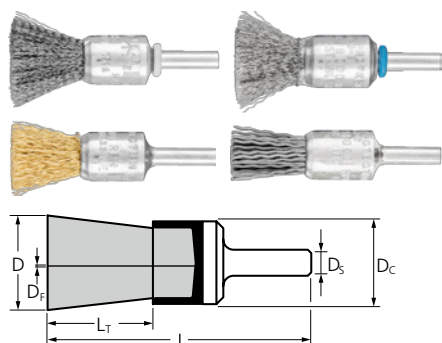


Shank-mounted end brushes

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 _r [mm]	Grit size	D _f [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

10	10	6	20	-	0.20	65	10,000 – 15,000	20,000	10	43204005	PBU 1010/6 ST 0,20
					0.35	65	10,000 – 15,000	20,000	10	43204001	PBU 1010/6 ST 0,35
13	12	6	20	-	0.20	65	10,000 – 15,000	20,000	10	43204105	PBU 1312/6 ST 0,20
					0.35	65	10,000 – 15,000	20,000	10	43204101	PBU 1312/6 ST 0,35
15	16	6	22	-	0.20	65	9,000 – 13,500	18,000	10	43203005	PBU 1516/6 ST 0,20
					0.35	65	9,000 – 13,500	18,000	10	43203001	PBU 1516/6 ST 0,35
20	22	6	25	-	0.20	70	9,000 – 13,500	18,000	10	43704001	POS PBU 1516/6 ST 0,35
										43202005	PBU 2022/6 ST 0,20
					0.50	70	9,000 – 13,500	18,000	10	43704013	POS PBU 2022/6 ST 0,20
										43202001	PBU 2022/6 ST 0,50
30	29	6	25	-	0.20	70	7,500 – 11,300	15,000	10	43201005	PBU 3029/6 ST 0,20
					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	-	0.15	65	8,000 – 13,000	20,000	10	43204010	PBU 1010/6 INOX 0,15
					0.20	65	8,000 – 13,000	20,000	10	43204007	PBU 1010/6 INOX 0,20
					0.35	65	8,000 – 13,000	20,000	10	43204003	PBU 1010/6 INOX 0,35
13	12	6	20	-	0.15	65	8,000 – 13,000	20,000	10	43204109	PBU 1312/6 INOX 0,15
					0.20	65	8,000 – 13,000	20,000	10	43204107	PBU 1312/6 INOX 0,20
					0.35	65	8,000 – 13,000	20,000	10	43204103	PBU 1312/6 INOX 0,35
15	16	6	22	-	0.15	65	7,200 – 11,700	18,000	10	43203011	PBU 1516/6 INOX 0,15
					0.20	65	7,200 – 11,700	18,000	10	43203007	PBU 1516/6 INOX 0,20
										43704014	POS PBU 1516/6 INOX 0,20
					0.35	65	7,200 – 11,700	18,000	10	43203003	PBU 1516/6 INOX 0,35
										43704002	POS PBU 1516/6 INOX 0,35
20	22	6	25	-	0.15	70	7,200 – 11,700	18,000	10	43202011	PBU 2022/6 INOX 0,15
					0.20	70	7,200 – 11,700	18,000	10	43202007	PBU 2022/6 INOX 0,20
										43704015	POS PBU 2022/6 INOX 0,20
					0.50	70	7,200 – 11,700	18,000	10	43202003	PBU 2022/6 INOX 0,50
										43704006	POS PBU 2022/6 INOX 0,50
30	29	6	25	-	0.15	70	6,000 – 9,800	15,000	10	43201011	PBU 3029/6 INOX 0,15
					0.20	70	6,000 – 9,800	15,000	10	43201007	PBU 3029/6 INOX 0,20
					0.50	70	6,000 – 9,800	15,000	10	43201003	PBU 3029/6 INOX 0,50

Brass wire (MES)

10	10	6	20	-	0.30	65	8,000 – 13,000	20,000	10	43204002	PBU 1010/6 MES 0,30
13	12	6	20	-	0.30	65	8,000 – 13,000	20,000	10	43204102	PBU 1312/6 MES 0,30
15	16	6	22	-	0.30	65	7,200 – 11,700	18,000	10	43203002	PBU 1516/6 MES 0,30

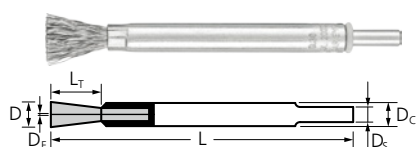
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D [mm]	D _C [mm]	D _S [mm]	L _T [mm]	Grit size	D _F [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
20	22	6	25	-	0.50	70	7,200 – 11,700	18,000	10	43202002	PBU 2022/6 MES 0,50
30	29	6	25	-	0.50	70	6,000 – 9,800	15,000	10	43201002	PBU 3029/6 MES 0,50

