osborn®



PRODUCT CATALOG
2020/21

We Sell Solutions

The Global Leader in Surface Treatment Solutions and Finishing Tools

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General

The tools shown in this catalogue, and the information on delivery scopes, appearances, performances and dimensions, correspond to information available at the time of print. We are enhancing our products continually. We reserve the right to make changes to products and prices.

In the event prices are printed in the catalogue, all previous price lists are rendered void on publication of this catalogue. All prices are recommended retail prices in Euro per piece. VAT, packaging, transport/postal charges and insurance are extra. Our general terms and conditions apply for all orders.

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Industrial

Strip brushes

Diamond

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.

Tools for surface finishing

Our expertise lies in the production of tools for mechanical surface finishing. Wherever the task at hand is roughing, cutting, deburring, rust removal, paint stripping, dust removal, brushing, cleaning or polishing, customers in the industry, wholesale or trade are using our tools. The majority are used in the metalworking industry, but wooden, stone and synthetic surfaces can also be treated.

Our core products are technical brushes, polishing tools, liquid and solid polishing compounds, and cutting, grinding and sanding discs. In addition to the classic cleaning of surfaces, technical brushes in particular can be used for sealing and insulation, and so make an important contribution towards energy savings in production processes and at manufacturing facilities.

Dronco GmbH, a leading manufacturer of abrasives, has been part of Osborn since 2015. In addition to cutting, grinding and sanding discs, the portfolio also includes diamond tools, ceramic abrasives and abrasive paper. A highly modern production facility in Wunsiedel guarantees competitive production to the highest quality and safety standards. We are members of oSa e.V. (organisation for the safety of grinding tools).

We supply to customers in over 120 countries, have production facilities and sales organisations in 13 countries, and employ a workforce of around 2,000 worldwide. Three of our plants are in Germany, including the European head office in Burgwald.

In addition to the production of technical brushes and large roller brushes for the steel industry, the focus lies mainly in developing innovative products and opening up new markets. In Burgwald is one of the two high-tech company labs, where the quality and reliability of our own products are monitored by an industrial robot cell.

Our industrial customers also benefit from a comprehensive service for the treatment/finishing of sample parts. Our application engineers, together with our customers, determine the best possible tool for the respective finishing process, thereby increasing quality and lowering process costs, so they always arrive at the finish line quickly and in line with our motto “Finish. First”.



Experienced

We have more than 135 years experience in the production and development of tools for mechanical surface finishing. We supply our products to industry, specialist retailers and skilled craftsmen. With in excess of 100,000 custom-made tools and over 10,000 standard products, we can in fact always offer you a suitable tool for your application. And if we cannot, our application engineers will develop the right solution together with you.



Innovative

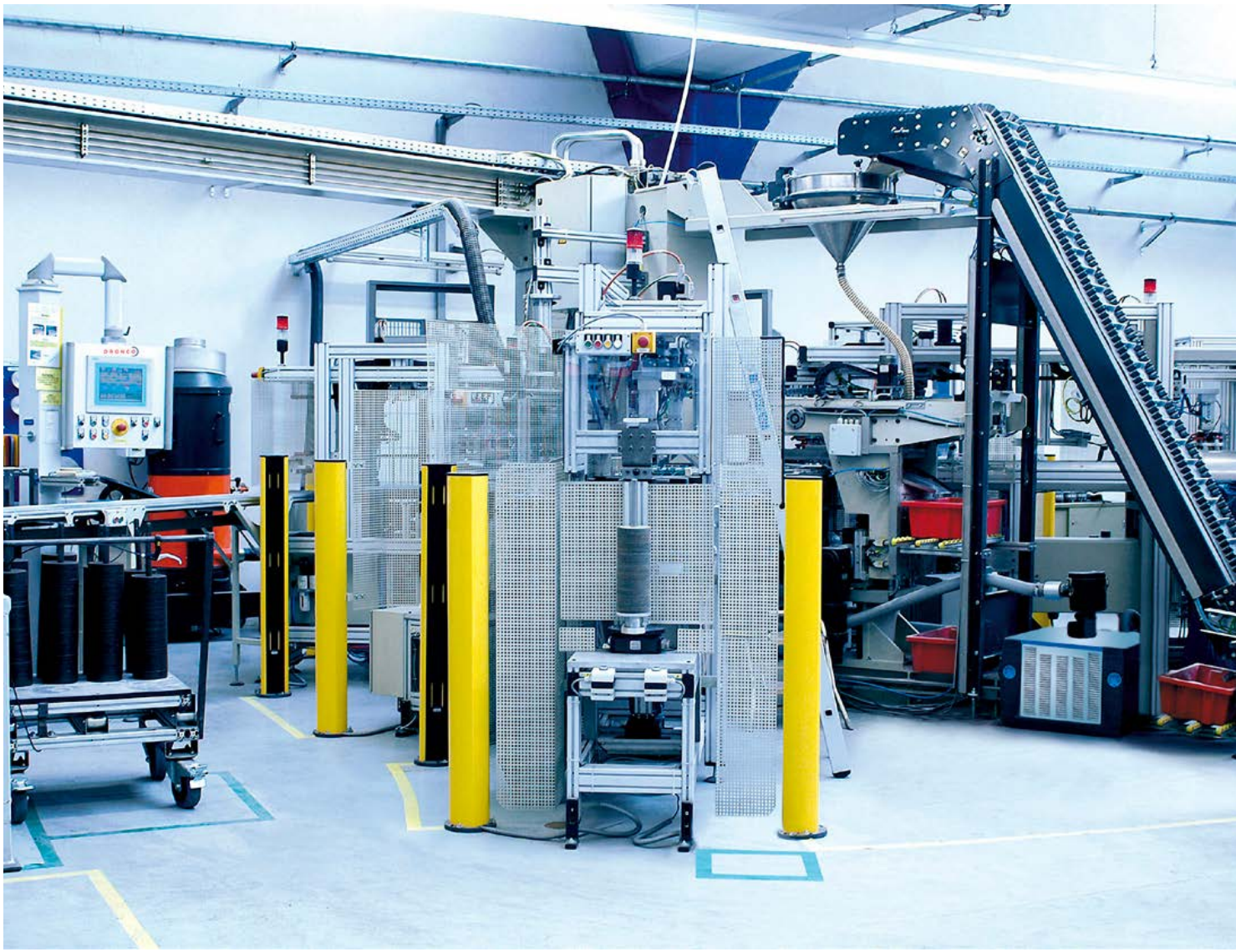
We have in-house Research and Development departments at all three production facilities in Germany. We are continually working on new products and are enhancing existing products in regard to quality and performance. Our global Purchasing department has a continual eye on the world markets and sources only the best raw materials for our tools.



Customer-centric

Excellent service is the core of successful collaboration. We are glad to fit in around your requirements. If you work in retail and need advise on packaging, or have ideas on presentation at the POS or would like products with your own design or company logo, we are your point of contact.

Modern production

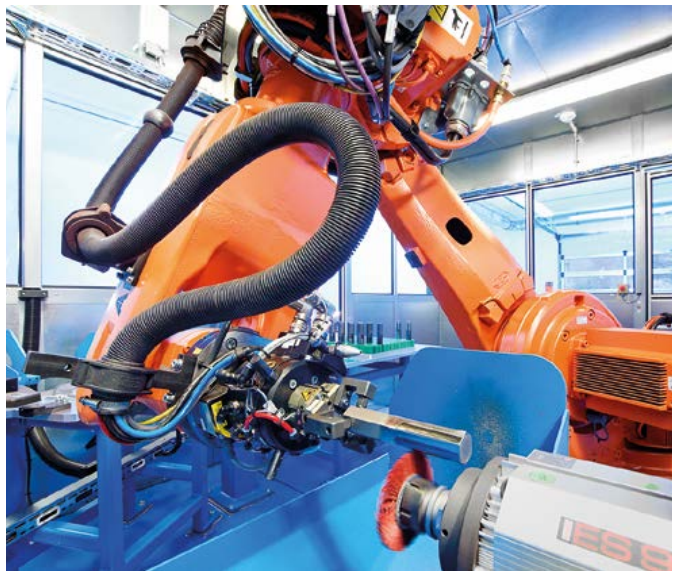


Optimal processes high quality

Our production systems represent the central element in manufacturing our premium products. We are not only able to produce large volumes and custom products, we can offer them first and foremost with constantly high quality. We have invested considerably in our production facilities in Burgwald and Wunsiedel. We have modernised the machinery and automated many areas. This means Dronco now has press technology for manufacturing cutting and grinding discs that is one of the most advanced of its kind in the world.

At our other sites, we are also active in optimising further our production processes. The production systems for our polishing buffs in Portugal, in the heart of the European textile industry, were recently equipped with new machines. And an automated filling system has been added to our polishing compound plant in Haan. Furthermore, our production site in Romania has been extended with additional installations.





Test robot in Burgwald/Germany

Always one step ahead – research and development

Passionate dedication to innovation is important to us. Our aim is to help you every day so that you are able to complete your work better, quicker and more professionally.

So we are testing and optimising existing products in our portfolio in regard to quality, operating behaviour and safety. The findings of our research flow directly into our production processes. A higher quality raw material, different wire knotting, a more abrasive grit, more wire or a new type of manufacturing process - there are many ways to improve products.

The same also applies for optimising our cutting and grinding discs, and our polishing buffs and compounds. Changing a single parameter brings with it a number of new possibilities. The skill is finding the promising changes and channelling them into volume production after the successful conclusion of all testing.

We are also working on new products and application solutions. Specially developed robots in our test labs in Europe and the US are assisting us. They provide accurate measurement results and guarantee that different tests are always conducted using the same parameters and under identical conditions.



A strong partner

We offer our industrial customers a professional service for the machining/ finishing of sample parts. We will be glad to help out if you are on the lookout for the perfect tool for your special finishing/ machining process. You receive a detailed report with technical documentation on the sample parts processed, on the basis of which you are able to make the correct tool selection in consideration of the cost, life and processing time criteria.

Talk to us: service@osborn.de

LOGISTICS – ALWAYS DELIVERED QUICKLY

For us to be able to deliver orders quickly anywhere in the world, we have two advanced logistics warehouses with the corresponding infrastructure, and automated warehousing.





NEXMART

Easy ordering around the clock

Speedy response and delivery times represent an elementary part of a modern service/customer relationship.

As a retailer, you can order our products using nexMart. It offers the full convenience of an online ordering platform and is now available in many European countries. NexMart is the biggest information source in the industry and allows full order functionality on its platform – whenever and wherever you need it.





AEO CERTIFIED

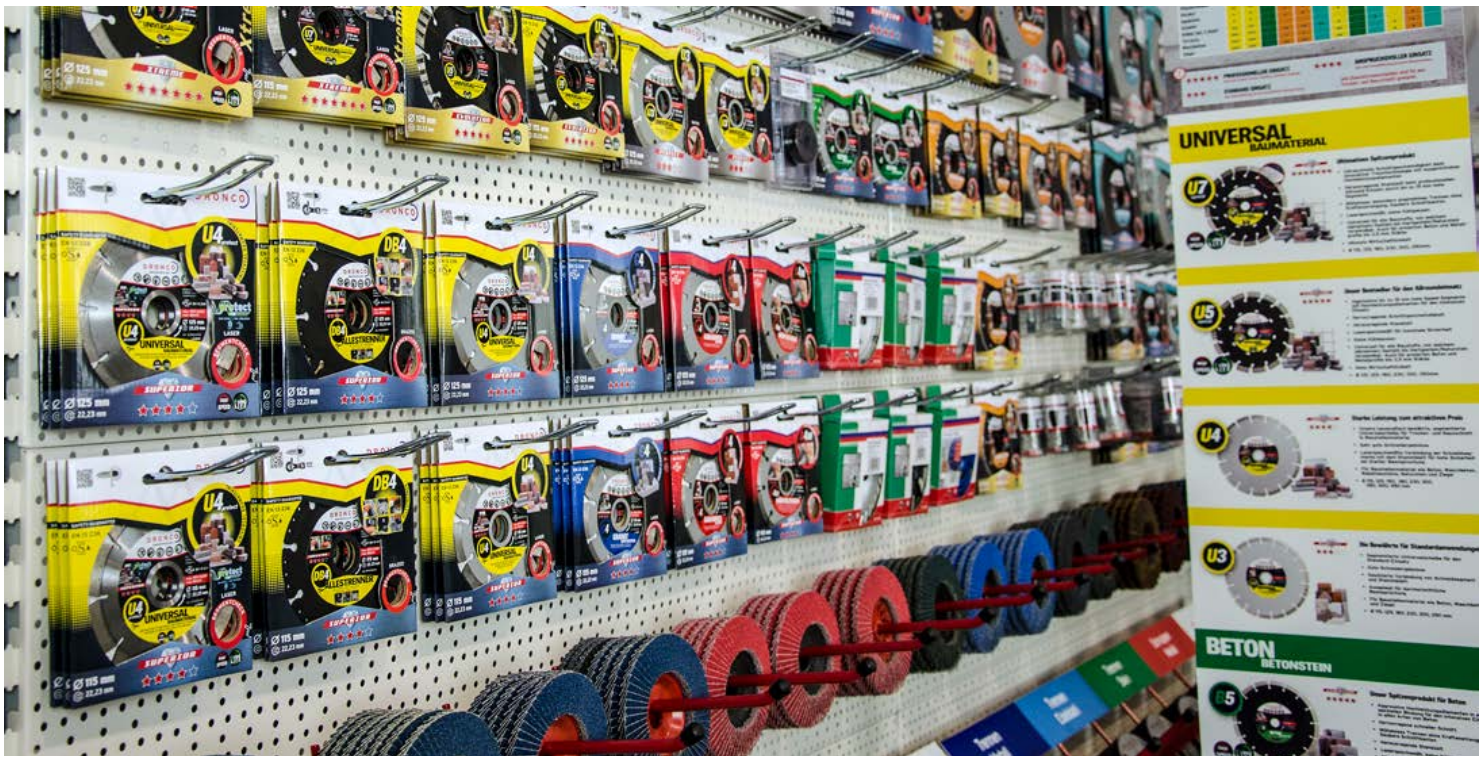
For a reliable supply chain

We are granted the status “Authorized Economic Operator (AEO)”. This is a standard adopted on European level with the goal of rendering possible reliable, end-to-end, international supply chains. The prerequisite for holding the “Authorized Economic Operator” certificate is conformance to special criteria, defined by the customs authorities, in regard to reliability, financial solvency, abiding by legal regulations and meeting safety standards.

The holder of a certificate is regarded as particularly reliable and is granted eased access to legal customs simplifications, accelerated permit procedures and ease in security-related customs checks. The certificates are valid in all EU member states.

You benefit from the fact that higher priority is generally attached to our goods when checks are performed and they are processed quickly. This means shipping delays due to inspections can be minimised greatly.

Perfectly presented



PROFESSIONALS ARE SETTING THE STANDARD — ALSO IN THE PRESENTATION AT POINTS OF SALE





Product displays

Present the products in a flexible and appealing way: Our diversity of packagings enables you to design your own displays for your customers.

PRODUCT AND PACKAGING DESIGN

Our positioning on the market is visually distinct and deliberated. This pertains to packaging as well as contents. Effectively designed colour codes navigate easily and reliably through the product range.

We will be glad to help if you want packaging with your own logo or design.



Shaft tags in the assortment box

The loose brushes in the assortment box carry all important information in summarised form on the shaft tag on the product.



Single packaging in boxes or PET

Our products in the range have attractive box or PET packaging with easy to understand application instructions and product information.

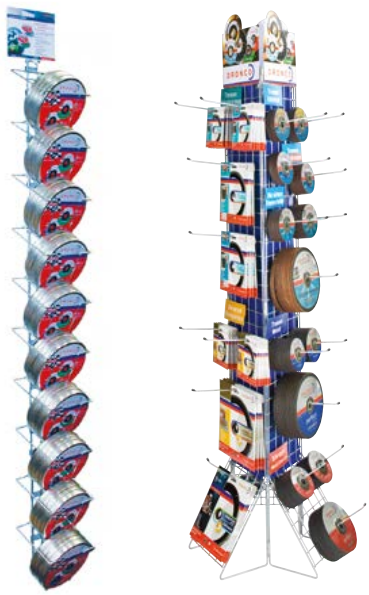


Display card

The alternate machine and brush pictures on the display card mean the user can better tell apart the products.

SALES PROMOTION AT POINTS OF SALE

We tailor sales promotion to the needs of the retailer. Here you only see a small selection of options. Speak to us if you are interested.





Stand-up displays and presenters

No matter how much space is available, there is a solution to present our products to catch the eye - container presenter for hanging into wall modules, triangular stand-up display for individual positioning or a stand display.



Sales displays

Variably deployable product boxes for different products or special counter displays, we offer you different ways to generate sales at the POS.

Quicker to the right product

THE BEST ADVICE. ON THE PACKAGING.

Osborn packaging makes it easy to find the right product.

In just four quick steps, you can find the perfect tool from our wide range of brushes. Clearly displayed on our POS materials are the four self-explanatory steps you need for expert advice.

Information on discs is on the initial pages of every section.





Trouble-free assignment

Icons on the packaging enable the product to be assigned quickly to the right machine. Angle grinder, power drill or something completely different - this question is clarified in no time.

Quick info on trim material

Here, colours and text provide users with key information on the trim material. The colours also appear in the catalogue to help with material selection.



TÜV safety

The TÜV-Süd logo attests to the safety standard of the product.

Detailed product information

Useful specifications of size, wire thickness, bore / tool holder and speed are provided by the detailed product information.



QR code
Get information online. Decide in the shop.

Osborn connects the shelf to the Internet. Consumers can use **QR codes** on our packagings to load straight to their smartphones **a whole array of product and supplementary information**. This enables any questions about a product to be clarified right by the product rack - effortlessly and at lightning speed.

The QR codes are on our single packs and also on the loose products in the assortment box and on the display card.





TRAINING

Do you want your employees to get to know our tools better to provide valuable advice to customers in shops? Or do you want your employees to improve their knowledge on how to use and work with our tools? We can train you and your employees. There is no "run-of-the-mill" training - we tailor our program exactly to your requirements. Training can be held at our site – if there is interest, perhaps linked with a visit to our production facilities? But we would of course also be glad to come to you. Talk to us!

For years recognised as a partner to specialist retailers.



Mobile promotion

We assist specialist retailers with promotion vehicles that are continually out and about - at in-house fairs and open day events, and together with retailers on site at end users.



YouTube

We are on YouTube for you. This is where you can find a whole array of product and application information, tips and suggestions for solving your problems in all aspects of professional surface finishing.

Osborn on Osbornsolutions
www.youtube.com/user/osbornsolutions



Safety first

SAFE PRODUCTS, SAFE USAGE



Many of our products are rotating tools that are used at high circumferential speeds, some on manually operated machines. The tools are subjected to extreme mechanical, and in part also thermal, loads. It is therefore important that they are continually tested in accordance with the latest safety standards.

Test results are arrived at computer-aided and logged in detail - be it lateral load testing, fall hammer testing, centrifugal force testing or determination of service life.

Quality management

We are certified to DIN ISO 9001:2015. The certificates are available on our homepage for downloading. www.osborn.com/certificates

We work in accordance with the following directives in manufacturing our products:

- EN 1083-1 European (safety) standard for power brushes, Part 1
- EN 1083-2 European (safety) standard for power brushes, Part 2
- EN 12413 European safety standard for cutting and grinding discs
- EN 13743 European safety standard for bonded abrasives
- EN 13236 European safety standard for diamond tools
- EN DIN ISO 13942, 603-16, 6103, 15635 - Dimensions, tolerances and imbalance
- Our products also satisfy American National Safety Institute (ANSI) requirements.



Sustainability and energy

In our company policy mission statement, we commit to continually improving and extending our commitment to environmental and health protection, and to the deployment of energy, beyond the requirements laid down by law.

To place this goal at the heart of all our efforts, we have introduced the ISO 50001:2011 energy management system and integrated it into the existing ISO 9001:2015 quality management system. As part of the continuous improvement process, the system introduced is being continually monitored, enhanced and optimised internally.

As part of the enhancement of the integrated management system, we are planning in the near future certification to ISO 14001:2015 (international environment management standard) and the new ISO 45001:2018 (occupational health and safety management system).

More information is available from:
www.osborn.com/sustainability

TÜV-SÜD quality seal

Over 700 products in our retail range for brushes are certified by TÜV-SÜD (safety tested, production monitored). The products as well as our production facilities are checked by independent expert organisation TÜV SÜD Product Service on the basis of technical safety requirements.

More information on this certification is available from the following website: www.tuev-sued.de/ps-zert

Memberships

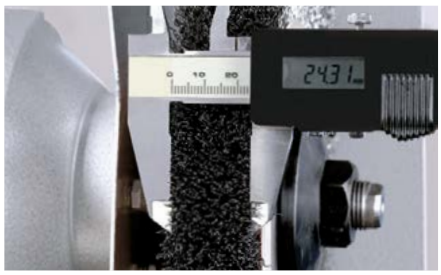
It is of fundamental interest to us that grinding and brushing tools are safe and are used as intended. As a manufacturer of quality tools, we are therefore a member of the international oSa e.V. (organisation for the safety of grinding tools). We champion adherence to quality and safety standards, and recognise EN standards 12413, 13236 and 13743 as binding.

Technical information & safety information for brushes



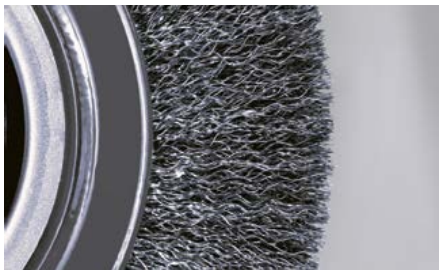
Working and safety speeds

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.



