

# CROWN™ Bracket CROWN MINI™ Bracket



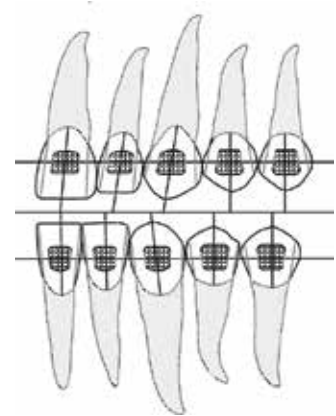
## Exact bracket positioning with scientific accuracy

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.

**Quick - Easy - Accurate**



USE

ALL

FOUR



SIDES

*real life - macro photo*  
**CROWN™ bracket base**



# The CROWN™ Bracket System

Quick, easy, and accurate bracket positioning, every time.

## One piece bracket

The CROWN™ bracket is a one-piece-milled bracket, no added base pad, eliminating separation failures



## Precise fit

All adenta brackets feature an anatomical 3D curvature on the base providing a precise fit to the tooth



## Torque-in-the-base

It is preferable in a Straight-Wire-System to have a bracket with torque in the base for optimum aesthetics



## Analysis of Crown forms

After extensive evaluation of intact crowns, a standardized crown form for every tooth based on the principle of a congruent form was determined with scientific accuracy



## High precision

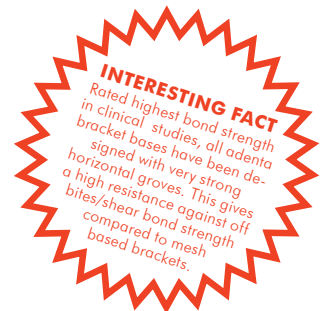
State-of-the-art CNC and CAD/CAM techniques enable tolerances within a thousandth of an inch.

That's 50% smaller than a human hair: Offering you the ultimate in precision for full control of torque and rotation

## Superior adhesive retention

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

\* study AJO v:124 Micro-etched and sand-blasted integral bonding base with mechanical undercuts result on average in 20–40% higher bonding strength



# The CROWN MINI™ Bracket System

All the benefits of the CROWN bracket system in a 20% more compact bracket

Ultra small - Ultra low profile - Ultra comfortable - Ultra attractive



“ Since I started using the CROWN™ bracket I have seen a drop in the number of visits we all get from de-bonded brackets, this bracket stays put even when one of my patients admitted to eating hard candy on Halloween. This bracket is easy to ligate and I have excellent torque and rotational control. My staff loves the shape of the base, it has really been an advantage during bonding, we now experience significantly less bonding mistakes. ” Dr. Loidl, Berlin, Germany

## CROWN™ BRACKETS Roth\*

UPPER	Torque	Ang	In/Out	Width	U - R .018	U - L .018	U - R .022	U - L .022
Central	12°	5°	0.84	2.85	105-11	105-21	155-11	155-21
Lateral	8°	9°	1.15	2.55	105-12	105-22	155-12	155-22
Cuspid	-2°	9°	0.60	2.90	105-13	105-23	155-13	155-23
Cuspid w hook	-2°	9°	0.60	2.90	105-13/H	105-23/H	155-13/H	155-23/H
1. Bicuspid	-7°	0°	0.68	2.95	105-14/25	105-14/25	155-14/25	155-14/25
1. Bicuspid w hook	-7°	0°	0.68	2.95	105-14/15/H	105-24/25/H	155-14/15/H	155-24/25/H
2. Bicuspid	-7°	0°	0.68	2.95	105-14/25	105-14/25	155-14/25	155-14/25
2. Bicuspid w hook	-7°	0°	0.68	2.95	105-14/15/H	105-24/25/H	155-14/15/H	155-24/25/H

LOWER	Torque	Ang	In/Out	Width	L - R .018	L - L .018	L - R .022	L - L .022
Anterior	-1°	0°	1.05	2.65	105-31/42	105-31/42	155-31/42	155-31/42
Cuspid	-11°	7°	0.56	2.90	105-43	105-33	155-43	155-33
Cuspid w hook	-11°	7°	0.56	2.90	105-43/H	105-33/H	155-43/H	155-33/H
1. Bicuspid	-17°	0°	0.54	2.95	105-44	105-34	155-44	155-34
1. Bicuspid w hook	-17°	0°	0.54	2.95	105-44/H	105-34/H	155-44/H	155-34/H
2. Bicuspid	-22°	0°	0.52	2.95	105-45	105-35	155-45	155-35
2. Bicuspid w hook	-22°	0°	0.52	2.95	105-45/H	105-35/H	155-45/H	155-35/H

