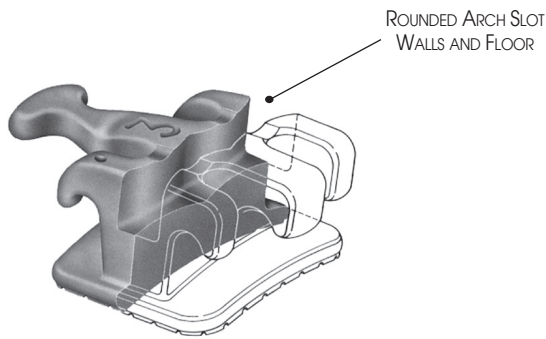


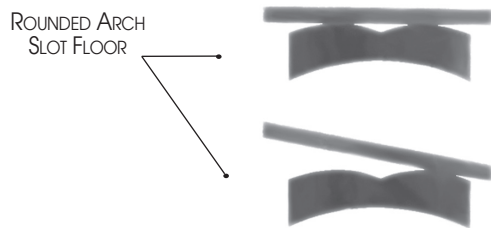
SYNERGY®

THE REDUCED FRICTION APPLIANCE SYSTEM.

REDUCED FRICTION, MULTIPLE LIGATING OPTIONS, AND ARCH SLOT DESIGN IMPROVEMENTS RESULT IN A MORE EFFICIENT AND ADAPTABLE APPLIANCE SYSTEM.



Synergy®'s rounded arch slot walls reduce binding and friction, giving a gentler, more continuous force. Treatment time is faster and is more comfortable for the patient.



Synergy®'s rounded arch slot floor reduces friction since the arch wire contacts the floor at only two points.



Synergy® is available with or without integral hooks. Synergy® has permanent molded markings in addition to ink markings.

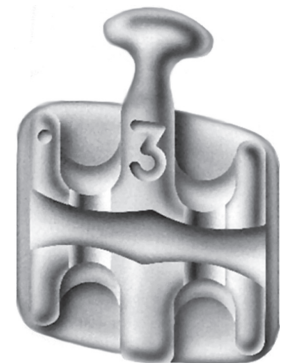


FRICITION SELECTION CONTROL®



Take control of your treatment with Friction Selection Control® (FSC®). Synergy®'s FSC® ligation options deliver maximum tooth-by-tooth control throughout the entire course of treatment.

Synergy® is manufactured in the metal injection molding process (MIM) - resulting in the strongest, smoothest, most rounded appliance available. Several university research studies have shown Synergy® can dramatically reduce friction, appointment intervals, and overall treatment time compared to conventional brackets.

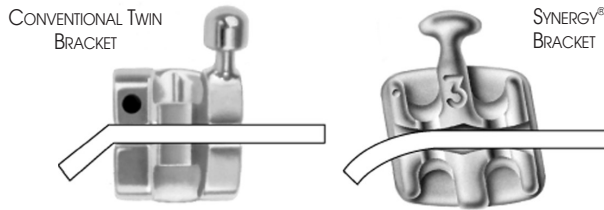


ADVANTAGES:

- Reduced Friction • FSC® - Multiple Ligating Options
- Reduced Treatment Time • Rounded Arch Walls
- Rounded Arch Floor • Low Profile • More Comfortable for Patient

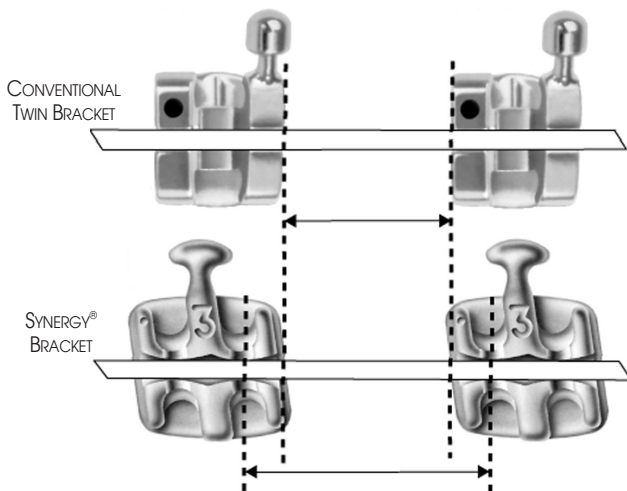


GENTLER ARCHWIRE DEFLECTION



Rounded arch walls allow tangential contact of the arch wire and flared arch slot openings, thus avoiding binding and kinking as the arch wire enters or exits the arch slot. This feature also makes it easier to insert the arch wire into the arch slot.

INCREASES THE EFFECTIVE INTERBRACKET DISTANCE



INDEPENDENT RESEARCH

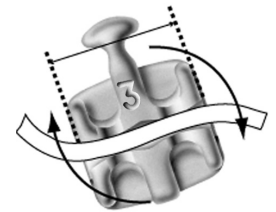
Independent research at the University of Oklahoma Health Sciences Center, Department of Orthodontics*, compared friction and arch wire binding between Synergy® and competitive brackets. The results clearly demonstrate the superiority of RMO®'s Synergy® bracket system.

*Randall Ogata, D.D.S.

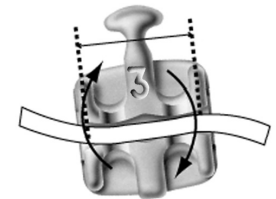
Graph shows typical results obtained in trials of RMO®'s Synergy® bracket system when compared with other popular bracket systems. Results indicate relative sliding friction at a second order deflection of 1.25mm using a .017" x .025" stainless wire. The advantages of Synergy®'s unique design are even more pronounced at lesser deflections!

CORRECTIVE FORCES ARE PROPORTIONAL TO THE MALPOSITION OF THE TOOTH

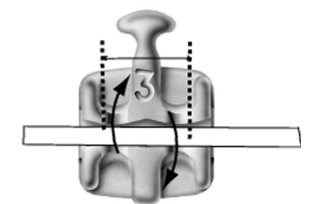
At the beginning of treatment, maximum deflection of the arch wire produces maximum corrective angulation movement. Maximum effectivity of arch wire is utilized.



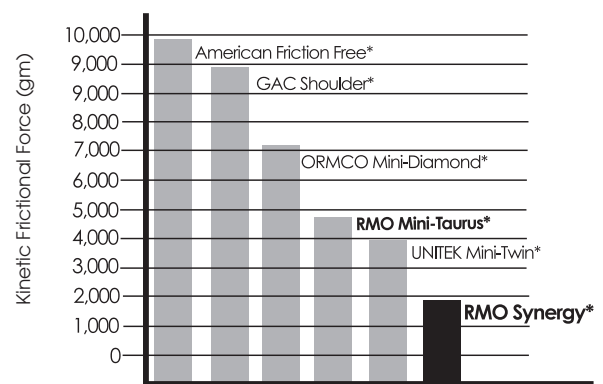
As teeth move towards their desired position in terms of angulation and torque, corrective forces lessen as tangential contact points move inward. Intermediate corrective movement forces are achieved.



Corrective forces gradually dissipate as teeth move into their final fully treated position. This gentle 'unwinding' of forces provides ideal biologic positioning, enhances stability, and reduces the likelihood of relapse.



Corrective forces of the arch wire are in proportion to the malposition of the tooth, and diminish as the tooth approaches its ideal position.



*Trade names of bracket systems listed are protected by the respective manufacturers.