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 covering discs (see picture, left). Speak to us for more information about the clamping width.



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 trim tips. 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.



Trim density of brushes

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

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								

General safety information:
Wear protective clothing to eliminate injury risks. Other safety information and application examples are available from the Internet:



This way for information*



www.osborn.com/safety

* Costs dependent on the network operator are charged to use mobile websites.

Trim materials, types and usage for brushes

For our tools, we only use trim materials developed in-house or selected specially. Regular quality tests in our R&D labs guarantee highest material qualities at all times. You can see in the following table which materials we use for the tools in this catalogue, their properties and benefits, and the materials on which they are deployed.

MATERIAL	PROPERTY	ADDITIONAL PROPERTIES	BENEFITS	USED ON
Steel wire	Straight or flat	Most common trim material for brushes	• Sturdy • Diversity of applications	Steel, cast iron, softwood, hardwood
	Crimped			
	Knotted			Steel, cast steel
Stainless steel wire	Straight	Standard alloys: 1.4310 and 1.4401 (1.4571 on request)	• 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		• High-performance wire with high tensile strength • Long service life • For extreme brush applications	Steel, cast iron, softwood, hardwood
	Crimped			
	Knotted			
Longlife (steel wire)	Stranded		• Extremely long life • Combines the benefits of crimped and knotted wire	Steel, cast iron, softwood, hardwood
Brass-coated steel wire	Mono wire		• High tensile strength	Steel, cast iron, softwood, hardwood
	Cordwire	Stranded	• Particularly well suited to texturing wood	
Brass wire	Crimped			Non-ferrous metals, softwood
Synthetic bristles	Straight		• 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	• 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.	• 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	• 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

Application table for Dronco discs

is under General information in the respective section.



MATERIAL	PROPERTY	ADDITIONAL PROPERTIES	BENEFITS	USED ON
Novofil®	Circular	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.	• 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		• 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	• Abrasive balls on flexible design • Tool is self-centring	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
Fibre		Pure plant fibre	• For wet and dry application • Heat-resistant • Also suitable for polishing in conjunction with polishing compound	All materials
Horse hair		Pure horse hair	• Excellent sealing properties	

Materials, trim materials, and how they are shown in the catalogue

Material to treat / colour used in the catalogue

Trim material	Steel	Cast iron	Stainless steel	Non-ferrous metals	Aluminium	Soft-wood	Hard-wood
Smooth/crimped steel wire	■	■				■	■
Knotted steel wire	■	■					
Brass-coated steel wire	■	■				■	■
Stainless steel wire			■	■	■		
Longlife steel wire	■	■				■	■
Brass wire				■		■	
Synthetic bristles	■	■	■	■	■		
Abrasive bristle	■	■	■	■	■	■	■
Novofil	■	■	■	■	■		
Novoflex-B	■	■	■	■	■		
Fibre	■	■	■	■	■	■	■
Horse hair	is used for sealing						

General information

Many of our products have additional user benefits

TÜV SÜD
Certified safety
More information on page 15

PROTECT –
Vibration and noise appreciably reduced
More information on page 276

Battery friendly – Ideal for use in battery-operated devices and angle grinders with speed control
More information on page 24

FreeCut - Perhaps the world's safest cutting disc
More information on page 24

BOSCH X-LOCK– To change cutting discs without tools
More information on page 24

Cut & Grind - Cutting and grinding with one disc
More information on page 24

Our product lines

All of our products are manufactured with the greatest of care so as to meet your standards and satisfy your requirements to the highest possible degree.

To simplify navigation for you, we have split most of our tools into three quality lines in accordance with the Good-Better-Best principle. From the solid labourer variant to the high-end product for exacting standards.

Perfect ★★★☆☆
The tool portfolio for quality-conscious skilled workers and for semi-professional users.

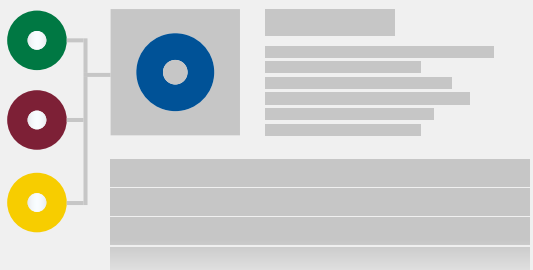
Superior ★★★★☆
Premium tools for professional users. Effective, durable and cost-effective. Impressive in daily use.

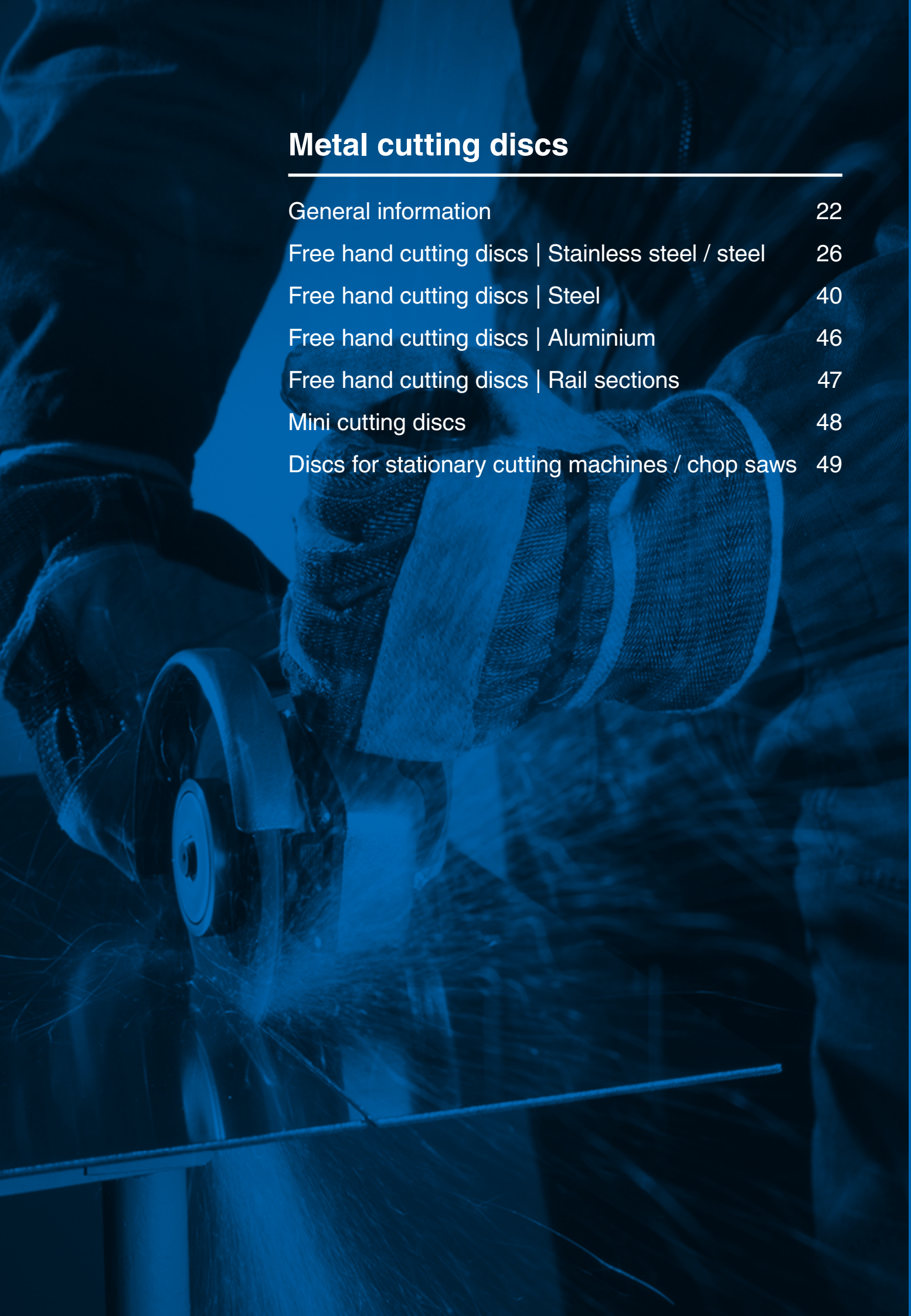
Evolution ★★★★★
High-end tools with outstanding performance. For intensive, professional use that makes the highest quality demands of the tool. Evolution products guarantee maximum grinding and cleaning performance, and excellent service life.

Presentation of products in the catalogue

Please note that we always group products as product families in the catalogue. This means these products have similar features. They are then grouped in a table.

The photo shown in each case is an example photo. The product variant can vary from the photo (e.g. in terms of the fittings colour, diameter, thread/borehole or wire type). The technical information in the table for the respective part number is authoritative.





Metal cutting discs

General information 22

Free hand cutting discs | Stainless steel / steel 26

Free hand cutting discs | Steel 40

Free hand cutting discs | Aluminium 46

Free hand cutting discs | Rail sections 47

Mini cutting discs 48

Discs for stationary cutting machines / chop saws 49

Important info at a glance

All Dronco product labels have received a new design. They now feature a fresh, clean design with user-friendly information, internationally recognised pictograms and more explicit labelling of the quality line. Instead of the Dronco logo, they now carry the Osborn trademark whilst retaining the renowned performance.

Our cutting discs are manufactured on modern production lines in keeping with the latest safety standards according to EN 12 413 and oSa requirements.

DISC SPECIFICATIONS



Made in Germany
Stands for proven DRONCO quality. Our cutting discs are primarily produced and tested in Germany.

Dimensions
Outer diameter, disc thickness, diameter of the bore.
Metric and imperial specifications.

max. speed

max. circumferential speed

EAN code

Field of application

Product safety
Our products meet the highest safety requirements and standards:
EN 12413 – Cutting discs
oSa – Organization for the Safety of Abrasives

Colour-coding system
Light blue – stainless steel cutting discs
Blue – Metal cutting discs
Silver – Aluminium cutting discs

Expiry date (quarter/year)

Features
Some of our products come with additional characteristics. These are highlighted on the label.

Quality line

Safety information

- Observe instructions
- Use safety goggles
- Use hearing protection equipment
- Wear dust mask
- Wear gloves
- May not be used for grinding
- Do not use product if damaged

Type designation

Consists of the following information in the case of cutting discs:

A/AS – Aluminium oxide (abrasive grain for cutting metal)

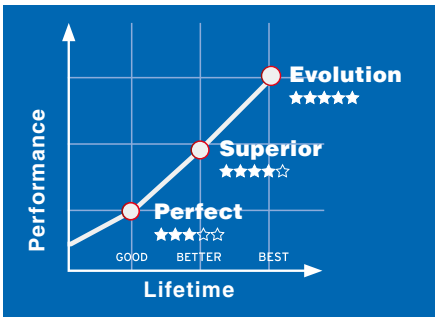
AZ – Zirconium corundum (abrasive grain for enhanced service life and cutting performance)

60 – Refers to the size of the grit. The higher the number, the finer the grit.
E.g.: 24 coarse | 30 medium | 36 fine ...

V – This letter stands for the degree of hardness of the disc.
The higher the letter in the alphabet, the harder the disc.
E.g.: Q soft | R medium hard | V hard

BF – Resin bond, reinforced with layers of glass fibre

QUALITY LINES
FOR EVERY REQUIREMENT



Three quality lines that follow the good-better-best principle

From solid craftsman's quality up to top-class, high-performance tools for intensive industrial use. We offer you just the right tool for every requirement.

All of our products conform to the relevant standards, achieve a high specific cutting performance and guarantee maximum safety.

★★★★★ Evolution

High-power tools with outstanding performance. For intensive professional use that subjects the tool to the highest quality requirements. Evolution products guarantee maximum removal rates and an outstanding service life.
You'll recognise the Evolution Line by its label with five stars.



★★★★☆ Superior / Special

Premium tools for professional users. Effective, durable and cost-effective. Impresses during daily use thanks to its high removal rates and long service life. You'll recognise the Superior Line by its label with four stars.



★★★☆☆ Perfect

The cutting disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good cutting rate at an attractive price.



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

EXTRA BENEFITS FOR USERS

Many of our products offer extra benefits for users in addition to their specific cutting and grinding capacity.

BOSCH X-LOCK – for changing cutting discs without tools

Cutting discs can be installed much more quickly and without tools thanks to the special X-LOCK adapter.

- Save time by changing discs quickly and easily – without tools
- Clever quick-mount system for increased safety
- Cutting discs with the X-LOCK adapter are fully backwards compatible and can also be used on conventional angle grinders with a 22.23-mm bore

FreeCut – probably the safest cutting disc in the world

The disc exhibits optimal, uniquely safe cutting thanks to its conical shape.

- No jamming during cutting work
- Prevents dangerous 'kick-back' effect of the angle grinder
- No side friction

Cut + Grind with a single disc

This ingenious combo disc saves set-up time and therefore money as well.

- Cutting and light grinding with a single disc
- No need to change discs
- Good cutting speed and removal rates

Battery friendly – ideal for use on battery-powered equipment

Battery-powered angle grinders are gaining in popularity. Cutting discs with this symbol can be used on corresponding equipment as well as variable-speed angle grinders.

- Flexible application
- Easy to use
- Ultimate precision

APPLICATION TABLE METAL CUTTING DISCS

●● very suitable
● suitable
◒ limited suitable

	Page	Unalloyed and alloyed construction steel	Very solid construction steel	Tool steel	High alloyed steel	Angular steel profiles	Angular stainless steel profiles	Rail sections	Cast iron	Aluminium alloy	Copper	Brass Bronze	Tiles. marble. slate
Free hand cutting discs for stainless steel/steel													
AS 60 W Evolution 0.8	26	●	●	●	●	●●	●●		◒	●	●	●	
A 60 R Perfect 1.0	27	●●	●	●	●	●	●		◒	◒	◒	◒	
AS 60 T INOX Superior 1.0	28	●	●	●	●●	●●	●●		◒	●●	●●	●●	
AS 60 V Evolution 1.0	29	●●	●●	●●	●●	●●	●●		●	●	●	●	
AS 60 W HT Evolution Jubilee 1.0	30	●●	●●	●●	●●	●●	●●		●	●	●	●	
A 46 R Perfect 1.6	33	●●	●	●	●	●	●		◒	◒	◒	◒	
AS 46 T INOX Superior 1.6	13	●	●	●	●●	●●	●●		◒	◒	◒	◒	
AS 46 V Evolution 1.6	35	●●	●●	●●	●●	●●	●●		●	●	●	●	
AK 60 V Evolution CeraMaxx	31	●●	●●	●●	●●	●●	●●		●●	●	●	●	
AK 46 V Evolution CeraMaxx	36	●●	●●	●●	●●	●●	●●		●●	●	●	●	
ACS 46 / ACS 60 T Multi	32	●	●	◒	●	●●	●●		●●	●●	●●	●●	●●
AS 46 / AS 60 T INOX FreeCut	37	●	●	●	●●	●●	●●		●	●	●	●	
AS 46 / AS 30 T INOX CUT+GRIND	38	●	●	●	●●	●	●●		●●	◒	◒	◒	
AS 30 S INOX Superior. 2.5	39	●	●	●	●●	●	●●	●	●●	●	●	●	
AS 30 T INOX Superior. 2.2	39	●	●	●	●●	●	●●	●	●●	●	●	●	
Free hand cutting discs for steel													
A 24 R Perfect. 3.0	40	●●	●	●	◒	●	◒		●	●	●	●	
AS 30 S Superior. 3.0	41	●●	●●	●●	◒	●	◒		●●	●	●	●	
AS 30 T Superior. 2.0	42	●●	●●	●●	◒	●●	◒		●	●	●	●	
AS 30 S HT Evolution. 3.0	43	●●	●●	●●	◒	●	◒		●	●	●●	●	
AS 30 V Evolution. 3.0	44	●●	●●	●●	◒	●●	◒		●	●	●	●	
AS 36 V Evolution. 2.2	45	●●	●●	●●	◒	●●	◒		●	●	●	●	
Free hand cutting discs for aluminium													
CS 60 Alu Superior. 1.2	46									●●	●●	●●	
CS 46 Alu Superior. 1.6	46									●●	●●	●●	
Free hand cutting discs for rail sections													
AS 24 R Bahn Superior	47	●	●	●	◒	◒	◒	●●	◒	◒	◒	◒	
Mini cutting discs													
AS 46 T Mini Superior	48	●	●	●	◒	●●	◒		◒	◒	◒	◒	
Discs for stationary cutting machines / chop saw discs													
A 30 S Perfect	49	●	●	●	◒	●	◒		●	●	●	●	
AS 30 S Superior	49	●●	●●	●●	◒	●	◒		●●	●	●	●	
AS 36 T Superior / Chop Saw	50	●●	●●	●	◒	●	◒		●	●	●	●	
AS 36 S INOX Superior / Chop Saw	50	●	●●	●●	●	●	●●		●●	●	●	●	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AS 60 W INOX

Evolution ★★★★★

Extra-fine, high-performance AS 60 W INOX Evolution cutting disc with 0.8 mm thickness. The right choice for quickly cutting thin-walled materials.

- Work progresses quickly thanks to incredibly high cutting performance
- Particularly smooth-running cutting disc
- Fine, smooth cut with minimal contact pressure
- The flat design allows for a better cutting depth
- Low-burr to burr-free cutting with limited sparking
- Iron- and sulphur-free

Field of application: For thin sheet metals, fine steel cables, thin-walled profiles and stainless steel pipes, steel, non-ferrous metals and composite materials (glass-reinforced plastics).

Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13300	25		**1111 000 100**		110302
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12250	25		**1121 000 100**		120301
			Lifetime-Plus tin				
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13300	1 tin of 25 discs		**6900 842 100**		701630
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12250	1 tin of 25 discs		**6900 843 100**		701647
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13300	1 tin of 10 discs		**6900 840 100**		701616
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12250	1 tin of 10 discs		**6900 841 100**		701623



A 60 R

Perfect ★★★☆☆

The most cost-effective alternative for thin cutting discs.
For cutting thin-walled materials.

- Good cutting ability with a good service life
- A precise cut to the millimetre
- Low-burr edges
- Iron- and sulphur-free

Field of application: For thin-walled profiles and sheet metals in steel and container construction applications. Also frequently used in car body building. Also suitable for stainless steel.

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.0 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1110 240 100**		110012
125 x 1.0 x 22.23	5 x 1/25 x 7/8	12250	25		**1120 240 100**		120011
			Power Pack tin				
115 x 1.0 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 987 100**		7013194
125 x 1.0 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 988 100**		701326

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS



XLOCK This item is also available with the X-LOCK adapter



AS 60 T INOX

Superior ★★★★☆

This 1-mm cutting disc enables a uniquely clean cut in no time, while requiring only minimal effort.

- Particularly easy-cutting disc with good service life
- Clean, precise cut down to the millimetre – with minimal effort
- Low-burr to burr-free edges (saves reworking)
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin sheet metal used in car body building, tank system and container construction, steel cables, thin-walled profiles and pipes of stainless steel, steel, non-ferrous metals or composite materials (glass-reinforced plastics), high temperature resistant materials (e.g. engine repairs in turbine sector).

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Lifetime-Plus tin
- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1111 240 100**		111026
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	25		**1121 240 100**		121025
			Power Pack tin				
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 935 100**		701050
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 945 100**		701067
			Lifetime-Plus tin				
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 850 100**		701203
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 852 100**		701227
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 25 discs		**6900 870 100**		701401
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 25 discs		**6900 871 100**		701418
			Bosch quick-mount X-LOCK				
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1911 240 100**		111088
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	25		**1921 240 100**		120646
			X-LOCK Lifetime-Plus tin				
115 x 1 x 22,23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6901 030 100**		703405
125 x 1 x 22,23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6901 032 100**		703429



battery friendly — Ø 115 and 125 mm suitable for battery-powered angle grinders

X-LOCK — This item is also available with the X-LOCK adapter



AS 60 V INOX

Evolution ★★★★★

Top-class 1-mm cutting disc for stainless steel and steel. For an extremely fast and precise cut down to the millimetre – with minimal effort.

- Work progresses quickly thanks to incredibly high cutting performance
- A precise cut to the millimetre with minimal physical effort
- Maximum service life and thus ultimate efficiency
- Low-burr to burr-free edges (saves reworking)
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin sheet metal used in car body building, tank system and container construction, steel cables, thin-walled profiles and pipes of stainless steel, steel, non-ferrous metals or composite materials (glass-reinforced plastics), high temperature resistant materials (e.g. engine repairs in turbine sector).

Power-Pack tin

- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1111 246 100**	111125
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	25		**1121 246 100**	121179
			Power Pack tin			
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 975 100**	704877
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 985 100**	704884
			Lifetime-Plus tin			
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 851 100**	701210
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 853 100**	701234
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 25 discs		**6900 872 100**	701425
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 25 discs		**6900 873 100**	701432
			Bosch quick-mount X-LOCK			
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1911 246 100**	111101
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	25		**1921 246 100**	120653
			X-LOCK Lifetime-Plus tin			
115 x 1 x 22,23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6901 031 100**	703412
125 x 1 x 22,23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6901 033 100**	703436

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AS 60 W HT INOX – Jubilee

Evolution ★★★★★

The special bond of the AS 60 W HT Evolution Jubilee was developed with the goal of achieving a particularly cool cut. When paired with the latest ceramic-coated abrasive grain, the result was a new top-class tool. This high-performance cutting disc with a significantly enhanced service life represents the state of the art within the premium product range:

- Excellent service life
- Outstanding cutting speed
- Cooler, even faster cutting
- Minimal physical effort required
- Low-burr to burr-free edges
- Iron- and sulphur-free

Field of application: For thin sheet metals, fine steel cables, thin-walled profiles and stainless steel pipes, steel, non-ferrous metals and composite materials (glass-reinforced plastics).

Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	25		**1111 247 100**		111644
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	25		**1121 247 100**		121780
			Lifetime-Plus tin				
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 10 discs		**6900 864 100**		701869
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 10 discs		**6900 865 100**		701876
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13300	1 tin of 25 discs		**6900 845 100**		701678
125 x 1 x 22.23	5 x 1/25 x 7/8	12250	1 tin of 25 discs		**6900 846 100**		701685



AK 60 V CeraMaxx

Evolution ★★★★★

This thin CeraMaxx cutting disc offers ultra-fast yet very comfortable cutting performance. The self-sharpening ceramic grain cuts through metal almost on its own, reducing the effort required enormously. Full cutting performance can be achieved even with minimal contact pressure. A clean, low-burr cut without blue discolouration reduces reworking. The enormous service life saves set-up time and labour costs while enhancing users' productivity and efficiency enormously.

Ideal target groups for these high-performance products include users working in pipeline construction, shipyards, metal construction, foundries, commercial vehicle production, steel construction, plant engineering, crane construction and the manufacturing of building machines.

- Outstanding cutting speed = high productivity
- Ultra-long service life = reduced disc consumption
- Clean, low-burr cut = less reworking
- Minimal effort = protects people and machines
- Cool cut without blue discolouration of the workpiece = less reworking
- Iron- and sulphur-free

Field of application: The advantages of CeraMaxx cutting discs come into play particularly in strong profiles and solid stainless steel or steel material.

Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



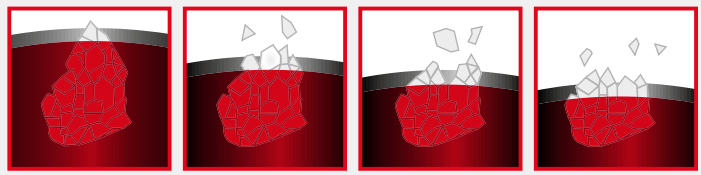
* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	25		**1111 500 100**		111989
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	25		**1121 500 100**		122299
			Lifetime-Plus tin				
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	1 tin of 10 discs		**6900 820 100**		702309
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	1 tin of 10 discs		**6900 821 100**		702316

CeraMaxx

Our strongest discs with latest-generation ceramic abrasive grain and performance enhanced to the ultimate

CeraMaxx discs are among the fastest, most aggressive and durable on the market. They optimise the work process and save set-up time and labour costs while enhancing users' productivity and efficiency enormously.



The new bond technology and the micro-crystalline structure of the ceramic grain ensure that new, extremely sharp cutting edges are continually released in a targeted manner. This guarantees that the CeraMaxx cutting and grinding discs can always put in a top performance – from start to finish. For maximum cutting speed, removal rates and service life.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



battery friendly

Ø 115 and 125 mm suitable for battery-powered angle grinders

XLOCK This item is also available with the X-LOCK adapter



ACS 60 T MULTI / ACS 46 T MULTI

Superior ★★★★☆

The special composition of this thin ACS 60 T-MULTI combo disc makes it possible to cut metal and tiles without time-consuming disc changes. A special tool for specialist users, such as plumbers.

- Combo cutting disc
- Good cutting performance
- Comfortable cutting
- No time-consuming disc changes
- Low-burr to burr-free edges
- Iron- and sulphur-free

Field of application: For stainless steel, steel and stone (especially wall tiles).

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



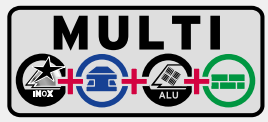
Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	25		**1111 360 100**		111804
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	25		**1121 360 100**		121803
			ACS 46 T MULTI				
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8500	25		**1183 360 100**		143157
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6650	25		**1233 360 100**		153606
			Power Pack tin				
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	1 tin of 10 discs		**6900 942 100**		704808
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	1 tin of 10 discs		**6900 943 100**		704815



battery friendly

Ø 115 and 125 mm suitable for battery-powered angle grinders

Additional user benefit
The new X-LOCK version of the ACS 60 T MULTI is now available and even more versatile. Thanks to its new formula, aluminium can now be cutted as well.



Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Ø in mm	Ø in Inch	RPM min^{-1}	VPE	Form	Bestell-Nr.	€/Stück	EAN 4081600
			Bosch quick-mount X-LOCK				
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13300	25		**1911 360 100**		111217
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12250	25		**1921 360 100**		120691
			X-LOCK Power-Pack-tin				
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13300	1 tin of 10 discs		**6901 050 100**		703443
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12250	1 tin of 10 discs		**6901 052 100**		703450



A 46 R

Perfect ★★★☆☆

The cost-effective solution among thin 1.6-mm steel cutting discs. A good compromise between conventional 3-mm and 1-mm discs.

- Good cutting ability and service life
- Almost no burr

Field of application: For profiles and sheet metals in steel and container construction applications. Also suitable for processing stainless steel (iron- and sulphur-free).

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item no.	€ per pcs	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	25		**1110 250 100**		110036
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	25		**1120 250 100**		120035

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Free hand cutting discs | Stainless steel / steel



XLOCK This item is also available with the X-LOCK adapter



AS 46 T INOX

Superior ★★★★☆

This thin 1.6-mm special cutting disc is easy on people and tools thanks to its energy-saving effect.

- Particularly easy-cutting disc with long service life
- Clean cut with minimal effort
- Low-burr cut edges
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

Field of application: For thin-walled profiles and sheet metals made of stainless steel or standard steel. The standard in tank systems and container construction.

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Lifetime-Plus tin
- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min⁻¹	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13300	25		**1111 250 100**		111118
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12250	25		**1121 250 100**		121117
150 x 1,6 x 22,23	6 x 1/16 x 7/8	10200	25		**1153 250 100**		133103
180 x 1,6 x 22,23	7 x 1/16 x 7/8	8500	25		**1183 250 100**		143119
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6650	25		**1233 250 100**		153118
			Power-Pack-tin				
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13300	1 tin of 10 discs		**6900 932 100**		701180
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12250	1 tin of 10 discs		**6900 941 100**		701142
			Lifetime-Plus tin				
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13300	1 tin of 10 discs		**6900 780 100**		702200
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13300	1 tin of 25 discs		**6900 874 100**		701449
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12250	1 tin of 10 discs		**6900 856 100**		701265
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12250	1 tin of 25 discs		**6900 875 100**		701456
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6650	1 tin of 10 discs		**6900 855 100**		701258
			Bosch quick-mount X-LOCK				
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13300	25		**1911 250 100**		111156
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12250	25		**1921 250 100**		120660



XLOCK This item is also available with the X-LOCK adapter



AS 46 V INOX

Evolution ★★★★★

The thin 1.6-mm AS 46 V INOX Evolution high-performance cutting disc stands out thanks to its high cutting speed together with a very long service life and comfortably smooth cutting. The 180-mm and 230-mm discs with depressed center guarantee a stable, straight cut line as well as good flexibility in the outer cutting area. Top product for industrial and trade use.

- Work progresses quickly thanks to high cutting speed
- Very long service life
- Comfortably smooth cut with minimal contact pressure
- Low-burr to burr-free cut
- Iron- and sulphur-free

Field of application: For sheet metal, steel cables, thin-walled profiles and pipes made of stainless steel or standard steel.

* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	25		**1111 251 100**		111132
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	25		**1121 251 100**		121148
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8500	25		**1183 251 100**		143171
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6650	25		**1233 251 100**		153170
			Lifetime-Plus tin				
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	1 tin of 25 discs		**6900 876 100**		701463
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	1 tin of 10 discs		**6900 877 100**		701470
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	1 tin of 25 discs		**6900 860 100**		701289
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6650	1 tin of 10 discs		**6900 861 100**		701296
			Bosch quick-mount X-LOCK				
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	25		**1911 251 100**		111170
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	25		**1921 251 100**		120677

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AK 46 V CeraMaxx

Evolution ★★★★★

The thin 1.6-mm CeraMaxx cutting disc offers ultra-fast yet very comfortable cutting performance. The self-sharpening ceramic grain cuts through metal almost on its own, reducing the effort required enormously. Full cutting performance can be achieved even with minimal contact pressure. A clean, low-burr cut without blue discolouration reduces reworking. The enormous service life saves set-up time and labour costs while enhancing users' productivity and efficiency enormously.

Ideal target groups for these high-performance products include users working in pipeline construction, shipyards, metal construction, foundries, commercial vehicle production, steel construction, plant engineering, crane construction and the manufacturing of building machines.

- Outstanding cutting speed = high productivity
- Ultra-long service life = reduced disc consumption
- Clean, low-burr cut = less reworking
- Minimal effort = protects people and machines
- Cool cut without blue discolouration of the workpiece = less reworking
- Iron- and sulphur-free

Field of application: The advantages of CeraMaxx cutting discs come into play particularly in strong profiles as well as solid stainless steel and steel material.

Lifetime-Plus tin

- Over 30%* longer service life (number of cuts)
- Sealed fresh pack keeps the cutting discs at full capacity and in 'straight off the line' condition until package is opened



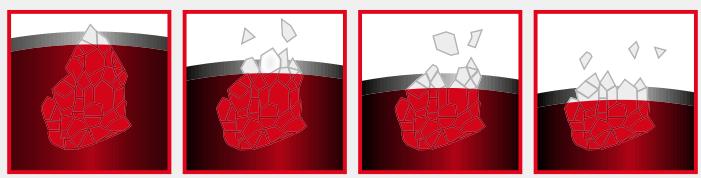
* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	25		**1111 512 100**		111828
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	25		**1121 512 100**		122312
150 x 1.6 x 22.23	6 x 1/16 x 7/8	10200	25		**1153 511 100**		133073
			Lifetime-Plus tin				
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13300	1 tin of 10 discs		**6900 822 100**		702323
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12250	1 tin of 10 discs		**6900 823 100**		702330

CeraMaxx

Our strongest discs with latest-generation ceramic abrasive grain and performance enhanced to the ultimate

CeraMaxx discs are among the fastest, most aggressive and durable on the market. They optimise the work process and save set-up time and labour costs while enhancing users' productivity and efficiency enormously.



The new bond technology and the micro-crystalline structure of the ceramic grain ensure that new, extremely sharp cutting edges are continually released in a targeted manner. This guarantees that the CeraMaxx cutting and grinding discs can always put in a top performance – from start to finish. For maximum cutting speed, removal rates and service life.



Ø 115 and 125 mm suitable for battery-powered angle grinders

Jam-free cutting

AS 60 T / AS 46 T INOX FreeCut

Superior ★★★★☆

FreeCut: This safe disc prevents the dangerous 'kick-back' effect of the angle grinder. The disc exhibits optimal, uniquely safe cutting thanks to its conical shape.

- Disc does not become jammed in the workpiece
- Prevents dangerous 'kick-back' effect of the angle grinder
- Generates little heat
- Comfortable cutting thanks to reduced side friction
- Easy, power-saving handling of the disc
- Less reduction of the machine's RPM, resulting in faster cutting
- Iron- and sulphur-free

Field of application: For thin-walled and thick-walled profiles and solid stainless steel, standard steel or non-ferrous metal materials.

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115x2.0/1.0x22.23	4 1/2x5/64–1/25x7/8	13300	25		**1111 340 100**		111507
125x2.0/1.0x22.23	5x5/64–1/25x7/8	12250	25		**1121 340 100**		121506
			AS 46 T INOX FreeCut				
150x2.5/2.0x22.23	6x3/32–5/64x7/8	10200	25		**1153 340 100**		133509
180x3.0/2.0x22.23	7x5/64–1/8x7/8	8500	25		**1183 340 100**		143508
230x3.0/2.0x22.23	9x5/64–1/8x7/8	6650	25		**1233 340 100**		153507
			Power Pack tin				
115x2.0/1.0x22.23	4 1/2x5/64–1/25x7/8	13300	1 tin of 10 discs		**6900 937 100**		704952
125x2.0/1.0x22.23	5x5/64–1/25x7/8	12250	1 tin of 10 discs		**6900 947 100**		704976

The safe anti-kick-back disc

- No jamming during cutting work
- Prevents dangerous 'kick-back' effect of the angle grinder
- Generates little heat
- Comfortable cutting thanks to reduced side friction
- Easy, power-saving handling of the disc
- Less reduction of the machine's RPM, resulting in faster cutting



The cutting disc tapers towards the center

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



battery friendly — Ø 115 and 125 mm suitable for battery-powered angle grinders

cut+grind — Combo cutting and grinding disc

AS 46 T / AS 30 T INOX CUT+GRIND

Superior ★★★★☆

The ingenious cutting and grinding disc combo. Cut at a comfortable speed and follow up with deburring, chamfering and grinding – without any disc changes! This saves set-up time, and therefore money as well!

- Cutting and light grinding work with a single disc
- Good cutting speed
- Good removal rates
- No time-consuming disc changes required
- Saves set-up time and procurement of various discs
- Iron- and sulphur-free

Field of application: For solid material or profiles made of stainless steel, standard steel or non-ferrous metals.

Power-Pack tin
- 5 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1113 270 100**		113600
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12250	25		**1123 270 100**		123609
			AS 30 T INOX CUT+GRIND				
180 x 3.5 x 22.23	7 x 1/8 x 7/8	8500	25		**1183 270 100**		143607
			Power Pack tin				
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13300	1 tin of 5 discs		**6900 936 100**		704983
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12250	1 tin of 5 discs		**6900 946 100**		704969

The ingenious cutting and grinding disc combo

- Cutting and light grinding work with a single disc
- No time-consuming disc changes required
- Saves set-up time and procurement of various discs
- Good cutting speed
- Good removal rates



Deburr or grind immediately without changing discs.



AS 30 S INOX

Superior ★★★★☆

Special disc for cutting stainless steel. The special composition prevents rust from forming on the edges.

- Good cutting speed
- Good service life
- Iron- and sulphur-free

Field of application: For stainless steel – also suitable for standard steel.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1111 906 100**		111309
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1113 906 100**		113303
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12250	25		**1121 906 100**		121308
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12250	25		**1123 906 100**		123302
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8500	25		**1181 906 100**		141306
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8500	25		**1183 906 100**		143300
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6650	25		**1231 906 100**		151305
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6650	25		**1233 906 100**		153309



AS 30 T INOX

Superior ★★★★☆

Special disc with straight design for cutting stainless steel.
The special composition prevents rust from forming on the edges.

- Good cutting speed
- Good service life
- Higher cutting depth due to flat shape
- Iron- and sulphur-free

Field of application: For stainless steel – also suitable for standard steel.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 2.2 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1111 905 100**		111293
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12250	25		**1121 905 100**		121292
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8500	25		**1181 905 100**		141290
230 x 2.2 x 22.23	9 x 3/32 x 7/8	6650	25		**1231 905 100**		151299

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS

Free hand cutting discs | Steel



A 24 R

Perfect ★★★☆☆

Good entry-level product for cutting metal at an affordable price.

- Good cutting speed
- Good service life

Field of application: All-purpose use for cutting standard steel and non-ferrous metals.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1100 015 100**		100006
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1102 015 100**		102000
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1110 015 100**		110005
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1112 015 100**		112009
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1120 015 100**		120004
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1122 015 100**		122508
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		**1150 015 100**		130003
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		**1152 015 100**		132007
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1180 015 100**		140002
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1182 015 100**		142006
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1230 015 100**		150001
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1232 015 100**		152005
300 x 3.5 x 20.0	12 x 1/8 x 3/4	5100	25		**1300 225 100**		160093
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25		**1300 226 100**		160116



AS 30 S

Superior ★★★★☆

Proven cutting disc for professional applications involving metal, construction steel or cast iron. For anyone looking for a cost-effective alternative.

- Good cutting speed
- Long service life

Field of application: For standard steel, construction steel, cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1103 115 100**		103007
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1111 115 100**		111002
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1113 115 100**		113006
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1121 115 100**		121001
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1123 115 100**		123005
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		**1153 115 100**		133004
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1181 115 100**		141009
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1183 115 100**		143003
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1231 115 100**		151008
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1233 115 100**		153002
300 x 3.5 x 20	12 x 1/8 x 3/4	5100	25		**1301 125 100**		161507
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25		**1301 126 100**		161014
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25		**1301 127 100**		161021
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		**1351 135 100**		171006
350 x 4 x 25.4	14 x 5/32 x 1	5500	10		**1351 137 100**		171020

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS



AS 30 T

Superior ★★★★☆

This thin cutting disc for sheet steel is particularly popular in the tank systems and container construction sectors. The clean cut provided by this thin special cutting disc makes it possible to process sheet materials without deformations and inconvenient burrs.

- Good cutting speed
- Long service life
- Low-burr to burr-free edges

Field of application: For sheet steel.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 2 x 22.23	4 1/2 x 5/64 x 7/8	13300	25		**1111 055 100**		111040
115 x 2 x 22.23	4 1/2 x 5/64 x 7/8	13300	25		**1113 055 100**		113044
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1113 060 100**		113037
125 x 2 x 22.23	5 x 5/64 x 7/8	12250	25		**1121 055 100**		121049
125 x 2 x 22.23	5 x 5/64 x 7/8	12250	25		**1123 055 100**		123043
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12250	25		**1123 060 100**		123050
180 x 2 x 22.23	7 x 5/64 x 7/8	8500	25		**1181 055 100**		141047
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8500	25		**1183 060 100**		143027
230 x 2 x 22.23	9 x 5/64 x 7/8	6650	25		**1231 055 100**		151046
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6650	25		**1233 060 100**		153040



AS 30 S HT

Evolution ★★★★★

Thanks to its corundum, which is treated with high temperatures, and its balanced bond, the AS 30 S HT Evolution combines the removal performance and ease of cutting of a soft disc with the long service life of a hard disc.

- Rapid work progress
- Long service life

Field of application: Steel, cast iron and non-ferrous metals.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1111 940 100**		111019
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1113 940 100**		113013
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1121 940 100**		121018
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1123 940 100**		123012
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1181 940 100**		141016
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1183 940 100**		143010
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1231 940 100**		151015
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1233 940 100**		153026

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS

Free hand cutting discs | Steel



AS 30 V

Evolution ★★★★★

This very hard disc is characterised by its distinctive all-round qualities and fast cutting. Its special strengths are cutting pipes and processing thin-walled profiles.

- Work progresses quickly thanks to high cutting performance
- Versatile uses
- Good service life

Field of application: For processing construction steel, thin-walled profiles, pipes etc.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1101 966 100**		101201
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1111 966 100**		111200
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1113 966 100**		113204
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1121 966 100**		121209
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1123 966 100**		123203
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1181 966 100**		141214
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1231 965 100**		151206
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1233 965 100**		153200



AS 36 V

Evolution ★★★★★

The AS 36 V Evolution is particularly resilient when cutting sharp-edged materials and thin-walled profiles. It impresses users thanks to distinctive all-round qualities. It is thinner than the AS 30 V and enables even faster cutting with pinpoint accuracy.

- Work progresses quickly thanks to high cutting performance
- Versatile uses
- Good service life

Field of application: For processing construction steel, thin-walled profiles, pipes etc.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 2.2 x 16	4 x 3/32 x 5/8	15300	25		**1101 070 100**		101256
115 x 2.2 x 22.23	4 1/2 x 3/32 x 7/8	13300	25		**1111 070 100**		111255
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12250	25		**1121 070 100**		121254
150 x 2.2 x 22.23	6 x 3/32 x 7/8	10200	25		**1151 070 100**		131253
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8500	25		**1181 070 100**		141252
230 x 2.2 x 22.23	9 x 3/32 x 7/8	6650	25		**1231 070 100**		151251

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS

Free hand cutting discs | Aluminium



battery friendly

Ø 115 and 125 mm suitable for battery-powered angle grinders

CS 60 ALU

Superior ★★★★☆

The outstanding characteristics offered by thin cutting discs are now available for aluminium and non-ferrous metals as well.

- Fast cutting without clogging the cutting surfaces
- Good service life

Field of application: For aluminium and non-ferrous metals such as copper, brass and bronze. Also highly suitable for most plastics.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	25		**1111 150 100**		111163
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	25		**1121 150 100**		121063



CS 46 ALU

Superior ★★★★☆

Thin, easy-cutting 1.6-mm cutting disc for clean cuts in aluminium and other non-ferrous metals.

- No clogging of cutting surfaces
- Good service life

Field of application: For aluminium and non-ferrous metals such as copper, brass and bronze. Also highly suitable for most plastics.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
150 x 1.6 x 22.23	6 x 1/16 x 7/8	10200	25		**1153 150 100**		133066
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8500	25		**1183 150 100**		143041
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6650	25		**1233 150 100**		153033



AS 24 R BAHN

Superior ★★★★☆

Special disc for cutting all rail sections in next to no time.

- Good cutting speed

Field of application: For cutting new and compressed rail sections (such as UIC 60, S54 or S49).

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25	▬	**1301 376 100**		161113
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25	▬	**1301 377 100**		161120
350 x 4 x 22.23	14 x 5/32 x 7/8	5500	10	▬	**1351 386 100**		171112
350 x 4 x 25.4	14 x 5/32 x 1	5500	10	▬	**1351 387 100**		171129

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Mini cutting discs



AS 46 T Mini

Superior ★★★★☆

Mini cutting discs for use on straight grinders, cylindrical grinders, flexible shaft machines, drilling machines and hand-held milling tools
for cutting steel, particularly sheet steel.

Please select the right bore!

