

## Tiger® Surface Conditioning Discs & Back-up Pads / Wire Wheels

### Surface Conditioning Discs



Surface blending on stainless steel



#### Hook & Loop Style Discs



Dia.	Grade	Part No.
2"	Very Fine (Blue)	51503
	Medium (Maroon)	51504
	Coarse (Brown)	51505
3"	Very Fine (Blue)	51506
	Medium (Maroon)	51507
	Coarse (Brown)	51508
4"	Very Fine (Blue)	51509
	Medium (Maroon)	51510
	Coarse (Brown)	51511
4-1/2"	Very Fine (Blue)	51512
	Medium (Maroon)	51513
	Coarse (Brown)	51514
5"	Very Fine (Blue)	51515
	Medium (Maroon)	51516
	Coarse (Brown)	51517
6"	Very Fine (Blue)	51518
	Medium (Maroon)	51519
	Coarse (Brown)	51520
7"	Very Fine (Blue)	51521
	Medium (Maroon)	51522
	Coarse (Brown)	51523
8"	Very Fine (Blue)	51524
	Medium (Maroon)	51525
	Coarse (Brown)	51526

#### Hook & Loop Style Back-up Pads

1/4" Stem



Size	Max. RPM	Part No.
2" x 1/4" Stem	16,000	51561
3" x 1/4" Stem	16,000	51562
4" x 1/4" Stem	16,000	51563
4-1/2" x 5/8"-11 Arbor Hole	13,000	51569
5" x 5/8"-11 Arbor Hole	10,000	51575
6" x 5/8"-11 Arbor Hole	8,000	51577
7" x 5/8"-11 Arbor Hole	6,000	51578
8" x 5/8"-11 Arbor Hole	4,500	51579

Do not exceed the maximum RPM of the back-up pad.

#### Plastic Button Style Back-up Pads

1/4" Stem



Dia.	Max. RPM	Part No.
1-1/2"	30,000	51550
2"	25,000	51551
3"	20,000	51552
4"	12,000	51553



## Industrial Brushes

### Brushing Guide

#### Proper Brushing Procedure

For maximum brushing results, use the lightest pressure necessary to accomplish the job. Let the wire tips do the work; excessive pressure can cause wire breakage.



#### Wire Brushes vs. Abrasive Wheel

Power brushing removes dirt, contaminants and oxides from base material, not the base material itself. In some applications, hard abrasive wheels will remove the base material while removing the unwanted top layer.



### Safety Guide

#### No. 1

##### Safety Goggles

Safety goggles or full face shields worn over safety glasses with side shields must be worn by all operators and others in the area of power brush operations.

#### No. 2

##### Protective Equipment

Appropriate protective clothing and equipment must be used where there is a possibility of injury that can be prevented by such clothing or equipment.

#### No. 3

##### Guards

Keep all machine guards in place.

#### No. 4

##### Speeds

Observe all speed restrictions indicated on brushes, containers, labels or printed pertinent literature. MSFS, "Maximum Safe Free Speed" should not be exceeded under any circumstances.

### Bench and Straight Grinder Wire Wheels



#### Steel Wire Wheels

- Provide fine to medium brushing action.
- Excellent for uneven surfaces.



Diameter	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.
6"	.014	5/8"-1/2"	1/2"	6,000	BW-605
			1"		BW-610

## Wire Brushes / Wheels

### Knot Style for Small Angle Grinders



#### Standard Twist Wheels

- Cleaning grooves and bead welds.
- Easy to handle.



Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.	
					Steel	Stainless
4"	.014	5/8"-11 UNC	1/2"	20,000	BW-750 •	BW-9750 •
		1/2"-13 UNC			BW-751 •	BW-9751 •
		M-10 x 1.25			BW-752 •	BW-9752 •
		M-10 x 1.50			BW-753 •	BW-9753 •
		M-14 x 2.0			BW-754 •	BW-9754 •
		3/8"-24 UNF			BW-755 •	BW-9755 •



#### Stringer Bead Twist Wheels

- Cleaning of stringer bead welds.
- Great for fillet weld cleaning.



