



Tools for Stationary Machines

Product Catalog

Osborn worldwide



Osborn offers the best solutions for your mechanical surface treatment challenges. Our experts are highly trained to serve you with the best off-the-shelf or customized tools, when and where you need them. Unlike others, we help you optimize your process, meet the highest quality and safety requirements and reduce your costs.

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General Information

For efficient and safe deployment, always select the maximum possible brush diameter that can be fitted on the drive unit.

Because the circumferential speed is defined by the brush diameter, as mentioned above under working speeds, the performance of a brush can also be changed with this factor.

The following table provides an overview:

Remember the following before fitting a brush:

- The speed of the drive shaft of your machine must not exceed the maximum safety speed of the brush.
- The length of the drive shaft must fit firmly in the chuck.
- Brushes with clamp shaft can easily be fitted into standard drill chucks or collet chucks.
- The connecting threads of brushes have spanner flats, guaranteeing easy fitting and removal.

RPM min-1	Brush diameters (in mm)											
	20	40	50	80	100	125	150	180	200	250	300	350
800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
1,150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
1,200	1.25	2.51	3.14	5.02	6.28	7.85	9.41	11.30	12.55	15.69	18.83	21.97
1,400	1.46	2.93	3.66	5.86	7.32	9.15	10.98	13.18	14.64	18.31	21.97	25.63
1,500	1.57	3.14	3.92	6.28	7.85	9.81	11.77	14.13	15.69	19.61	23.54	27.46
1,800	1.88	3.77	4.71	7.54	9.41	11.77	14.12	16.95	18.83	23.54	28.24	32.95
2,000	2.09	4.19	5.23	8.37	10.26	13.08	15.69	18.84	20.92	26.15	31.38	36.61
2,500	2.62	5.23	6.54	10.47	13.08	16.35	19.61	23.55	26.15	32.67	39.23	45.76
2,800	2.93	5.86	7.32	11.72	14.64	18.31	21.97	26.37	29.29	36.61	43.93	51.25
3,000	3.14	6.28	7.85	12.56	15.69	19.62	23.54	28.26	31.38	39.23	47.07	54.92
3,200	3.35	6.70	8.37	13.40	16.74	20.92	25.10	30.14	33.47	41.84	50.12	58.58
3,500	3.66	7.33	9.15	14.65	18.31	22.89	27.46	32.97	36.61	45.76	54.92	64.07
4,000	4.19	8.37	10.46	16.75	20.92	26.16	31.38	37.68	41.84	52.33	62.76	73.22
4,500	4.70	9.42	11.77	18.84	23.54	29.43	35.30	42.40	47.07	58.84	70.61	82.43
5,000	5.23	10.47	13.08	20.93	26.15	32.70	39.23	47.10	52.33	65.38	78.50	
5,400	5.65	11.30	14.12	22.94	28.24	35.31	42.36	50.67	56.48	70.61	84.78	
6,000	6.28	12.56	15.69	25.12	31.38	39.24	47.07	56.52	62.76	78.50		
7,000	7.33	14.66	18.31	29.31	36.61	45.78	54.92	65.94	73.22	91.58		
8,000	8.37	16.75	20.92	33.94	41.48	52.32	62.76	75.36	83.73			
9,000	9.42	18.84	23.54	37.68	47.07	58.86	70.61	84.78	94.20			
10,000	10.47	20.93	26.17	41.86	52.33	65.40	78.50	94.20				
12,500	13.08	26.17	32.71	52.33	65.42	81.75	98.13					
15,000	15.70	31.40	39.25	62.80								
17,500	18.32	36.63	45.79	73.26								
20,000	20.93	41.87	52.33	83.73								
22,500	23.55	47.10	58.88	94.20								
25,000	26.17	52.33	65.42	104.66								

Technical information & safety information for brushes



Working and clamping width of a brush

The working width defines the contact surface between brush and workpiece. To measure the working width, gently press together the trim area. The clamping width is measured between the cover plates. For products without cover plates, the clamping width corresponds to the body width.



Working and safety speeds

The maximum safety speed must be observed in line with workplace safety requirements. Information is in the product overview in this catalogue, on the packaging and on the brush itself (see picture). The working speed is defined by factors circumferential speed and brush diameter. The optimum working speed is generally far below the safety speed.



Brush diameter and trim length

The diameter of the brush (body of the brush) and the length of the respective trim are the determining factors for the working characteristics of the brush. Generally applicable:

- **Soft, flexible brushes,**
e.g. for working with textured workpieces and for gentle surface finishing.
- **More aggressive brushes,**
e.g. for deburring or removing dirt.



Optimal positioning of the brush in relation to the workpiece

One of the factors defining the contact pressure of a brush is its penetration depth at the workpiece. Never press a brush into the workpiece and only work with the tips of the filament. Excessive contact pressure lowers the brush performance and expedites wear. For manually operated machines, the recommendation is to only work with the weight of the machine. For an abrasive trim, a filament diameter of 3 times applies, e.g. 1.0 mm penetration depth for a filament diameter of 0.35 mm.

