic.
- New 80 gauge mesh base, high strength bondable.



# Brackets



## 3D Self-ligating ROTH brackets 0.018"/0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot .022"	
MAXILLARY	Centrals	/	+12°	5°	3.0mm	R	3150-2211
						L	3150-2221
	Laterals	/	+8°	9°	2.8mm	R	3150-2212
						L	3150-2222
	Cuspids	without hook	0°	11°	3.0mm	R	3150-2213
						L	3150-2223
		with hook	0°	11°	3.0mm	R	3150-2213H
						L	3150-2223H
	1 <sup>st</sup> Bicuspid	without hook	-7°	0°	2.8mm	R	3150-2214
						L	3150-2224
		with hook	-7°	0°	2.8mm	R	3150-2214H
						L	3150-2224H
	2 <sup>nd</sup> Bicuspid	without hook	-7°	0°	2.8mm	R	3150-2215
						L	3150-2225
with hook		-7°	0°	2.8mm	R	3150-2215H	
					L	3150-2225H	
MANDIBULAR	Lower Anteriors	/	-1°	0°	2.6mm	/	3150-2241
	Cuspids	without hook	-11°	5°	2.8mm	R	3150-2243
						L	3150-2233
	with hook	-11°	5°	2.8mm	R	3150-2243H	
					L	3150-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-17°	0°	2.8mm	R	3150-2244
						L	3150-2234
		with hook	-17°	0°	2.8mm	R	3150-2244H
						L	3150-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-22°	0°	2.8mm	R	3150-2245
L						3150-2235	
with hook		-22°	0°	2.8mm	R	3150-2245H	
					L	3150-2235H	

### 3D Self-ligating ROTH brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
without Hooks	H3150-18-1	H3150-22-1
with Hooks on 3's	H3150-18-2	H3150-22-2
with Hooks on 3,4, 5's	H3150-18-3	H3150-22-3



# Brackets



## 3D Self-ligating MBT brackets 0.018"/0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot .022"	
MAXILLARY	Centrals	/	+17°	4°	3.0mm	R	3151-2211
						L	3151-2221
	Laterals	/	+10°	8°	2.8mm	R	3151-2212
						L	3151-2222
	Cuspids	without hook	0°	8°	3.0mm	R	3151-2213
						L	3151-2223
		with hook	0°	8°	3.0mm	R	3151-2213H
						L	3151-2223H
	1 <sup>st</sup> Bicuspid	without hook	-7°	0°	2.8mm	R	3151-2214
						L	3151-2224
		with hook	-7°	0°	2.8mm	R	3151-2214H
						L	3151-2224H
	2 <sup>nd</sup> Bicuspid	without hook	-7°	0°	2.8mm	R	3151-2215
						L	3151-2225
with hook		-7°	0°	2.8mm	R	3151-2215H	
					L	3151-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.6mm	/	3151-2241
	Cuspids	without hook	-6°	3°	2.8mm	R	3151-2243
						L	3151-2233
	with hook	-6°	3°	2.8mm	R	3151-2243H	
					L	3151-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-12°	0°	2.8mm	R	3151-2244
						L	3151-2234
		with hook	-12°	0°	2.8mm	R	3151-2244H
						L	3151-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.8mm	R	3151-2245
L						3151-2235	
with hook		-17°	0°	2.8mm	R	3151-2245H	
					L	3151-2235H	

### 3D Self-ligating MBT brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
without Hooks	H3151-18-1	H3151-22-1
with Hooks on 3's	H3151-18-2	H3151-22-2
with Hooks on 3,4, 5's	H3151-18-3	H3151-22-3



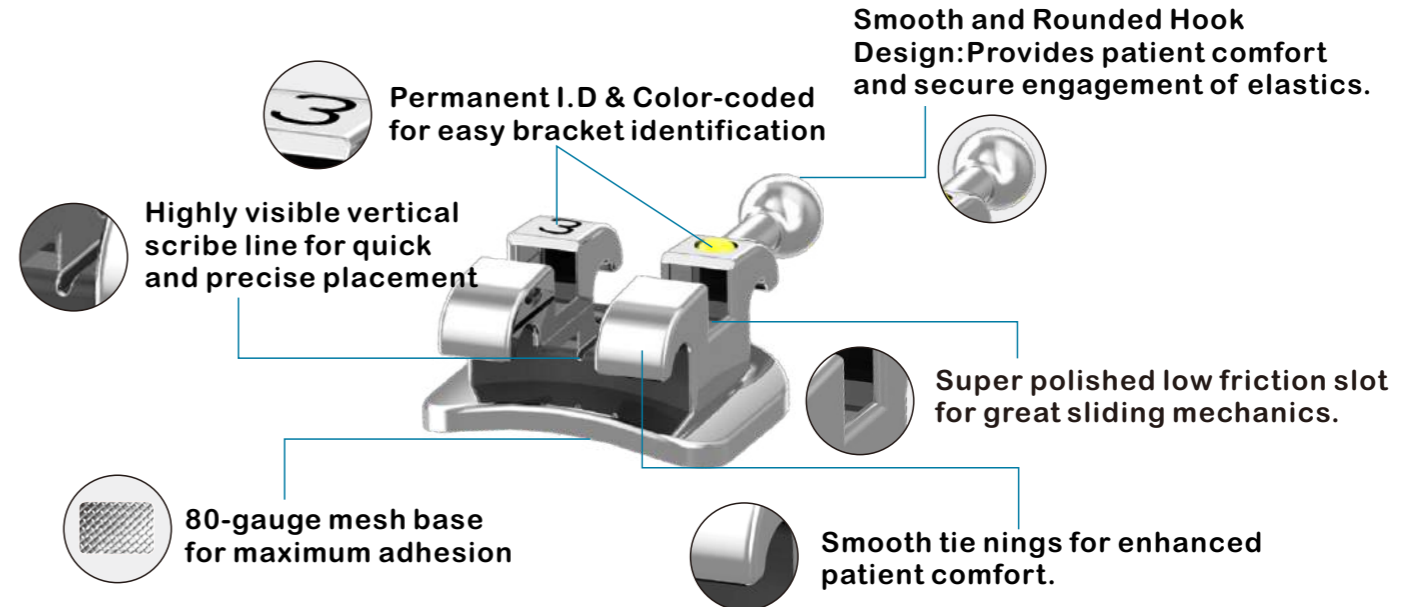


# Brackets Case



# Metal Brackets

DUE EFFE brackets is tarnish-resistant and manufactured using MIM technology; an efficient, multi-step process capable of producing intricately formed brackets to exact dimensions and tolerances. The result is an accurate prescription built into each bracket. The bio-compatible, nickel-free material of these brackets ensures that they are both a safe and effective choice for your patient.



## Metal Brackets Identification

.018"/.022"



Lower Anteriors - No Markings  
(Color-coding not on Edgewise)

## FDI (World Dental Federation) System

17	16	15	14	13	12	11	21	22	23	24	25	26	27
7	6	5	4	3	2	1	1	2	3	4	5	6	7
7	6	5	4	3	2	1	1	2	3	4	5	6	7
47	46	45	44	43	42	41	31	32	33	34	35	36	37



## Brackets

MIM  
Mini / standard  
Bondable ROTH brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	Mini width	Std. width	Side	Mini		Standard		
							.018"	.022"	.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	3.4mm	R	101-1811	101-2211	102-1811	102-2211
							L	101-1821	101-2221	102-1821	102-2221
	Laterals	/	+8°	9°	2.8mm	2.8mm	R	101-1812	101-2212	102-1812	102-2212
							L	101-1822	101-2222	102-1822	102-2222
	Cuspids	without hook	0°	11°	2.8mm	3.2mm	R	101-1813	101-2213	102-1813	102-2213
							L	101-1823	101-2223	102-1823	102-2223
		with hook	0°	11°	2.8mm	3.2mm	R	101-1813H	101-2213H	102-1813H	102-2213H
							L	101-1823H	101-2223H	102-1823H	102-2223H
	Bicuspid	without hook	-7°	0°	2.8mm	2.9mm	R	101-1815	101-2215	102-1815	102-2215
							L	101-1825	101-2225	102-1825	102-2225
with hook		-7°	0°	2.8mm	2.9mm	R	101-1815H	101-2215H	102-1815H	102-2215H	
						L	101-1825H	101-2225H	102-1825H	102-2225H	
MANDIBULAR	Lower Anteriors	/	0°	0°	2.3mm	2.4mm	/	101-1841	101-2241	102-1841	102-2241
	Cuspids	without hook	-11°	5°	2.8mm	2.9mm	R	101-1843	101-2243	102-1843	102-2243
							L	101-1833	101-2233	102-1833	102-2233
	with hook	-11°	5°	2.8mm	2.9mm	R	101-1843H	101-2243H	102-1843H	102-2243H	
						L	101-1833H	101-2233H	102-1833H	102-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-17°	0°	2.8mm	2.9mm	R	101-1844	101-2244	102-1844	102-2244
							L	101-1834	101-2234	102-1834	102-2234
		with hook	-17°	0°	2.8mm	2.9mm	R	101-1844H	101-2244H	102-1844H	102-2244H
							L	101-1834H	101-2234H	102-1834H	102-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-22°	0°	2.8mm	2.9mm	R	101-1845	101-2245	102-1845	102-2245
L							101-1835	101-2235	102-1835	102-2235	
with hook		-22°	0°	2.8mm	2.9mm	R	101-1845H	101-2245H	102-1845H	102-2245H	
						L	101-1835H	101-2235H	102-1835H	102-2235H	

### Bondable mini ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H101-18-1	H101-22-1
with Hooks on 3's	H101-18-2	H101-22-2
with Hooks on 3,4,5's	H101-18-3	H101-22-3

### Bondable standard ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H102-18-1	H102-22-1
with Hooks on 3's	H102-18-2	H102-22-2
with Hooks on 3,4,5's	H102-18-3	H102-22-3

## Brackets

MIM  
Mini / standard  
Bondable MBT brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	Mini width	Std. width	Side	Mini		Standard		
							.018"	.022"	.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	3.7mm	R	103-1811	103-2211	104-1811	104-2211
							L	103-1821	103-2221	104-1821	104-2221
	Laterals	/	+10°	8°	2.8mm	3.0mm	R	103-1812	103-2212	104-1812	104-2212
							L	103-1822	103-2222	104-1822	104-2222
	Cuspids	without hook	0°	8°	2.8mm	3.4mm	R	103-1813	103-2213	104-1813	104-2213
							L	103-1823	103-2223	104-1823	104-2223
		with hook	0°	8°	2.8mm	3.4mm	R	103-1813H	103-2213H	104-1813H	104-2213H
							L	103-1823H	103-2223H	104-1823H	104-2223H
	Bicuspid	without hook	-7°	0°	2.8mm	3.0mm	R	103-1815	103-2215	104-1815	104-2215
							L	103-1825	103-2225	104-1825	104-2225
with hook		-7°	0°	2.8mm	3.0mm	R	103-1815H	103-2215H	104-1815H	104-2215H	
						L	103-1825H	103-2225H	104-1825H	104-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.3mm	2.4mm	/	103-1841	103-2241	104-1841	104-2241
	Cuspids	without hook	-6°	3°	2.8mm	3.4mm	R	103-1843	103-2243	104-1843	104-2243
							L	103-1833	103-2233	104-1833	104-2233
	with hook	-6°	3°	2.8mm	3.4mm	R	103-1843H	103-2243H	104-1843H	104-2243H	
						L	103-1833H	103-2233H	104-1833H	104-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-12°	0°	2.8mm	3.2mm	R	103-1844	103-2244	104-1844	104-2244
							L	103-1834	103-2234	104-1834	104-2234
		with hook	-12°	0°	2.8mm	3.2mm	R	103-1844H	103-2244H	104-1844H	104-2244H
							L	103-1834H	103-2234H	104-1834H	104-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.8mm	3.2mm	R	103-1845	103-2245	104-1845	104-2245
L							103-1835	103-2235	104-1835	104-2235	
with hook		-17°	0°	2.8mm	3.2mm	R	103-1845H	103-2245H	104-1845H	104-2245H	
						L	103-1835H	103-2235H	104-1835H	104-2235H	

### Bondable mini MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H103-18-1	H103-22-1
with Hooks on 3's	H103-18-2	H103-22-2
with Hooks on 3,4,5's	H103-18-3	H103-22-3

### Bondable standard MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H104-18-1	H104-22-1
with Hooks on 3's	H104-18-2	H104-22-2
with Hooks on 3,4,5's	H104-18-3	H104-22-3



## Brackets

MIM  
Mini / standard  
Sandblasted ROTH brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	Mini width	Std. width	Side	Mini		Standard		
							.018"	.022"	.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	3.4mm	R	101S-1811	101S-2211	102S-1811	102S-2211
							L	101S-1821	101S-2221	102S-1821	102S-2221
	Laterals	/	+8°	9°	2.8mm	2.8mm	R	101S-1812	101S-2212	102S-1812	102S-2212
							L	101S-1822	101S-2222	102S-1822	102S-2222
	Cuspids	without hook	0°	11°	2.8mm	3.2mm	R	101S-1813	101S-2213	102S-1813	102S-2213
							L	101S-1823	101S-2223	102S-1823	102S-2223
		with hook	0°	11°	2.8mm	3.2mm	R	101S-1813H	101S-2213H	102S-1813H	102S-2213H
							L	101S-1823H	101S-2223H	102S-1823H	102S-2223H
	Bicuspid	without hook	-7°	0°	2.8mm	2.9mm	R	101S-1815	101S-2215	102S-1815	102S-2215
							L	101S-1825	101S-2225	102S-1825	102S-2225
		with hook	-7°	0°	2.8mm	2.9mm	R	101S-1815H	101S-2215H	102S-1815H	102S-2215H
							L	101S-1825H	101S-2225H	102S-1825H	102S-2225H
MANDIBULAR	Lower Anteriors	/	0°	0°	2.3mm	2.4mm	/	101S-1841	101S-2241	102S-1841	102S-2241
	Cuspids	without hook	-11°	5°	2.8mm	2.9mm	R	101S-1843	101S-2243	102S-1843	102S-2243
							L	101S-1833	101S-2233	102S-1833	102S-2233
	with hook	-11°	5°	2.8mm	2.9mm	R	101S-1843H	101S-2243H	102S-1843H	102S-2243H	
						L	101S-1833H	101S-2233H	102S-1833H	102S-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-17°	0°	2.8mm	2.9mm	R	101S-1844	101S-2244	102S-1844	102S-2244
							L	101S-1834	101S-2234	102S-1834	102S-2234
		with hook	-17°	0°	2.8mm	2.9mm	R	101S-1844H	101S-2244H	102S-1844H	102S-2244H
							L	101S-1834H	101S-2234H	102S-1834H	102S-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-22°	0°	2.8mm	2.9mm	R	101S-1845	101S-2245	102S-1845	102S-2245
							L	101S-1835	101S-2235	102S-1835	102S-2235
		with hook	-22°	0°	2.8mm	2.9mm	R	101S-1845H	101S-2245H	102S-1845H	102S-2245H
L							101S-1835H	101S-2235H	102S-1835H	102S-2235H	

### Sandblasted mini ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H101S-18-1	H101S-22-1
with Hooks on 3's	H101S-18-2	H101S-22-2
with Hooks on 3,4,5's	H101S-18-3	H101S-22-3

### Sandblasted standard ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H102S-18-1	H102S-22-1
with Hooks on 3's	H102S-18-2	H102S-22-2
with Hooks on 3,4,5's	H102S-18-3	H102S-22-3



