

AOA

Dmetal
PRINTING 3D



Appliances Currently Offered.

- Rapid Palatal Expander (RPE)
- Lingual Arch (LA)
- Nance Button
- Trans Palatal Arch (TPA)
- Haas
- Band and Loop
- Hawley Retainers

AOA

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USA

AOA strives to bring the advantage of technology to the forefront of the orthodontic community. We have the ability to eliminate some of our technical hand bent processes for a one-piece* appliance, aiding in the fit and efficiency in delivering a high-quality appliance to your patient. At AOA we are not only looking out for your practice needs today, but also anticipating them for tomorrow. We are proud to offer a select number of appliances that are 3D metal printed.

* Band and Loops, Lingual Arches, Trans Palatal Arches and Nance Buttons

Although 3D printing seems to be new to some, it has been around for many decades. In some cases, it simplifies fabrication and can handle complex designs. The 3D printing process uses computer-aided design (CAD) software or 3D scanners to deposit material layer by layer in precise shapes until the appliance is formed or designed.

What is Additive Manufacturing or 3D Printing?

3D printing is a process that creates a three-dimensional object by building successive layers of raw material. Each new layer is attached to the previous one until the object is complete.

Mar 26, 2020 Source FDA



Printing Crowns and Bands

- Accurate crown and band fit due to 3D technology
- Reduced chair time - **no separator appointment needed.**

Benefits to Your Practice?

- Reduced Chair Time
- Accuracy of Fit - Due to 3D Technology
- Less Stress Points Due to One-Piece* Design
- Custom-Made to STL File
- Appliance Consistency

* Band and Loops, Lingual Arches, Trans Palatal Arches and Nance Buttons

Please Remember!

3D Metal printed portions of the appliances are not adjustable. If you would like to adjust the appliance chairside, order additional components in stainless steel or acrylic, i.e. Lingual Arch, Nance Button, TPA, Face Mask Hooks, .018 Single Buccal Tubes, .022 Single Buccal Tubes, Screws, Clasps, Labial Bow, etc.