- Good cutting speed
- Good service life

Field of application: Exceptionally suitable for thin sheet steel. Good performance with construction, tool and high-speed steel.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
50 x 1 x 6	2 x 1/25 x 1/4	30600	25		**6405 006 100**		642520
50 x 2 x 6	2 x 5/64 x 1/4	30600	25		**6405 000 100**		642421
60 x 2 x 6	2 3/8 x 5/64 x 1/4	25450	25		**6406 001 100**		642438
65 x 1 x 6	2 1/2 x 1/25 x 1/4	23500	25		**6406 500 100**		640038
76 x 1 x 6	3 x 1/25 x 1/4	20100	25		**6407 637 100**		642964
76 x 1.2 x 10	3 x 1/25 x 3/8	20100	25		**6407 634 100**		640045
76 x 1.6 x 10	3 x 1/16 x 3/8	20100	25		**6407 622 100**		642957



Tensioning shaft for mini cutting discs

Superior ★★★★☆

Tensioning shaft for attaching mini cutting and grinding discs on straight grinders, cylindrical grinders, flexible shaft machines, drilling machines and hand-held milling tools.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
Tensioning shaft, 6 mm x M6	6 mm	1/4 x M6	1	**6400 001 100**		642575
Tensioning shaft, 6 mm x M10	6 mm	1/4 x M10	1	**6400 002 100**		642582



A 30 S

Perfect ★★★☆☆

All-purpose soft standard disc for stationary cutting machines.

- Good cutting speed
- Good service life

Field of application: Particularly suitable for construction steel and tool steel. Good performance on cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25		**2301 320 100**		260205
300 x 3.5 x 32	12 x 1/8 x 1 1/4	5100	25		**2301 340 100**		260229
350 x 3.5 x 25.4	14 x 1/8 x 1	4400	10		**2351 320 100**		270204
350 x 3.5 x 32	14 x 1/8 x 1 1/4	4400	10		**2351 340 100**		270228



AS 30 S

Superior ★★★★☆

Long service life, even when cutting materials of varying compositions. A long service life and high cutting performance result in efficient work with the AS 30 S Superior – from profiles, to pipes to solid materials.

- Good cutting speed
- Long service life
- Versatile uses

Field of application: For processing metal, construction steel and cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 3.5 x 25.4	12 x 1/8 x 1	6400	25		**2300 020 100**		260014
300 x 3.5 x 32	12 x 1/8 x 1 1/4	6400	25		**2300 040 100**		260038
350 x 3.5 x 25.4	14 x 1/8 x 1	5500	10		**2350 020 100**		270006
350 x 3.5 x 32	14 x 1/8 x 1 1/4	5500	10		**2350 040 100**		270037
400 x 4 x 25.4	16 x 5/32 x 1	4780	10		**2400 020 100**		280005
400 x 4 x 40	16 x 5/32 x 1 9/16	4780	10		**2400 050 100**		280043

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

METAL CUTTING DISCS

Discs for stationary cutting machines / chop saws



AS 36 T

Superior ★★★★☆

High-quality special disc for chop saws (stationary cutting machines with a drive power of up to 2.4 kW/3 HP).

- Good cutting speed
- Good service life

Field of application: Good performance on construction steel, tool steel, sheet steel and cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 2.8 x 25.4	12 x 7/64 x 1	5100	25	▬	**2300 220 100**		261103
350 x 3 x 25.4	14 x 1/8 x 1	4400	10	▬	**2350 220 100**		271102
400 x 3.2 x 25.4	16 x 1/8 x 1	4780	10	▬	**2400 220 100**		281101



AS 36 S INOX

Superior ★★★★☆

High-quality special disc for chop saws (stationary cutting machines with a drive power of up to 2.4 kW/3 HP). The special composition of the abrasive prevents rust from forming on the edges.

- Good cutting speed
- Good service life
- Iron- and sulphur-free

Field of application: For cutting stainless steel; good service life for standard steel as well.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 2.8 x 25.4	12 x 7/64 x 1	5100	25	▬	**2300 920 100**		260151
350 x 3 x 25.4	14 x 1/8 x 1	4400	10	▬	**2350 920 100**		270150

User tip

When selecting cutting discs for use on stationary machines (from swing cutting machines up to fully automated machines with control consoles and a closed working area), please observe the maximum circumferential speed of 80 m/s or 100 m/s.

Osborn also supplies discs for so-called ‘chop saws’. These are swing cutting machines with a drive power of up to 3 HP (2.4 kW). Stationary cutting discs must not be used on free hand machines under any circumstances!



Stone cutting discs

General information 52

Free hand cutting discs | Stone 55

Free hand cutting discs | Aspahlt / Ductile 58

Important info at a glance

All Dronco product labels have received a new design. They now feature a fresh, clean design with user-friendly information, internationally recognised pictograms and more explicit labelling of the quality line. Instead of the Dronco logo, they now carry the Osborn trademark whilst retaining the renowned performance.

Our cutting discs are manufactured on modern production lines in keeping with the latest safety standards according to EN 12 413 and oSa requirements.

DISC SPECIFICATIONS



Made in Germany
Stands for proven quality. Our cutting discs are primarily produced and tested in Germany.

Dimensions
Outer diameter, disc thickness, diameter of the bore. Metric and imperial specifications.

max. speed

max. circumferential speed

EAN code

Field of application

Product safety
Our products meet the highest safety requirements and standards: EN 12413 – Cutting discs oSa – Organization for the Safety of Abrasives

Colour coding system
Green – Stone cutting discs

Expiry date (quarter/year)

Quality line

Safety information

- Observe instructions
- Use safety goggles
- Use hearing protection equipment
- Wear dust mask
- Wear gloves
- May not be used for grinding
- Do not use product if damaged

Type designation

Consists of the following information in the case of cutting discs:

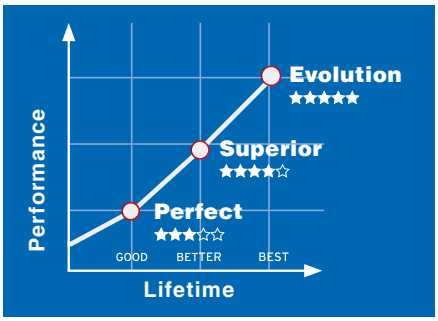
C/CS – Silicon carbide is the abrasive grain for cutting stone.

60 – Refers to the size of the grit.
The higher the number, the finer the grit.
E.g.: 24 coarse | 30 medium | 36 fine ...

R – This letter stands for the degree of hardness of the disc.
The higher the letter in the alphabet, the harder the disc.
E.g: Q soft | R medium hard | V hard

BF – Resin bond, reinforced with layers of glass fibre.

QUALITY LINES
FOR EVERY REQUIREMENT



Three quality lines that follow the good-better-best principle

From solid craftsman's quality up to top-class, high-performance tools for intensive industrial use. We offer you just the right tool for every requirement.

All of our products conform to the relevant standards, achieve a high specific cutting performance and guarantee maximum safety.

★★★★☆ Superior / Special

Premium tools for professional users. Effective, durable and cost-effective. Impresses during daily use thanks to its high removal rates and long service life. You'll recognise the Superior Line by its label with four stars.



★★★☆☆ Perfect

The cutting disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good cutting rate at an attractive price.



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

APPLICATION TABLE STONE CUTTING DISCS

●● very suitable
● suitable
◒ limited suitable

	Page	Asphalt	Concrete	Roofing tiles	Porous concrete	Granite	Sand-lime brick	Clinker brick	Marble	Tiles	Fireproof clay	Slate	Terrazzo	Clay pipes	Exposed aggregate concrete	Bricks	Ductile pipes
Free hand cutting discs, stone																	
C 60 R Perfect	55		◒	◒	◒	◒		◒	●●	●●	◒	●●	◒	◒		◒	
C 46 R Perfect	55		◒	◒	◒	◒		◒	●●	●●	◒	●●	◒	◒		◒	
C 24 R Perfect	56	◒	●	●	●	◒	●	◒	●	●	◒	●	●	●	●	●	◒
CS 24 R Superior	57	◒	●●	●●	●	●	●	●●	●	●	●	●	●	●●	●●	●●	◒
Free hand cutting discs, asphalt/ductile																	
CS 30 Superior	58	●●	●	●●	●●	◒	●●	●	◒	◒	●	◒	◒	●	●	●	●●

Thin cutting discs make your work faster

Extra speed
- Considerably higher cutting speed
- Cuts significantly faster

Extra precision
- Extremely clean cut
- Breakout-free edges with minimal burr
- Reduced loss of material

Extra comfort
- Minimal effort with same contact pressure
- Reduced noise
- Low vibrations
- Low dust formation





C 60 R

Perfect ★★★☆☆

Thin cutting disc for stone. For significantly faster cutting down to the millimetre – with minimal effort.

- Incredibly faster and cleaner cut
- Breakout-free cutting edges
- Low-vibrations, smooth-running cutting disc
- Comfortable to use thanks to reduced noise generation
- Up to 50% less dust formation during cutting

Field of application: For cutting stone slabs with thin material cross-section.

Power-Pack tin
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	25		**1115 000 100**		110043
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	25		**1125 000 100**		120042
			Power Pack tin				
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13300	1 tin of 10 discs		**6900 955 100**		701074
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12250	1 tin of 10 discs		**6900 965 100**		701081



C 46 R

Perfect ★★★☆☆

Thin 230-mm cutting disc for stone. For precise, significantly faster cutting – with minimal effort.

- Work progresses quickly thanks to high cutting performance
- Very clean cut
- Breakout-free edges with minimal burr
- Low-vibrations, smooth-running cutting disc
- Comfortable to use thanks to reduced noise generation
- Up to 50% less dust formation during cutting

Field of application: For cutting stone slabs with thin material cross-section.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6650	25		**1238 250 100**		157116

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

STONE CUTTING DISCS



C 24 R

Perfect ★★★☆☆

The C 24 R disc for craftsmen has been proven a million times over and offers good performance at an affordable price.

- Fast cutting
- Good service life

Field of application: For construction site materials such as concrete, stones, roofing tiles, sand-lime brick.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1105 015 100**		105001
100 x 3 x 16	4 x 1/8 x 5/8	15300	25		**1107 015 100**		107005
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1115 015 100**		115000
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1117 015 100**		117004
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1125 015 100**		125009
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1127 015 100**		127003
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1185 015 100**		145007
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1187 015 100**		147001
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1235 015 100**		155006
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1237 015 100**		157000



CS 24 R

Superior ★★★★☆

High-performance stone cutting disc for diverse applications on construction sites.

- Particularly easy-cutting disc with long service life
- Effective cutting with little effort

Field of application: For granite, concrete, bricks and other construction site materials, but also highly suitable for ceramic, porcelain and marble.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1116 015 100**		116007
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	25		**1118 015 100**		118001
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1126 015 100**		126006
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	25		**1128 015 100**		128000
180 x 3 x 22.23	7 x 1/8 x 7/8	8500	25		**1186 015 100**		146004
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1236 015 100**		156003
230 x 3 x 22.23	9 x 1/8 x 7/8	6650	25		**1238 015 100**		158007
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		**1306 035 100**		166502
300 x 4 x 22.23	12 x 5/32 x 7/8	5100	25		**1306 036 100**		166019
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		**1356 035 100**		176501
350 x 4 x 25.4	14 x 5/32 x 1	5500	10		**1356 037 100**		176025

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



CS 30 ASPHALT / DUKTIL

Superior ★★★★☆

An extremely effective special disc that achieves outstanding results not only in the poured cement composition of ductile pipes but also in asphalt. Also offers excellent results with other building materials.

- Particularly easy-cutting disc with long service life
- Effective cutting with little effort

Field of application: For ductile pipes, aerated concrete, roofing tiles, sand-lime brick and clay products. Effective in asphalt (including with aggregates).

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		**1306 135 100**		166040
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		**1356 135 100**		176087



Grinding discs

General information	60
Grinding discs | Steel	63
Grinding discs | Stainless steel/steel	65
Grinding discs | Cast iron	69
Grinding discs | Aluminium	70
Mini grinding discs | Steel	71
Grinding discs | Stone	72

Important info at a glance

All Dronco product labels have received a new design. They now feature a fresh, clean design with user-friendly information, internationally recognised pictograms and more explicit labelling of the quality line. Instead of the Dronco logo, they now carry the Osborn trademark whilst retaining the renowned performance.

Our grinding discs are manufactured on modern production lines in keeping with the latest safety standards according to EN 12 413 and oSa requirements.

DISC SPECIFICATIONS



Dimensions
Outer diameter, disc thickness, diameter of the bore.
Metric and imperial specifications.

Field of application

Colour coding system
Red – colour used for grinding discs

Features
Some of our products come with additional characteristics. These are highlighted on the label.

Made in Germany
Stands for proven quality.
Our grinding discs are primarily produced and tested in Germany.

max. speed

max. circumferential speed

EAN code

Product safety
Our products meet the highest safety requirements and standards:
EN 12413 – Grinding discs
oSa – Organization for the Safety of Abrasives

Expiry date (quarter/year)

Quality line

Safety information

- Observe instructions
- Use safety goggles
- Use hearing protection equipment
- Wear dust mask
- Wear gloves
- Do not use product if damaged

Type designation

Consists of the following information in the case of grinding discs:

A/CS – Aluminium oxide/silicon carbide (abrasive grain for grinding metal/stone)

AZ – Zirconium corundum (abrasive grain for enhanced service life and grinding performance)

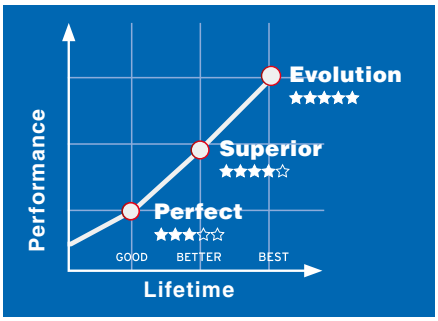
AK – Ceramic grain is the innovative abrasive grain for a maximum service life and incredible removal rates

24 – Refers to the size of the grit. The higher the number, the finer the grit.
E.g.: 24 coarse | 30 medium | 36 fine ...

V – This letter stands for the degree of hardness of the disc.
The higher the letter in the alphabet, the harder the disc.
E.g: Q soft | R medium hard | V hard

BF – Resin bond, reinforced with layers of glass fibre

QUALITY LINES
FOR EVERY REQUIREMENT



Three quality lines that follow the good-better-best principle

From solid craftsman's quality up to top-class, high-performance tools for intensive industrial use. We offer you just the right tool for every requirement.

All of our products conform to the relevant standards, achieve a high specific cutting performance and guarantee maximum safety.

★★★★★ Evolution

High-power tools with outstanding performance. For intensive professional use that subjects the tool to the highest quality requirements. Evolution products guarantee maximum removal rates and an outstanding service life.
You'll recognise the Evolution Line by its label with five stars.



★★★★☆ Superior / Special

Premium tools for professional users. Effective, durable and cost-effective. Impresses during daily use thanks to its high removal rates and long service life. You'll recognise the Superior Line by its label with four stars.



★★★☆☆ Perfect

The cutting disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good cutting rate at an attractive price.



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

APPLICATION TABLE GRINDING DISCS

Metal grinding discs

●● very suitable
● suitable
◒ limited suitability

	Page	Unalloyed and alloyed construction steel	Very solid construction steel	Tool steel	High-alloy special steel	Steel sheet	Stainless steel sheet	Welded seams	Cast iron	Non-ferrous metals
Grinding discs for steel										
A 30 T Perfect	63	●●	◒	◒		●		◒	◒	◒
AS 30 R Superior	64	●●	●●	●●		●		●●	●	●
AS 24/30 T Superior	64	●●	●	●		●●		●●	◒	●
Grinding discs for stainless steel / steel										
AS 30 S INOX Superior	65	●	●	●	●●	●	●●	●	●	◒
AS 30 T INOX Superior	65	●	●	●●	●●	●	●●	●●	●	◒
AZ 30 S Evolution	66	●●	●	●●	●●	●	●●	●●	●●	●
AZ 30 T Evolution	66	●●	●	●●	●●	●	●●	●●	●●	●
AK 36 T Evolution CeraMaxx	67	●●	●●	●●	●●	●●	●●	●●	●●	●
AK 24 V Evolution CeraMaxx	68	●●	●●	●●	●●	●●	●●	●●	●●	●
Grinding discs for cast iron										
AS 24 S Cast Iron Superior	69	◒				◒			●●	●●
Grinding discs for aluminium										
AS 46 Alu Superior	<?>	◒				◒			●	●●
Mini grinding discs										
AS 46 T Mini Superior	71	●	●	●	◒	●	◒	◒	◒	◒

Stone grinding discs

●● very suitable
● suitable
◒ limited suitability

	Page	Concrete	Granite	Sand-lime brick	Clinker brick	Marble	Porcelain	Fireproof clay	Slate	Terrazzo	Clay pipes	Exposed aggregate concrete
Grinding discs for stone												
CS 30 S Superior	72	●●	●	●●	●	●	●	●	●	●	●	●



XLOCK This item is also available with the X-LOCK adapter

A 30 T

Perfect ★★★☆☆

Good all-purpose grinding disc with good service life.

Field of application: For sheet steel, structural steel and welding seams.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15300	10		**3106 040 100**		300024
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 040 100**		310023
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 040 100**		320022
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 040 100**		330021
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 041 100**		340020
180 x 8 x 22.23	7 x 5/16 x 7/8	8500	10		**3188 040 100**		340082
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 041 100**		350029
230 x 8 x 22.23	9 x 5/16 x 7/8	6650	10		**3238 040 100**		350067
			Bosch quick-mount X-LOCK				
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13300	25		**3916 040 100**		310153
125 x 6 x 22,23	5 x 1/4 x 7/8	12250	25		**3926 040 100**		320053

Flat X-LOCK grinding discs!

- Flat Osborn X-LOCK grinding discs make working more comfortable.
- Due to the missing spindle mount of the X-LOCK angle grinder, there is no danger of scratching the workpiece during machining.
- The innovative X-LOCK system meets the highest quality and safety standards.
- Flat X-LOCK grinding discs are not suitable for conventional angle grinders.



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

GRINDING DISCS



AS 30 R

Superior ★★★★☆

Very good grinding disc with particularly long service life.

Field of application: For all types of structural and tool steels, welding seams, cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 500 100**		313000
125 x 4 x 22.23	5 x 5/32 x 7/8	12250	10		**3124 500 100**		323016
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 500 100**		323009
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 500 100**		333008
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 500 100**		343014
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 500 100**		353006



AS 24/30 T

Superior ★★★★☆

Good all-purpose grinding disc with very long service life.

- Medium-hard bond for easy grinding
- High rate of removal
- Very long service life

Field of application: For high-strength construction steel, tool steel, high-speed steel and sheet steel.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 520 100**		313055
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 520 100**		323047
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 520 100**		333046
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 520 100**		343052
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 520 100**		353068



XLOCK This item is also available with the X-LOCK adapter

AS 30 S INOX

Superior ★★★★☆

Medium-hard special grinding disc with high grinding performance on stainless steel surfaces.

- Medium-hard bond
- High rate of material removal
- Iron- and sulphur-free

Field of application: For rust- and acid-resistant steels, high-alloy stainless steels, stainless steel sheeting.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15300	10		**3106 540 100**		303063
115 x 4 x 22.23	4 1/2 x 5/32 x 7/8	13300	10		**3114 540 100**		313093
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 540 100**		313062
125 x 4 x 22.23	5 x 5/32 x 7/8	12250	10		**3124 540 100**		323030
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 540 100**		323061
150 x 4 x 22.23	6 x 5/32 x 7/8	10200	10		**3154 540 100**		333053
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 540 100**		333060
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 540 100**		343090
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 540 100**		353051
			Bosch quick-mount X-LOCK				
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13300	25		**3916 540 100**		313086
125 x 6 x 22,23	5 x 1/4 x 7/8	12250	25		**3926 540 100**		320312



AS 30 T INOX

Superior ★★★★☆

Our premium grinding disc for stainless steel applications.

- Extremely long service life
- Very good removal rate
- Comfortable to use, minimised vibrations
- No clogging – no rattling
- Iron- and sulphur-free

Field of application: For rust- and acid-resistant steels, high-alloy stainless steels, stainless steel sheeting.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 7 x 22.23	4 1/2 x 9/32 x 7/8	13300	10		**3117 545 100**		313307
125 x 7 x 22.23	5 x 9/32 x 7/8	12250	10		**3127 545 100**		323306
180 x 7 x 22.23	7 x 9/32 x 7/8	8500	10		**3187 545 100**		343304
230 x 7 x 22.23	9 x 9/32 x 7/8	6650	10		**3237 545 100**		353303

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AZ 30 S INOX

Evolution ★★★★★

Powerful, medium-hard grinding disc with zirconium corundum.

- Phenomenal removal rates with low contact pressure
- Particularly long service life
- Comfortable to use, minimised vibrations
- Iron- and sulphur-free

Field of application: For rust- and acid-resistant steels, high-alloy stainless steels, stainless steel sheeting, non-ferrous metals, cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 560 100**		313253
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 560 100**		323252
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 560 100**		333251
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 560 100**		343250
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 560 100**		353259



AZ 30 T INOX

Evolution ★★★★★

Grinding disc with 25% proportion of zirconium corundum.

- Extremely long service life
- High removal rates
- Attractive price-performance ratio
- Iron- and sulphur-free

Field of application: For rust- and acid-resistant steels, high-alloy stainless steels, non-ferrous metals, cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 550 100**		313215
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 550 100**		323214
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 550 100**		353266



AK 36 T CeraMaxx

Evolution ★★★★★

The new AK 36 T CeraMaxx is the first 3-mm high-performance grinding disc with ceramic grain that does not require any backing pad and can also be used as a full-fledged cutting disc. It stands out thanks to phenomenally enhanced performance levels with respect to service life, grinding performance and user comfort.

