

Selection of a suitable media

Silicon Carbide versus Ceramics

Silicon Carbide

Aggressive media, each single grain has sharp edges and protruding prongs. Those dig deep into the material, chewing up the surface. Results in good removal rates with a comparably rough surface.

Ra values down to $0.8\text{ }\mu\text{m}$ are normally achieved without extra efforts, the selection of finer grains such as 320 will improve the surface finish.

Lowest cost of all grinding media in the industry. Best compared to crushed rocks used on railroad tracks.

Another picture taken from industrial manufacturing are blades for rough machining.



Ceramics

Highly efficient grinding media. More ball like shaped and compact in itself. Achieves good removal rates with strength and hardness. Cuts more like waves rather than trenches.

Ra values of $0.2\text{ }\mu\text{m}$ may be a tough target, but can be reached under favorable circumstances.

Material cost tend to be minimally higher. Shows clear advantages where surface finish requirements are of importance. Imagine pebbles on a beach.

Industrial manufacturing turns to finish machine cutting bits in the last cut.



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On the road with BOTECH Technology –
refreshed homepage

Standard, Fast- and Supercut
– new edges, surfaces and
enhanced tool life



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On the road with BOTECH Technology

Access the new BOTECH homepage with all devices from cell phone to PC. Our target is to make all important information available as focused as possible. Whatever can be displayed in a simplified format you find in the corresponding category. However, to tap into our long earned experience there is no way around a personal discussion. Towards the bottom of every page you find the contact forms. With only one click you may present your challenge to the experts.

Let us know how we can simplify your daily demands. The homepage of BOTECH is built to evolve. Just as the deburring and polishing tools keep developing continuously.



Fascination speed

For once we do not mystify the road to new horizons. This time it's all about the demanding path to improved edge conditions, smooth surfaces and enhanced tool life.

Every travel starts with the first step. BOTECH decided to alter the direction, leaving the beaten path. The search to further improve deburring tools asks for innovation across the board. Based on years of research BOTECH launches the new products FASTCUT and SUPERCUT. Close cooperation with carefully selected partners led to surprising results. For several months already the high-tech materials are now tested in

field research. Users were baffled with the first deliveries already. Improved results in combination with remarkably extended lifetime signal for tremendous overall savings within the complete process.

We learned that at least two new questions evolve from every answered one. So be curious what new tooling will be ejected from BOTECH's magic tool box next.



STANDARD

The well known BOTECH Products as used on high demand applications for years. Well tested and approved!



FASTCUT

Manufactured based on a secretly developed process FASTCUT tools achieve a remarkably higher material removal rate.



SUPERCUT

Tools with the SUPERCUT classifications are designed for harsh environment. The enormous cutting power overcomes even most deterring conditions.