

# Point-of-purchase wire brushes



**TRUST BLUE**

- For individual retail display and sale
- Includes Industrial and Economy Line brushes
- Packaged in clear plastic clamshell for easy identification

# Point-of-purchase packaging

## PFERD product presentation



### Benefits

- Clear plastic clamshell for maximum product visibility
- Individually labelled clamshell packaging for easy reference aiding in on-the-job safety
- Brush fully enclosed – Keeps brush protected from contaminants
- Reusable storage container
- Includes safety inserts in English, French and Spanish
- Useful hanging hole for optimum product presentation on your sales wall

### Product Information

The packaging design of PFERD's POP brushes contain detailed product information including:

- The product range (PSF, SG, and SGP lines)
- The filament material
- Recommended applications
- Special features of the product (such as COMBITWIST® alternating-knot construction)
- Maximum Safe Free Speed
- Scannable UPC Barcode for retailers

In addition to the details printed on the insert cards, PFERD offers a link to even more product details with a QR code that leads the user directly to PFERD's website.



### The Universal Line PSF

All PFERD power brushes are designed, tested, manufactured, and inspected to assure quality with a particular concern for safety considerations. To promote safety, users must be aware of potential hazards and their responsibilities for safe and proper operation of power brushes.

The Universal Line PSF contains a selection of the most popular brush sizes and styles used by contractors and tradesmen in single-use, shift-work environments. The offering includes abrasive filament as well as crimped and knot style radial, cup, end and scratch brushes. The design of these brushes is tailored for power tools that are frequently found on contractor jobsites such as drills, angle grinders, die grinders and bench grinders.

Warnings, safety requirements, and product limitations and application suggestions are printed in this catalog and in other literature, marked on brushes (when feasible), and/or supplied on or in the product container. These warnings and requirements must be observed by all power brush operators. Failure to do so may endanger the brush operator and others in the area of the brushing operation.

### Safety requirements summary

- 1. Protective 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.** Comply with the requirements of ANSI Z87.1 "Occupational Eye and Face Protection".
- 2. Guards:** Keep all machine guards in place.
- 3. Speeds:** Observe all speed restrictions indicated on the brushes, containers, labels, or printed in pertinent literature. "MSFS" means Maximum Safe Free Speed [RPM] – spinning free with no work applied. For reasons of safety, the "MSFS" should not be exceeded under any circumstances.
- 4. Safety standards:** Comply with the safety standards of the American Brush Manufacturers' Association and the American National Standards Institute standard ANSI B165.1, "Safety Requirements – Power Brushes".
- 5. Protective equipment:** Appropriate protective clothing and equipment must be used where a possibility of injury exists that can be prevented by such clothing or equipment.
- 6. Dust warning:** Use of the products in this catalogue may create dust and other particles. To avoid any risk of adverse health effects, the operator must use appropriate protective measures, including a respirator, during and after operation. Refer to our Safety Data Sheet (SDS) for further information regarding the product to

be used. Furthermore, additional health hazards may result from dust in the surrounding environment and from dust generated from the work-piece material. **PROTECTIVE MEASURES FOR THE OPERATOR MUST ADDRESS DUST AND OTHER PARTICULATES ARISING FROM ALL SOURCES.** Always use our products in a well-ventilated workspace.

### Safety recommendations



= Wear protective goggles!



= Wear protective gloves!



= Wear dust respirator!



= Observe safety recommendations!



Read the Safety Data Sheets (SDS) = before using any materials! ([www.pferdusa.com](http://www.pferdusa.com)).

### Warning!

**Failure to observe safety precautions may result in injury.**



### Read all safety information and follow all instructions on packaging

You must follow all operator and safety instructions, as well as common safety practices which will reduce the likelihood or severity of physical injury.

Many brush manufacturers mark some safety warnings, recommendations, and usage restrictions directly on the product. It is not always practical to include even the most limited safety information on the brush itself. Therefore, the operator **MUST READ** and **FOLLOW** all instructions supplied in or on the product container as well as those marked on the product itself. The operator should also refer to the safety and operating information printed in the brush manufacturer's catalogue and other literature.

### Availability of ANSI standards

In this catalogue, reference is made to these ANSI standards: ANSI B-165.1, ANSI Z87.1. Copies of these standards are available at public libraries and from the American Brush Manufacturers' Association, 736 Main Ave., Suite 7, Durango, CO 81301, Tel: (720) 392-ABMA (2262), Fax: (866) 837-8450, email: [info@ABMA.org](mailto:info@ABMA.org);

or American National Standards Institute, Inc. (ANSI), 1900 Arch Street, Philadelphia, PA 19103 (B165.1 only).

### ANSI standard B165.1 arbor holes

ANSI standard B165.1-2013 dictates maximum face widths and minimum arbor hole sizes allowable. All brushes listed in this catalogue conform to all ANSI standards.

If you require a brush that does not conform to these standards, please contact your distributor for assistance.

#### Note:

The maximum face width listed in this table refers to shafts that are supported by one end only, such as angle and bench grinders. It does not apply to shafts that are supported by bearings at both ends.

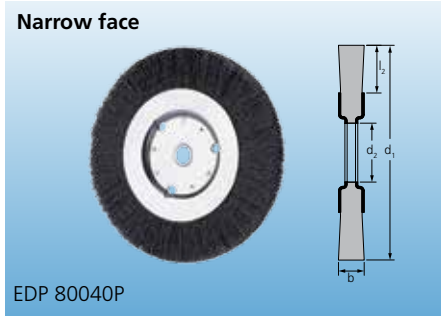
Wheel diameter	Minimum arbor hole	Maximum face width
2	1/4	3/4
3	1/4	3/4
4	3/8	1
6	1/2	1-1/4
8	5/8	1-1/4
10	3/4	2
12	1	3
14	1-1/4	3
15	2	3
16	2	3

### Prevent problems due to mechanical failure

Do not allow unsafe conditions to continue. Occasionally, due to worn bearings, a bent spindle, an unusual application, operator abuse or inappropriate use, a brush may fail. A brush which is not received in acceptable condition for trouble-free operation may also fail. Do not use or continue to use a failed brush, or one which is functioning improperly (i.e., throwing filaments, out-of-balance, etc.), as this increases the possibility for further brush failure and hazard of injury. The cause of the failure should be evaluated and corrected immediately.