## Brackets

MIM  
Mini / standard  
Sandblasted MBT brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	Mini width	Std. width	Side	Mini		Standard		
							.018"	.022"	.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	3.7mm	R	103S-1811	103S-2211	104S-1811	104S-2211
							L	103S-1821	103S-2221	104S-1821	104S-2221
	Laterals	/	+10°	8°	2.8mm	3.0mm	R	103S-1812	103S-2212	104S-1812	104S-2212
							L	103S-1822	103S-2222	104S-1822	104S-2222
	Cuspids	without hook	0°	8°	2.8mm	3.4mm	R	103S-1813	103S-2213	104S-1813	104S-2213
							L	103S-1823	103S-2223	104S-1823	104S-2223
		with hook	0°	8°	2.8mm	3.4mm	R	103S-1813H	103S-2213H	104S-1813H	104S-2213H
							L	103S-1823H	103S-2223H	104S-1823H	104S-2223H
	Bicuspid	without hook	-7°	0°	2.8mm	3.0mm	R	103S-1815	103S-2215	104S-1815	104S-2215
							L	103S-1825	103S-2225	104S-1825	104S-2225
		with hook	-7°	0°	2.8mm	3.0mm	R	103S-1815H	103S-2215H	104S-1815H	104S-2215H
							L	103S-1825H	103S-2225H	104S-1825H	104S-2225H
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.3mm	2.4mm	/	103S-1841	103S-2241	104S-1841	104S-2241
	Cuspids	without hook	-6°	3°	2.8mm	3.4mm	R	103S-1843	103S-2243	104S-1843	104S-2243
							L	103S-1833	103S-2233	104S-1833	104S-2233
	with hook	-6°	3°	2.8mm	3.4mm	R	103S-1843H	103S-2243H	104S-1843H	104S-2243H	
						L	103S-1833H	103S-2233H	104S-1833H	104S-2233H	
	1 <sup>st</sup> Bicuspid	without hook	-12°	0°	2.8mm	3.2mm	R	103S-1844	103S-2244	104S-1844	104S-2244
							L	103S-1834	103S-2234	104S-1834	104S-2234
		with hook	-12°	0°	2.8mm	3.2mm	R	103S-1844H	103S-2244H	104S-1844H	104S-2244H
							L	103S-1834H	103S-2234H	104S-1834H	104S-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	0°	2.8mm	3.2mm	R	103S-1845	103S-2245	104S-1845	104S-2245
							L	103S-1835	103S-2235	104S-1835	104S-2235
		with hook	-17°	0°	2.8mm	3.2mm	R	103S-1845H	103S-2245H	104S-1845H	104S-2245H
L							103S-1835H	103S-2235H	104S-1835H	104S-2235H	

### Sandblasted mini MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H103S-18-1	H103S-22-1
with Hooks on 3's	H103S-18-2	H103S-22-2
with Hooks on 3,4,5's	H103S-18-3	H103S-22-3

### Sandblasted standard MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H104S-18-1	H104S-22-1
with Hooks on 3's	H104S-18-2	H104S-22-2
with Hooks on 3,4,5's	H104S-18-3	H104S-22-3





## Brackets

### Superior MIM monoblock MBT brackets 0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	R	122-1811	122-2211
						L	122-1821	122-2221
	Laterals	/	+10°	8°	2.8mm	R	122-1812	122-2212
						L	122-1822	122-2222
	Cuspids	without hook	0°	8°	2.8mm	R	122-1813	122-2213
						L	122-1823	122-2223
		with hook	0°	8°	2.8mm	R	122-1813H	122-2213H
						L	122-1823H	122-2223H
	Bicuspids	without hook	-7°	0°	2.8mm	R	122-1815	122-2215
						L	122-1825	122-2225
		with hook	-7°	0°	2.8mm	R	122-1815H	122-2215H
						L	122-1825H	122-2225H
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.3mm	/	122-1841	122-2241
	Cuspids	without hook	-6°	3°	2.8mm	R	122-1843	122-2243
						L	122-1833	122-2233
		with hook	-6°	3°	2.8mm	R	122-1843H	122-2243H
						L	122-1833H	122-2233H
	1 <sup>st</sup> Bicuspids	without hook	-12°	0°	2.8mm	R	122-1844	122-2244
						L	122-1834	122-2234
		with hook	-12°	0°	2.8mm	R	122-1844H	122-2244H
						L	122-1834H	122-2234H
	2 <sup>nd</sup> Bicuspids	without hook	-17°	0°	2.8mm	R	122-1845	122-2245
						L	122-1835	122-2235
		with hook	-17°	0°	2.8mm	R	122-1845H	122-2245H
L						122-1835H	122-2235H	

### Superior monoblock mini MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H122-18-1	H122-22-1
with Hooks on 3's	H122-18-2	H122-22-2
with Hooks on 3,4,5's	H122-18-3	H122-22-3



## Brackets

### Mini Vertical slot ROTH/MBT brackets 0.018"/0.022"



#### Mini vertical slot ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	—	H113-22-1
with Hooks on 3's	—	H113-22-2
with Hooks on 3,4,5's	—	H113-22-3

#### Mini vertical slot MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	—	H114-22-1
with Hooks on 3's	—	H114-22-2
with Hooks on 3,4,5's	—	H114-22-3

### Dazzle Series ROTH brackets 0.022"



#### Dazzle Series ROTH brackets

Description / 5-5,20pcs	Item NO.
	.022"
without Hooks	H190-22-1
with Hooks on 3's	H190-22-2
with Hooks on 3,4,5's	H190-22-3





# Brackets

## Lingual brackets 0.018"/0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	without hook	-30°	0°	2.6mm	R	115-1811	115-2211
						L	115-1821	115-2221
		with hook	-30°	0°	2.6mm	R	115-1811H	115-2211H
						L	115-1821H	115-2221H
	Laterals	without hook	-30°	0°	2.6mm	R	115-1812	115-2212
						L	115-1822	115-2222
		with hook	-30°	0°	2.6mm	R	115-1812H	115-2212H
						L	115-1822H	115-2222H
	Cuspids	without hook	-30°	0°	2.6mm	R	115-1813	115-2213
						L	115-1823	115-2223
		with hook	-30°	0°	2.6mm	R	115-1813H	115-2213H
						L	115-1823H	115-2223H
1 <sup>st</sup> Bicuspid	/	-17°	0°	2.0mm	R	115-1814	115-2214	
					L	115-1824	115-2224	
2 <sup>nd</sup> Bicuspid	/	-7°	0°	2.0mm	R	115-1815	115-2215	
					L	115-1825	115-2225	
MANDIBULAR	Centrals	without hook	-40°	0°	2.0mm	R	115-1841	115-2241
						L	115-1831	115-2231
		with hook	-40°	0°	2.0mm	R	115-1841H	115-2241H
						L	115-1831H	115-2231H
	Laterals	without hook	-40°	0°	2.0mm	R	115-1842	115-2242
						L	115-1832	115-2232
		with hook	-40°	0°	2.0mm	R	115-1842H	115-2242H
						L	115-1832H	115-2232H
	Cuspids	without hook	-40°	0°	2.0mm	R	115-1843	115-2243
						L	115-1833	115-2233
		with hook	-40°	0°	2.0mm	R	115-1843H	115-2243H
						L	115-1833H	115-2233H
1 <sup>st</sup> Bicuspid	/	-17°	0°	2.0mm	R	115-1844	115-2244	
					L	115-1834	115-2234	
2 <sup>nd</sup> Bicuspid	/	-17°	0°	2.0mm	R	115-1845	115-2245	
					L	115-1835	115-2235	



### 1D Lingual brackets

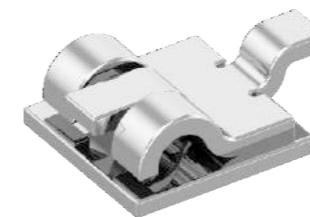
Description / 7-7,28pcs	Item NO.	
	.018"	.022"
with Hooks	H115-18-3	H115-22-3



# Brackets

## 2D Lingual brackets 0.018"/0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	without hook	0°	0°	2.6mm	R	2115-1811	2115-2211
						L	2115-1821	2115-2221
		with hook	0°	0°	2.6mm	R	2115-1811H	2115-2211H
						L	2115-1821H	2115-2221H
	Laterals	without hook	0°	0°	2.6mm	R	2115-1812	2115-2212
						L	2115-1822	2115-2222
		with hook	0°	0°	2.6mm	R	2115-1812H	2115-2212H
						L	2115-1822H	2115-2222H
	Cuspids	without hook	0°	0°	2.6mm	R	2115-1813	2115-2213
						L	2115-1823	2115-2223
		with hook	0°	0°	2.6mm	R	2115-1813H	2115-2213H
						L	2115-1823H	2115-2223H
1 <sup>st</sup> Bicuspid	/	0°	0°	2.6mm	R	2115-1814	2115-2214	
					L	2115-1824	2115-2224	
2 <sup>nd</sup> Bicuspid	/	0°	0°	2.6mm	R	2115-1815	2115-2215	
					L	2115-1825	2115-2225	
MANDIBULAR	Centrals	without hook	0°	0°	2.6mm	R	2115-1841	2115-2241
						L	2115-1831	2115-2231
		with hook	0°	0°	2.6mm	R	2115-1841H	2115-2241H
						L	2115-1831H	2115-2231H
	Laterals	without hook	0°	0°	2.6mm	R	2115-1842	2115-2242
						L	2115-1832	2115-2232
		with hook	0°	0°	2.6mm	R	2115-1842H	2115-2242H
						L	2115-1832H	2115-2232H
	Cuspids	without hook	0°	0°	2.6mm	R	2115-1843	2115-2243
						L	2115-1833	2115-2233
		with hook	0°	0°	2.6mm	R	2115-1843H	2115-2243H
						L	2115-1833H	2115-2233H
1 <sup>st</sup> Bicuspid	/	0°	0°	2.6mm	R	2115-1844	2115-2244	
					L	2115-1834	2115-2234	
2 <sup>nd</sup> Bicuspid	/	0°	0°	2.6mm	R	2115-1845	2115-2245	
					L	2115-1835	2115-2235	



### 2D Lingual brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
without Hooks	H2115-18-1	H2115-22-1
with Hooks on 1,2,3,4,5's	H2115-18-3	H2115-22-3



# Brackets

## N2D Lingual brackets 0.018"/0.022"

Brackets	Description	Torque	Ang.	width	Side	Slot	
						.018"	.022"
MAXILLARY	Centrals	without hook	0°	2.6mm	R	N2115-1811	N2115-2211
					L	N2115-1821	N2115-2221
		with hook	0°	2.6mm	R	N2115-1811H	N2115-2211H
					L	N2115-1821H	N2115-2221H
	Laterals	without hook	0°	2.6mm	R	N2115-1812	N2115-2212
					L	N2115-1822	N2115-2222
		with hook	0°	2.6mm	R	N2115-1812H	N2115-2212H
					L	N2115-1822H	N2115-2222H
	Cuspids	without hook	0°	2.6mm	R	N2115-1813	N2115-2213
					L	N2115-1823	N2115-2223
		with hook	0°	2.6mm	R	N2115-1813H	N2115-2213H
					L	N2115-1823H	N2115-2223H
1 <sup>st</sup> Bicuspid	/	0°	2.6mm	R	N2115-1814	N2115-2214	
				L	N2115-1824	N2115-2224	
2 <sup>nd</sup> Bicuspid	/	0°	2.6mm	R	N2115-1815	N2115-2215	
				L	N2115-1825	N2115-2225	
MANDIBULAR	Centrals	without hook	0°	2.6mm	R	N2115-1841	N2115-2241
					L	N2115-1831	N2115-2231
		with hook	0°	2.6mm	R	N2115-1841H	N2115-2241H
					L	N2115-1831H	N2115-2231H
	Laterals	without hook	0°	2.6mm	R	N2115-1842	N2115-2242
					L	N2115-1832	N2115-2232
		with hook	0°	2.6mm	R	N2115-1842H	N2115-2242H
					L	N2115-1832H	N2115-2232H
	Cuspids	without hook	0°	2.6mm	R	N2115-1843	N2115-2243
					L	N2115-1833	N2115-2233
		with hook	0°	2.6mm	R	N2115-1843H	N2115-2243H
					L	N2115-1833H	N2115-2233H
1 <sup>st</sup> Bicuspid	/	0°	2.6mm	R	N2115-1844	N2115-2244	
				L	N2115-1834	N2115-2234	
2 <sup>nd</sup> Bicuspid	/	0°	2.6mm	R	N2115-1845	N2115-2245	
				L	N2115-1835	N2115-2235	



### N2D Lingual brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
with Hooks on 1,2,3,4,5's	HN2115-18-1	HN2115-22-1



# Brackets

## First molar bondable brackets 0.018"/0.022"

Brackets	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Roth	without hook	-9°	4.2mm	R	116-1816	116-2216
					L	116-1826	116-2226
		with hook	-9°	4.2mm	R	116-1816H	116-2216H
					L	116-1826H	116-2226H
	MBT	without hook	-14°	4.2mm	R	117-1816	117-2216
					L	117-1826	117-2226
		with hook	-14°	4.2mm	R	117-1816H	117-2226H
					L	117-1826H	117-2226H
	Edgewise	without hook	0°	4.2mm	R	118-1816	118-2216
					L	118-1826	118-2226
		with hook	0°	4.2mm	R	118-1816H	118-2216H
					L	118-1826H	118-2226H
MANDIBULAR	Roth	without hook	-30°	4.2mm	R	116-1846	116-2246
					L	116-1836	116-2236
		with hook	-30°	4.2mm	R	116-1846H	116-2246H
					L	116-1836H	116-2236H
	MBT	without hook	-2°	4.2mm	R	117-1846	117-2246
					L	117-1836	117-2236
		with hook	-20°	4.2mm	R	117-1846H	117-2246H
					L	117-1836H	117-2236H
	Edgewise	without hook	0°	4.2mm	R	118-1846	118-2246
					L	118-1836	118-2236
		with hook	0°	4.2mm	R	118-1846H	118-2246H
					L	118-1836H	118-2236H

### First molar bondable ROTH brackets

Description /1-1,4pcs	Item NO.	
	.018"	.022"
with Hooks	H116-18-1	H116-22-1
without Hooks	H116-18-2	H116-22-2

### First molar bondable MBT brackets

Description /1-1,4pcs	Item NO.	
	.018"	.022"
with Hooks	H117-18-1	H117-22-1
without Hooks	H117-18-2	H117-22-2

### First molar bondable edgewise brackets

Description /1-1,4pcs	Item NO.	
	.018"	.022"
with Hooks	H118-18-1	H118-22-1
without Hooks	H118-18-2	H118-22-2





The vertical slot of bracket ligature wing adopts the concave design.



This new innovative design can cause point contact between orthodontic archwire and bracket, and no contact with the concave bottom, it reduce the friction a lot. And the patients will feel better comfortable than normal brackets. Also this bracket still keep the rectangular slot, when the rectangular archwire put in the slot, the third order bend will be displayed.



The design of vertical holes at the basal part of the brackets .

There is only one vertical hole in each four lower incisors and two vertical holes for rest eight ones. These holes can insert the orthodontic accessories to cure different patients.



- 1.Uprighting spring, can correct crown angulations;
- 2.Rotating spring, can correct the torsion;
- 3.Other orthodontic accessories as ligature wire or fixed auxiliary archwire.

