



# Fixed Expanders

Rapid Palatal Expanders from AOA are available in banded, stainless steel crown, acrylic or plastic pressure-formed styles. The traditional banded appliance requires bands properly seated on molars, or molars and first bicuspids. The "modified" design, with bands on only the molars, is the design of choice for patients with mixed dentition. AOA can provide and seat either bands or crowns.

A variety of screw assemblies are available from AOA. Our standard 11 mm double-guide pin unit is provided unless an alternative style is requested. If the Haas RPE is requested, a 10 mm acrylic-borne expansion screw is provided. Popular alternatives include the AOA Mini RPE and Ex-Spider™ fan expanders.

Adjuncts can be added for a wide variety of therapeutic purposes. These include reverse-pull facemask hooks, archwire tubes, habit cribs and debonding aids (with bonded appliances). Custom colors are also available for our acrylic bonded expanders.

With our fixed expanders, you will receive your choice of activation keys: either the safety strap or swivel stick key. You will also receive a reminder card indicating the total expansion capability and number of activation turns required for that amount of expansion.



AOA's standard Rapid Palatal Expansion screw provides 11 mm of expansion with the stability of double-guidepins. AOA inventories all the popular Palatal Expansion Screws.

Acrylic bondable expanders can be requested with Reverse-Pull Facemask Hooks, archwire tubes and a variety of other adjuncts.

Available in Pressure Formed materials.



The Ex-Spider Appliance offers anterior expansion without posterior widening. This unique assembly can be used in banded or acrylic appliances.



Haas Expander – This design includes the bicuspid and first molar bands with acrylic placed in the vault of the palate. The wire framework can be designed to include both buccal and lingual support wires.



AOA offers a "Mini" Rapid Palatal Screw for situations that would benefit from a physically smaller screw. The Mini still offers 11 mm of expansion capability and is extremely effective for the lower arch.

### What to send to AOA

An upper or lower model in quality orthodontic plaster or stone with a completed AOA Rx form. You may either forward the model with the bands seated, or forward the bands separately with the model in an envelope for AOA to seat on the model. AOA can provide and seat bands from our inventory if preferred. Please comment on the Rx if buccal attachments are required.

### COMMUNICATION CENTER

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