KEY	
•	POP
□	Box
-	Bulk

Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.	
					Steel	Stainless
4"	.020	5/8"-11 UNC	3/16"	20,000	BW-840 •	BW-9840 •
		1/2"-13 UNC			BW-841 •	BW-9841 •
		M-10 x 1.25			BW-842 •	BW-9842 •
		M-10 x 1.50			BW-843 •	BW-9843 •
		M-14 x 2.0			BW-844 •	BW-9844 •
		3/8"-24 UNF			BW-845 •	BW-9845 •

### Crimped Wire Wheels for Small Angle Grinders



#### Crimped Steel Wire Wheels

- Fast cleaning action.
- Surface preparation.



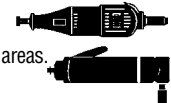
Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.
4"	.014	5/8"-11 UNC	1/2"	14,000	BW-450 •
		1/2"-13 UNC			BW-451 •
		M-10 x 1.25			BW-452 •
		M-10 x 1.50			BW-453 •
		M-14 x 2.0			BW-454 •
		3/8"-24 UNF			BW-455 •

### Small Diameter Crimped Wire Wheels



#### Small Wire Wheels

- Clean internal surfaces and hard-to-reach areas.
- For use on high speed grinders.



Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.	
					Steel	Stainless
3"	.0118	1/2"-3/8"	1/2"	20,000	BW-701 -	
					BW-702 -	
	.014				BW-702C •	
	.0118				BW-703 -	
					.014	BW-704 -
	BW-704C •					

### Brush Drive Arbor

Brush drive arbors are display packed for P.O.P. merchandising.

- Arbor Size: 1/2"  
Shank Size: 1/4"  
Overall Length: 1-3/4"  
Part No. BW-594



### Threaded Arbor Adapters

Small, high speed angle grinder adapters used to convert 5/8"-11 UNC.



Arbor Hole	Part No.
5/8"-11 to M-10 x 1.25	BW-590 -
5/8"-11 to M-10 x 1.50	BW-591 -
5/8"-11 to 3/8"-24	BW-592 -

### Stem Mounted Wire Brushes



#### Crimped Wire End Brushes w/ 1/4" Stem



Dia.	Wire Size	Trim Length	Max. RPM	Part No.	
				Steel	Stainless
3/4"	.014	7/8"	22,000		BW-9206 -
				BW-206 -	
				BW-204 -	
				BW-203 -	
				BW-203C •	
1"	.014	7/8"	22,000	BW-210 -	BW-9210 -
				BW-209 -	
				BW-215C •	



#### Knot Style End Brushes w/1/4" Stem

Dia.	Wire Size	Trim Length	Max. RPM	Part No.	
				Steel	Stainless
3/4"	.014	7/8"	22,000	BW-207 -	
				BW-208 -	
				BW-208C •	
1-1/8"	.014	7/8"	22,000	BW-211 -	
				BW-212 -	
	.020			BW-212C •	BW-9212C •

## Stem Mounted Wire Brushes

### Crimped Wire Brushes w/1/4" Stem



KEY	
•	POP
□	Box
-	Bulk

Diameter	Wire Size	Trim Length	Max. RPM	Part No.	
				Steel	Stainless
<b>Light Duty Cup Brush</b>					
2-1/2"	.014	1"	4,500	BW-213C •	
<b>Wheels</b>					
2"	.0118	1/2"	20,000	BW-217 -	
				BW-217C •	
3"	.008	1"	20,000	BW-218 -	
	.0118			BW-219 -	
	.014			BW-220 -	BW-9220 -
<b>Flared Wheels</b>					
2-1/2"	.014	1"	20,000	BW-216 -	
				BW-216C •	
<b>Encapsulated Wire Wheel</b>					
3"	.0118	1"	20,000	BW-214C •	

## Crimped Wire and Knot Style Cup Brushes

### Crimped Wire Cup Brushes

- Fast cleaning action.
- Rust removal.
- Surface Preparation.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Part No.	
					Steel	Stainless
4"	.014	5/8"-11	1-3/8"	9,000	BW-339 □	
	.020				BW-340 □	
5"	.020	5/8"-11	1-3/8"	9,000	BW-350 □	BW-9350 □
6"	.014	5/8"-11	1-1/4"	8,000	BW-359 □	
	.020				BW-360 □	