# Point-of-purchase power brushes

## Industrial line




Used for light to medium duty brushing action, these wheels are designed for individual use in confined areas, or in assemblies mounted on a shaft. They are best suited for brushing uneven surfaces and areas inaccessible to wider brushes. Ideal for removal of light scale, dirt, rust, corrosion and light burrs.

### Ordering note

All wheels with 1-1/4" arbor hole are provided with 1/4" x 1/8" keyways.

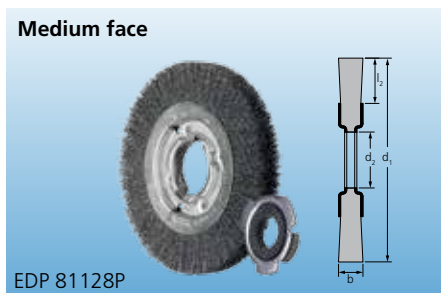
Made in the USA.



Diameter d <sub>1</sub> [Inches]	Arbor hole d <sub>2</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	Face width b [Inches]	Width on arbor [Inches]	Included adapter [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	Adapter style	
						.008	.014				

### Carbon steel wire

6	5/8	1-1/8	5/8	7/16	1/2	80039P	80042P	4,000 - 6,000	8,000	D	5
8	1-1/4	1-1/2	3/4	1/2	-	-	81449P	3,000 - 4,500	6,000	A	5




Medium face brushes are designed for medium to heavy duty use either individually or gang mounted. As with all PFERD crimped wire wheel brushes, the metal components and adapters are designed for a flush fit when gang-mounted. This design ensures a consistent, seamless surface finish. Also recommended for bench/pedestal grinders.

### Ordering note

All medium face crimped wire wheel brushes are supplied with metal adapters that reduce the 2" AH to 1-1/4". In addition, a selection of metric and imperial plastic reducing adapters are also included in every box.

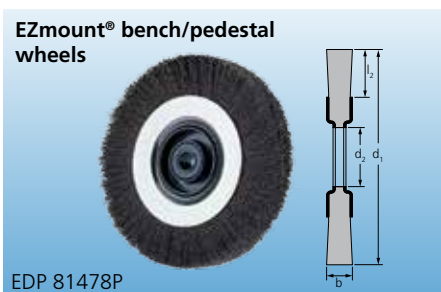
Please refer to ANSI minimum shaft size standards page 3 for appropriate adapters.

Made in the USA.

Diameter d <sub>1</sub> [Inches]	Arbor hole d <sub>2</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	Face width b [Inches]	Width on arbor [Inches]	Wire Diameter	EDP	Recom. speed [RPM]	MSFS max. [RPM]	Adapter style	
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### Carbon steel wire

6	2	1-1/8	1-1/16	13/16	.014	81116P	3,000 - 4,500	6,000	C, K	5
7	2	1-5/16	1	7/8	.014	81122P	3,000 - 4,500	6,000	C, K	5
8	2	1-1/2	1	7/8	.014	81128P	2,300 - 3,400	4,500	C	5



EZmount® crimped wire wheel eliminates mounting problems commonly found with other bench brushes. It's designed with a flat side profile that matches all mounting flanges on pedestal and bench grinders for a correct fit. Easy installation takes seconds. The telescoping bushing is self-sizing and makes full width contact to prevent the brush from falling into spindle threads.


### Recommendation for use

For use on bench/pedestal grinders.

### Ordering note

Includes adapter style "E".

Made in the USA.

Diameter d <sub>1</sub> [Inches]	Arbor hole d <sub>2</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	Face width b [Inches]	Width on arbor [Inches]	Included adapter [Inches]	Wire diameter and EDP number	Recom. speed [RPM]	MSFS max [RPM]	Adapter style	
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### Carbon steel wire

6	2	7/8	7/8	3/4	1, 3/4, 5/8, 1/2	81474P	3,000 - 4,500	6,000	E	5
8	2	7/8	7/8	3/4	1, 3/4, 5/8	81478P	2,000 - 3,000	4,500	E	5

Crimped wire wheel brushes are less aggressive than knot wire type for lighter-duty applications. Crimped wire is more flexible, and leaves a superior surface finish.

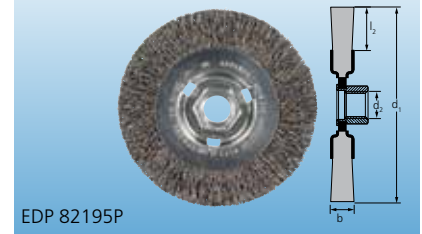
For weld cleaning, rust, paint, adhesive and oxidation removal, cleaning, light deburring, and flash removal.

### Recommendation for use


Recommended for use on angle grinders.

Made in the USA.

### High speed mini wheel



EDP 82195P

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number	Recom. speed [RPM]	MSFS max. [RPM]	
4	5/8-11	1 1/16	1/2	.014 82195P	6,000 - 12,500	12,500	5

### Carbon steel wire



Standard twist knot wheel brushes feature knots that are twisted approximately 75% of the length of the trim. The loosely-twisted knots cover a larger surface area and are ideal for heavy-duty cleaning and surface conditioning. For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

### Ordering note


All wheels with 1-1/4" arbor holes include 1/4" x 1/8" keyways. All wheels with 2" arbor hole include 1/2" x 1/4" keyways.

Made in the USA.