We will be glad to help out if you have questions.



Filament density of brushes

The filament density is determined by the number of filament tips per surface unit. High filament densities optimise cutting performance and useful lives (for deburring work for example). Lower filament densities increase the flexibility of the brushes and are the prerequisite for processing strongly profiled surfaces.

Fill Materials. Types and Usage.

For our tools, we only use filling materials developed in our house or selected specially. Regular quality tests in our R&D labs guarantee highest material quality at all times. Below you find pictures of all the facing materials used for the tools in this catalog. The table shows the properties of all fill materials used by Osborn.



Steel wire



Stainless steel wire



Osborn special steel wire



Cordwire



Brass-coated steel wire



Brass wire

Material	Property	Additional Properties	Benefits	Used on
Steel wire	straight or flat	Most common trim material for brushes	<ul style="list-style-type: none"> Dimensionally stable Diversity of applications 	Steel, cast iron, softwood, hardwood
	crimped			Steel, cast steel
	knotted			
Stainless steel wire	straight	Standard alloys: 1.4310 and 1.4401 (1.4571 on request)	<ul style="list-style-type: none"> Usage in particular where residues of steel wires would adversely affect the surface (such as rust spots) 	Stainless steel, non-ferrous metals, aluminium
	crimped			
	knotted			
Osborn special steel wire	straight		<ul style="list-style-type: none"> High-performance wire with high tensile strength Long service life For extreme brush applications 	Steel, cast iron, softwood, hardwood
	crimped			
	knotted			
XTREME wire (steel wire)	stranded		<ul style="list-style-type: none"> Extremely long life Combines the benefits of crimped and knotted wire 	Steel, cast iron, softwood, hardwood
Brass-coated steel wire	Mono wire	stranded	<ul style="list-style-type: none"> High tensile strength 	Steel, cast iron, softwood, hardwood
	Cordwire		<ul style="list-style-type: none"> Particularly well suited to texturing wood 	
Brass wire	crimped			Non-ferrous metals, softwood

General Information



Synthetic bristles

Abrasive bristle

Novofil®

Novoflex-B®

Material	Property	Additional Properties	Benefits	Used on
Synthetic bristles	straight		<ul style="list-style-type: none"> Abrasion-resistant Resistant to weak acids and bases Flexible 	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
Abrasive bristle	Aluminium oxide	Nylon threads with aluminium oxide; red trim material	<ul style="list-style-type: none"> High elasticity without risk of breakage Uniform abrasive effect 	Steel, cast iron, stainless steel, non-ferrous metals, aluminium, wood
	Silicone carbide	Nylon threads with silicone carbide; blue trim material.	<ul style="list-style-type: none"> High elasticity without risk of breakage Uniform abrasive effect 	
	Ceramic, sintered twice	Aluminium oxide sintered twice; available in different hardness grades, light grey trim material	<ul style="list-style-type: none"> Particularly hard and aggressive abrasive grit The abrasive grit released during brushing has a better breaking edge and makes possible faster, more efficient deburring Perfect results through uniform, homogeneous abrasive effect 	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
Novofil®	round	High temperature resistance; available with different hardness, grit and filament thicknesses; abrasive can be made of chromium oxide, silicone carbide, aluminium oxide, zirconium, diamond or nylon resistant to extreme heat.	<ul style="list-style-type: none"> High flexibility and trim density, prolonged life For working with workpieces particular high in contours 	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
	flat		<ul style="list-style-type: none"> Very high abrasive grit content, higher removal rate (approx. 50% lower processing time) Ideal for honing 	
Novoflex-B®	spherical	Trim material with aluminium oxide or silicone carbide; grit sizes from 60 to 400 possible	<ul style="list-style-type: none"> Abrasive balls on flexible design Tool is self-centring 	Steel, cast iron, stainless steel, non-ferrous metals, aluminium



Fibre

Horse hair

Material	Property	Additional Properties	Benefits	Used on
Fibre		Pure plant fibre	<ul style="list-style-type: none"> For wet and dry application Heat-resistant Also suitable for polishing in conjunction with polishing compound 	All materials
Horse hair		Pure horse hair	<ul style="list-style-type: none"> Excellent sealing properties 	

Stationary Machines

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Stationary Machines

Technical and General Information

General Information

Changing of the Standard Bore

For single-row as well as multi-row brushes, we provide brushes with standard bore "Min. B" if no other bore is specified. Alternative bores are provided in the following tables.

Standard Bores for Single-Row Brushes

We will be glad to change the standard bore dimension to suit your mounting. The relevant part number starts with 000200- and ends with the 4-digit code in the table. Brushes bored to bore 50.8 mm (2") can be reduced further with a 4-M adapter.

