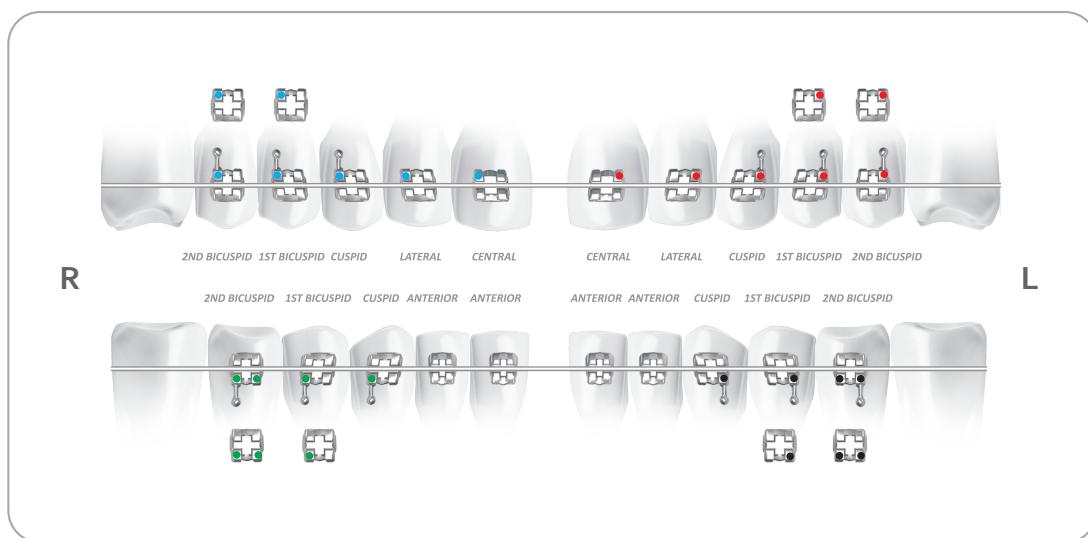


EPS Elite Performance Series



EPS_SS is a single piece bracket made with Hybrid technologies combining MIM technology with CNC technology. MIM technology provides the most comfortable brackets while CNC provides the most precise archwire slots, which gives EPS brackets the possibility to eliminate the treatment time and provide excellent outcome.

Identification System



Prescriptions

McLaughlin, Bennet & Trevisi .022"/.018"

Maxillary Arch	Torq.	Ang.	Width	Mandibular Arch	Torq.	Ang.	Width
1 1 Central	+17°	+4°	3.35mm	1/2 Anterior	-6°	0°	2.46mm
2 2 Lateral	+10°	+8°	2.67mm	3 3 Cuspid with hook	-6°	+3°	3.25mm
3 3 Cuspid with hook	-7°	+8°	3.22mm	4 4 1 st Bicuspid with hook	-12°	+2°	3.1mm
4 4 Bicuspid with hook	-7°	0°	2.97mm	5 5 2 nd Bicuspid with hook	-17°	+2°	3.1mm

Single Piece 17-4 Stainless Steel MIM Construction

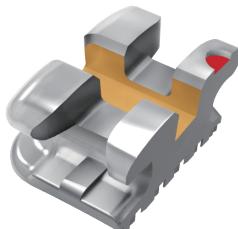
- Avoid separation between bracket body and pad
- Accurate prescription

**Patient Comfort**

- Bracket surface and corners are designed with rounded corners

**Center Scribe Line**

- Permanent visual reference for proper placement

**Precise Slot Dimension – "better result"**

- CNC Slot Milling Tolerance $\pm 0.015\text{mm}$

**Reduced Archwire Slot Friction**

- C shape design on archwire slot corners

**Tie Wing**

- Ample under-tiewing area for easy engagement

**Innovative Pad Design**

- Maze Base Design, secure bonding and simplified clean up
- Excellent bonding strength: 11~12Mpa
- Excellent anatomical contouring for easy placement
- Torque in Base for proper bonding

