



Custom Form Dressing Blocks

ADVANTAGES:

- *Speed and accuracy*
- *Simplifies set-up*
- *Minimum work space*
- *Long tool life*
- *Less spindle wear than with crush dressing*
- *Increases machine versatility*
- *Eliminates costly wheel truing attachments*
- *Assures freshly dressed wheel throughout cycle*

Electrogrip® Diamond Dressing Blocks



Engis®

GRINDING PRODUCTS



Leaders in Superabrasive Finishing Systems

Electrogrip® Diamond Dressing Blocks

For use on grinders with reciprocating tables such as surface grinders, tool & cutter grinders and optical form grinders.

Electrogrip diamond dressing blocks are used to dress specific forms into aluminum oxide and silicon carbide grinding wheels, quickly and accurately. These simple-to-use dressing blocks can be held magnetically or mechanically on the machine table or mounted within a part holding fixture.

By setting the dressing block at the finished ground height and adjusting the reciprocating stroke length, it will continually dress the wheel as the part approaches its finished form and height. At the same time as the wheel is being freshly dressed, the work piece is being ground to precise form and size. It's your assurance that all parts are accurately ground, piece after piece.

By using these tools, your standard surface grinders can become automatic form grinders, when combined with power downfeed.

STANDARD DIAMOND PLATED STRAIGHT PERIPHERAL DRESSING TOOLS

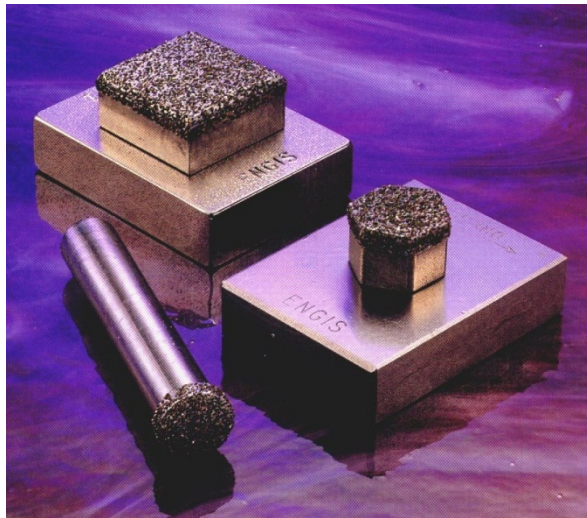
FOR USE ON:

- *Surface Grinders*
- *Cylindrical Grinders*
- *Tool Grinders*
- *Optical Projector Grinders*
- *Other grinders with traversing capabilities*

Engis Electrogrip Diamond Straight Dressing Tools are designed to dress aluminum oxide and silicon carbide grinding wheels straight and true, removing previous forms or shapes, quickly and efficiently.

ADVANTAGES:

- *Can dress thin wheels without vibration or chipping*
- *Load is distributed over a period of time and distance*
- *Does not require reorientation to keep diamond sharp*
- *Easily dresses aluminum oxide and silicon carbide*
- *Improves surface finish because phonographing and/or grooving of the wheel being dressed is eliminated*



CARE AND USE OF DIAMOND DRESSING BLOCKS:

- *Block must be rigidly mounted.*
- *Always use flood coolant.*
- *Use conventional grinding wheel speeds.*
- *Indicate side and top for alignment parallelism – should be .0002" or better.*
- *Downfeed .0005" per pass. Hard or fine grits reduce downfeed. Do not downfeed while in contact with block.*
- *Table traverse should be rigid without dwell; 45 FPM minimum or faster is recommended.*
- *If poor surface finish develops, check mounting alignment, parallelism, grinding wheel selection & quality of coolant.*

ENGIS CORPORATION

Leaders in Superabrasive Finishing Systems
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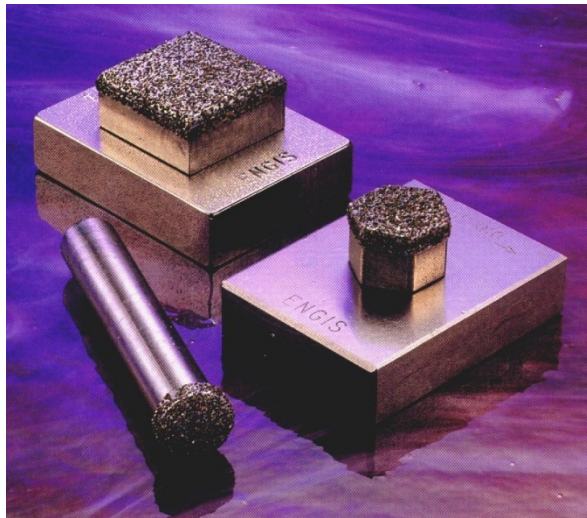
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