



Cleaning tools for angle grinders

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CLEANING TOOLS FOR ANGLE GRINDERS

General information

Brushes for angle grinders Important user information

Determining the maximum working speed

The maximum working speed of a brush is dependent on its diameter. The wider the diameter of a brush, the lower the maximum working speed. The maximum working speed has a relevance to safety. It must never be exceeded. This information is generally on the brush itself. If it is not, you will find below an aid for the most popular angle grinder sizes with their maximum speeds.

	Angle grinder size (in mm)	Ø 115 mm	Ø 125mm	Ø 150 mm	Ø 180 mm	Ø 230 mm
	Angle grinder size (in inches)	4 ½"	5"	6"	7"	9"
	Max. working speed	12,500 min ⁻¹	11,000 min ⁻¹	8,500 min ⁻¹	8,500 min ⁻¹	6,500 min ⁻¹

Which brush is used on which angle grinder?



Not every brush can be fitted to every angle grinder. There are safety specifications for this too. To get the best out of your device and brush, please use the angle grinder sizes specified here for the respective brush (refer to the table).

Important: You must on no account use a smaller angle grinder size than specified here. For our retail packs, the suitable angle grinder size is generally on the packaging itself, with symbol.


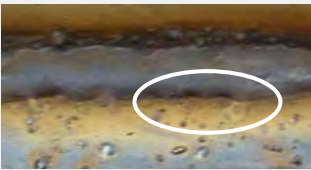

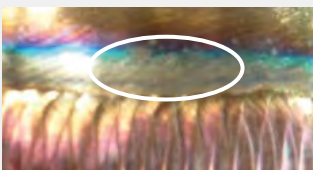
		Brush diameter in mm													
		60	65	75	80	90	100	115	120	125	130	140	150	178	230
Wheel brush	Knotted						115	115		125			150	180	230
	Crimped						115	115							
	Abrasive										150*	150*			
Bevel brush	Knotted						115	115		125					
	Crimped						115	115							
	Abrasive						115*	115/115*							
Cup brush	Knotted		115*	125	150		180		230						
	Crimped	115		125	150		150/180			230			230		
	Abrasive		115*				150*								

* variable speed grinder or cordless

Product advice for weld seam cleaning

MMA, TIG/MIG/MAG and plasma welding techniques leave different debris and inclusions on the surface of the weld seam. Slag, spatters, silicates and blue discolouring must be removed. If later a coating is applied to the welded part, faults/defects in the coating and corrosion can occur in the area of the inclusions.

Dronco and Osborn can offer you the right cleaning tool for every welding technique and type of seam treated (root and closure welds, fill layers). In the product range for this work, we have brushes as well as roughing, flap and polishing flap discs, and coarse cleaning fleeces.

MMA		TIG/MIG/MAG	PLASMA
			
Slag Residue formed when the electrodes wear.	Spatters Abrasive discs remove these residues.	Silicates They form when silicone, present in most steel alloys, is burnt during the welding process and turn to silicone dioxide.	Blue discolouration Oxide deposits, formed mainly when welding stainless steel.



Precise cleaning tools
for industrial distributors of Welding Equipment

Finding the correct tool
MMA, TIG/MIG/MAG or Plasma welding leave different types of contamination or debris in the weld seam. Slag, spatters, silicates or thermal bluing need to be removed. If the welded component is subsequently coated, defects or corrosion may occur on areas where contamination or non-metallic debris is embedded in the surface of the seam.
For each welding method and weld position (lap, fil or root) Osborn and Dronco offer the appropriate cleaning tool.



Find tool

Finding the right tool super quick

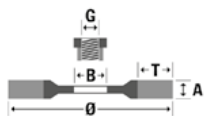
Simply go to our website, accessed using the QR code or link in the box on the left, and input your entries in the product configurator with just a few clicks. The relevant product with corresponding part number is displayed, from where you can start immediately with sending us a request for quotation.

CLEANING TOOLS FOR ANGLE GRINDERS

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted wire

Superior ★★★★★

Knotted wheel brush, industrial quality, for general use on all common angle grinders

- Aggressive and speedy cleaning; all wire tips are in use at the same time
- Long service life
- TÜV-Süd certified (safety tested, production monitored)

Applications: For roughing, deburring and simple rust removal work

Available in practical box packaging with Euro-standard hole.



								■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ Steel / 0.80 ■	
Ø	A	T	B	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	15	13			20000	12	0002-611 131		0002-611 151			
100	12	20	22,2		F	12500	8	0002-621 131		0002-621 151			
115	12	23	22,2		F	12500	10	0002-631 131		0002-631 151			
115	12	23		M14x2,0		12500	6	0402-631 131		0402-631 151			
115	6	19	22,2			12500	10	9502-626 301		9502-626 501			
125	13	28	22,2		F	12500	8	6152-631 131		2202-631 151			
125	13	28		M14x2,0		12500	8	1402-631 131		1402-631 151			
125	6	24	22,2			12500	8	9502-626 311		9502-626 251			
150	13	37	22,2		F	12000	5	0002-641 131		0002-641 151		0002-641 181	
178	13	42	22,2		F	10000	6	0002-653 131		0002-653 151		0002-653 181	
178	6	38	22,2			12000	12	4602-626 131					
230	6	57	22,2			6500	1			4306-026 904			
230	13	58	22,2		F	8500	1			9502-664 151			
								■ INOX / 0.35 ■		■ INOX / 0.50 ■			
Ø	A	T	B	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	12	20	22,2		F	12500	4			0002-621 351			
115	12	23	22,2		F	12500	4	0002-631 331		0002-631 351			
115	12	23		M14x2,0		12500	4			0402-631 351			
125	6	24	22,2			12000	3			9502-626 651			
125	13	28	22,2		F	12500	3	2202-631 331		2202-631 351			
125	13	28		M14x2,0		12500	3			1402-631 351			
150	13	37	22,2		F	12000	3			0002-641 351			
178	13	42	22,2		F	12000	3			0002-653 351			
178	13	42	22,2		F	10000		4612-626 331					

