

## Wire Wheels and Brushes

Westward offers fast, efficient removal and surface preparation for various applications. Use for cleaning/deburring, roughening, rust and paint removal, finishing, carbon cleaning, weld scale, spatter and corrosion removal.



### Flared End Brush

Flare design accommodates the natural working angle for consistent finishing. Allows easy access to a broad range of surface angles and contours.

Item No.	Dia.	RPM	Wire Size
1GBR1	3"	16,000	0.0080



### End Brush

Works in difficult to access areas

Knotted wire design and shaped brushes have a high removal capacity and longer life. Use on jobs that require rough finishing: carbon cleaning, dies, tubes, engines, pistons and tool cleaning and polishing and the removal of edges scale, paint and rust.

- 1/4" shank size
- 20,000 RPM

Item No.	Diameter	Wire Type
1VP28	1"	.020"



### 1/4" Stem-Mounted Knot Wire Cup Brushes

For tight operations, corners, and angle welds, curved surfaces, and pipe bevel cleaning.

Item No.	Dia.	Trim	RPM	Wire Size
1GBJ3	2-3/4"	7/8"	14,000	0.0200
1GBK2	4"	1"	9,000	0.0200
1GBK4	4"	1-1/4"	9,000	0.0140
1GBR7	5"	7/8"	7,000	0.0200
1GBK3	6"	1-3/8"	6,500	0.0200



### Crimped Wire Cup Brushes

Greater brushing flexibility for flat surfaces and relatively fine finish. Fast, efficient material removal and surface preparation. Made with high-tensile, heat-treated carbon wire and 302 stainless steel wire.

Item No.	Dia.	Trim	RPM	Wire Size
1GBJ2	3"	7/8"	14,000	0.0140"
1GBK1	4"	1-3/8"	9,000	0.0140"
1GBJ9	4"	1-3/8"	9,000	0.0200"
1GBR6	5"	1-1/4"	8,000	0.0200"
1GBJ8	6"	1-1/4"	6,500	0.0200"



### 1/4" Stem-Mounted Crimped Wire Cup Brush

Brushes contain high-carbon, heat-tempered steel wire for aggressive cutting action and maximum life. Special 3-D crimping means less wire breakage.

Item No.	Dia.	RPM	Wire Size
1GBL6	2"	13,000	0.0118"



## Crimped Wire End Brushes

These compact brushes are specially shaped to reach hard-to-access areas. Uses include carbon cleaning, I.D. pipe cleaning, die, mold, and tool cleaning and polishing, and rust and paint removal.

Item No.	Dia.	Trim	RPM	Wire Size
<b>1GBP1</b>	1/2"	7/8"	25,000	0.0080"
<b>1GBN9</b>	1/2"	7/8"	25,000	0.0118"
<b>1GBP3</b>	3/4"	7/8"	22,000	0.0080"
<b>1GBP6</b>	3/4"	7/8"	22,000	0.0118"
<b>1GBP4</b>	3/4"	7/8"	22,000	0.0200"
<b>1GBP2</b>	1"	1"	22,000	0.0080"
<b>1GBP5</b>	1"	1"	22,000	0.0118"
<b>1GBT8</b>	1"	1-1/8"	22,000	0.0200"
<b>STAINLESS STEEL</b>				
Item No.	Dia.	Trim	RPM	Wire Size
<b>1GBP9</b>	1/2"	7/8"	25,000	0.0080"
<b>1GBT9</b>	3/4"	7/8"	22,000	0.0080"
<b>1GBP8</b>	1"	1"	22,000	0.0118"
<b>1GBP7</b>	1"	1"	22,000	0.0080"



## Knot Wire End Brushes

High RPM ratings meet or exceed industry standards. These compact brushes are specially shaped to reach hard-to-access areas. Uses include carbon cleaning, I.D. pipe cleaning, die, mold, and tool cleaning and polishing, and rust and paint removal.

- 7/8" Trim

Item No.	Dia.	RPM	Wire Size
<b>1GBR5</b>	3/4"	22,000	0.0200
<b>1GBR4</b>	3/4"	22,000	0.0140
<b>1GBR3</b>	1-1/8"	22,000	0.0200
<b>1GBR2</b>	1-1/8"	22,000	0.0140



## Crimped Narrow Brush Face Wire Wheels

Features plastic snap-out arbor hole adapter. Produces flexible brushing action; conforms to uneven surfaces or irregular shapes.