- Minimal effort = protects people and machines
- Aggressive material removal at all times = ultimate productivity
- Smooth running and streamlined = comfortable handling
- Cool grinding without blue discolouration = no reworking
- Outstanding service life = fewer tool changes
- Iron- and sulphur-free

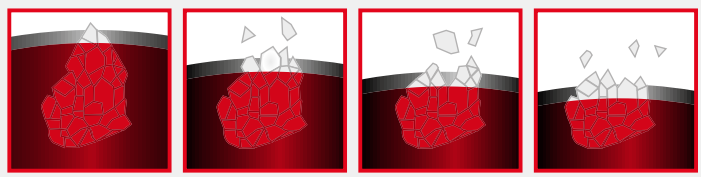
Field of application: This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel steel, non-ferrous metals. Ideal for users working in pipeline construction, shipyards, metal construction, foundries, commercial vehicle production, steel construction, plant engineering, crane construction and the manufacturing of building machines.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13300	10		**3113 551 100**		311112
125 x 3 x 22.23	5 x 1/8 x 7/8	12250	10		**3123 551 100**		320145

CeraMaxx

Our strongest discs with latest-generation ceramic abrasive grain and performance enhanced to the ultimate

CeraMaxx discs are among the fastest, most aggressive and durable on the market. They optimise the work process and save set-up time and labour costs while enhancing users' productivity and efficiency enormously.



The new bond technology and the micro-crystalline structure of the ceramic grain ensure that new, extremely sharp cutting edges are continually released in a targeted manner. This guarantees that the CeraMaxx cutting and grinding discs can always put in a top performance – from start to finish. For maximum cutting speed, removal rates and service life.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AK 24 V CeraMaxx

Evolution ★★★★★

The new AK24 V CeraMaxx high-performance grinding disc is 7 mm thick and offers increased productivity with up to three times greater material removal than standard discs on the market. Further highlights include maximum aggressiveness along with comfortable handling, enhanced efficiency thanks to incredible service life and outstanding performance with low contact pressure.

- Minimal effort = protects people and machines
- Aggressive material removal at all times = ultimate productivity
- Smooth running and streamlined = comfortable handling
- Cool grinding without blue discolouration = no reworking
- Outstanding service life = fewer tool changes
- Iron- and sulphur-free

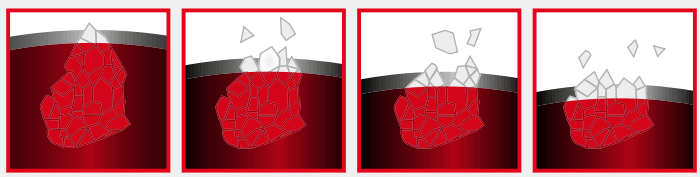
Field of application: This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel steel, non-ferrous metals. Ideal for users working in pipeline construction, shipyards, metal construction, foundries, commercial vehicle production, steel construction, plant engineering, crane construction and the manufacturing of building machines.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 7 x 22.23	4 1/2 x 9/32 x 7/8	13300	10		**3117 561 100**		313192
125 x 4 x 22.23	5 x 5/32 x 7/8	12250	10		**3124 560 100**		323191
125 x 7 x 22.23	5 x 9/32 x 7/8	12250	10		**3127 560 100**		323405
150 x 7 x 22.23	6 x 9/32 x 7/8	10200	10		**3157 560 100**		333084
180 x 7 x 22.23	7 x 9/32 x 7/8	8500	10		**3187 560 100**		343403
230 x 7 x 22.23	9 x 9/32 x 7/8	6650	10		**3237 561 100**		353211

CeraMaxx

Our strongest discs with latest-generation ceramic abrasive grain and performance enhanced to the ultimate

CeraMaxx discs are among the fastest, most aggressive and durable on the market. They optimise the work process and save set-up time and labour costs while enhancing users' productivity and efficiency enormously.



The new bond technology and the micro-crystalline structure of the ceramic grain ensure that new, extremely sharp cutting edges are continually released in a targeted manner. This guarantees that the CeraMaxx cutting and grinding discs can always put in a top performance – from start to finish. For maximum cutting speed, removal rates and service life.



AS 24 S CAST IRON

Superior ★★★★☆

Special grinding disc for the industrial processing of cast iron. The disc has been specially designed for high removal rates with an exceptionally good service life. Its vibration behaviour and user friendliness during prolonged use were also key aspects during the development of the disc. No clogging, no rattling – a special tool for special applications.

- High removal rate
- Exceptionally good service life
- Comfortable to use, minimised vibrations
- No clogging – no rattling

Field of application: Cast iron.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
180 x 7 x 22.23	7 x 9/32 x 7/8	8500	10		**3187 860 100**		343182
230 x 7 x 22.23	9 x 9/32 x 7/8	6650	10		**3237 860 100**		353181

Expert tip when using cast iron grinding discs

SiC cannot be used for grinding iron, as the iron reacts with the silicon carbide at high temperatures. Iron carbide forms, and the silicon carbide is converted into silicon. Iron carbide is hard, and the iron on the processing surface thus becomes harder. Silicon itself is a soft metal, so the abrasive grain becomes softer. While the reaction only occurs at high temperatures at the direct point of contact between the abrasive grain and the iron, it makes SiC unsuitable as an abrasive.

SiC is suitable for processing cast iron, as the carbon contained in the cast iron prevents it from being reduced to silicon.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



AS 46 ALU

Superior ★★★★☆

Special grinding disc for processing aluminium and non-ferrous metals.

- High removal rate
- Long service life
- No clogging

Field of application: Copper, aluminium alloys, brass, bronze.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 580 100**		313079
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 580 100**		323078
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		**3156 580 100**		333077
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 580 100**		343076
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 580 100**		353075



AS 46 T MINI

Superior ★★★★☆

Mini grinding discs for use on straight grinders, cylindrical grinders, angle grinders, flexible shaft machines and hand-held milling tools for grinding steel.
Please select the right bore.

- Good removal rate
- Good service life

Field of application: For all types of construction and tool steel, high-speed steel, sheet steel.

Ø in mm	Ø in inches	RPM min-1	PU	Shape	Item code	€ per pcs	EAN 4081600
60 x 6 x 6	2 3/8 x 1/4 x 1/4	25450	10		**6406 000 100**		642551
76 x 6 x 10	3 x 1/4 x 3/8	20100	10		**6407 600 100**		642742

Please note: Mini cutting discs can be found in the metal cutting discs section of the catalogue.



Tensioning shaft for mini grinding discs

Superior ★★★★☆

Tensioning shaft for attaching mini cutting and grinding discs on straight grinders, cylindrical grinders, flexible shaft machines, drilling machines and hand-held milling tools.

Ø in mm	Ø in inches	Dimension/piece	Contents/piece	Item code	€ per pcs	EAN 4081600
Tensioning shaft, 6 mm x M6	6 mm	1/4	1	**6400 001 100**		642575
Tensioning shaft, 6 mm x M10	6 mm	1/4	1	**6400 002 100**		642582

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

GRINDING DISCS



CS 30 S

Superior ★★★★☆

Medium-hard grinding disc for processing stone and concrete.

- Very good removal rate
- Long service life
- For edge and surface grinding

Field of application: For stone and concrete.

Ø in mm	Ø in inches	RPM min^{-1}	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13300	10		**3116 660 100**		313109
125 x 6 x 22.23	5 x 1/4 x 7/8	12250	10		**3126 660 100**		323108
180 x 6 x 22.23	7 x 1/4 x 7/8	8500	10		**3186 660 100**		343106
230 x 6 x 22.23	9 x 1/4 x 7/8	6650	10		**3236 660 100**		353105



Flap discs

General information 74

Flap discs with normal corundum 78

Flap discs with zirconium corundum 80

Flap discs with ceramic abrasive grain 88

Important info at a glance

OUR NEW PRODUCT LABELS

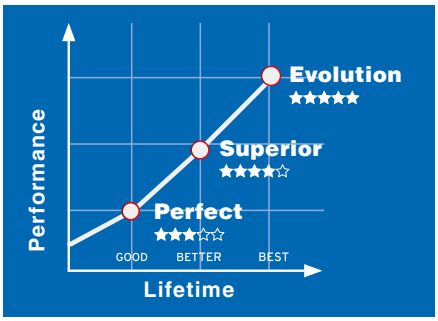
We have updated our range of flap discs and expanded it to include new, high-performance products. All Dronco product labels have received a new design. They now feature a fresh, clean design with user-friendly information, internationally recognised pictograms and more explicit labelling of the quality line. Instead of the Dronco logo, they now carry the Osborn trademark whilst retaining the renowned performance.

Our flap discs are manufactured on modern production lines in keeping with the latest safety standards according to EN 13 743 and oSa requirements.

DESCRIPTION



QUALITY LINES
FOR EVERY REQUIREMENT



Three quality lines that follow the good-better-best principle

From solid craftsman's quality up to top-class, high-performance tools for intensive industrial use. We offer you just the right tool for every requirement.

All of our products conform to the relevant standards, achieve a high specific cutting performance and guarantee maximum safety.

★★★★★ Evolution

High-power tools with outstanding performance. For intensive professional use that subjects the tool to the highest quality requirements. Evolution products guarantee maximum removal rates and an outstanding service life.
You'll recognise the Evolution Line by its label with five stars.



★★★★☆ Superior / Special

Premium tools for professional users. Effective, durable and cost-effective. Impresses during daily use thanks to its high removal rates and long service life. You'll recognise the Superior Line by its label with four stars.



★★★☆☆ Perfect

The cutting disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good cutting rate at an attractive price.

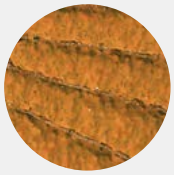


Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

OPTIMISED ABRASIVE CLOTH

Our flap discs are produced using abrasive cloths that have been specially developed for this purpose. In addition to traditional normal corundum cloth, three types of zirconium abrasive cloth and two types of ceramic grain abrasive cloth with various performance levels are used.

Ceramic grain abrasive cloth



CERA MAXX

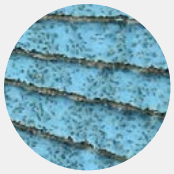
High-tech abrasive cloth with self-sharpening ceramic abrasive grain in an innovative bond system. Significantly higher aggressiveness with noticeably less wear guarantee a maximum removal rate, particularly for edge grinding, and an excellent service life. An additional top coat results in cooler grinding and reduces discolourations on tool surfaces. Robust polyester cloth for demanding grinding tasks on stainless steel and steel with a high level of surface quality.



CERA PLUS

High-quality abrasive cloth with permanently self-sharpening ceramic abrasive grain. Guarantees an outstanding removal rate and a long service life. Cool grinding on surfaces and edges. Reduces discolourations on the tool surface. Robust polyester cloth for demanding grinding tasks on stainless steel and steel with a high level of surface quality.

Zirconium abrasive cloth



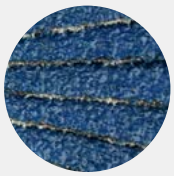
ZIRCON MAXX

High-tech zirconium cloth with an innovative bond system. This abrasive band offers an outstanding removal rate and a significantly longer lifetime in comparison to conventional zirconium products. An additional top coat enables cool grinding and reduces discolourations on the tool surface. Robust polyester cloth for demanding grinding tasks on stainless steel and steel. Particularly suitable for edge grinding.



ZIRCON PLUS
ZIRCON FLX
ZIRCON SPEED

Top-quality zirconium abrasive cloth Robust cotton-polyester backing for the very best results on surfaces and edges. For stainless steel and steel. This abrasive cloth stands out thanks to its very good service life and well-balanced grinding properties.



ZIRCON JUMBO
ZIRCON POWER
ZIRCON TRIM

Zirconium abrasive cloth on a cotton-polyester backing with a good removal rate. Equally suitable for use on edges and surfaces. For stainless steel and steel. This abrasive band distinguishes itself thanks to its good grinding performance and a good service life.

Aluminium oxide abrasive cloth



ALOX POWER
ALOX GRIND+
FINISH

Abrasive cloth with aluminium oxide abrasive grain – proven a million times over. The tough, hard abrasive grain enables a good removal rate, particularly for surface grinding and deburring. Good service life. For processing steel and wood. This abrasive band distinguishes itself thanks to an even grinding finish.

APPLICATION TABLE FLAP DISCS

●●● extremely suitable
●● very suitable
● suitable

	Page	Unalloyed and alloyed construction steel	Very solid construction steel	Tool steel	High alloy special steel	Steel sheet	Stainless steel sheet	Welding seams	Cast iron	Non-ferrous metals	Wood	Plastic
Flap discs normal corundum												
Perfect ALOX POWER	78	●●	●●	●●	●	●●		●	●	●	●	●
Evolution ALOX GRIND + FINISH	79	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
Flap discs zirconium corundum												
Perfect ZIRCON POWER	80	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
Perfect ZIRCON TRIM	82	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
Perfect ZIRCON JUMBO	83	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
Superior ZIRCON PLUS	84	●●	●●	●●	●●	●●●	●●●	●●	●●●	●	●	●
Superior ZIRCON PRIME G-AZ	85	●●	●●	●●	●●	●●●	●●●	●●	●●●	●	●	●
Evolution ZIRCON SPEED	86	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
Evolution ZIRCON FLX	87	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
Evolution ZIRCON MAXX	15	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●
Flap discs ceramic grain												
Superior CERA PLUS	90	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●
Evolution CERA MAXX	91	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

FLAP DISCS

Flap discs with normal corundum



ALOX POWER

Perfect ★★★☆☆

Cost-effective product for processing steel and wood.

A tough, hard abrasive grain enables good removal rates, particularly when grinding surfaces. The glass fibre backing is characterised by an even grinding finish until the abrasive grain is completely consumed. No scratches appear on the workpiece.

- Quick machining
- Fine surface structure
- Good lifetime

Field of application: For processing steel, wood and plastic.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 004 100**		565300
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 006 100**		565317
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 007 100**		565324
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5231 009 100**		565331
125 x 22,23	5 x 7/8	12250	40	10		**5232 004 100**		565508
125 x 22,23	5 x 7/8	12250	60	10		**5232 006 100**		565515
125 x 22,23	5 x 7/8	12250	80	10		**5232 007 100**		565522
125 x 22,23	5 x 7/8	12250	120	10		**5232 009 100**		565539
180 x 22,23	7 x 7/8	8500	40	10		**5238 004 100**		565706
180 x 22,23	7 x 7/8	8500	60	10		**5238 006 100**		565713
180 x 22,23	7 x 7/8	8500	80	10		**5238 007 100**		565720
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 204 100**		565409
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 206 100**		565416
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 207 100**		565423
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5231 209 100**		565430
125 x 22,23	5 x 7/8	12250	40	10		**5232 204 100**		565607
125 x 22,23	5 x 7/8	12250	60	10		**5232 206 100**		565614
125 x 22,23	5 x 7/8	12250	80	10		**5232 207 100**		565621
125 x 22,23	5 x 7/8	12250	120	10		**5232 209 100**		565638
180 x 22,23	7 x 7/8	8500	40	10		**5238 204 100**		565805
180 x 22,23	7 x 7/8	8500	60	10		**5238 206 100**		565812
180 x 22,23	7 x 7/8	8500	80	10		**5238 207 100**		565829



ALOX GRIND+FINISH

Evolution ★★★★★

Innovative flap disc with a combination of flaps made of aluminium oxide abrasive cloth and polishing fleece.

This lets you complete two work steps in one process and saves time. Material removal and simultaneous surface finishing with a very good result. Optimal and cost-effective at the same time. Available in three combinations: Grit 60 + polishing fleece coarse, grit 80 + polishing fleece medium, grit 120 + polishing fleece fine.

- Combined abrasives
- Welding seam processing and coarse surface finishing in a single process
- Removal of inclusions (nicks, scratches) and simultaneous surface finishing
- Removal of burrs after plasma and laser cutting
- Preserves the shape of the workpiece during removal (tubes, railings)
- Rapid work progress
- Substantial time savings
- Visible matte polishing finish

Field of application: For processing stainless steel, steel, aluminium and non-ferrous metals.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	60 + coarse	10		**5251 704 100**		565119
115 x 22,23	4 1/2 x 7/8	13300	80 + medium	10		**5251 706 100**		565126
115 x 22,23	4 1/2 x 7/8	13300	120 + fine	10		**5251 707 100**		565133
125 x 22,23	5 x 7/8	12250	60 + coarse	10		**5252 704 100**		565218
125 x 22,23	5 x 7/8	12250	80 + medium	10		**5252 706 100**		565225
125 x 22,23	5 x 7/8	12250	120 + fine	10		**5252 707 100**		565232

Three different combinations



60 + coarse



80 + medium



120 + fine



Removal of welding seams and attractive finish in a single process

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

FLAP DISCS

Flap discs with zirconium corundum



ZIRCON POWER

Perfect ★★★☆☆

All-round flap disc with zirconium corundum band on a cotton polyester cloth. Good removal rate and service life.

- Ideal for surface grinding on steel and stainless steel
- High removal rate and effortless work without clogging
- The glass fibre backing is characterised by an even grinding finish until the abrasive grain is completely consumed. No scratches appear on the workpiece.

Field of application: For processing stainless steel and steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 184 100**		560404
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 186 100**		560411
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 187 100**		560428
125 x 22,23	5 x 7/8	12250	40	10		**5232 184 100**		560602
125 x 22,23	5 x 7/8	12250	60	10		**5232 186 100**		560619
125 x 22,23	5 x 7/8	12250	80	10		**5232 187 100**		560626
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 384 100**		560503
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 386 100**		560510
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 387 100**		560527
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5231 389 100**		560534
125 x 22,23	5 x 7/8	12250	40	10		**5232 384 100**		560701
125 x 22,23	5 x 7/8	12250	60	10		**5232 386 100**		560718
125 x 22,23	5 x 7/8	12250	80	10		**5232 387 100**		560725
125 x 22,23	5 x 7/8	12250	120	10		**5232 389 100**		560732
180 x 22,23	7 x 7/8	8500	40	10		**5238 384 100**		560800
180 x 22,23	7 x 7/8	8500	60	10		**5238 386 100**		560817
180 x 22,23	7 x 7/8	8500	80	10		**5238 387 100**		560824



ZIRCON POWER X-LOCK

Perfect ★★★☆☆

All-round flap disc with X-LOCK adapter. Zirconium corundum band on a cotton polyester cloth. Good removal rate and service life.

- Ideal for surface grinding on steel and stainless steel
- High removal rate and effortless work without clogging
- The glass fibre backing is characterised by an even grinding finish until the abrasive grain is completely consumed. No scratches appear on the workpiece.

Field of application: For processing stainless steel and steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5931 184 100**		560459
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5931 186 100**		560466
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5931 187 100**		560473
125 x 22,23	5 x 7/8	12250	40	10		**5932 184 100**		560657
125 x 22,23	5 x 7/8	12250	60	10		**5932 186 100**		560664
125 x 22,23	5 x 7/8	12250	80	10		**5932 187 100**		560671
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5931 384 100**		560558
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5931 386 100**		560565
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5931 387 100**		560572
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5931 389 100**		560589
125 x 22,23	5 x 7/8	12250	40	10		**5932 384 100**		560756
125 x 22,23	5 x 7/8	12250	60	10		**5932 386 100**		560763
125 x 22,23	5 x 7/8	12250	80	10		**5932 387 100**		560770
125 x 22,23	5 x 7/8	12250	120	10		**5932 389 100**		560787



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Flap discs with zirconium corundum



ZIRCON TRIM

Perfect ★★★☆☆

Flap disc with a glass fibre reinforced, trimmable plastic backing. Newly developed zirconium abrasive band with very good removal rate and service life. Does not leave any scratches or abrasions on the workpiece.

- Trimmable plastic backing does not leave any scratches or abrasion on the workpiece
- Very robust, glass fibre reinforced plastic backing
- Very good removal rate
- Very good service life

Field of application: For surface and edge grinding of stainless steel and steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5131 184 100**		560909
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5131 186 100**		560916
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5131 187 100**		560923
125 x 22,23	5 x 7/8	12250	40	10		**5132 184 100**		561505
125 x 22,23	5 x 7/8	12250	60	10		**5132 186 100**		561012
125 x 22,23	5 x 7/8	12250	80	10		**5132 187 100**		561029



ZIRCON TRIM X-LOCK

Perfect ★★★☆☆

Flap disc with a glass fibre reinforced, trimmable plastic backing and X-LOCK adapter.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5831 184 100**		560954
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5831 186 100**		560961
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5831 187 100**		560978
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5831 189 100**		560985
125 x 22,23	5 x 7/8	12250	40	10		**5832 184 100**		561050
125 x 22,23	5 x 7/8	12250	60	10		**5832 186 100**		561067
125 x 22,23	5 x 7/8	12250	80	10		**5832 187 100**		561074
125 x 22,23	5 x 7/8	12250	120	10		**5832 189 100**		561081



ZIRCON JUMBO

Perfect ★★★☆☆

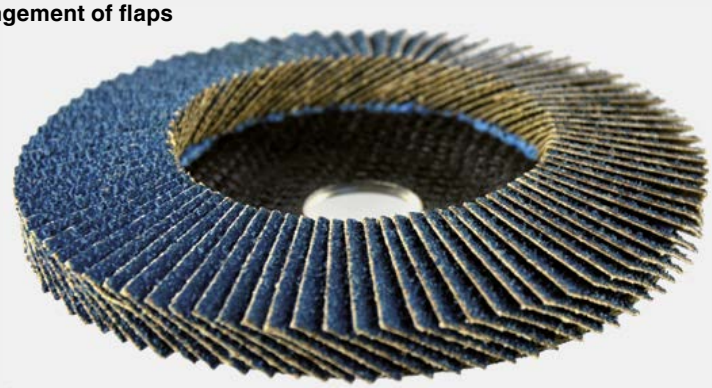
All-round flap disc with especially high number of flaps in a steep arrangement ensures higher grinding performance and comfortable handling. Equipped with zirconium corundum band on a cottonpolyester cloth. Very good removal rate with excellent service life.

