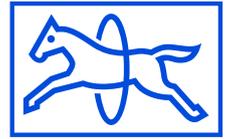


PFERD



TOOLS



Industrial power brushes



Industrial power brushes

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Industrial power brushes

Highlights from the PFERD TOOLS range

Composite brushes for stationary applications

PFERD TOOLS offers a comprehensive range of high-quality industrial power brushes, specially designed for stationary applications on robots and CNC machines.



Composite brushes from PFERD TOOLS are specially designed for the demands of automated workpiece machining. Compared to conventional metal constructions, they feature an extremely high filament density and a very even distribution of the filament material. This guarantees a long tool life and extremely smooth running.

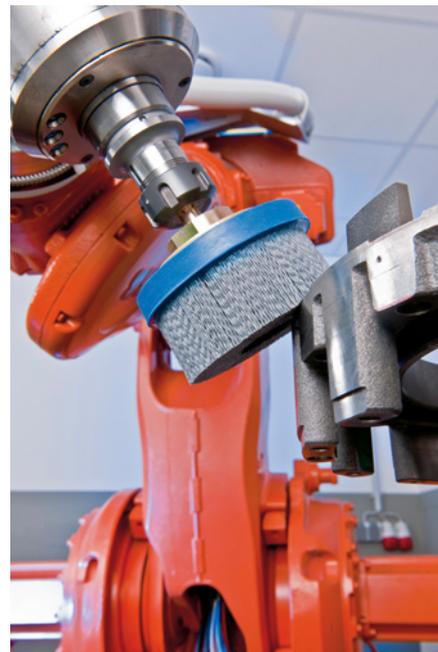
All of the industrial power brushes made by PFERD TOOLS can also be used on robots.

Industrial power brushes in stationary applications are most commonly used for deburring and rounding edges, processing holes and female threads, work on surfaces and cleaning.

Scan the QR code to find out more about composite brushes for stationary applications.

Advantages:

- Long tool life and aggressive brushing effect due to a very high filament density.
- High flexibility due to their ability to adapt to contours. Robots that are used with industrial power brushes are easier to program and can often be used without compliance.
- Very reliable process with extremely smooth operation due to even distribution of the filament material.



INOX-TOTAL

In addition to brushes with a stainless steel filament, PFERD TOOLS also offers brushes for work on stainless steel (INOX) with the INOX-TOTAL type. They are particularly well-suited to use in extremely critical environments.



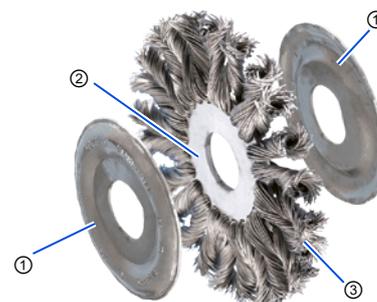
Structure of a wheel brush with arbor hole INOX-TOTAL:

- ① Side plates made of stainless steel (INOX)
- ② Centre disc made of stainless steel (INOX)
- ③ Filament made of stainless steel (INOX)

Scan the QR code to find out more about INOX-TOTAL brushes.

Advantages:

- Maximum protection against corrosion as all components are produced from stainless steel (INOX) in quality 1.4310/1.4301 (V2A).



Brushes with cord wire filament

Aggressive yet flexible – industrial power brushes with cord wire offer the perfect combination of aggressive brushing effect and flexibility. With this special wire construction, multiple wavy wire filaments are stranded together. As a result, they work effectively and aggressively like a knotted brush and, at the same time, flexibly like a wavy brush.



Scan the QR code to find out more about brushes with cord wire.

Advantages:

- More aggressive brushing effect compared to conventional crimped brushes due to the special wire construction which provides the wires with additional stability.
- Perfect for complex geometries and hard-to-reach areas as the many small wires make the cord wire highly flexible.



- Ideally suited to demanding tasks due to the durability and resilience of the individual wires.

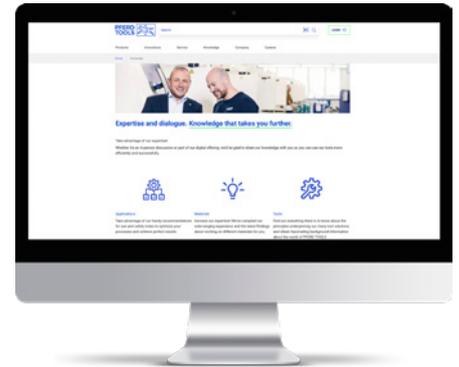
Industrial power brushes

Highlights from the PFERD TOOLS range



More expert information online

Scan the QR code to find out a wide range of tool and application knowledge relating to PFERD TOOLS' high-quality tools and their huge variety of materials.



Filament materials and their application

Selecting the filament material

Filament material	Material to be working on						
	Steel	Stainless steel (INOX)	Non-ferrous metals			Cast iron	Plastics
			Aluminium	Soft non-ferrous metals Brass, copper, zinc	Hard non-ferrous metals Titanium, bronze, nickel-based and cobalt-based alloys		
Steel wire (ST)	●	-	-	-	-	●	○
Steel cord wire (LIT ST, LIT STM)	●	-	-	-	-	●	○
Stainless steel wire (INOX)	○	●	●	○	○	-	-
Stainless steel cord wire (LIT INOX)	○	●	●	○	○	-	-
Stainless steel wire (INOX) Diamond (DIA)	○	-	-	-	●	●	●
Brass wire (MES)	-	-	-	●	-	-	-
Silicon carbide (SiC)	●	●	●	-	○	●	●
Aluminium oxide (AO)	○	○	●	-	-	○	○
Ceramic oxide grain (CO)	●	○	○	-	●	●	-
Diamond (DIA)	○	-	-	-	●	●	●
Nylon	-	-	○	○	-	-	●
Bristle and goat hair (with polishing paste)	●	●	●	●	●	●	●

● = highly suitable ○ = suitable - = not suitable



Wire filament

- **Crimped brushes (wavy wire):** for work with particular requirements on the flexibility of the brushes, such as machining of highly contoured workpieces.
- **Knotted brushes (straight wire):** for work that requires aggressive brushing behaviour, such as work on weld seams.



Steel wire (ST, LIT ST)

Advantages/properties:

- PFERD TOOLS special wire with high tensile strength and bending fatigue strength.
- Guarantees a long tool life, even for extreme brushing applications.
- Temperature resistance: up to 300°C



Stainless steel wire (INOX, LIT INOX)

Advantages/properties:

- Wire quality 1.4310/1.4301 (V2A): stainless; does not leave corroding residues on the workpiece.
- Used with low rotational speeds, compared to steel wire.
- PFERD TOOLS brushes with INOX filament are usually degreased.
- Temperature resistance: up to 450°C



Stainless steel wire (INOX) diamond (DIA)

Advantages/properties:

- Particularly well suited to applications that place particular demands on the aggressiveness of the brush.
- Primarily used on materials with high material strength.
- Temperature resistance: up to 450°C



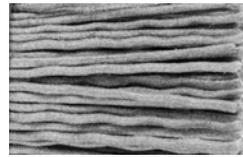
Brass wire (MES)

Advantages/properties:

- Wire quality CuZn37: brass wire is softer than steel wire.
- It is non-sparking and produces fine surface finishes.
- Temperature resistance: up to 180°C

Plastic filament

- Abrasive grains are embedded in flexible plastic filaments, which means that the filament works on the sides as well as at the tip.
- **Round filament:** for applications that place particular demands on the flexibility of the brush.
- **Rectangular filament (REC):** for applications that place particular demands on the aggressiveness of the brush.
- Recommendation for use: Use coolant for applications where large amounts of heat are produced.



