

REASONS TO CHOOSE THE NEW  
INTEGRA LOW PROFILE APPLIANCE.

#4

smooth surface  
for patient  
comfort

permanent identification

tie wing - designed  
for easy ligation

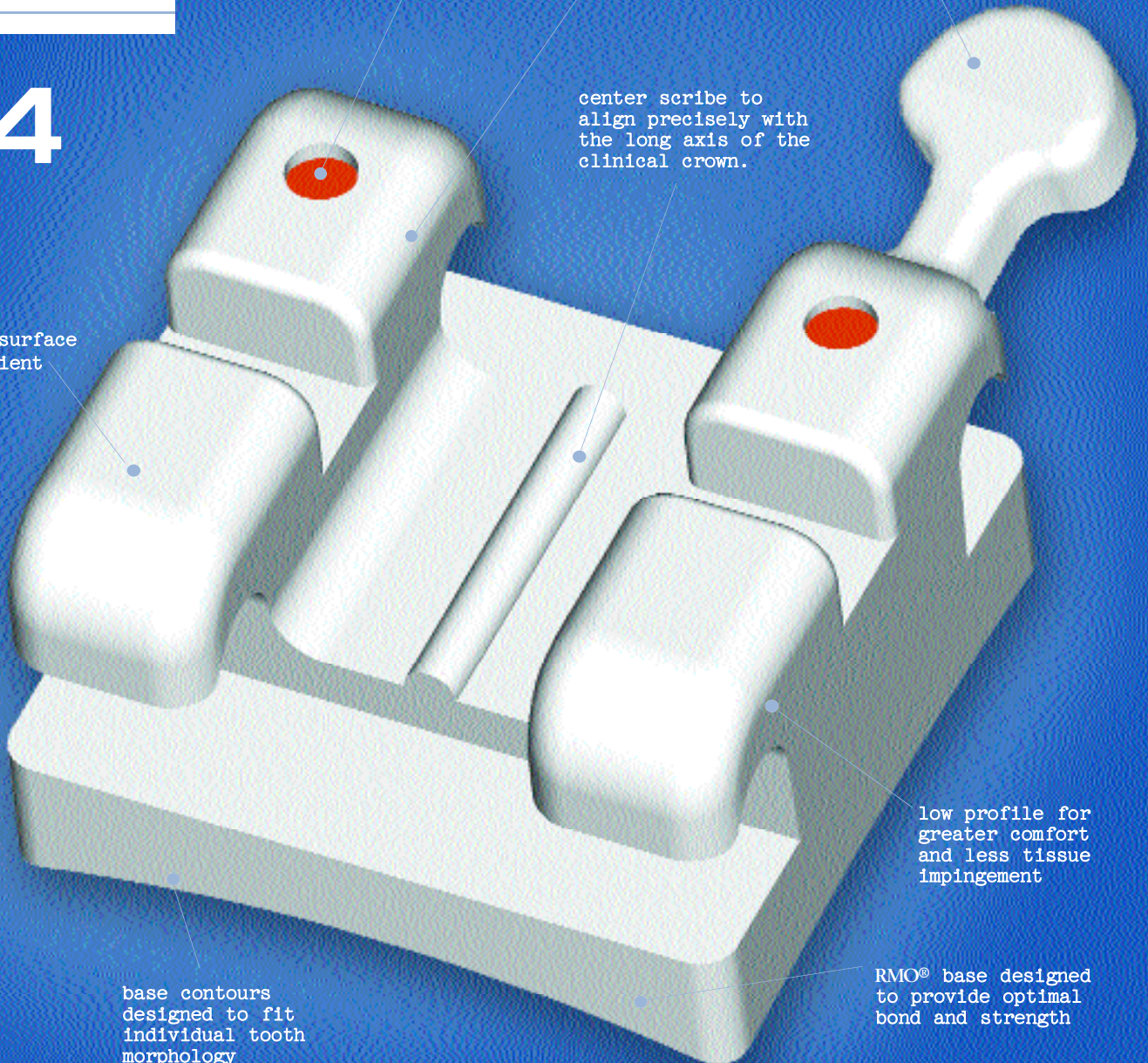
integral hook

center scribe to  
align precisely with  
the long axis of the  
clinical crown.

