



An Innovative and Unique One Piece Base Design

Cast from high quality 17-4 stainless steel, the Marquis Straight Arch Bracket System is unsurpassed in strength and offers the following features and benefits.

Form and Function

The Marquis offers a true compound contoured bracket base with built in torque, angulation, and in/out dimensions. The archwire slots are chamfered for simple wire engagement. The Marquis bracket offers ample mesial distal width for rotational control and provides 40% more tie wing area for easy bracket ligation. The lower incisors are bevelled to prevent occlusal interference. The bicuspid have an extended base to provide a better fit and added retention.

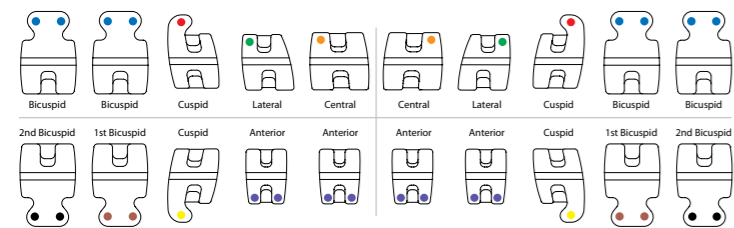


| Kit Description | .022 Slot |
|--------------------------------|-----------|
| Upper/Lower 5-5 No Hooks | M22-1000 |
| Upper/Lower 5-5 Hooks on 3 | M22-1300 |
| Upper/Lower 5-5 Hooks on 3,4,5 | M22-1345 |

| Mandibular | T | A | Width | R/L | .022 Slot |
|------------|------|----|-------|-----|-----------|
| L1/2 | 0° | 0° | .100" | U | M22-040 |
| L3 | -11° | 5° | .125" | R | M22-053 |
| | | | | L | M22-054 |
| L3 + HK | -11° | 5° | .125" | R | M22-051 |
| | | | | L | M22-052 |
| L4 | -17° | 0° | .125" | U | M22-060 |
| L4 + HK | -17° | 0° | .125" | R | M22-061 |
| | | | | L | M22-062 |
| L5 | -22° | 0° | .125" | U | M22-070 |
| L5 + HK | -22° | 0° | .125" | R | M22-071 |
| | | | | L | M22-072 |

Marquis™
Stainless Steel Bracket System

Identification System



Marquis

Roth Prescription*

Price£1.25 each
10 kits /200 bkts.....£1.10 each
50 kits /1000 bkts.....£0.90 each

Please note: Brackets available in multiples of 5

| Maxillary | T | A | Width | R/L | .022 Slot |
|-----------|-----|-----|-------|-----|-----------|
| U1 | 12° | 5° | .155" | R | M22-001 |
| | | | | L | M22-002 |
| U2 | 8° | 9° | .125" | R | M22-011 |
| | | | | L | M22-012 |
| U3 | 0° | 11° | .130" | R | M22-023 |
| | | | | L | M22-024 |
| U3 + HK | 0° | 11° | .130" | R | M22-021 |
| | | | | L | M22-022 |
| U4/5 | -7° | 0° | .125" | U | M22-030 |
| U4/5 + HK | -7° | 0° | .125" | R | M22-031 |
| | | | | L | M22-032 |

*The Ortho Technology version of the Roth Rx is not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Roth.

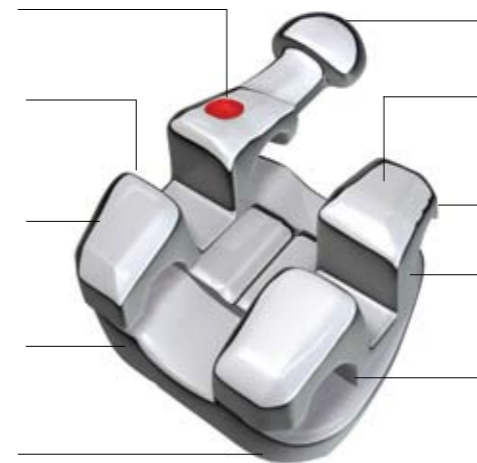
Identification System
By quadrant with a removable colour coded dot and permanently by a recessed I.D. mark