## Patent Products



New patent  
Light-force low friction ROTH brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	R	181-1811	181-2211
						L	181-1821	181-2221
	Laterals	/	+8°	9°	2.8mm	R	181-1812	181-2212
						L	181-1822	181-2222
	Cuspids	without hook	0°	11°	2.8mm	R	181-1813	181-2213
						L	181-1823	181-2223
		with hook	0°	11°	2.8mm	R	181-1813H	181-2213H
						L	181-1823H	181-2223H
	Bicuspids	without hook	-7°	0°	2.8mm	R	181-1815	181-2215
						L	181-1825	181-2225
with hook		-7°	0°	2.8mm	R	181-1815H	181-2215H	
					L	181-1825H	181-2225H	
MANDIBULAR	Lower Anteriors	/	-1°	0°	2.3mm	/	181-1841	181-2241
	Cuspids	without hook	-11°	5°	2.8mm	R	181-1843	181-2243
						L	181-1833	181-2233
	1 <sup>st</sup> Bicuspids	without hook	-17°	0°	2.8mm	R	181-1844	181-2244
						L	181-1834	181-2234
		with hook	-17°	0°	2.8mm	R	181-1844H	181-2244H
						L	181-1834H	181-2234H
	2 <sup>nd</sup> Bicuspids	without hook	-22°	0°	2.8mm	R	181-1845	181-2245
						L	181-1835	181-2235
		with hook	-22°	0°	2.8mm	R	181-1845H	181-2245H
L						181-1835H	181-2235H	

### New Patent ROTH brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
without Hooks	H181-18-1	H181-22-1
with Hooks on 3's	H181-18-2	H181-22-2
with Hooks on 3,4,5's	H181-18-3	H181-22-3





## Patent Products

New patent  
Light-force low friction MBT brackets  
0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	R	182-1811	182-2211
						L	182-1821	182-2221
	Laterals	/	+10°	8°	2.8mm	R	182-1812	182-2212
						L	182-1822	182-2222
	Cuspids	without hook	0°	8°	2.8mm	R	182-1813	182-2213
						L	182-1823	182-2223
		with hook	0°	8°	2.8mm	R	182-1813H	182-2213H
						L	182-1823H	182-2223H
	Bicuspids	without hook	-7°	0°	2.8mm	R	182-1815	182-2215
						L	182-1825	182-2225
	with hook	-7°	0°	2.8mm	R	182-1815H	182-2215H	
					L	182-1825H	182-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.3mm	/	182-1841	182-2241
	Cuspids	without hook	-6°	3°	2.8mm	R	182-1843	182-2243
						L	182-1833	182-2233
		with hook	-6°	3°	2.8mm	R	182-1843H	182-2243H
						L	182-1833H	182-2233H
	1 <sup>st</sup> Bicuspids	without hook	-12°	0°	2.8mm	R	182-1844	182-2244
						L	182-1834	182-2234
		with hook	-12°	0°	2.8mm	R	182-1844H	182-2244H
						L	182-1834H	182-2234H
	2 <sup>nd</sup> Bicuspids	without hook	-17°	0°	2.8mm	R	182-1845	182-2245
					L	182-1835	182-2235	
	with hook	-17°	0°	2.8mm	R	182-1845H	182-2245H	
					L	182-1835H	182-2235H	

### New Patent MBT brackets

Description / 7-7,28pcs	Item NO.	
	.018"	.022"
without Hooks	H182-18-1	H182-22-1
with Hooks on 3's	H182-18-2	H182-22-2
with Hooks on 3,4,5's	H182-18-3	H182-22-3

## Patent Products

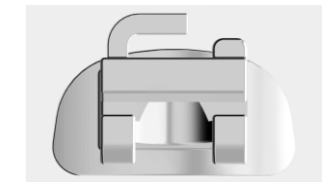
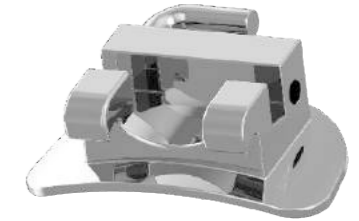


### 2D First molar bondable brackets 0.018"/0.022"

The suited First Molar brackets upgrade to second generation First Molar brackets

The structure of the second generation bracket gum side is buccal tube, in order to put the auxiliary arch of anterior teeth intrusion. It provides an advantageous method for deep overbite and anterior crossbite orthodontics.

Due to the First Molar changing to Molar bracket, it is easy to change and adjust the wire. And it can avoid the situation of archwire should go though the First Molar buccal and Second Molar buccal continuously, and the passive status of excessive resistance from the archwire changing.



Brackets	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Roth	without hook	-9°	0°	4.2mm	R	2116-1816	2116-2216
						L	2116-1826	2116-2226
	MBT	with hook	-9°	0°	4.2mm	R	2116-1816H	2116-2216H
						L	2116-1826H	2116-2226H
	Roth	without hook	-14°	0°	4.2mm	R	2117-1816	2117-2216
						L	2117-1826	2117-2226
	MBT	with hook	-14°	0°	4.2mm	R	2117-1816H	2117-2226H
						L	2117-1826H	2117-2226H

Brackets	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MANDIBULAR	Roth	without hook	-30°	0°	4.2mm	R	2116-1846	2116-2246
						L	2116-1836	2116-2236
	MBT	with hook	-30°	0°	4.2mm	R	2116-1846H	2116-2246H
						L	2116-1836H	2116-2236H
	Roth	without hook	-20°	0°	4.2mm	R	2117-1846	2117-2246
						L	2117-1836	2117-2236
	MBT	with hook	-20°	0°	4.2mm	R	2117-1846H	2117-2246H
						L	2117-1836H	2117-2236H

### 2D First molar bondable ROTH brackets 2D First molar bondable MBT brackets

Description / 1-1,4pcs	Item NO.		Description / 1-1,4pcs	Item NO.	
	.018"	.022"		.018"	.022"
with Hooks	H2116-18-1	H2116-22-1	with Hooks	H2117-18-1	H2117-22-1
without Hooks	H2116-18-2	H2116-22-2	without Hooks	H2117-18-2	H2117-22-2





# Patent products

P

## Molar Propeller

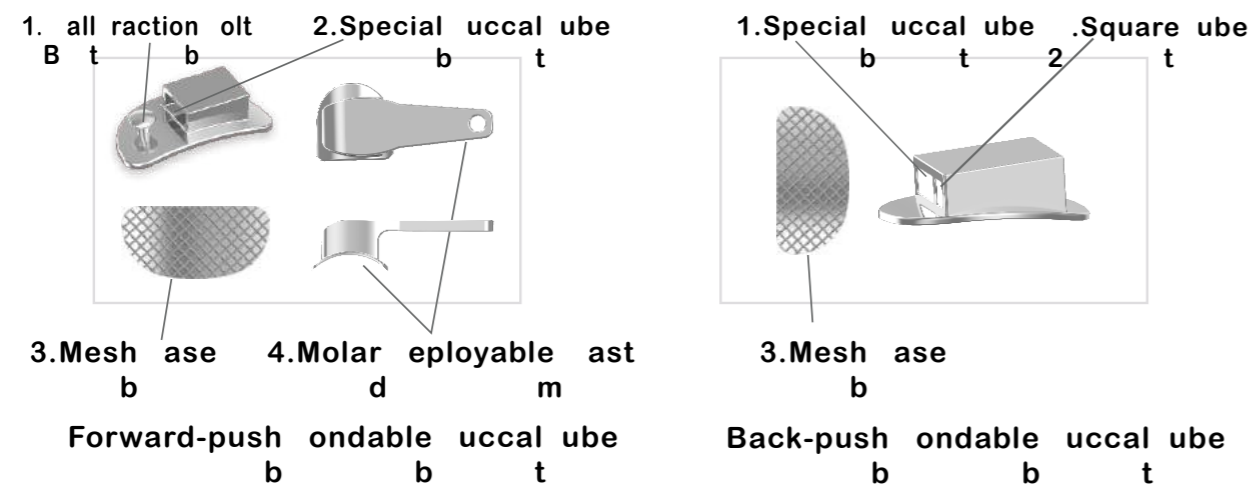
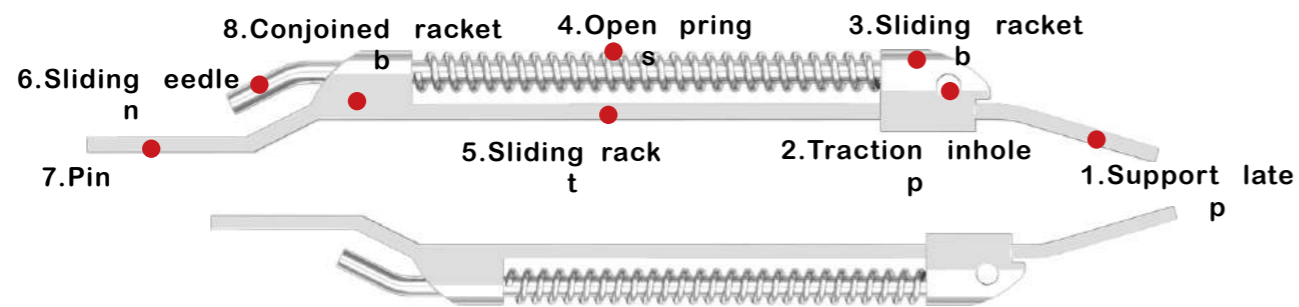
PATENT NO.: 201420650167.8

Forward-push uccal ube f he olar ropeller

PATENT NO.: 2014204517830

Back-push uccal ube f he olar ropeller

PATENT NO.: 2014204499495



Forward-push uccal ube f he olar ropeller Back-push uccal ube f he olar ropeller

Description	Item O.	Description	Item O.
Molar ropeller	2pcs	Molar ropeller	2pcs
Forward-push uccal ube	4pcs	Back-push uccal ube	2pcs
H188-1		H188-2	

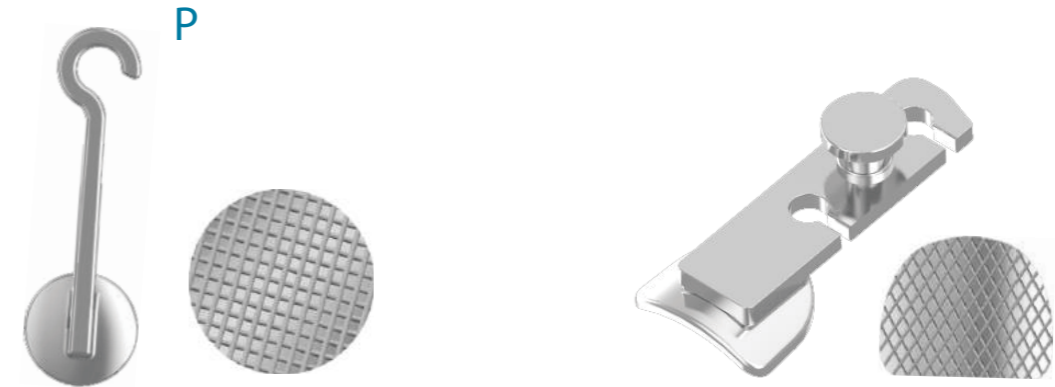


# Patent products

P

## Bondable power hook

PATENT NO.: 201921100552.4



Bondable reaction over hook

Multi-functional ondable power hook

## Multi-functional ondable over hook

Mesh base, the front has upper and lower traction slots, a Ball traction bolt in the middle of the slot. Orthodontists can use different height hooks to pull the elastic according to the correction of dental cases. The uppermost slot can moved root by the elastic, The middle Ball traction bolt could the parallel movement of the teeth, the slot at the bottom can moved crown. Suitable for: adduction of maxillary anterior teeth, closure of space, correction of lack angle, parallel movement of maxillary anterior teeth, etc.

Case1



Case2



## Multi-functional ondable over hook

Description(10pcs/pk)	Item O.
Multi-functional ondable over hook	H183-1

## Bondable reaction over hook

Description(4pcs/pk)	Item O.
Bondable reaction over hook	H184-1



## Patent Products

### First Molar Paraller Movement Buccal Tube

PATENT NO.:201921100552.4



1. When 6 # molar is missing and 7 # molar need to be parallel moved near the mesial to close the space and 7#molar crowns and roots are erect, use the micro screw and molar parallel movement buccal tube (chain or close spring) to close the space.

2. When 6# molar is missing, 7# molar is mesial inclination, When the crown was basically upright by archwire ,Use the molar parallel movement buccal tube to make the root move more than the crown, so that the 7#,molar is vertical while approaching the mesial, and close the space.

3. When the crown of the 7# molar is in place but the root is still in distal, In addition to the method of bonding the 7# buccal tube in the mesial direction toward the gingival, Use the molar parallel movement buccal tube and the conventional traction wire to pull (chain or close spring) can moved 7# molar root by the elastic.

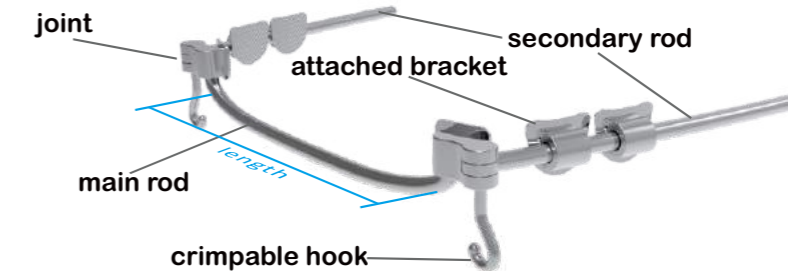
4. The three hooks are combined with the elastic traction force: according to the influence of the tooth impedance center, the hook (close root) can moved root, the middle hook could the parallel movement of the teeth, the hook (close crown) can tilt moves.

#### First Molar Parallel Movement Buccal Tube

Description(4pcs/pk)	Item NO.
First Molar Parallel Movement Buccal Tube	H189-1



1. The device consists of a main rod, two secondary rods, joints connecting the main rod to the secondary rod and crimpable hooks. where it states main rod is in the shape of a dental arch and made of round stainless steel wire. At the left and right ends of the main rod is designed crimpable hooks, and each shank of the hook has a secondary rod through the joint respectively, and each secondary rod is designed with 2-3 attachment brackets each. Wherein said main rod is in the shape of a dental arch and made of round stainless steel wire. At the left and right ends of the main rod is designed crimpable hooks, and each shank of the hook has a secondary rod through the joint respectively, and each secondary rod is designed with 2-3 attachment brackets each.



2. The main rod is prefabricated from 1.2mm round stainless steel wire, whose arc shape is consistent with the arc shape of the dental arch of the anterior segment of the mandibular anterior teeth and the middle segment of the mandibular teeth in the human oral cavity, forming an arch-like filament form.



3. The crimpable hooks are bent from the two ends of the main rod, located on both sides of the dental bed of the mandibular cuspid labial cervical, the ones are perpendicular to the main rod, its length is 5-10mm, the diameter of the crimpable hook is 1-2mm, the direction of hook opening are facing the midpoint of the main rod, the crimpable hooks and the rod are integrated.



4. The joint is a hinged structure, one end is attached to the hook shank of the crimpable hook at the end of the main rod, and the other end is fixed to one end of the secondary bar, and the secondary bar can be rotated by the joint; there is also an attached bracket fixed on one side of the joint.



5. The attached bracket, two movable tubular attachments, is attached to the secondary rod by the movable tube, and can be freely adjusted in position.

#### Mandibular arch expansion device(length)

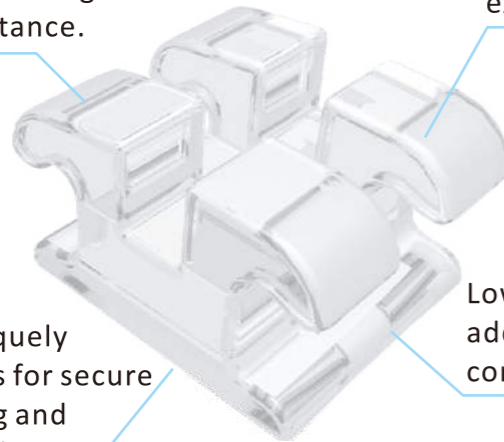
Description(1pcs/pk)	Item NO.
Long(35mm)	H517-1
Middle(33mm)	H517-2
Short(30mm)	H517-3



# SAPPHIRE CERAMIC BRACKETS

Advanced ceramic material for smoother surfaces, superior strength and fracture resistance.

Smooth rounded edges providing exceptional patient comfort



Mesh base with uniquely designed undercuts for secure and reliable bonding and trouble-free debonding.

Low profile design for added patient comfort.