Silicon carbide (SiC) plastic filament

10	10	6	20	180	0.90	65	8,000 – 13,000	20,000	10	43204004	PBU 1010/6 SiC 180 0,90
13	12	6	20	180	0.90	65	8,000 – 13,000	20,000	10	43204104	PBU 1312/6 SiC 180 0,90
15	16	6	22	180	0.90	65	7,200 – 11,700	18,000	10	43203004	PBU 1516/6 SiC 180 0,90
20	22	6	25	180	0.90	70	7,200 – 11,700	18,000	10	43202004	PBU 2022/6 SiC 180 0,90
										43704008	POS PBU 2022/6 SiC 180 0,90
30	29	6	25	180	0.90	70	6,000 – 9,800	15,000	10	43201004	PBU 3029/6 SiC 180 0,90



PBUL, long

Suitable for light brushing such as deburring, cleaning and derusting. Particularly long version to access deep areas.

Special features:

- Optimal access to hard-to-reach areas.

- Creates fine surfaces.

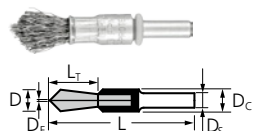
D [mm]	D _C [mm]	D _S [mm]	L _T [mm]	D _F [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

10	10	6	20	0.20	120	4,000 – 9,500	20,000	10	43216001	PBUL 1010/6 ST 0,20
				0.30	120	4,000 – 9,500	20,000	10	43216002	PBUL 1010/6 ST 0,30

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

10	10	6	20	0.20	120	3,500 – 9,000	20,000	10	43216005	PBUL 1010/6 INOX 0,20
				0.30	120	3,500 – 9,000	20,000	10	43216006	PBUL 1010/6 INOX 0,30



PBUS, pointed

Suitable for light brushing such as deburring, cleaning and derusting. Tapered tip for superb accuracy.



Special features:

- Optimal access to hard-to-reach areas.
- 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
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Steel wire (ST)

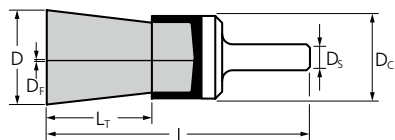
10	10	6	20	0.30	60	10,000 – 15,000	20,000	10	43217002	PBUS 1010/6 ST 0,30
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Stainless steel wire (INOX) – Supplied with plastic-covered brush body. All INOX brushes are degreased.

10	10	6	20	0.30	60	8,000 – 13,000	20,000	10	43217006	PBUS 1010/6 INOX 0,30
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Shank-mounted end brushes

crimped



PBV, encapsulated

Particularly aggressive brushing effect for heavy-duty brushing.

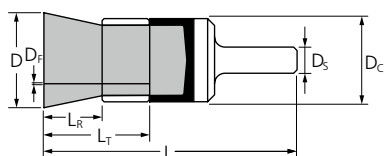
Special features:

- Focused working thanks to high dimensional stability.
- Maximum tool life as premature wire breakage is prevented.

D [mm]	D _c [mm]	D _s [mm]	L _r [mm]	D _f [mm]	L [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

22	22	6	25	0.25	70	6,500 – 9,800	13,000	10	43208001	PBV 2222/6 ST 0,25
30	29	6	25	0.35	70	6,500 – 9,800	13,000	10	43208005	PBV 3029/6 ST 0,35



PBUR, with bridle

Suitable for light brushing such as deburring, cleaning and derusting. The bridle prevents the wires spreading out sideways. The bridle enables the spreading out and flexibility of the brush filament to be strictly controlled.



- If the filament has worn away down to the bridle, it can be removed from the bridle for further use. This does not affect the brushing behaviour.
- Creates fine surfaces.

Special features:

- Optimal access to hard-to-reach areas such as recesses and drilled holes.