Chamfered Archwire Slot
For easy archwire engagement
Archwire slot is parallel to incisal edge of tooth

Highest Quality Material
Cast from the highest quality 17-4 stainless steel available for unsurpassed strength

Rhomboid Shape
With defined centre scribe line for easy and accurate bracket placement

Superior Shear Bond Strength
Makes for less bond failure



Ball Hooks
No additional charge

Contoured Tie Wing
For added patient comfort
Tie wings are parallel to tooth anatomy

Generous Tie Wing Area
For easy bracket ligation

Ultra Low Profile
For added patient comfort

Torque-In-Base
Compound-contoured design
Base of bracket is parallel to the incisal edge of tooth

State-Of-The-Art Base Design



Mechanical Retention

The primary retention employed by the Marquis bracket system is achieved by a process known as "electrical-discharge-machining" (EDM). This process produces a micro etched surface on all sides of the pylon, as well as the under side of the base. The "pylons" act as miniature daggers which embed themselves firmly into the adhesive. Once embedded, the EDM surface of each pylon allows the adhesive to grip the bracket and securely anchor it into the adhesive. In addition to the mechanical retention of the EDM finish, the pylons are designed at an acute angle, relative to the torque-in base... thereby, generating geometric undercuts when bonded to the tooth. These undercuts serve to further enhance the retentive strength of the Marquis bracket system.

- Electrical Discharge Machining (EDM)
- Retention superior to mesh bonding pads
- Pylons act as miniature daggers embedded firmly into the adhesive
- The pylons' surface is micro-etched and designed at an acute angle generating geometric undercuts when bonded
- The extended base of the bicuspid provides a better fit and added retention

TOC NF Brackets
Nickel Free Bracket System

Nickel Free Brackets

Roth Prescription*

Price£1.20 each

| Maxillary | R/L | .022 Slot |
|-----------|-----|-----------|
| U1 | R | NF22-001 |
| | L | NF22-002 |
| U2 | R | NF22-003 |
| | L | NF22-004 |
| U3 | R | NF22-005 |
| | L | NF22-006 |
| U3 + HK | R | NF22-007 |
| | L | NF22-008 |
| U4/5 | R | NF22-009 |
| | L | NF22-010 |
| U4/5 + HK | R | NF22-011 |
| | L | NF22-012 |

*Not implied to be an exact version of any other system, nor do we claim any endorsement of the Doctors.

- Metal Injection Moulded (MIM) for quality precision
- Improved sliding mechanics for reduced friction
- Low profile design for patient comfort
- Sandblasted base for reliable bonding and debonding
- Nickel free so safe for all patients

Nickel Free Brackets

MBT Prescription*

Price£1.20 each

| Maxillary | R/L | .022 Slot |
|-----------|-----|-----------|
| U1 | R | NF22-101 |
| | L | NF22-102 |
| U2 | R | NF22-103 |
| | L | NF22-104 |
| U3 | R | NF22-105 |
| | L | NF22-106 |
| U3 + HK | R | NF22-107 |
| | L | NF22-108 |
| U4/5 | R | NF22-109 |
| | L | NF22-110 |
| U4/5 + HK | R | NF22-111 |
| | L | NF22-112 |

| Mandibular | R/L | .022 Slot |
|------------|-----|-----------|
| L1/2 | U | NF22-120 |
| L3 | R | NF22-121 |
| | L | NF22-122 |
| L3 + HK | R | NF22-123 |
| | L | NF22-124 |
| L4 | R | NF22-125 |
| | L | NF22-126 |
| L4 + HK | R | NF22-127 |
| | L | NF22-128 |
| L5 | R | NF22-129 |
| | L | NF22-130 |
| L5 + HK | R | NF22-131 |
| | L | NF22-132 |

See page 56 for Nickel Free archwire