**Comfortable feeling**  
Rounded edge bracket  
Low profile



**Excellent sliding**  
Excellent performance like metal bracket



**Easy bonding/debonding**  
Dfm(double fusing method)  
Low node strength  
Unique heat-treatment



**Clearness**  
Monocrystalline sapphire  
Transparent bracket  
Outstanding aesthetic feature  
Good balance with any colors of teeth



## Sapphire ceramic ROTH brackets 0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	R	131-1811	131-2211
						L	131-1821	131-2221
	Laterals	/	+8°	9°	2.95mm	R	131-1812	131-2212
						L	131-1822	131-2222
	Cuspids	without hook	0°	8°	3.2mm	R	131-1813	131-2213
						L	131-1823	131-2223
		with hook	0°	8°	3.2mm	R	131-1813H	131-2213H
						L	131-1823H	131-2223H
	Bicuspids	without hook	-7°	0°	3.2mm	R	131-1815	131-2215
						L	131-1825	131-2225
MANDIBULAR	Lower Anteriors	/	0°	0°	2.85mm	/	131-1841	131-2241
	Cuspids	without hook	-11°	7°	3.5mm	R	131-1843	131-2243
						L	131-1833	131-2233
		with hook	-11°	7°	3.5mm	R	131-1843H	131-2243H
						L	131-1833H	131-2233H
	1 <sup>st</sup> Bicuspids	without hook	-17°	3°	3.2mm	R	131-1844	131-2244
						L	131-1834	131-2234
		with hook	-17°	3°	3.2mm	R	131-1844H	131-2244H
						L	131-1834H	131-2234H
2 <sup>nd</sup> Bicuspids	without hook	-22°	6°	3.2mm	R	131-1845	131-2245	
					L	131-1835	131-2235	
	with hook	-22°	6°	3.2mm	R	131-1845H	131-2245H	
					L	131-1835H	131-2235H	

### Sapphire ceramic ROTH brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H131-18-1	H131-22-1
with Hooks on 3's	H131-18-2	H131-22-2
with Hooks on 3,4, 5's	H131-18-3	H131-22-3





## Brackets

### Sapphire ceramic MBT brackets 0.018"/0.022"



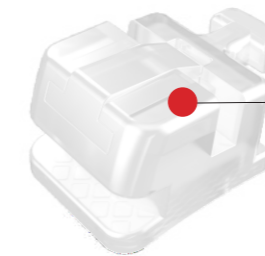
Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	R	132-1811	132-2211
						L	132-1821	132-2221
	Laterals	/	+10°	8°	2.95mm	R	132-1812	132-2212
						L	132-1822	132-2222
	Cuspids	without hook	0°	8°	3.2mm	R	132-1813	132-2213
						L	132-1823	132-2223
		with hook	0°	8°	3.2mm	R	132-1813H	132-2213H
						L	132-1823H	132-2223H
	Bicuspid	without hook	-7°	0°	3.2mm	R	132-1815	132-2215
						L	132-1825	132-2225
with hook		-7°	0°	3.2mm	R	132-1815H	132-2215H	
					L	132-1825H	132-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.85mm	/	132-1841	132-2241
	Cuspids	without hook	0°	3°	3.5mm	R	132-1843	132-2243
						L	132-1833	132-2233
		with hook	0°	3°	3.5mm	R	132-1843H	132-2243H
						L	132-1833H	132-2233H
	1 <sup>st</sup> Bicuspid	without hook	-12°	2°	3.2mm	R	132-1844	132-2244
						L	132-1834	132-2234
		with hook	-12°	2°	3.2mm	R	132-1844H	132-2244H
						L	132-1834H	132-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	2°	3.2mm	R	132-1845	132-2245
					L	132-1835	132-2235	
with hook		-17°	2°	3.2mm	R	132-1845H	132-2245H	
					L	132-1835H	132-2235H	

### Sapphire ceramic MBT brackets

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H132-18-1	H132-22-1
with Hooks on 3's	H132-18-2	H132-22-2
with Hooks on 3,4, 5's	H132-18-3	H132-22-3

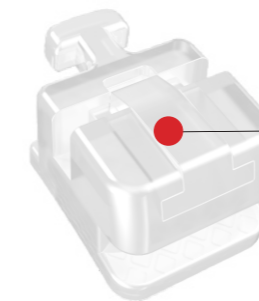
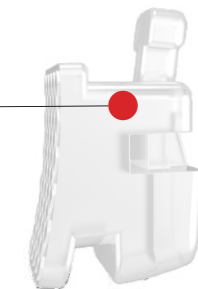
## Ceramic bracket Series

### Ceramic Self-Ligating Bracket



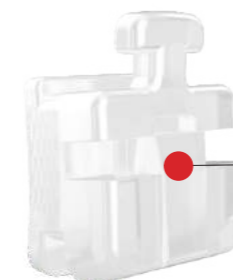
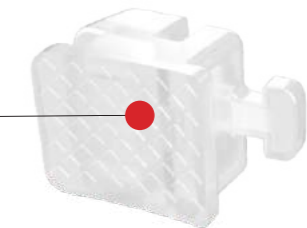
CIM Process for More accurate data

Rounded contours, smooth and pleasant, ultra-Slim design reduces bite interference



Crystal-clear and translucent appearance

Specially processed base, Increase the adhesive strength



Passive sliding **design**, lower friction and convenient for the placement of the wire. **Mandibular 2nd bicuspid** with metal self-ligating bracket.



# Brackets



## Ceramic Self-ligating Roth brackets 0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot	
						.022"	
MAXILLARY	Centrals	/	+17°	4°	3.2mm	R	2133-2211
						L	2133-2221
	Laterals	/	+10°	8°	2.95mm	R	2133-2212
						L	2133-2222
	Cuspids	without hook	0°	8°	3.2mm	R	2133-2213
						L	2133-2223
		with hook	0°	8°	3.2mm	R	2133-2213H
						L	2133-2223H
	Bicuspid	without hook	-7°	0°	3.2mm	R	2133-2215
						L	2133-2225
with hook		-7°	0°	3.2mm	R	2133-2215H	
					L	2133-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.85mm	/	2133-2241
	Cuspids	without hook	0°	3°	3.5mm	R	2133-2243
						L	2133-2233
	1 <sup>st</sup> Bicuspid	without hook	-12°	2°	3.2mm	R	2133-2244
						L	2133-2234
		with hook	-12°	2°	3.2mm	R	2133-2244H
						L	2133-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-17°	2°	3.2mm	R	2133-2245
						L	2133-2235
		with hook	-17°	2°	3.2mm	R	2133-2245H
L						2133-2235H	

### Ceramic Self-ligating ROTH brackets

Description / 5-5,20pcs	Item NO.
	.022"
with Hooks on 3'4'5'	H2133-22-3

# Brackets



## Ceramic Self-ligating MBT brackets 0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot	
						.022"	
MAXILLARY	Centrals	/	+12°	5°	3.2mm	R	2134-2211
						L	2134-2221
	Laterals	/	+8°	9°	2.95mm	R	2134-2212
						L	2134-2222
	Cuspids	without hook	0°	8°	3.2mm	R	2134-2213
						L	2134-2223
		with hook	0°	8°	3.2mm	R	2134-2213H
						L	2134-2223H
	Bicuspid	without hook	-7°	0°	3.2mm	R	2134-2215
						L	2134-2225
with hook		-7°	0°	3.2mm	R	2134-2215H	
					L	2134-2225H	
MANDIBULAR	Lower Anteriors	/	0°	0°	2.85mm	/	2134-2241
	Cuspids	without hook	-11°	7°	3.5mm	R	2134-2243
						L	2134-2233
	1 <sup>st</sup> Bicuspid	without hook	-17°	3°	3.2mm	R	2134-2244
						L	2134-2234
		with hook	-17°	3°	3.2mm	R	2134-2244H
						L	2134-2234H
	2 <sup>nd</sup> Bicuspid	without hook	-22°	6°	3.2mm	R	2134-2245
						L	2134-2235
		with hook	-22°	6°	3.2mm	R	2134-2245H
L						2134-2235H	

### Ceramic Self-ligating MBT brackets

Description / 5-5,20pcs	Item NO.
	.022"
with Hooks on 3'4'5'	H2134-22-3

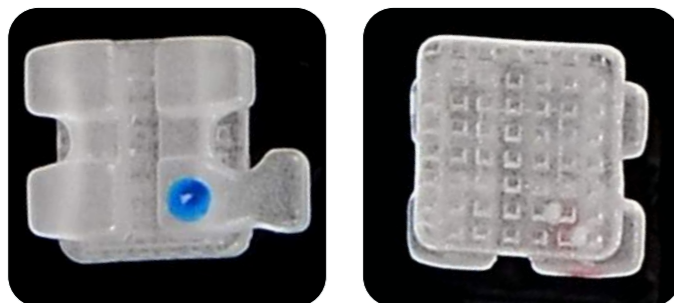


# CERAMIC BRACKETS

Using advanced CIM technology, the specially treated mesh base. Overcomes the shortcomings of the poor adhesion of the traditional ceramic bracket and also enhances the protection of the glazed surface.



- Smooth, flared archwire slot reduces friction and minimises binding and nothcing.
- Generous under tie wing area for easy and secure ligation .
- Mechanical lock base with dove tail grooves for reliobk and consistent bonding/debonding.



- High strength ligature provide safe and reliable, not easy to break.
- Easy ligation and elastic
- Specially treatment mesh base , more easy bondable.



## Ceramic ROTH brackets 0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+12°	5°	3.5mm	R	133-1811	133-2211
						L	133-1821	133-2221
	Laterals	/	+8°	9°	3.3mm	R	133-1812	133-2212
						L	133-1822	133-2222
	Cuspids	without hook	-2°	10°	3.4mm	R	133-1813	133-2213
						L	133-1823	133-2223
		with hook	-2°	10°	3.4mm	R	133-1813H	133-2213H
						L	133-1823H	133-2223H
Bicuspids	without hook	-7°	0°	3.3mm	R	133-1815	133-2215	
					L	133-1825	133-2225	
	with hook	-7°	0°	3.3mm	R	133-1815H	133-2215H	
					L	133-1825H	133-2225H	
MANDIBULAR	Lower Anteriors	/	0°	-1°	2.85mm	/	133-1841	133-2241
	Cuspids	without hook	-11°	7°	3.3mm	R	133-1843	133-2243
						L	133-1833	133-2233
		with hook	-11°	7°	3.3mm	R	133-1843H	133-2243H
						L	133-1833H	133-2233H
	1 <sup>st</sup> Bicuspids	without hook	-17°	0°	3.3mm	R	133-1844	133-2244
						L	133-1834	133-2234
		with hook	-17°	0°	3.3mm	R	133-1844H	133-2244H
						L	133-1834H	133-2234H
	2 <sup>nd</sup> Bicuspids	without hook	-22°	0°	3.3mm	R	133-1845	133-2245
					L	133-1835	133-2235	
with hook		-22°	0°	3.3mm	R	133-1845H	133-2245H	
					L	133-1835H	133-2235H	

### Ceramic ROTH brackets (Groove base)

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H133-18-1	H133-22-1
with Hooks on 3's	H133-18-2	H133-22-2
with Hooks on 3,4, 5's	H133-18-3	H133-22-3

### Ceramic ROTH brackets (Mesh base)

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	HN133-18-1	HN133-22-1
with Hooks on 3's	HN133-18-2	HN133-22-2
with Hooks on 3,4, 5's	HN133-18-3	HN133-22-3

# Brackets



## Ceramic MBT brackets 0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	+17°	4°	3.5mm	R	134-1811	134-2211
						L	134-1821	134-2221
	Laterals	/	+10°	8°	3.3mm	R	134-1812	134-2212
						L	134-1822	134-2222
	Cuspids	without hook	0°	8°	3.4mm	R	134-1813	134-2213
						L	134-1823	134-2223
		with hook	0°	8°	3.4mm	R	134-1813H	134-2213H
						L	134-1823H	134-2223H
	Bicuspids	without hook	-7°	0°	3.3mm	R	134-1815	134-2215
						L	134-1825	134-2225
with hook		-7°	0°	3.3mm	R	134-1815H	134-2215H	
					L	134-1825H	134-2225H	
MANDIBULAR	Lower Anteriors	/	-6°	0°	2.85mm	/	134-1841	134-2241
	Cuspids	without hook	-6°	3°	3.3mm	R	134-1843	134-2243
						L	134-1833	134-2233
	with hook	-6°	3°	3.3mm	R	134-1843H	134-2243H	
					L	134-1833H	134-2233H	
	1 <sup>st</sup> Bicuspids	without hook	-12°	2°	3.3mm	R	134-1844	134-2244
						L	134-1834	134-2234
		with hook	-12°	2°	3.3mm	R	134-1844H	134-2244H
	L					134-1834H	134-2234H	
	2 <sup>nd</sup> Bicuspids	without hook	-17°	2°	3.3mm	R	134-1845	134-2245
L						134-1835	134-2235	
with hook		-17°	2°	3.3mm	R	134-1845H	134-2245H	
					L	134-1835H	134-2235H	

### Ceramic MBT brackets (Groove base)

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H134-18-1	H134-22-1
with Hooks on 3's	H134-18-2	H134-22-2
with Hooks on 3,4, 5's	H134-18-3	H134-22-3

### Ceramic MBT brackets (Mesh base)

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	HN134-18-1	HN134-22-1
with Hooks on 3's	HN134-18-2	HN134-22-2
with Hooks on 3,4, 5's	HN134-18-3	HN134-22-3



# Brackets

## Ceramic edgewise brackets 0.018"/0.022"



Brackets	Description	Torque	Ang.	width	Side	Slot		
						.018"	.022"	
MAXILLARY	Centrals	/	0°	0°	3.5mm	R	135-1811	135-2211
						L	135-1821	135-2221
	Laterals	/	0°	0°	3.3mm	R	135-1812	135-2212
						L	135-1822	135-2222
	Cuspids	without hook	0°	0°	3.4mm	R	135-1813	135-2213
						L	135-1823	135-2223
		with hook	0°	0°	3.4mm	R	135-1813H	135-2213H
						L	135-1823H	135-2223H
	Bicuspids	without hook	0°	0°	3.3mm	R	135-1815	135-2215
						L	135-1825	135-2225
with hook		0°	0°	3.3mm	R	135-1815H	135-2215H	
					L	135-1825H	135-2225H	
MANDIBULAR	Lower Anteriors	/	0°	0°	2.85mm	/	135-1841	135-2241
	Cuspids	without hook	0°	0°	3.3mm	R	135-1843	135-2243
						L	135-1833	135-2233
	with hook	0°	0°	3.3mm	R	135-1843H	135-2243H	
					L	135-1833H	133-2233H	
	1 <sup>st</sup> Bicuspids	without hook	0°	0°	3.3mm	R	135-1844	133-2244
						L	135-1834	133-2234
		with hook	0°	0°	3.3mm	R	135-1844H	133-2244H
	L					135-1834H	133-2234H	
	2 <sup>nd</sup> Bicuspids	without hook	0°	0°	3.3mm	R	135-1845	133-2245
L						135-1835	133-2235	
with hook		0°	0°	3.3mm	R	135-1845H	133-2245H	
					L	133-1835H	133-2235H	

### Ceramic edgewise brackets (Groove base)

Description / 5-5,20pcs	Item NO.	
	.018"	.022"
without Hooks	H135-18-1	H135-22-1
with Hooks on 3's	H135-18-2	H135-22-2
with Hooks on 3,4,5's	H135-18-3	H135-22-3



# ORTHODONTIC BUCCAL TUBES



## Buccal Tube

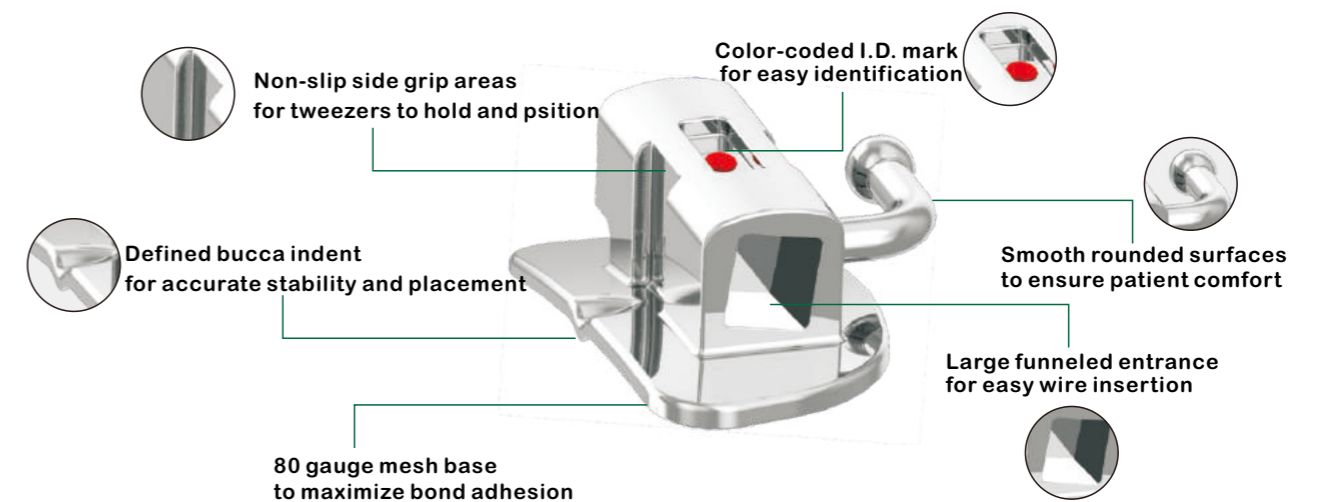
DUE EFFE Buccal tube is manufactured using MIM technology. It's large funneled entrance, side grip areas, and color-coding help simplify treatment by allowing for easier identification, placement, positioning, and wire insertion. Smooth Rounded surfaces ensured patient more comfort.