### Standard twist, single row, standard flag



EDP 81666P

Dia. $d_1$ [Inches]	Arbor hole $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Width on arbor [Inches]	Incl. adapter [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	Adapter style	
4	1/2	22	3/4	5/8	7/16	3/8	.014	81657P	10,000 - 15,000	20,000	F	5
6	5/8	32	1-1/8	5/8	9/16	1/2	.016	81666P	4,500 - 6,500	9,000	F	5
8	5/8	42	1-5/8	5/8	5/8	-	-	81704P	3,500 - 5,000	7,000	-	5

### Carbon steel wire

### Stainless steel wire (INOX)



Standard twist knot wheel brushes with threaded nut for easy change out. Features loosely twisted knots for aggressive brushing action with a good surface finish. They are ideal when heavy-duty or severe cleaning is required.

For weld cleaning, weld spatter removal, scale removal, cleaning, deburring, and flash removal.

### Recommendation for use


For optimal performance, use on angle grinders.

Made in the USA.

### Standard twist



EDP 82153P

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter	EDP number	Recom. speed [RPM]	MSFS max. [RPM]	
4	5/8-11	22	7/8	5/8	.014	82153P	10,000 - 15,000	20,000	5
4	5/8-11	22	7/8	5/8	.014	82283P	8,000 - 15,000	20,000	5

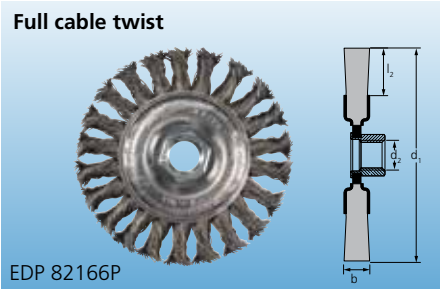
### Carbon steel wire

### Stainless steel wire (INOX)

# Point-of-purchase power brushes

## Industrial line

### Full cable twist




EDP 82166P

Narrow face allows better control of surface contact area. Full cable twist is ideal for the tough brushing applications where surface finish is a low priority.

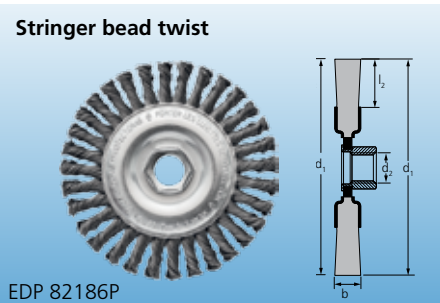
#### Recommendation for use

For optimal performance, use on angle grinders.

Made in the USA.

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number				Recom. speed [RPM]	MSFS max. [RPM]	
					.014	.016	.020	.023			
<b>Carbon steel wire</b>											
4	5/8-11	22	3/4	1/2	82165P	-	82166P	-	10,000 - 15,000	20,000	5
5	5/8-11	24	3/4	1/2	-	-	-	82474P	7,500 - 1,5000	15,000	5
6	5/8-11	24	1-1/4	1/2	-	-	-	82477P	5,000 - 10,000	10,000	5
6	5/8-11	30	1-1/4	1/2	-	82476P	-	82478P	5,000 - 10,000	10,000	5
<b>Stainless steel wire (INOX)</b>											
4	5/8-11	22	3/4	1/2	82295P	-	-	-	8,000 - 15,000	20,000	5

### Stringer bead twist



EDP 82186P

Stringer bead knot wheel brushes are tightly twisted for low flex, high impact brushing action. Designed for root and hot pass weld cleaning in pipe joining applications. Also for general use where a narrow face, aggressive brush is desired for controlled, confined surface contact area.


Designed for applications requiring aggressive brushing action.

#### Recommendation for use

For optimal performance, use on angle grinders.

Made in the USA.



Diameter $d_1$ [Inches]	Bore/thread size $d_2$	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number	Recom. speed [RPM]	MSFS max. [RPM]	
					.020			
<b>Carbon steel wire</b>								
4	5/8-11	32	3/4	3/16	82186P	10,000 - 15,000	20,000	5
4	1/2-13	32	3/4	3/16	82187P	10,000 - 15,000	20,000	5
4	M10x1.25	32	3/4	3/16	82190P	10,000 - 15,000	20,000	5
4-1/2	5/8-11	32	1	3/16	82194P	10,000 - 15,000	20,000	5
4-7/8	5/8-11	48	3/4	3/16	82483P	7,500 - 15,000	15,000	5
6	5/8-11	48	1-1/8	3/16	82487P	6,000 - 12,500	12,500	5
6	5/8-11	56	1-1/8	3/16	82488P	6,000 - 12,500	12,500	5
6-7/8	5/8-11	56	1-1/8	3/16	82494P	4,500 - 9,000	9,000	5
<b>Stainless steel wire (INOX)</b>								
4	5/8-11	32	3/4	3/16	82307P	8,000 - 15,000	20,000	5
4-7/8	5/8-11	48	3/4	3/16	82608P	6,000 - 15,000	15,000	5
6	5/8-11	48	1-1/8	3/16	82612P	5,000 - 12,500	12,500	5



### COMBITWIST® advantages

- More aggressive brushing
- Longer brush life
- Superior rotational balance
- Faster stock removal
- Reduced operator fatigue
- Better surface finish

### Recommendation for use

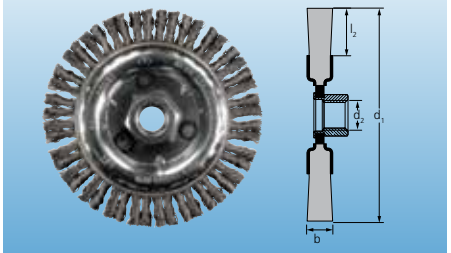
For optimal performance, use on angle grinders.


Made in the USA.