- Carbon steel
- 4" Wheels are used on straight grinders

Item No.	Dia.	Face Width	Arbor Hole	RPM	Wire Size
<b>1GBT1</b>	4"	1/2"	1/2 to 3/8"	6,000	0.0140"
<b>1GBK7</b>	6"	3/4"	5/8 to 1/2"	6,000	0.0140"
<b>1GBK8</b>	6"	3/4"	5/8 to 1/2"	6,000	0.0118"
<b>1GBK9</b>	6"	3/4"	5/8 to 1/2"	6,000	0.0080"
<b>1GBL1</b>	6"	3/4"	5/8 to 1/2"	6,000	0.0080"
<b>1GBK6</b>	8"	3/4"	5/8"	6,000	0.0140"
<b>1GBT2</b>	10"	3/4"	3/4"	4,000	0.0140"
<b>STAINLESS STEEL</b>					
<b>1GBT6</b>	6"	3/4"	5/8" to 1/2"	6,000	0.0118"



## Small Diameter Wire Wheel Brushes

Copper center or Polyflex® encapsulated copper center brushes. For burr removal in slots and narrowly confined areas, rust removal, surface refinement and juncture blending, weld scale removal, and flash removal of rubber or plastic.

Item No.	Dia.	Face Width	RPM	Wire Size
<b>1GBN8</b>	1-1/2"	1/4"	20,000	0.0118"
<b>1GBN7</b>	2"	3/8"	20,000	0.0140"
<b>1GBN6</b>	3"	5/8"	20,000	0.0140"



## Crimped Medium Brush Face Wire Wheels

Greater fill density creates more aggressive brushing action. For cleaning rust, scale, dirt, and paint; deburring; edge blending; roughening for adhesion; flash removal of rubber and plastic; finishing for appearance; and finish preparation prior to painting or plating.

- 2" Arbor hole
- 0.0140" Wire size

Item No.	Dia.	Face Width	RPM
<b>1GBL3</b>	6"	1"	6,000
<b>1GBL2</b>	8"	1"	4,500
<b>1GBT4</b>	8"	1-1/2"	4,500



## Stringer Bead Twist Wheel Brushes

Use for deburring, finishing, and cleaning prior to welding or painting.

Item No.	Dia.	Trim	RPM	Wire Size
<b>1GBJ5</b>	4"	7/8"	20,000	0.0200"
<b>1GBR8</b>	5"	7/8"	12,500	0.0200"
<b>1GBR9</b>	6"	1"	12,500	0.0200"
<b>1GBK5</b>	6-7/8"	1-1/8"	9,000	0.0200"
<b>STAINLESS STEEL</b>				
Item No.	Dia.	Arbor Hole	RPM	
<b>1GBJ6</b>	4"	M10 x 1.25 mm	0.0200"	
<b>1GBJ7</b>	4"	5/8"-11	0.0200"	



1GBT3

### Crimped Wide Brush Face Wire Wheels

Heavy fill density creates minimal flexibility; fast aggressive cutting covers more surface area in a single pass.

- 0.0140" Wire size

Item No.	Dia.	Face Width	RPM
1GBT3	6"	1-1/4"	6,000
1GBT5	10"	1-5/8"	4,000



1GBT7

### Standard Twist Wire Wheel Brushes

Fast, efficient material removal and surface preparation. Made with high-tensile, heat-treated carbon wire and 302 stainless steel wire.

- 3" Wheels are used on straight grinders.
- 4" Wheels are used on small angle grinders.
- 6" Wheels are used on bench grinders.

Item No.	Dia.	Trim	RPM	Wire Size
1GBT7	3"	5/8"	25,000	0.0200"
1GBL5	4"	7/8"	20,000	0.0140"
1GBJ4	4"	7/8"	20,000	0.0200"
1GBL4	6"	1-1/4"	9,000	0.0140"



1GBN2

### 1/4" Stem-Mounted Wire Wheel Brushes

Crimped wire wheels have great flexibility on uneven surfaces. Special 3-D crimping means less wire breakage.

#### CRIMPED

Item No.	Dia.	Face Width	RPM	Wire Size
1GBL9	2"	3/8"	20,000	0.0118"
1GBL8	2"	3/8"	20,000	0.0080"
1GBL7	3"	1/2"	20,000	0.0118"
1GBN2	3"	1/2"	20,000	0.0080"

#### STAINLESS STEEL

Item No.	Dia.	Face Width	RPM	Wire Size
1GBN5	2"	3/8"	20,000	0.0118"
1GBN4	3"	1/2"	20,000	0.0140"

#### KNOT WIRE

Item No.	Dia.	Face Width	RPM	Wire Size
1GBN1	3-1/4"	1/4"	25,000	0.0140"
1GBN3	4"	1/2"	20,000	0.0140"



1VP24

### Crimped Wire Wheels

Designed for drills providing a wide variety of uses

- 1/4" shank size
- 20,000 RPM

Item No.	Dia.	Face Width	Wire Type
1VP24	2"	3/8"	Coarse (.012")
1VP25	2"	3/8"	Fine (.008")
1VP26	3"	1/2"	Coarse (.012")
1VP27	3"	1/2"	Fine (.008")



### Knot Wire Brush

Delivers at 20,000 RPM

Strong twist knot provides high removal capacity for a more aggressive and longer life. Great for rough finishing.