\* Choose your mesh base  
First molar bondable buccal tube



Available:

- \*\*Roth, MBT and Edgewise prescription.
- \*\*Non-Convertible and Convertible
- \*\*Bondable and Weldable
- \*\*1st molar, 2nd molar and Bicuspids



### Buccal tubes Identification

.018" / .022"



(Color-coding not on Edgewise)

### FDI (World Dental Federation) System

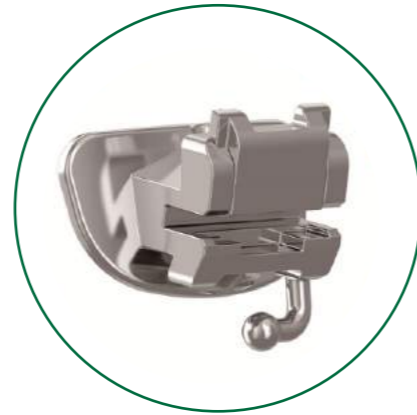
17	16	15	14	13	12	11	21	22	23	24	25	26	27
7	6	5	4	3	2	1	1	2	3	4	5	6	7
7	6	5	4	3	2	1	1	2	3	4	5	6	7
47	46	45	44	43	42	41	31	32	33	34	35	36	37



# Buccal tubes

## First Molar Self-Ligating Buccal

- **MIM Technology**  
The whole new designed using MIM technology with high precision ensures the stability of tube slider. Easy switch between non-convertible and convertible.
- **Accurate Passive Slip Design**  
The new passive design can reduce the friction between the tube and archwire, making orthodontic treatment much more accurate efficient.
- **The All-Inclusive Design**  
Self-ligating way for accurate stability and placement; 80 gauge base to maximize bond adhesion.



open the plate

### First molar self-ligating buccal tube single

System	Teeth	Torque	Offest	Width	.022"	ItemNO.
ROTH	UR6	-9°	7°	3.8mm	H5153R-2216-1	H5153R-22-1
	UL6	-9°	7°	3.8mm	H5153R-2226-1	
	LR6	-30°	7°	3.8mm	H5153R-2236-1	
	LL6	-30°	7°	3.8mm	H5153R-2246-1	
MBT	UR6	-14°	10°	3.8mm	H5153M-2216-1	H5153M-22-1
	UL6	-14°	10°	3.8mm	H5153M-2226-1	
	LR6	-20°	0°	3.8mm	H5153M-2236-1	
	LL6	-20°	0°	3.8mm	H5153M-2246-1	



# Buccal tubes

## Roth\*non-convertible First molar bondable buccal tube

0.018"/0.022"

	ROTH	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-9°	7°	4.2mm	R	201-1816-1	201-2216-1
						L	201-1826-1	201-2226-1
		Double buccal tube	-9°	7°	3.8mm	R	201-1816-2	201-2216-2
						L	201-1826-2	201-2226-2
MANDIBULAR		Single buccal tube	-30°	7°	3.8mm	R	201-1846-1	201-2246-1
						L	201-1836-1	201-2236-1
		Double buccal tube	-30°	7°	3.8mm	R	201-1846-2	201-2246-2
						L	201-1836-2	201-2236-2

## Roth\*non-convertible Second molar bondable buccal tube

0.018"/0.022"

	ROTH	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-9°	6°	3.5mm	R	207-1817-1	207-2217-1
						L	207-1827-1	207-2227-1
MANDIBULAR		Single buccal tube	-30°	6°	3.5mm	R	207-1847-1	207-2247-1
						L	207-1837-1	207-2237-1

### Roth\*non-convertible First molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H201-18-1	H201-22-1
Upper 2,Lower 1	H201-18-2	H201-22-2
Upper 2,Lower 2	H201-18-3	H201-22-3

### Roth\*non-convertible Second molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H207-18-1	H207-22-1



## Buccal tubes

### MBT\*non-convertible First molar bondable buccal tube

0.018"/0.022"

MBT	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	-14°	10°	4.2mm	R	203-1816-1	203-2216-1
					L	203-1826-1	203-2226-1
	Double buccal tube	-14°	10°	3.8mm	R	203-1816-2	203-2216-2
					L	203-1826-2	203-2226-2
MANDIBULAR	Single buccal tube	-20°	0°	3.8mm	R	203-1846-1	203-2246-1
					L	203-1836-1	203-2236-1
	Double buccal tube	-20°	0°	3.8mm	R	203-1846-2	203-2246-2
					L	203-1836-2	203-2236-2

### MBT\*non-convertible Second molar bondable buccal tube

0.018"/0.022"

MBT	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	-14°	6°	3.5mm	R	208-1817-1	208-2217-1
					L	208-1827-1	208-2227-1
MANDIBULAR	Single buccal tube	-10°	0°	3.5mm	R	208-1847-1	208-2247-1
					L	208-1837-1	208-2237-1

#### MBT\*non-convertible First molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H203-18-1	H203-22-1
Upper 2,Lower 1	H203-18-2	H203-22-2
Upper 2,Lower 2	H203-18-3	H203-22-3

#### MBT\*non-convertible Second molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H208-18-1	H208-22-1



## Buccal tubes

### Edgewise\*non-convertible First molar bondable buccal tube

0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	0°	6°	3.8mm	R	205-1816-1	205-2216-1
					L	205-1826-1	205-2226-1
	Double buccal tube	0°	6°	3.8mm	R	205-1816-2	205-2216-2
					L	205-1826-2	205-2226-2
MANDIBULAR	Single buccal tube	0°	6°	3.8mm	R	205-1846-1	205-2246-1
					L	205-1836-1	205-2236-1
	Double buccal tube	0°	6°	3.8mm	R	205-1846-2	205-2246-2
					L	205-1836-2	205-2236-2

### Edgewise\*non-convertible Second molar bondable buccal tube

0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	0°	6°	3.5mm	R	209-1817-1	209-2217-1
					L	209-1827-1	209-2227-1
MANDIBULAR	Single buccal tube	0°	6°	3.5mm	R	209-1847-1	209-2247-1
					L	209-1837-1	209-2237-1

#### Edgewise\*non-convertible First molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H205-18-1	H205-22-1
Upper 2,Lower 1	H205-18-2	H205-22-2
Upper 2,Lower 2	H205-18-3	H205-22-3

#### Edgewise\*non-convertible Second molar bondable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H209-18-1	H209-22-1










## Buccal tubes

### Roth\*convertible First molar bondable buccal tube

0.018"/0.022"

ROTH	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY		Single buccal tube	-9°	7°	3.8mm	R	202-1816-1	202-2216-1
						L	202-1826-1	202-2226-1
		Double buccal tube	-9°	7°	3.8mm	R	202-1816-2	202-2216-2
						L	202-1826-2	202-2226-2
		Triple buccal tube	-9°	7°	3.8mm	R	—	202-2216-3
						L	—	202-2226-3
MANDIBULAR		Single buccal tube	-30°	7°	3.8mm	R	202-1846-1	202-2246-1
						L	202-1836-1	202-2236-1
		Double buccal tube	-30°	7°	3.8mm	R	202-1846-2	202-2246-2
						L	202-1836-2	202-2236-2

### Roth\*convertible First molar bondable buccal tube






Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H202-18-1	H202-22-1
Upper 2,Lower 1	H202-18-2	H202-22-2
Upper 2,Lower 2	H202-18-3	H202-22-3
Upper 3,Lower 2	—	H202-22-4



## Buccal tubes

### MBT\*convertible First molar bondable buccal tube

0.018"/0.022"

MBT	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY		Single buccal tube	-14°	10°	3.8mm	R	204-1816-1	204-2216-1
						L	204-1826-1	204-2226-1
		Double buccal tube	-14°	10°	3.8mm	R	204-1816-2	204-2216-2
						L	204-1826-2	204-2226-2
		Triple buccal tube	-14°	10°	3.8mm	R	—	204-2216-3
						L	—	204-2226-3
MANDIBULAR		Single buccal tube	-20°	0°	3.8mm	R	204-1846-1	204-2246-1
						L	204-1836-1	204-2236-1
		Double buccal tube	-20°	0°	3.8mm	R	204-1846-2	204-2246-2
						L	204-1836-2	204-2236-2

### MBT\*convertible First molar bondable buccal tube






Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H204-18-1	H204-22-1
Upper 2,Lower 1	H204-18-2	H204-22-2
Upper 2,Lower 2	H204-18-3	H204-22-3
Upper 3,Lower 2	—	H204-22-4



## Buccal tubes

### Edgewise\*convertible First molar bondable buccal tube

0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY		Single buccal tube	0°	6°	3.8mm	R	206-1816-1	206-2216-1
						L	206-1826-1	206-2226-1
		Double buccal tube	0°	6°	3.8mm	R	206-1816-2	206-2216-2
						L	206-1826-2	206-2226-2
		Triple buccal tube	0°	6°	3.8mm	R	—	206-2216-3
						L	—	206-2226-3
MANDIBULAR		Single buccal tube	0°	6°	3.8mm	R	206-1846-1	206-2246-1
						L	206-1836-1	206-2236-1
		Double buccal tube	0°	6°	3.8mm	R	206-1846-2	206-2246-2
						L	206-1836-2	206-2236-2

### Edgewise\*convertible First molar bondable buccal tube







Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H206-18-1	H206-22-1
Upper 2,Lower 1	H206-18-2	H206-22-2
Upper 2,Lower 2	H206-18-3	H206-22-3
Upper 3,Lower 2	—	H206-22-4



## Buccal tubes

### Non-convertible Bicuspid bondable buccal tube 4&5#

0.022"

ROTH	Description	Torque	Offest	width	Side	Slot	
						.022"	
MAXILLARY		Single buccal tube	0°	0°	3.5mm	R	210-2214-1
						L	210-2224-1
MANDIBULAR		Single buccal tube	0°	0°	3.5mm	R	210-2244-1
						L	210-2234-1
MBT	Description	Torque	Offest	width	Side	Slot	
MAXILLARY		Single buccal tube	7°	0°	3.5mm	R	211-2214-1
						L	211-2224-1
MANDIBULAR		Single buccal tube	4°	0°	3.5mm	R	211-2244-1
						L	211-2234-1
EDGEWISE	Description	Torque	Offest	width	Side	Slot	
MAXILLARY		Single buccal tube	4°	0°	3.5mm	R	212-2214-1
						L	212-2224-1
MANDIBULAR		Single buccal tube	14°	0°	3.5mm	R	212-2244-1
						L	212-2234-1

### Non-convertible Bicuspid bondable buccal tube 4&5#

Buccal tube	Description /1-1,4pcs	Item NO. .022"
Roth	Upper 1,Lower 1	H210-22-1
MBT	Upper 1,Lower 1	H211-22-1
Edgewise	Upper 1,Lower 1	H212-22-1



## Buccal tubes

### Roth\*non-convertible First molar weldable buccal tube

0.018"/0.022"

	ROTH	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-9°	7°	3.8mm	R	213-1816-1	213-2216-1
						L	213-1826-1	213-2226-1
		Double buccal tube	-9°	7°	3.8mm	R	—	213-2216-2
						L	—	213-2226-2
MANDIBULAR		Single buccal tube	-30°	7°	3.8mm	R	213-1846-1	213-2246-1
						L	213-1836-1	213-2236-1
		Double buccal tube	-30°	7°	3.8mm	R	—	213-2246-2
						L	—	213-2236-2

### Roth\*non-convertible Second molar weldable buccal tube

0.018"/0.022"

	ROTH	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-9°	6°	3.5mm	R	219-1817-1	219-2217-1
						L	219-1827-1	219-2227-1
MANDIBULAR		Single buccal tube	-30°	6°	3.5mm	R	219-1847-1	219-2247-1
						L	219-1837-1	219-2237-1

#### Roth\*non-convertible First molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H213-18-1	H213-22-1
Upper 2,Lower 1	—	H213-22-2
Upper 2,Lower 2	—	H213-22-3

#### Roth\*non-convertible Second molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H219-18-1	H219-22-1



## Buccal tubes

### MBT\*non-convertible First molar weldable buccal tube

0.018"/0.022"

	MBT	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-14°	10°	3.8mm	R	215-1816-1	215-2216-1
						L	215-1826-1	215-2226-1
		Double buccal tube	-14°	10°	3.8mm	R	—	215-2216-2
						L	—	215-2226-2
MANDIBULAR		Single buccal tube	-20°	0°	3.8mm	R	215-1846-1	215-2246-1
						L	215-1836-1	215-2236-1
		Double buccal tube	-20°	0°	3.8mm	R	—	215-2246-2
						L	—	215-2236-2

### MBT\*non-convertible Second molar weldable buccal tube

0.018"/0.022"

	MBT	Description	Torque	Offest	width	Side	Slot	
							.018"	.022"
MAXILLARY		Single buccal tube	-14°	6°	3.5mm	R	220-1817-1	220-2217-1
						L	220-1827-1	220-2227-1
MANDIBULAR		Single buccal tube	-10°	0°	3.5mm	R	220-1847-1	220-2247-1
						L	220-1837-1	220-2237-1

#### MBT\*non-convertible First molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H215-18-1	H215-22-1
Upper 2,Lower 1	—	H215-22-2
Upper 2,Lower 2	—	H215-22-3

#### MBT\*non-convertible Second molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H220-18-1	H220-22-1





## Buccal tubes

### Edgewise\*non-convertible First molar weldable buccal tube

0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	0°	6°	3.8mm	R	217-1816-1	217-2216-1
					L	217-1826-1	217-2226-1
	Double buccal tube	0°	6°	3.8mm	R	—	217-2216-2
					L	—	217-2226-2
MANDIBULAR	Single buccal tube	0°	6°	3.8mm	R	217-1846-1	217-2246-1
					L	217-1836-1	217-2236-1
	Double buccal tube	0°	6°	3.8mm	R	—	217-2246-2
					L	—	217-2236-2

### Edgewise\*non-convertible Second molar weldable buccal tube

0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	0°	6°	3.5mm	R	221-1817-1	221-2217-1
					L	221-1827-1	221-2227-1
MANDIBULAR	Single buccal tube	0°	6°	3.5mm	R	221-1847-1	221-2247-1
					L	221-1837-1	221-2237-1

### Edgewise\*non-convertible First molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H217-18-1	H217-22-1
Upper 2,Lower 1	—	H217-22-2
Upper 2,Lower 2	—	H217-22-3

### Edgewise\*non-convertible Second molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H221-18-1	H221-22-1



## Buccal tubes

### Roth\*convertible First molar weldable buccal tube

0.018"/0.022"

