

EXACT BRACKET POSITIONING WITH SCIENTIFIC ACCURACY

A statistical analysis of hundreds of intact crowns was carried out to evaluate the differences of crown forms. The results of this study concluded with a standardized measurement for each tooth's crown.

Armed with these precise measurement and forms, the CROWN™ bracket base could be established, designed to conform to the shape of each individual tooth's crown. This enables you to use all visible four sides of the bracket to determine exact bracket position.

Visual Cues x 4 = Precision Bracket Placement

The CROWN™ bracket base is designed to conform to the shape of a each individual tooth's crown. This enables you to use the

Highest Precision in Prescription Transmission

Adenta's unique state-of-the-art milling techniques enable an ultra-precise slot with smallest possible tolerances, offering to you full torque and rotational control. At the end of the treatment, you will have achieved your optimum treatment goals.

Ultra Small In/Out

The CROWN™ bracket is a one-piece-milled bracket, no base pad is added and therefore offers an ultra small in & out. All adenta brackets feature an anatomical 3D curvature on the base providing a precise fit to the tooth.

True One-Piece-Bracket – No Separation Failures

No possibility of separation failure as the base and hooks are milled into the bracket, creating extra strength and durability

Superior adhesive retention

All adenta brackets offer superior adhesive retention, due to the mechanical undercuts in the bonding base of the CROWN™ Bracket. *

Micro-etched and sand-blasted integral bonding base with mechanical undercuts result on average in 20–40% higher bonding strength. Easy ligation meets high patient comfort Fast, easy, and secure ligation is possible due to the ample under-tie-wing area, plus offering an optimum situation for oral hygiene care. Optimum patient comfort can be achieved with our low profile and rounded tie wing corners.

Rated highest bond strength in clinical studies, all adenta bracket bases have been designed with very strong horizontal groves. This gives a high resistance against off bites/shear bond strength than mesh based bracket.

Easy Ligation Meets High Patient Comfort

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Torque-In-The-Base

It is preferable in a Straight-Wire-System to have a bracket with torque in the base. Our CROWN™ Bracket has both torque in the base and an enhanced anatomically formed base with 3D curvature. All our brackets are manufactured with a 000.6" tolerance p that is 5 x smaller than a human hair.