- Very long service life thanks to significantly higher number of flaps
- Extra-long, closely overlapping flaps
- Ideal for flat and surface grinding on steel and stainless steel
- High removal rate and effortless work without clogging
- Low-vibration work thanks to high volume of layers
- Very good surface quality on workpiece

Field of application: For processing stainless steel, steel and non-ferrous metals.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 164 100**		560008
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 166 100**		560015
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 167 100**		560022
125 x 22,23	5 x 7/8	12250	40	10		**5232 164 100**		560206
125 x 22,23	5 x 7/8	12250	60	10		**5232 166 100**		560213
125 x 22,23	5 x 7/8	12250	80	10		**5232 167 100**		560220
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5231 364 100**		560107
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5231 366 100**		560114
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5231 367 100**		560121
125 x 22,23	5 x 7/8	12250	40	10		**5232 364 100**		560305
125 x 22,23	5 x 7/8	12250	60	10		**5232 366 100**		560312
125 x 22,23	5 x 7/8	12250	80	10		**5232 367 100**		560329

Higher number of flaps – steeper arrangement of flaps



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Flap discs with zirconium corundum



ZIRCON PLUS

Superior ★★★★☆

Top-quality zirconium flap disc. Well-suited for deburring, processing welding seams and surface grinding.

Very balanced and universally applicable flap disc with brilliant removal rate and outstanding service life. For processing steel and stainless steel. A true four-star all-round disc.

- Ideal for processing edges
- Also very good for surface grinding
- Outstanding grinding performance with superior lifetime
- High removal rate and effortless work without clogging
- Very good surface quality on workpiece

Field of application: For processing stainless steel, steel, cast iron, among others.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5241 104 100**		561104
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5241 106 100**		561111
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5241 107 100**		561128
125 x 22,23	5 x 7/8	12250	40	10		**5242 104 100**		561302
125 x 22,23	5 x 7/8	12250	60	10		**5242 106 100**		561319
125 x 22,23	5 x 7/8	12250	80	10		**5242 107 100**		561326
180 x 22,23	7 x 7/8	8500	40	10		**5248 104 100**		561500
180 x 22,23	7 x 7/8	8500	60	10		**5248 106 100**		561517
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5241 304 100**		561203
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5241 306 100**		561210
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5241 307 100**		561227
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5241 309 100**		561234
125 x 22,23	5 x 7/8	12250	40	10		**5242 304 100**		561401
125 x 22,23	5 x 7/8	12250	60	10		**5242 306 100**		561418
125 x 22,23	5 x 7/8	12250	80	10		**5242 307 100**		561425
125 x 22,23	5 x 7/8	12250	120	10		**5242 309 100**		561432
180 x 22,23	7 x 7/8	8500	40	10		**5248 304 100**		561609
180 x 22,23	7 x 7/8	8500	60	10		**5248 306 100**		561616



ZIRCON PRIME G-AZ

Superior ★★★★☆

Special flap disc with zirconium corundum. This abrasive grain cloth is less hard, but very tough, and gives the disc very good all purpose characteristics.

- Robust abrasive belt for high demands
- Brilliant grinding capacity
- Outstanding service
- It is used for such demanding operations as deburring, machining welding seams and breaking edges.
- The glass fibre backing is characterised by an even grinding finish until all of the abrasive grain has been worn away. Leaves no scratches on the workpiece.

Field of application: For processing stainless steel, steel, cast iron, among others.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5211 104 100**		511505
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5211 106 100**		511512
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5211 107 100**		511529
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5211 109 100**		511543
125 x 22,23	5 x 7/8	12250	40	10		**5212 104 100**		521504
125 x 22,23	5 x 7/8	12250	60	10		**5212 106 100**		521511
125 x 22,23	5 x 7/8	12250	80	10		**5212 107 100**		521528
125 x 22,23	5 x 7/8	12250	120	10		**5212 109 100**		521542
180 x 22,23	7 x 7/8	8500	40	10		**5218 104 100**		541502
180 x 22,23	7 x 7/8	8500	60	10		**5218 106 100**		541519
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5211 304 100**		511109
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5211 306 100**		511116
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5211 307 100**		511123
115 x 22,23	4 1/2 x 7/8	13300	120	10		**5211 309 100**		511147
125 x 22,23	5 x 7/8	12250	40	10		**5212 304 100**		521207
125 x 22,23	5 x 7/8	12250	60	10		**5212 306 100**		521214
125 x 22,23	5 x 7/8	12250	80	10		**5212 307 100**		521221
125 x 22,23	5 x 7/8	12250	120	10		**5212 309 100**		521269
180 x 22,23	7 x 7/8	8500	40	10		**5218 304 100**		541014
180 x 22,23	7 x 7/8	8500	60	10		**5218 306 100**		541021

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Flap discs with zirconium corundum



ZIRCON SPEED

Evolution ★★★★★

Premium flap disc with backing plate made of glass fibre reinforced plastic with M14 thread.

The zirconium abrasive cloth optimised for performance and a high number of flaps enable a high removal rate and an especially long service life. The special plastic backing allows cool grinding and quick tool changes.

- Quick to install thanks to the integrated M14 adapter – this saves set-up time
- Active cooling of the workpiece thanks to cooling slots in the backing plate
- Aggressive disc with high removal rate on edges and surfaces
- Significantly increased service life in comparison to previous Jet flap disc

Field of application: Top performance on stainless steel and steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x M14	4 1/2 x M14	13300	40	10		**5151 154 100**		563504
115 x M14	4 1/2 x M14	13300	60	10		**5151 156 100**		563511
115 x M14	4 1/2 x M14	13300	80	10		**5151 157 100**		563528
125 x M14	5 x M14	12250	40	10		**5152 154 100**		563603
125 x M14	5 x M14	12250	60	10		**5152 156 100**		563610
125 x M14	5 x M14	12250	80	10		**5152 157 100**		563627



Saves set-up time thanks to the integrated M14 adapter



ZIRCON FLX

Evolution ★★★★★

FLX stands for maximum flexibility in terms of application.
Offset arrangement of protruding flaps made of zirconium cloth simplify the processing of difficult-to-reach areas.

- Outstanding removal rate with excellent service life
- Flexible application – ideal for difficult-to-reach spots, such as fillet welds
- Broad spectrum of applications (surface processing, preparing welding seams, cleaning and processing surfaces and contours (tubes, railings, etc.), removing rust and paint)

Field of application: Top performance on stainless steel and steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5251 604 100**		564907
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5251 606 100**		564914
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5251 607 100**		564921
125 x 22,23	5 x 7/8	12250	40	10		**5252 604 100**		565003
125 x 22,23	5 x 7/8	12250	60	10		**5252 606 100**		565010
125 x 22,23	5 x 7/8	12250	80	10		**5252 607 100**		565027

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Flap discs with zirconium corundum



ZIRCON MAXX

Evolution ★★★★★

Premium product with new high-tech zirconium abrasive cloth and additives that actively support grinding. Additional top coat for particularly cool grinding. The innovative abrasive band enables an extremely high removal rate for edge grinding and guarantees a longservice life.

- Superior removal rate on edges and hard steel
- Good removal for surface grinding
- Substantial time savings
- Clear plus in terms of service life
- Highly resilient thanks to robust abrasive cloth
- Extra-cool grinding thanks to additional top coat
- Reduces thermal discolouration on the workpiece

Field of application: For processing high alloy, martensitic steel, titanium, malleable cast iron, wrought iron, nickelcobalt alloys, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for grinding edges of steel or stainless steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5251 104 100**		563702
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5251 106 100**		563719
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5251 107 100**		563726
125 x 22,23	5 x 7/8	12250	40	10		**5252 104 100**		563900
125 x 22,23	5 x 7/8	12250	60	10		**5252 106 100**		563917
125 x 22,23	5 x 7/8	12250	80	10		**5252 107 100**		563924
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5251 304 100**		563801
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5251 306 100**		563818
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5251 307 100**		563825
125 x 22,23	5 x 7/8	12250	40	10		**5252 304 100**		564402
125 x 22,23	5 x 7/8	12250	60	10		**5252 306 100**		564419
125 x 22,23	5 x 7/8	12250	80	10		**5252 307 100**		564426



ZIRCON MAXX X-LOCK

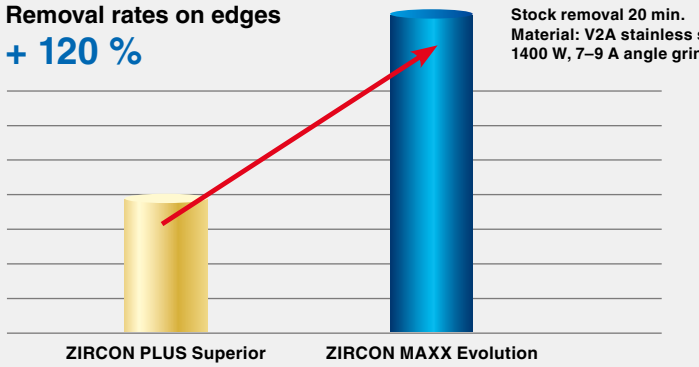
Evolution ★★★★★

High-End Flap disc with a glass fibre reinforced, trimmable plastic backing and X-LOCK adapter.

- Superior removal rate on edges and hard steel
- Good removal for surface grinding
- Substantial time savings
- Clear plus in terms of service life
- Highly resilient thanks to robust abrasive cloth
- Extra-cool grinding thanks to additional top coat
- Reduces thermal discolouration on the workpiece

Field of application: For processing high alloy, martensitic steel, titanium, malleable cast iron, wrought iron, nickelcobalt alloys, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for grinding edges of steel or stainless steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5851 304 100**		563757
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5851 306 100**		563764
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5851 307 100**		563771
125 x 22,23	5 x 7/8	12250	40	10		**5852 304 100**		563955
125 x 22,23	5 x 7/8	12250	60	10		**5852 306 100**		563962
125 x 22,23	5 x 7/8	12250	80	10		**5852 307 100**		563979



Results in Dronco test lab. Removal values depend to a significant extent on the person performing the test, the angle grinder and workpiece, and may vary.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

FLAP DISCS

Flap discs with ceramic abrasive grain



XLOCK This item is also available with the X-LOCK adapter

CERA PLUS

Superior ★★★★☆

Flap disc with self-sharpening ceramic grain, which permanently enables an extremely high removal rate and guarantees a long service life.

The robust polyester backing and a full resin bond with additives that actively support grinding guarantee that the abrasive grain on the backing remains resistant to wear, even under high stress. This makes CERA PLUS ideal for extreme grinding work or demanding special tasks.

- Extremely aggressive removal rate with a minimum of effort
- Substantial time savings
- Clear plus in terms of service life
- Highly resilient
- Self-sharpening
- Cool grinding on surfaces and edges
- Reduces thermal discolouration on the workpiece

Field of application: For processing high alloy steel, titanium alloys, nickel-base alloys, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for surface and edge grinding of steel or stainless steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5241 434 100**		561708
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5241 436 100**		561715
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5241 437 100**		561722
125 x 22,23	5 x 7/8	12250	40	10		**5242 434 100**		561906
125 x 22,23	5 x 7/8	12250	60	10		**5242 436 100**		561913
125 x 22,23	5 x 7/8	12250	80	10		**5242 437 100**		561920
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5241 444 100**		561807
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5241 446 100**		561814
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5241 447 100**		561821
125 x 22,23	5 x 7/8	12250	40	10		**5242 444 100**		562002
125 x 22,23	5 x 7/8	12250	60	10		**5242 446 100**		562019
125 x 22,23	5 x 7/8	12250	80	10		**5242 447 100**		562026
			Bosch quick-mount X-LOCK					
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5941 444 100**		561753
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5941 446 100**		561760
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5941 447 100**		561777
125 x 22,23	5 x 7/8	12250	40	10		**5942 444 100**		562057
125 x 22,23	5 x 7/8	12250	60	10		**5942 446 100**		562064
125 x 22,23	5 x 7/8	12250	80	10		**5942 447 100**		562071



X-LOCK This item is also available with the X-LOCK adapter. Please look on the following page

CERA MAXX

Evolution ★★★★★

Premium product with self-sharpening ceramic grain and additives that actively support grinding. Additional top coat for particularly cool grinding and improved level of surface quality. This innovative abrasive band impresses thanks to a permanently available aggressive removal rate and incredibly long lifetime. The ultimate for demanding grinding work on high alloy or heat-sensitive steel.

- Extremely aggressive removal rate
- Comfortable handling thanks to low contact pressure
- Particularly cool grinding due to additional top coat
- Reduces thermal discolouration on the workpiece
- Ensures a high level of surface quality
- Top results on edges: up to 40% higher removal rate for edge grinding
- Substantial time savings
- A clear plus in terms of service life – significantly more removal with one disc
- Highly resilient

Field of application: For processing high alloy, martensitic steel, heat-sensitive steel, wrought iron, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for surface and edge grinding of steel or stainless steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5251 434 100**		564501
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5251 436 100**		564518
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5251 437 100**		564525
125 x 22,23	5 x 7/8	12250	40	10		**5252 434 100**		564709
125 x 22,23	5 x 7/8	12250	60	10		**5252 436 100**		564716
125 x 22,23	5 x 7/8	12250	80	10		**5252 437 100**		564723
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5251 444 100**		564600
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5251 446 100**		564617
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5251 447 100**		564624
125 x 22,23	5 x 7/8	12250	40	10		**5252 444 100**		564808
125 x 22,23	5 x 7/8	12250	60	10		**5252 446 100**		564815
125 x 22,23	5 x 7/8	12250	80	10		**5252 447 100**		564822

Removal rate on surfaces
+ 30 %

Stock removal 20 min.
Material: V2A stainless steel
1400 W, 7–9 A angle grinder

Removal rate on edges
+ 40 %



Results in Dronco test lab. Removal values depend to a significant extent on the person performing the test, the angle grinder and workpiece, and may vary.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Flap discs with ceramic abrasive grain



CERA MAXX X-LOCK

Evolution ★★★★★

High-End Flap disc with a glass fibre reinforced, trimmable plastic backing and X-LOCK adapter.

- Extremely aggressive removal rate
- Comfortable handling thanks to low contact pressure
- Particularly cool grinding due to additional top coat
- Reduces thermal discolouration on the workpiece
- Ensures a high level of surface quality
- Top results on edges: up to 40% higher removal rate for edge grinding
- Substantial time savings
- A clear plus in terms of service life – significantly more removal with one disc
- Highly resilient

Field of application: For processing high alloy, martensitic steel, heat-sensitive steel, wrought iron, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal constructions. Outstanding results for surface and edge grinding of steel or stainless steel.

Ø in mm	Ø in Inch	RPM min^{-1}	Grit	PU	Shape	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	40	10		**5851 444 100**		564556
115 x 22,23	4 1/2 x 7/8	13300	60	10		**5851 446 100**		564563
115 x 22,23	4 1/2 x 7/8	13300	80	10		**5851 447 100**		564570
125 x 22,23	5 x 7/8	12250	40	10		**5852 444 100**		564754
125 x 22,23	5 x 7/8	12250	60	10		**5852 446 100**		564761
125 x 22,23	5 x 7/8	12250	80	10		**5852 447 100**		564778



Abrasives

Fibre discs for use on angle grinders	94
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1-2-3-4 system for sanding bodywork	105

Fibre discs for use on angle grinders



FIBER A

Perfect ★★★☆☆

Fibre discs with normal corundum for mechanical processing of metals.

- High removal rates
- Good service life
- PLEASE NOTE: A backing pad is required for mounting the disc on the angle grinder!

Field of application: For processing metal and cast iron. Also suitable for wood.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
A 16 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 000 000**		601008
A 16 Fiber	125 x 22	5 x 7/8	25	**6012 000 000**		602005
A 16 Fiber	180 x 22	7 x 7/8	25	**6018 000 000**		604009
A 24 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 001 000**		601015
A 24 Fiber	125 x 22	5 x 7/8	25	**6012 001 000**		602012
A 24 Fiber	180 x 22	7 x 7/8	25	**6018 001 000**		604016
A 36 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 003 000**		601039
A 36 Fiber	125 x 22	5 x 7/8	25	**6012 003 000**		602036
A 36 Fiber	180 x 22	7 x 7/8	25	**6018 003 000**		604030
A 40 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 004 000**		601046
A 40 Fiber	125 x 22	5 x 7/8	25	**6012 004 000**		602043
A 40 Fiber	180 x 22	7 x 7/8	25	**6018 004 000**		604047
A 50 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 005 000**		601053
A 50 Fiber	125 x 22	5 x 7/8	25	**6012 005 000**		602050
A 60 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 006 000**		601060
A 60 Fiber	125 x 22	5 x 7/8	25	**6012 006 000**		602067
A 60 Fiber	180 x 22	7 x 7/8	25	**6018 006 000**		604061
A 80 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 007 000**		601077
A 80 Fiber	125 x 22	5 x 7/8	25	**6012 007 000**		602074
A 80 Fiber	180 x 22	7 x 7/8	25	**6018 007 000**		604078
A 100 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 008 000**		601084
A 100 Fiber	125 x 22	5 x 7/8	25	**6012 008 000**		602081
A 100 Fiber	180 x 22	7 x 7/8	25	**6018 008 000**		604085
A 120 Fiber	115 x 22	4 1/2 x 7/8	25	**6011 009 000**		601091
A 120 Fiber	125 x 22	5 x 7/8	25	**6012 009 000**		602098
A 120 Fiber	180 x 22	7 x 7/8	25	**6018 009 000**		604092

Please see the following pages for the right backing pad.

Did you know …

Fibre discs are highly suitable for all types of grinding work. They stand out for their high removal rates and long service life. Matching backing pads complete the range.



FIBER AZ

Superior ★★★★☆

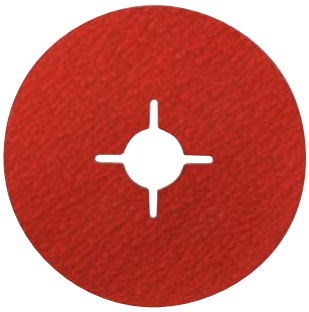
High-performance fibre disc with zirconium corundum for processing stainless steel.

- High removal rates
- Very good service life
- PLEASE NOTE: A backing pad is required for mounting the disc on the angle grinder!

Field of application: For processing stainless steel and steel.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
AZ 36 Fiber	125 x 22	5 x 7/8	25	**6722 333 000**		674859
AZ 50 Fiber	125 x 22	5 x 7/8	25	**6722 335 000**		674866
AZ 60 Fiber	125 x 22	5 x 7/8	25	**6722 336 000**		674873
AZ 80 Fiber	125 x 22	5 x 7/8	25	**6722 337 000**		674880

Please see the following pages for the right backing pad.



FIBER AK

Evolution ★★★★★

High-performance fibre disc with self-sharpening ceramic grain and active additives for continuously aggressive removal rates together with a long service life.

- Aggressive removal rates
- Self-sharpening ceramic grain
- Very good service life
- PLEASE NOTE: A backing pad is required for mounting the disc on the angle grinder!

Field of application: For surface grinding stainless steel, chromium steel, chrome-nickel steel, high-alloy steels, titanium alloys, brass and bronze.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
AK 36+ Fiber	115 x 22.23	4 1/2 x 7/8	25	**6011 814 000**		601718
AK 36+ Fiber	125 x 22.23	5 x 7/8	25	**6012 814 000**		602715
AK 60 Fiber	115 x 22.23	4 1/2 x 7/8	25	**6011 816 000**		601732
AK 60 Fiber	125 x 22.23	5 x 7/8	25	**6012 816 000**		602739
AK 80 Fiber	115 x 22.23	4 1/2 x 7/8	25	**6011 817 000**		601749
AK 80 Fiber	125 x 22.23	5 x 7/8	25	**6012 817 000**		602746

Please see the following pages for the right backing pad.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Semi-flexible grinding discs for angle grinders



SIC – semi-flexible

Perfect ★★★☆☆

Semi-flexible grinding disc coated with silicon carbide. The special disc structure results in a higher removal rate than with a fibre disc, but a coarser finish as well.
Special feature: Type SC 24 is also used for hoof care.

- High removal rates
- Very good service life
- PLEASE NOTE: A backing pad is required for mounting the disc on the angle grinder!

Field of application: For grinding stone, steel, stainless steel, aluminium and plastic. Also used for hoof care (SC 24).

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
SC 16	115 x 22	4 1/2 x 7/8	5	**6121 100 000**		615104
SC 16	125 x 22	5 x 7/8	5	**6122 100 000**		615302
SC 16	180 x 22	7 x 7/8	5	**6123 100 000**		615500
SC 24	115 x 22	4 1/2 x 7/8	5	**6121 101 000**		615111
SC 24	125 x 22	5 x 7/8	5	**6122 101 000**		615319
SC 24	180 x 22	7 x 7/8	5	**6123 101 000**		615517
SC 36	115 x 22	4 1/2 x 7/8	5	**6121 103 000**		615135
SC 36	125 x 22	5 x 7/8	5	**6122 103 000**		615333
SC 36	180 x 22	7 x 7/8	5	**6123 103 000**		615531
SC 40	115 x 22	4 1/2 x 7/8	5	**6121 104 000**		615142
SC 40	125 x 22	5 x 7/8	5	**6122 104 000**		615340
SC 40	180 x 22	7 x 7/8	5	**6123 104 000**		615548
SC 60	115 x 22	4 1/2 x 7/8	5	**6121 106 000**		615166
SC 60	125 x 22	5 x 7/8	5	**6122 106 000**		615364
SC 60	180 x 22	7 x 7/8	5	**6123 106 000**		615562
SC 80	115 x 22	4 1/2 x 7/8	5	**6121 107 000**		615173
SC 80	125 x 22	5 x 7/8	5	**6122 107 000**		615371
SC 80	180 x 22	7 x 7/8	5	**6123 107 000**		615579

Please see the following pages for the right backing pad.

Backing pad required in all cases

A corresponding backing pad is necessary in all cases when using fibre discs and semi-flexible grinding discs. The backing pad ensures that the tool is kept in the right position on the machine. Ideal working conditions and the ability to work quickly and efficiently are thereby ensured.