XLOCK

							■ Steel / 0,35 ■		■ Steel / 0,50 ■			
Ø	A	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
125	13	28	M14x2,0	X-LOCK	12500	8	6154-631 131					
125	13	28	M14x2,0	X-LOCK	12500	8			2204-631 151			
125	6	24	M14x2,0	X-LOCK	12500	8			9504-626 251			

XLOCK

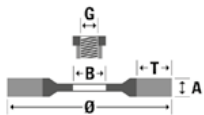
							■ INOX / 0,35 ■		■ INOX / 0,50 ■			
Ø	A	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
125	13	28	M14x2,0	X-LOCK	12500	8	2204-631 331					
125	13	28	M14x2,0	X-LOCK	12500	8			2204-631 351			

M14 Thread and X-LOCK Adapter
Combi Adapter - (Patent pending)

- The brushes can be used with X-LOCK angle grinders as well as with conventional angle grinders (M14 spindle mount).
- One tool compatible with two devices.



Appearance can vary from picture depending on variant.


Wheel brushes, knotted wire
Perfect ★★★★★

Knotted wheel brush, quality craftsman quality, for general use on all common angle grinders

- Speedy cleaning
- Satisfactory removal rate
- Suitable for many DIY projects

Applications: For simple deburring and cleaning work

Available in practical PET packaging with Euro-standard hole.



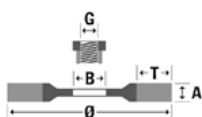
								■ Steel / 0.50 ■					
Ø	A	T	B	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	10	20	22.2			12500	10	2008-631 151					
125	12	27	22.2			12500	8	2118-631 151					

CLEANING TOOLS FOR ANGLE GRINDERS

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted wire

Superior ★★★★★

Knotted wheel brush with special left/right knotting, industrial quality, for simple fitting on all common angle grinders

Alternating left/right knotting ensures

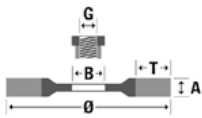
- low-vibration and quiet operation
- prolonged life and high removal rate
- “untwisting” of the knots during use is minimised
- reduced kick-back
- TÜV-Süd certified (safety tested, production monitored)

Applications: Deburring, cleaning of weld seams (slag, silicates, blue discolouring), removal of stubborn rust deposits

Ø	A	T	B	Max. RPM	PU	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
115	12	23	22.2	12500	10	1202-631 131		1202-631 151			
125	13	28	22.2	12500	8	1212-631 131		1212-631 151			
178	13	42	22.2	12500	6	1202-653 131		1202-653 151			



Appearance can vary from picture depending on variant.



Wheel brushes, knotted Osborn wire

Evolution ★★★★★

Knotted wheel brush, high-end quality, for simple fitting on all common angle grinders

- High-performance wire developed by Osborn
- Particularly cost-effective
- Long life, high tensile strength, high breaking strain and short set-up times
- Knotted wire ensures the brush is worn uniformly

Applications: Deburring, cleaning of weld seams (slag, silicates, blue discolouring), removal of stubborn rust deposits

								■ Osborn steel / 0.35 ■		■ Osborn steel / 0.50 ■			
Ø	A	T	B	G	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	13	17	1/2"		F	20000	12	9906-026 011					
100	13	22	5/8"		F	18000	12	9906-026 116		9906-026 117			
115	6	19	7/8"		F	12500	12			2906-026 501			
125	6	24	7/8"		F	12500	12			0002-626 251			
150	6	38	7/8"		F	12000	12			9906-026 501			
150	25	38	7/8"		F	12000	12	9906-026 247					
150	6	38		M14x2.0		12000	10			9906-026 500			
165	6	29	7/8"		F	10000	12			0002-626 061			
171	6	29	7/8"		F	12000	12			9706-026 904			
178	6	38	22.2		F	12000	12			9906-026 051			
								■ INOX Osborn / 0.50 ■					
Ø	A	T	B	G	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	6	19	7/8"		F	12500	12	0002-626 650					
125	6	24	7/8"		F	12500	12	0002-626 651					

Treatment of weld seams When do I use what?

Our practical welding matrix shows you the right tool for every application. Use the following link to order the welding matrix as a free poster.

<http://weldcleaning.osborn.com>

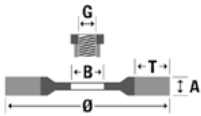


CLEANING TOOLS FOR ANGLE GRINDERS

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted Osborn wire, plastic-bonded

Evolution ★★★★★

Plastic-bonded, knotted wheel brush, high-end quality

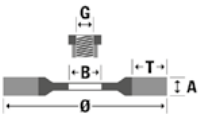
- Reduced wire breakage due to plastic bonding
- Very long service life
- More aggressive cleaning effect than conventional wheel brushes

Applications: Removal of slag and silicates, suitable for root welds and fill layers, recommended for hand-welded joints with high levels of dirt

Ø	A	T	B	Max. RPM	PU	■ Osborn steel / 0.35 ■		■ Steel / 0.35 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
115	6	19	22.2	12000	10			5402-921 873			
125	6	24	22.2	12000	1	9802-921 873					
178	6	38	22.2	8500	1	9802-921 875					



Appearance can vary from picture depending on variant.



Wheel brushes, crimped wire, plastic-bonded

Evolution ★★★★★

Plastic-bonded, crimped wheel brush, high-end quality

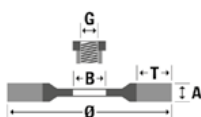
- Particularly narrow design for tight joints
- Precision working
- Reduced wire breakage due to plastic bonding
- Lower applied force, lower contact pressure

Applications: Removal of silicate and weld residues, recommended for root seams welded using TIG/MIG/MAG

Ø	A	T	B	G	Max. RPM	PU	■ Brass-coated steel / 0.38 ■		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
							Order no.	€ per pcs						
125	6	32.5		M14x2.0	12000	1	4102-921 051							
150	5	29	22.2		8500	12	0002-921 874							
178	5	41	22.2		8500	12	0002-921 875							
178	3	41	22.2		8000	1	7702-921 875							



Appearance can vary from picture depending on variant.



