STILL THE DIAMOND STANDARD
Dental professionals have always demanded a lot from themselves—and also from their instruments. In both clinical and lab applications, instrument performance is critical to ensuring the optimal combination of efficiency and speed as well as the most consistent quality of work.

For more than 40 years, the Two Striper® brand has been the diamond standard in dental instruments. Abrasive Technology’s proprietary P.B.S.® diamond brazing process created the first brazed dental diamond bur that continues to outperform conventional electroplated instruments to this day.

Today, the Abrasive Technology P.B.S.® technology remains the benchmark for modern diamond brazing and a catalyst for our high-performance innovations—cost-saving reusable burs that deliver increased cutting power and speed, advanced control and accuracy, and greater consistency.

We use natural, virgin diamond crystals—which have more corners and angles than synthetics—for superior abrasion.

The P.B.S.® Braze Difference

Two Striper®, from Abrasive Technology, is the original brazed diamond dental bur. Our proprietary P.B.S.® brazing process:

- Uses a nickel chrome alloy to chemically adhere each individual crystal to a stainless steel blank.
- Creates permanent bond between diamond layer and the substrate.
- Extends working life of the tool.
- Prevents stripping and peeling.

With the combination of our meticulous natural virgin diamond selection and superior engineering, Two Striper® burs:

- Provide uncommonly smooth surface finish.
- Eliminate the need for second pass over a crown with a finer grit diamond.
- Reduce both prep time and cost.
Specially selected diamond crystals establish critical uniformity across cutting surfaces.

- Optimized cutting face maximizes the cutting edges that synchronously contact the tooth surface to deliver a faster, cooler and longer cut.
- Consistent edge height and maximum crystal exposure improve prep surface quality, eliminating the need for a second cut to further smooth the surface.
- Two Striper® burs minimize vibration caused by uneven crystal edges and widely varying particle heights, resulting in comfortable, consistent feel and reduced tooth trauma.

P.B.S.® bonding process optimally positions diamonds on the bur permanently brazing them to the substrate creating an unsurpassed cutting surface.

- Best diamond coverage for the cutting application; will not strip or peel during use, providing optimum control.
- Tightly controlled spacing of diamonds creates channels to clear tooth debris and prevent build up during cutting.
- Diamonds are bonded in a single, uniform layer to eliminate clumping or packing diamonds too closely together.

Manufactured on site by Abrasive Technology experts guiding every aspect of the process from design to packaging.

- Uniformity of diamond placement creates a smooth, consistent surface finish, delivering a better experience for both dentist and patient.
- Two Striper® is the first brazed diamond bur and remains the recognized quality leader for dental cutting burs.
- Manufactured to exacting standards and rigorously tested to ensure the highest levels of quality.
AbraSive Technology didn’t become a dental industry pioneer by chance. From our people to our processes to our equipment, AbraSive Technology has always brought the highest levels of performance and quality standards to everything we produce. This commitment to quality comes through with every Two Stripper® bur we deliver.

Our team of trained and experienced professionals is empowered to control every aspect of the development process, ensuring that your practice only receives the highest quality burs with every use. Two Stripper® is manufactured onsite in our U.S. production facility to ensure consistency and superior performance.

So, when you see the iconic two-stripe design embossed into the shank of your next Two Stripper® dental bur, feel confident in knowing that it symbolizes both a heritage of product innovation, and a long-lasting legacy of quality craftsmanship that can only be found in the world’s first and foremost brazed diamond bur.

THE ORIGINAL BRAZED BUR

The modern dental bur was born in 1971 when four young entrepreneurs in Ohio patented a process for bonding diamond particles to steel—a methodology that no one believed was possible—and AbraSive Technology was formed.

Our P.B.S.® process, still used today, demonstrated that it was possible to bond these particles, delivering precision diamond instruments that were far more reliable and lasted much longer than the electroplated bur available.

After more than 40 years, P.B.S.® braz is still recognized as the best bonding system in the industry.

THE BEST IN THE BUSINESS

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Superior diamond dental burs have become synonymous with the Two Striper® name. But they are actually just one of the many easy-to-use, long-lasting dental tools within Abrasive Technology’s robust portfolio of high quality dental products. From disks and trimming wheels to finishing strips and fiber posts, we provide today’s discriminating dental professionals with the superior craftsmanship, reliability and enduring quality they have come to expect from a true industry pioneer.

As the original P.B.S.® brazed dental burs, Two Striper® burs set the standard for quality, consistency, and feel.

Multi-Use Burs

The proprietary diamond grit of TS2tech™ diamonds is specially designed to cut quickly and safely through today’s new generation of tougher ceramic materials, including Lithium Disilicate and Zirconia crowns.

Compo-Disc®

With extremely tight contacts, Compo-Disc® can remove excess material from tooth surface without damaging enamel, ceramics or soft tissues.

Luminescence®

With its optimal concentration of micron-sized diamond particles, Luminescence® is a single-gel polishing system that polishes all restorative and core materials in minutes – even porcelain.

Stainbuster®

The innovative composite bur made of zircon-rich glass fiber features permanent abrasive power for minimal invasive dentistry: removing cement and stains from tooth surface with no damage to enamel, ceramics or soft tissues.

Snowpost® & Snowlight® & Carbopost®

Snowpost® & Snowlight® posts are made of a fiber-reinforced composite post that’s as strong as metal and reduces shear stress by 50% by transmitting stress progressively and regularly.

Silverstreak™

Silverstreak™ trims models faster, runs quieter and is substantially longer lasting than traditional wheels. Patterned for aggressive, yet cool cutting; it is lightweight, durable and perfectly balanced for conscientious operators.

Thin-Flex®

Designed for carving ceramic and composite materials, Thin-Flex® discs are excellent for contouring and shaping all surfaces. Thin-Flex® discs have diamond crystals wrapped around the edge of the disc to avoid ‘black marks’ during carving procedures.

Clean-Diamond®

Use the Clean-Diamond® and Clean-Diamond® Mini-Square™ to unclog your coarse and medium grit Two Striper® diamonds to extend life and restore rapid cutting.

Thin-Flex®

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Clean-Diamond®

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FOR EXPERT ASSISTANCE OF DENTAL PRODUCTS, BECOMING A DISTRIBUTOR, OR OTHER QUESTIONS, CONTACT US.

WORLD HEADQUARTERS
ABRASIVE TECHNOLOGY, INC
TEL: 1.740.548.4100
FAX: 1.740.548.7617

ONLINE
WWW.TWOSTRIPER.COM