



AMERICAN ORTHO

EMPOWER SELF-LIGATING BRACES

The Empower line of brackets offers a wide variety of features, prescription choices and treatment possibilities in one unified system. Empower Clear brackets combine performance with patient-pleasing aesthetics, while Empower metal brackets provide self-ligating benefits in a comfortable, low-profile design.

American Orthodontics pioneered and patented the dual-activation system with Empower Self-Ligating Brackets. The innovative dual-activation system has multiple applications designed to enhance treatment philosophy. Using Empower and dual activation delivers time-saving benefits and ease of self-ligation while allowing patient treatment using the best of both interactive and passive systems.

Designed and engineered to deliver torque expression, tolerance tightness is maximized when Empower is coordinated with American Orthodontics' archwire. Matching in/out between interactive and passive designs means no first-order wire bending compensations.

Empower Dual Activation combines interactive brackets on anterior teeth with passive brackets on posterior teeth in one unified system.

The fully interactive system allows exceptional torque and rotation control during all phases of treatment. The interactive self-ligating system offers the benefits of less friction at the beginning of treatment and more control in the later stages for a precise finish.

The fully passive system allows lower friction sliding mechanics throughout treatment, because no wires are actively engaged by the clip.

HIGHLIGHTS

- Microetched maximum retention bonding pads **increase bond strength by 15–30%** over non-microetched pads.
- The **patented multipoint clip** helps seat wire into the slot during closure and adds a visual cue to confirm clip closure. The chamfered slot entrance reduces friction from wire binding.
- A **reliable, robust, thick clip** fully seats the wire and reduces clip deformation.