Wheel brushes, stranded, crimped wire

Superior ★★★★★

Wheel brush with Cordwire for angle grinders with M14 thread

- Brass-coated, stranded steel wire
- Effective woodworking, high friction on soft and hardwood
- TÜV-Süd certified (safety tested, production monitored)

Applications: Excellently suited to texturing wood. The natural grain of the wood is emphasized and an antique or rustic effect is created. The filaments of the brush ream the softer places of the wood more than the hard ones. So they expose the wood grain and leave a sort of relief surface (see the detailed picture).



See the following product for finishing

Available in practical box packaging with Euro-standard hole.

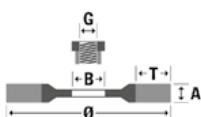


■ Cordwire / 0.27 ■

Ø	A	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	12	28	M14x2.0	12500	6	2812-522 051					



Appearance can vary from picture depending on variant.



Wheel brushes, abrasive filament

Superior ★★★★★

Wheel brush for woodworking, with abrasive filament

- Suited well to following exactly the material direction for texturing and finishing of wood profiles
- Varying surface patterns possible depending on grit selected
- The low weight of the plastic body ensures it is easy to guide and that work is effortless

Applications: Removal of lacquer and pickling, cleaning, texturing, finishing and intermediate lacquer sanding

■ Novofil / 46 ■

■ Novofil / 60 ■

■ Novofil / 80 ■

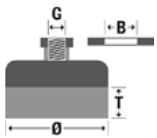
Ø	A	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
140	55	30	M14	4500	6	5421-401 913		5411-401 913		5401-401 913	

CLEANING TOOLS FOR ANGLE GRINDERS

Cup brushes



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

Superior ★★★★★

Knotted cup brush, industrial quality, for use on angle grinders

- General-purpose talent, Osborn bestseller
- Impressive cleaning effect
- Solution of choice for cleaning surfaces
- Long life, low set-up costs / short set-up times
- TÜV-Süd certified (safety tested, production monitored)

Applications: Rust removal, paint stripping, removing slag, silicate residuals and blue discolouring

Available in practical box packaging with Euro-standard hole.



Ø	T	B	G	RPM max.	PU	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
65	20	16		12500	10	1602-608 131		1602-608 151			
65	20		M10x1,25	12500	10	2352-608 131		2352-608 151			
65	20		M10x1,5	12500	10	0102-608 131		0102-608 151			
65	20		M14x2,0	12500	10	0002-608 131		0002-608 151			
65	30		M14x2,0	12500	10	3892-608 131 **					

** long trim

Ø	T	B	G	RPM max.	PU	■ INOX / 0,35 ■		■ INOX / 0,50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
65	20		M10x1,5	12500	6	0102-608 331		0102-608 351			
65	20		M14x2,0	12500	6	0002-608 331		0002-608 351			



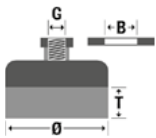
Ø	T	G	Adapt.	RPM max.	PU	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
65	20	M14x2,0	X-LOCK	12500	10	0004-608 131		0004-608 151			



Ø	T	G	Adapt.	RPM max.	PU	■ INOX / 0,35 ■		■ INOX / 0,50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
65	20	M14x2,0	X-LOCK	12500	10	0004-608 331		0004-608 351			



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

Superior ★★★★★

Knotted cup brush, industrial quality, for use on angle grinders

- Long life, low set-up costs / short set-up times
- Impressive cleaning effect
- Solution of choice for cleaning large surfaces
- Additional stabilisation of the filament by the support ring
- TÜV-Süd certified (safety tested, production monitored)

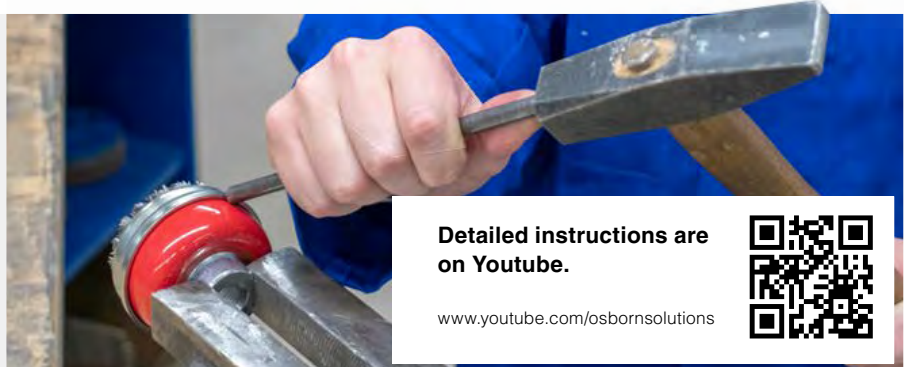
Applications: Rust removal, paint stripping, removing slag, silicate residuals and blue discolouring

Available in practical box packaging with Euro-standard hole.



Did you know?

The support ring is there to stabilise the filament material. After the free filament has worn down, the support ring can be removed, enabling to continue work with the filament material available.



