10 REASONS TO CHOOSE THE V3 SYSTEM

UNIVERSAL V3 RING

SUPERCURVE MATRIX

V3 TAB-MATRIX™

WAVE-WEDGE™

WEDGEGUARD

V-WEDGE

PIN-TWEEZERS and FORCEPS

1 Wide Indications for Use

The innovative V-shaped tines on the V3 Ring™ are designed to prevent collapsing into wide cavities. The ring even works when a cusp is missing. Other rings, including ones with silicone tips, do not have the same versatility. The ring comes in two sizes – for large and small teeth – for extra versatility.

2 Tight Contacts

The entire V3 Sectional Matrix System was designed to produce easily and consistent, tight contacts. It is among the simplest and most accurate matrix solutions on the market.

3 System Compatibility

The V-shaped of the ring tines means there is no competition between the ring and the wedge in the interproximal space. In fact, a wedge can even be inserted from the opposite side with the V3 Ring already in place. The WedgeGuard interproximal shield prevents bur damage to the papilla and adjacent tooth, and is specially designed to be fully compatible with the V3 System.

4 Long-Lasting Construction

The V3 Ring, with its glass-fiber reinforced plastic tines, is fully steam-autoclavable, hard-wearing, and long-lasting.

5 Anatomically Correct and Stable Design

The V3 Ring tines are shaped to closely match the anatomy of the buccal and lingual surfaces of posterior teeth for exceptional retention and a superior seal on the vertical margins. The tines grip wet or dry teeth and won't jump off the tooth partway through a procedure. The tines also create an ideal cavity form which saves time spent on finishing. The built-in grooves on the plastic inner part of the ring ensure great stability when used with Triodent™ forceps whether the ring is placed mesially or distally.

6 NiTi Construction

The V3 Ring is made from nickel-titanium (NiTi), which has more elasticity than other metals. Its advantages over stainless steel rings include its memory, so it continues to return to its original position.

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V3 System

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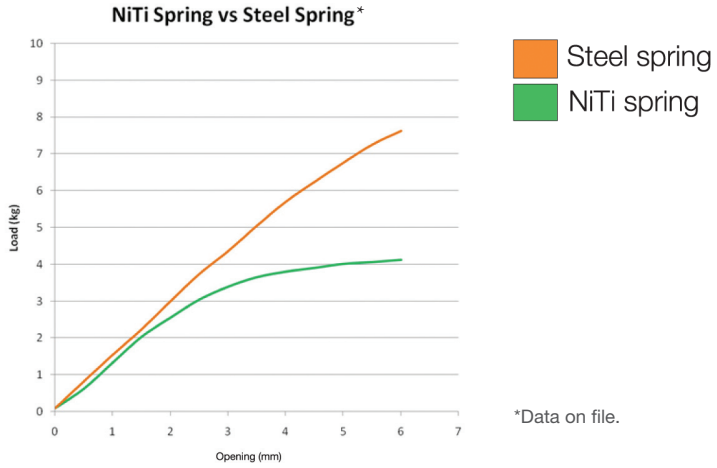
Gives consistant tooth separation force

A serendipitous feature of NiTi is that, being pseudo-elastic, it doesn't follow Hooke's Law of Elasticity. Hooke's Law states that the extension of a spring is in direct proportion to the load added to it, within its elastic range. Stainless steel springs follow Hooke's Law, exerting increasing pressure the wider the ring separation, so optimal force is largely hit or miss. The force exerted by the NiTi V3 Ring flattens out the more it is extended, so the force remains consistent on large and small teeth, exerting the optimum amount of pressure in every case, resulting in consistently tight contacts. The V3 Ring functions comfortably under the optimal force over a 5 mm range. Steel springs, meanwhile, generally exert the optimum force over little more than 1 mm of separation (see graph).



*Data on file.

V3 SYSTEM

Scan for video
or go to
ultradent.com/v3system

8

Allows for Multiple Restorations

The V3 Ring is easy to stack because of the spring angle relative to the occlusal plane. It is great for MODs and multiple restorations, and works both mesially and distally.

9

Wave-Wedges

The "wave" shape of Wave-Wedges makes the wedge self-locating and self-locating and self-seating, and it adapts better to the interproximal space for a superior seal. Unlike other wedges, the Wave-Wedge has a central concavity that protects the gingival papilla. That concavity also means the wedges are easily stackable, so you can insert them effortlessly from both the lingual and buccal sides during the same procedure. Triodent wedges and matrices have both been designed with holes to fit Triodent's Pin-Tweezers for unmatched maneuverability and security, and easy insertion and removal.

10

Minimal Finishing

When the V3 Tab-Matrix band is removed, the job is almost done. This is because the V3 Tab-Matrix's anatomical shape, including a rolled marginal ridge, allows for minimal finishing. Other brands of matrices do not produce the same accuracy in replicating the anatomical shape of the tooth, so more time is spent on sometimes difficult finishing. The SuperCurve Matrices in the V3 System also fit all tooth sizes, from the largest to the smallest.

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