- 1/4" shank size
- 20,000 RPM

Item No.	Dia.	Face Width	Wire Type
1VP29	3"	3/8"	.015"

1VP37



## Crimped and Cable Wire Bench Grinder Wheels

For use in bench and large portable grinders

- Multi-fitting adapter integrated in the brush 1/2, 5/8, 3/4, 7/8, 1, 1-3/16, 1-5/8, and 2"
- .012" coated wire
- Laser marked brush plates for easy reorder

Item No.	Diameter	Face Width	RPM
1VP36	6"	3/4"	6500
1VP37	8"	1-1/16"	4500

1VP30



## Small Angle Grinder Wire Brushes

Offers a complete range of crimped wire cups for use in grinders

Multi-thread allows use in both 5/8-11 and M14-2 spindle threads. Easier threading and loosening. For ship building, welding and metal structure applications that require higher tensile resistance and extra rust protection.

- 1VP39 and 1VP40 have cups with rounded edges to avoid potential cutting and breakage of wire
- .020" wire; 1VP39 is .012" coated wire
- Max RPM is 15,000; 1VP39 is 13,000

Item No.	Dia./Shape	Wire Type
1VP30	4" Wheel	Standard Twist
1VP34	4" Wheel	SS Stringer Bead
1VP35	4" Wheel	Stringer Bead
1VP39	3" Cup	Crimped
1VP40	3" Cup	Knotted



1VP44



1VP46

## 7" and 9" Sander/Grinder Wire Brushes

Laser marking for easy reorder

Higher removal capacity and longer life are appropriate for jobs that require rough finishings. Knot and crimp types have a special design with grips for high manipulation comfort and reinforced structure of the cup.

- Multi-thread that allows use in both 5/8-11 and M14-2 spindle threads
- Easier threading and loosening
- 1VP43 and 1VP44 have coated wire

Item No.	Dia./Shape	Wire	RPM
1VP43	4" Cup, Crimped	.012"	8500
1VP44	5" Cup, Crimped	.012"	8500
1VP45	4" Cup, Knotted	.020"	8500
1VP46	5" Cup, Knotted	.020"	6500



1VP33



1VP42

## Coated Steel Cable Crimped Wheels and Cup Brushes

Work well on uneven surfaces

- Multi-fitting adapter for 1VP31, 1VP32 and 1VP33 allows eight different bore size options: 1/2, 5/8, 3/4, 7/8, 1, 1-3/16, 1-3/8, and 2"
- Multi-thread in cups 1VP38, 1VP41 and 1VP42; arbor hole for 5/8-11 and M14-2 machines
- 12 x .009 wire adds better resistance to flexing fatigue

Item No.	Dia./Shape	Face Width	RPM
1VP31	6" Wheel	3/4"	6500
1VP32	7" Wheel	3/4"	6500
1VP33	8" Wheel	3/4"	4500
1VP38	3" Cup	—	13,000
1VP41	4" Cup	—	8500
1VP42	5" Cup	—	8500



1VP47

## Universal Wire Brushes

Multi-purpose scratch brush

Ergonomic polypropylene plastic handle is adapted to user's hand shape. Narrow face and handle allow access into narrow areas and slots. Designed for cleaning and scale removal in welding applications and the removal of rust and paint.

- Extra rust protection
- High carbon brass coated steel
- 3-D crimped wire adds longer life with less wire breakage

Item No.	Wire
1VP47	.014" Coated
1VP48	.012" Stainless Steel



## Zirconia Flap Discs/Silicon Carbide Semi-Flex Discs

### Benefits:

- Functions as both a grinding disc and a fiber disc, enabling work to be accomplished on one operation rather than two—this saves time, effort, and cost

### Features and Applications:

- Premium 100% zirconia aluminum grain with a poly/cotton heat-treated backing, recommended for aggressive use and heavy-duty applications
- Special optimized resin bond offers maximum cutting capacity, strong edge stability, and long life
- Excellent on both carbon and stainless steel wheels
- Semi-flex discs can be used on rough surfaces and non-ferrous materials such as marble, china, clay, fiberglass, enamels, porcelain, quartz, terrazzo, concrete, and epoxy