Detailed instructions are on Youtube.

www.youtube.com/osbornsolutions



					■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ Steel / 0.80 ■	
Ø	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	20	M14x2.0	11000	10	9908-608 132		9908-608 152			
80	20	5/8"	8500	6	0802-608 133		0802-608 153			
80	20	M14x2.0	8500	6	0002-608 133		0002-608 153		0002-608 183	
100	20	M14x2.0	8500	3	0002-608 134		0002-608 154		0002-608 184	
100	20	5/8"	8500	3	0802-608 134		0802-608 154		0802-608 184	
120	20	M14x2.0	6500	4	0002-608 135		0002-608 155		0002-608 185	
120	20	5/8"	6500	4	0802-608 135		0802-608 155		0802-608 185	

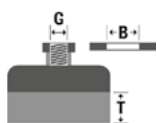
					■ INOX / 0.35 ■		■ INOX / 0.50 ■			
Ø	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs		
80	20	M14x2.0	8500	3	0002-608 333		0002-608 353			
100	20	M14x2.0	8500	3	0002-608 334		0002-608 354			

CLEANING TOOLS FOR ANGLE GRINDERS

Cup brushes



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

Evolution ★ ★ ★ ★ ★

Knotted cup brush, high-end quality, for use on angle grinders

- High-performance wire developed by Osborn
- Particularly cost-effective
- Long life, high tensile strength, high breaking strain and short set-up times
- Special feature: individual knot ends are slightly open, so that the wire tips are in use immediately and directly
- Higher removal rate, aggressive cleaning performance

Applications: Paint/rust removal, deburring, descaling, removal of slag, silicate residues and blue discolouration, cleaning of fill layers and surfaces in the oil and gas industries

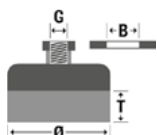
■ Osborn Steel / 0.50 ■

Ø	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
90	32	M14x2,0	7500	6	9906-033 125					
90	32	5/8"	7500	6	9906-033 126					
150	45	5/8"	6000	1	9906-033 030 *					
150	45	M14x2,0	6000	1	9906-033 031 *					

* Two rows



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

Perfect ★ ★ ★ ☆ ☆

Knotted cup brush, craftsman quality, for use on angle grinders

- Osborn bestseller in the DIY sector
- Good cleaning performance
- Best price/performance ratio
- Easy cleaning of larger areas

Applications: Paint/rust removal, removal of slag

Available in practical PET packaging with Euro-standard hole.



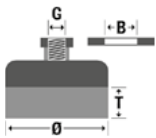
■ Steel / 0.35 ■

■ Steel / 0.50 ■

Ø	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	20	M14x2.0	12500	10	2008-608 131		2008-608 151			
75	27	M14x2.0	11000	10			2008-608 152			
80	22	M14x2.0	8500	10			2008-608 153			
100	22	M14x2.0	8500	5			2008-608 154			



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire

Superior ★★★★★

Crimped cup brush, industrial quality, for use on angle grinders

- Flexible filament material that adapts perfectly to the workpiece contour
- The optimum angle for the brush to operate at is already specified by the filament shape of the brush
- TÜV-Süd certified (safety tested, production monitored)

Applications: Cleaning, removal of paint, rust, slag, blue discolouration

Available in practical box packaging with Euro-standard hole.



						■ Steel / 0,20 ■		■ Steel / 0,30 ■		■ INOX / 0,30 ■	
Ø	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21		M10x1,5	12500	10			0102-613 161			
60	21		M14x2,0	12500	10	0002-613 141		0002-613 161			
60	21		M14x2,0	12500	4					0002-613 361	
75	23		M10x1,25	12500	10	5652-613 142		5652-613 162			
75	23		M10x1,5	12500	10	0102-613 142		0102-613 162			
75	23		M14x2,0	12500	10	0002-613 142		0002-613 162			
75	23		M14x2,0	12500	4					0002-613 362	
75	23		5,8"	12500	10	0802-613 142		0802-613 162			
						■ Brass wire / 0,30 ■					
Ø	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21		M10x1,25	12500	10	4912-613 561	*				
60	21		M14x2,0	12500	10	4902-613 561	*				
75	25		M14x2,0	12500	10	4902-613 562	*				

* TÜV certification planned.



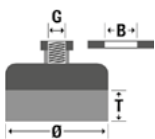
						■ Steel / 0,30 ■		■ INOX / 0,30 ■			
Ø	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21	M14x2,0	X-LOCK	12500	10	0004-613 161					
60	20	M14x2,0	X-LOCK	12500	4			0004-613 361			
75	23	M14x2,0	X-LOCK	12500	10	0004-613 162					
75	23	M14x2,0	X-LOCK	12500	4			0004-613 362			

CLEANING TOOLS FOR ANGLE GRINDERS

Cup brushes



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire

Superior ★★★★★

Crimped cup brush, industrial quality, for use on angle grinders

- Flexible filament material that adapts perfectly to the workpiece contour
- The optimum angle for the brush to operate is already specified by the filament shape of the brush
- TÜV-Süd certified (safety tested, production monitored)

Applications: Cleaning, removal of paint, rust, slag, blue discolouration

Available in practical box packaging with Euro-standard hole.



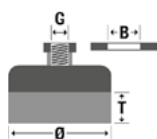
Ø	T	G	RPM max.	PU	■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.50 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	30	M14x2.0	8500	5	0002-613 143		0002-613 163			
80	25	M14x2.0	8500	5					0002-613 193	
100	30	M14x2.0	8500	3	0002-613 144				0002-613 194	
100	30	M14x2.0	8500	4			0002-613 164			
100	30	5/8"	8500	3	0802-613 144		0802-613 164		0802-613 194	
125	30	M14x2.0	6500	4			0002-613 165		0002-613 195	
125	30	5/8"	6500	4			0802-613 165			
150	40	M14x2.0	6500	3			0002-613 166		0002-613 196	
150	40	5/8"	6500	3			0802-613 166			

Ø	T	G	RPM max.	PU	■ INOX / 0.30 ■				■ Brass wire / 0.30 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	25	M14x2.0	8500	4	0002-613 363					
80	25	M14x2.0	8500	5					4902-613 563 *	
80	25	5/8"	8500	4	0802-613 363					
100	25	M14x2.0	8500	3	0002-613 364					
100	30	5/8"	8500	3	0802-613 364					
125	30	M14x2.0	6500	2	0002-613 365					

* TÜV certification planned.



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire

Perfect ★★☆☆☆

Crimped cup brush, craftsman quality, for use on angle grinders

- Osborn bestseller in the DIY sector
- Flexible filament material that adapts perfectly to the workpiece contour
- Good cleaning performance
- Best price/performance ratio

Applications: Paint stripping and rust removal from surfaces

Available in practical PET packaging with Euro-standard hole.