Brush Ø		Bore Ø														
mm		13		16	19	20			30		32	35	38	40	44	50.8
	inch		5/8		3/4		7/8	1		1 1/4						2
75	3	7413														
100	4	7413	7415	7416	7419	7420										
125	5	7413	7415	7416	7419	7420	7422	7425	7430	7431						
150	6	7413	7415	7416	7419	7420	7422	7425	7430	7431	7432	7435		7440	7444	
175	7	7413	7415	7416	7419	7420	7422	7425	7430	7431	7432	7435	7483			
200	8				7419	7420	7422	7425	7430	7431	7432	7435	7483			7450
250	10					7420	7422	7425	7430	7431	7432	7435		7440		7450
300	12							7425	7430	7431	7432	7435		7440		7450
350	14									7431	7432	7435		7440		7450

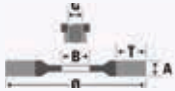
Standard Bores for Multi-Row Brushes

Multi-row brushes mounted via tube are reduced by pressing in our robust metal adapters (kept in stock). The adapters available for every tube diameter are in the following table. The relevant part number starts with 000200- and ends with the 4-digit code in the following table.

Tube Ø		Bore Ø														
mm		9.35	10	12.7	13	16	19	20	22.2	25.4	30	31.8	32	35	40	50.8
	inch	3/8		1/2		5/8	3/4		7/8	1		1 1/4				2
20		8109	8110	8112	8113	8116										
30		8109	8110	8112	8113	8116	8219	8220	8222	8225						
50.8	2			8112	8113	8116	8219	8220	8222	8225	8430	8431	8432	8435		
80						8116	8219	8220	8222	8225	8430	8431	8432	8435	8640	8642
100								8220	8222	8225	8430	8431	8432	8435	8640	8642
120										8225	8430	8431	8432	8435	8640	8642



Appearance can vary from picture depending on variant.



EUPBWB018 | SUPERIOR ★★☆☆☆

Wheel brushes, knotted wire

Knotted wheel brush, industrial quality, for mounting on stationary machines.

- Knots are guided and secured in position, thereby prevent early wire breaks
- Slightly open knotting

Application: Weld seam cleaning, deburring of cast iron and steel parts with high burr generation, removal of overruns on rubber-bonded- to-metal components, removal of insulation/coatings.

Please note: For other bore sizes, refer to table "Standard Bores for Single-Row Brushes"

0002-664 152 B min. and B max. = pipe diameter – for reducing the bore size, refer to the 1-A adapter

∅	A	T	B min.	B max.	RPM max.	DU	Steel 0.35	Steel 0.50	Steel 0.80
200	13	42	20	50.8	8500	1	● 0002-664 131	● 0002-664 151	● 0002-664 181
200	26	42	12.7	50.8	8500	1		● 0002-664 152	
250	15	42	25.4	50.8	4500	2	● 0002-676 131	● 0002-676 151	● 0002-676 181
300	18	55	25.4	50.8	3600	2	● 0002-686 131	● 0002-686 151	● 0002-686 181

Stationary Machines

Wheel Brushes



Appearance can vary from picture depending on variant.



EUPBWB019 | SUPERIOR ★★☆☆☆

Joint brushes, knotted wire

Knotted joint brush, industrial quality, for use on a cutting machine for road-construction.

- For speedy and efficient work
- Excellent cleaning of tight spaces that are difficult to access

Application: Removal of stones, gravel and other debris from (expansion) joints during road-construction.

Please note: For other bore sizes, refer to table "Standard Bores for Single-Row Brushes"



Joint brush used in road construction



before



after

∅	A	T	B	RPM max.	DU	Steel 0.50	Steel 0.80
300	4	65	20	4500	6	● 9802-026 560	
300	6	65	20	4500	6	● 9802-026 561	● 9802-026 581
300	8	65	20	4500	6	● 9802-026 562	● 9802-026 582
300	10	65	20	4500	6	● 9802-026 563	● 9802-026 583



Appearance can vary from picture depending on variant.



EUPBWB020 | SUPERIOR ★★★★★

Wheel brushes, crimped wire

Wheel brush with crimped wire, industrial quality, for mounting on stationary machines.

- Several brushes of the same kind can be mounted on one shaft to increase the working width
- TÜV-Süd certified (safety tested, production monitored)
- Very high flexibility
- Suitable for geometrically challenging parts

Application: Smoothing, deburring, edge rounding, texturing, rust removal and paint stripping of steel, cast steel and stainless steel.