ROTH	Description	Torque	Offest	width	Side	Slot	
						.018"	.022"
MAXILLARY	Single buccal tube	-9°	7°	3.8mm	R	214-1816-1	214-2216-1
					L	214-1826-1	214-2226-1
	Double buccal tube	-9°	7°	3.8mm	R	214-1816-2	214-2216-2
					L	214-1826-2	214-2226-2
	Triple buccal tube	-9°	7°	3.8mm	R	214-1816-3	214-2216-3
					L	214-1826-3	214-2226-3
MANDIBULAR	Single buccal tube	-30°	7°	3.8mm	R	214-1846-1	214-2246-1
					L	214-1836-1	214-2236-1
	Double buccal tube	-30°	7°	3.8mm	R	214-1846-2	214-2246-2
					L	214-1836-2	214-2236-2

### Roth\*convertible First molar weldable buccal tube






Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H214-18-1	H214-22-1
Upper 2,Lower 1	H214-18-2	H214-22-2
Upper 2,Lower 2	H214-18-3	H214-22-3
Upper 3,Lower 2	H214-18-4	H214-22-4



## Buccal tubes

### MBT\*convertible First molar weldable buccal tube

0.018"/0.022"

MBT	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY		Single buccal tube	-14°	10°	3.8mm	R	216-1816-1	216-2216-1
						L	216-1826-1	216-2226-1
		Double buccal tube	-14°	10°	3.8mm	R	216-1816-2	216-2216-2
						L	216-1826-2	216-2226-2
		Triple buccal tube	-14°	10°	3.8mm	R	216-1816-3	216-2216-3
						L	216-1826-3	216-2226-3
MANDIBULAR		Single buccal tube	-20°	0°	3.8mm	R	216-1846-1	216-2246-1
						L	216-1836-1	216-2236-1
		Double buccal tube	-20°	0°	3.8mm	R	216-1846-2	216-2246-2
						L	216-1836-2	216-2236-2

### MBT\*convertible First molar weldable buccal tube






Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H216-18-1	H216-22-1
Upper 2,Lower 1	H216-18-2	H216-22-2
Upper 2,Lower 2	H216-18-3	H216-22-3
Upper 3,Lower 2	H216-18-4	H216-22-4



## Buccal tubes

### Edgewise\*convertible First molar weldable buccal tube

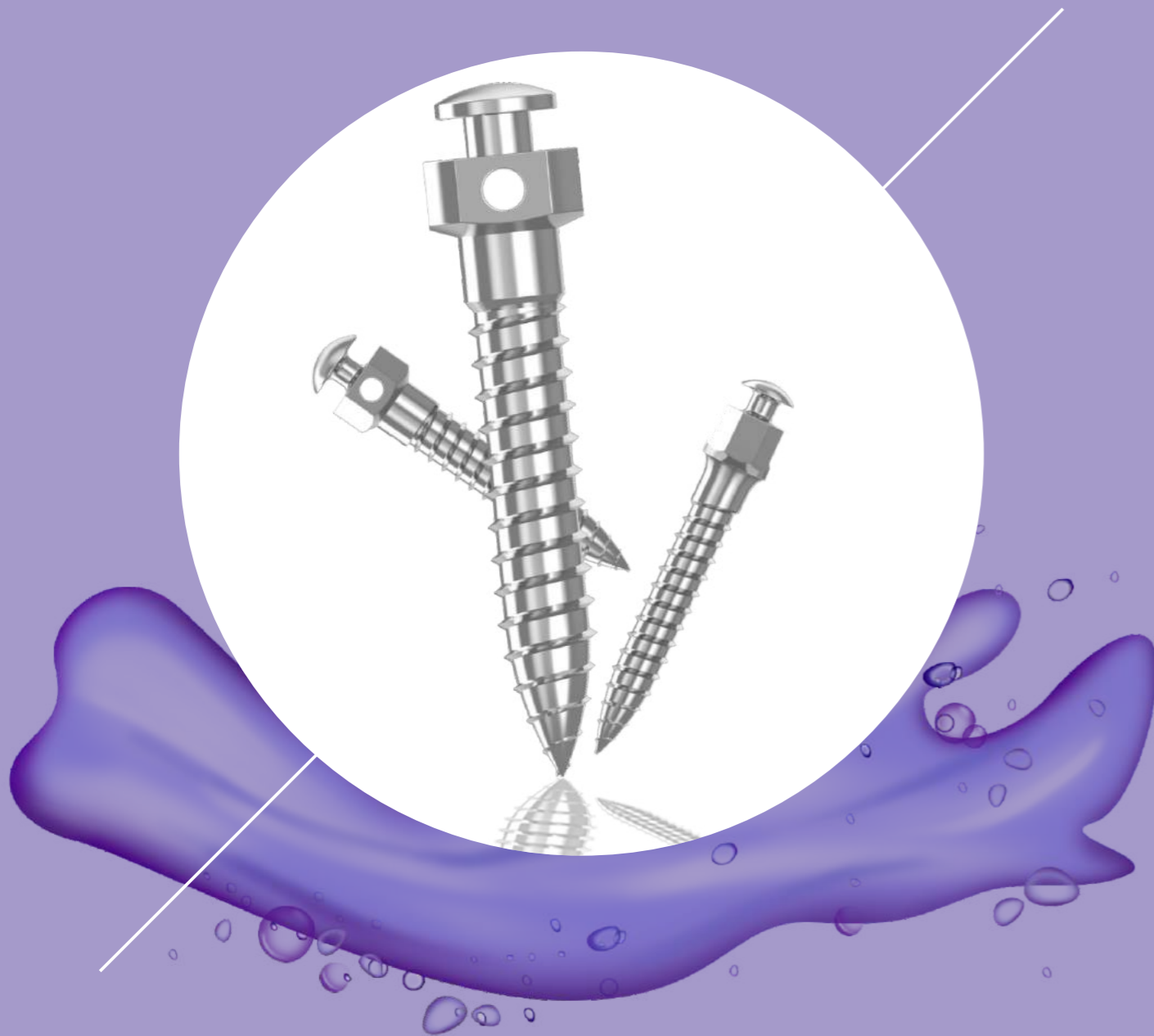
0.018"/0.022"

EDGEWISE	Description	Torque	Offest	width	Side	Slot		
						.018"	.022"	
MAXILLARY		Single buccal tube	0°	6°	3.8mm	R	218-1816-1	218-2216-1
						L	218-1826-1	218-2226-1
		Double buccal tube	0°	6°	3.8mm	R	218-1816-2	218-2216-2
						L	218-1826-2	218-2226-2
		Triple buccal tube	0°	6°	3.8mm	R	218-1816-3	218-2216-3
						L	218-1826-3	218-2226-3
MANDIBULAR		Single buccal tube	0°	6°	3.8mm	R	218-1846-1	218-2246-1
						L	218-1836-1	218-2236-1
		Double buccal tube	0°	6°	3.8mm	R	218-1846-2	218-2246-2
						L	218-1836-2	218-2236-2

### Edgewise\*convertible First molar weldable buccal tube

Description /1-1,4pcs	Item NO.	
	.018"	.022"
Upper 1,Lower 1	H218-18-1	H218-22-1
Upper 2,Lower 1	H218-18-2	H218-22-2
Upper 2,Lower 2	H218-18-3	H218-22-3
Upper 3,Lower 2	H218-18-4	H218-22-4

# ORTHODONTIC MICRO SCREWS



## Micro Screw

**Enlarging-neck**  
More space to hang close spring or power chain.

**No Tip / Self-drilling design**  
Self-drilling , no tip design, improving the efficiency of insertion to avoid any broken tip.

**A hole for orthodontic wire**  
For fixation and traction



**Arc-head & smaller hexagonal head**  
Avoid hurting the soft tissue, shorten the length and height and ground head without rough angle to reduce the feeling of foreign body.


**Smooth Cervical Region**  
Decreasing residue attachment and inflamed reaction

**Reinforcement screw body**  
Providing larger twisting strength

### Titanium alloy series

HW-1.	Description (1pc/pk)	Item NO.
	1.4x6mm	H801-14-6
	1.4x8mm	H801-14-8
	1.4x10mm	H801-14-10
	1.6x8mm	H801-16-8
	1.6x10mm	H801-16-10
	1.6x12mm	H801-16-12
	2.0x8mm	H801-20-8
	2.0x10mm	H801-20-10
	2.0x12mm	H801-20-12

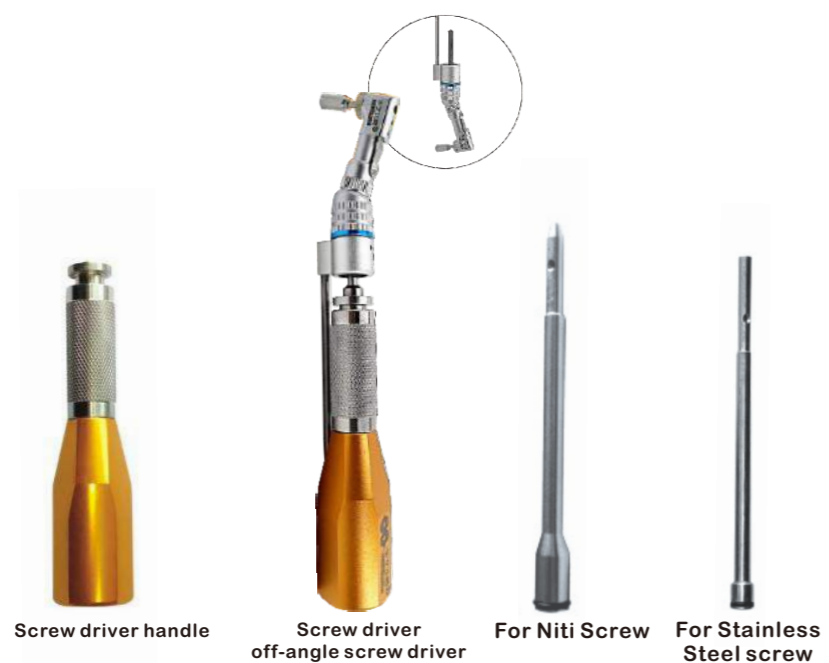
### Stainless steel series

HW-2.	Description (1pc/pk)	Item NO.
	1.5x8mm	H802-15-8
	1.5x10mm	H802-15-10
	1.5x12mm	H802-15-12
	2.0x8mm	H802-20-8
	2.0x10mm	H802-20-10
	2.0x12mm	H802-20-12



# Micro Screw Tools

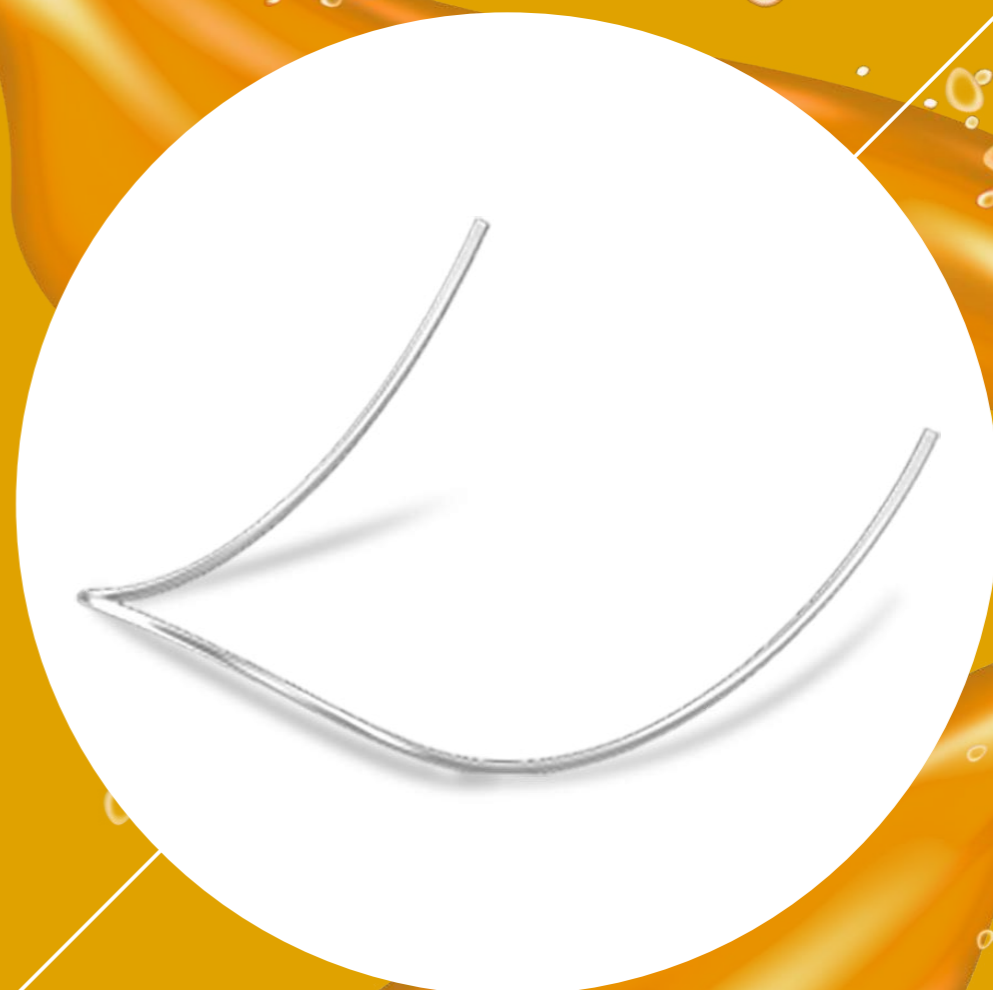
Convenient and Efficient



Screw Driver Handle	Item NO.
 Screw driver handle	H803-1
 Screw driver off-angle screw driver	H805

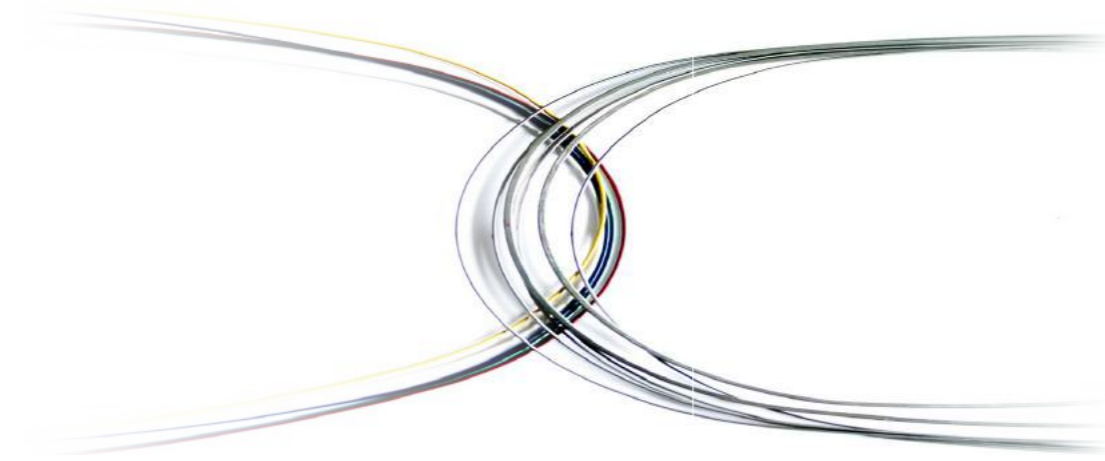
Screwdriver Bit	Item NO.
 For Niti Screw	H804-1
 For Stainless Steel screw	H804-2

# ORTHODONTIC WIRES





# Wires



- 1, Super elasticity-very flexible and easy to engage.
- 2, Superior shape memory-stays active right throughout treatment.
- 3, Low, constant force-for most efficient tooth movement and increased patient comfort.
- 4, Polished finish-low friction.
- 5, Rigorous quality control-every wire performs the same.