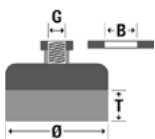
Ø	T	G	RPM max.	PU	■ Steel / 0.30 ■		■ Brass-coated steel / 0.3 ■		Order no.	€ per pcs
					Order no.	€ per pcs	Order no.	€ per pcs		
60	18	M14x2.0	12500	10	2008-613 161		2008-613 061			
75	25	M14x2.0	12500	10	2008-613 162		2008-613 062			
80	25	M14x2.0	8500	10	2008-613 163		2008-613 063			
100	25	M14x2.0	8500	5	2008-613 164		2008-613 064			
125	30	M14x2.0	6500	5	2008-613 165		2008-613 065			

CLEANING TOOLS FOR ANGLE GRINDERS

Cup brushes



Appearance can vary from picture depending on variant.



Longlife cup brushes, stranded crimped wire

Evolution ★★★★★

Crimped cup brush with stranded, special Longlife wire for use on angle grinders

- Four times longer service life than common, crimped cup brushes
- Highest removal rate in this segment
- Risks of wire breaks low to none
- Ergonomic, low contact pressure necessary
- Effective cleaning performance
- Creates a uniform, almost satin surface finish
- Combines the aggressive cleaning performance of knotted brushes with the flexibility of soft, crimped brushes
- TÜV-Süd certified (safety tested, production monitored)

Applications: Deburring, edge rounding, removal of rust, paint, scales, slag, silicate residues and blue discolouration

Available in practical box packaging with Euro-standard hole.



■ Steel / Longlife / 0.30 ■

Ø	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	20	M14x2.0	12500	10	3902-613 161					
75	25	M14x2.0	12500	10	3912-613 163					
80	25	M14x2.0	12500	5	3902-613 163					
100	22	M14x2.0	8500	4	3902-613 164					

LONGLIFE

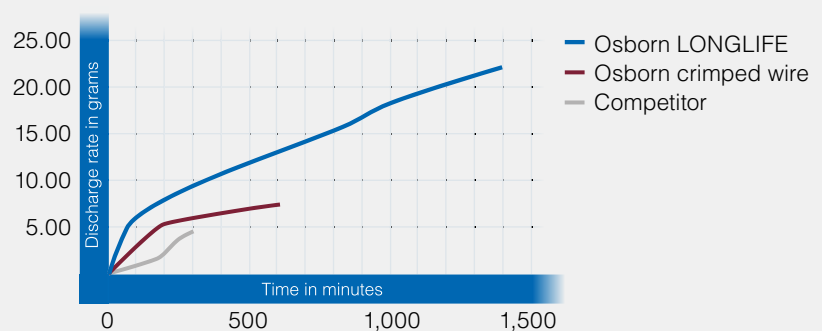
Test results of Osborn LONGLIFE compared to a competitor.



YouTube

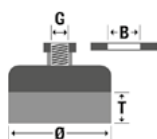
Removal rate

Test results of Osborn LONGLIFE compared to a competitor.





Appearance can vary from picture depending on variant.



Cup brushes, abrasive filament

Superior ★ ★ ★ ★ ☆

Cup brush with abrasive filament, industrial quality, for use on angle grinders

- Powerful high-tech material
- Pinpoint, controlled application on surfaces
- Very flexible filament material; If individual filaments lie flat during use, continue working with the edge nevertheless because the length of the filament material has end-to-end abrasive grit
- Different grits are available for selection: the higher the grit size, the finer the surface pattern

Applications: Paint removal, deburring and cleaning of metal and wooden surfaces

Ø	T	B	G	RPM max.	PU	■ Novofil / 80 ■		■ Novofil / 120 ■		■ Novofil / 180 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	25	22.2		8500	3					1802-607 914	
100	25		M14x2.0	8500	3	6402-608 914				1802-608 914	

Cordless is king

Brushes for cordless, battery-operated tools start on page 136

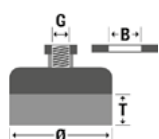


CLEANING TOOLS FOR ANGLE GRINDERS

Cup brushes



Appearance can vary from picture depending on variant.



Cup brushes, abrasive Filament

Superior ★★★★★

Punched disc brush with abrasive filament material for woodworking, for use on angle grinders with adjustable speed

- For use on large surfaces
- Varying surface pattern possible depending on grit selected
- The low weight of the plastic body ensures it is easy to guide and that work is effortless

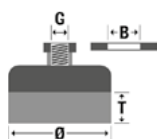
Applications: Particularly well suited for removing lacquer and stains, for cleaning, texturing, finishing and intermediate lacquer sanding



						■ Novofil / 46 ■		■ Novofil / 60 ■		■ Novofil / 80 ■	
Ø	A	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
130	70	50	M14x2.0	2500	4	9301-614 916		9311-614 916		9321-614 916	
						■ Novofil / 120 ■					
Ø	A	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
130	70	50	M14x2.0	2500	4	9331-614 916					



Appearance can vary from picture depending on variant.



Cup brushes, abrasive filament

Superior ★★★★★

Cup brush with abrasive filament material, industrial quality, for use on angle grinders

- Long service life
- Low set-up costs / short set-up times
- For effortless and efficient working

Applications: Very well suited to treating vertical surfaces and walls made of assembled flat or round wood elements

- **Grit 46** For creating a depth texture in the wood
- **Grit 60** For removing minor to medium levels of dirt, and uniform texturing of the wood
- **Grit 80** Preparation before finishing, evens out minor surface irregularities
- **Grit 120** Creation of the final finish on the wood surface

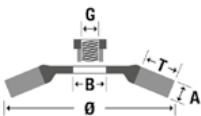
Ø	T	G	RPM max.	PU	■ Novofil / 46 ■		■ Novofil / 60 ■		■ Novofil / 80 ■		■ Novofil / 120 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	25	M14x2.0	8500	2	7902-613 196		7922-613 196		7932-613 196		7942-613 196	

CLEANING TOOLS FOR ANGLE GRINDERS

Bevel brushes



Appearance can vary from picture depending on variant.