HIGH TORQUE	Torque	Ang	In/Out	Width	Right .018	Left .018	Right .022	Left .022
Upper Central	17°	5°	0.59	2.60	105-11-17	105-21-17	155-11-17	155-21-17
Upper Lateral	10°	-8°	0.94	2.60	105-12-10	105-22-10	155-12-10	155-22-10
Lower Anteriors	-6°	0°	0.85	2.60	105-31/42-6	105-31/42-6	155-31/42-6	155-31/42-6

Cases-Singel tray or 10-case tray

1 case .018	10 case .018	1 case .022	10 case .022	Description
105-001	105-001/10	155-001	155-001/10	CROWN™ Bracket ROTH Upper + Lower 5-5
105-001/H	105-001/H/10	155-001/H	155-001/H/10	CROWN™ Bracket ROTH Upper + Lower 5-5 w. Hook on 3
105-001/H345	105-001/H345/10	155-001/H345	155-001/H345/10	CROWN™ Bracket ROTH Upper + Lower 5-5 w. Hook on 3-4-5

## CROWN™ BRACKETS MBT (McLaughlin/Bennett/Trevisi)\*

UPPER	Torque	Ang	In/Out	Width	U - R .018	U - L .018	U - R .022	U - L .022
Central	17°	5°	0.59	2.60	106-11	106-21	166-11	166-21
Lateral	10°	8°	0.94	2.60	106-12	106-22	166-12	166-22
Cuspid	-7°	8°	0.56	2.80	106-13	106-23	166-13	166-23
Cuspid w hook	-7°	8°	0.56	2.80	106-13/H	106-23/H	166-13/H	166-23/H
1. Bicuspid	-7°	0°	0.68	2.80	106-14/25	106-14/25	166-14/25	166-14/25
1. Bicuspid w hook	-7°	0°	0.68	2.80	106-14/15/H	106-24/25/H	166-14/15/H	166-24/25/H
2. Bicuspid	-7°	0°	0.68	2.80	106-14/25	106-14/25	166-14/25	166-14/25
2. Bicuspid w hook	-7°	0°	0.68	2.80	106-14/15/H	106-24/25/H	166-14/15/H	166-24/25/H

LOWER	Torque	Ang	In/Out	Width	L - R .018	L - L .018	L - R .022	L - L .022
Anterior	-6°	0°	0.85	2.60	106-31/42	106-31/42	166-31/42	166-31/42
Cuspid	-6°	3°	0.56	2.80	106-43	106-33	166-43	166-33
Cuspid w hook	-6°	3°	0.56	2.80	106-43/H	106-33/H	166-43/H	166-33/H
1. Bicuspid	-12°	0°	0.58	2.80	106-44	106-34	166-44	166-34
1. Bicuspid w hook	-12°	0°	0.58	2.80	106-44/H	106-34/H	166-44/H	166-34/H
2. Bicuspid	-17°	0°	0.60	2.80	106-45	106-35	166-45	166-35
2. Bicuspid w hook	-17°	0°	0.60	2.80	106-45/H	106-35/H	166-45/H	166-35/H

Cases-Singel tray or 10-case tray

1 case .018	10 case .018	1 case .022	10 case .022	Description
106-001	106-001/10	166-001	166-001/10	CROWN™ Bracket MBT Upper + Lower 5-5
106-001/H	106-001/H/10	166-001/H	166-001/H/10	CROWN™ Bracket MBT Upper + Lower 5-5 w. Hook on 3
106-001/H345	106-001/H345/10	166-001/H345	166-001/H345/10	CROWN™ Bracket MBT Upper + Lower 5-5 w. Hook on 3-4-5

\*The adenta version of this technique does not indicate endorsement by the doctor. They do not claim to be a duplication of any other.

## CROWN MINI™ BRACKETS Roth\*

UPPER	Torque	Ang	In/Out	Width	U - R .018	U - L .018	U - R .022	U - L .022
Central	12°	5°	0.59	2.60	105M-11	105M-21	155M-11	155M-21
Lateral	8°	9°	0.94	2.60	105M-12	105M-22	155M-12	155M-22
Cuspid	-2°	9°	0.50	2.80	105M-13	105M-23	155M-13	155M-23
Cuspid w hook	-2°	9°	0.56	2.80	105M-13/H	105M-23/H	155M-13/H	155M-23/H
1. Bicuspid	-7°	0°	0.56	2.80	105M-14/25	105M-14/25	155M-14/25	155M-14/25
1. Bicuspid w hook	-7°	0°	0.56	2.80	105M-14/15/H	105M-24/25/H	155M-14/15/H	155M-24/25/H
2. Bicuspid	-7°	0°	0.56	2.80	105M-14/25	105M-14/25	155M-14/25	155M-14/25
2. Bicuspid w hook	-7°	0°	0.56	2.80	105M-14/15/H	105M-24/25/H	155M-14/15/H	155M-24/25/H