Backing pads

Perfect ★★★☆☆

Safety when using fibre and semi-flexible grinding discs on the angle grinder. Good grinding finish due to the cushioning effect and elasticity of the backing pad.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
M14 with velcro	115	4 1/2	1	**6211 205 000**		621020
M14 with velcro	125	5	1	**6212 205 000**		622027
M14 with velcro	180	7	1	**6218 205 000**		624021
M10 without velcro	115	4 1/2	1	**6211 100 000**		621013
M14 without velcro	115	4 1/2	1	**6211 105 000**		621006
M14 without velcro	125	5	1	**6212 105 000**		622003
M14 without velcro	180	7	1	**6218 105 000**		624007



Ribbed backing pad

Superior ★★★★☆

High-performance backing pad with radial ribs for optimal cooling. Medium-hard rubber for aggressive machining.

Designation	Ø in mm	Ø in inches	PU	Item code	€ per pcs	EAN 4081600
M14 ribbed	115	4 1/2	1	**6211 110 000**		621099
M14 ribbed	125	5	1	**6212 110 000**		622096
M14 ribbed	180	7	1	**6218 110 000**		624090

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Grinding cups for angle grinders



Grinding cup, metal

Perfect ★★★☆☆

Resin bonded, conical grinding cup for coarse grinding work on metals. The slightly slanted grinding cup also enables the processing of welding seams.

- Available in three grits
- PLEASE NOTE: Max. 8,500 RPM at 50 m/s

Field of application: For processing metal.

Designation	Structure	Ø in mm	PU	Item code	€ per pcs	EAN 4081600
AS 16 Q	Coarse	110/90 x 55 x 22.23	1	**6311 000 100**		631005
AS 24 Q	Medium	110/90 x 55 x 22.23	1	**6311 001 100**		631012
AS 36 Q	Fine	110/90 x 55 x 22.23	1	**6311 003 100**		631036



Grinding cup, stone

Perfect ★★★☆☆

Resin bonded, conical grinding cup for the surface grinding of natural and synthetic stones.

- High removal rates
- Available in four grits
- PLEASE NOTE: Max. 8,500 RPM at 50 m/s

Field of application: Universal use for all types of stone.

Designation	Structure	Ø in mm	PU	Item code	€ per pcs	EAN 4081600
CS 16 N	Coarse	110/90 x 55 x 22.23	1	**6311 010 100**		631050
CS 24 N	Medium	110/90 x 55 x 22.23	1	**6311 011 100**		631029
CS 60 N	Fine	110/90 x 55 x 22.23	1	**6311 016 100**		631074
CS 120 N	Very fine	110/90 x 55 x 22.23	1	**6311 019 100**		631081

User Tip

These resin bonded, conical grinding cups are ideal for coarse grinding work thanks to their extremely high removal rates. The maximum operating speed should not exceed 50 m/s. Not all angle grinders are suitable. Please note the shaft length of your angle grinder. A clamping area of at least 16 mm is required for proper assembly.



Grinding discs for bench grinders

Perfect ★★★☆☆

These vitrified grinding discs were developed especially for use on bench grinders. They are supplied with a bore size of 32 mm with an inserted bushing that reduces the size to 20 mm.

Field of application: For metal and carbide.

Designation	Structure	Ø in mm	PU	Item code	€ per pcs	EAN 4081600
NK 24	Coarse	150 x 20 x 32/20	1	**6561 500 000**		656039
NK 24	Coarse	175 x 20 x 32/20	1	**6561 700 000**		656060
NK 24	Coarse	200 x 20 x 32/20	1	**6562 000 000**		656091
NK 60	Medium	175 x 20 x 32/20	1	**6561 710 000**		656077
NK 60	Medium	200 x 20 x 32/20	1	**6562 010 000**		656114
SIC 80	Fine	150 x 20 x 32/20	1	**6561 520 000**		656053
SIC 80	Fine	175 x 20 x 32/20	1	**6561 720 000**		656084
SIC 80	Fine	200 x 20 x 32/20	1	**6562 020 000**		656107

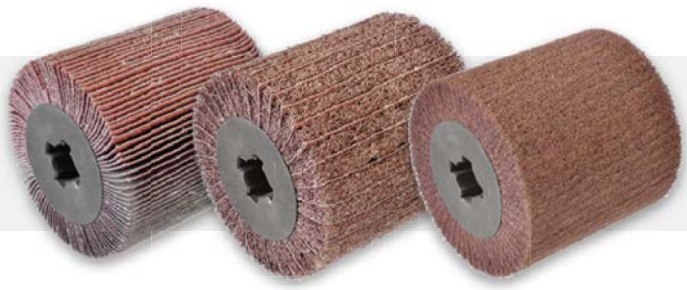
Good to know ...

Flap wheels for operating on high-speed machines can be found starting on page 164



Good to know ...

Sanding drums for operating on stationary and finishing machines can be found starting on page 190



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Economy rolls for manual sanding



Economy roll, brown

Perfect ★★★☆☆

Premium quality, resin bonded all-purpose abrasive band for manual sanding in a handy dispenser. Particularly suitable for metals and stainless steel. Flexible cotton cloth is easy to tear off.

- Length: 50 m
- Backing material: Highly flexible J-cloth
- Abrasive grain: aluminium oxide
- Coating: close
- Bond: resin

Field of application: All-purpose abrasive band for metal and stainless steel.

Dimensions	Grit	PU	Item code	€ per pcs	EAN 4081600
50 mm x 50 m	60	1 roll	**6790 073 000**		679731
50 mm x 50 m	80	1 roll	**6790 074 000**		679748
50 mm x 50 m	120	1 roll	**6790 075 000**		679755
50 mm x 50 m	180	1 roll	**6790 076 000**		679762
50 mm x 50 m	240	1 roll	**6790 077 000**		679779





Colour-coded sand paper for the following processing steps:

1ST STEP: PRE-SANDING	2ND STEP: SANDING	3RD STEP: FINISHING
Pre-sanding with a grit of 80 for coarse grinding work such as removing chipped paint and varnish as well as rounding edges and removing burrs.	Intermediate sanding with a grit of 120 for grinding work such as removing rust, effective paint removal across entire surfaces, removing and sanding down deep scratches and processing metal.	Finishing with a grit of 220. This grit helps you achieve an ideal surface for subsequent glazing, painting or oiling of furniture.





Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Mini Sander Set

Perfect ★★★☆☆

The Mini Sander is an ergonomic, effective sanding tool for more detailed work.

Pressure can be perfectly applied with the index finger so you can access hard-to-reach areas. Highly suitable for restoring furniture, working on windows, doors and shutters as well as for a wide range of sanding work, including on wood, fibreglass, plasterboard, metal or varnished surfaces.

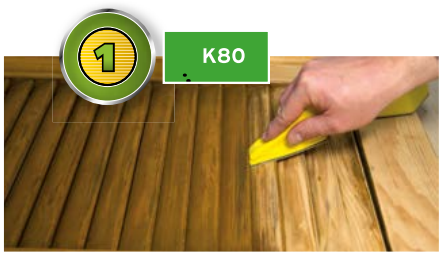
The 1-2-3 Mini Sander Set contains:
- 1 ergonomic Mini Sander
- 10 sanding sheets, 80 grit
- 10 sanding sheets, 120 grit
- 10 sanding sheets, 220 grit

Field of application: For wood, metal, plastic, varnished surfaces and much more.

Refill pack for Mini Sander
- The convenient refill pack with 30 sanding sheets
- 10 x 80 grit, 10 x 120 grit, 10 x 220 grit



Designation	PU	Item code	€ per pcs	EAN 4081600
Mini Sander Set, 91 x 27 mm	Set with 30 assorted sheets	**6780 200 000**		684001
		Mini Sander refill pack		
Mini Sander refill pack	30 assorted sheets	**6780 210 000**		684018









Hexagon Sander Set

Perfect ★★★☆☆

Its ergonomic shape makes the Hexagon Sander the perfect tool for every sanding project.

The Hexagon Sander makes sanding larger surfaces particularly ergonomic, smooth and effective and also offers impressive results in corners, on hard-to-access spots or on longer edges. This is an ideal tool for restoring furniture and for a wide range of sanding tasks, e.g. on wood, fibreglass, plasterboard, metal or varnished surfaces.

The 1-2-3 Hexagon Sander Set contains:
- 1 ergonomic sander
- 6 sheets of sanding paper in three different grains

Field of application: For wood, metal, plastic, varnished surfaces and much more.

Economy Set for Hexagon Sander
- Contains the Hexagon Sander plus 50 sheets of sanding paper
- 20 x 80 grit 20 x 120 grit, 10 x 220 grit



Refill pack for Hexagon Sander
- Two refill packs – of one type with 6 pieces of sanding paper each
- 6 x 80 grit or 6 x 120 grit



Designation	PU	Item code	€ per pcs	EAN 4081600
Hexagon Sander Set, 150 x 75 mm	Set with 6 assorted sheets	**6780 220 000**		684032
Economy Set for Hexagon Sander				
Hexagon Sander Set, 150 x 75 mm	Set with 50 assorted sheets	**6780 221 000**		684070
Refill pack for Hexagon Sander				
Refill pack for Hexagon Sander, 150 x 75 mm	6 sheets 80 grit	**6780 230 000**		684049
Refill pack for Hexagon Sander, 150 x 75 mm	6 sheets 120 grit	**6780 231 000**		684056







Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.





Sanding sponge Set with handle

Perfect ★★★☆☆

This handle makes it very comfortable to use sanding sponges – without having to hold the sanding sponge in your hand. The sanding sponges adapt to the surface to be processed very well and enable smooth sanding.

- 1x coarse sponge, 80 grit, highly suitable for removing paint and varnish
- 2x medium sponges, 120 grit, outstanding suitability for sanding hard and soft wood, drywall putty, fibreglass or metal surfaces
- 1x fine sponge, 220 grit, ideal for sanding surfaces prior to applying coats of paint, glazing or varnish as well as before oiling furniture with teak oil or other liquid wood waxes

Field of application: For wood, metal, plastic, fibreglass, varnished surfaces, plasterboard and much more.



Designation	PU	Item code	€ per pcs	EAN 4081600
Sanding sponge Set	Holder plus assortment of 4 sponges	**6780 290 000**		684100



Mini Car Sander Set

Perfect ★★★☆☆

The ergonomic Mini Sander with sanding sheets for wet sanding on car bodies.

The Mini Sander comes in a Set with 3 special sandpaper grits:

- 400 grit for wet sanding the primer filler spray
- 1,000 to 1,500 grit for wet sanding to denib or remove imperfections in clear coat
- 1,500 grit can also be used to remove slight scratches via careful, fine wet sanding
- 10 x 400 grit, 10 x 1,000 grit, 10 x 1,500 grit

Field of application: Ergonomic mini manual sanding system with sanding sheets for wet sanding for detailed bodywork and varnishing.



Designation	PU	Item code	€ per pcs	EAN 4081600
Mini car sander, 91 x 27 mm	Set with 30 assorted sheets	**6780 201 000**		684025

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Oval Car Sander Set

Perfect ★★★☆☆

Oval Car Sander as part of a Set with sanding sheets in four special grits. Specially designed for sanding work on larger surfaces and on car bodies.

- 1 ergonomic sander
- 8 sheets of sanding paper in four different grits
- 80 grit, coarse: Removing rust and damaged paintwork, sanding layers of paint on wood and much more.
- 180 grit, medium: This grit is used to prepare the metal surface for the use of filler. In addition, this grit can effortlessly remove bumps in the old varnish.
- The 80 and 180 grits are used for drying sanding filler.
- 320 and 400 grits are used for wet sanding the primer filler spray.

Field of application: Sanding system for bodywork and varnishing, sanding filler. Also suitable for use on wood.



Refill pack for oval car sander
The refill pack for the oval sander consists of 2 sanding sheets each 152 x77 mm, coarse 80 grit, medium 180 grit, fine 320 grit, fine 400 grit



Designation	PU	Item code	€ per pcs	EAN 4081600
Oval Car Sander, 152 x 77 mm	Set with 8 assorted sanding sheets	**6780 240 000**		684087
	Refill pack for oval car sander			
Refill pack for Oval Car Sander	152 x 77 mm, 8 assorted sanding sheets	**6780 250 000**		684094

Cleaning tools for angle grinders

General information	108
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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 wolded 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



Slag
Residue formed when the electrodes wear.



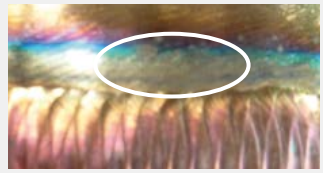
Spatters
Abrasive discs remove these residues.

TIG/MIG/MAG

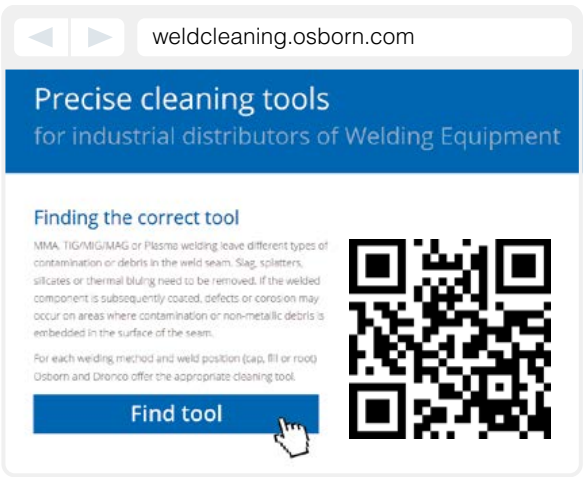


Silicates
They form when silicone, present in most steel alloys, is burnt during the welding process and turn to silicone dioxide.

PLASMA



Blue discolouration
Oxide deposits, formed mainly when welding stainless steel.



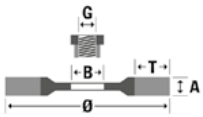
Finding the right tool super quick

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.

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted wire

115-230

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

Ø	A	T	G	Adapt.	RPM max.	PU	■ Steel / 0,35 ■ Order no.	■ Steel / 0,35 ■ € per pcs	■ Steel / 0,50 ■ Order no.	■ Steel / 0,50 ■ € 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

Ø	A	T	G	Adapt.	RPM max.	PU	■ INOX / 0,35 ■ Order no.	■ INOX / 0,35 ■ € per pcs	■ INOX / 0,50 ■ Order no.	■ INOX / 0,50 ■ € 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)

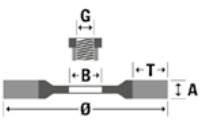
XLOCK

- 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.



115-180

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.



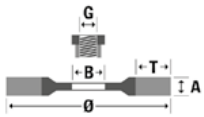
Ø	A	T	B	G	Adapt.	RPM max.	PU	■ Steel / 0.50 ■ Order no.	■ Steel / 0.50 ■ € per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	10	20	22.2			12500	10	**2008-631 151**					
125	12	27	22.2			12500	8	**2118-631 151**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Wheel brushes



Appearance can vary from picture depending on variant.



115-180

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

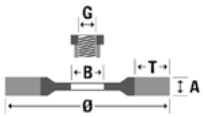
- low-vibration and quiet operation
- prolonged life and high removal rate
- “untwisting” of the knots during use is minimised
- reduced kick-back
- TÜV-Süd certified (safety tested, production monitored)

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

						Steel / 0.35		Steel / 0.50			
Ø	A	T	B	Max. RPM	PU	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

115-180

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

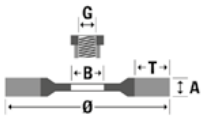


Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Wheel brushes



Appearance can vary from picture depending on variant.



Wheel brushes, knotted Osborn wire, plastic-bonded

125-180

Evolution ★★★★★

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

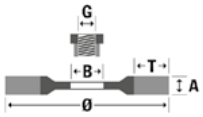
- Reduced wire breakage due to plastic bonding
- Very long service life
- More aggressive cleaning effect than conventional wheel brushes

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

						Osborn steel / 0.35		Steel / 0.35			
Ø	A	T	B	Max. RPM	PU	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

150-180

Evolution ★★★★★

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

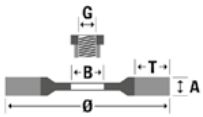
- Particularly narrow design for tight joints
- Precision working
- Reduced wire breakage due to plastic bonding
- Lower applied force, lower contact pressure

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

								Brass-coated steel / 0.38			
Ø	A	T	B	G	Max. RPM	PU	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

115

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

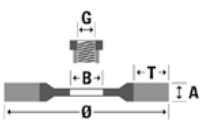
Available in practical box packaging with Euro-standard hole.



						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

150-180

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

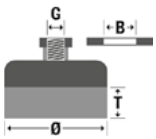
						Novofil / 46		Novofil / 60		Novofil / 80	
Ø	A	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
140	55	30	M14	4500	6	**5421-401 913**		**5411-401 913**		**5401-401 913**	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Cup brushes



Appearance can vary from picture depending on variant.



115-125

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.



						Steel / 0.35		Steel / 0.50			
Ø	T	B	G	RPM max.	PU	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

						INOX / 0,35		INOX / 0,50			
Ø	T	B	G	RPM max.	PU	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**			

XLOCK

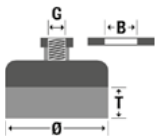
						Steel / 0.35		Steel / 0,50			
Ø	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	20	M14x2,0	X-LOCK	12500	10	**0004-608 131**		**0004-608 151**			

XLOCK

						INOX / 0,35		INOX / 0,50			
Ø	T	G	Adapt.	RPM max.	PU	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.



125-230

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)

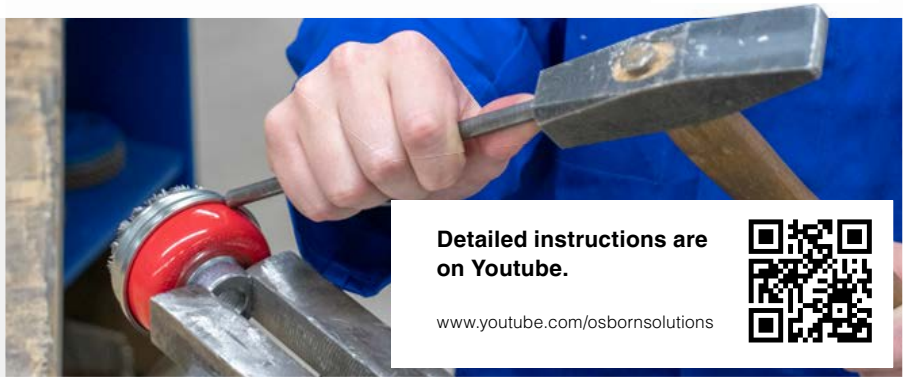
Applications: Rust removal, paint stripping, removing slag, silicate residuals and blue discolouring

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	

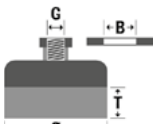
					INOX / 0.35		INOX / 0.50		
Ø	T	G	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	
80	20	M14x2.0	8500	3	0002-608 333		**0002-608 353**		
100	20	M14x2.0	8500	3	0002-608 334		**0002-608 354**		

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

CLEANING TOOLS FOR ANGLE GRINDERS



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

180-230

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

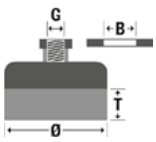
Applications: Paint/rust removal, deburring, descaling, removal of slag, silicate residues and blue discolouration, cleaning of fill layers and surfaces in the oil and gas industries

					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

150-230

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

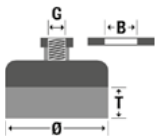
Available in practical PET packaging with Euro-standard hole.



					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.



115-125

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.

X-LOCK

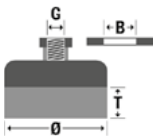
						Steel / 0,30		INOX / 0,30			
Ø	T	G	Adapt.	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21	M14x2,0	X-LOCK	12500	10	**0004-613 161**					
60	20	M14x2,0	X-LOCK	12500	4			**0004-613 361**			
75	23	M14x2,0	X-LOCK	12500	10	**0004-613 162**					
75	23	M14x2,0	X-LOCK	12500	4			**0004-613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

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Cup brushes



Appearance can vary from picture depending on variant.



150-230

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.



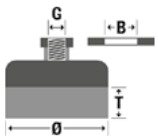
					Steel / 0.20		Steel / 0.30		Steel / 0.50	
Ø	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	30	M14x2.0	8500	5	**0002-613 143**		**0002-613 163**			
80	25	M14x2.0	8500	5					**0002-613 193**	
100	30	M14x2.0	8500	3	0002-613 144				**0002-613 194**	
100	30	M14x2.0	8500	4			**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			

					INOX / 0.30				Brass wire / 0.30	
Ø	T	G	RPM max.	PU	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.



150-180

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.



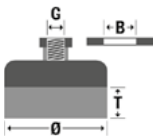
					■ Steel / 0.30 ■		■ Brass-coated steel / 0.3 ■			
Ø	**T**	**G**	**RPM max.**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
60	18	M14x2.0	12500	10	**2008-613 161**		2008-613 061			
75	25	M14x2.0	12500	10	**2008-613 162**		**2008-613 062**			
80	25	M14x2.0	8500	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			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Cup brushes



Appearance can vary from picture depending on variant.



Longlife cup brushes, stranded crimped wire

115-230

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

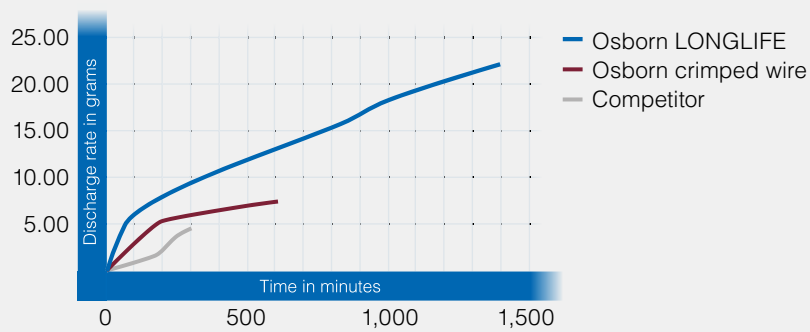
Test results of Osborn LONG-LIFE compared to a competitor.