### PFERDERGONOMICS®



### Stringer bead twist, COMBITWIST®



Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number	Recom. speed [RPM]	MSFS max. [RPM]	
					.020			
<b>Carbon steel wire</b>								
4	5/8-11	32	3/4	3/16	82391P	10,000 - 15,000	20,000	5
4-1/2	5/8-11	32	1	3/16	82392P	10,000 - 15,000	20,000	5



For light duty application and surface cleaning, flat brushing and flash removal.

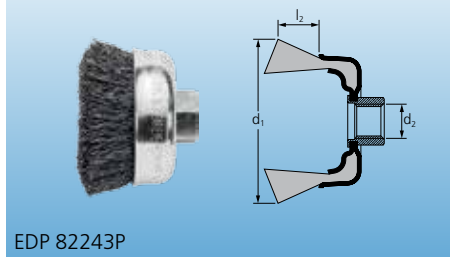
Recommended for use on portable power tools to remove paint, burrs, and corrosion.

### Recommendation for use


Suitable power tools: stationary machines, and angle grinders. When using angle grinders, please observe maximum safe free speed (MSFS).



Made in the USA.

### External nut



EDP 82243P

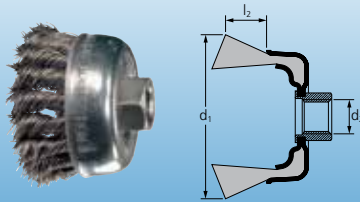
Diameter $d_1$ [Inches]	Thread size $d_2$	Trim length $l_2$ [Inches]	Wire diameter and EDP number	Recom. speed [RPM]	MSFS max. [RPM]	
			.014	.020		
<b>Carbon steel wire</b>						
2-3/4	5/8-11	7/8	82243P	-	7,000 - 14,000	5
2-3/4	M10x1.50	7/8	82246P	-	7,000 - 14,000	5
2-3/4	M10x1.25	7/8	82247P	-	7,000 - 14,000	5
3-1/2	5/8-11	7/8	82249P	-	6,000 - 12,500	5
4	5/8-11	1-1/4	82510P	82511P	4,500 - 9,000	2
5	5/8-11	1-1/4	-	82515P	4,000 - 8,000	2
6	5/8-11	1-3/8	82516P	82517P	3,000 - 6,000	2
<b>Stainless steel wire (INOX)</b>						
2-3/4	5/8-11	7/8	82353P	-	5,500 - 14,000	5

Minigrinder adapter insert	Fits brush thread	Fits tool spindle thread	EDP number	
	5/8-11	M10x1.25	84645P	5
	5/8-11	M10x1.50	84646P	5
	5/8-11	3/8-24	84647P	5

# Point-of-purchase power brushes

## Industrial line

### External nut, single row, standard twist



EDP 82232P

For use on large surfaces where a great deal of brushing is required. Good for corners and angles, and removal of contaminants such as scale, concrete, slag, and marine growth.


#### Recommendation for use

Suitable power tools: stationary machines, and angle grinders. When using angle grinders, please observe maximum safe free speed (MSFS).

Please see below for thread adapters.

Made in the USA.



Diameter d <sub>1</sub> [Inches]	Thread size d <sub>2</sub>	No. of knots	Trim length l <sub>2</sub> [Inches]	Wire diameter and EDP number			Recom. speed [RPM]	MSFS max. [RPM]	
				.014	.020	.023			

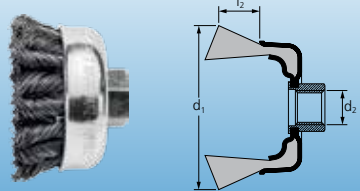
#### Carbon steel wire

2-3/4	5/8-11	18	7/8	82219P	82220P	-	7,000 - 14,000	14,000	5
2-3/4	M10x1.50	18	7/8	-	82226P	-	7,000 - 14,000	14,000	5
2-3/4	M10x1.25	18	7/8	-	82228P	-	7,000 - 14,000	14,000	5
2-3/4	M14x2.0	18	7/8	-	82230P	-	7,000 - 14,000	14,000	5
3-1/2	5/8-11	20	7/8	82231P	82232P	-	6,000 - 12,500	12,500	2
4	5/8-11	24	1-1/4	82522P	-	82523P	4,500 - 9,000	9,000	2
6	5/8-11	36	1-1/2	-	-	82531P	3,000 - 6,000	6,000	2

#### Stainless steel wire (INOX)

2-3/4	5/8-11	18	7/8	82329P	82330P	-	5,500 - 14,000	14,000	5
3-1/2	5/8-11	20	7/8	-	82342P	-	5,000 - 12,500	12,500	2

### External nut, single row, standard twist, COMBITWIST®



EDP 82751P

#### COMBITWIST® advantages

- More aggressive brushing
- Longer brush life
- Superior rotational balance
- Faster stock removal
- Reduced operator fatigue
- Better surface finish


Made in the USA.

PFERDERGONOMICS®



## COMBITWIST®





Diameter d <sub>1</sub> [Inches]	Thread size d <sub>2</sub> [Inches]	No. of knots	Trim length l <sub>2</sub> [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
				.014	.020			

#### Carbon steel wire

2-3/4	5/8-11	18	7/8	82750P	82751P	7,000 - 14,000	14,000	5
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#### Stainless steel wire (INOX)

2-3/4	5/8-11	18	7/8	82855P	-	5,500 - 14,000	14,000	5
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Minigrinder adapter insert	Fits brush thread	Fits tool spindle thread	EDP number	
	5/8-11	M10x1.25	84645P	5
	5/8-11	M10x1.50	84646P	5
	5/8-11	3/8-24	84647P	5





Recommended for mounting on production equipment or angle grinders.

