



Cleaning tools for high-speed machines

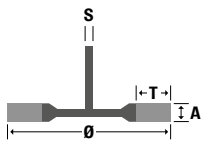
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CLEANING TOOLS FOR HIGH-SPEED MACHINES

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted wire

Superior ★★★★★☆

Knotted wheel brush, industrial quality, for use on power drills and high-speed machines

- Osborn bestseller
- High cleaning performance
- 6 mm shaft enables simple mounting
- Also suitable for use on high-speed machines
- TÜV-Süd certified (safety tested, production monitored)

Applications: Cleaning, deburring, removal of slag and silicates, weld seam finishing, removal of protective undercoating in car workshops

Ø	A	T	S	Max. RPM	PU	■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ INOX / 0.50 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	18	6	20000	12	0202-611 131		0202-611 151		0202-611 351	

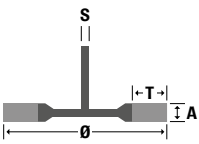
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



Ø	A	T	S	Max. RPM	PU	■ Steel / 0.50 ■		■ INOX / 0.50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
75	12	18	6	20000	8	7202-611 151		7012-611 351			



Appearance can vary from picture depending on variant.



Wheel brushes, crimped wire

Superior ★★★★★☆

Crimped wheel brush, industrial quality, for use on power drills and high-speed machines

- Thanks to a number of selectable filament materials and brush diameters there is a brush for every application
- Short brush diameters enable access to difficult places
- Also suitable for use on high-speed machines
- TÜV-Süd certified (safety tested, production monitored)

Applications: Edge honing, finishing bores, deburring and minor cleaning work

Ø	A	T	S	Max. RPM	PU	■ Steel / 0.15 ■		■ Steel / 0.20 ■		■ Steel / 0.30 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	6	4	6	20000	10	0002-501 132		0002-501 142			
20	9	4	6	20000	10			0002-501 143			
30	6	6	6	20000	10			0002-502 141			
30	9	6	6	20000	10	0002-502 132		0002-502 142			
30	12	6	6	20000	10			0002-502 143			
40	11	10	6	18000	10	0002-503 132		0002-503 142			
40	16	10	6	18000	10			0002-503 143			
50	10	13	6	15000	10			0002-504 141		0002-504 161	
50	17	13	6	15000	10	0002-504 132		0002-504 142		0002-504 162	
50	23	13	6	15000	10			0002-504 143		0002-504 163	
60	12	15	6	15000	10			0002-505 141		0002-505 161	
60	18	15	6	15000	10	0002-505 132		0002-505 142		0002-505 162	
70	11	15	6	15000	10			0002-506 141		0002-506 161	
70	18	15	6	15000	10	0002-506 132		0002-506 142		0002-506 162	
80	19	20	6	15000	10			0002-507 142		0002-507 162	

More variants on the following page



CLEANING TOOLS FOR HIGH-SPEED MACHINES

Wheel brushes

Ø	A	T	S	Max. RPM	PU	INOX / 0.15		INOX / 0.20		INOX / 0.30	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	6	6	6	20000	10			0002-502 341			
30	9	6	6	20000	10	0002-502 332		0002-502 342			
30	12	6	6	20000	10	0002-502 333		0002-502 343			
40	7	10	6	18000	10	0002-503 331		0002-503 341			
40	11	10	6	18000	10	0002-503 332		0002-503 342			
40	16	10	6	18000	10	0002-503 333		0002-503 343			
50	10	13	6	15000	10			0002-504 341		0002-504 361	
50	17	13	6	15000	10	0002-504 332		0002-504 342		0002-504 362	
50	23	13	6	15000	10			0002-504 343			
60	12	15	6	15000	10			0002-505 341		0002-505 361	
60	18	15	6	15000	10	0002-505 332		0002-505 342		0002-505 362	
60	23	15	6	15000	10			0002-505 343		0002-505 363	
70	11	15	6	15000	10			0002-506 341		0002-506 361	
70	18	15	6	15000	10	0002-506 332		0002-506 342		0002-506 362	
70	23	15	6	15000	10			0002-506 343		0002-506 363	
80	10	20	6	15000	10					5162-507 361	
80	19	20	6	15000	10			0002-507 342		0002-507 362	

