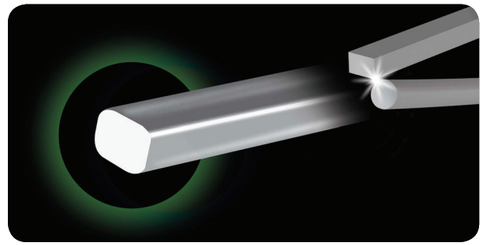
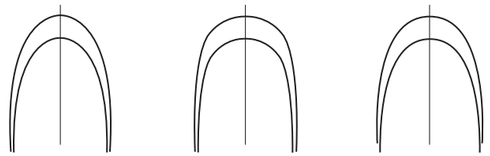
SmartClip™
SELF-LIGATING APPLIANCE SYSTEM

HYBRID RECTANGULAR ARCHWIRE





Wire sizes and types are easily identified with hygienic single-use packaging.
Available in Unit of Use packaging only. 10 units per package.

Dimension	Alloy Type*	U/L	OrthoForm™ I Tapered	OrthoForm™ II Square	OrthoForm™ III Ovoid
.017 x .025 ■ Hybrid	SS	U	9293-889	9293-891	9293-893
	SS	L	9293-890	9293-892	9293-894
.017 x .025 ■ Hybrid Dimpled	SE	U	9293-877	9293-879	9293-881
	SE	L	9293-878	9293-880	9293-882
	NC	U	9293-883	9293-885	9293-887
	NC	L	9293-884	9293-886	9293-888
.018 x .025 ■ Hybrid	SE	U	9293-903	9293-905	9293-907
	SE	L	9293-904	9293-906	9293-908
	NC	U	9293-909	9293-911	9293-913
	NC	L	9293-910	9293-912	9293-914
	SS	U	9293-915	9293-917	9293-919
	SS	L	9293-916	9293-918	9293-920
.019 x .025 ■ Hybrid	NC	U	9293-951	9293-953	9293-955
	NC	L	9293-952	9293-954	9293-956
	SS	U	9293-957	9293-959	9293-961
	SS	L	9293-958	9293-960	9293-962
.021 x .025 ■ Hybrid	SE	U	9293-931	9293-933	9293-935
	SE	L	9293-932	9293-934	9293-936
	SS	U	9293-943	9293-945	9293-947
	SS	L	9293-944	9293-946	9293-948

*NC (Nitinol Classic). SE (Nitinol Super Elastic). SS (Stainless Steel)

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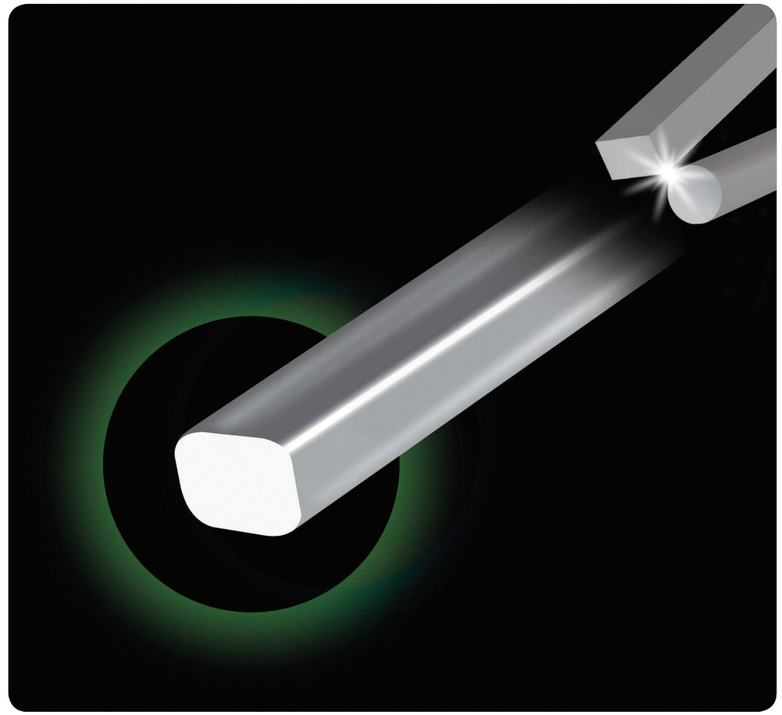
SmartClip™
SELF-LIGATING APPLIANCE SYSTEM

HYBRID RECTANGULAR ARCHWIRES

ROUNDED CONTOUR WIRES FOR ENHANCED PERFORMANCE



- Use in all instances where standard rectangular wires are used
- Contoured surface area improves sliding mechanics
- Hybrid wire shape facilitates insertion into appliances