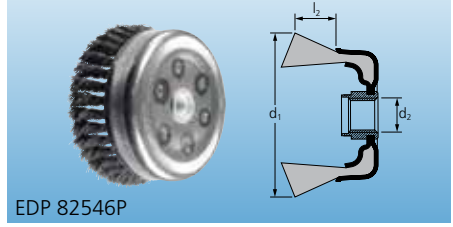
Used for deburring and surface cleaning.

**Recommendation for use**


Suitable power tools: stationary machines, angle grinders. When using angle grinders, please observe maximum safe free speed (MSFS).

Made in the USA.

**Internal nut, single row, standard twist**



EDP 82546P

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
				.014	.023			
<b>Carbon steel wire</b>								
6	5/8-11	36	1-5/8	82545P	82546P	3,000 - 6,000	6,000	2



Crimped wire bevel brushes are less aggressive than knot wire type for lighter-duty applications. Crimped wire is more flexible, and leaves a superior surface finish.

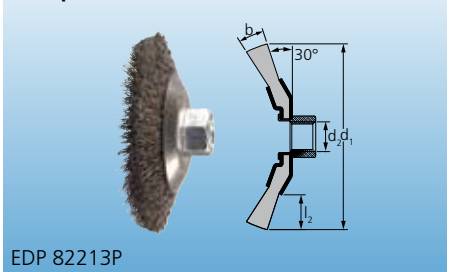
For weld cleaning, scale, rust, paint, adhesive and oxidation removal, cleaning, light deburring, and flash removal, especially on fillets, grooves and inside edges.

**Recommendation for use**


Suitable power tools: designed for use on angle grinders.

Made in the USA.

**Crimped wire**



EDP 82213P

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
				.014				
<b>Carbon steel wire</b>								
4	5/8-11	3/4	1/2	82213P		6,000 - 12,500	12,500	5
<b>Stainless steel wire (INOX)</b>								
4	5/8-11	3/4	1/2	82370P		5,000 - 12,500	12,500	5

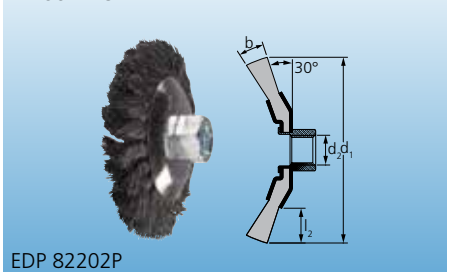


Ideal for working in hard-to-reach areas. Knot wire provides a more aggressive brushing action than crimped wire.


For deburring, weld scale removal, and edge blending of fillets, grooves and inside edges.

Made in the USA.

**Knot wire**



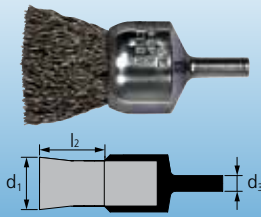
EDP 82202P

Diameter $d_1$ [Inches]	Thread size $d_2$ [Inches]	No. of knots	Trim length $l_2$ [Inches]	Face width $b$ [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
					.014	.020			
<b>Carbon steel wire</b>									
4	5/8-11	22	3/4	1/2	82201P	82202P	10,000 - 15,000	20,000	5

# Point-of-purchase power brushes

## Industrial line

### Crimped wire




EDP 82975P

Industrial grade crimped wire end brushes for working in hard-to-reach places. For use on portable air and electric tools. Used for rubber and plastic flash removal, paint and rust removal, die, mold and surface conditioning.

#### Recommendation for use

Suitable power tools: straight grinders, flexible shafts, power drills.

Made in the USA.

Diameter [Inches]	Outside dia. d <sub>1</sub> [Inches]	Shank dia. d <sub>3</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	Wire diameter and EDP number				Recom. speed [RPM]	MSFS max. [RPM]	
				.006	.010	.014	.020			

#### Carbon steel wire

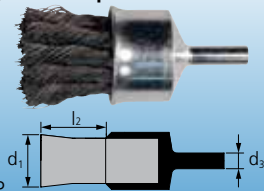
1/2	3/4	1/4	1	-	-	-	82966P	12,500 - 18,700	25,000	5
3/4	1	1/4	1	82967P	-	-	82971P	11,000 - 16,500	22,000	5
1	1-1/4	1/4	1	82972P	82974P	82975P	82976P	10,000 - 15,000	20,000	5

#### Stainless steel wire (INOX)

All stainless steel (INOX) brushes are degreased.

3/4	1	1/4	1	82986P	82988P	-	-	8,500 - 14,000	22,000	5
1	1-1/4	1/4	1	82991P	82993P	-	-	8,000 - 13,000	20,000	5

### Knot wire, flared cup




EDP 83080P

For heavy-duty and severe applications, recessed areas and corners such as weld and mold cleaning.

Suitable power tools: straight grinders, flexible shafts. Recommended for use on variable speed tools.

Made in the USA.

Diameter [Inches]	Outside dia. d <sub>1</sub> [Inches]	Shank dia. d <sub>3</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	No. of knots	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
					.014	.020			

#### Carbon steel wire

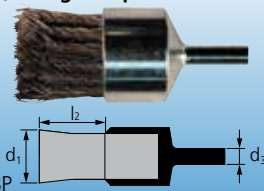
3/4	7/8	1/4	1	8	83072P	83073P	10,000 - 15,000	20,000	5
1	1-1/8	1/4	1	12	83079P	83080P	10,000 - 15,000	20,000	5

#### Stainless steel wire (INOX)

All stainless steel (INOX) brushes are degreased.

3/4	7/8	1/4	1	8	83092P	-	8,000 - 13,000	20,000	5
1	1-1/8	1/4	1	12	83098P	-	8,000 - 13,000	20,000	5

### Knot wire, straight cup




EDP 83138P

Straight cup reduces knot flare, making this brush ideal for reaching into holes and confined areas.

Made in the USA.



