Annoyed by Corrosion? Aggravated by Breakage?

SS White Friction Grip Stainless Steel Carbides Never Rust*

Midwest 1958 Tool Steel	SS White Great White®2	Midwest 1958 Tool Steel	SS White Great White®2
1 Cycle Through Autoclave		4 Cycles Through Autoclave	

Rust and Corrosion Can Cause Up to 24% Reduction in Neck Strength*

If you are using burs made of plated tool steel, the thin nickel coating can wear off after just one autoclave cycle, leading to breakage from rust and corrosion.

Breakage is the main reason why clinicians switch carbide bur brands. Besides frustrating, it can also be dangerous to your patients.

SS White 100% guarantees all of our carbide burs against breakage and corrosion.

MADE IN THE USA
SS White Carbide Burs

100% Satisfaction Guaranteed†

simply better dentistry™
SS WHITE®

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boilerplate
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Does the carbide bur manufacturer that you Currently purchase from use Plated Tool Steel?

These burs are prone to corrosion since the corrosion-sensitive tool steel is only protected by a thin nickel coating. Machining the blades often nicks this coating, exposing the underlying tool steel to corrosive environmental factors in the office, such as steam autoclave and other bur cleaning solutions.

SS White® manufacturers it's burs using two corrosion-resistant metals

Tungsten Carbide in the operative head and Stainless steel in the shanks. This combination is used to eliminate the corrosion problem.

Carbide Bur Breakage & Corrosion FAQ's

Are one piece carbide burs susceptible to breakage?

YES. Burs made out of one solid piece of Tungsten Carbide are susceptible to breakage. This metal, while extremely hard, is also very brittle. This characteristic makes the bur rigid, unable to "give" under pressure and speed.

Can corrosion affect the performance of carbide burs?

YES. Corrosion can be a root cause of bur breakage, as it can easily weaken the shanks and weld areas. Moreover, rust particles can negatively affect the chuck mechanism of dental handpieces.