

INNOVATORS IN BRUSH TECHNOLOGY

ELIMINATE BRAKE NOISE



Brush Research Manufacturing is proud to offer the Flex-Hone® for Rotors. The Flex-Hone for rotors imparts the ideal surface finish on new and turned rotors to insure instant brake pad seating and eliminate noise. This unique tool utilizes proprietary Flex-Hone® technology to create a non-directional or basket weave finish while removing torn and folded material produced by turning or truing. Friction induced brake noise is the number one reason for customer dissatisfaction and returns when purchasing new brakes. By removing the jagged peaks from the turned brake surface, the tool produces a plateau finish with much higher bearing area which translates to quieter brakes. The Flex-Hone for Rotors can also be used on flywheels for improved friction performance. The finish produced by the Flex-Hone for Rotors is far more consistent and repeatable compared to sandpaper or discs.

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PRODUCT SPECIFICATIONS

PART ID	DESCRIPTION
RMFH240Z25	FLEX-HONE FOR ROTORS 240Z #1525 FINE
RMFH120Z25	FLEX-HONE FOR ROTORS 120Z #1525 MEDIUM
RMFH60Z25	FLEX-HONE FOR ROTORS 60Z #1525 COARSE

RECOMMENDATIONS FOR USE

Fine Grit- Recommended for light duty vehicles and motorcycles or when rotors are visible and a bright finish is desired.

Medium Grit- Recommended for most passenger car and light truck applications.

Coarse Grit- Recommended for flywheels and heavy duty vehicles or when rotors have been poorly turned.

INSTRUCTIONS

The Flex-Hone for Rotors should be securely held in a collet, chuck or similar holding device. The disc rotor should be mounted on a brake lathe and rotated between 125 and 210 RPM. Position all guards before starting the tool. The tool should be chucked securely in a variable speed electric drill motor or low speed air drill. The tool should rotate 300-600 RPM. (never exceed 1000 RPM). Bring the tool into contact with the rotating rotor at a slight angle and work in towards the center and out to the edge of the rotor face. Light, uniform pressure is used. Dwell time against the part produces the desired finish not excessive pressure. The tool is used dry and should be worked for 15 to 20 seconds at a time. Do not overheat by dwelling for longer periods of time. 10-15 seconds clockwise and 5-10 seconds counterclockwise should produce the desired finish.



RESULTS

BEFORE HONING



AFTER HONING



BENEFITS INCLUDE:

- MORE ROTORS PER HONE
- PRODUCES A NON-DIRECTIONAL FINISH
- LOWERS HARMONIC VIBRATIONS ELIMINATING BRAKE NOISE

FLEX-HONE®

FOR ROTORS