Please note: For other bore sizes, refer to table "Standard Bores for Single-Row Brushes"

Ø	A	T	B min.	B max.	RPM max.	DU	Steel 0.20	Steel 0.30
75	11	15	13	13	10000	5		● 0002-511 161
100	13	23	13	20	8000	8	● 0002-522 141	● 0002-522 161
125	15	35	13	20	6000	5		● 0002-532 161
150	16	32	13	32	6000	4	● 0002-544 141	
150	16	32	13	32	6000	8		● 0002-544 161
178	18	45	13	32	6000	4	● 0002-554 141	
178	18	45	13	32	6000	8		● 0002-554 161
200	19	33	19	50.8	4500	1		● 0002-566 161
200	19	38	19	50.8	4500	2	● 0002-566 141	
250	22	35	20	50.8	3600	2	● 0002-576 141	● 0002-576 161
300	26	58	20	50.8	3000	1		● 0002-587 161

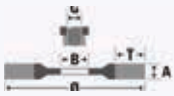
Ø	A	T	B min.	B max.	RPM max.	DU	INOX 0.20	INOX 0.30
100	13	23	13	20	8000	8	● 0002-522 341	● 0002-522 361
125	15	35	13	20	6000	5		● 0002-532 361
150	16	32	13	32	6000	2		● 0002-544 361
150	16	32	13	32	6000	3	● 0002-544 341	
178	18	45	13	32	6000	4	● 0002-554 341	● 0002-554 361
200	19	38	19	50.8	4500	2		● 0002-566 361
250	22	35	20	50.8	3600	2	● 0002-576 341	● 0002-576 361
300	26	58	20	50.8	3000	2	● 0002-587 341	

Stationary Machines

Wheel Bruhes



Appearance can vary from picture depending on variant.



EUPBWB021 | SUPERIOR ★★☆☆☆

Band saw brush

Band saw brush with nylon trim, industrial quality, for mounting on stationary machines.

- Long service life; efficient working
- Prolonged saw blade life
- The saw blade can work through the wood easier because there is no great generation of chips

Application: Cleaning the chip chambers of saw blades. When the brush presses against the moving saw blade, the brush is set into motion and the brush cleans the chip chambers of saw blades

ø	A	T	B	RPM max.	DU	Nylon 0.80
100	15	20	13	8000	10	● 0003-515 827



Appearance can vary from picture depending on variant.



EUPBWB022 | EVOLUTION ★★★★★

Wheel brushes, crimped Osborn wire

Crimped wheel brush, high-end quality, for mounting on stationary machines.

- Specially hardened Osborn wire for industrial applications
- Several brushes of the same kind can be mounted on one shaft
- Very high wire count / wire density
- Filled without gaps; Lower wear
- Homogeneous results

Application: Automated manufacturing processes for the deburring of machined and sawn cutting edges and surfaces.

Please note: For other bore sizes, refer to table "Standard Bores for Single-Row Brushes"



MONITOR® – Round bore



MATIC® – Keyway bore



MASTER® – Turtle bore

∅	A	T	B	B Type	Adapt.	RPM max.	DU	Steel 0.15	Steel 0.20
200	18	38	50.8	keyways	1A	4500	2	● 9906-021 183	● 9906-021 184
200	22	37	50.8	keyways	1A	4500	1	● 9906-022 081	● 9906-022 082
250	26	60	50.8	turtle	4M	3600	2		● 9906-013 008

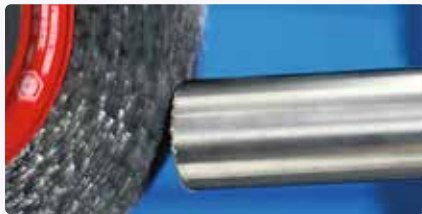
∅	A	T	B	B Type	Adapt.	RPM max.	DU	Steel 0.30	INOX 0.26
150	14	29	31.8	round	3A	6000	6		● 9906-021 059
200	22	37	50.8	keyways	1A	4500	2	● 9906-022 085	
250	26	60	50.8	turtle	4M	3600	2	● 9906-013 009	
300	28	60	50.8	turtle	4M	3000	2	● 9906-013 021	
380	32	72	50.8	turtle	4M	2400	1	● 9906-013 057	

Stationary Machines

Wheel Brushes



Appearance can vary from picture depending on variant.



EUPBWB023 | SUPERIOR ★★☆☆☆

Wheel brushes, crimped wire

Multi-row wheel brush with crimped wire, industrial quality, for mounting on stationary machines.

- Aggressive variant
- TÜV-Süd certified (safety tested, production monitored)
- Larger body, so more wire tips are simultaneously in use
- High wire density

Application: On a workbench grinder or table deburrer for rust/paint removal, cleaning, roughening or deburring.

Please note: For other bore sizes, refer to table "Standard Bores for Multi-Row Brushes"

Bore reduction pieces included

- Ø 75-125 mm: 20 mm | 1/2" and 5/8"
- Ø 150-200 mm: 31.75 | 13 | 15 | 16 | 19 | 20 mm | 7/8" and 1"