Brass / 0.20

Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	9	6	6	20000	10	0002-502 542					
40	11	10	6	18000	10	0002-503 542					
50	17	13	6	15000	10	0002-504 542					
60	18	15	6	15000	10	0002-505 542					
70	18	15	6	15000	10	0002-506 542					
80	19	20	6	15000	10	0002-507 542					

Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



Steel / 0.30

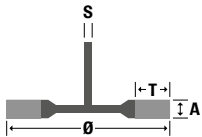
Ø	A	T	S	Max. RPM	PU	Steel / 0.30		INOX / 0.20		INOX / 0.30	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	13	6	15000	6			3002-504 342		7002-504 362	
60	18	15	6	15000	6	7002-505 162					
80	19	20	6	15000	6	7002-507 162		7002-507 342		7002-507 362	

Brass / 0.20

Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	18	15	6	15000	6	7002-505 542					



Appearance can vary from picture depending on variant.



Wheel brushes, abrasive filament

Evolution ★★★★★

Ringlock wheel brush, industrial quality, with abrasive silicone carbide filament for attaching to high-speed machines.

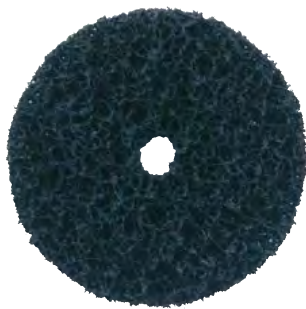
- Also suitable for non-ferrous metals and synthetics
- The short diameter enables access to hard to reach areas

Applications: Deburring, edge rounding and surface finishing, can be used on a large number of materials

Ø	A	T	B	Max. RPM	PU	■ Grit 120 ■		■ Grit 180 ■		■ Grit 320 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
38	10	6	1/2"	20000	12	9906-011 146		9906-011 147		9906-011 148	
50	10	11	5/8"	15000	12	9906-011 149		9906-011 150		9906-011 151	
63	13	17	5/8"	15000	12	9906-011 153		9906-011 154		9906-011 155	

Ø	A	T	S	Max. RPM	PU	■ Grit 120 ■		■ Grit 180 ■		■ Grit 320 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
38	10	6	6	20000	10	9906-011 446		9906-011 447		9906-011 448	
50	10	11	6	15000	10	9906-011 449		9906-011 450		9906-011 451	
63	13	17	6	15000	10	9906-011 453		9906-011 454		9906-011 455	

Coarse cleaning fleeces



Coarse cleaning fleeces for angled and straight grinders

Superior ★★★★★☆

Suitable for cleaning and polishing all surfaces. A tensioning shaft is used for straight and cylindrical grinders.

- Removes old paint, rust and weld spots from metal without scratching the surface of the workpiece
- Cleans wood and plastic
- Polishes stainless steel
- Removes thermal bluing

Applications: General-purpose use for metals, stainless steel, wood and plastic

To find the tensioning shaft for the coarse cleaning fleece, refer to page 176



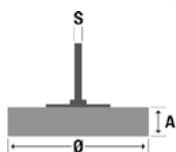
Ø in mm	Ø in inches	RPM	PU	Order no.	€ per pcs	EAN 4081600
100	4	6000	10	6700 006 000		670301
150	6	4000	10	6700 007 000		670356

CLEANING TOOLS FOR HIGH-SPEED MACHINES

Flap wheels



Appearance can vary from picture depending on variant.



