



Twisted Hardened Steel Wire Cup Brush

Item #47926 2-1/2" Wire Cup Brush

Item #47927 3" Wire Cup Brush

Usage and Safety Warnings



3491 Mission Oaks Blvd., Camarillo, CA 93011

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For technical questions and replacement parts, please call 1-800-444-3353.

Thank you for choosing a Harbor Freight Tools product! For future reference, please complete the owner's record below:

Model: _____ **Purchase Date:** _____

Save the receipt and these instructions. It is important that you read this entire instruction sheet to become familiar with this product before you begin using it.

Warning: Always wear ANSI approved safety goggles, full face shield, and dust mask or respirator when working with the Wire Cup Brush.

Warning: Never exceed the recommended maximum safe speed RPM.

2-1/2" Wire Cup Brush: 12,500 Maximum RPM

3" Wire Cup Brush: 12,500 Maximum RPM

Before using the Wire Cup Brush:

1. Inspect the brush and spindle for rust, damage or other kinds of deterioration. Never use the Wire Cup Brush if damage is noted or if the brush is functioning improperly (losing filaments or is out of balance).
2. Read and understand all warnings and instructions provided in the instruction manual of the power grinder being used.
3. **Make sure the maximum safe speed RPM on the Wire Cup Brush exceeds the "no load" speed of the power tool being used.**
4. With the power grinder's electrical cord unplugged, install the Wire Cup Brush securely on the power grinder.
5. The user of the power grinder, and all spectators in the work area must wear ANSI approved safety goggles, full face shields and dust masks or respirators.

Using the Wire Cup Brush:

1. Plug in the power grinder and test the Wire Cup Brush by running at operating speed for at least one minute. During this test, look for vibration or fluttering of the brush, which may be caused by a damaged brush or improper installation. When you are confident that the power grinder and brush are running properly, the tool is ready for the workpiece.
2. When using the Wire Cup Brush on the workpiece, do not apply excessive pressure. Excessive pressure on the brush may cause excessive heat build-up and/or excessive bending of the wire filaments.

Note: Do not attempt to force a small brush to do the work of a larger industrial sized product. There are certain applications for which this product was designed. Do not modify this product and do not use this product for a purpose for which it was not intended.

Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Caution: Some woods contain preservatives such as copper chromium arsenate (CCA) which can be toxic. When working with these materials, extra care should be taken to avoid inhalation and minimize skin contact.

Warning: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contain chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are: Lead from lead-based paints, Crystalline Silica from bricks and cement or other masonry products, Arsenic and Chromium from chemically treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals; work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (*California Health & Safety Code 25249.5, et seq.*)

Warning: Exposure to aluminum oxide (a dust generated from material removing processes) can result in eye, skin and breathing irritation. Always use a NIOSH (National Institute for Occupational Safety and Health) approved respirator and safety goggles. Avoid skin exposure. Proper ventilation in the work area is required.

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