Silicon carbide (SiC)

Advantages/properties:

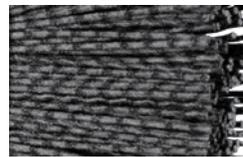
- Particularly well suited to deburring work and for improving surfaces.
- Temperature resistance up to 220°C



Aluminium oxide (AO)

Advantages/properties:

- Less sharp-edged and aggressive compared with SiC.
- Primarily suitable for polishing and smoothing finishes on soft metals.
- Temperature resistance up to 220°C



Ceramic oxide grain (CO)

Advantages/properties:

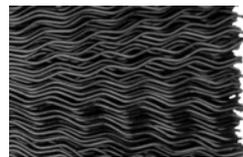
- Offers good toughness and excellent sharpness.
- For high stock removal and aggressive brushing.
- Temperature resistance up to 220°C



Diamond (DIA)

Advantages/properties:

- Particularly well suited to applications that place particular demands on the aggressiveness of the brush.
- Primarily used on materials with high material strength.
- Temperature resistance up to 220°C



Nylon

Advantages/properties:

- Particularly suited to working with materials that would otherwise be scratched or damaged, e.g. soft plastics.
- Temperature resistance up to 220°C

Natural bristles

- Primarily suitable for light cleaning and dust removal, as well as for polishing (in combination with polishing pastes).



White (SBW) and black (SBS) bristles

Advantages/properties:

- Bristles are harder and less flexible than brushes with goat hair filament.
- Temperature resistance: up to 150°C



Goat hair (ZHW)

Advantages/properties:

- Goat hair is more flexible and softer than bristle.
- Temperature resistance: up to 150°C

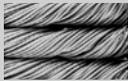
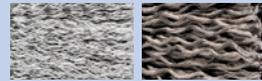
Industrial power brushes

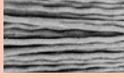
The quick way to find the perfect tool



- ① **Select the filament material.** The material that you are working with is key to determining the optimum filament material.
 - ② **Select the filament type.** The brushing effect you want determines which filament type to choose.
 - ③ **Select the tool.** The application and geometry of the workpiece indicate the optimum brush.
-



Materials that can be worked	Steel, cast iron, plastics			Stainless steel (INOX), aluminium, other non-ferrous metals							
Filament material	Steel wire (ST, LIT ST, LIT STM) Colour code: grey			Stainless steel wire (INOX, LIT INOX) Colour code: blue							
Filament type	 knotted	 crimped	 encapsulated	 knotted	 crimped						
Desired effect	Aggressive brushing effect, less flexible	Light brushing effect, flexible	Very aggressive brushing effect, not flexible	Aggressive brushing effect, less flexible	Light brushing effect, flexible						
Weld seam 	 RBG	 RBG PIPE	 HBU	 HBK	 RBV	 RBG	 RBG PIPE	 HBU	 HBK		
Structuring surfaces 		 RBU	 RBU SC	 WBU		 RBU	 WBU				
Edge deburring 	 KBG	 RBG	 KBU	 RBU	 RBU	 RBV	 KBG	 RBG	 KBU	 RBU	
	 RBG		 RBU				 RBG		 RBU	 RBU	
Surface deburring 	 TBG	 TBU	 TBU				 TBG	 TBU	 TBU		
Interior deburring 	 PBG	 PBU	 PBU	 TBU	 PBV		 PBG	 PBU	 PBU		
		 IBU						 TBU	 IBU		
Surface cleaning 	 TBG	 KBG	 TBU	 KBU	 RBU		 TBG	 KBG	 TBU	 KBU	 RBU
	 RBG	 RBG	 RBU	 HBU			 RBG	 RBG	 RBU	 HBU	
Interior cleaning 	 PBG	 PBU	 PBU	 TBU	 PBV		 PBG	 PBU	 PBU	 TBU	
								 IBU			

Materials that can be worked	Brass, copper, other non-ferrous metals	Steel, stainless steel (INOX), aluminium, non-ferrous metals, titanium, cast, plastics, wood	Steel, stainless steel (INOX), non-ferrous metals, cast iron						
Filament material	Brass wire (MES) Colour code: yellow	Plastic filament (SiC, CO, nylon) Colour code: red	Natural materials Colour code: brown						
Filament type	 crimped	 crimped	 crimped						
Desired effect	Light brushing effect, flexible	Grinding brushing effect, very flexible	Light brushing effect (use with polishing pastes)						
Weld seam 	 HBU								
Structuring surfaces 		 RBU	 RBUP	 WBU					
Edge deburring 	 RBU	 RBU	 RBU	 RBUP	 RBU	 RBU			
Surface deburring 		 TBU	 DBU	 TBU					
Interior deburring 	 PBU	 PBU	 TBU	 IBU	 PBU	 PBU	 TBU	 IBU	
Surface cleaning 	 RBU	 HBU	 TBU	 RBU	 RBUP	 DBU	 TBU	 RBU	
Interior cleaning 	 PBU	 IBU	 PBU	 PBU	 TBU	 IBU	 PBU	 TBU	
Polishing 							 RBU	 PBU	 TBU

Industrial power brushes

Safety notes

Safety notes:

As one of the leading manufacturers of brush tools, PFERD TOOLS fulfils the requirements of European standard EN 1083. Guidelines on the safe and economic use of PFERD TOOLS brushes are supplied with every packaging unit. They help you to increase your level of personal work safety.



Wear eye protection!



Wear hearing protection!



Wear a dust mask!



Wear gloves!



Observe the safety notes!



Use a protective machine guard!

Maximum permitted rotational speed

In order to guarantee operating safety, the maximum permitted rotational speed indicated on the brush, label and in this catalogue must never be exceeded! Please refer to our product information and product tables for further recommendations regarding optimum operating speeds. These give details of the recommended rotational speeds [RPM] for an optimum working result.

Brush diameter

In the case of hand-held tool drives, the brush diameter should never exceed 180 mm, regardless of the filament material.

Total dia. D of the brush [mm]	Minimum arbor hole dia. D_A [mm]
50	4.6
75	6.5
100	10
150	13
200	16
250	20
300	20
350	32

Minimum arbor hole diameter according to EN 1083

Brushes must comply with the minimum arbor hole diameters (D_A) listed below, depending on their total diameter (D).

Determining the recommended rotational speed

- ① Select the brush type.
- ② Read the recommended cutting speed.
- ③ Determine the rotational speed using the brush diameter and cutting speed.

The recommended cutting speed ranges [m/s] depend on the respective application and lie below the maximum permitted cutting speed.

① Brush type	② Cutting speed
End brushes	5–15 m/s
Cup brushes	15–45 m/s
Shank-mounted wheel brushes	15–40 m/s
Rund-/Kegelbürsten mit Bohrung/Gewinde	See diagram below

② Recommended cutting speed [m/s] for wheel/bevel brushes with arbor hole/threaded.

The colour bars correspond to the colour codes of the filament materials.

Application		[m/s]	10	15	20	25	30	35	40	45	50	55
Deburring/ edge breaking	knotted							35–45 m/s				
							30–40 m/s					
	crimped				25–40 m/s							
				15–30 m/s								
Removal of scale/ mill scale	knotted							35–55 m/s				
							30–40 m/s					
	crimped				20–40 m/s							
				15–30 m/s								
Cleaning/ roughening of surfaces	knotted							35–40 m/s				
							30–35 m/s					
	crimped				15–35 m/s							
				15–30 m/s								
Weld dressing	knotted							35–55 m/s				
							30–40 m/s					
	crimped							30–45 m/s				
							25–40 m/s					

③ Recommended rotational speeds [RPM]

Example:

RBG 11512 ST

Cleaning surfaces

Brush diameter D: 115 mm

Cutting speed: 39 m/s

Rotational speed: 6,500 RPM

n [RPM]	Brush dia. D [mm]																			
	10	15	20	25	30	40	50	60	75	80	100	115	125	150	175	200	250	300		
1,000	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	13	16		
1,250	1	1	1	2	2	3	3	4	5	5	7	8	8	10	11	13	16	20		
1,500	1	1	2	2	2	3	4	5	6	6	8	9	10	12	14	16	20	24		
1,750	1	1	2	2	3	4	5	5	7	7	9	11	11	14	16	18	23	27		
2,000	1	2	2	3	3	4	5	6	8	8	10	12	13	16	18	21	26	31		
2,500	1	2	3	3	4	5	7	8	10	10	13	15	16	20	23	26	33	39		
3,000	2	2	3	4	5	6	8	9	12	13	16	18	20	24	27	31	39	47		
3,500	2	3	4	5	5	7	9	11	14	15	18	21	23	27	32	37	46	55		
4,000	2	3	4	5	6	8	10	13	16	17	21	24	26	31	37	42	52	63		
4,500	2	4	5	6	7	9	12	14	18	19	24	27	29	35	41	47	59	71		
5,000	3	4	5	7	8	10	13	16	20	21	26	30	33	39	46	52	65	79		
5,500	3	4	6	7	9	12	14	17	22	23	29	33	36	43	50	58	72			
6,000	3	5	6	8	9	13	16	19	24	25	31	36	39	47	55	63	79			
6,500	3	5	7	9	10	14	17	20	26	27	34	39	43	51	60	68				
7,000	4	5	7	9	11	15	18	22	27	29	37	42	46	55	64	73				
7,500	4	6	8	10	12	16	20	24	29	31	39	45	49	59	69	79				
8,000	4	6	8	10	13	17	21	25	31	34	42	48	52	63	73					
10,000	5	8	10	13	16	21	26	31	39	42	52	60	65	79						
12,000	6	9	13	16	19	25	31	38	47	50	63	72	79							
14,000	7	11	15	18	22	29	37	44	55	59	73									
16,000	8	13	17	21	25	34	42	50	63	67										
20,000	10	16	21	26	31	42	52	63	79											
22,000	12	17	23	29	35	46	58	69												
25,000	13	20	26	33	39	52	65	79												

$$\text{Cutting speed (v)} = \frac{\text{dia. (D)} \times \pi \times \text{rot. speed (n)}}{1,000 \times 60}$$

Industrial power brushes

Well packaged and presented



Industrial packaging

PFERD TOOLS provides industrial power brushes in industrial packaging (IP) as standard.

Advantages:

- Robust, damage-resistant packaging.

POS packaging

PFERD TOOLS provides wheel, cup, end and bevel brushes in promotional individual packaging. Individually packed shank brushes are supplied in a practical cardboard box. The addition of "POS" in the designation indicates all brushes in POS packaging.

Advantages:

- Functional European standard hole mounting for optimum product presentation on the sales wall.
- Product is easily recognizable through the viewing window.

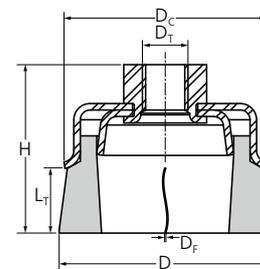
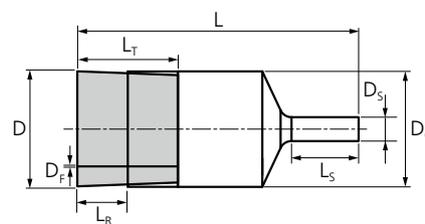
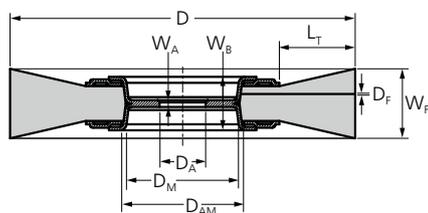


IP



POS

Dimensions



Wheel brushes

End brushes

Cup brushes

Explanation of dimensions

D	Nominal outer diameter of the brush or the working surface for end brushes	D_S	Shank diameter in shank-mounted brushes, shaft diameter for wheel brushes for burnishing machines, stem diameter (core) for pipe brushes	L_S	Usable length for shank or stem, total length of the mounting shaft, usable thread length
D_A	Hole diameter	D_T	Nominal thread designation	L_T	Nominal length of the filament material (free length of the filament material)
D_{AM}	Max. hole diameter in main body	H	Nominal total height (incl. components for arbor hole or thread as well as shank)	W_A	Width of the main body at the hole / thread
D_C	Max. diameter of the main body	L	Nominal total length for end brushes (without guide pins) and pipe brushes	W_B	Installation width, widest point of the main body
D_F	Nominal dimension of the filament material (wire thickness)	L_R	Total length of the filament material (free length without bridle)	W_F	Nominal dimension of the working width
D_M	Diameter in hole area				



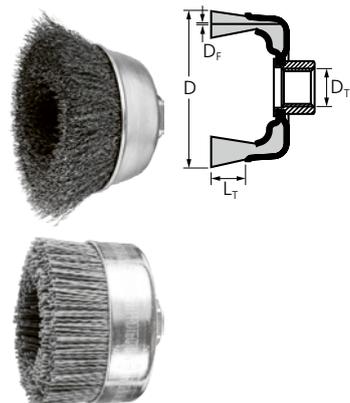
Threaded cup brushes

Dimensions

Custom-made products

If you cannot find the solution for your particular application in our extensive catalogue range, we can produce brushes in premium PFERD TOOLS quality specifically for your application on request. Products that can be made to order include different wire thicknesses and qualities, arbor holes or threads and other dimensions.

crimped



TBU

Excellent for medium-duty brushing such as deburring, cleaning and derusting on large surfaces.



Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	L _T [mm]	D _T	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

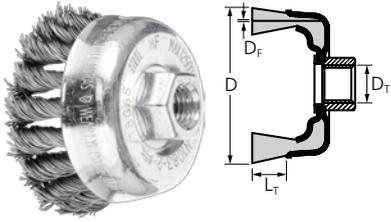
60	20	M14x2	0.30	6,300 – 9,400	12,500	1	43468902	POS TBU 60/M14 ST 0,30
75	25	M14x2	0.30	6,300 – 9,400	12,500	1	43469001	POS TBU 75/M14 ST 0,30
100	25	M14x2	0.30	4,300 – 6,400	8,500	1	43469102	POS TBU 100/M14 ST 0,30
140	32	M14x2	0.40	3,300 – 6,500	6,500	1	43740113	TBU 140/M14 ST 0.40

Stainless steel wire (INOX) – All INOX brushes are degreased.

60	20	M14x2	0.30	5,000 – 8,100	12,500	1	43468905	POS TBU 60/M14 INOX 0,30
75	25	M14x2	0.30	5,000 – 8,100	12,500	1	43469003	POS TBU 75/M14 INOX 0,30

Threaded cup brushes

knotted



TBG

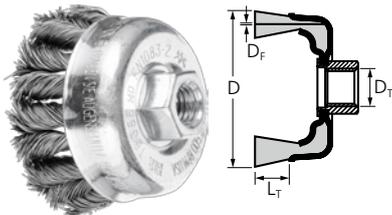
Aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter.



Special features:

- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	L _T [mm]	D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)									
65	22	M14x2	0.50	18	6,300 – 12,500	12,500	1	43305001	POS TBG 65/M14 ST 0,50
80	20	M14x2	0.50	20	5,000 – 10,000	10,000	1	43306031	POS TBG 80/M14 ST 0,50
100	25	M14x2	0.50	24	4,500 – 9,000	9,000	1	43308031	POS TBG 100/M14 ST 0,50



TBG CT, COMBITWIST

Very aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter. Suitable for work on corners and edges as the knots are less likely to unravel.

Special features:

- Maximum economic efficiency due to maximum tool life and stock removal rate.
- High level of comfort thanks to smooth running with no brush recoiling.
- Aggressive brushing effect due to the very stiff wire knots.



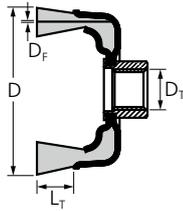
D [mm]	L _T [mm]	D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)									
65	22	M14x2	0.50	18	6,300 – 12,500	12,500	10	43305051	POS TBG 65/M14 CT ST 0,50

Stainless steel wire (INOX) – All INOX brushes are degreased.

65	22	M14x2	0.50	18	5,000 – 12,500	12,500	1	43305053	POS TBG 65/M14 CT INOX 0,50
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Threaded cup brushes

knotted



TBG, two rows

Double-row, very aggressive and robust brush that is able to withstand high mechanical loads. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter.

