

ShapeUp

For Sharper,
Better Saws

Armstrong introduces the ShapeUp grinding wheel truing and shaping attachment for all Armstrong band and sash gang saw sharpeners. This attachment will eliminate out-of-round conditions and will perfectly reproduce nearly any wheel shape.

"Trues" the Grinding Wheel

The ShapeUp maintains the wheel rim concentric to the grinding wheel arbor. The wheel grinds with the entire periphery for faster stock removal, better finish and less vibration.

Same Gullet Shape Every Sharpening

The wheel is shaped exactly the same every time, so saw after saw is ground exactly the same. Full sized wheels are shaped the same as worn wheels. The night shift will shape the wheel exactly the same as the day shift. The newest filer will be able to shape the wheel exactly to the head filer's specs.

Saves Time and Reduces Grinding Expenses

Saws can be sharpened in less time with a wheel that has been shaped and trued with a ShapeUp. Grinding wheels and saws both last longer. Expect up to 1/3 more resharpenings from every Cobalt Chromium Alloy tipping or swaging. Cobalt Chromium Alloy expenses may be reduced by 25%.

Actual units shipped will be the latest design which may vary from illustration.

Makes for a Cleaner, Safer Work Area

Only a thin layer of abrasive (about .001" or .025 mm) is dressed away with each pass of the diamond. Less dust is released into the filing room for a safer, cleaner work area. The resinoid ceramic wheels from Armstrong seem to give the best results.

Versatile Performance

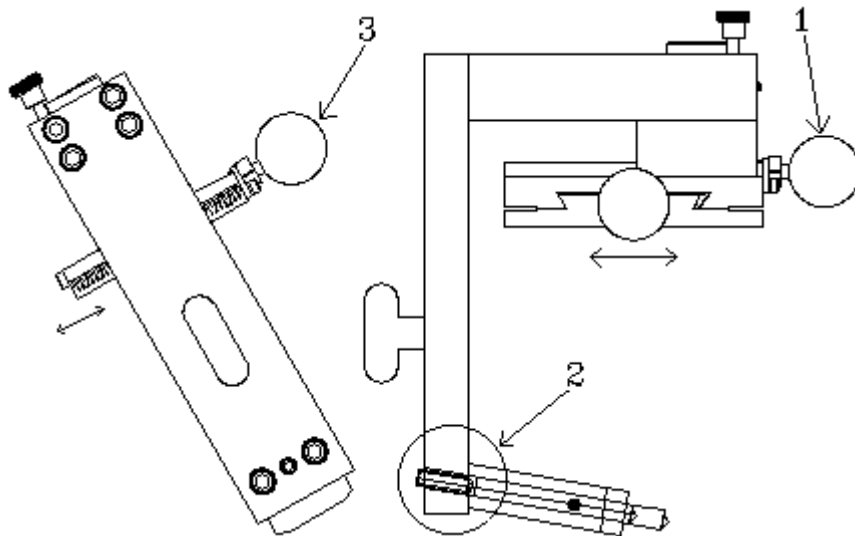
Both metric and American wheel sizes can be shaped with the Armstrong ShapeUp. No cams or templates are required. The shape can be changed and then "locked in," so different shapes and different wheel thicknesses can be used. Even frost notches can be added later with a diamond dressing tool.

To Order

Specify model number and hand of the Armstrong sharpener. Each ShapeUp comes complete with a wheel shaper, replaceable diamond point, heavy-duty wheel guard and installation and operating instructions in both video and printed formats. A dial indicator and straight edge are helpful for proper installation. A star-type dresser is recommended for "sharpening" or "opening" the wheel after shaping and truing.

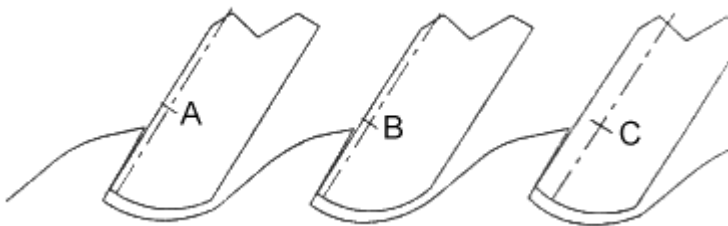


ShapeUp Adjustments



The ShapeUp is capable of producing virtually any grinding wheel shape. No cams or templates are required.

- No. 1 Adjusts ShapeUp to maintain shape as wheel is worn down.
- No. 2 Adjusts diamond in/out to change the radius or "roundness" of the wheel shape.
- No. 3 Adjusts center line of radius to lengthen or shorten hook line



A and B are the same except the radius is reduced from 1" in "A" to 13/16" in "B" by extending the diamond (no. 2 above).

B and C are the same except the center line has been moved 1/16" from the wheel face in "B" to 3/16" in "C" by turning knob (no. 3 above).

The illustration at left shows how adjustments to the ShapeUp will change the shape of the wheel and the tooth shape. In this example, the sharpener is fitted with a standard 350-Q cam for a 2" space X 7/8" deep tooth. The grinding wheel is 7/8" thick.



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