Ø	A	T	B max.	RPM max.	DU	Steel 0.20	Steel 0.30	Steel 0.50
75	19	16	20	10000	4		● 9902-511 162	
100	20	23	20	8000	5	● 9902-522 142	● 9902-522 162	
100	28	23	20	8000	5		● 9902-522 163	
125	22	30	20	6000	5	● 9902-532 142	● 9902-532 162	
125	30	30	20	6000	5		● 9902-532 163	
150	21	25	31.75	6000	3	● 9902-544 441	● 9902-544 461	● 9902-544 491
150	30	29	31.75	6000	3	● 9902-544 142	● 9902-544 162	
150	37	29	31.75	6000	3		● 9902-544 163	● 9902-544 193
178	23	38	31.75	6000	1	● 9902-554 441	● 9902-554 461	
178	32	38	31.75	6000	1	● 9902-554 142	● 9902-554 162	● 9902-554 192
178	38	38	31.75	6000	1		● 9902-554 163	
200	20	38	31.75	4500	1	● 9902-566 441	● 9902-566 461	● 9902-566 491
200	30	38	31.75	4500	1	● 9902-566 142	● 9902-566 162	● 9902-566 192
200	38	38	31.75	4500	1	● 9902-566 143	● 9902-566 163	● 9902-566 193
250	28	47	50.8	3600	1	● 9902-576 142	● 9902-576 162	● 9902-576 192
250	38	47	50.8	3600	1	● 9902-576 143	● 9902-576 163	● 9902-576 193
250	55	47	50.8	3600	1		● 9902-576 464	
300	32	50	50.8	3000	1	● 9902-587 142	● 9902-587 162	● 9902-587 192
300	44	50	50.8	3000	1	● 9902-587 143	● 9902-587 163	● 9902-587 193
300	46	50	101.6	3000	1		● 0002-587 162	

more on next page →

Wheel Bruhes

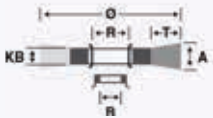
∅	A	T	B max.	RPM max.	DU	INOX 0.20	INOX 0.30
75	19	16	20	10000	4		● 9902-511 362
100	20	23	20	8000	4	● 9902-522 342	● 9902-522 362
100	28	23	20	8000	4		● 9902-522 363
125	22	30	20	6000	2	● 9902-532 342	● 9902-532 362
125	30	30	20	6000	2		● 9902-532 363
150	21	25	31.75	6000	2	● 9902-544 341	● 9902-544 361
150	30	29	31.75	6000	2	● 9902-544 342	● 9902-544 362
178	23	38	31.75	6000	1	● 9902-554 341	● 9902-554 361
178	32	38	31.75	6000	1		● 9902-554 362
200	20	38	31.75	4500	1	● 9902-566 341	● 9902-566 361
200	30	38	31.75	4500	1	● 9902-566 342	● 9902-566 362
200	38	38	31.75	4500	1		● 9902-566 363
250	28	47	50.8	3600	1	● 9902-576 342	● 9902-576 362
250	38	47	50.8	3600	1	● 9902-576 343	● 9902-576 363
300	32	50	50.8	3000	1	● 9902-587 342	● 9902-587 362
300	44	50	50.8	3000	1	● 9902-587 343	● 9902-587 363

Stationary Machines

Wheel Brushes



Appearance can vary from picture depending on variant.



EUPBWB024 | SUPERIOR ★★☆☆☆

Wheel brushes, crimped wire

Multi-row wheel brush with crimped wire, industrial quality, for mounting on stationary machines.

- Flexible variant due to extra long trim length
- TÜV-Süd certified (safety tested, production monitored)
- Adapts perfectly to the contours of the workpiece
- High wire density

Application: Fine surface finishing on geometrically challenging parts.

Please note: For other bore sizes, refer to table "Standard Bores for Multi-Row Brushes"

Bore reduction pieces included

- Ø 75-125 mm: 20 mm | 1/2" and 5/8"
- Ø 150-200 mm: 31.75 | 13 | 15 | 16 | 19 | 20 mm | 7/8" and 1"

Ø	A	T	B max.	R	RPM max.	DU	Steel 0.20	Steel 0.30	INOX 0.20
150	24	43	20	20	6000	3	● 9902-543 142	● 9902-543 162	
178	32	43	31.75	31.75	6000	1		● 9902-553 162	
200	33	55	31.75	31.75	4500	1	● 9902-565 142	● 9902-565 162	
200	42	55	31.75	31.75	4500	1		● 9902-565 163	
250	32	63	50.8	80	3600	1	● 9902-575 142	● 9902-575 162	● 9902-575 342
250	42	63	50.8	80	3600	1		● 9902-575 163	
300	33	70	50.8	100	3000	1	● 9902-586 142	● 9902-586 162	● 9902-586 342
300	45	70	50.8	100	3000	1		● 9902-586 163	● 9902-586 343

Ø	A	T	B max.	R	RPM max.	DU	INOX 0.30	Brass 0.20	Brass 0.30
150	24	43	20	20	6000	2	● 9902-543 362	● 9902-543 542	● 9902-543 562
150	32	43		20	6000	2		● 9902-543 543	
150	32	43	20	20	6000	2			● 9902-543 563
200	33	55	31.75	31.75	4500	1	● 9902-565 362	● 9902-565 542	● 9902-565 562

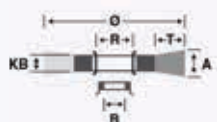


EUPBWB025 | SUPERIOR ★★☆☆☆

Wheel brushes for table-deburring machines, crimped wire

Wheel brush with crimped wire, industrial quality, for mounting on deburring machines.

