

VORTEX BLUE™

ROTARY FILES

GREATER CYCLIC FATIGUE RESISTANCE THAN TWISTED FILE™

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

- Minimum of 37% improvement in cyclic fatigue resistance over Twisted Files.²
- Maximum results up to 181% better²

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

1. Ya Shen, Gary Shun-pan Cheung, Zbuan 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.
2. Source: Internal testing to a competitive brand. Data on file.

Twisted Files™ is not a trademark of DENTSPLY Tulsa Dental Specialties



CYCLIC FATIGUE
Vortex Blue vs. Twisted File



OVER TWICE THE PEAK TORQUE STRENGTH OF TWISTED FILE™

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 fatigue¹, they offer:

- At least a 131% higher peak torque strength increase over Twisted Files.²
- Maximum results up to 178% better²

That's strength you can count on.

1. Ya Shen, Gary Shun-pan Cheung, Zbuan 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.
 2. Source: Internal testing to a competitive brand. Data on file.



PEAK TORQUE
Vortex Blue vs. Twisted File



DENTSPLY Tulsa Dental Specialties
 DENTSPLY International, Inc.
 1-800-662-1202
 1-800-597-2779 (fax)
www.tulsadentalspecialties.com

DENTSPLY
TULSA DENTAL
SPECIALTIES
 Endodontics & Implants
*Our Quality. Your Success.
 Their Satisfaction.*



For Dental Use Only Rx Only

© 2011 DENTSPLY International, Inc. SSVB 4/11
 Twisted Files™ is not a trademark of DENTSPLY Tulsa Dental Specialties