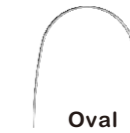
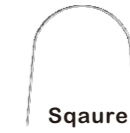
## Archwires



### Niti archwire

#### Round\*\*

Description (10pcs/pk)	Item NO.			
	Sqaure	Oval	Natural	Taper
0.012	H401-1-12	H401-2-12	H401-3-12	H401-4-12
0.014	H401-1-14	H401-2-14	H401-3-14	H401-4-14
0.016	H401-1-16	H401-2-16	H401-3-16	H401-4-16
0.018	H401-1-18	H401-2-18	H401-3-18	H401-4-18
0.020	H401-1-20	H401-2-20	H401-3-20	H401-4-20



#### Rectangular\*\*

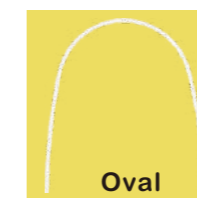
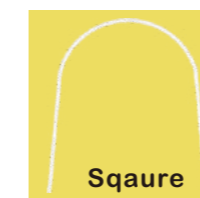
Description (10pcs/pk)	Item NO.			
	Sqaure	Oval	Natural	Taper
0.014x0.025	H402-1-1425	H402-2-1425	H402-3-1425	H402-4-1425
0.016x0.016	H402-1-1616	H402-2-1616	H402-3-1616	H402-4-1616
0.016x0.022	H402-1-1622	H402-2-1622	H402-3-1622	H402-4-1622
0.016x0.025	H402-1-1625	H402-2-1625	H402-3-1625	H402-4-1625
0.017x0.022	H402-1-1722	H402-2-1722	H402-3-1722	H402-4-1722
0.017x0.025	H402-1-1725	H402-2-1725	H402-3-1725	H402-4-1725
0.018x0.022	H402-1-1822	H402-2-1822	H402-3-1822	H402-4-1822
0.018x0.025	H402-1-1825	H402-2-1825	H402-3-1825	H402-4-1825
0.019x0.025	H402-1-1925	H402-2-1925	H402-3-1925	H402-4-1925
0.021x0.025	H402-1-2125	H402-2-2125	H402-3-2125	H402-4-2125



### Nitinol coated archwire

#### Round\*\*

Description (1pcs/pk)	Item NO.	
	Sqaure	Oval
0.012	H420-1-12	H420-2-12
0.014	H420-1-14	H420-2-14
0.016	H420-1-16	H420-2-16
0.018	H420-1-18	H420-2-18
0.020	H420-1-20	H420-2-20



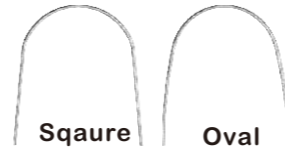
#### Rectangular\*\*

Description (1pcs/pk)	Item NO.	
	Sqaure	Oval
0.016x0.016	H421-1-1616	H421-2-1616
0.016x0.022	H421-1-1622	H421-2-1622
0.016x0.025	H421-1-1625	H421-2-1625
0.017x0.022	H421-1-1722	H421-2-1722
0.017x0.025	H421-1-1725	H421-2-1725
0.018x0.022	H421-1-1822	H421-2-1822
0.018x0.025	H421-1-1825	H421-2-1825
0.019x0.025	H421-1-1925	H421-2-1925



# Archwires

## Thermal niti archwire



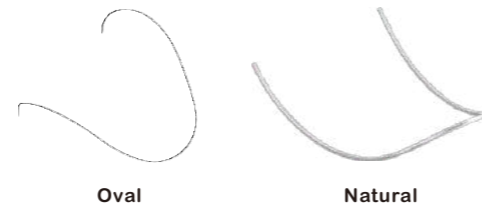
### Round\*\*

Description (5pcs/pk)	Item NO.	
	Sqaure	Oval
0.012	H403-1-12	H403-2-12
0.014	H403-1-14	H403-2-14
0.016	H403-1-16	H403-2-16
0.018	H403-1-18	H403-2-18
0.020	H403-1-20	H403-2-20

### Rectangular\*\*

Description (5pcs/pk)	Item NO.	
	Sqaure	Oval
0.014x0.025	H404-1-1425	H404-2-1425
0.016x0.016	H404-1-1616	H404-2-1616
0.016x0.022	H404-1-1622	H404-2-1622
0.016x0.025	H404-1-1625	H404-2-1625
0.017x0.022	H404-1-1722	H404-2-1722
0.017x0.025	H404-1-1725	H404-2-1725
0.018x0.022	H404-1-1822	H404-2-1822
0.018x0.025	H404-1-1825	H404-2-1825
0.019x0.025	H404-1-1925	H404-2-1925
0.021x0.025	H404-1-2125	H404-2-2125

## Niti reverse curve archwire



### Round\*\*

Description (2pcs/pk)	Item NO.	
	Sqaure	Natural
0.012	H405-1-12	H405-2-12
0.014	H405-1-14	H405-2-14
0.016	H405-1-16	H405-2-16
0.018	H405-1-18	H405-2-18
0.020	H405-1-20	H405-2-20

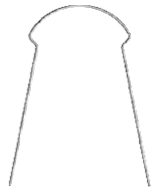
### Rectangular\*\*

Description (2pcs/pk)	Item NO.	
	Oval	Natural
0.014x0.025	H406-1-1425	H406-2-1425
0.016x0.016	H406-1-1616	H406-2-1616
0.016x0.022	H406-1-1622	H406-2-1622
0.017x0.022	H406-1-1722	H406-2-1722
0.017x0.025	H406-1-1725	H406-2-1725
0.018x0.022	H406-1-1822	H406-2-1822
0.018x0.025	H406-1-1825	H406-2-1825
0.019x0.025	H406-1-1925	H406-2-1925
0.021x0.025	H406-1-2125	H406-2-2125



# Archwires

## Lingual niti archwire



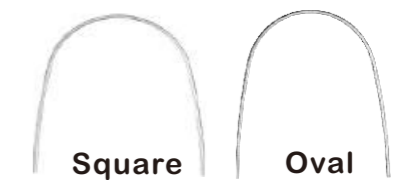
### Round\*\*

Description (10pcs/pk)	Item NO. Square
0.012	H407-1-12
0.014	H407-1-14
0.016	H407-1-16
0.018	H407-1-18
0.020	H407-1-20

### Rectangular\*\*

Description (10pcs/pk)	Item NO. Square
0.016x0.016	H408-1-1616
0.016x0.022	H408-1-1622
0.017x0.022	H408-1-1722
0.017x0.025	H408-1-1725
0.018x0.022	H408-1-1822
0.018x0.025	H408-1-1825
0.019x0.025	H408-1-1925
0.021x0.025	H408-1-2125

## Stainless steel archwire



### Round\*\*

Description (10pcs/pk)	Item NO.	
	Sqaure	Oval
0.012	H409-1-12	H409-2-12
0.014	H409-1-14	H409-2-14
0.016	H409-1-16	H409-2-16
0.018	H409-1-18	H409-2-18
0.020	H409-1-20	H409-2-20

### Rectangular\*\*

Description (10pcs/pk)	Item NO.	
	Sqaure	Oval
0.016x0.016	H410-1-1616	H410-2-1616
0.016x0.022	H410-1-1622	H410-2-1622
0.017x0.022	H410-1-1722	H410-2-1722
0.017x0.025	H410-1-1725	H410-2-1725
0.018x0.022	H410-1-1822	H410-2-1822
0.018x0.025	H410-1-1825	H410-2-1825
0.019x0.025	H410-1-1925	H410-1-1925
0.021x0.025	H410-1-2125	H410-1-2125



# Archwires

## Stainless steel straight wire



### Round\*\*

Description (20pcs/pk)	Item NO.
0.012	H411-1-12
0.014	H411-1-14
0.016	H411-1-16
0.018	H411-1-18
0.020	H411-1-20

### Rectangular\*\*

Description (10pcs/pk)	Item NO.
0.016x0.016	H412-1-1616
0.016x0.022	H412-1-1622
0.017x0.022	H412-1-1722
0.017x0.025	H412-1-1725
0.018x0.022	H412-1-1822
0.018x0.025	H412-1-1825
0.019x0.025	H412-1-1925
0.021x0.025	H412-1-2125

## Australian wire



### Round\*\* Spool

Description (2.5feet/pk)	Item NO.
0.012	H417-1-12
0.014	H417-1-14
0.016	H417-1-16
0.018	H417-1-18
0.020	H417-1-20

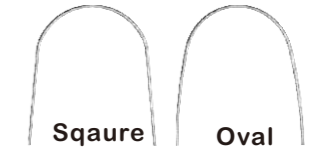
### Round\*\* Straight

Description (30pcs/pk)	Item NO.
0.012	H418-1-12
0.014	H418-1-14
0.016	H418-1-16
0.018	H418-1-18
0.020	H418-1-20



# Archwires

## TMA archwire



### Round\*\*

Description (1pcs/pk)	Item NO.	
	Sqaure	Oval
0.012	H433-1-12	H433-2-12
0.014	H433-1-14	H433-2-14
0.016	H433-1-16	H433-2-16
0.018	H433-1-18	H433-2-18
0.020	H433-1-20	H433-2-20

### Rectangular\*\*

Description (1pcs/pk)	Item NO.	
	Sqaure	Oval
0.016x0.016	H434-1-1616	H434-2-1616
0.016x0.022	H434-1-1622	H434-2-1622
0.017x0.022	H434-1-1722	H434-2-1722
0.017x0.025	H434-1-1725	H434-2-1725
0.018x0.025	H434-1-1825	H434-2-1825
0.019x0.025	H434-1-1925	H434-2-1925

## TMA straight wire



### Round\*\*

Description (10pcs/pk)	Item NO.
0.012	H444-1-12
0.014	H444-1-14
0.016	H444-1-16
0.018	H444-1-18
0.020	H444-1-20

### Rectangular\*\*

Description (10pcs/pk)	Item NO.
0.016x0.022	H454-1-1622
0.017x0.022	H454-1-1722
0.017x0.025	H454-1-1725
0.018x0.025	H454-1-1825
0.019x0.025	H454-1-1925

# Archwires



# ORTHODONTIC ELASTOMERIC

## Twist Archwire



Description (20pcs/pk)	Item NO.
0.0155	H424-1
0.0175	H424-2
0.0195	H424-3
Description (50pcs/pk)	Item NO.
0.0155	H424-4
0.0175	H424-5
0.0195	H424-6

## Niti closed spring with eyelets



Description (10pcs/pk)	Item NO.
0.010x6mm	H414-1-1006
0.010x9mm	H414-1-1009
0.010x12mm	H414-1-1012
0.012x6mm	H414-1-1206
0.012x9mm	H414-1-1209
0.012x12mm	H414-1-1212

## Orthodontic torque spring



Description(10pcs/pk)	Item NO.
0.016*0.022	Large H435-1-1622 H435-1-1725 H435-1-1825 H435-1-1925
0.017*0.025	
0.018*0.025	
0.019*0.025	
0.016*0.022	Middle H435-2-1622 H435-2-1725 H435-2-1825 H435-2-1925
0.017*0.025	
0.018*0.025	
0.019*0.025	
0.016*0.022	Small H435-3-1622 H435-3-1725 H435-3-1825 H435-3-1925
0.017*0.025	
0.018*0.025	
0.019*0.025	

## Niti open coil spring



Description (2pcs/pk)	Item NO.
0.010x180mm	H415-1-1018
0.012x180mm	H415-1-1218

## Ligature wire



Description (30g / spool)	Item NO.
0.20mm	H416-1-2030
0.25mm	H416-1-2530
0.30mm	H416-1-3030







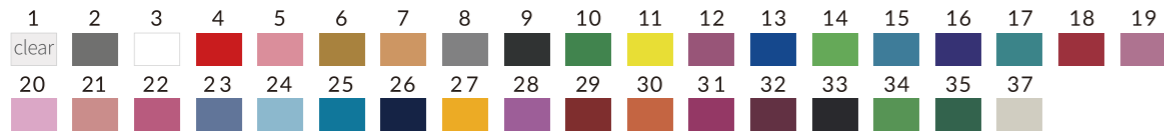
# Elastomeric

## Ligature tie



Item NO.
H601-1-#

Color NO.\*\*



## Separator elastomeric



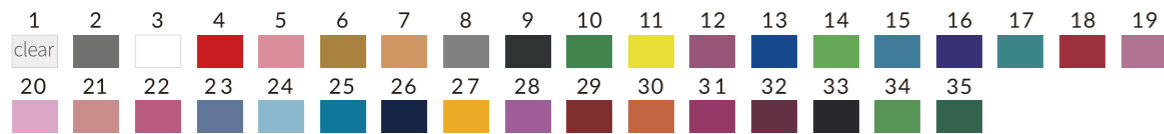
Item NO.
H602-1-#

## Power chain



Description (15feet/pk)	Item NO.
Long	H603-1-#
Middle	H603-2-#
Short	H603-3-#
Continues	H603-4-#

Color NO.\*\*



## Orthodontic elastics



Description	Item NO.
1/8"	H604-1-#
3/16"	H604-2-#
1/4"	H604-3-#
5/16"	H604-4-#
3/8"	H604-5-#

Force\*\*2.5OZ,3.5OZ,4.5OZ,6.5OZ

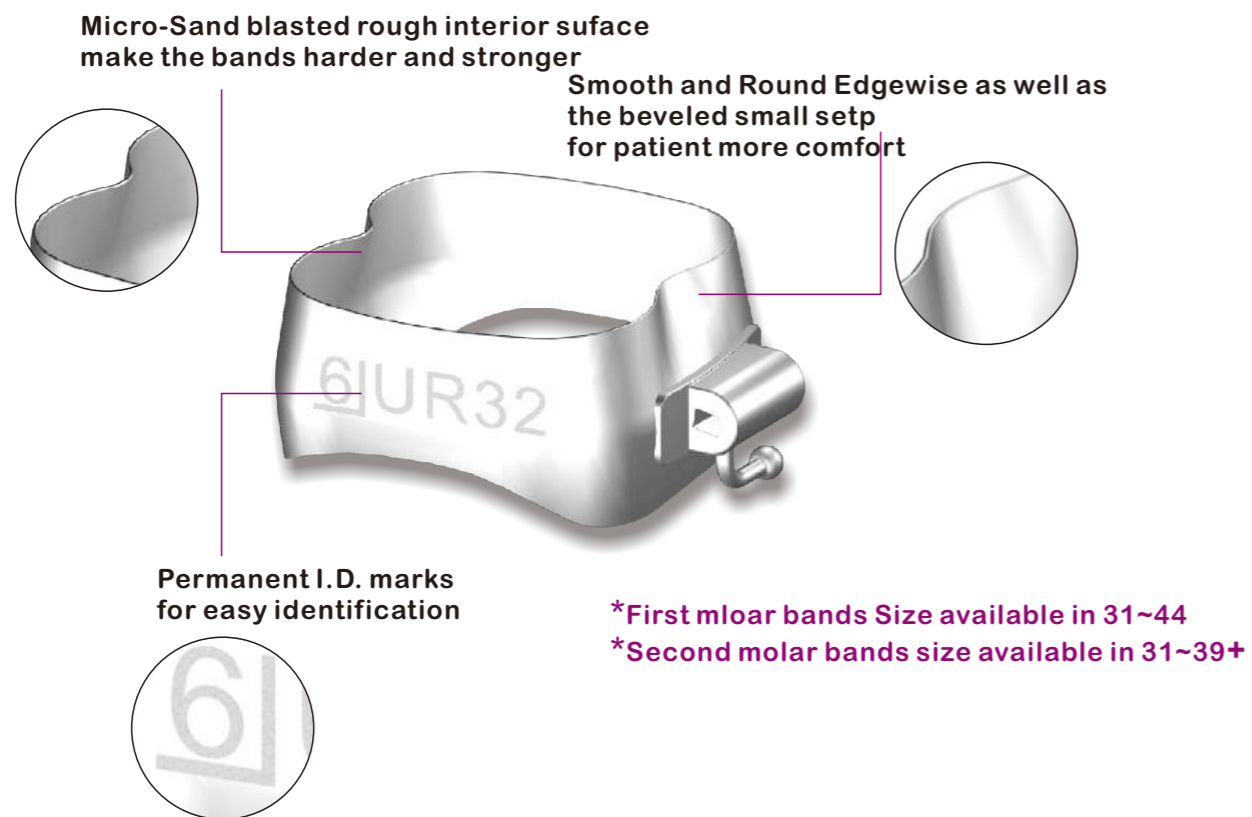
# ORTHODONTIC BANDS





# Molar Bands

DUE EFFE offers a complete selection of bands to fulfill your every request. Each band has the option to be ordered as plain or as a pre-welded assembly. For the ultimate in custom fitting, shape, and retention choose from DUE EFFE Molar bands.