Special features:

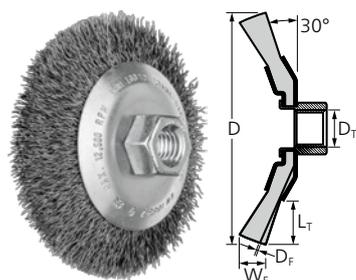
- Extremely high filament density for optimum tool life.
- Double-row design enables fast brushing results thanks to larger filament width.
- High level of comfort thanks to smooth running on corners and edges.

D [mm]	L _T [mm]	D _T	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)								
140	32	M14x2	0.80	3,300 – 6,500	6,500	1	43740115	TBG 140/M14 ST 0.80 2RH



Threaded bevel brushes

crimped



KBU

Excellent for medium-duty brushing such as deburring, cleaning and derusting. Can be used on angle grinders up to 80 m/s.



Special features:

- Optimal access to hard-to-reach areas such as inner edges, grooves and keyways.
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	W _F [mm]	L _T [mm]	D _T	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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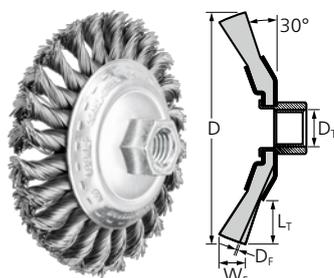
Steel wire (ST)

115	10	30	M14x2	0.35	6,300 – 12,500	12,500	1	43316021	POS KBU 11510/M14 ST 0,35
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Stainless steel wire (INOX) – All INOX brushes are degreased.

115	10	30	M14x2	0.35	5,000 – 12,500	12,500	1	43316023	POS KBU 11510/M14 INOX 0,35
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knotted



KBG

Aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter.



Special features:

- Optimal access to hard-to-reach areas such as inner edges, grooves and keyways.
- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	W _F [mm]	L _T [mm]	D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

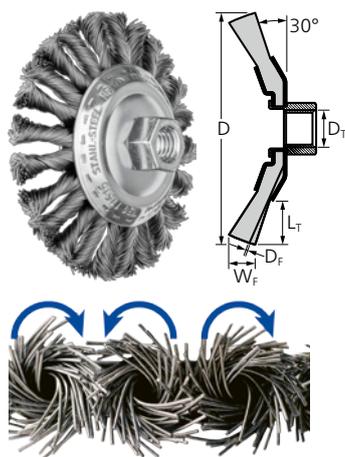
115	15	26	M14x2	0.50	24	7,500 – 12,500	15,000	1	43315001	POS KBG 11515/M14 ST 0,50
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Stainless steel wire (INOX) – All INOX brushes are degreased.

115	15	26	M14x2	0.35	24	6,000 – 12,500	15,000	1	43315003	POS KBG 11515/M14 INOX 0,35
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Threaded bevel brushes

knotted



KBG CT, COMBITWIST

Very aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter. Suitable for work on corners and edges as the knots are less likely to unravel.



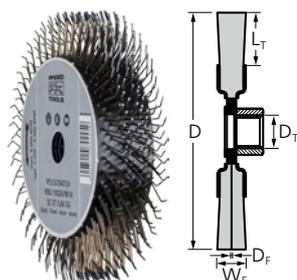
Special features:

- Optimal access to hard-to-reach areas such as inner edges, grooves and keyways.
- Maximum economic efficiency due to maximum tool life and stock removal rate and high level of comfort thanks to smooth running with no brush recoiling.
- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	W _F [mm]	L _T [mm]	D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)										
115	15	26	M14x2	0.50	24	7,500 – 12,500	15,000	1	43315011	POS KBG 11515/M14 CT ST 0,50
Stainless steel wire (INOX) – All INOX brushes are degreased.										
115	15	26	M14x2	0.35	24	6,000 – 12,500	15,000	1	43315013	POS KBG 11515/M14 CT INOX 0,35

Wheel brushes

crimped



RBU, POLISCRATCH

Excellent for processing and removing soft materials such as underseal and anti-drumming compound. Most suitable for achieving rough surfaces with a sandblasted appearance due to the specific geometry of the filament material.



Special features:

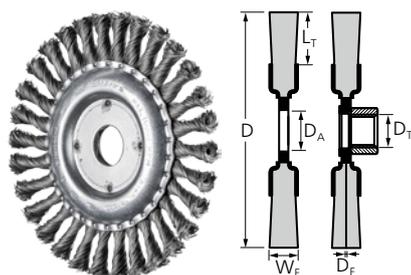
- High cooling effect and no smearing or loading of the brush due to the open construction of the filament material.
- Longer tool life as the brush can be re-sharpened using a sharpening block.
- Use only on speed-adjustable angle and straight grinders.

D [mm]	W _F [mm]	L _T [mm]	D _T	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

100	20	18	M14x2	0.60	1,200 – 3,500	6,000	5	43502102	POS RBU 10020/M14 SC ST 0,60
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knotted



RBG

Aggressive brush. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams, removal of adhesive residues and spatter.



Special features:

- Aggressive brushing effect due to the very stiff wire knots.

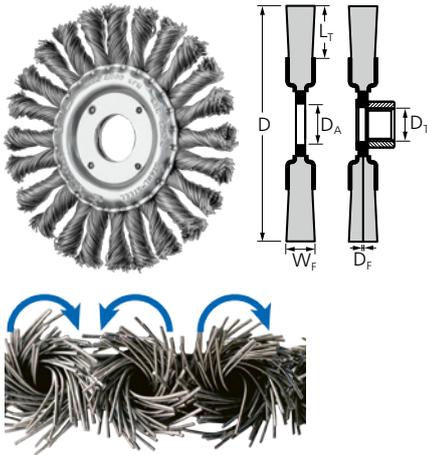
D [mm]	W _F [mm]	L _T [mm]	D _A / D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

115	12	22	22.2	0.50	24	6,300 – 12,500	12,500	1	43312001	POS RBG 11512/22,2 ST 0,50
			M14x2	0.50	24	6,300 – 12,500	12,500	1	43312002	POS RBG 11512/M14 ST 0,50
178	13	38	22.2	0.50	30	4,500 – 8,500	9,000	1	79167785	RBG 17813/22.2 ST 0.50

Stainless steel wire (INOX) – All INOX brushes are degreased.

115	12	22	M14x2	0.35	24	5,000 – 12,500	12,500	1	43312004	POS RBG 11512/M14 INOX 0,35
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RBG CT, COMBITWIST

Very aggressive brush. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams and removal of adhesive residues and spatter. Suitable for work on corners and edges as the knots are less likely to unravel.



Special features:

- Maximum economic efficiency due to maximum tool life and stock removal rate.
- High level of comfort thanks to smooth running with no brush recoiling.
- Aggressive brushing effect due to the very stiff wire knots.

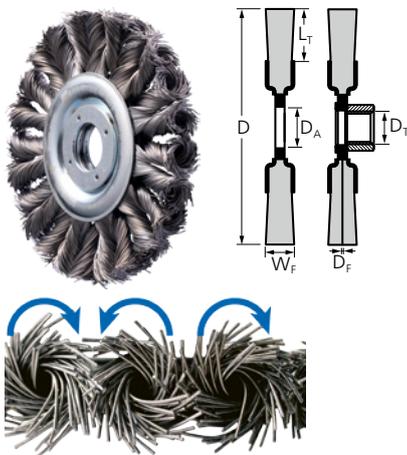
D [mm]	W _F [mm]	L _T [mm]	D _A / D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

115	12	22	22.2	0.50	24	6,300 – 12,500	12,500	10	43312011	POS RBG 11512/22,2 CT ST 0,50
178	13	38	22.2	0.50	30	4,500 – 8,500	9,000	1	43304011	POS RBG 17813/22,2 CT ST 0,50

Stainless steel wire (INOX) – All INOX brushes are degreased.