### TYPE 27

Item No.	Dia.	Hole	Grit	RPM
6NX58	3"	N/A	40	20,000
6NX59	3"	N/A	60	20,000
6NX60	3"	N/A	80	20,000
6NX61	3"	N/A	120	20,000
6NX62	4"	5/8"	36	15,300
6NX63	4"	5/8"	40	15,300
6NX64	4"	5/8"	60	15,300
6NX65	4"	5/8"	80	15,300
6NX66	4"	5/8"	120	15,300
6NX67	4-1/2"	7/8"	24	13,300
6NX68	4-1/2"	7/8"	36	13,300
6NX69	4-1/2"	7/8"	40	13,300
6NX70	4-1/2"	7/8"	50	13,300
6NX71	4-1/2"	7/8"	60	13,300
6NX72	4-1/2"	7/8"	80	13,300
6NX73	4-1/2"	7/8"	120	13,300
6NX74	4-1/2"	5/8"-11	36	13,300
6NX75	4-1/2"	5/8"-11	40	13,300
6NX76	4-1/2"	5/8"-11	60	13,300
6NX77	4-1/2"	5/8"-11	80	13,300
6NZ02	7"	7/8"	24	8,600
6NZ03	7"	7/8"	36	8,600
6NZ04	7"	7/8"	60	8,600
6NZ05	7"	7/8"	80	8,600

### TYPE 27 HEAVY DUTY

Item No.	Dia.	Hole	Grit	RPM
6NX78	4-1/2"	7/8"	40	13,300
6NX79	4-1/2"	7/8"	50	13,300
6NX80	4-1/2"	7/8"	60	13,300
6NX81	4-1/2"	7/8"	80	13,300
6NX82	4-1/2"	7/8"	120	13,300
6NX83	4-1/2"	5/8"-11	40	13,300
6NX84	4-1/2"	5/8"-11	60	13,300
6NX85	4-1/2"	5/8"-11	80	13,300
6NZ06	7"	7/8"	40	8,600
6NZ07	7"	7/8"	60	8,600
6NZ08	7"	7/8"	80	8,600

### TYPE 29

Item No.	Dia.	Hole	Grit	RPM
6NX86	4-1/2"	7/8"	36	13,300
6NX87	4-1/2"	7/8"	40	13,300
6NX88	4-1/2"	7/8"	60	13,300
6NX89	4-1/2"	7/8"	80	13,300
6NX90	4-1/2"	5/8"-11	36	13,300
6NX91	4-1/2"	5/8"-11	40	13,300
6NX92	4-1/2"	5/8"-11	60	13,300
6NX93	4-1/2"	5/8"-11	80	13,300

### TYPE 29 HEAVY DUTY

Item No.	Dia.	Hole	Grit	RPM
6NX94	4-1/2"	7/8"	40	13,300
6NX95	4-1/2"	7/8"	60	13,300
6NX96	4-1/2"	7/8"	80	13,300
6NX97	4-1/2"	7/8"	120	13,300
6NX98	4-1/2"	5/8"-11	40	13,300
6NX99	4-1/2"	5/8"-11	60	13,300
6NZ01	4-1/2"	5/8"-11	80	13,300

### SILICON CARBIDE SEMI-FLEX DISCS

Item No.	Dia.	Hole	Grit	RPM
6NZ09	4-1/2"	7/8"	16	13,300
6NZ10	4-1/2"	7/8"	24	13,300
6NZ11	4-1/2"	7/8"	36	13,300
6NZ12	7"	7/8"	16	8,600
6NZ13	7"	7/8"	24	8,600
6NZ14	7"	7/8"	36	8,600



## Bench and Pedestal Wheels

Grind or sharpen a variety of metals

Aluminum oxide wheels are for general purpose off-hand work. Grind hardened or high-speed (high tensile) steels. Silicon carbide for use on tungsten carbide and low tensile steels (cast-iron, brass, bronze, and aluminum).