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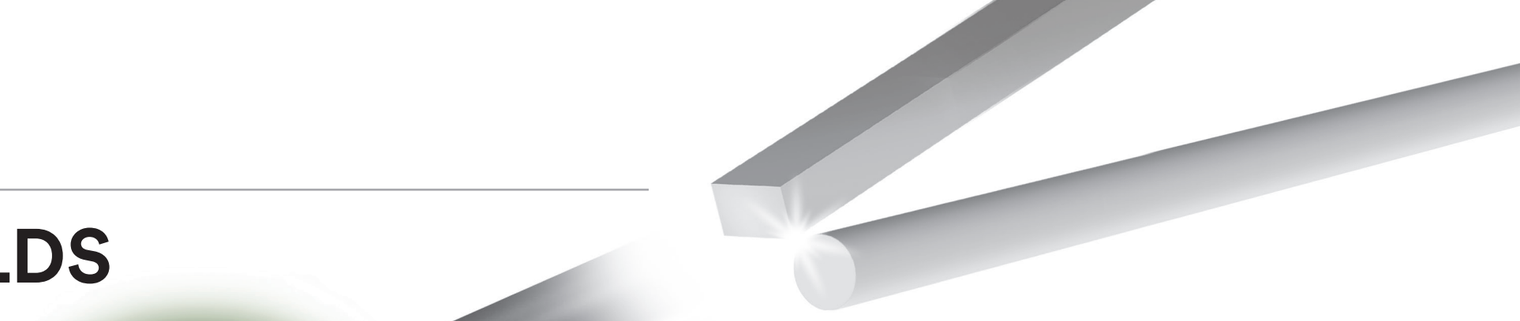
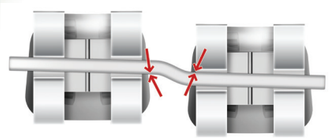
THE BEST OF BOTH WORLDS IN A HYBRID WIRE



A BETTER COMBINATION

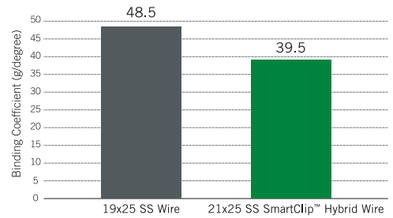
Archwire working force, patient comfort and ease of engagement/disengagement have come together in 3M SmartClip™ Hybrid Rectangular Archwires. By precisely rounding the corners of standard rectangular archwires, SmartClip Hybrid Rectangular Archwires blend the power of a rectangular wire with the reduced binding of a round wire. The hybrid archwire design enhances archwire sliding mechanics and results in improved engagement/disengagement.



Contact angles (red arrows) create binding

LESS BINDING FOR BETTER SLIDING PERFORMANCE

The rounded edges of the SmartClip Hybrid Rectangular Archwire reduce binding and notching and improve sliding performance without compromising archwire integrity.



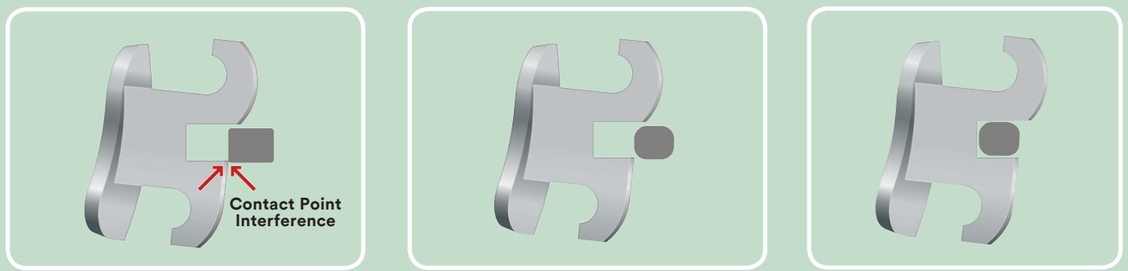
Source: 3M lab

With a reduction of the coefficient of binding inherent in SmartClip Hybrid Archwires, retraction mechanics are enhanced and are more effective.

FACILITATES WIRE ENGAGEMENT

Unlike the standard rectangular archwires, SmartClip Hybrid Rectangular Archwires present a more radiused corner that is less likely to result in a positive stop when engaging an archwire into the slot. Importantly, the hybrid archwires have a greater tolerance for misalignment of the wire to the bracket slot, and is less likely to encounter contact point interference on engagement.

Wire Insertion into Upper Lateral Brackets



Standard Rectangular Wire | Hybrid Wire | Hybrid Wire

Compared to standard rectangular wire, the shape of SmartClip Hybrid Rectangular Archwire provides more tolerance in the wire alignment to the bracket slot without encountering contact point interference (arrows).

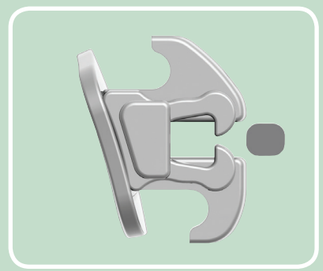
NO NEED TO SACRIFICE TORQUE

SmartClip Hybrid Archwires are offered in a selection of sizes to match your torque requirements, based on optimal slot and archwire interaction. As a result you can achieve similar torque expression with SmartClip Hybrid Rectangular Archwires that you are now achieving with standard rectangular archwires.

A WIRE TO MEET YOUR NEEDS

Truly an archwire to meet all of your needs, the SmartClip Hybrid Rectangular Archwire can be used at any point in the working and finishing stages of treatment. Incorporating the SmartClip Hybrid Rectangular Archwire into your treatment progression can enhance ease of use, reduce binding and can improve patient comfort – a winning combination for your practice and your patients.

WORKS GREAT WITH SMARTCLIP™ SELF-LIGATING APPLIANCES



The Hybrid Archwire offers lower disengagement forces when using SmartClip Self-Ligating Appliances.