



## Wire Brushes

Crimped Wire Brushes offer high brushing flexibility for light- to medium-duty brushing on flat or irregular surfaces. Knotted Wire Brushes have a more-rigid construction for use on more-demanding cutting and cleaning applications.

**Carbon Steel** can be used on carbon steel, iron, and wood surfaces.

**Stainless Steel** can be used on aluminum, brass, copper, stainless steel and wood surfaces.

**Abrasive Nylon** can be used on most surfaces.

**Cup Brushes**—Use with a right-angle grinder to remove rust, paint, scale, and concrete. Especially good on large surfaces, corners, recesses, and in other hard-to-reach areas.

**End Brushes**—Use with CNC machines, robotic, die grinders, and drill presses to clean and deburr recessed areas or inside diameters of tubes and pipes. Can also be used for rubber and plastic flash removal, paint and rust removal, and mold and tool polishing.

**Wire Wheel Brushes**—Use with a variety of machines for tough, aggressive surface cleaning applications. Leave a rougher finish.

| Bristle Type                  | Brush Dia. | Mounting Type | Arbor Hole Size | Abrasive Shank Type | Wire Dia. | Bristle Trim Length | Max. RPM | Item No. |
|-------------------------------|------------|---------------|-----------------|---------------------|-----------|---------------------|----------|----------|
| <b>Cup Brush Carbon Steel</b> |            |               |                 |                     |           |                     |          |          |
| Crimped Wire                  | 1 3/4"     | Shank         | —               | 1/4 in              | 0.006 in  | 1/2 in              | 13,000   | 416M77   |
|                               | 1 3/4"     | Shank         | —               | 1/4 in              | 0.012 in  | 1/2 in              | 13,000   | 416M48   |
|                               | 2 1/4"     | Shank         | —               | 1/4 in              | 0.014 in  | 5/8 in              | 4,500    | 416M66   |
|                               | 2 3/4"     | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 1 in                | 14,000   | 416M61   |
|                               | 3"         | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 1 3/16 in           | 14,000   | 416L82   |
| Knotted Wire                  | 4"         | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 1 1/8 in            | 9,000    | 416M07   |
|                               | 5"         | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 1 3/8 in            | 8,000    | 416M06   |
|                               | 2 3/4"     | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 7/8 in              | 14,000   | 416M65   |
|                               | 2 3/4"     | Arbor Hole    | 5/8"-11         | —                   | 0.02 in   | 7/8 in              | 14,000   | 416M63   |
|                               | 3"         | Arbor Hole    | 5/8"-11         | —                   | 0.02 in   | 7/8 in              | 14,000   | 416L83   |
| Crimped Wire                  | 3"         | Arbor Hole    | M10 x 1.25mm    | —                   | 0.02 in   | 7/8 in              | 14,000   | 416M19   |
|                               | 3 1/2"     | Arbor Hole    | 5/8"-11         | —                   | 0.02 in   | 1 3/8 in            | 7,500    | 416M27   |
|                               | 4"         | Arbor Hole    | 5/8"-11         | —                   | 0.02 in   | 1 1/8 in            | 9,000    | 416L93   |
| 6"                            | Arbor Hole | 5/8"-11       | —               | 0.02 in             | 1 3/8 in  | 6,000               | 416M03   |          |
| <b>Stainless Steel</b>        |            |               |                 |                     |           |                     |          |          |
| Crimped Wire                  | 2"         | Shank         | —               | 1/4 in              | 0.01 in   | 5/8 in              | 10,500   | 416M37   |
| Knotted Wire                  | 2 3/4"     | Arbor Hole    | 5/8"-11         | —                   | 0.014 in  | 7/8 in              | 14,000   | 416M28   |
|                               | 3"         | Arbor Hole    | 5/8"-11         | —                   | 0.02 in   | 7/8 in              | 14,000   | 416L88   |
| <b>End Brush Carbon Steel</b> |            |               |                 |                     |           |                     |          |          |
| Crimped Wire                  | 1/2"       | Shank         | —               | 1/4 in              | 0.006 in  | 1 in                | 25,000   | 416M50   |
|                               | 1/2"       | Shank         | —               | 1/4 in              | 0.01 in   | 1 in                | 25,000   | 416M68   |
|                               | 1/2"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 25,000   | 416M66   |
|                               | 3/4"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 1/8 in            | 20,000   | 416M17   |
|                               | 3/4"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 22,000   | 416M64   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.014 in  | 3/4 in              | 20,000   | 416M14   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416L90   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.02 in   | 1 1/8 in            | 15,000   | 416N25   |
| Knotted Wire                  | 2"         | Shank         | —               | 1/4 in              | 0.01 in   | 1 1/8 in            | 15,000   | 416M92   |
|                               | 3"         | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416L94   |
|                               | 1/2"       | Shank         | —               | 1/4 in              | 0.006 in  | 1 1/8 in            | 22,000   | 416M26   |
|                               | 1/2"       | Shank         | —               | 1/4 in              | 0.014 in  | 1 1/8 in            | 22,000   | 416M24   |
| Knotted Wire                  | 3/4"       | Shank         | —               | 1/4 in              | 0.014 in  | 7/8 in              | 22,000   | 416N38   |
|                               | 3/4"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 1/8 in            | 22,000   | 416M17   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.014 in  | 1 in                | 20,000   | 416M59   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416L85   |
| <b>Stainless Steel</b>        |            |               |                 |                     |           |                     |          |          |
| Crimped Wire                  | 1/2"       | Shank         | —               | 1/4 in              | 0.005 in  | 1 in                | 25,000   | 416N13   |
| Crimped Wire                  | 1/2"       | Shank         | —               | 1/4 in              | 0.014 in  | 1 in                | 25,000   | 416M25   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.005 in  | 1 in                | 22,000   | 416M56   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.01 in   | 1 in                | 22,000   | 416M89   |
| Knotted Wire                  | 3/4"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416M09   |
|                               | 3/4"       | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416M02   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.006 in  | 1 1/8 in            | 20,000   | 416M31   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.01 in   | 1 1/8 in            | 20,000   | 416M83   |
| Knotted Wire                  | 1"         | Shank         | —               | 1/4 in              | 0.014 in  | 1 in                | 20,000   | 416M46   |
|                               | 1"         | Shank         | —               | 1/4 in              | 0.02 in   | 1 in                | 20,000   | 416L90   |