Bevel brushes, knotted wire

Superior ★★★★★

Knotted bevel brush, industrial quality, for use on angle grinders

- Aggressive cleaning performance
- Long service life
- Combines the best properties of a cup brush with those of a wheel brush
- Workpieces with large areas and difficult to access places can be treated perfectly
- TÜV-Süd certified (safety tested, production monitored)

Applications: Deburring, removal of rust, paint, slag, silicates and blue discolouration on complex workpieces

Available in practical box packaging with Euro-standard hole.



							18 knots Steel / 0.35		18 knots Steel / 0.50			
Ø	A	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M10x1,25	12500	10			2352-622 151			
100	13	22		M10x1,5	12500	10	0102-622 131		0102-622 151			
100	13	22		M14x2,0	12500	10	0002-622 131		0002-622 151			
115	15	20		M14x2,0	12500	10	0002-632 131		0002-632 151			
115	15	20		5/8 Zoll	12500	10	0802-632 131		0802-632 151			
125	15	23		M14x2,0	12500	10	3602-632 131		2902-632 151			

							22 knots Steel / 0.35		22 knots Steel / 0.50			
Ø	A	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M14x2,0	12500	10	0002-623 131		0002-623 151			

							18 knots INOX / 0.35		18 knots INOX / 0.50		INOX 0.50 / 1.4401	
Ø	A	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M10x1,5	12500	5	0102-622 331		0102-622 351			
100	13	22		M14x2,0	12500	5	0002-622 331		0002-622 351		0442-622 351 *	
115	15	20		M14x2,0	12500	5	0002-632 331		0002-632 351			
125	15	23		M14x2,0	12500	10	3602-632 331		3602-632 351			

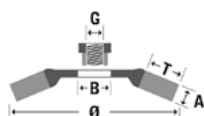
* TÜV certification planned.



							18 knots Steel / 0.35		18 knots Steel / 0.50			
Ø	A	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22	M10x1,5	X-LOCK	12500	10	0004-622 131					
100	13	22	M10x1,5	X-LOCK	12500	10			0004-622 151			



Appearance can vary from picture depending on variant.



Bevel brushes, knotted wire

Perfect ★ ★ ★ ☆ ☆

Knotted bevel brush, craftsman quality, for use on angle grinders

- Good cleaning performance and service life
- Best price/performance ratio
- Processing of large surfaces and hard to reach areas

Applications: Rust removal, paint stripping, deburring

Available in practical PET packaging with Euro-standard hole.



■ Steel / 0.50 ■

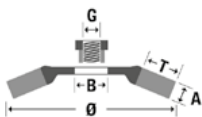
Ø	A	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M14x2.0	12500	8	2008-622 151					

CLEANING TOOLS FOR ANGLE GRINDERS

Bevel brushes



Appearance can vary from picture depending on variant.



Bevel brushes, crimped wire

Superior ★★★★★

Crimped bevel brush, industrial quality, for use on angle grinders

- Flexible filament material, adjusts perfectly to the workpiece
- The longer the filament material, the more flexible the brush
- Combines the best properties of a cup brush with those of a wheel brush
- Processing of large surfaces and hard to reach areas
- Depending on the workpiece geometry, the brush is available in different working widths guaranteeing pinpoint deployment
- TÜV-Süd certified (safety tested, production monitored)

Applications: Rust removal, paint stripping, deburring, silicates

Ø	A	T	G	RPM max.	PU	■ Steel / 0.30 ■		■ Brass-coated steel / 0.30 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
100	20	20	M10x1.5	12500	10	0102-512 162					
100	10	20	M10x1.5	12500	10	0102-512 161					
100	20	20	M14x2.0	12500	10	0002-512 162		0002-512 062			
100	10	20	M14x2.0	12500	10	0002-512 161		0002-512 061			
125	10	25	M14x2.0	12500	10	0002-514 161					

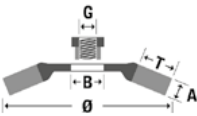
Ø	A	T	G	RPM max.	PU	■ INOX / 0.20 ■		■ INOX / 0.30 ■		■ INOX / 0.30 / 1.4401 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	20	20	M10x1.25	12500	5	2352-512 342		2352-512 362			
100	20	20	M10x1.5	12500	5	0102-512 342		0102-512 362			
100	20	20	M14x2.0	12500	5	0002-512 342		0002-512 362			
100	10	20	M14x2.0	12500	5			0002-512 361			
125	10	25	M14x2.0	12500	5			0002-514 361		0442-514 361	



Ø	A	T	G	Adapt.	RPM max.	PU	■ Steel / 0.30 ■		■ INOX / 0.30 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
100	10	20	M10x1,5	X-LOCK	12500	10	0004-512 161					
100	13	22	M10x1,5	X-LOCK	12500	5			0004-512 361			



Appearance can vary from picture depending on variant.



Bevel brushes, crimped wire

Perfect ★★☆☆☆

Crimped bevel brush, craftsman quality, for use on angle grinders

- Ideal for processing areas and surfaces difficult to access
- Suitable for easy to semi-difficult cleaning work
- Best price/performance ratio

Applications: Edge rounding, paint/rust removal

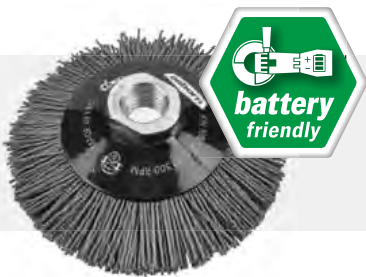
Available in practical PET packaging with Euro-standard hole.



Ø	A	T	B	G	RPM max.	PU	■ Brass-coated steel / 0.30 ■		■ Steel / 0.30 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
100	10	20		M14x2.0	12500	10	2008-512 061		2008-512 161			

Cordless is king

Brushes for cordless, battery-operated tools start on page 136



Efficient solutions for surface processing



Polishing flap discs deliver outstanding results for the processing of stainless steel, steel, aluminium and non-ferrous metals thanks to an innovative, highly effective grinding fleece arranged in a fan-shaped lamella structure.

