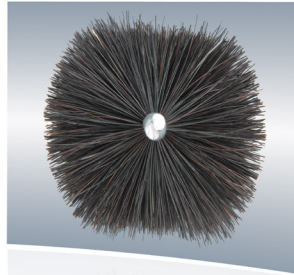


# MILL-ROSE



**Abrasive Brushes  
for Cleaning, Deburring  
and Surface Preparation**





Mill-Rose is a leading manufacturer of abrasive brushes used throughout industry for cleaning, deburring and surface preparation. Choose from a variety of twisted-in-wire brushes, cup brushes and wheel brushes for surface conditioning and deburring internal and external surfaces. Surface conditioning with Mill-Rose brushes eliminates any loose metal and removes flakes that can contaminate production or impede performance.

Mill-Rose offers a complete selection of single spiral or double spiral twisted-in-wire tube brushes in a selection of filaments for general maintenance and production. For more aggressive cleaning, Mill-Rose offers a full-line of abrasive brushes that aggressively condition internal and external surfaces. Mill-Rose abrasive brushes designed for efficient cleaning and long-lasting performance.

### Abrasive Tube Brushes

Mill-Rose twisted-in-wire abrasive tube brushes provide extra cutting and cleaning action in a variety of applications, including cross hole deburring, burr removal, internal cleaning, removal of small imperfections and surface preparation. Mill-Rose abrasive brushes are great for use with hand and stationary power tools, including CNC machining centers, robotic work areas and highly specialized machinery. These brushes are offered in a broad range of standard constructions and custom engineered constructions are available upon request.





## Miniature Abrasive Tube Brushes

Miniature abrasive tube brushes are produced in diameters as small as .030" and are designed for cleaning and deburring holes drilled in close-tolerance metallic and non-metallic parts. These brushes are flexible, designed to retain their shape better than wire-fill brushes, and will not degrade the diameter, straightness or surface finish of the holes. Silicate and aluminum-oxide brushes are designed for power use. Silicon-carbide brushes can be special ordered.

## Double Stem, Double Spiral Tube Brushes - power use

Mill-Rose twisted-in-wire power brushes with double stem, double spiral construction are beefed up to withstand the rigors of being driven by power tools, drills, lathes and drill presses. The core is made of four heavy-gauge twisted wires, ending in a smooth stem to chuck readily in a power tool, drill press, lathe, mill, etc. The double stem, double spiral construction allows for the surface area to be more dense. This gives it a more aggressive scrubbing action. Bristles available include but are not limited to high carbon steel, stainless steel, brass, nylon, silicon carbide, aluminum oxide, and carbon fiber. Double stem power brushes can also be supplied with crimped wire bristles. Double stem, double spiral series 200 power brushes are available in any diameter of your choice, within reason. Contact customer service for diameter limits.



## Burr Brushes - power use

These high-density, single spiral brushes are ideal for cleaning inner bores of tubing and machined cylinders in standard diameters from 1/4" to 1-1/4". The spiral screw action of the closely packed bristles increases cleaning effectiveness and shortens the time required. Available in carbon, stainless steel or brass bristles in various gauges from fine to coarse. All handles are twisted stainless steel wire for extra mechanical strength and corrosion resistance. Mill-Rose burr brushes can also be made in larger diameters. Contact customer service for diameter limits.



## High Density Side Action Tube Brushes - More effective on threaded holes

These side action type brushes have an almost solid concentration of bristles to clean the inner walls of tubes and cylinders. The concentration of bristles provides a high degree of bristle stiffness with almost no flexing of bristles during operation. No bristles are present in the axial end of the brush to clean the bottom of a cylindrical cavity.

Series 300 Brushes are available in standard sizes from 1/4" to 1-1/4" in diameter. The high-strength stainless steel stem can be chucked in any power tool chuck... portable drill, drill press, flexible power cable, or used with their specific sized holder. Bristles are made of high carbon steel and are also available in stainless steel, nylon and brass.







## Wire Wheel Brushes

Mill-Rose wire wheel brushes are available in a wide range of sizes with your choice of long or short bristles. Choose from narrow and wide-faced crimped wire wheel brushes or twisted tuft wheel brushes. Short bristles produce a stiffer impact. Mill-Rose wire wheel brushes are offered in a variety of styles with arbor holes, with nuts or stems, bevel wheel brushes, and mini wheel brushes. Mill-Rose wheel brushes are available with a variety of fill materials including high carbon steel, and stainless steel. Other materials such as brass, copper, nylon, tampico, and natural hair are available upon request.

## Cup Brushes

Mill-Rose cup brushes are designed for polishing or cleaning large areas with flat surfaces, and complex convoluted surfaces such as carvings and castings. Heavy-duty brush construction and maximum density of wire (high-carbon steel or stainless steel) help minimize flattening and spreading during use. Mill-Rose cup brushes feature a threaded nut and are designed to remove scale, rust and paint, in addition to polishing. Cup brushes can be used flat or as an edging cutter in narrow spaces. These brushes are available in a variety of knot wire and crimped wire configurations with carbon steel or stainless steel fill material.



## Let Us Build A Brush For You

Mill-Rose specializes in designing and manufacturing brushes used in new, unique applications. If you require a special or unique brush, we'll design it for you and make it from any material the job calls for. We're continually developing new ideas for brushes and have designed thousands of brushes for special applications. Put our 90-plus years of brush design/manufacturing experience to work for you. Send us a sketch of what you need or tell us what you want to accomplish and we'll take it from there. Our full-service engineering department will work with you to develop a prototype.



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