Diameter [Inches]	Outside dia. d <sub>1</sub> [Inches]	Shank dia. d <sub>3</sub> [Inches]	Trim length l <sub>2</sub> [Inches]	No. of knots	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
					.010				

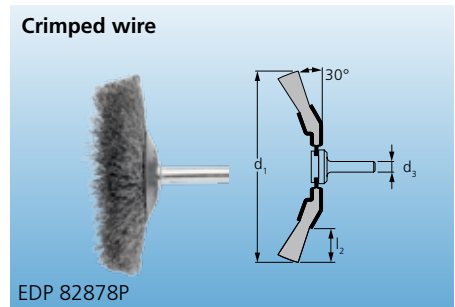
#### Carbon steel wire


1	1-1/8	1/4	1-1/8	12	83138P		10,000 - 15,000	20,000	5
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Concave shape minimizes damage to the work-piece while producing effective side cleaning action and offers high flexibility to follow contours and intricate surface patterns. Use on inside edges, fillets and grooves without scoring bottom areas. Especially for light deburring, scale and rust removal, weld seam cleaning, etc.

Made in the USA.

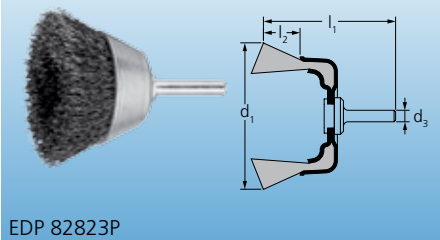


Diameter $d_1$ [Inches]	Stem dia. $d_3$ [Inches]	Trim length $l_2$ [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
			.012	.014			

### Carbon steel wire

1-1/2	1/4	5/16	82852P	-	10,000 - 15,000	20,000	5
2	1/4	7/16	-	82878P	10,000 - 15,000	20,000	5
3	1/4	7/8	-	82863P	10,000 - 15,000	20,000	5


### Crimped wire



Designed for use on easily accessible, level surfaces. For weld and mold cleaning, light deburring, rust, paint and flash removal.

Made in the USA.



Diameter $d_1$ [Inches]	Stem dia. $d_3$ [Inches]	Trim length $l_2$ [Inches]	Wire diameter and EDP number		Recom. speed [RPM]	MSFS max. [RPM]	
			.012				

### Carbon steel wire

1-3/4	1/4	11/16	82823P		6,500 - 10,000	13,000	5
2	1/4	7/8	82826P		6,500 - 10,000	13,000	5
2-1/2	1/4	7/8	82830P		6,500 - 10,000	13,000	5



# Point-of-purchase power brushes

## Universal line



### Universal line brushes

The economy line contains a selection of the most popular brush sizes and styles used by contractors and tradesmen in single-use, shift-work environments. The offering includes abrasive filament as well as crimped and knot style radial, cup, end and scratch brushes.

The design of these brushes is tailored for power tools that are frequently found on contractor jobsites such as drills, angle grinders, die grinders and bench grinders.

#### Crimped wire wheels, narrow face, plain arbor hole



EDP 764206


General purpose wheel for bench/pedestal machines. Use for edge blending, flash removal, cleaning, removing paint, removing rust and corrosion, roughening, matt finishing, and light deburring work.

Suitable power tools: bench grinders, stationary machines, flexible shafts. Tool contact pressure should be kept low. Ensure that work-piece contact is made by wire ends only.

#### Crimped wire wheels, medium face, plain arbor hole



EDP 764190

Diameter [Inches]	Arbor hole [Inches]	Face width [Inches]	Included adapters [Inches]	Wire diameter and EDP number .014	MSFS max. [RPM]	
<b>Carbon steel wire – narrow face</b>						
4	5/8	1/2	1/2	764169	12,500	5
6	5/8	5/8	1/2	764206	8,000	5
8	5/8	13/16	-	764220	6,000	5
<b>Carbon steel wire – medium face</b>						
6	1-1/4	29/32	1, 7/8, 3/4, 5/8	764190	6,000	5
8	1-1/4	1-1/8	1, 7/8, 3/4, 5/8	764213	4,500	5

#### High speed wheel, crimped wire, threaded arbor hole






EDP 764145

Crimped wire wheel brushes are less aggressive than knot wire type for lighter-duty applications. Crimped wire is more flexible, and leaves a superior surface finish.

For weld cleaning, scale, rust, paint, adhesive and oxidation removal.



Diameter [Inches]	Thread size [Inches]	Wire size and EDP number .014	MSFS max. [RPM]	
<b>Carbon steel wire</b>				
4	5/8-11	764145	12,500	5

Minigrinder adapter insert	Fits brush thread	Fits tool spindle thread	EDP number	
 <p>EDP 764336</p>	5/8-11	M10 x 1.25	764336	1
	5/8-11	M10 x 1.50	764343	1

### Standard twist, plain arbor hole




EDP 763988

Standard twist knot wheel brushes feature twisted knots for aggressive brushing action with a good surface finish. They are ideal when heavy-duty or severe cleaning is required.

### Standard twist, threaded arbor hole



EDP 764008

Diameter [Inches]	Arbor hole/thread size [Inches]	Included adapter [Inches]	Wire size and EDP number		MSFS max. [RPM]	
			.014	.020		
<b>Carbon steel wire</b>						
4	1/2	3/8	763919	-	20,000	5
4	5/8-11	-	-	763926	20,000	5
6	5/8	1/2	763988	-	9,000	5
6	5/8	1/2	-	763995	9,000	5
6	5/8-11	-	-	764008	9,000	5
8	5/8	-	-	764053	7,000	5




Stringer bead twist knot wheel brushes are tightly twisted for low flex, high impact brushing action. Designed for root and hot pass weld cleaning in pipe joining applications. Also for general use where a narrow face, aggressive brush is desired.