Appearance can vary from picture depending on variant.



- Particularly dense and compact design with maximum number of wires for high deburring performance and excellent service life
- Statically balanced with high level of concentricity accuracy
- Adaptions with double keyways and regular holes for all common table deburrers
- Special adapters possible on request

Application: Cutting edge deburring of pipes, profiles and flat parts on table deburrer and automated machines.

ø	A	T	R	Adapt.	RPM max.	DU	Steel 0.20	Steel 0.30	Steel 0.35	Steel 0.50
250	55	35	100	AS-TE	3600	1			● 0042-576 175	
250	55	45	100	AS-TE	3600	1		● 0042-576 165		
250	65	45	100	AS-TE	3600	1	● 0002-576 145			● 0002-576 195
300	55	70	100	AS-TE	2800	1			● 0002-586 175	

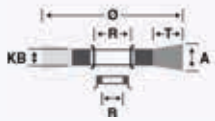
ø	A	T	R	Adapt.	RPM max.	DU	INOX 0.20	INOX 0.30	INOX 0.35	INOX 0.50
250	55	45	100	AS-TE	3500	1			● 0042-576 375	
250	55	45	100	AS-TE	3600	1	● 0002-576 345			
250	65	45	100	AS-TE	3600	1		● 0042-576 365		● 0002-576 395

Stationary Machines

Wheel Brushes



Appearance can vary from picture depending on variant.



EUPBWB026 | SUPERIOR ★★☆☆☆

Wheel brushes for table-deburring machines, abrasive filament

Wheel brush with abrasive trim, industrial quality, for mounting on deburring machines.

- Particularly dense and compact design with maximum number of bristles for high deburring performance and excellent service life
- Statically balanced with high level of concentricity accuracy
- Adaptions with double keyways and regular holes for all common table deburrers
- Special adapters possible on request

Application: Cutting edge deburring of pipes, profiles and flat parts on table deburrer and automated machines.

∅	A	T	R	Adapt.	RPM max.	DU	Silicon Carbide 80	Silicon Carbide 120	Silicon Carbide 180
250	65	45	100	AS-TE	3600	1	● 2102-576 916	● 0002-576 906	● 0002-576 916



Appearance can vary from picture depending on variant.



EUPBWB027 | EVOLUTION ★★★★★

UNI-Master® wheel brushes, abrasive filament

Wheel brush with abrasive trim, industrial quality, for mounting on deburring machines.

- Particularly dense and compact design with maximum number of abrasive bristles for high deburring performance and excellent service life
- Statically balanced with high concentricity accuracy
- For dry and wet application
- Resistant to weak acids and bases
- Fitted individually or combined on shaft

Application: Cutting edge deburring of pipes, profiles and flat parts made of non-ferrous metals on table deburrer and automated machines.

∅	A	T	B	B Type	Adapt.	RPM max.	DU	Silicon Carbide 80	Silicon Carbide 120
75	12	15	15.88	round	HP	20000	6	● 9906-015 001	● 9906-015 002
100	13	20	15.88	round	HP	12000	6		● 9906-015 026
100	16	20	15.88	round	HP	12000	6	● 9906-015 025	
125	16	30	15.88	round	HP	12000	6	● 9906-015 035	● 9906-015 036
150	17	32	22.2	round	HP	8000	6	● 9906-015 079	
150	17	32.5	22.2	round	HP	8000	6		● 9906-015 080
178	20	47	22.2	round	HP	8000	2	● 9906-015 040	● 9906-015 041
200	18	35	50.8	turtle	4M	6000	2	● 9906-015 050	● 9906-015 051
250	18	35	50.8	turtle	4M	3000	2	● 9906-015 056	● 9906-015 057
250	18	60	50.8	turtle	4M	3600	2	● 9946-015 056	● 9946-015 057
300	18	35	50.8	turtle	4M	2400	2	● 9906-015 062	● 9906-015 063
300	18	60	50.8	turtle	4M	3000	2		● 9966-015 063
350	19	55	50.8	turtle	4M	2400	2		● 9906-015 069