- **Highly effective for welding technology and metal processing applications**

Delivers optimal results, for example when preparing welding seams, reworking welding seams and removing weld spatter in accordance with EN ISO 5817. Removes oxide films and thermal discolouration after the welding of pipelines, containers and apparatuses or after the plasma cutting of stainless steel sheets in accordance with DIN 50930, DIN 25410 and DVGW W541.

- **Highly effective for painting technology applications**

Ideal for derusting, paint stripping and preparing surfaces for painting.

- **Extremely versatile**

For cleaning and polishing unalloyed steel, high alloy steel, aluminium and non-ferrous metals. Suitable for edge and surface grinding.



Sanding fine welding seams and removing thermal discolouration



Quick, professional derusting and descaling



Surfaces descaled prior to welding result in clean welding seams (see image at left)



Polimaxx 1 – coarse

Superior ★★★★★☆

Fleece flap disc with coarse fleece texture (slight machining effect) for descaling and derusting workpieces, preparing welding seams, smoothing welding seam flaking, sanding very fine welding seams, removing weld spatters.

Applications: Universally applicable for stainless steel, steel, aluminium and non-ferrous metals.



Polimaxx 2 – medium

Superior ★★★★★☆

Fleece flap disc with medium fleece texture (no machining effect) for descaling and derusting workpieces, removing paints and varnishes, preparing surfaces for painting, matting of V2A welding seams or surfaces. Removing oxide films and thermal discolouration.

Applications: Universally applicable for stainless steel, steel, aluminium and non-ferrous metals.



Polimaxx 3 – fine

Superior ★★★★★☆

Fleece flap disc with fine fleece texture (no machining effect) for preparing and re-polishing welding seams, sanding fine welding seams, matting of surfaces, removing oxide films, thermal discolouration or thin layers of varnish on metals, polishing stainless steel.







Applications: Universally applicable for stainless steel, steel, aluminium and non-ferrous metals.

Polimaxx 4 – For the gloss polishing flapped disc for the angle grinder, refer to page 215



Also available as a kit in a practical assortment box for ideal presentation at the POS. See page 134



Ø in mm	Ø in inches	RPM	Texture	PU	Form	Order no.	€ per pcs	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	1 coarse	10		5541 204 100		562101
115 x 22.23	4 1/2 x 7/8	13280	2 medium	10		5541 206 100		562118
115 x 22.23	4 1/2 x 7/8	13280	3 fine	10		5541 207 100		562125
125 x 22.23	5 x 7/8	12200	1 coarse	10		5542 204 100		562200
125 x 22.23	5 x 7/8	12200	2 medium	10		5542 206 100		562217
125 x 22.23	5 x 7/8	12200	3 fine	10		5542 207 100		562231

CLEANING TOOLS FOR ANGLE GRINDERS

Polishing wheels



Polispeed

Superior ★ ★ ★ ★ ☆

Polishing wheel with upright lamellas made of highly effective polishing fleece on reinforced plastic backing, 14 mm polishing layer thickness.

- The flexible fleece adapts to the workpiece perfectly
- Flexible application in corners, angles, U-shaped profiles, rounded edges or on flat surfaces
- Quick and easy derusting, cleaning and bright polishing of metals
- Cleaning, smoothing and polishing of welding seams in corners, edges and fillet welds
- Removing thermal discolouration, oxide layers or thin layers of varnish on metals





Applications: Universally applicable for stainless steel, steel, aluminium and non-ferrous metals.

Polispeed – the all-rounder for corners and edges

The multifunctional Polispeed polishing wheel can be used for processing corners, angles, rounded edges and flat surfaces.

It unites the outstanding strengths of the Polimaxx fleece flap disc and also offers effective cleaning for even difficult-to-reach spots as well as fine finish polishing.



Ø in mm	Ø in inches	RPM	Texture	PU	Form	Order no.	€ per pcs	EAN 4081600
15 x 22.23	4 1/2 x 7/8	13280	medium	10		5541 306 100		563306
115 x 22.23	4 1/2 x 7/8	13280	fine	10		5541 307 100		563313
125 x 22.23	5 x 7/8	12200	medium	10		5542 306 100		563405
125 x 22.23	5 x 7/8	12200	fine	10		5542 307 100		563412



Coarse cleaning fleece for angle grinders

superior ★★★★★

Coarse cleaning fleece on glass fibre backing.
Suitable for cleaning and polishing all surfaces.

- Removes old paint, rust and weld spots without scratching the surface of the workpiece
- Cleaning and smoothing wood and plastic
- Polishing of stainless steel
- Removal of thermal bluing

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

Please note: Coarse cleaning fleeces are not suitable for edge finishing. They remove foreign matter and are non-stock removing.

Cleaning fleeces attain the best results in sanding and cleaning metals, stainless steel, wood and plastic, and can be used as a preliminary stage before polishing. They are made of intertwined nylon fibres which are immersed in synthetic resin and gently hardened. They are available with a glass fibre backing or for the use with straight or cylindrical grinders.

Ø in mm	Ø in inches	RPM	PU	Form	Order no.	€ per pcs	EAN 4081600
115 x 22.23	4 1/2 x 7/8	11000	10		6700 001 100		670059
125 x 22.23	5 x 7/8	10000	10		6700 002 100		670103
180 x 22.23	7 x 7/8	8500	10		6700 003 100		670158

CLEANING TOOLS FOR ANGLE GRINDERS

Kits



Automotive kit

Kit of 15 professional tools for the day-to-day tasks in car workshops

Contains:

- 1 x knotted wheel brush, Ø 115 mm for angle grinders
- 1 x knotted wheel brush, Ø 75 mm for power drills
- 1 x coarse cleaning fleece, Ø 125 mm for angle grinders
- 1 x clamp shaft, 6mm
- 1 x 1 mm cutting disc, Ø 125 mm for angle grinders
- 1 x 0.8 mm cutting disc, Ø 125 mm for angle grinders

Applications: Removal of rust, paint, protective undercoating, sealants, cleaning of weld seams, removal of slag, cutting of car body sheets

	PU	Order no.	RRP (€)
	1	7302-600 001	




Coarse cleaning fleece kit in display box

The coarse cleaning fleece in an attractive, self-explanatory display box
For specialist retailers to place either on the shelf or on the counter.