115	12	22	22.2	0.50	24	5,000 – 12,500	12,500	10	43312015	POS RBG 11512/22,2 CT INOX 0,50
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RBG CT HD, COMBITWIST

With a higher filament density and more wire filament, the tool life is at least three times longer and stock removal is improved. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams and removal of adhesive residues and spatter.

Special features:

- Extremely high filament density for optimum tool life.
- High level of comfort thanks to smooth running with no brush recoiling on corners and edges.
- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	W _F [mm]	L _T [mm]	D _A / D _T	D _F [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

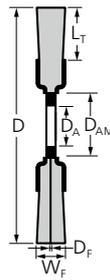
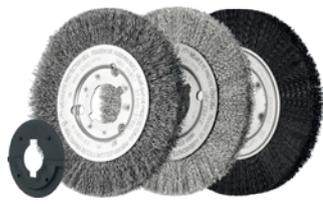
115	12	22	M14x2	0.50	24	6,300 – 12,500	12,500	1	43312007	POS RBG 11512/M14 CT ST 0.50 HD
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Stainless steel wire (INOX) – All INOX brushes are degreased.

115	12	22	M14x2	0.35	24	5,000 – 12,500	12,500	1	43312010	POS RBG 11512/M14 CT INOX 0.35 HD
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Wheel brushes

crimped, with hole



RBU, slim

Excellent for medium-duty hand-held or automated brushing of workpieces with large surfaces.

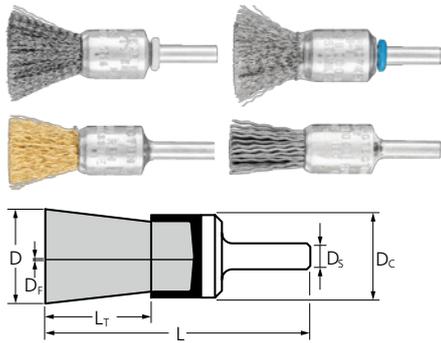
Special features:

- Can be used with all commercially available stationary drive systems and bench grinders thanks to the variable hole diameter.
- The special design enables bunching to create wide gapless rollers. This enables a uniform surface finish to be achieved.
- Highly flexible, enabling optimal adjustment to the workpiece contour.

D [mm]	W _F [mm]	L _T [mm]	D _A [mm]	D _{AM} [mm]	Grit size	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Ceramic oxide grain (CO) plastic filament											
150	16	28	12	31.8	120	1.10	2,400 – 3,900	6,000	1	43505009	RBU 15016/12,0 CO 120 1,10
200	16	38	22.2	31.8	120	1.10	1,800 – 2,900	4,500	1	43506011	RBU 20016/22,2 CO 120 1,10
Nylon plastic filament											
100	12	22	12	-	-	0.40	3,200 – 5,200	8,000	1	43502027	RBU 10012/12,0 Nylon 0,40

Shank-mounted end brushes

crimped



PBU

Suitable for light brushing such as deburring, cleaning and derusting.



Special features:

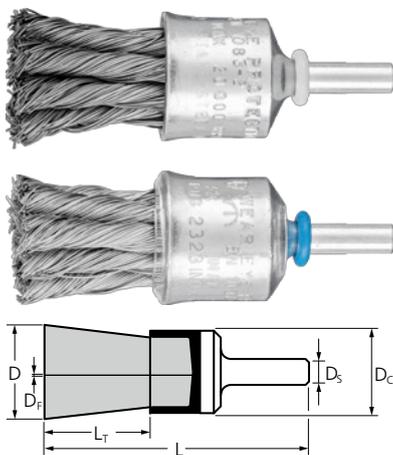
- Optimal access to hard-to-reach areas such as drilled holes and cavities as the wires spread out upon rotation.
- Creates fine surfaces.

D [mm]	D _c [mm]	D _s [mm]	L _t [mm]	D _f [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)										
10	10	6	20	0.35	65	10,000 – 15,000	20,000	10	43204001	PBU 1010/6 ST 0,35
15	16	6	22	0.35	65	9,000 – 13,500	18,000	10	43203001	PBU 1516/6 ST 0,35
20	22	6	25	0.50	70	9,000 – 13,500	18,000	10	43202001	PBU 2022/6 ST 0,50
30	29	6	25	0.50	70	7,500 – 11,300	15,000	10	43201001	PBU 3029/6 ST 0,50

Stainless steel wire (INOX) – Supplied with plastic-covered brush body. All INOX brushes are degreased.

10	10	6	20	0.35	65	8,000 – 13,000	20,000	10	43204003	PBU 1010/6 INOX 0,35
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knotted



PBG

Aggressive brush. Suitable for medium-duty brushing such as deburring, cleaning, derusting and descaling, as well as removing spatter.



Special features:

- Optimal access to hard-to-reach areas such as recesses and drilled holes.
- Aggressive brushing effect due to the very stiff wire knots.

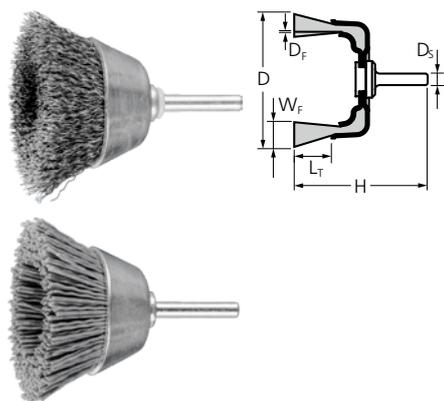
D [mm]	D _c [mm]	D _s [mm]	L _t [mm]	D _f [mm]	L [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)											
19	19	6	28	0.35	68	6	10,000 – 15,000	20,000	10	43207001	PBG 1919/6 ST 0,35
23	23	6	28	0.35	68	8	10,000 – 15,000	20,000	1	43208026	PBG 2323/6 ST 0,35

Stainless steel wire (INOX) – Supplied with plastic-covered brush body. All INOX brushes are degreased.

19	19	6	28	0.35	68	6	8,000 – 13,000	20,000	10	43207003	PBG 1919/6 INOX 0,35
23	23	6	28	0.35	68	8	8,000 – 13,000	20,000	1	43208027	PBG 2323/6 INOX 0,35

Shank-mounted cup brushes

crimped



TBU

Generally suitable for cleaning, derusting and smoothing, as well as removal of corrosion and paint. Particularly suitable for brushing on large, flat and easily accessible surfaces due to face-down use with the entire brush face applied to the workpiece.



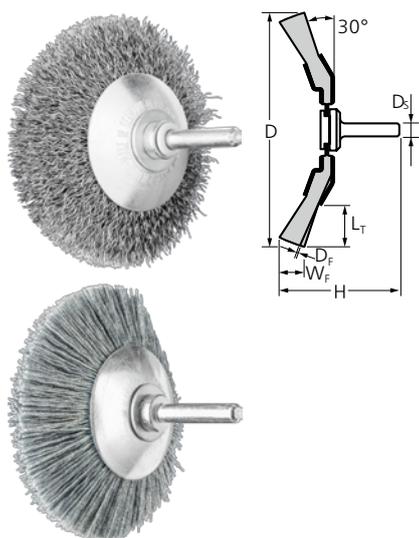
Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	W _f [mm]	D _s [mm]	L _r [mm]	D _f [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)										
50	10	6	20	0.30	75	5,300 – 7,900	10,500	10	43210001	TBU 5010/6 ST 0,30
60	15	6	20	0.30	85	2,200 – 3,400	4,500	10	43211001	TBU 6015/6 ST 0,30

Shank-mounted bevel brushes

crimped



KBU

Excellent for medium-duty brushing such as deburring, cleaning and derusting.