∅	A	T	B	B Type	Adapt.	RPM max.	DU	Silicon Carbide 180	Silicon Carbide 320
75	12	15	15.88	round	HP	20000	6	● 9906-015 003	
75	12	15	16	round	HP	20000	6		● 9906-015 004
100	13	20	15.88	round	HP	12000	6		● 9906-015 028
100	16	20	15.87	round	HP	12000	6	● 9906-015 027	
125	16	30	15.87	round	HP	12000	6		● 9906-015 038
125	16	30	15.88	round	HP	12000	6	● 9906-015 037	
150	17	32	22.2	round	HP	8000	6	● 9906-015 081	● 9906-015 082
178	20	47	22.2	round	HP	8000	2	● 9906-015 042	● 9906-015 043
200	18	35	50.8	turtle	4M	6000	2	● 9906-015 052	● 9906-015 053
250	18	35	50.8	turtle	4M	3000	2	● 9906-015 058	● 9906-015 059
250	18	60	50.8	turtle	4M	3600	2	● 9946-015 058	● 9946-015 059
250	18	60	50.8	turtle	4M	3000	2		● 9946-015 059
300	18	35	50.8	turtle	4M	2400	2	● 9906-015 064	● 9906-015 065
300	18	60	50.8	turtle	4M	3000	2	● 9966-015 064	● 9966-015 065
350	19	55	50.8	turtle	4M	2400	2	● 9906-015 070	● 9906-015 071

Stationary Machines

Wheel Bruhes



Appearance can vary from picture depending on variant.



EUPBWB028 | SUPERIOR ★★☆☆☆

Wheel brushes, abrasive filament

Wheel brush with abrasive bristles, industrial quality, for use on stationary machines.

- Cost-effective finishing of components with many contours in dry applications
- Suitable for defined edge rounding
- NHS trim material - Also suitable for use with coolants

Application: Finishing of surfaces and pipe/profile sections, particularly good for aluminium, non-ferrous metals and synthetics.

Please note: For other bore sizes, refer to table "Standard Bores for Single-Row Brushes"

9902-515 001 Suitable for use with coolants

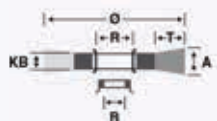
9902-515 025 Suitable for use with coolants

∅	A	T	B min.	B max.	B	RPM max.	DU	Silicon Carbide 80	Silicon Carbide 120
75	12	13	13	13	13	20000	6	● 9902-515 001	● 9902-515 002
100	18	18	13	20	13	12000	6	● 9902-515 025	● 9902-515 026
150	18	32	13	44	13	6000	6	● 9902-515 079	
150	18	32	13	44	13	8000	6		● 9902-515 080
178	18	45	13	32	13	8000	4	● 9902-515 040	● 9902-515 041
200	18	31	19	50.8	19	6000	2	● 9902-515 050	● 9902-515 051
250	18	60	20	50.8	20	3000	2	● 9962-515 056	● 9962-515 057
250	20	35	20	50.8	20	3600	2	● 9902-515 056	● 9902-515 057
300	20	35	20	50.8	20	2400	2	● 9902-515 062	● 9902-515 063
300	20	60	20	50.8	20	3000	2	● 9962-515 062	● 9962-515 063
350	20	57	32	50.8	32	2400	2		● 9902-515 069

∅	A	T	B min.	B max.	B	RPM max.	DU	Silicon Carbide 180	Silicon Carbide 320
75	12	13	13	13	13	20000	6	● 9902-515 003	● 9902-515 004
100	18	18	13	20	13	12000	6	● 9902-515 027	● 9902-515 028
150	18	32	13	32	13	6000	6		● 9902-515 082
150	18	32	13	44	13	6000	6	● 9902-515 081	
178	18	45	13	32	13	8000	4	● 9902-515 042	● 9902-515 043
200	18	31	19	50.8	19	6000	2	● 9902-515 052	● 9902-515 053
250	18	60	20	50.8	20	3000	2		● 9962-515 059
250	18	60	20	50.8	20	3600	2	● 9962-515 058	
250	20	35	20	50.8	20	3000	2	● 9902-515 058	
300	20	35	20	50.8	20	2400	2	● 9902-515 064	● 9902-515 065
300	20	60	20	50.8	20	3000	2	● 9962-515 064	● 9962-515 065



Appearance can vary from picture depending on variant.



EUPBWB031 | XTREME ★★★★★

Wheel brushes for table-deburring machines, Xtreme wire, crimped

Wheel brushes with crimped Xtreme wire in high-end quality for use on stationary machines.

- Particularly high wire density
- Aggressive design
- High deburring performance and outstanding tool life
- Adjustable immersion depth - adapts to the contours of complex components
- Fast and effective deburring of inner and outer edges of pipe ends in a single step

Application: For deburring the end faces of tubes, profiles and flat parts, edge deburring

∅	A	T	B	B Type	RPM max.	DU	Steel 0.30
250	60	53	50.8	keyways	3600	1	● 3902-576 175



Appearance can vary from picture depending on variant.



EUPBWB032 | XTREME ★★★★★

UNI-Master® Wheel brushes, Xtreme wire, crimped

Wheel brush with crimped Xtreme wire in high-end quality for use on stationary machines.

