

## The Vortex Blue<sup>®</sup> Family of Products

Known for their shape memory, standard NiTi files continually try to revert to their original straight state. The proprietary processing of Vortex Blue rotary files reduces shape memory. Once in the canal, Vortex Blue follows the natural curvature of the tooth.

### Greater resistance to cyclic fatigue

Cyclic fatigue is the leading cause of file separation<sup>1</sup>. Vortex Blue rotary files offer a remarkable leap forward in resistance to cyclic fatigue<sup>2</sup>. The numbers say it all:

- Minimum of 65% improvement in cyclic fatigue resistance over M-Wire<sup>®</sup> NiTi<sup>2</sup>
- Minimum of 99% improvement in cyclic fatigue resistance over standard NiTi. (Maximum results up to 353% better.<sup>2</sup>)

It's a new standard in durability for shaping curved canals with confidence.

### Increased torque strength

In rotary file design, increased cyclic fatigue resistance usually comes with a trade-off in torque strength. Vortex Blue rotary files are different. In addition to significantly greater resistance to cyclic fatigue, they offer at least a 42% higher peak torque strength increase over M-Wire NiTi<sup>2</sup> (Maximum results up to 126% better). That's strength you can count on.

It's more than a shade better. It's the color of optimum performance – with greater resistance to cyclic fatigue, increased torque strength and reduced shape memory while conforming to natural curvatures.



Request an In-Office Demo

<sup>1</sup> Ya Shen, Gary Shun-pen Cheung, Zbuzhan Bian, Bin Peng. Comparison of Defects in ProFile and ProTaper Systems after Clinical Use. Journal of Endodontics, Vol. 32, No. 1, (2006), pp. 61-65.  
<sup>2</sup> Source: Internal testing. Data on file.

### Shop the Vortex Blue family of products

 <p><b>Rotary Files</b> The color of optimum performance <b>Buy Now!</b></p>	 <p><b>Obturators</b> Predictable 3D fills <b>Buy Now!</b></p>	 <p><b>Gutta-Percha Points</b> And absorbent points <b>Buy Now!</b></p>	 <p><b>Ovens</b> Three dimensional heat <b>Buy Now!</b></p>
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[Vortex Blue Brochure](#)

[Vortex Blue Tip Card](#)

[Vortex Blue DFU](#)

[Testimonial](#)

*"I really love the Vortex Blue files. They are my favorite file system ever. In my experience, Vortex Blue files are far more likely to follow the shape of the canal without breaking – and since they cut dentin like butter, I can negotiate the most wicked of curves with complete confidence. Thanks to DENTSPLY Tulsa for adding them to my armamentarium!"*



Dr. Nathan Baker, Gilbert, AZ

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GOLD STANDARD EXHIBIT 2043

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