Special features:

- Optimal access to hard-to-reach areas such as inner edges, grooves and keyways.
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	W _F [mm]	D _S [mm]	L _T [mm]	D _F [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

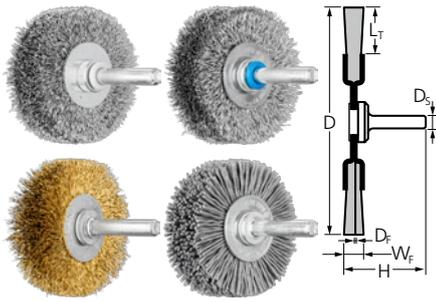
50	10	6	10	0.20	49	7,500 – 11,300	15,000	1	43220016	KBU 5010/6 ST 0,20
70	10	6	15	0.30	58	7,500 – 11,300	15,000	1	43220061	KBU 7010/6 ST 0,30
95	10	6	25	0.30	62	6,000 – 9,000	12,000	10	43312501	KBU 9510/6 ST 0,30

Stainless steel wire (INOX) – All INOX brushes are degreased.

50	10	6	10	0.20	49	6,000 – 9,800	15,000	1	43220017	KBU 5010/6 INOX 0,20
70	10	6	15	0.20	58	6,000 – 9,800	15,000	1	43220057	KBU 7010/6 INOX 0,20
95	10	6	25	0.30	62	4,800 – 7,800	12,000	1	43312503	KBU 9510/6 INOX 0,30

Shank-mounted wheel brushes

crimped



RBU

Generally suitable for cleaning, derusting, smoothing, cleaning of weld seams, light deburring, and removal of corrosion and paint.



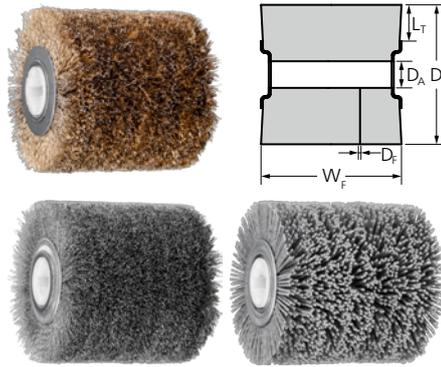
Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	W _f [mm]	D _s [mm]	L _r [mm]	Grit size	D _f [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)											
20	4	6	3	-	0.20	37	10,000 – 15,000	20,000	10	43101001	RBU 2004/6 ST 0,20
30	6	6	7	-	0.20	40	10,000 – 15,000	20,000	10	43102001	RBU 3006/6 ST 0,20
40	9	6	9	-	0.20	46	9,000 – 13,500	18,000	10	43103001	RBU 4009/6 ST 0,20
50	15	6	13	-	0.20	50	7,500 – 11,300	15,000	10	43104001	RBU 5015/6 ST 0,20
70	15	6	19	-	0.30	50	7,500 – 11,300	15,000	10	43105001	RBU 7015/6 ST 0,30
80	15	6	19	-	0.30	50	6,000 – 9,000	12,000	10	43106001	RBU 8015/6 ST 0,30
Silicon carbide (SiC) plastic filament											
50	15	6	13	180	0.90	50	6,000 – 9,800	15,000	1	43104004	RBU 5015/6 SiC 180 0,90
70	8	6	19	120	0.55	50	6,000 – 9,800	15,000	1	43104075	RBU 7008/6 SiC 120 0,55
80	15	6	19	180	0.90	50	4,800 – 7,800	12,000	10	43106004	RBU 8015/6 SiC 180 0,90
Ceramic oxide grain (CO) plastic filament											
50	4	6	10	120	0.55	50	6,000 – 9,800	15,000	1	43103028	RBU 5004/6 CO 120 0,55
	15	6	13	120	1.10	50	6,000 – 9,800	15,000	10	43104008	RBU 5015/6 CO 120 1,10
70	8	6	19	120	0.55	50	6,000 – 9,800	15,000	1	43104078	RBU 7008/6 CO 120 0,55
	15	6	19	120	1.10	50	6,000 – 9,800	15,000	1	43105008	RBU 7015/6 CO 120 1,10

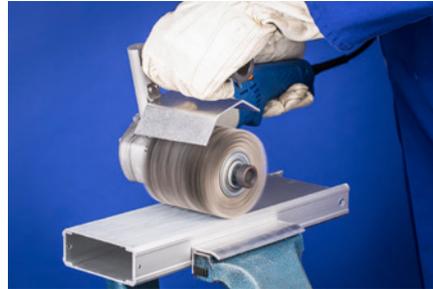
Wheel brushes for burnishing machines

crimped



WBU, for burnishing machines

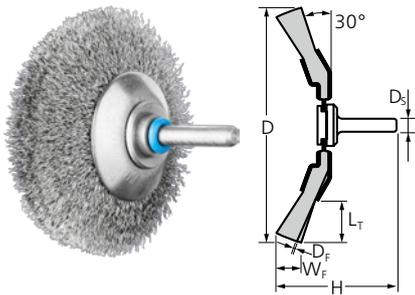
Excellent for surface structuring work on workpieces with large surfaces.



Special features:

- Can be used with all commercially available burnishing machines thanks to the hole with four keyways.
- Creates fine surfaces.

D [mm]	W _F [mm]	L _T [mm]	D _A [mm]	Grit size	D _F [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Brass-plated steel cord wire (LIT STM)										
100	100	26	19.1	-	0.27	3,000 – 4,500	6,000	1	43509001	WBU 100100/19,1 LIT ST 0,27
Stainless steel wire (INOX)										
100	100	26	19.1	-	0.20	2,400 – 3,900	6,000	1	43509003	WBU 100100/19,1 INOX 0,20
Silicon carbide (SiC) plastic filament										
100	100	26	19.1	80	1.27	2,400 – 3,900	6,000	1	43509005	WBU 100100/19,1 SiC 80 1,27



KBUIT

Excellent for medium-duty brushing such as deburring, cleaning, and removal of heat discoloration. Specially developed for work on stainless steel (INOX).



Special features:

- Maximum protection against corrosion as all components are produced from stainless steel (INOX) in quality 1.4310/1.4301 (V2A). Particularly well-suited to use in extremely critical environments.
- Optimal access to hard-to-reach areas such as inner edges, grooves and keyways.
- Highly flexible, enabling optimal adjustment to the workpiece contour. Creates fine surfaces.

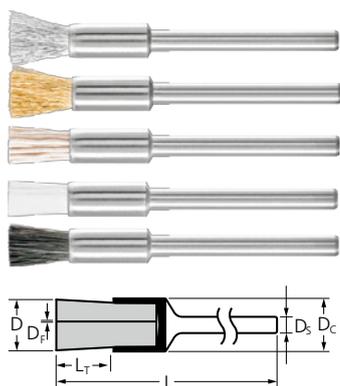
D [mm]	W _F [mm]	D _S [mm]	L _T [mm]	D _F [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Stainless steel wire (INOX) – All INOX brushes are degreased.

50	10	6	10	0.20	49	6,000 – 9,800	15,000	1	43225017	KBUIT 5010/6 INOX 0,20
70	10	6	15	0.20	58	6,000 – 9,800	15,000	1	43225057	KBUIT 7010/6 INOX 0,20

Miniature brushes

End brushes, crimped



PBU

Suitable for light brushing such as deburring, cleaning and polishing. Miniature brushes can be used on flexible shaft drives, micro motors or electric grinders.

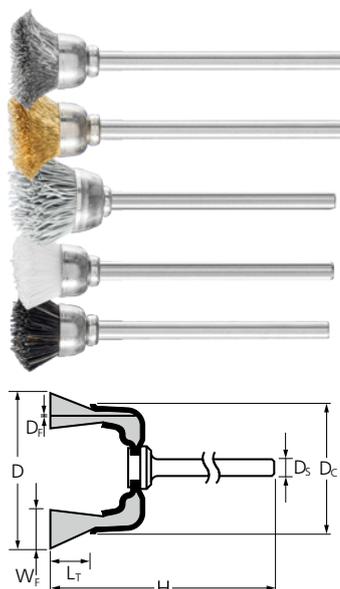


Special features:

- Maximum precision and efficiency in work on delicate workpieces.
- Optimal access to hard-to-reach areas such as drilled holes and cavities as the filament spreads out upon rotation.
- Creates fine surfaces.