## 1/4" Stem-Mounted Wheel and Cup Brushes

Crimped wire wheel brushes have great flexibility on uneven surfaces. Knot wire wheel brushes have a strong twist for longer life and aggressive rough finishing. Brushes contain high-carbon, heat-tempered steel wire for aggressive cutting action and maximum life. Special 3-D crimping means less wire breakage.

**Stainless Steel**—Recommended for stainless steel, aluminum, and nonferrous alloyed metals.

| Brush Face Dia.                                | Wire Dia. | Trim Length | Max. RPM  | Brand     | Item No.     |
|--|-----------|-------------|-----------|-----------|--------------|
| <b>Crimped Wire Wheels Carbon Steel</b>        |           |             |           |           |              |
| 2 in   | 3/8 in    | 0.006 in    | 1/2 in    | 20,000    | Weiler 3A204 |
|  | 3/8 in    | 0.012 in    | 1/2 in    | 20,000    | Weiler 3A205 |
|  | 3/4 in    | 0.012 in    | 1/2 in    | 20,000    | Weiler 6JX05 |
|  | 1/2 in    | 0.008 in    | 1 in      | 20,000    | Weiler 5X897 |
| 3 in   | 1/2 in    | 0.012 in    | 1 in      | 20,000    | Weiler 5X898 |
|  | 1/2 in    | 0.014 in    | 1 in      | 25,000    | Weiler 6JXG4 |
|  | 3/8 in    | 0.012 in    | 1 3/16 in | 25,000    | Weiler 6JXH1 |
| <b>Stainless Steel</b>                         |           |             |           |           |              |
| 2 in   | 3/8 in    | 0.012 in    | 1/2 in    | 20,000    | Weiler 3H697 |
|  | 1/2 in    | 0.014 in    | 1 in      | 20,000    | Weiler 3H699 |
|  | 3 in      | 5/8 in      | 0.014 in  | 1 3/16 in | 25,000       |
| <b>Crimped Wire Wheels, Shank Carbon Steel</b> |           |             |           |           |              |
| 3/4 in   | 3/16 in   | 0.005 in    | 3/8 in    | 37,000    | — 443N67     |
|  | 1 in      | 0.005 in    | 5/8 in    | 37,000    | — 443N98     |
| 1 1/4 in                                       | 1/4 in    | 0.005 in    | 3/8 in    | 37,000    | — 443P28     |
|  | 1 1/2 in  | 1/4 in      | 0.012 in  | 1/4 in    | 20,000       |
| 2 in   | 1/4 in    | 0.009 in    | 3/8 in    | 4,500     | — 443M55     |
|  | 1/4 in    | 0.012 in    | 3/8 in    | 4,500     | — 443M43     |
|  | 3/8 in    | 0.008 in    | 1/2 in    | 20,000    | — 443M15     |
|  | 3/8 in    | 0.012 in    | 1/2 in    | 20,000    | — 443M05     |
|  | 3/8 in    | 0.009 in    | 1/2 in    | 4,500     | — 443M99     |
|  | 3/8 in    | 0.012 in    | 1/2 in    | 4,500     | — 443M83     |
| 2 1/2 in                                       | 7/16 in   | 0.009 in    | 9/16 in   | 4,500     | — 443M79     |
|  | 7/16 in   | 0.012 in    | 9/16 in   | 4,500     | — 443M52     |
|  | 1/2 in    | 0.008 in    | 1 in      | 20,000    | — 443M08     |
| 3 in   | 1/2 in    | 0.012 in    | 7/8 in    | 20,000    | — 443M02     |
|  | 3/8 in    | 0.008 in    | 1 in      | 20,000    | — 443M46     |
|  | 3/8 in    | 0.012 in    | 1 in      | 20,000    | — 443M14     |