- Higher removal rate, aggressive removal of burrs
- High wire density and very flexible at the same time
- Can be mounted individually or assembled on a shaft
- Excellently suited for machining geometrically complex components as the brush adapts to the contour of the workpiece

Application: Automated production processes for deburring of machined and sawn cutting edges and surfaces

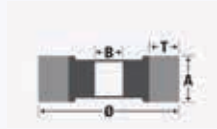
∅	A	T	B	Adapt.	RPM max.	DU	Steel 0.30
250	26	60	50.8	4M	3600	2	● 3906-013 009
300	28	60	50.8	4M	3000	2	● 3906-013 021
380	32	72	50.8	4M	2400	2	● 3906-013 057

Stationary Machines

Roller Brushes



Appearance can vary from picture depending on variant.



EUPBRB001 | SUPERIOR ★★★★★

Roller brushes for deburring machines, crimped wire

Roller brush with crimped wire, industrial quality, for use on deburring machines.

- Dense and uniform trim distribution ensures homogeneous finish results; speedy and efficient deburring
- Long service life; therefore reduced tool and unit costs

Application: Deburring, weld seam finishing, rust/paint removal

Please note: Other circular and roller brushes for all popular deburring machines are available on request.

ø	A	T	B	RPM max.	DU	Steel 0.35	INOX 0.30
300	460	60	120	3600	1	● 4602-743 178	
300	600	60	120	3600	1	● 8802-753 478	● 1302-753 368



Appearance can vary from picture depending on variant.



EUPBEB015 | SUPERIOR ★★★★★

End brushes for brush heads, crimped wire

End brushes with crimped wire, high-end quality, for use in a brush head.

- Long service life, so reduced tool costs
- For speedy and efficient working
- The eccentric and oscillating circular motion increases the working radius of the brush
- For all profile contours

Application: Deburring of the cutting edges of pipe ends and profiles, and surface deburring with eccentric and oscillating circular motion.

ø	T	L	DU	INOX 0.20	Steel 0.20
25	95	25	16	● 0002-509 348	● 0002-509 448

ø	T	L	DU	Steel 0.35	Steel 0.50
25	95	25	16	● 0002-509 478	● 0002-509 498



EUACAD006

Axis discs

Axis discs for table deburring machines.

Appearance can vary from picture depending on variant.

adapt. from	adapt. to	DU	Item Number
100.00	50.80	1	● 5495-560 051
100.00	52.90	1	● 5495-560 052
100.00	54.70	1	● 5495-560 054
100.00	80.20	1	● 5495-560 080
100.00	82.00	1	● 5495-560 082



EUACAD007

4-M adapters for tortoise-shape bores

4-M adapters for the bore reduction of narrow wheel brushes with 2" / 50.8 mm turtle-shape bore. Reusable.

Appearance can vary from picture depending on variant.

adapt. from	adapt. to	DU	Item Number
50.80	19.05	1	● 0003-075 066
50.80	22.20	1	● 0003-075 067
50.80	25.40	1	● 0003-075 068
50.80	28.00	1	● 0003-075 069

Stationary Machines

Accessories



EUACAD008

Reducing Ring "HP-Adapter"

Reducing Rings provide a reliable solution for precisely adapting standard bore sizes to smaller diameters.

Appearance can vary from picture depending on variant.

adapt. from	adapt. to	DU	Item Number
16.00	9.50	1	● 0003-000 222
16.00	12.70	1	● 0003-000 223
22.20	9.50	1	● 0003-000 242
22.20	12.70	1	● 0003-000 243
22.20	16.00	1	● 0003-000 244



Appearance can vary from picture depending on variant.

EUACAD004

Interchangeable metal adapters

1-A metal adapter interchangeable for reduction of arbor holes from bore 50,8 (2") to bore 12,7 (1/2"). Metal adapter 3-A for reducing the bore from 31,75 (1-1/4") to 13.

- Contains 1 pair = 2 pieces
- Reusable

Adapt.	adapt. from	adapt. to	DU	Item Number
1A	50.80	12.70	1	● 0103-075 021
1A	50.80	31.75	1	● 0103-075 027
1A	50.80	38.00	1	● 0103-075 028
3A	31.75	12.70	1	● 0103-075 048
3A	31.75	19.00	1	● 0103-075 050
3A	31.75	22.20	1	● 0103-075 051
1A	50.80	10.00	1	● 0103-075 210
1A	50.80	13.00	1	● 0103-075 213
1A	50.80	16.00	1	● 0103-075 216
1A	50.80	20.00	1	● 0103-075 220
1A	50.80	25.00	1	● 0103-075 225
1A	50.80	30.00	1	● 0103-075 230
1A	50.80	32.00	1	● 0103-075 232
1A	50.80	35.00	1	● 0103-075 235
1A	50.80	40.00	1	● 0103-075 240
3A	31.75	13.00	1	● 0103-075 313
3A	31.75	16.00	1	● 0103-075 316
3A	31.75	20.00	1	● 0103-075 320
3A	31.75	25.00	1	● 0103-075 325

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0002566361	0103075232	27	9902515053	22	9902554441	16
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Osborn GmbH
Ringstraße 10
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Phone: +49 (0)6451 588-0

Fax: +49 (0)6451 588-206

info@osborn.de

www.osborn.com

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