### Stringer bead twist, threaded arbor hole



EDP 764015

Diameter [Inches]	Thread size [Inches]	No. knots	Wire size and EDP number		MSFS max. [RPM]	
			.020			
<b>Carbon steel wire</b>						
4	5/8-11	32	763940		20,000	5
6	5/8-11	48	764015		12,500	5
7	5/8-11	56	764039		9,000	5
<b>Stainless steel wire (INOX)</b>						
4	5/8-11	32	763957		20,000	5
6	5/8-11	48	764022		12,500	5

# Point-of-purchase power brushes

## Universal line



### Crimped wire cup, external nut



EDP 764176

Crimped wire cup brushes are excellent for medium-duty brushing work. Ideal for use on large surfaces, for deburring, cleaning and rust removal.

Please observe maximum safe free speed (MSFS).



Diameter [Inches]	Thread size [Inches]	Wire size and EDP number		MSFS max. [RPM]	
		.014	.020		
<b>Carbon steel wire</b>					
2-3/4	5/8-11	763889	-	14,000	5
3-1/2	5/8-11	764091	-	12,000	5
3-1/2	5/8-11	-	764107	12,000	5
4	5/8-11	764114	-	9,000	2
4	5/8-11	-	764138	9,000	2
5	5/8-11	-	764176	8,000	2

### Knot wire cup, single row, unbridled



EDP 763896

Unbridled knot wire cup brushes are ideal for use on large surfaces. For use in corners, on angles, and for removal of contaminants such as scale, concrete, slag, and marine growth.

Bridled knot wire cup brushes feature a removable steel bridle which creates a shorter trim length for extra heavy-duty applications.

### Knot wire cup, single row, bridled



EDP 763902

Diameter [Inches]	Thread size [Inches]	Wire size and EDP number		MSFS max. [RPM]	
		.014	.020		
<b>Carbon steel wire – unbridled</b>					
2-3/4	5/8-11	764237	-	14,000	5
2-3/4	5/8-11	-	764251	14,000	5
3-1/2	5/8-11	-	763865	12,000	5
4	5/8-11	763896	-	9,000	2
5	5/8-11	763971	-	7,000	2
<b>Stainless steel wire (INOX) – unbridled</b>					
2-3/4	5/8-11	764244	-	14,000	5
2-3/4	5/8-11	-	764268	14,000	5
<b>Carbon steel wire – bridled</b>					
2-3/4	5/8-11	792049	-	12,500	5
3-1/2	5/8-11	763827	-	8,500	5
4	5/8-11	-	763902	8,500	2
5	5/8-11	-	763964	7,000	2

Minigrinder adapter insert	Fits brush thread	Fits tool spindle thread	EDP number	
	5/8-11	M10 x 1.25	764336	1
	5/8-11	M10 x 1.50	764343	1

EDP 764336




Crimped wire end brushes are for general purpose work in hard-to-reach places. Used for paint and rust removal.

For use with electric/pneumatic die-grinders and power drills.

### End brushes, crimped wire



EDP 764411

Diameter [Inches]	Shank diameter [Inches]	Wire size and EDP number		MSFS max. [RPM]	
		.014	.020		
<b>Carbon steel wire</b>					
3/4	1/4	764411	-	20,000	5
3/4	1/4	-	764428	20,000	5
1	1/4	764442	-	20,000	5
1	1/4	-	764459	20,000	5
<b>Stainless steel wire (INOX)</b>					
All stainless steel (INOX) brushes are degreased.					
3/4	1/4	764435	-	20,000	5
1	1/4	-	764466	20,000	5




Knotted end brushes for use in heavy-duty and severe applications. For use with electric/pneumatic die-grinders and power drills. Stainless steel wire filled brushes are offered with black zinc cups for easy identification.

### End brushes, knot wire



EDP 764404

Diameter [Inches]	Shank diameter [Inches]	Wire size and EDP number		MSFS max. [RPM]	
		.014	.020		
<b>Carbon steel wire</b>					
3/4	1/4	764350	-	20,000	5
1	1/4	764398	-	20,000	5
1	1/4	-	764374	20,000	5
<b>Stainless steel wire (INOX)</b>					
All stainless steel (INOX) brushes are degreased.					
3/4	1/4	764367	-	20,000	5
1	1/4	764404	-	20,000	5
1	1/4	-	764381	20,000	5

■ Please do not insert the entire stem of a brush into the chuck. Per ANSI B165.1-2013, 6.7: The shank shall be inserted into the chuck or collet as far as possible on the uniform diameter of the shank with minimum possible overhang of the brush.

Diameter [Inches]	Outside dia. at 0 RPM [Inches]		Flared cup, outside dia. at 20,000 RPM [Inches]		Straight cup, outside dia. at 20,000 RPM [Inches]	
1/2	5/8		2-7/8		2-3/4	
3/4	7/8		2-7/8		2-3/4	
1	1-1/8		3-1/4		3	

# Point-of-purchase power brushes

## Universal line


### Mounted wheel, crimped wire



EDP 764084

Stem mounted crimped wire brushes provide lighter brushing action and superior finish when removing rust, paint. Also for cleaning and surface conditioning. The 1/4" stem makes these brushes ideal for air tools.




Diameter [Inches]	Shank diameter [Inches]	Wire size and EDP number .012	MSFS max. [RPM]	
<b>Carbon steel wire</b>				
2	1/4	763872	20,000	5
3	1/4	764084	20,000	5

### Mounted wheel, knot wire



EDP 764275

Stem mounted knot wire brushes offer more aggressive brushing action than crimped wire brushes. For deburring, cleaning, rust removal, and weld seam conditioning. The 1/4" stem makes these brushes ideal for air tools.

Diameter [Inches]	Shank diameter [Inches]	Wire size and EDP number .014	MSFS max. [RPM]	
<b>Carbon steel wire</b>				
3	1/4	764275	25,000	5
4	1/4	763933	20,000	5

### Mounted cup, crimped wire




EDP 763858

Stem mounted crimped wire cup brushes are designed for weld and mold cleaning, light deburring, rust, paint and flash removal.