| Brush Face Dia.                                | Wire Dia. | Trim Length | Max. RPM  | Brand  | Item No.     |
|--|-----------|-------------|-----------|--------|--------------|
| 4 in   | 5/8 in    | 0.009 in    | 1 3/16 in | 4,500  | — 443M51     |
|  | 5/8 in    | 0.012 in    | 1 3/16 in | 4,500  | — 443M39     |
| <b>Stainless Steel</b>                         |           |             |           |        |              |
| 2 in   | 3/8 in    | 0.012 in    | 1/2 in    | 20,000 | — 443M20     |
|  | 3/8 in    | 0.012 in    | 1/2 in    | 20,000 | — 443M20     |
|  | 1/2 in    | 0.014 in    | 7/8 in    | 20,000 | — 443M06     |
| 3 in   | 1/2 in    | 0.014 in    | 1 in      | 20,000 | — 443M06     |
|  | 3/8 in    | 0.012 in    | 1 in      | 20,000 | — 443M36     |
|  | 3/8 in    | 0.012 in    | 1 in      | 20,000 | — 443M36     |
| <b>Cup Brushes Carbon Steel</b>                |           |             |           |        |              |
| 1 3/4 in                                       | —         | 0.012 in    | 5/8 in    | 13,000 | — 443M16     |
|  | —         | 0.012 in    | 3/4 in    | 13,000 | Weiler 3A203 |
|  | —         | 0.012 in    | 5/8 in    | 13,000 | Weiler 6JXH6 |
| 2 in   | —         | 0.012 in    | 5/8 in    | 13,000 | — 443M13     |
|  | —         | 0.012 in    | 5/8 in    | 13,000 | — 443M13     |
| <b>Knotted Wire Wheels Carbon Steel</b>        |           |             |           |        |              |
| 3 1/4 in                                       | 3/8 in    | 0.012 in    | 5/8 in    | 25,000 | Weiler 6JXG7 |
|  | 3/4 in    | 3/8 in      | 0.014 in  | 5/8 in | 20,000       |
| 4 in   | 3/8 in    | 0.02 in     | 5/8 in    | 25,000 | Weiler 6JXG9 |
|  | 1/2 in    | 1/2 in      | 0.014 in  | 3/8 in | 20,000       |
| <b>Stainless Steel</b>                         |           |             |           |        |              |
| 3 1/4 in                                       | 3/8 in    | 0.014 in    | 5/8 in    | 25,000 | Weiler 6JXH0 |
|  | 3/4 in    | 3/8 in      | 0.014 in  | 5/8 in | 25,000       |
| <b>Knotted Wire Wheels, Shank Carbon Steel</b> |           |             |           |        |              |
| 3 in   | 1/4 in    | 0.014 in    | 5/8 in    | 25,000 | — 443M17     |
|  | 3/4 in    | 1/4 in      | 0.014 in  | 5/8 in | 25,000       |
| 3 1/4 in                                       | 1/4 in    | 0.014 in    | 3/4 in    | 25,000 | — 443M24     |
|  | 4 in      | 1/2 in      | 0.014 in  | 7/8 in | 20,000       |