low profile for  
greater comfort  
and less tissue  
impingement

base contours  
designed to fit  
individual tooth  
morphology

RMO® base designed  
to provide optimal  
bond and strength



# INTEGRA™ ORDERING INFORMATION



## ROTH INTEGRA LOW PROFILE BRACKET

### Maxillary Brackets

Angulation	Torque	Rotation	Width	.018 Arch Slot Right/Left		.022 Arch Slot Right/Left	
Central							
5°	12°		3.61mm	R: <b>M09100</b>	L: <b>M09101</b>	R: <b>M09200</b>	L: <b>M09201</b>
Lateral							
9°	8°		2.95mm	R: <b>M09102</b>	L: <b>M09103</b>	R: <b>M09202</b>	L: <b>M09203</b>
Cuspid							
10°	2°	4°M0	2.95mm	R: <b>M09104</b>	L: <b>M09105</b>	R: <b>M09204</b>	L: <b>M09205</b>
With hook				R: <b>M09106</b>	L: <b>M09107</b>	R: <b>M09206</b>	L: <b>M09207</b>
First/Second Bicuspid							
0°	-7°	2°D0	2.95mm	R: <b>M09108</b>	L: <b>M09109</b>	R: <b>M09208</b>	L: <b>M09209</b>
With hook				R: <b>M09110</b>	L: <b>M09111</b>	R: <b>M09210</b>	L: <b>M09211</b>

### Mandibular Brackets

Angulation	Torque	Rotation	Width	.018 Arch Slot Right/Left		.022 Arch Slot Right/Left		
Central/Lateral								
0°	-1°		2.34mm	R/L <b>M09120</b>		R/L <b>M09220</b>		
Cuspid								
7°	-11°		2.95mm	2°M0	R: <b>M09122</b>	L: <b>M09123</b>	R: <b>M09222</b>	L: <b>M09223</b>
With hook					R: <b>M09124</b>	L: <b>M09125</b>	R: <b>M09224</b>	L: <b>M09225</b>
First Bicuspid								
0°	-17°		2.95mm	4°D0	R: <b>M09126</b>	L: <b>M09127</b>	R: <b>M09226</b>	L: <b>M09227</b>
With hook					R: <b>M09128</b>	L: <b>M09129</b>	R: <b>M09228</b>	L: <b>M09229</b>
Second Bicuspid								
0°	-22°		2.95mm	4°D0	R: <b>M09130</b>	L: <b>M09131</b>	R: <b>M09230</b>	L: <b>M09231</b>
With hook					R: <b>M09132</b>	L: <b>M09133</b>	R: <b>M09232</b>	L: <b>M09233</b>

### KITS Roth Single Case, 20 Brackets

<b>KM09100</b>	.018 without hook, 5-5	<b>KM09200</b>	.022 without hook, 5-5
<b>KM09101</b>	.018 hook on cuspid, 5-5	<b>KM09201</b>	.022 hook on cuspid, 5-5
<b>KM09102</b>	.018 hook on cuspid/bicuspid, 5-5	<b>KM09202</b>	.022 hook on cuspid/bicuspid, 5-5

## STANDARD EDGEWISE INTEGRA LOW PROFILE BRACKET

### Maxillary Brackets

Angulation	Torque	Rotation	Width	.018 Arch Slot Right/Left		.022 Arch Slot Right/Left	
Central							
0°	0°		3.6mm	R/L <b>M09000</b>		R/L <b>M09010</b>	
Lateral							
0°	0°		2.9mm	R/L <b>M09001</b>		R/L <b>M09011</b>	
Cuspid/Bicuspid							
0°	0°		2.9mm	R/L <b>M09002</b>		R/L <b>M09012</b>	
With hook				R: <b>M09004</b>	L: <b>M09005</b>	R: <b>M09014</b>	L: <b>M09015</b>

### Mandibular Brackets

Angulation	Torque	Rotation	Width	.018 Arch Slot Right/Left		.022 Arch Slot Right/Left	
Central/Lateral							
0°	0°		2.3mm	R/L <b>M09006</b>		R/L <b>M09016</b>	
Cuspid/Bicuspid							
0°	0°		2.9mm	R/L <b>M09002</b>		R/L <b>M09012</b>	
With hook				R: <b>M09005</b>	L: <b>M09004</b>	R: <b>M09015</b>	L: <b>M09014</b>