D [mm]	D _c [mm]	D _s [mm]	L _r [mm]	L _r [mm]	L [mm]	D _f [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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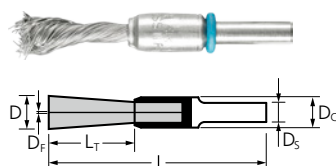
Steel wire (ST)

13	16	6	13	25	70	0.20	7,500 – 11,300	15,000	10	43212001	PBUR 1316/6 ST 0,20
						0.35	7,500 – 11,300	15,000	10	43215001	PBUR 1316/6 ST 0,35
20	22	6	13	25	70	0.20	6,300 – 9,400	12,500	10	43213001	PBUR 2022/6 ST 0,20
						0.35	6,300 – 9,400	12,500	10	43213002	PBUR 2022/6 ST 0,35
25	30	6	13	25	70	0.20	6,300 – 9,400	12,500	10	43214001	PBUR 2530/6 ST 0,20
						0.35	6,300 – 9,400	12,500	10	43214002	PBUR 2530/6 ST 0,35

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

13	16	6	13	25	70	0.20	6,000 – 9,800	15,000	10	43212003	PBUR 1316/6 INOX 0,20
20	22	6	13	25	70	0.20	5,000 – 8,100	12,500	10	43213004	PBUR 2022/6 INOX 0,20
25	30	6	13	25	70	0.20	5,000 – 8,100	12,500	10	43214004	PBUR 2530/6 INOX 0,20

Shank-mounted end brushes knotted



PBGS, SINGLETWIST

Particularly flexible single-knot brush for special applications.



Special features:

- Optimal access to hard-to-reach areas such as inside corners, as the knot is less likely to unravel.

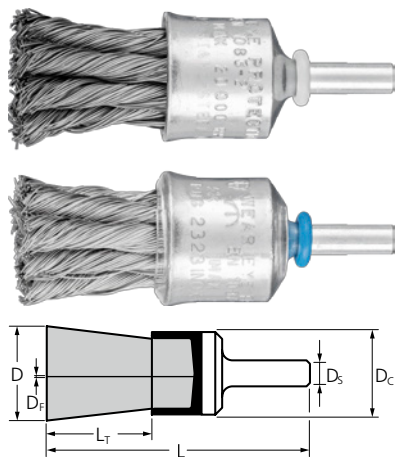
D [mm]	D _c [mm]	D _s [mm]	L _r [mm]	L [mm]	D _f [mm]	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

10	10	6	25	65	0.20	5,000 – 7,500	10,000	10	43218001	PBGS 1010/6 ST 0,20
					0.35	5,000 – 7,500	10,000	10	43218002	PBGS 1010/6 ST 0,35
					0.50	5,000 – 7,500	10,000	10	43218003	PBGS 1010/6 ST 0,50
12	10	6	28	71	0.20	5,000 – 7,500	10,000	10	43218011	PBGS 1210/6 ST 0,20

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

10	10	6	25	65	0.20	4,000 – 6,500	10,000	10	43218005	PBGS 1010/6 INOX 0,20
					0.35	4,000 – 6,500	10,000	10	43218006	PBGS 1010/6 INOX 0,35
					0.50	4,000 – 6,500	10,000	10	43218007	PBGS 1010/6 INOX 0,50
12	10	6	28	71	0.20	4,000 – 6,500	10,000	10	43218015	PBGS 1210/6 INOX 0,20



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 _r [mm]	D _f [mm]	L [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
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Steel wire (ST)

19	19	6	28	0.25	68	6	10,000 – 15,000	20,000	10	43207012	PBG 1919/6 ST 0,25
				0.35	68	6	10,000 – 15,000	20,000	10	43207001	PBG 1919/6 ST 0,35
				0.50	68	6	10,000 – 15,000	20,000	10	43706001	POS PBG 1919/6 ST 0,35
										43207005	PBG 1919/6 ST 0,50
										43706003	POS PBG 1919/6 ST 0,50
23	23	6	28	0.25	68	8	10,000 – 15,000	20,000	10	43208021	PBG 2323/6 ST 0,25
				0.35	68	8	10,000 – 15,000	20,000	10	43208026	PBG 2323/6 ST 0,35
				0.50	68	8	10,000 – 15,000	20,000	10	43208031	PBG 2323/6 ST 0,50
30	28	6	25	0.25	68	12	8,000 – 11,300	20,000	10	43209011	PBG 3028/6 ST 0,25

Continued on next page

Shank-mounted end brushes

knotted



D [mm]	D _c [mm]	D _s [mm]	L _T [mm]	D _f [mm]	L [mm]	Knots	Opt. RPM	Max. RPM		Item no.	Designation
30	28	6	25	0.35	68	12	8,000 – 11,300	20,000	10	43209001	PBG 3028/6 ST 0,35
										43706005	POS PBG 3028/6 ST 0,35
				0.50	68	12	8,000 – 11,300	20,000	10	43209002	PBG 3028/6 ST 0,50
										43706007	POS PBG 3028/6 ST 0,50

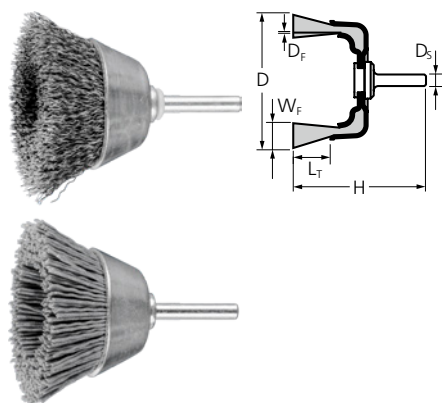
Stainless steel wire (INOX) – Supplied with plastic-covered brush body. All INOX brushes are degreased.

