Get your bits back to profitable use as quickly as possible with Rockmore's Regrinding Tools!

Buttons should also be reground if a "snakeskin effect" is noticed, this can rapidly progress to cracks and breakdown of the buttons.

CARBIDE SHARPENING TOOLS

As the button develops wear flats, the performance of the bit suffers. As a result, addition feed force will be required to maintain desired penetration rates. To keep a "close-to-new" performance face buttons will need to be re-profiled when they produce a wear flat width of 30% of the button diameter.

MATRICES have been developed to give consistent self-sharpening properties for air (dry), or water (wet) flushed grinding processes.

CROWN PROFILES range from 6MM to 25MM depending on the waterway style (single and two-split range from 6MM to 13MM / three-single, three-split and twin turbo range from 14MM to 25MM).
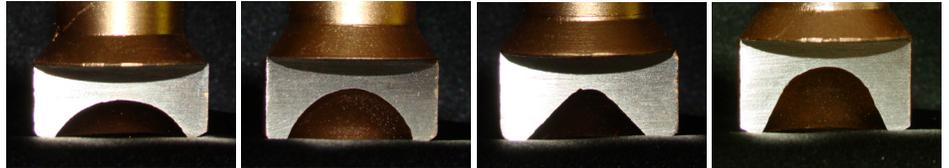
Round (Hemispherical)	Parabolic (Semi Ballistic)	Conical (Cone or Spike)	Ballistic (Full Ballistic)

All profiles are the combination type, where the button and surrounding steel body are cut simultaneously to provide the most effective refurbishment of the bit in a single step. Crown Profiles are available in all shaft styles.

SHAFT STYLES are standardized to suit the most common grinding machines:

Wing Drive (shoulder) c/w 'O' ring	Ausroc	Atlas Copco Terroc 55	Sandvik Sancone "A"	Plain Shaft (regular or straight)	Hex Socket Connection

WATERWAYS are available in five distinct configurations, for all crown profiles:

- Standard Single

- Three-Single which is better suited to provide adequate flushing to the larger sizes and effectively addresses the "nipple effect". This effect, if not corrected, can result in cracking of the button due to severe concentrated loads when returned to service.
- Two-Split, Three-Split and Twin-Turbo waterways have left an uncut nib in the centre of the button to eliminate the "nipple effect".

Single	Three-Single	Turbo	Two-Split	Three-Split

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