### KITS Standard Edgewise Single Case, 20 Brackets

<b>KM09000</b>	.018 without hook, 5-5	<b>KM09010</b>	.022 without hook, 5-5
<b>KM09001</b>	.018 hook on cuspid, 5-5	<b>KM09011</b>	.022 hook on cuspid, 5-5
<b>KM09002</b>	.018 hook on cuspid/bicuspid, 5-5	<b>KM09012</b>	.022 hook on cuspid/bicuspid, 5-5

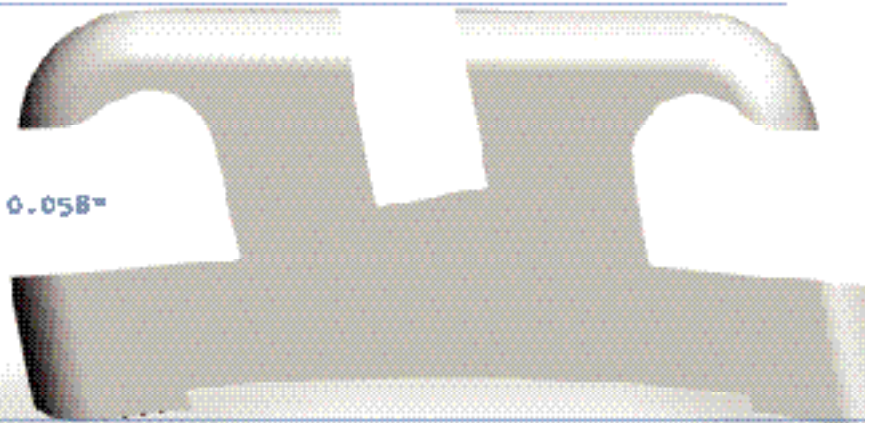
# INTEGRA™

THE LOWEST PROFILE BRACKET APPLIANCE.

Competitor 2

Competitor 1

The lowest profile: 0.058"

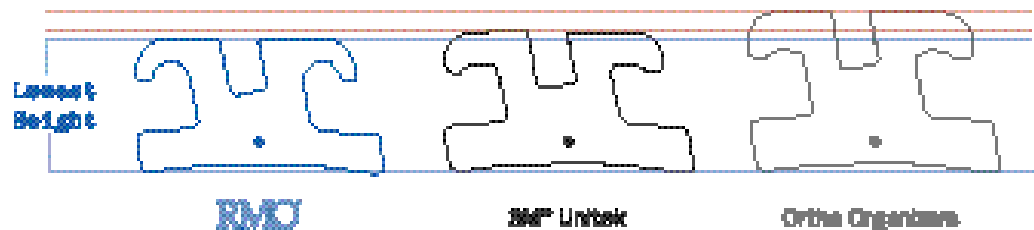


REASONS TO CHOOSE THE NEW  
INTEGRA LOW PROFILE APPLIANCE.



RMO'S NEW LOW PROFILE BRACKET APPLIANCE SYSTEM IS INTEGRA. THIS SMALL, RHOMBOID DESIGNED BRACKET IS TOTALLY INTEGRATED. THE COMPLETE BRACKET, INCLUDING THE BASE, IS MOLDED AS ONE UNIT AND IS MANUFACTURED USING METAL INJECTION MOLDING (MIM). RMO PIONEERED THE MIM MANUFACTURING PROCESS IN ORTHODONTICS AND IS THE LEADER IN THE FIELD.

RMO set out to manufacture its Integra line of low profile brackets with two major objectives: 1) design a bracket with as low a height as possible and 2) achieve a bond strength equivalent to the mesh base used for Synergy and Mini-Taurus. RMO scientists evaluated the Integra Roth design in comparison to competitor one-piece brackets that were either machined or produced by metal injection molding (MIM). Results are shown in below figure and figure B.



Integra has the lowest profile compared to competitor products. The figure illustrates the low Integra bracket height compared to other products.

\*3M is a registered trademark of Unitek.

Since the bracket-to-adhesive bond is strong, more adhesive remains attached to the bracket during debonding, minimizing clean up. During debonding a "peel" type force is used just like with mesh bases. The molded base is designed to match precisely to the curvature of the tooth morphology for maximum contact and strong, consistent bonding. The vertical scribe line aligns precisely with the crown long axis, simplifying accurate bracket placement.