### Heavy Duty Knot Brushes

- Fast cleaning action on large surfaces.
- Cleaning corners and hard-to-reach places.
- Long lasting.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Row Count	Part No.	
						Steel	Stainless
4"	.014	5/8"-11	1-1/4"	9,000	1	BW-440 □	
	.020		1-3/8"			BW-2441□	
	.023		1-1/4"			BW-441 □	BW-9441□
6"	.014	5/8"-11	1-1/4"	7,000	1	BW-459 □	
	.023					BW-461 □	
	.035		1-3/8"			BW-460 □	BW-9460□
	.023					BW-2461□	BW-9461□
.035	BW-2460□						

## Cup Brushes for Small Angle Grinders

### Crimped Wire Cup Brushes

- Greater brushing flexibility.
- Removes light rust & oxides.
- Fast brushing action.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Part No.	
					Steel	Stainless
2-3/4"	.014	5/8"-11 UNC	7/8"	14,000	BW-320 •	
		1/2"-13 UNC			BW-321 •	
		M-10 x 1.25			BW-322 •	
		M-10 x 1.50			BW-323 •	
		M-14 x 2.0			BW-324 •	
		3/8"-24 UNF			BW-325 •	
3-1/2"	.014	5/8"-11 UNC	3/4"	12,000	BW-326 □	BW-9326 □

## Wire Brushes / Wheels

### Cup Brushes for Small Angle Grinders

#### Knot Style Brushes

- Weld cleaning.
- Pipe bevel cleaning.
- Cleaning hard-to-reach areas.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Row Count	Part No.	
						Steel	Stainless
2-3/4"	.014	5/8"-11 UNC	7/8"	14,000	1	BW-420 •	BW-9420 •
		1/2"-13 UNC				BW-421 •	BW-9421 •
		M-10 x 1.25				BW-422 •	BW-9422 •
		M-10 x 1.50				BW-423 •	BW-9423 •
		M-14 x 2.0				BW-424 •	BW-9424 •
3/8"-24 UNF	BW-425 •	BW-9425 •					
3-1/2"	.020	5/8"-11 UNC	7/8"	13,000	1	BW-426 □	BW-9426 □

**KEY**

- POP
- Box
- Bulk

### Knot Style Wire Wheel Brushes

#### Standard Twist Wheels

- Fast cleaning action.
- Weld cleaning.
- Surface preparation.



Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.	
					Steel	Stainless
3"	.014	1/2"-3/8"	3/8"	25,000	BW-730C •	BW-720C •
4"	.014	1/2"-3/8"	1/2"	20,000	BW-740 -	
	.020				BW-756 -	
					BW-756C •	
6"	.016	5/8"-1/2"	1/2"	9,000	BW-763 -	BW-9765 -

#### Stringer Bead Twist Wheels

- Special construction to prevent unwinding of knots.
- Cleaning stringer bead welds.
- Quick mount threaded nut.



Dia.	Wire Size	Arbor Hole	Face Width	Max. RPM	Part No.	
					Steel	Stainless
5"	.020	5/8"-11 UNC	3/16"	12,500	BW-855 •	
		M-14 x 2.0			BW-856 •	
6"	.020	5/8"-11 UNC	3/16"	12,500	BW-861 •	BW-862 •
	.023		1/2"	9,000	BW-760 •	
6-7/8"	.020	5/8"-11 UNC	3/16"	9,000	BW-865 •	

### Packaged Kits

#### Air Tool / Drill Accessory Kit

Contains 2 brushes and 2 wheels:

- 3/4" crimped wire end brush, .020 steel wire.
- 1-3/4" crimped wire cup brush, .0118 steel wire.
- 3" crimped wire wheel, .014 steel wire.
- 3" abrasive flap wheel, 80 grit / aluminum oxide grain.

Part No. BW-GK



#### Mini Grinder Kit

Contains 1 brush and 2 wheels:

- 2-3/4" knot wire cup brush, .014 steel wire.
- 4" stringer bead knot wire wheel, .020 steel wire.
- 4-1/2" abrasive flap disc, 60 grit / zirconium grain.

Part No. BW-DK