Zeemas A

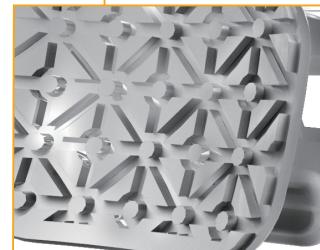
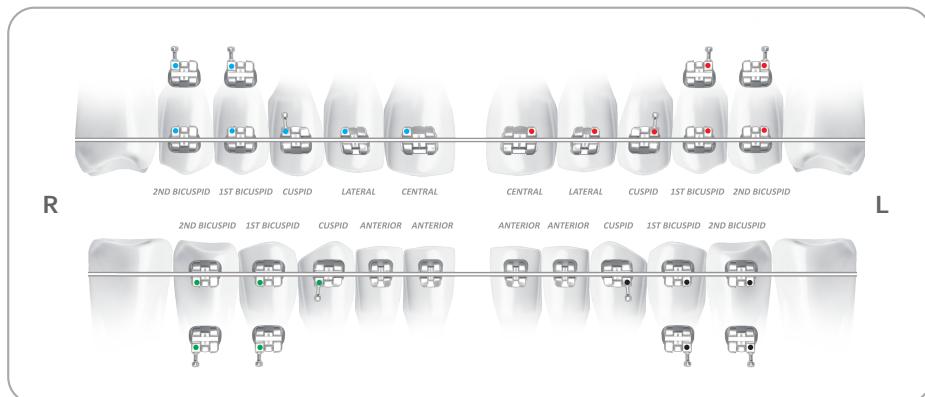


MEM has designed a new metal one-piece design eliminating the possibility of body and pad separation. The precision manufacture of this complicated archwire slot design has made possible by using Metal Injection Molding (MIM) technology. The unique maze-base is clinically proven to provide excellent bond strength and easy de-bonding.

Features

- MIM One-Piece Construction combines strength and precision into a single piece construction; allowing full advantage of all aspects of the built-in prescription, enabling easy achievement of desired torques and angulations.
- Maze Base Design creates superior bonding strength.
- Center Line for easy bracket placement.
- Torque In Base allows for more accurate bracket placement during bonding.
- Nano polishing and super-smooth surface to improve patient comfort.

Identification System



Prescriptions

McLaughlin, Bennet & Trevisi .022"/.018"

Maxillary Arch	Torq.	Ang.	Width
1 1 Central	+17°	+4°	3.6mm
2 2 Lateral	+10°	+8°	2.8mm
3 3 Cuspid with hook	-7°	+8°	3.2mm
4 4 Bicuspid with hook	-7°	0°	3.2mm

Mandibular Arch	Torq.	Ang.	Width
1 1 Anterior	-6°	0°	2.4mm
2 2 Cuspid with hook	-6°	+3°	3.2mm
3 3 1 st Bicuspid with hook	-12°	+2°	3.2mm
4 4 2 nd Bicuspid with hook	-17°	+2°	3.2mm

Roth .022"/.018"

Maxillary Arch	Torq.	Ang.	Width
1 1 Central	+12°	+5°	3.5mm
2 2 Lateral	+8°	+9°	2.6mm
3 3 Cuspid with hook	0°	+11°	3.2mm
4 4 Bicuspid with hook	-7°	0°	3.0mm

Mandibular Arch	Torq.	Ang.	Width
1 1 Anterior	0°	0°	2.4mm
2 2 Cuspid with hook	-11°	+5°	3.2mm
3 3 1 st Bicuspid with hook	-17°	0°	3.0mm
4 4 2 nd Bicuspid with hook	-22°	0°	3.0mm