Flap wheels

Superior ★★★★★

Coated abrasive flap wheels with aluminium oxide, industrial quality, for use on high-speed machines

- Homogeneous pattern
- Adapt perfectly to complex contours
- Small surfaces that are difficult to access can be reached perfectly
- Can be used universally on many different materials

Applications: Pre-sanding and texturing. Burrs and scratches can be removed. For the surface treatment of almost all parts made of steel, aluminium, non-ferrous metals, wood and hard plastic

Ø	A	S	RPM max.	PU	■ Abr. bristle / Grit 40 ■		■ Abr. bristle / Grit 60 ■		■ Abr. bristle / Grit 80 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	10	6	25400	10	0043-003 010		0063-003 010		0083-003 010	
30	15	6	25400	10	0043-003 015		0063-003 015		0083-003 015	
40	20	6	19100	10	0043-004 020		0063-004 020		0083-004 020	
40	30	6	17000	10	0063-004 030		0083-004 030		0123-004 030	
50	20	6	15200	10	0043-005 020		0063-005 020		0083-005 020	
50	30	6	15200	10	0043-005 030		0063-005 030		0083-005 030	
60	20	6	12700	10	0043-006 020		0063-006 020		0083-006 020	
60	30	6	12700	10	0043-006 030		0063-006 030		0083-006 030	
60	40	6	12700	10	0043-006 040		0063-006 040		0083-006 040	
80	50	6	8900	10	0043-008 050		0063-008 050		0083-008 050	

Flap wheels

					■ Abr. bristle / Grit 120 ■		■ Abr. bristle / Grit 150 ■		■ Abr. bristle / Grit 180 ■	
Ø	A	S	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	10	6	25400	10	0123-003 010		0153-003 010		0183-003 010	
30	15	6	25400	10	0123-003 015		0153-003 015		0183-003 015	
40	20	6	19100	10	0123-004 020		0153-004 020		0183-004 020	
50	20	6	15200	10	0123-005 020		0153-005 020		0183-005 020	
50	30	6	15200	10	0123-005 030		0153-005 030		0183-005 030	
60	20	6	12700	10	0123-006 020		0153-006 020		0183-006 020	
60	30	6	12700	10	0123-006 030		0153-006 030		0183-006 030	
60	40	6	12700	10	0123-006 040		0153-006 040		0183-006 040	

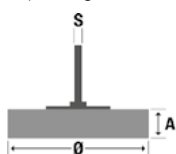
					■ Abr. bristle / Grit 240 ■					
Ø	A	S	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	10	6	25400	10	0243-003 010					
30	15	6	25400	10	0243-003 015					
40	20	6	19100	10	0243-004 020					
50	20	6	15200	10	0243-005 020					
50	30	6	15200	10	0243-005 030					
60	20	6	12700	10	0243-006 020					
60	30	6	12700	10	0243-006 030					
60	40	6	12700	10	0243-006 040					
80	50	6	8900	10	0243-008 050					

CLEANING TOOLS FOR HIGH-SPEED MACHINES

Flap wheels



Appearance can vary from picture depending on variant.



Coated abrasive and non-woven combi flap wheels

Superior ★★☆☆☆

Combi flap wheel with coated abrasives and non-woven material, industrial quality, for use on high-speed machines

- The combination of two filament materials means minor scratches can be removed, and simultaneously the workpiece can be perfectly readied for satin finishing
- The surface pattern can be tailored to individual needs depending on cutting speed and contact pressure
- The combination of abrasive fleece and non-woven material enhances the sanding effect of the fleece

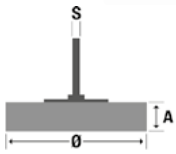
Applications: Fine surface pattern and readying for satin finishing. Ideal for removing minor scratches; final finish also possible depending on grit size

					■ Abr. bristle / Grit 60 ■		■ Abr. bristle / Grit 80 ■		■ Abr. bristle / Grit 150 ■	
Ø	A	S	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
40	20	6	17100	10	0063-404 020		0083-404 020		0153-404 020	
60	40	6	11500	10	0063-406 040		0083-406 040		0153-406 040	
80	50	6	8600	10	0063-408 050		0083-408 050		0153-408 050	

					■ Abr. bristle / Grit 240 ■					
Ø	A	S	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
40	20	6	17100	10	1243-404 020					
60	40	6	11500	10	1243-406 040					
80	50	6	8600	10	1243-408 050					



Appearance can vary from picture depending on variant.