19	19	6	28	0.15	68	6	8,000 – 13,000	20,000	10	43207011	PBG 1919/6 INOX 0,15
				0.25	68	6	8,000 – 13,000	20,000	10	43207013	PBG 1919/6 INOX 0,25
				0.35	68	6	8,000 – 13,000	20,000	10	43207003	PBG 1919/6 INOX 0,35
										43706002	POS PBG 1919/6 INOX 0,35
				0.60	68	6	8,000 – 13,000	20,000	10	43207007	PBG 1919/6 INOX 0,60
23	23	6	28	0.15	68	8	8,000 – 13,000	20,000	10	43208012	PBG 2323/6 INOX 0,15
				0.25	68	8	8,000 – 13,000	20,000	10	43208022	PBG 2323/6 INOX 0,25
				0.35	68	8	8,000 – 13,000	20,000	10	43208027	PBG 2323/6 INOX 0,35
				0.60	68	8	8,000 – 13,000	20,000	10	43208032	PBG 2323/6 INOX 0,60
30	28	6	25	0.15	68	12	6,000 – 9,800	20,000	10	43209007	PBG 3028/6 INOX 0,15
				0.25	68	12	6,000 – 9,800	20,000	10	43209012	PBG 3028/6 INOX 0,25
				0.35	68	12	6,000 – 9,800	20,000	10	43209004	PBG 3028/6 INOX 0,35
										43706006	POS PBG 3028/6 INOX 0,35
				0.60	68	12	6,000 – 9,800	20,000	10	43209005	PBG 3028/6 INOX 0,60



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 _T [mm]	Grit size	D _F [mm]	H [mm]	Opt. RPM	Max. RPM		Item no.	Designation
Steel wire (ST)											
30	10	6	15	-	0.20	60	5,300 – 7,900	10,500	10	43209701	TBU 3010/6 ST 0,20
40	15	6	20	-	0.20	70	5,300 – 7,900	10,500	10	43209711	TBU 4015/6 ST 0,20
50	10	6	20	-	0.30	75	5,300 – 7,900	10,500	10	43210001	TBU 5010/6 ST 0,30
									5	43703001	POS 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
70	15	6	22	-	0.20	80	3,000 – 4,500	6,000	10	43211201	TBU 7015/6 ST 0,20
					0.30	80	3,000 – 4,500	6,000	10	43211202	TBU 7015/6 ST 0,30
Stainless steel wire (INOX) – Supplied with plastic-covered brush body.											
30	10	6	15	-	0.20	60	4,200 – 6,800	10,500	10	43209704	TBU 3010/6 INOX 0,20
40	15	6	20	-	0.20	70	4,200 – 6,800	10,500	10	43209714	TBU 4015/6 INOX 0,20
50	10	6	20	-	0.30	75	4,200 – 6,800	10,500	10	43210003	TBU 5010/6 INOX 0,30
									5	43703002	POS TBU 5010/6 INOX 0,30
60	15	6	20	-	0.30	85	1,800 – 2,900	4,500	10	43211003	TBU 6015/6 INOX 0,30
70	15	6	22	-	0.20	80	2,400 – 4,000	6,000	10	43211204	TBU 7015/6 INOX 0,20
					0.30	80	2,400 – 4,000	6,000	10	43211205	TBU 7015/6 INOX 0,30
Silicon carbide (SiC) plastic filament											
50	10	6	20	180	0.90	75	4,200 – 6,800	10,500	10	43210004	TBU 5010/6 SiC 180 0,90
									5	43703003	POS TBU 5010/6 SiC 180 0,90
60	15	6	20	180	0.90	85	1,800 – 2,900	4,500	10	43211004	TBU 6015/6 SiC 180 0,90
Ceramic oxide grain (CO) plastic filament											
50	15	6	22	120	1.10	75	4,200 – 6,800	10,500	10	43210025	TBU 5015/6 CO 120 1,10