## Molar bands

### First molar bands

Bands Size	Upper Diameter	Lower Diameter	Teeth			
			UR(16)	UL(26)	LR(46)	LL(36)
31	9.61	9.89	301-16-31	301-26-31	301-46-31	301-36-31
31+	9.71	10.01	301-16-31+	301-26-31+	301-46-31+	301-36-31+
32	9.81	10.14	301-16-32	301-26-32	301-46-32	301-36-32
32+	9.92	10.25	301-16-32+	301-26-32+	301-46-32+	301-36-32+
33	10.02	10.38	301-16-33	301-26-33	301-46-33	301-36-33
33+	10.12	10.5	301-16-33+	301-26-33+	301-46-33+	301-36-33+
34	10.23	10.63	301-16-34	301-26-34	301-46-34	301-36-34
34+	10.33	10.75	301-16-34+	301-26-34+	301-46-34+	301-36-34+
35	10.43	10.87	301-16-35	301-26-35	301-46-35	301-36-35
35+	10.54	10.99	301-16-35+	301-26-35+	301-46-35+	301-36-35+
36	10.64	11.12	301-16-36	301-26-36	301-46-36	301-36-36
36+	10.74	11.24	301-16-36+	301-26-36+	301-46-36+	301-36-36+
37	10.85	11.36	301-16-37	301-26-37	301-46-37	301-36-37
37+	10.95	11.48	301-16-37+	301-26-37+	301-46-37+	301-36-37+
38	11.05	11.61	301-16-38	301-26-38	301-46-38	301-36-38
38+	11.16	11.73	301-16-38+	301-26-38+	301-46-38+	301-36-38+
39	11.26	11.85	301-16-39	301-26-39	301-46-39	301-36-39
39+	11.36	11.97	301-16-39+	301-26-39+	301-46-39+	301-36-39+
40	11.47	12.1	301-16-40	301-26-40	301-46-40	301-36-40
40+	11.57	12.22	301-16-40+	301-26-40+	301-46-40+	301-36-40+
41	11.67	12.34	301-16-41	301-26-41	301-46-41	301-36-41
41+	11.78	12.46	301-16-41+	301-26-41+	301-46-41+	301-36-41+
42	11.88	12.59	301-16-42	301-26-42	301-46-42	301-36-42
42+	11.98	12.71	301-16-42+	301-26-42+	301-46-42+	301-36-42+
43	12.08	12.83	301-16-43	301-26-43	301-46-43	301-36-43
43+	12.19	12.96	301-16-43+	301-26-43+	301-46-43+	301-36-43+
44	12.29	13.08	301-16-44	301-26-44	301-46-44	301-36-44



## Molar bands

### Second molar bands

Bands Size	Upper Diameter	Lower Diameter	Teeth			
			UR(17)	UL(27)	LR(47)	LL(37)
31	9.72	11.51	302-17-31	302-27-31	302-47-31	302-37-31
31+	9.84	11.63	302-17-31+	302-27-31+	302-47-31+	302-37-31+
32	9.96	11.75	302-17-32	302-27-32	302-47-32	302-37-32
32+	10.07	11.87	302-17-32+	302-27-32+	302-47-32+	302-37-32+
33	10.19	11.99	302-17-33	302-27-33	302-47-33	302-37-33
33+	10.30	12.12	302-17-33+	302-27-33+	302-47-33+	302-37-33+
34	10.42	12.24	302-17-34	302-27-34	302-47-34	302-37-34
34+	10.54	12.36	302-17-34+	302-27-34+	302-47-34+	302-37-34+
35	10.65	12.48	302-17-35	302-27-35	302-47-35	302-37-35
35+	10.77	12.61	302-17-35+	302-27-35+	302-47-35+	302-37-35+
36	10.88	12.73	302-17-36	302-27-36	302-47-36	302-37-36
36+	11.00	12.85	302-17-36+	302-27-36+	302-47-36+	302-37-36+
37	11.12	12.97	302-17-37	302-27-37	302-47-37	302-37-37
37+	11.23	13.09	302-17-37+	302-27-37+	302-47-37+	302-37-37+
38	11.35	13.22	302-17-38	302-27-38	302-47-38	302-37-38
38+	11.46	13.34	302-17-38+	302-27-38+	302-47-38+	302-37-38+
39	11.58	13.46	302-17-39	302-27-39	302-47-39	302-37-39
39+	11.70	13.59	302-17-39+	302-27-39+	302-47-39+	302-37-29



## Molar bands

### First molar bands with\*\*

#### Non-convertible buccal tube

	Description	Side/ R		Side / L	
		.018"	.022"	.018"	.022"
MAXILLARY	ROTH	303-1816-1-#	303-2216-1-#	303-1826-1-#	303-2226-1-#
	MBT	305-1816-1-#	305-2216-1-#	305-1826-1-#	305-2226-1-#
	EDGEWISE	307-1816-1-#	307-2216-1-#	307-1826-1-#	307-2226-1-#
	ROTH	303-1816-2-#	303-2216-2-#	303-1826-2-#	303-2226-2-#
	MBT	305-1816-2-#	305-2216-2-#	305-1826-2-#	305-2226-2-#
	EDGEWISE	307-1816-2-#	307-2216-2-#	307-1826-2-#	307-2226-2-#
MANDIBULAR	ROTH	303-1846-1-#	303-2246-1-#	303-1836-1-#	303-2236-1-#
	MBT	305-1846-1-#	305-2246-1-#	305-1836-1-#	305-2236-1-#
	EDGEWISE	307-1846-1-#	307-2246-1-#	307-1836-1-#	307-2236-1-#
	ROTH	303-1846-2-#	303-2246-2-#	303-1836-2-#	303-2236-2-#
	MBT	305-1846-2-#	305-2246-2-#	305-1836-2-#	305-2236-2-#
	EDGEWISE	307-1846-2-#	307-2246-2-#	307-1836-2-#	307-2236-2-#



### First molar bands with\*\*

#### Non-convertible buccal tube

Description (1-1,4pcs )	Roth		MBT		Edgewise	
	Item NO.		Item NO.		Item NO.	
	.018"	.022"	.018"	.022"	.018"	.022"
Upper 1, Lower 1	H303-18-1-#	H303-22-1-#	H305-18-1-#	H305-22-1-#	H307-18-1-#	H307-22-1-#
Upper 2, Lower 1	H303-18-2-#	H303-22-2-#	H305-18-2-#	H305-22-2-#	H307-18-2-#	H307-22-2-#
Upper 2, Lower 2	H303-18-3-#	H303-22-3-#	H305-18-3-#	H305-22-3-#	H307-18-3-#	H307-22-3-#



## Molar bands

### First molar bands with\*\* Convertible buccal tube

	Description	Side/ R		Side / L	
		.018"	.022"	.018"	.022"
MAXILLARY	ROTH	304-1816-1-#	304-2216-1-#	304-1826-1-#	304-2226-1-#
	MBT	306-1816-1-#	306-2216-1-#	306-1826-1-#	306-2226-1-#
	EDGEWISE	308-1816-1-#	308-2216-1-#	308-1826-1-#	308-2226-1-#
	ROTH	304-1816-2-#	304-2216-2-#	304-1826-2-#	304-2226-2-#
	MBT	306-1816-2-#	306-2216-2-#	306-1826-2-#	306-2226-2-#
	EDGEWISE	308-1816-2-#	308-2216-2-#	308-1826-2-#	308-2226-2-#
	ROTH		304-2216-3-#		304-2226-3-#
	MBT		306-2216-3-#		306-2226-3-#
	EDGEWISE		308-2216-3-#		308-2226-3-#
MANDIBULAR	ROTH	304-1846-1-#	304-2246-1-#	304-1836-1-#	304-2236-1-#
	MBT	306-1846-1-#	306-2246-1-#	306-1836-1-#	306-2236-1-#
	EDGEWISE	308-1846-1-#	308-2246-1-#	308-1836-1-#	308-2236-1-#
	ROTH	304-1846-2-#	304-2246-2-#	304-1836-2-#	304-2236-2-#
	MBT	306-1846-2-#	306-2246-2-#	306-1836-2-#	306-2236-2-#
	EDGEWISE	308-1846-2-#	308-2246-2-#	308-1836-2-#	308-2236-2-#



### First molar bands with\*\* Convertible buccal tube

Description (1-1,4pcs)	Roth Item NO.		MBT Item NO.		Edgewise Item NO.	
	.018"	.022"	.018"	.022"	.018"	.022"
Upper 1, Lower 1	H304-18-1-#	H304-22-1-#	H306-18-1-#	H306-22-1-#	H308-18-1-#	H308-22-1-#
Upper 2, Lower 1	H304-18-2-#	H304-22-2-#	H306-18-2-#	H306-22-2-#	H308-18-2-#	H308-22-2-#
Upper 2, Lower 2	H304-18-3-#	H304-22-3-#	H306-18-3-#	H306-22-3-#	H308-18-3-#	H308-22-3-#
Upper 3, Lower 2	—	H304-22-4-#	—	H306-22-4-#		H308-22-4-#



## Molar bands

### Second molar bands with\*\* Non-convertible buccal tube

	Description	Side/ R		Side / L	
		.018"	.022"	.018"	.022"
MAXILLARY	ROTH	309-1816-1-#	309-2216-1-#	309-1826-1-#	309-2226-1-#
	MBT	310-1816-1-#	310-2216-1-#	310-1826-1-#	310-2226-1-#
	EDGEWISE	311-1816-1-#	311-2216-1-#	311-1826-1-#	311-2226-1-#
MANDIBULAR	ROTH	309-1846-1-#	309-2246-1-#	309-1836-1-#	309-2236-1-#
	MBT	310-1846-1-#	310-2246-1-#	310-1836-1-#	310-2236-1-#
	EDGEWISE	311-1846-1-#	311-2246-1-#	311-1836-1-#	311-2236-1-#



### Second molar bands with\*\* Non-convertible buccal tube

Description (1-1,4pcs)	Roth Item NO.		MBT Item NO.		Edgewise Item NO.	
	.018"	.022"	.018"	.022"	.018"	.022"
Upper 1, Lower 1	H309-18-1-#	H309-22-1-#	H310-18-1-#	H310-22-1-#	H311-18-1-#	H311-22-1-#

### \* Choose your Lingual Attachment

Create your preferred band assembly by choosing from a cleat, or sheath.






# ORTHODONTIC ACCESSORIES




## Accessories


### Bondable lingual button

	Description (10pcs/pk)	Item NO.
	Round	H501-1
	Oval	H501-2
	Trapezoid	H501-3
	Hole base	H501-4
	Ceramic button	H501-5


### Bondable lingual cleats

	Description (10pcs/pk)	Item NO.
	Round	H502-1
	Oval	H502-2
	Trapezoid	H502-3


### Button eyelets with chain

	Description (2pcs/pk)	Item NO.
	Common	H503-1
	Golden	H503-2


### Lingual sheaths

	Description (10pcs/pk)	Item NO.
	Without hook	H504-1
	With hook	H504-2


### Archwire stop

	Description (10pcs/pk)	Item NO.
	Open	H505-1
	Seal	H505-2


### Cross tube

	Description (10pcs/pk)	Item NO.
	Cross	H505-3
	Parallel	H505-4


### Crimpable hook

	Description (10pcs/pk)	Item NO.
	Long	H506-1
	Middle	H506-2
	Short	H506-3


### Bite Turbos

	Description (10pcs/pk)	Item NO.
	--	H511

### Bondable Eyelets

	Description (10pcs/pk)	Item NO.
	Rectangule	H512
	Round	H515-1

### Lingual screw

	Description (10pcs/pk)	Item NO.
	--	H513







## Accessories

# ORTHODONTIC INSTRUMENTS


### Power hook

	Description (10pcs/pk)	Item NO.
	Long - right	H507-1
	Long - left	H507-2
	Middle - right	H507-3
	Middle - left	H507-4
	Short - right	H507-5
	Short - left	H507-6

### Power Multi-hooks

	Description (10pcs/pk)	Item NO.
	2 hooks(L)	H509-1
	2 hooks(R)	H509-2
	3 hooks(L)	H510-1
3 hooks(R)	H510-2	

### Lingual retainer

	Description (2pcs/pk)	Item NO.
	Upper - 22#	H508-1
	Upper - 24#	H508-2
	Upper - 26#	H508-3
	Upper - 28#	H508-4
	Upper - 30#	H508-5
	Lower - 27#	H508-6
	Lower - 29#	H508-7
	Lower - 31#	H508-8
	Lower - 33#	H508-9
Lower - 35#	H508-10	



# Instruments



**H701**

**Light Wire Plier**

Application:  
To bend small diameter loops and spring Loops



**H702**

**Distal End Cutter**

Application:  
To cut archwires and safely hold the loose



**H703**

**Light Wire Pliers**

Application:  
To make different orthodontic loops with



**H704**

**Light Wire Pliers With Cutter**

Application:  
To make different orthodontic loops with



**H705**

**Heavy Cutter Plier**

Application:  
To cut thick wire . Useful got cutting thick wire of



**H706**

**Bracket Removing Plier**

H706-1: Anterior teeth  
H706-2: posterior teeth  
Application:  
To remove the bracket .



**H707**

**Cap Remover Plier For Convertible Tubes**

Application:  
To make easy of removing the cap of



**H708**

**Band Removing Plier**

Application:  
To remove the band .



**H709**

**Adhesive Removing Plier**

Application:  
To remove adhesive of tooth .



**H710**

**Crimpable Hook Plier**

Application:  
To set crimpable hook on the arch wire .

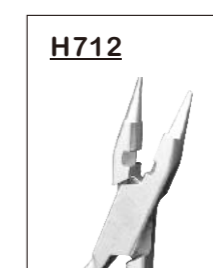
# Instruments



**H711**

**Torque Bending Plier**

Application:  
To make arch bending wire  
Used in pairs .



**H712**

**Multi Functional Pliers**

Application:  
Used to bend, flatten and cut wires



**H713**

**Kim's Plier**

Application:  
To make different loops .  
With cutter.



**H714**

**Tweed Pliers**

Application:  
To make small loops, distal stops and Ω loops



**H715**

**Distal End Bending Pliers**

Application:  
Bending the end of wire of the extrude bucal tubes .



**H716**

**Young Wire Bending Plier**

Application:  
To make small round loops or rectangular



**H717**

**Wire Forming And Banding Cutter**

Application:  
Cutting the Strong and heavy wires



**H718**

**Elastic Separating Pliers**

Application:  
To place elastics ring to separate teeth gap .



**H719**

**Three Prong Clasp Adjustable Pliers**

Application:  
To make V loops and bend archwires.



**H720-1**

4.5mm  
4.0mm  
3.5mm  
3.0mm

**Bracket Positioning Gaug**

Application:  
To precisely placement the bracket on the correct

# Instruments



**H720-2**

**Star-like Bracket Positioning Gauge**

Application:  
To precisely placement the bracket on the correct



**H723**

**Omega Pliers**

Application:  
To make fine  $\Omega$  loops



**H724**

**Weingart Arch Bending Pliers**

Application:  
Design of end sawtooth .  
To staedy orthodontic wire and cinch back.



**H725**

**Arch Turret**



**H726-1**

**Orthodontic Stainless Steel Reflectors Mirrors**



**H726-2**

**Orthodontic Stainless Steel Reflectors Mirrors**



**H727**

**Bracket Placement Tweezers**



**H728**

**Self-ligating Bracket Instrument**



**H729**

**Orthodontic Wax**