Non-woven abrasive flap wheels

Superior ★★☆☆☆

Non-woven abrasive flap wheel with aluminium oxide abrasive grit, industrial quality, for use on high-speed machines

- Fine and harmonious surface finish due to the dense structure of the non-woven material
- Besides the main application, oxide layers can be cleaned off and wood and plastic can be smoothed

Applications: Matting, satin and final finishing

Ø	A	S	RPM max.	PU	■ Abr. bristle / coarse ■		■ Abr. bristle / medium ■		■ Abr. bristle / fine ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
40	20	6	17100	10	0083-304 020		0153-304 020		0243-304 020	
40	30	6	17100	10	0083-304 030		0153-304 030		0243-304 030	
50	30	6	13700	10	0083-305 030		0153-305 030		0243-305 030	
50	40	6	13700	10	0083-305 040		0153-305 040		0243-305 040	
60	30	6	11500	10	0083-306 030		0153-306 030		0243-306 030	
80	50	6	8600	10	0083-308 050		0153-308 050		0243-308 050	

Ø	A	S	RPM max.	PU	■ Abr. bristle / very fine ■		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
					Order no.	€ per pcs						
40	20	6	17100	10			0323-304 020					
40	30	6	17100	10			0323-304 030					
50	30	6	13700	10			0323-305 030					
50	40	6	13700	10			0323-305 040					
60	30	6	11500	10			0323-306 030					
80	50	6	8600	10			0323-308 050					

Comparable grits Fleece vs. FEPA

- Coarse = 80 - 120
- Medium = 150 - 220
- Fine = 240 - 360
- Very fine = 400 - 600

Good to know

Flap wheels are excellently suited to surface cleaning. They generate a surface pattern of high density on all metal surfaces.

With aluminium oxide.

CLEANING TOOLS FOR HIGH-SPEED MACHINES

End brushes



End brushes, knotted wire

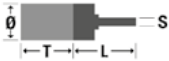
Superior ★★★★★

Knotted end brush, industrial quality, for use on high-speed machines

- The diameter of the brush changes with increasing work speed; the brush flares, meaning different bore diameters can be worked on
- TÜV-Süd certified (design tested, production monitored)

Applications: Rust removal, paint stripping, deburring, weld seams

Appearance can vary from picture depending on variant.

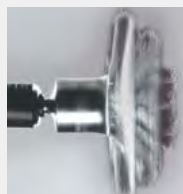


						■ Steel / 0.26 ■		■ Steel / 0.35 ■			
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	0002-630 304		0002-630 305			
23	29	44	6	20000	12	0002-630 310		0002-630 311			
30	29	44	6	20000	12	0002-630 316		0002-630 317			
						■ INOX / 0.26 ■		■ INOX / 0.35 ■			
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	0002-630 328					
23	29	44	6	20000	12	0002-630 334		0002-630 335			
30	29	44	6	20000	12	0002-630 340		0002-630 341			

Important:

The brushes flare when the machine is running (see picture).

The table below provides information on the extent of brush flaring in relation to body diameter and rotation speed.



Body Ø	Wire thickness	At speed ≤ min ⁻¹ 5,000	At speed ≤ min ⁻¹ 8,000	At speed ≤ min ⁻¹ 15,000
20	0.26	55	70	75
20	0.35	25	50	70
23	0.26	40	65	75
23	0.35	35	55	70
30	0.26	55	70	85
30	0.35	50	70	80

Recommended working speed about 50% of the max. min⁻¹



Appearance can vary from picture depending on variant.



End brushes, knotted wire

Evolution ★★★★★

Ruftuf end brushes, high-end quality, with high-performance wire developed by Osborn, for use on high-speed machines

- High-performance wire developed by Osborn
- Particularly cost-effective, long life, high tensile strength, high breaking strain and short set-up times
- The diameter of the brush changes with increasing work speed; the brush flares, meaning different bore diameters can be worked on
- Aggressive cleaning performance
- TÜV-Süd certified (design tested, production monitored)