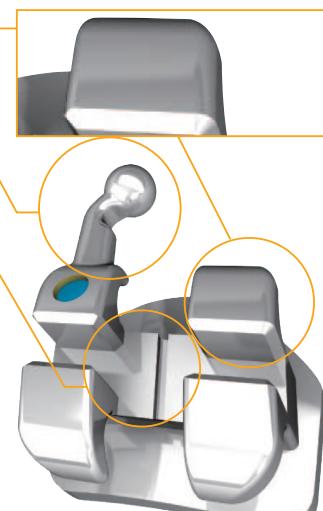
Zeemas V



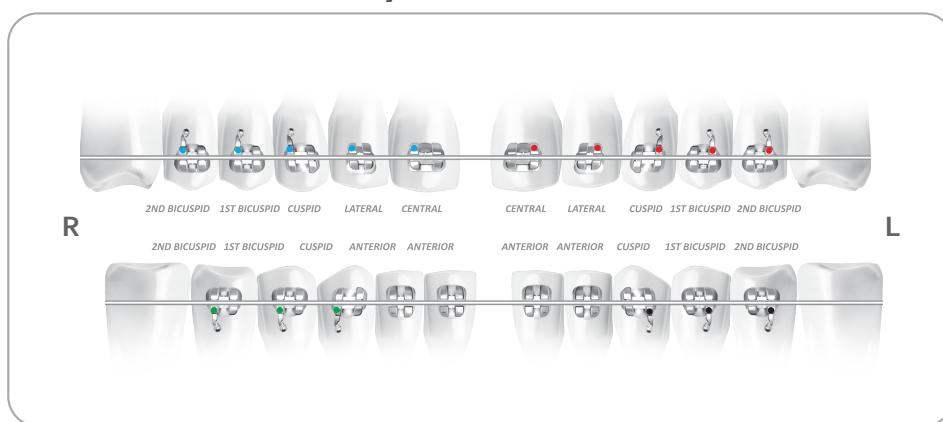
Based on the demand for conventional brackets, MEM has designed and developed Zeemas V, a new metal twin bracket that conforms to the new industry standard. By using Metal Injection Molding (MIM) technology, MEM solved the long-lasting difficulty in making complicated bracket details and improved the precision of the positioning and the dimensions of the archwire slot.

Features

- Super Fine Polishing technology makes the surface of the bracket super-smooth to avoid food residue adhering to the bracket.
- 17-4 grade stainless steel MIM construction for greater strength.
- 80 Gauge Foil Mesh.
- Shorter hooks for greater comfort.
- Clear center-line, color-coded wing, and laser tooth position.



Identification System



Prescriptions

McLaughlin, Bennet & Trevisi .022"/.018"

Maxillary Arch	Torq.	Ang.	Width
1 1 Central	+17°	+4°	3.5mm
2 2 Lateral	+10°	+8°	2.6mm
3 3 Cuspid with hook	-7°	+8°	3.2mm
4 4 Bicuspid with hook	-7°	0°	3.0mm

Mandibular Arch	Torq.	Ang.	Width
1 1 Anterior	-6°	0°	2.4mm
2 2 Cuspid with hook	-6°	+3°	3.2mm
3 3 1 st Bicuspid with hook	-12°	+2°	3.0mm
4 4 2 nd Bicuspid with hook	-17°	+2°	3.0mm

Roth .022"/.018"

Maxillary Arch	Torq.	Ang.	Width
1 1 Central	+12°	+5°	3.5mm
2 2 Lateral	+8°	+9°	2.6mm
3 3 Cuspid with hook	0°	+11°	3.2mm
4 4 Bicuspid with hook	-7°	0°	3.0mm

Mandibular Arch	Torq.	Ang.	Width
1 1 Anterior	0°	0°	2.4mm
2 2 Cuspid with hook	-11°	+5°	3.2mm
3 3 1 st Bicuspid with hook	-17°	0°	3.0mm
4 4 2 nd Bicuspid with hook	-22°	0°	3.0mm

ADVANCED Zeemas C

Translucent Ceramic Brackets



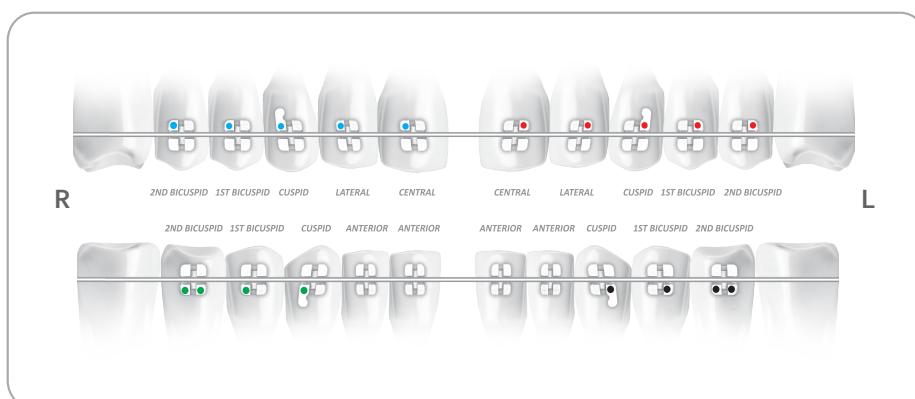
MEM's Zeemas C is manufactured using a high quality polycrystalline alumina. It is a biocompatible full aesthetic bracket that provides low friction slot. Orthodontists need the functionality of the material, and patients love the aesthetics of the ceramic.