## LOW PROFILE

Integra is the lowest profile bracket available today. The chart above illustrates the heights of leading bracket systems—Integra is the lowest. The low profile increases patient comfort and provides improved aesthetics. This low profile design is due to extensive research and development using computer-aided modeling combined with state-of-the-art metal injection molding (MIM) manufacturing. This allows combining the bracket and base into one unit which reduces the overall height.

Some manufacturers compromise the prescription, specifically the in and the out, to lower the height of the bracket. Integra incorporates the exact prescription for all techniques.

Ample space has been incorporated under the tie wings to assure easy ligation and elastic chains, which is unique in a low profile bracket. The smooth labial surfaces due to MIM manufacturing, reduce soft tissue irritation and also add to patient comfort. Integra has a permanent marking system molded into each bracket for easy identification.

REASONS TO CHOOSE THE NEW  
INTEGRA LOW PROFILE APPLIANCE.



Integral design eliminates  
bracket and base separation



Patented bonding  
base for band  
strength



Flat wing to eliminate  
tissue impingement



Permanent  
markings for easy  
identification



Center scribe for  
ease-of-placement



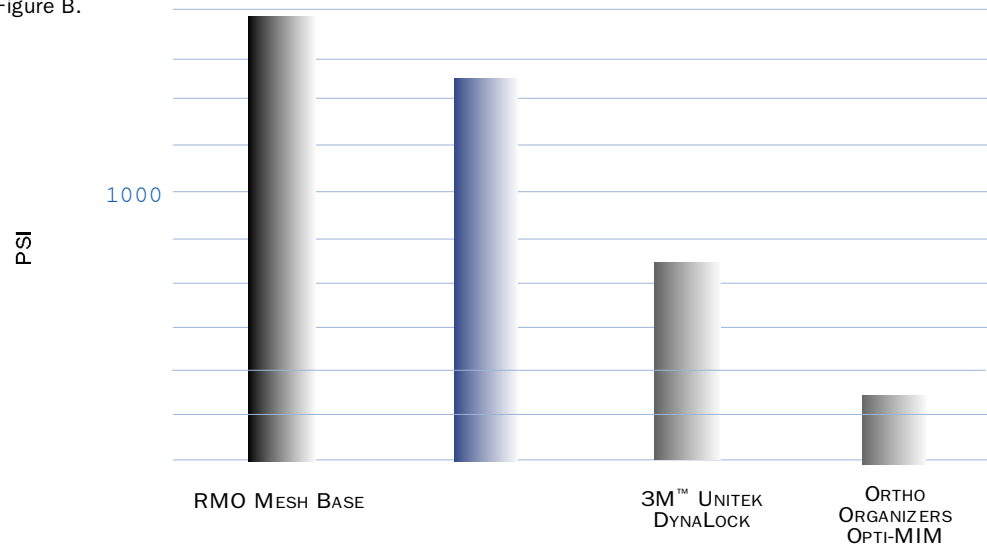
Low profile for  
patient comfort

REASONS TO CHOOSE THE NEW  
INTEGRA LOW PROFILE APPLIANCE.

#3

## STRENGTH OF RMO INTEGRA VS. COMPETITOR ONE-PIECE BRACKETS

Figure B.



RMO uses its patented base design and processing methods to produce a bond strength that not only approaches a mesh base, but is also higher than competitor products. The figure shows the bond strength similarity between Integra and RMO mesh base brackets. Also, the figure shows that Integra bond strength is greater than other products.

### INTEGRAL CONSTRUCTION

Molding the bracket as one unit results in a stronger integral appliance. The built-in wings, hooks and base result in precision orthodontic control. The integral bonding pad eliminates bracket from base separation, which makes the bracket stronger than welding or brazing methods. The integral ball hooks on cuspids and bicuspids add to the overall strength and precision and allow for simultaneous use of auxiliaries.

### BONDING BASE

The unique, patent pending, "RMO" molded pattern-bonding surface, assures an excellent bond. The base has deeply-molded undercuts that grip adhesive for exceptional bonding. This unique bonding base combined with a proprietary manufacturing process creates the ideal bond strength. Extensive laboratory bond testing and clinical bond testing show that the "RMO" base design allows for superb bracket-to-adhesive bonding, making the bond stronger where it needs to be to prevent bond failure during treatment.

### SUPERIOR FUNCTION

The Integra bracket delivers an unbeatable combination of superior function, patient comfort and superb bonding in an integral appliance system. Quality and consistent finishing are the results.