For use with electric/pneumatic die-grinders and power drills.



Diameter [Inches]	Shank diameter [Inches]	Wire size and EDP number .014	MSFS max. [RPM]	
<b>Carbon steel wire</b>				
2	1/4	763858	13,000	5

■ Please do not insert the entire stem of a brush into the chuck. Per ANSI B165.1-2013, 6.7: The shank shall be inserted into the chuck or collet as far as possible on the uniform diameter of the shank with minimum possible overhang of the brush.




Stem mounted abrasive filament wheel brush for use in small confined areas. Nylon filament evenly encapsulates silicon carbide particles. Flexible, uniform conditioning of soft and hard materials.

### Mounted wheel, nylon abrasive filament



EDP 763841

Dia. [Inches]	Shank diameter [Inches]	Filament dimensions, grit size and EDP number	MSFS max. [RPM]	
		.040 120 grit		

#### Silicon carbide grain (SiC)


3	1/4	763841	4,500	5
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Stem mounted abrasive filament cup brushes are ideal for flat surfaces with numerous holes and low projections.

### Mounted cup, nylon abrasive filament



EDP 763834

Dia. [Inches]	Shank diameter [Inches]	Filament dimensions, grit size and EDP number	MSFS max. [RPM]	
		.040 120 grit		

#### Silicon carbide grain (SiC)

3	1/4	763834	4,500	5
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Crimped wire scratch brushes for general brushing applications. For removing rust, paint, scale, dirt and other debris. Cleans metal parts, threads and much more.

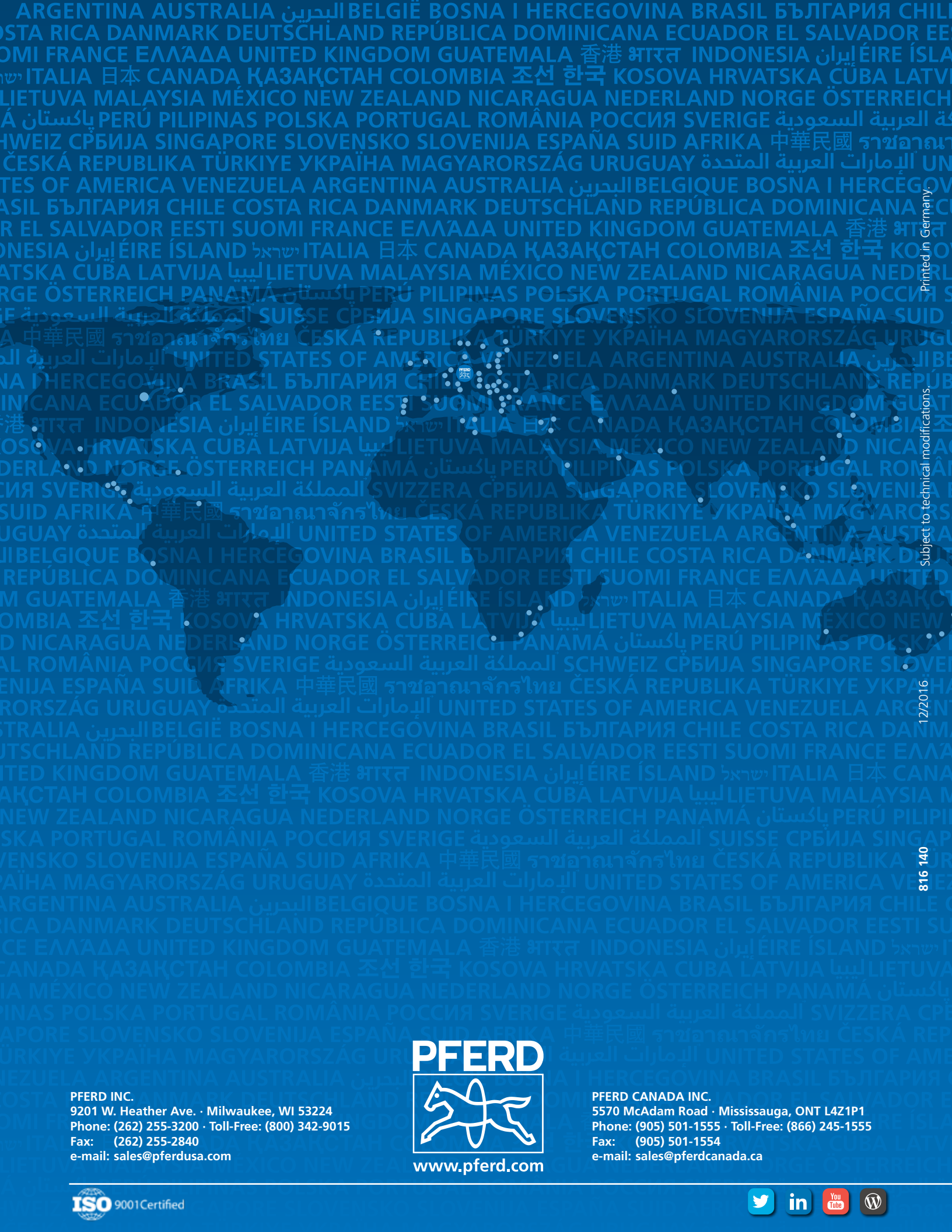
### Metal scratch brushes, plastic grip handle



EDP 764077

\*Color tip identifies brush wire type

Wire rows	Brush part length [Inches]	Block	Wire size and EDP number	
			.012	
<b>Carbon steel wire (red tip)</b>				
1	5	Metal	764077	12
<b>Stainless steel wire (INOX) (green tip)</b>				
1	5	Metal	764282	12
<b>Brass wire (yellow tip)</b>				
1	5	Metal	764060	12



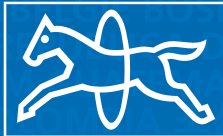
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