Features

- Manufactured using Ceramic Injection Molding (CIM) technology that allows fabrication of small ceramic brackets with intricate shapes and high dimensional accuracy.
- Translucent polycrystalline alumina chemically polished for unsurpassed strength and pleasing aesthetics.
- Ultra-smooth slot surface ensuring excellent sliding mechanics.
- Low Profile design at just 2.2 mm.
- Torque-In-Base for level slot alignment.
- Reliable Bonding base design increases bonding force.



Identification System



Prescriptions

McLaughlin, Bennet & Trevisi .022"

Maxillary Arch	Torq.	Ang.	Width
1 1 Central	+17°	+4°	3.4mm
2 2 Lateral	+10°	+8°	3.0mm
3 3 Cuspid with hook	-7°	+8°	3.2mm
4 4 Bicuspid without hook	-7°	0°	3.0mm

Mandibular Arch	Torq.	Ang.	Width
1 1 Anterior	-6°	0°	2.5mm
2 2 Cuspid with hook	-6°	+3°	3.2mm
3 3 1 st Bicuspid without hook	-12°	+2°	3.0mm
4 4 2 nd Bicuspid without hook	-17°	+2°	3.0mm

TUBA

Buccal Tube



MEM's Low Profile Buccal Tube is smaller than other buccal tubes in the market today. Positioning guides, and color coded indents simplify treatment and reduce valuable chair time.

Available in



**Single
Self-Ligating Tube**



**Single
Non-Convertible**



**Single
Convertible**



**Combination
Convertible**



**Triple
Convertible**

Prescriptions

Genius

Quadrant	Slot Torq.	Ang.	Distal Offset
Upper	-17°	0°	+6°
Lower	-20°	+2°	+2°

- Cobalt Chromium Alloy.

- Single-piece Metal Injectrom Molded (MIM) buccal tube.

McLaughlin, Bennet & Trevisi

Quadrant	Slot Torq.	Distal Offset
Upper	-14°	-10°
Lower	-20°	0°

Roth

Quadrant	Slot Torq.	Distal Offset
Upper	-14°	+10°
Lower	-25°	+4°

- 17-4 grade stainless steel.

- Two-piece Metal Injection Molded (MIM) buccal tube.

mOLA

Molar Band



MEM molar bands are manufactured using a high purity metal alloy that conforms to the highest standards for orthodontic appliances and with the design, elasticity and memory required by orthodontists. Treated internal and external surfaces assure an optimum appearance and a proper fit with the tooth anatomy.

Features

- Permanent laser ID marking.
- Non-welded and completely proportioned for anatomical sizing.
- Proportional graduated half-sizing numbered.
- Deformation is barred for a mild increasing of occlusal edge.



ATTACHMENTS



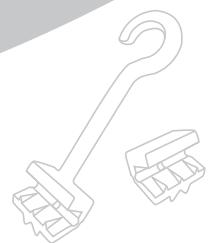
Easy Clip Series



ZeroNIK™ Lingual Button



Eyelets & Lingual Attachments



Easy Clip Series



No Deformation in the NiTi or Stainless Steel Archwire

Comparing with hooks and stops in the market, MEM Easy Clip Series is stronger with precise dimension and detail. Moreover, it provides a gentle force and a constant grip. The patent application is in process.

For NiTi Wire use / Stainless Steel Wire use

Features

- V-notch design prevents rotation
- Smooth rounded edges improve patient comfort
- Big Wide Mouth allows quick and simple placement on an archwire
- Force-saving design reduces force required during placement
- Physically processed inner surface locks onto the archwire and prevents hooks and stops from sliding
- Micro Metal Injection Molding (MIM) for high dimensional accuracy and Nano Polishing for a super smooth surface

	Perfect for NiTi Archwire use
	Quick Placement Design
	Gentle Force Design
	Easy Positioning
	Easy Clip Plier MEM 802

Zeronik™ Lingual Button



Features

Safe Nickel Free Material

Cobalt Chromium is nickel-free and biocompatible for sensitive patients.



Unique Engraved Hollow Design

100% complete adhesive bonding and light curing.

Micro Metal Injection Molding (MIM) Technique

Nano particle technology ensures most suitable treatment design.



Simplified Clean-Up

Adhesive clings to the base of the bracket at debonding.



Ultra Low Profile

Lower than other buttons in the market.