Mixed content:

- 18 pcs, diameter 115 mm
- 18 pcs, diameter 125 mm

Name	Ø in mm	Ø in inches	PU	Form	Order no.	€ per pcs	EAN 4081600
Promotional box	115 / 125 mm	4 1/2 / 5	1		6700 012 100		






Polimaxx kit in display box

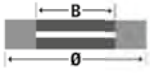
Innovative polishing flap discs in an attractive, self-explanatory display box
For specialist retailers to place either on the shelf or on the counter.

- Contains 54 pcs (6 x 9 POLIMAXX 1 - 3), diameter 115 mm or 125 mm.

Or as a mixed box with:

- 3 x 9 pcs, diameter 115 mm (POLIMAXX 1 - 3) and
- 3 x 9 pcs, diameter 125 mm (POLIMAXX 1 - 3)

Ø in mm	Ø in inches	RPM	Texture	PU	Form	Order no.	€ per pcs	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	Mixed	1		6900 056 100		700848
125 x 22.23	5 x 7/8	12200	Mixed	1		6900 057 100		700855
115 + 125 x 22.23	4 1/2 + 5 x 7/8	13280/12200	Mixed	1		6900 055 100		700008



F-adapter

For reducing bores.

Inside Ø	Outside Ø	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
3/8"	5/8"	1	0003-000 222					
1/2"	5/8"	1	0003-000 223					
3/8"	7/8"	1	0003-000 242					
7/8"	1 1/2"	1	0003-000 243					
7/8"	5/8"	1	0003-000 244					



M10 adapter, thread adapter

Thread reduction from M14 to M10 x 1.5, galvanised

Inside Ø	Outside Ø	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
M10 x 1.5	M14	1	5725-314 010					

CLEANING TOOLS FOR ANGLE GRINDERS

Brushes for cordless tools



Cordless is king

More power, longer battery life and all cordless. This sums up the new generation of battery-operated tools that make working simple where there are still no sockets. Battery life and actual performance have experienced a quantum leap over the last year. This makes them interesting to more and more users. The devices working without electricity have since become indispensable. Battery life and actual performance, for sanitary/plumbing and for caretakers, but also for fire fighters, road service and other mobile assistance services.

Important:

Please note that our cordless power tool accessories are also suitable for variable-speed angle grinders.



Why special tools?

Cordless power tools are commonly used by mobile services, where the full range of accessories is not available. Users therefore need universal tools which can tackle a variety of tasks on different materials.

In this way the amount of accessories to be carried along on a construction site can be reduced when working on steel, stainless steel and wood.

Commonly cordless angle grinders run with a 30 % reduced working speed compared to usual angle grinders. Having specifically developed accessories for common cordless power tools means that the perfect result of brushes, grinding or cutting discs can be reached with a speed of 7,000 to 8,000 RPM.

Osborn Brushes are lighter and therefore prolong the battery life between recharges by 20-25 %.

Benefits

- Low weight
- Precision working
- Multifunctional
- Ease of use
- Reduced imbalance and vibration
- Longer battery life (by 20 to 25 %)
- Fewer charging cycles
- Universal usage on all materials

We make it easy for you!

OSBORN has developed accessories which are flexible in use, light weight, easy to handle and assure highest precision.

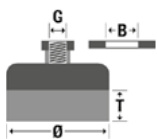
The end result will meet all your expectations and fulfill all aspects of work safety. This is the only way to work effectively and get the best out of your cordless power tool.

Good to know

Refer to the respective sections for the grinding and polishing products that are suitable for use on battery-operated angle grinders.



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire

Superior ★★★★★

Crimped cup brush, industrial quality, for use on cordless angle grinders and variable-speed angle grinders

- Low weight
- Multifunctional
- TÜV-Süd certified
- Extended battery life
- reduced imbalance and vibration

Applications: Cleaning, satin finishing, smoothing and texturing of different materials

Available in practical PET packaging with Euro-standard hole.

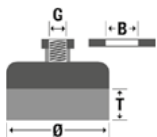


■ Brass / 0.30 ■

Ø	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21	M14x2.0	12500	5	6912-613 561					



Appearance can vary from picture depending on variant.



Cup brushes, Abrasive Filament

Superior ★★★★★

Cup brush with Abrasive Filament material, industrial quality, for use on cordless angle grinders and variable-speed angle grinders

- Weight-optimised
- Extended battery life
- TÜV-Süd certified
- reduced imbalance and vibration
- Flexible
- Very flexible filament material; If individual filaments lie flat during use, continue working with the edge nevertheless because the length of the filament material has end-to-end abrasive grit

Applications: Cleaning, satin finishing, smoothing and texturing of different materials

Available in practical PET packaging with Euro-standard hole.



■ Abr. bristle / grit 46 ■

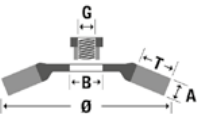
Ø	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21	M14x2.0	12500	5	6912-613 891					

CLEANING TOOLS FOR ANGLE GRINDERS

Brushes for cordless tools



Appearance can vary from picture depending on variant.



Bevel brushes, Abrasive Filament

Superior ★★★★★

Bevel brush with Abrasive Filament material, industrial quality, for use on cordless angle grinders and variable-speed angle grinders

- Weight-optimised
- TÜV-Süd certified
- Flexible
- This means workpieces with large areas and difficult to access places can be treated perfectly
- Extended battery life
- Reduced imbalance and vibration

Applications: Weld seam finishing for TIG/MIG/MAG, paint removal, cleaning, satinising, texturing, deburring

Available in practical PET packaging with Euro-standard hole.



■ Abr. bristle / grit 46 ■

Ø	A	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	10	20	M14x2.0	12500	5	6912-622 891					



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