Applications: Rust removal, paint stripping, deburring, weld seams

						■ Osborn steel / 0.15 ■		■ Osborn steel / 0.26 ■		■ Osborn steel / 0.35 ■	
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	9906-030 302		9906-030 304		9906-030 305	
23	29	44	6	20000	12	9906-030 308		9906-030 310		9906-030 311	
30	29	44	6	20000	12	9906-030 314		9906-030 316		9906-030 317	
						■ Osborn steel / 0.50 ■					
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
23	29	44	6	20000	12	9906-030 312					
30	29	44	6	20000	12	9906-030 318					
						■ Osborn INOX / 0.15* ■		■ Osborn INOX / 0.26* ■		■ Osborn INOX / 0.35* ■	
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	9906-030 326		9906-030 328		9906-030 329	
23	29	44	6	20000	12	9906-030 332		9906-030 334		9906-030 335	
30	29	44	6	20000	12	9906-030 338		9906-030 340		9906-030 341	

* Stainless steel variant degreased

Important:

RUFTUF end brushes are, with immediate effect, also available with "rose bud knots". Available with steel wire and stainless steel wire of different diameters.

Please speak to us: service@osborn.de



CLEANING TOOLS FOR HIGH-SPEED MACHINES

End brushes



End brushes, knotted wire

Superior ★★★★★

Knotted end brush, industrial quality, for use on high-speed machines

- Particularly suited for areas extremely difficult to access
- For pinpoint work

Applications: Removal of oxide layers and for deburring

Appearance can vary from picture depending on variant.



Ø	T	L	S	Max. RPM	PU	■ Steel / 0.25 ■		■ Steel / 0.35 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
10	26	72	6	15000	12	9803-630 151		9803-630 171			

Ø	T	L	S	Max. RPM	PU	■ INOX / 0.25 ■		■ INOX / 0.35 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
10	26	72	6	15000	12	9803-630 351		9803-630 371			



End brushes, crimped wire

Superior ★★★★★

Crimped end brush, industrial quality, for use on high-speed machines

- Extra long shape
- Can penetrate deep into bores to reach places difficult to access
- Flexible

Applications: Internal finishing, rust removal, paint stripping, deburring, rounding edges

Appearance can vary from picture depending on variant.



Ø	T	L	S	Max. RPM	PU	■ Steel / 0.20 ■		■ Steel / 0.30 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
10	20	100	6	9000	10	0003-509 149		0003-509 169			

Ø	T	L	S	Max. RPM	PU	■ INOX / 0.20 ■		■ INOX / 0.30 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
10	20	100	6	9000	10	0003-509 349		0003-509 369			

End brush, crimped wire

Superior ★★★★★☆



Appearance can vary from picture depending on variant.



Crimped end brush, industrial quality, for use on high-speed machines and power drills

- Flexible filament material, adjusts perfectly to the workpiece
- For pinpoint work in places difficult to access, such as boreholes
- The diameter of the brush changes with increasing work speed; the brush flares, meaning different bore diameters can be worked on

Applications: Rust removal, paint stripping, smoothing, edge rounding, deburring, internal finishing

						■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.50 ■	
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	40	6	20000	12	0003-509 141		0003-509 161		0003-509 191	
17	25	45	6	18000	12	0002-509 142		0002-509 162		0002-509 192	
25	25	50	6	18000	12	0002-509 143		0002-509 163		0002-509 193	
30	25	45	6	15000	12	0002-509 144		0002-509 164		0002-509 194	
						■ INOX / 0.20 ■		■ INOX / 0.30 ■		■ Brass / 0.30 ■	
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	40	6	20000	12	0003-509 341		0003-509 361		0003-509 561	
17	25	45	6	18000	12	0002-509 342		0002-509 362		0002-509 562	
25	25	50	6	18000	12	0002-509 343		0002-509 363		0002-509 563	
30	25	45	6	15000	12	0002-509 344		0002-509 364		0002-509 564	

End brushes, crimped wire

Superior ★★★★★☆



Appearance can vary from picture depending on variant.



Crimped end brush, industrial quality, for use on high-speed machines

- Flexible
- The special shape of the brush means frontal and radial processing is possible in one step

Applications: Minor cleaning work, removal of corrosion and coating

						■ Steel / 0.30 ■					
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	14	45	6	18000	5	0002-509 165					
70	20	45	6	15000	5	0002-509 167					



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