



Synergy® Systems

P00761 Rev. A



RMO®
rocky mountain orthodontics

S Y N E R G Y[®]
Friction Selection Control[®]

- Small, smooth, comfortable
- Bracket design results in reduced treatment time
- Choose your favorite color ligatures



Synergy enables orthodontic wires

to reach their full potential. The wire needs to slide smoothly through the brackets during alignment in order to reach its full biomechanical potential. Friction is the greatest inhibitor of tooth movement. Friction can reduce the effectiveness of braces by 70% and it can even prevent certain movements.

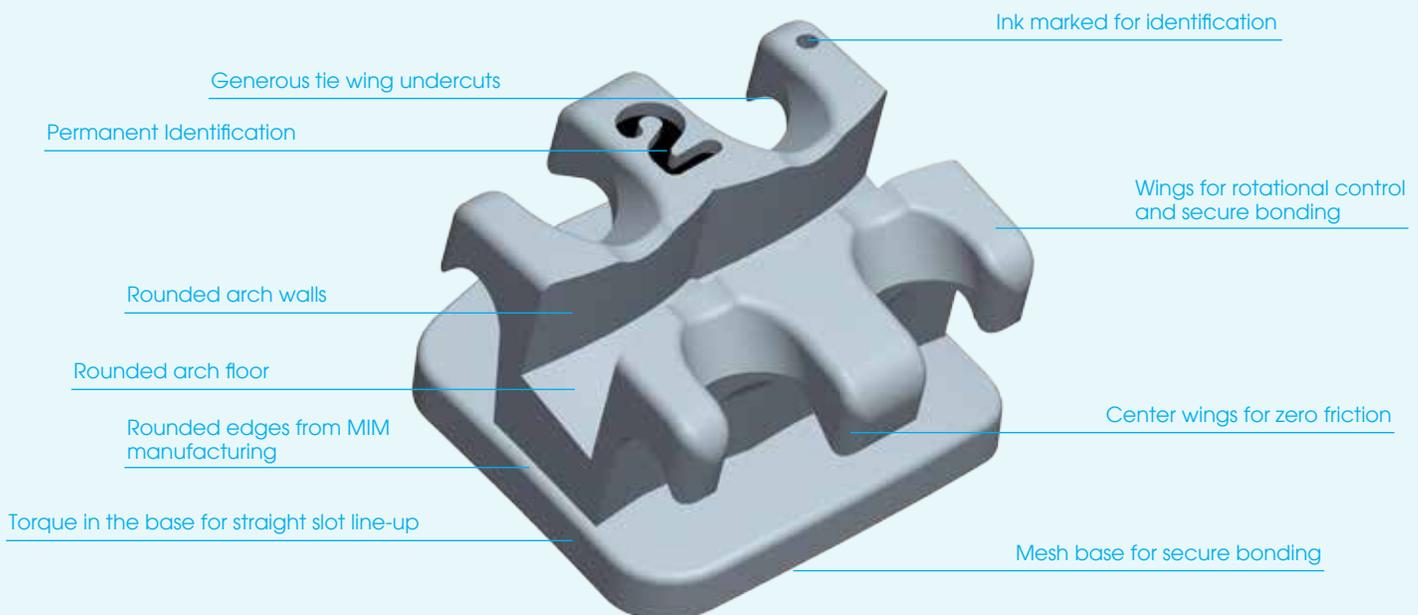
The Synergy bracket, enables the new generation of super-elastic wires Thermaloy[®] (heat-activated) and Bendaloy[®] (bendable titanium-molybdenum) to express their full potential.

Super-elastic wire has been one of the greatest advances in orthodontics in the last ten years -

allowing light and consistent force for a long period of time. Super-elasticity improves tooth movement by encouraging alveolar bone growth. Super-elastic and thermoelastic wires simplify biomechanics and permit 6-8 week patient visits.

Synergy is the only bracket that has selective friction control, tooth-by-tooth, over the entire course of treatment. Synergy controls the amount of low friction during alignment and uses friction for control during the finishing stages.

Synergy brackets, when combined with Thermaloy and Bendaloy super-elastic wires, make a dynamic synergistic effect!



SWLFSYNERGY R®

Friction Selection Control®

- Independent research confirms reduced treatment time
- Enhanced design - use with or without colored ligatures
- Faster and more precise results compared to other self ligating systems

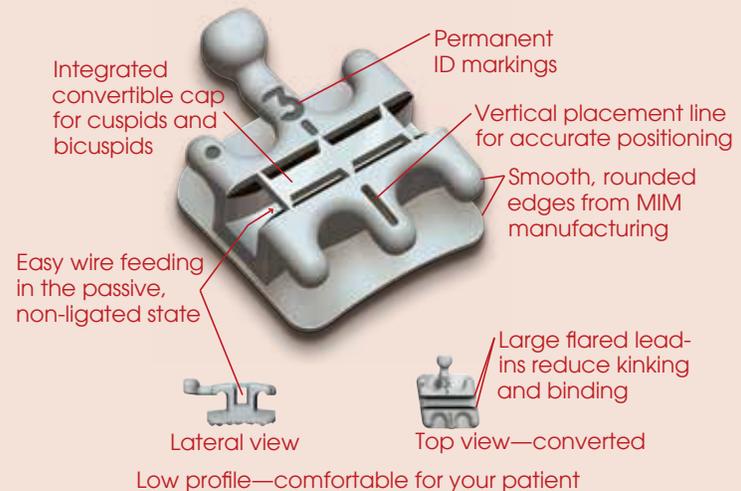


The Best Just Got Better

RMO®'s SWLF (Straight Wire Low Friction) Synergy R® bracket represents the latest development in low friction systems, passive when you want it, total control when you need it. No clips, no doors, and no failures. SWLF Synergy R combines the simplicity and ease of self-ligating bracket design with the flexibility and advanced performance of Synergy's Friction Selection Control (FSC) modes. SWLF Synergy R provides minimal friction and rapid wire changeout, with cuspid and bicuspid brackets that can be converted into traditional Synergy style brackets at any time during treatment. Clinically tested and proven effective, SWLF Synergy R is designed, engineered, and manufactured with pride in the USA.

Features and benefits include:

- Cuspid and bicuspid brackets feature an integrated convertible cap
- Can reduce treatment time and appointment intervals
- No moving parts—no broken clips, doors, or slides
- Large flared lead-ins reduce kinking and binding
- Low profile—comfortable for your patient
- Convert to a standard Synergy style bracket at any time for advanced FSC modes
- Consistent cap conversion strength - no undesired conversions
- Rounded underwing clearance promotes easy ligation when converted
- Permanent ID markings with vertical placement line for accurate positioning
- Metal-Injection-Molding (MIM) for consistent tolerances and smooth corners



SYNERGY®

Friction Selection Control®

FSC® delivers maximum tooth-by-tooth control throughout the entire course of treatment



"Reduced Friction" mode for enhanced sliding mechanics. Especially effective during the 1st phase of treatment.



"Moderate Rotation" for basic rotational control. Especially effective for rotating cuspids.



"Maximum Rotation" for better rotational control. Especially effective for rotating cuspids.



"Conventional Control" for tooth management where and when you need it.



"Maximum Control" for maximum control and anchorage. Great for finishing with larger wire sizes.

Synergy (sin-er-jee) : is the combination...



...of two or more things that creates an effect...



...which is greater than the sum of the individual parts.