LOWER	Torque	Ang	In/Out	Width	L - R .018	L - L .018	L - R .022	L - L .022
Anterior	-1°	0°	1.05	2.60	105M-31/42	105M-31/42	155M-31/42	155M-31/42
Cuspid	-11°	5°	0.56	2.80	105M-43	105M-33	155M-43	155M-33
Cuspid w hook	-11°	5°	0.56	2.80	105M-43/H	105M-33/H	155M-43/H	155M-33/H
1. Bicuspid	-17°	0°	0.54	2.80	105M-44	105M-34	155M-44	155M-34
1. Bicuspid w hook	-17°	0°	0.54	2.80	105M-44/H	105M-34/H	155M-44/H	155M-34/H
2. Bicuspid	-22°	0°	0.52	2.80	105M-45	105M-35	155M-45	155M-35
2. Bicuspid w hook	-22°	0°	0.52	2.80	105M-45/H	105M-35/H	155M-45/H	155M-35/H

HIGH TORQUE	Torque	Ang	In/Out	Width	Right .018	Left .018	Right .022	Left .022
Upper Central	17°	5°	0.59	2.60	105M-11-17	105M-21-17	155M-11-17	155M-21-17
Upper Lateral	10°	8°	0.94	2.60	105M-12-10	105M-22-10	155M-12-10	155M-22-10
Lower Anteriors	-6°	0°	1.05	2.60	105M-31/42-6	105M-31/42-6	155M-31/42-6	155M-31/42-6

Cases-Singel tray or 10-case tray

1 case .018	10 case .018	1 case .022	10 case .022	Description
105-001	105-001/10	155M-001	155M-001/10	CROWN MINI Bracket ROTH Upper + Lower 5-5
105-001/H	105-001/H/10	155M-001/H	155M-001/H/10	CROWN MINI Bracket ROTH Upper + Lower 5-5 w. Hook on 3
105-001/H345	105-001/H345/10	155M-001/H345	155M-001/H345/10	CROWN MINI Bracket ROTH Upper + Lower 5-5 w. Hook on 3-4-5

## CROWN MINI™ BRACKETS MBT (McLaughlin/Bennett/Trevisi)\*

UPPER	Torque	Ang	In/Out	Width	U - R .018	U - L .018	U - R .022	U - L .022
Central	17°	5°	0.59	2.60	106M-11	106M-21	166M-11	166M-21
Lateral	10°	8°	0.94	2.60	106M-12	106M-22	166M-12	166M--22
Cuspid	-7°	8°	0.50	2.80	106M-13	106M-23	166M-13	166M--33
Cuspid w hook	-7°	8°	0.56	2.80	106M-13/H	106M-23/H	166M-13/H	166M-23/H
1. Bicuspid	-7°	0°	0.56	2.80	106M-14/25	106M-14/25	166M-14/25	166M-14/25
1. Bicuspid w hook	-7°	0°	0.56	2.80	106M-14/15/H	106M-24/25/H	166M-14/15/H	166M-24/25/H
2. Bicuspid	-7°	0°	0.56	2.80	106M-14/25	106M-14/25	166M-14/25	166M-14/25
2. Bicuspid w hook	-7°	0°	0.56	2.80	106M-14/15/H	106M-24/25/H	166M-14/15/H	166M-24/25/H

LOWER	Torque	Ang	In/Out	Width	L - R .018	L - L .018	L - R .022	L - L .022
Anterior	-6°	0°	1.05	2.60	106M-31/42	106M-31/42	166M-31/42	166M-31/42
Cuspid	-6°	3°	0.50	2.80	106M-43	106M-33	166M-43	166M-33
Cuspid w hook	-6°	3°	0.56	2.80	106M-43/H	106M-33/H	166M-43/H	166M-33/H
1. Bicuspid	-12°	0°	0.50	2.80	106M-44	106M-34	166M-44	166M-34
1. Bicuspid w hook	-12°	0°	0.56	2.80	106M-44/H	106M-34/H	166M-44/H	166M-34/H
2. Bicuspid	-17°	0°	0.50	2.80	106M-45	106M-35	166M-45	166M-35
2. Bicuspid w hook	-17°	0°	0.56	2.80	106M-45/H	106M-35/H	166M-45/H	166M-35/H

Cases-Single tray or 10-case tray

1 case .018	10 case .018	1 case .022	10 case .022	Description
106M-001	106M-001/10	166M-001	166M-001/10	CROWN MINI™ Bracket MBT Upper + Lower 5-5
106M-001/H	106M-001/H/10	166M-001/H	166M-001/H/10	CROWN MINI™ Bracket MBT Upper + Lower 5-5 w. Hook on 3
106M-001/H345	106M-001/H345/10	166M-001/H345	166M-001/H345/10	CROWN MINI™ Bracket MBT Upper + Lower 5-5 w. Hook on 3-4-5

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