D [mm]	D _c [mm]	D _s [mm]	L _r [mm]	D _f [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)										
5	5	3	8	0.10	45	5,000 – 15,000	25,000	1	43200351	PBU 0505/3 ST 0,10
Stainless steel wire (INOX)										
5	5	3	8	0.10	45	4,000 – 10,000	25,000	1	43200352	PBU 0505/3 INOX 0,10
Brass wire (MES)										
5	5	3	8	0.10	45	4,000 – 10,000	25,000	1	43200353	PBU 0505/3 MES 0,10

Cup brushes, crimped



TBU

Suitable for light brushing such as deburring, cleaning and polishing. Particularly suitable for brushing on small surfaces due to face-down use with the entire brush face applied to the workpiece. They can be used on flexible shaft drives, micro motors or electric grinders.



Special features:

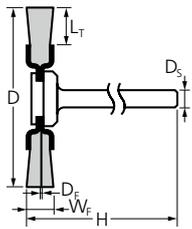
- Maximum precision and efficiency in work on delicate workpieces.
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _c [mm]	D _s [mm]	W _f [mm]	L _r [mm]	D _f [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)											
15	8	3	3	5	0.10	45	5,000 – 10,000	20,000	1	43209251	TBU 1503/3 ST 0,10
Stainless steel wire (INOX)											
15	8	3	3	5	0.10	45	4,000 – 10,000	20,000	1	43209252	TBU 1503/3 INOX 0,10
Brass wire (MES)											
15	8	3	3	5	0.10	45	4,000 – 10,000	20,000	1	43209253	TBU 1503/3 MES 0,10



Miniature brushes

Wheel brushes, crimped



RBU

Suitable for light brushing such as deburring, cleaning and polishing. Miniature brushes can be used on flexible shaft drives, micro motors or electric grinders.



Special features:

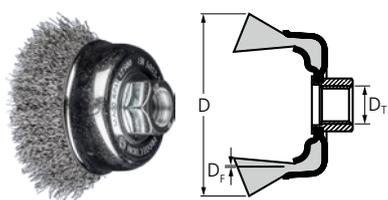
- Maximum precision and efficiency in work on delicate workpieces.
- Enables focused working in hard-to-reach areas.
- Creates fine surfaces.

D [mm]	W _F [mm]	D _S [mm]	L _T [mm]	D _F [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)										
16	2	3	3	0.10	46	5,000 – 10,000	12,000	1	43100351	RBU 1602/3 ST 0,10
Stainless steel wire (INOX)										
16	2	3	3	0.10	46	4,000 – 10,000	12,000	1	43100352	RBU 1602/3 INOX 0,10
Brass wire (MES)										
16	2	3	3	0.10	46	4,000 – 10,000	12,000	1	43100353	RBU 1602/3 MES 0,10

The Universal Line offers a range of brushes in the most common profiles and dimensions. Developed for general and cost-efficient use and for the most common applications. Manufactured to the usual high quality standards according to EN 1083.



Threaded cup brushes, crimped



TBU

Excellent for medium-duty brushing such as deburring, cleaning and derusting on large surfaces.

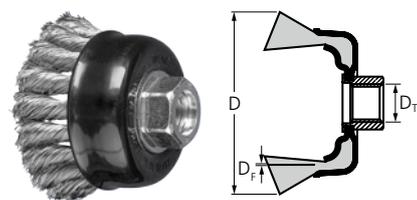
Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.

- Creates fine surfaces.

D [mm]	D _T	D _f [mm]	Max. RPM		Item no.	Designation
Steel wire (ST) in blister packaging						
65	M14x2	0.30	12,500	1	43740103	POS TBU 65/M14 ST 0,30 Universal
80	M14x2	0.50	12,000	1	43740104	POS TBU 80/M14 ST 0,50 Universal
100	M14x2	0.50	8,500	1	43740106	POS TBU 100/M14 ST 0,50 Universal
Stainless steel wire (INOX) in blister packaging						
60	M14x2	0.30	12,500	1	43740148	POS TBU 60/M14 INOX 0,30 Universal

Threaded cup brushes, knotted



TBG

Aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling and removal of spatter.

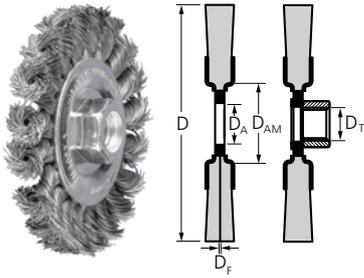
Special features:

- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	D _T	D _f [mm]	Max. RPM		Item no.	Designation
Steel wire (ST) in blister packaging						
100	M14x2	0.35	9,000	1	43740101	POS TBG 100/M14 ST 0,35 Universal
65	M14x2	0.50	12,500	1	43740100	POS TBG 65/M14 ST 0,50 Universal
80	M14x2	0.50	11,000	1	43740108	POS TBG 80/M14 ST 0,50 Universal
Stainless steel wire (INOX) in blister packaging						
65	M14x2	0.35	12,500	1	43740107	POS TBG 65/M14 INOX 0,35 Universal

Universal brushes

Wheel brushes, knotted



RBG

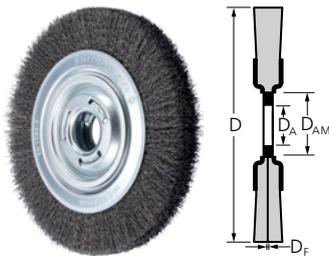
Aggressive brush. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams, removal of adhesive residues and spatter.

Special features:

- Aggressive brushing effect due to the very stiff wire knots.
- Cost-efficient and suitable for general use.

D [mm]	D _A / D _T	D _F [mm]	Max. RPM		Item no.	Designation
Steel wire (ST)						
115	22,2	0.50	12,500	1	43740070	POS RBG 11512/22,2 ST 0,50 Universal
	M14x2/5/8-11	0.50	12,500	1	43740071	POS RBG 11512/MT M14 ST 0,50 Universal
178	22,2	0.50	9,000	1	43740074	POS RBG 17813/22,2 ST 0,50 Universal

Wheel brushes, crimped



RBU, wide

Excellent for medium-duty hand-held or automated brushing of workpieces with large surfaces. Developed for general use in the workshop.

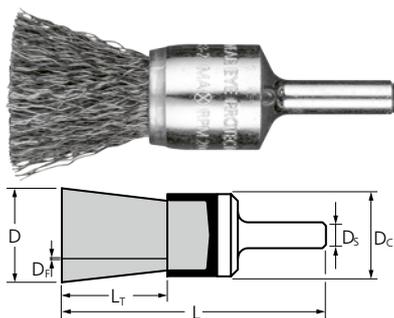
Special features:

- Can be used with all commercially available stationary drive systems and bench grinders thanks to the variable hole diameter.
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _A [mm]	D _{AM} [mm]	D _F [mm]	Max. RPM		Item no.	Designation
Steel wire (ST)							
150	31.75/20/18/14/12/25.4 (1)/22.2 (7/8)/19.2 (.750)/16 (5/8)/12.7 (1/2)	50.8	0.30	6,000	1	43740015	POS RBU 15025/50,8 ST 0,30 Universal
200	31.75/20/18/14/12/25.4 (1)/22.2 (7/8)/19.2 (.750)/16 (5/8)/12.7 (1/2)	50.8	0.30	4,500	1	43740017	POS RBU 20025/50,8 ST 0,30 Universal

Universal brushes

Shank-mounted end brushes, crimped



PBU

Suitable for light brushing such as deburring, cleaning and derusting.

Special features:

- Optimal access to hard-to-reach areas such as drilled holes and cavities as the filament spreads out upon rotation.
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _s [mm]	D _f [mm]	Max. RPM		Item no.	Designation
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Steel wire (ST) in blister packaging

15	6	0.30	20,000	1	43740156	POS PBU 1515/6 ST 0,30 Universal
20	6	0.30	20,000	1	43740157	POS PBU 2020/6 ST 0,30 Universal
30	6	0.30	20,000	1	43740158	POS PBU 3029/6 ST 0,30 Universal

Shank-mounted universal cup brushes, crimped



TBU, for power drills

Generally suitable for cleaning, derusting and smoothing, as well as removal of corrosion and paint. Particularly suitable for brushing on large, flat and easily accessible surfaces due to face-down use with the entire brush face applied to the workpiece. Specially developed for use within a low rotational speed range on cordless drills and power drills.

Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _s [mm]	Grit size	D _f [mm]	Max. RPM		Item no.	Designation
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Steel wire (ST) in blister packaging

50	6	-	0.30	4,500	1	43740138	POS TBU 50/6 ST 0,30 Universal
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Stainless steel wire (INOX) in blister packaging

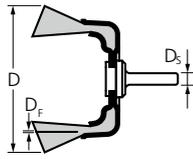
50	6	-	0.30	4,500	1	43740139	POS TBU 50/6 INOX 0,30 Universal
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Plastic filament, coarse (RED) in blister packaging

50	6	80	1.27	4,500	1	43740141	POS TBU 50/6 Red 80 Universal
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Universal brushes

Shank-mounted universal cup brushes, knotted



TBG, for straight grinder

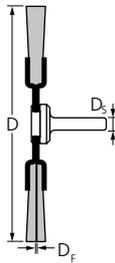
Aggressive brush. Excellent for heavy-duty brushing such as deburring, cleaning and derusting on large surfaces.

Special features:

- Aggressive brushing effect due to the very stiff wire knots.

D [mm]	D _s [mm]	D _f [mm]	Max. RPM		Item no.	Designation
Steel wire (ST)						
65	6	0.50	12,500	1	43740160	POS TBG 65/6 ST 0,50 Universal

Shank-mounted universal wheel brushes, crimped



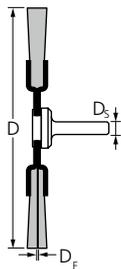
RBU, for power drills

Generally suitable for cleaning, derusting, smoothing, cleaning of weld seams, light deburring, and removal of corrosion and paint. Specially developed for use within a low rotational speed range on cordless drills and power drills.

Special features:

- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _s [mm]	Grit size	D _f [mm]	Max. RPM		Item no.	Designation
Plastic filament, coarse (RED) in blister packaging							
100	6	80	1.27	4,500	1	43740150	POS RBU 10010/6 Red 80 Universal



RBU, for straight grinder

Generally suitable for cleaning, derusting, smoothing, cleaning of weld seams, light deburring, and removal of corrosion and paint.

Special features:

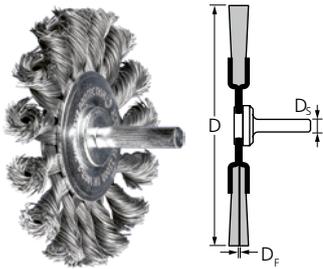
- Highly flexible, enabling optimal adjustment to the workpiece contour.
- Creates fine surfaces.

D [mm]	D _s [mm]	D _f [mm]	Max. RPM		Item no.	Designation
Steel wire (ST) in blister packaging						
50	6	0.30	15,000	1	43740152	POS RBU 5015/6 ST 0,30 Universal
70	6	0.30	15,000	1	43740153	POS RBU 7015/6 ST 0,30 Universal

Stainless steel wire (INOX) in blister packaging						
50	6	0.30	15,000	1	43740154	POS RBU 5015/6 INOX 0,30 Universal
70	6	0.30	15,000	1	43740155	POS RBU 7015/6 INOX 0,30 Universal

Universal brushes

Shank-mounted universal wheel brushes, knotted



RBG

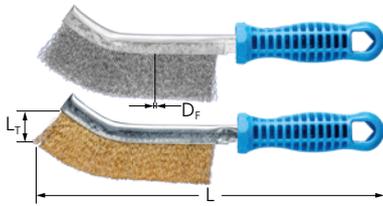
Aggressive brush for cleaning, derusting and work on weld seams.

Special features:

- Aggressive brushing effect due to the very stiff wire knots.
- Optimal access to hard-to-reach areas such as grooves and recesses.

D [mm]	D _S [mm]	D _F [mm]	Max. RPM		Item no.	Designation
Steel wire (ST) in blister packaging						
76	6	0.50	25,000	1	43740159	POS RBG 7612/6 ST 0,50 Universal

Universal scratch brushes, curved



HBG, curved

Excellent for cleaning work in hard-to-reach areas, e.g. angles, corners and pipes.

Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST)						
1	30	255	0.30	1	43740044	POS HBG 10 ST 0,30 Universal
Stainless steel wire (INOX)						
1	30	255	0.30	1	43740045	POS HBG 10 INOX 0,30 Universal
Brass wire (MES)						
1	30	255	0.30	1	43740043	POS HBG 10 MES 0,30 Universal





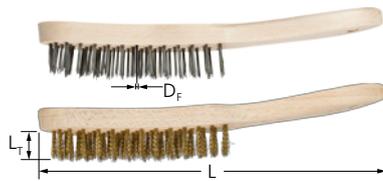
Arbor for POLISCRATCH

For mounting POLISCRATCH brushes on straight grinders, flexible shafts or power drills.

Special features:

- Secure hold of the brush thanks to highly accurate fit.

D_T	D_S [mm]	Suitable for		Item no.	Designation
M14x2	8	Wheel brushes RBU, POLISCRATCH	1	43595014	BO 8/M14



HBU, universal use

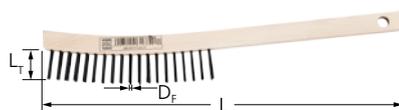
Generally suitable for all light cleaning and derusting work.



Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST)						
5	25	290	0.35	10	43670001	HBU 50 ST 0,35
Stainless steel wire (INOX)						
5	25	290	0.30	10	43670003	HBU 50 INOX 0,30
Brass wire (MES)						
5	25	290	0.30	10	43670002	HBU 50 MES 0,30



HBU LH, Long Handle

Suitable for cleaning, derusting, and cleaning of weld seams and surfaces. Extra-long handle.

Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST)						
4	25	350	0.35	10	43673011	HBU LH 40 ST 0,35



HBK, for fillet welds

Suitable for cleaning and derusting fillet welds and V-shaped welds thanks to the V shape.



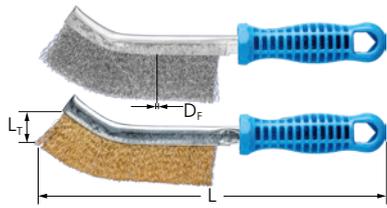
Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST)						
3	35	290	0.35	10	43676001	HBK 30 ST 0,35
Stainless steel wire (INOX)						
3	35	290	0.35	1	43676003	HBK 30 INOX 0,35

Scratch brushes

Scratch brushes



HBG, curved

Excellent for cleaning work in hard-to-reach areas, e.g. angles, corners and pipes.



Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST) – ST = brass-plated steel wire						
1	25	265	0.30	10	43660001	HBG 10 ST 0,30
Stainless steel wire (INOX)						
1	25	265	0.30	10	43662003	HBG 10 INOX 0,30
Brass wire (MES)						
1	25	265	0.30	10	43662002	HBG 10 MES 0,30



HBZ, for spark plugs

Particularly well suited to cleaning spark plugs, small workpieces and tools.

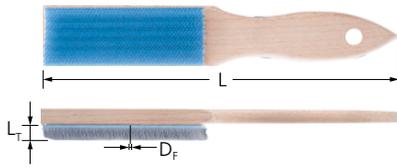
Special features:

- Excellent for the precise cleaning of small weld seams.
- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Brass wire (MES)						
3	15	145	0.15	10	43677002	HBZ 30 MES 0,15

Scratch brushes

Scratch brushes



HBF, for files

The file brush effortlessly cleans chips from a clogged file.

Special features:

- Optimum presentation on the PFERD TOOLS CENTER using hanging hole and labelling with EAN number, designation and filament material.

Rows	L _T [mm]	L [mm]	D _F [mm]		Item no.	Designation
Steel wire (ST)						
1	7	232	0.30	5	12601000	HBF 10 ST 0,30