### Guide to Grit Sizes

Aluminum Oxide

**24 grit** for rough grinding

**36-46 grit** for general purpose work and non-precision grinding

**60-80 grit** for finish grinding, clean-up and deburring

Silicon Carbide

**60 grit** for rough grinding of carbide tools

**80 grit** for general purpose grinding of carbide tools

**100 grit** for finish grinding of carbide tools

Grade

**Soft** B, D, E, F, G, H

**Medium** I, J, K, L, M, N, O, P

**Hard** Q, R, S, T, U, W, X

Arbor Adaptor Bushings  
(Wheels included)

- 5", 6", 7", and 8" wheels include 1/2", 5/8" and 3/4" bushings
- 10" wheels include 3/4" and 1" bushings
- 12" and 14" wheels include 1-1/4" and 1" bushings

### ALUMINUM OXIDE BENCH & PEDESTAL WHEELS

Item No.	Diameter	Width & Hole	Grit	Grade	RPM
6NW94	5"	1/2" x 1"	36	O	4,965
6NW95	5"	1/2" x 1"	60	M	4,965
6NW96	5"	1/2" x 1"	80	M	4,965
6NW97	6"	1/2" x 1"	36	O	4,455
6NW98	6"	1/2" x 1"	60	M	4,456
6NW99	6"	1/2" x 1"	80	M	4,456
6NX04	6"	3/4" x 1"	36	O	4,456
6NX05	6"	3/4" x 1"	46	M	4,456
6NX06	6"	3/4" x 1"	60	M	4,456
6NX07	6"	3/4" x 1"	80	M	4,456
6NX11	6"	1" x 1"	36	O	4,456
6NX12	6"	1" x 1"	66	M	4,456
6NX13	6"	1" x 1"	60	M	4,456
6NX14	6"	1" x 1"	80	M	4,456
6NX18	7"	3/4" x 1"	46	M	3,760
6NX19	7"	3/4" x 1"	60	M	3,760
6NX21	7"	1" x 1"	36	O	3,760
6NX22	7"	1" x 1"	46	M	3,760
6NX23	7"	1" x 1"	60	M	3,760
6NX24	7"	1" x 1"	80	M	3,760
6NX28	8"	1" x 1"	24	Q	3,600
6NX29	8"	1" x 1"	36	Q	3,600
6NX30	8"	1" x 1"	46	M	3,600
6NX31	8"	1" x 1"	60	M	3,600
6NX32	8"	1" x 1"	80	M	3,600
6NX36	10"	1" x 1-1/4"	24	Q	2,483
6NX37	10"	1" x 1-1/4"	36	O	2,483
6NX38	10"	1" x 1-1/4"	46	M	2,483
6NX39	10"	1" x 1-1/4"	60	M	2,483
6NX40	10"	1" x 1-1/4"	80	M	2,483
6NX44	10"	1-1/2" x 1-1/4"	36	O	2,483
6NX45	10"	1-1/2" x 1-1/4"	46	M	2,483
6NX46	10"	1-1/2" x 1-1/4"	60	M	2,483
6NX49	12"	2" x 1-1/2"	24	Q	2,220
6NX50	12"	2" x 1-1/2"	36	O	2,220
6NX51	12"	2" x 1-1/2"	46	M	2,220
6NX52	12"	2" x 1-1/2"	60	M	2,220
6NX55	14"	2" x 1-1/2"	36	O	1,772
6NX56	14"	2" x 1-1/2"	46	M	1,772

### SILICON CARBIDE BENCH & PEDESTAL WHEELS

Item No.	Diameter	Width & Hole	Grit	Grade	RPM
6NX01	6"	1/2" x 1"	60	I	4,456
6NX02	6"	1/2" x 1"	80	I	4,456
6NX03	6"	1/2" x 1"	100	I	4,456
6NX08	6"	3/4" x 1"	60	I	4,456
6NX09	6"	3/4" x 1"	80	I	4,456
6NX10	6"	3/4" x 1"	100	I	4,456
6NX15	6"	1" x 1"	60	I	4,456
6NX16	6"	1" x 1"	80	I	4,456
6NX17	6"	1" x 1"	100	I	4,456
6NX20	7"	3/4" x 1"	60	I	3,760
6NX25	7"	1" x 1"	60	I	3,760
6NX26	7"	1" x 1"	80	I	3,760
6NX27	7"	1" x 1"	100	I	3,760
6NX33	8"	1" x 1"	60	I	3,600
6NX34	8"	1" x 1"	80	I	3,600
6NX35	8"	1" x 1"	100	I	3,600
6NX41	10"	1" x 1-1/4"	60	I	2,483
6NX42	10"	1" x 1-1/4"	80	I	2,483
6NX43	10"	1" x 1-1/4"	100	I	2,483
6NX47	10"	1-1/2" x 1-1/4"	60	I	2,483
6NX48	10"	1-1/2" x 1-1/4"	80	I	2,483
6NX53	12"	2" x 1-1/2"	60	I	2,220
6NX54	12"	2" x 1-1/2"	80	I	2,220
6NX57	14"	2" x 1-1/2"	60	I	1,773