YouTube

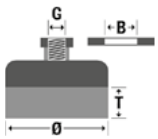
Removal rate

Test results of Osborn LONGLIFE compared to a competitor.





Appearance can vary from picture depending on variant.



150

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

						Novofil / 80		Novofil / 120		Novofil / 180	
Ø	T	B	G	RPM max.	PU	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

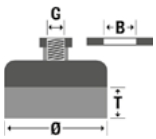
Brushes for cordless, battery-operated tools start on page 136



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Cup brushes, abrasive Filament

150-180

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, finshing and intermediate lacquer sanding

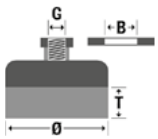


						Novofil / 46		Novofil / 60		Novofil / 80	
Ø	A	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
130	70	50	M14x2.0	2500	4	**9301-614 916**		**9311-614 916**		**9321-614 916**	

						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.



115-125

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

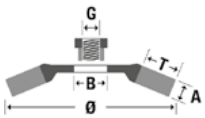
- **Grit 46** For creating a depth texture in the wood
- **Grit 60** For removing minor to medium levels of dirt, and uniform texturing of the wood
- **Grit 80** Preparation before finishing, evens out minor surface irregularities
- **Grit 120** Creation of the final finish on the wood surface

					Novofil / 46		Novofil / 60		Novofil / 80		Novofil / 120	
Ø	**T**	**G**	**RPM max.**	**PU**	**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	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Bevel brushes, knotted wire

115-125

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			

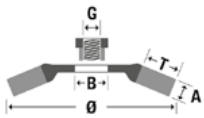
* TÜV certification planned.

XLOCK

							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.



115-125

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 ■

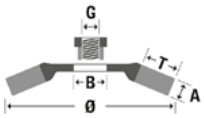
Ø	A	T	B	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M14x2.0	12500	8	**2008-622 151**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Bevel brushes



Appearance can vary from picture depending on variant.



115-125

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

						Steel / 0.30		Brass-coated steel / 0.30			
Ø	A	T	G	RPM max.	PU	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**					

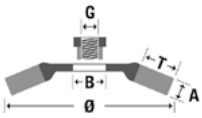
						INOX / 0.20		INOX / 0.30		INOX / 0.30 / 1.4401	
Ø	A	T	G	RPM max.	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	20	20	M10x1.25	12500	5	2352-512 342		2352-512 362			
100	20	20	M10x1.5	12500	5	0102-512 342		0102-512 362			
100	20	20	M14x2.0	12500	5	**0002-512 342**		**0002-512 362**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

XLOCK

							Steel / 0,30		INOX / 0,30			
Ø	A	T	G	Adapt.	RPM max.	PU	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

125

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.



							Brass-coated steel / 0.30		Steel / 0.30			
Ø	A	T	B	G	RPM max.	PU	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



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

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.

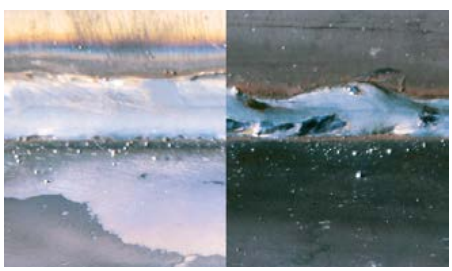
- **Highly effective for welding technology and metal processing applications**
  Delivers optimal results, for example when preparing welding seams, reworking welding seams and removing weld spatter in accordance with EN ISO 5817. Removes oxide films and thermal discolouration after the welding of pipelines, 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

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



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 he 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 tfibres 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

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

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**		



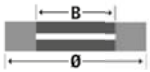
Polimaxx kit in display box

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"	1/2"	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					

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 an 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 an 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 powertool 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 betweenrecharges 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.

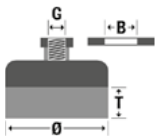
The end result will meet all your expectations and fulfill all aspects of work safety. This is the only way to work effectively and get the best out of your cordless power tool.

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

115

Superior ★★★★☆

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

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

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

Available in practical PET packaging with Euro-standard hole.

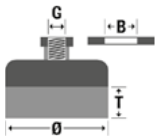


Brass / 0.30

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

115

Superior ★★★★☆

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

- Weight-optimised
- TÜV-Süd certified
- Flexible
- Extended battery life
- reduced imbalance and vibration
- 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.

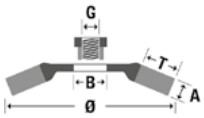


Abr. bristle / grit 46

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**					



Appearance can vary from picture depending on variant.



115

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**					

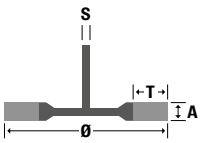


Machine brushes for power drills

Wheel brushes	140
Cup brushes	147
End brushes	151
Flap wheel brushes	156
Kits	158
Accessories	160



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

						Steel / 0.35		Steel / 0.50		INOX / 0.50	
Ø	A	T	S	Max. RPM	PU	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**	

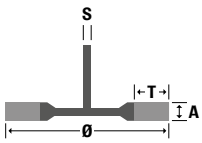
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



						Steel / 0.50		INOX / 0.50			
Ø	A	T	S	Max. RPM	PU	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

						Steel / 0.15		Steel / 0.20		Steel / 0.30	
Ø	A	T	S	Max. RPM	PU	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

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

MACHINE BRUSHES FOR POWER DRILLS

Wheel brushes

						INOX / 0.15		INOX / 0.20		INOX / 0.30	
Ø	A	T	S	Max. RPM	PU	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.

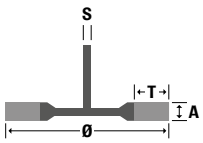


						Steel / 0.30		INOX / 0.20		INOX / 0.30	
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	13	6	15000	6			**3002-504 342**		7002-504 362	
60	18	15	6	15000	6	7002-505 162					
80	19	20	6	15000	6	7002-507 162		**7002-507 342**		7002-507 362	

						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, crimped wire

Perfect ★★★☆☆

Crimped wheel brush, craftsman quality, for power drills

- Suitable for many DIY projects
- Easy to fit thanks to the shaft
- Flexible brush for simple cleaning tasks

Applications: Cleaning work such as removal of paint, rust and scales

Good to know

This brush is also available as a practical kit.
More information is on page 158.



						Steel / 0.20		Steel / 0.30			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	7	10	6	4500	20	**0003-600 211**		**0008-600 221**			
63	9	13	6	4500	20	0003-600 311		**0008-600 321**			
75	10	16	6	4500	10	**0008-600 411**		**0008-600 421**			
75	15	16	6	4500	10			**0008-600 422**			
100	12	22	6	4500	10	**0008-600 511**		**0008-600 521**			
100	17	22	6	4500	10			**0008-600 522**			

						INOX / 0.20		INOX / 0.30			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	7	10	6	4500	20	**0088-600 221**					
75	10	16	6	4500	10			**0008-600 432**			
100	10	22	6	4500	10	**0008-600 531**		**0088-600 521**			

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

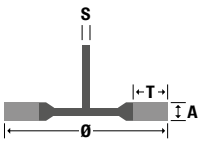


						INOX / 0.30		Steel / 0.30			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	7	10	6	4500	8			7003-600 221			
75	10	16	6	4500	8			**7003-600 421**			
100	12	22	6	4500	8			**7003-600 521**			
100	12	22	6	4500	6	**7018-600 521**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes, stranded, crimped wire

Superior ★★★★☆

Wheel brush with Cordwire, industrial quality, for use on power drills

- Brass-coated, stranded steel wire
- Effective woodworking, high friction on soft and hardwood
- Suitable to working on surfaces due to large working width
- TÜV-Süd certified (design 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. They expose the wood grain and leave a sort of relief surface (see the detailed picture).



						Steel Cordwire / 0.25					
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	35	20	8	4000	10	**0908-507 061**					

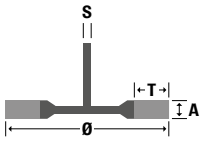
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



						Steel Cordwire / 0.25					
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	35	20	8	4000	8	**7003-507 061**					



Appearance can vary from picture depending on variant.



Wheel brushes, crimped wire, plastic-bonded

Evolution ★★★★★

Plastic-bonded, crimped wheel brush, high-end quality, for use on power drills

- Reduced wire breakage due to plastic bonding
- Lower effort, lower contact pressure
- TÜV-Süd certified (safety tested, production monitored)

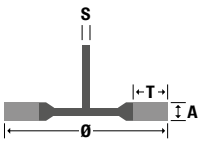
Applications: Removal of paint and lacquer, cleaning of narrow and inaccessible areas

						Brass-coated steel / 0.30					
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
63	8	20	6	15000	12	**0002-911 941**					
76	8	26	6	15000	12	**0002-911 951**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes, abrasive filament

Perfect ★★★☆☆

Grittyflex wheel brush with abrasive filament, craftsman quality, for power drills

- Adapts perfectly to the workpiece's contours
- Brush with abrasive nylon, gentle on material
- When being used, new abrasive grit keeps being released so that the removal rate is uniform
- Different grit sizes generate different surface finishes (blue finer, red coarser)
- TÜV-Süd certified (safety tested, production monitored)

Applications: Suitable for all materials; for the easy roughing and smoothing of surfaces (depending on grit thickness), product of choice for woodworking

Good to know

This brush is also available in a practical brush kit.
More information is on page 159.



						Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	10	16	6	4500	10	**0802-600 491**		**0182-600 491**			
100	10	23	6	4500	10	**0802-600 591**		**0182-600 591**			

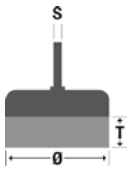
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



						Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	10	16	6	4500	8	**7802-600 491**		**7182-600 491**			
100	10	23	6	4500	8	**7802-600 591**		**7182-600 591**			



Appearance can vary from picture depending on variant.



Cup brushes, knotted wire

Superior ★★★★☆

Knotted cup brush, industrial quality, for use on power drills

- Osborn bestseller
- Long service life, low set-up costs / short set-up times
- Impressive cleaning effect on large areas
- TÜV-Süd certified (safety tested, production monitored)

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

Steel / 0.50

Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	23	6	6000	10	**1004-608 151**					

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

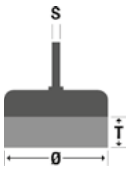


Steel / 0.50

Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	23	6	6000	8	**7004-608 151**					



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire

Perfect ★★★☆☆

Crimped cup brush, craftsman quality, for power drills

- Flexible
- Good price/performance ratio
- Suitable for many DIY projects
- Easy to fit thanks to the shaft

Applications: Paint stripping and rust removal from surfaces

Good to know

This brush is also available as a practical kit.
More information is on page 158.



					Steel / 0.20	Steel / 0.30	Brass / 0.20
Ø	T	S	Max. RPM	PU			
50	17	6	4500	20	**0008-600 811**	**0008-600 821**	**0023-600 851**
75	20	6	4500	10	**0008-600 911**	**0008-600 921**	0023-600 951

					INOX / 0.30					
Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	6	4500	20	**0008-600 832**					
75	20	6	4500	10	**0008-600 361**					

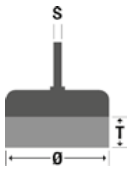
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



					INOX / 0.30		Steel / 0.30			
Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	6	4500	8			**7003-600 821**			
50	17	6	4500	10	7008-600 832					
75	20	6	4500	8			**7003-600 921**			
75	20	6	4500	6	7008-600 361					



Appearance can vary from picture depending on variant.



Cup brushes, crimped wire, plastic-bonded

Evolution ★★★★★

Cup brush with plastic-bonded, crimped wire, high-end quality, for use on power drills

- Reduced wire breakage due to plastic bonding
- Lower applied force, lower contact pressure
- TÜV-Süd certified (safety tested, production monitored)

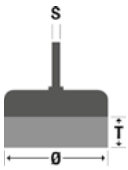
Applications: Removal of paint and lacquer, cleaning of large surfaces

					■ Brass-coated steel / 0.30 ■					
Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	15	6	15000	12	**0002-930 821**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Cup brushes, abrasive filament

Perfect ★★★☆☆

Grittyflex cup brush with abrasive filament, craftsman quality, for power drills

- Adapts perfectly to the workpiece's contours
- Brush with abrasive nylon, gentle on material
- When being used, new abrasive grit keeps being released so that the removal rate is uniform
- Different grit sizes generate different surface finishes (blue finer, red coarser)
- TÜV-Süd certified (safety tested, production monitored)

Applications: Suitable for all materials; for the easy roughing and smoothing of surfaces (depending on grit thickness), particularly recommended for woodworking

Good to know

This brush is also available in a practical brush kit.
More information is on page 159.



					Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	6	4500	10	**0802-600 891**		**0182-600 891**			
75	23	6	4500	10	**0802-600 991**		**0182-600 991**			

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



					Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	6	4500	8	7802-600 891		7182-600 891			
75	23	6	4500	8	**7802-600 991**		**7182-600 991**			



Appearance can vary from picture depending on variant.



End brushes, crimped wire

Superior ★★★★☆

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 in operation, 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**	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



End brushes, crimped wire

Perfect ★★★☆☆

Crimped end brush, craftsman quality, for power drills

- For pinpoint work in places difficult to access
- Best price/performance ratio

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

Good to know

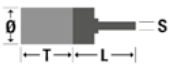
This brush is also available as a practical kit.
More information is on page 158.



						Steel / 0.30		INOX / 0.30			
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
12	20	45	6	4500	20	**0008-509 161**					
17	25	45	6	4500	12	**0008-509 162**					
25	25	50	6	4500	12			**0008-509 363**			
25	30	50	6	4500	12	**0008-509 163**					
30	35	50	6	4500	12	**0008-509 164**					



Appearance can vary from picture depending on variant.



End brushes, crimped wire, plastic-bonded

Evolution ★★★★★

End brush with plastic-bonded, crimped wire, high-end quality, for use on power drills and high-speed machines

- longer service life
- Higher removal rate
- Reduced wire breakage due to plastic bonding
- Lower effort, lower contact pressure
- TÜV-Süd certified (safety tested, production monitored)

Applications: Removal of thick layers of rust and stubborn impurities, deburring edges and cleaning complex contours.



							Brass-coated steel / 0.30					
Ø	T	K	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
17	24	16	43	6	15000	12	**0002-930 902**					
24	23	23	43	6	15000	12	**0002-930 907**					
31	23	29	43	6	15000	12	**0002-930 912**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



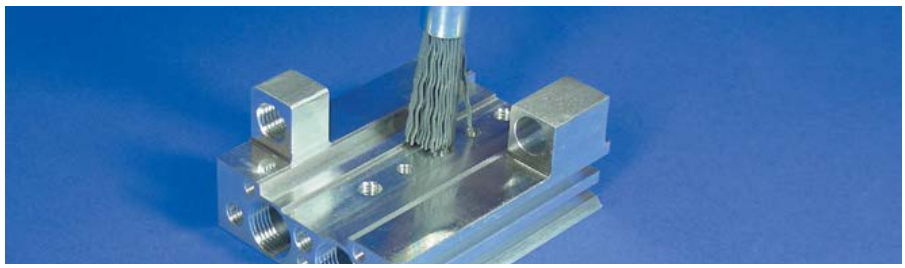
End brushes, abrasive filament

Superior ★★★★☆

End brush with abrasive silicone carbide filament,
industrial quality, for use on power drills

- Powerful high-tech material
- 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 an end-to-end abrasive grit
- Varying surface pattern possible depending on grit selected
- The higher the grit size, the finer the surface pattern
- Can be used on all materials
- TÜV-Süd certified (safety tested, production monitored)

Applications: Roughing, texturing, paint stripping, deburring and cleaning



							Novofil / 120		Novofil / 180		Novofil / 320	
Ø	**T**	**K**	**L**	**S**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
10	25	10	50	6	5000	12			**1802-509 911**		**3202-509 911**	
15	25	15	43	6	5000	12	**1202-509 912**		**1802-509 912**		**3202-509 912**	
22	25	22	50	6	5000	12	**1202-509 913**		**1802-509 913**		3202-509 913	
28	25	28	45	6	5000	12	**1202-509 914**		**1802-509 914**		3202-509 914	



Appearance can vary from picture depending on variant.



End brushes, abrasive filament

Perfect ★★★☆☆

Grittyflex end brush with abrasive filament, craftsman quality, for power drills

- Adapts perfectly to the workpiece's contours
- Brush with abrasive nylon, gentle on material
- When being used, new abrasive grit keeps being released so that the removal rate is uniform
- Different grit sizes generate different surface finishes (blue finer, red coarser)
- TÜV-Süd certified (safety tested, production monitored)

Applications: Suitable for all materials; for the easy roughing and smoothing of surfaces (depending on grit thickness), for internal finishing, suitable particularly for woodworking

Good to know

This brush is also available in a practical brush kit. More information is on page 159.



							Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	T	K	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	25	22	50	6	5000	12	**0812-509 913**		**1812-509 913**			

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

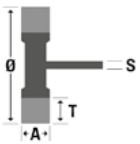


							Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	T	K	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	25	22	50	6	5000	8	7812-509 913		7802-509 913			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Flap wheel brushes, crimped wire

Perfect ★★★☆☆

Flap wheel brush with crimped wire, craftsman quality, for power drills

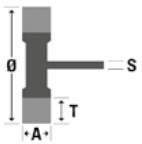
- Particularly lightweight and flexible
- TÜV-Süd certified (safety tested, production monitored)

Applications: Paint stripping, rust removal, deburring, descaling, smoothing and cleaning

						Steel / 0.30		Brass-coated steel / 0.30			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	5	0004-401 132		**0004-401 052**			



Appearance can vary from picture depending on variant.



Flap wheel brushes, abrasive/natural filament

Perfect ★★★☆☆

Flap wheel brush with abrasive/natural filament, craftsman quality, for power drills

- Particularly lightweight and flexible
- Variant with abrasive bristle: Adapts perfectly to the workpiece's contours
- When being used, new abrasive grit keeps being released so that the removal rate stays constant
- TÜV-Süd certified (safety tested, production monitored)

Applications: Variant with fibre: particularly suited to the upstream polishing process of metal and for dust removal from wood, variant with abrasive bristle: woodworking, texturing, paint stripping

						Abr. bristle / 80 / red		Abr. bristle / 180 / blue		Natural bristle / fibre	
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	5	**0001-401 912**		**0011-401 912**		**0004-401 942**	

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



						Abr. bristle / 80 / red		Abr. bristle / 180 / blue			
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	6	**7801-401 912**		**7811-401 912**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Kits



Kit of 5 DIY brushes, crimped wire

Perfect ★★★☆☆

Kit of 5 DIY brushes, with crimped wire, craftsman quality, for power drills

- Suitable for any workpiece contour
- Practical packaging
- Best price/performance ratio

Applications: Metalworking (cup brush for large areas, wheel brush for narrow places and end brush for internal finishing, corners and edges)



■ Steel / 0.30 ■

Brush type	Ø	min^{-1}	PU	Order no.	€ per pcs
Wheel brush	50	4500	10	**1418-600 005**	
Wheel brush	75				
End brush	25				
Cup brush	50				
Cup brush	70				

Automotive kit

Our special kit of 15 brushes for professionals for many of the day-to-day tasks in car workshops is on page 134







Kit of 5 DIY brushes, abrasive filament

Perfect ★★★☆☆

Kit of 5 DIY brushes, with abrasive filament, craftsman quality, for power drills

- Suitable for any workpiece contour
- Practical packaging
- Best price/performance ratio

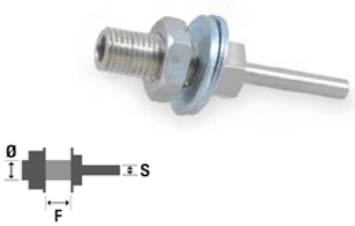
Applications: Product of choice for woodworking (cup brush for large areas, wheel brush for narrow places and profiles, and end brush for internal finishing, corners and edges)



Abr. bristle / Grit 80

Brush type	Ø	min^{-1}	PU	Order no.	€ per pcs
Wheel brush	50	4500	10	**1518-600 005**	
Wheel brush	75				
End brush	25				
Cup brush	50				
Cup brush	75				

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.

Drive arbor, type I

For wheel brushes with bore. Brushes can be fitted up to a clamping width of 20 mm.

Ø	Inches	F	S	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10		20	6	1	**0003-000 100**					
13		20	6	1	**0003-000 130**					
12.7	1/2"	20	6	1	**0004-000 127**					



Cleaning tools for high-speed machines

Wheel brushes 162

Coarse cleaning fleeces 165

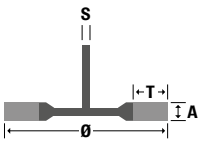
Flap wheels 166

End brushes 170

Accessories 176



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

						Steel / 0.35		Steel / 0.50		INOX / 0.50	
Ø	A	T	S	Max. RPM	PU	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**	

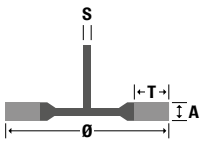
Also available on a practical display card with Euro-standard hole for ideal presentation at the POS.



						Steel / 0.50		INOX / 0.50			
Ø	A	T	S	Max. RPM	PU	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

						Steel / 0.15		Steel / 0.20		Steel / 0.30	
Ø	A	T	S	Max. RPM	PU	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

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

CLEANING TOOLS FOR HIGH-SPEED MACHINES

Wheel brushes

						INOX / 0.15		INOX / 0.20		INOX / 0.30	
Ø	A	T	S	Max. RPM	PU	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.

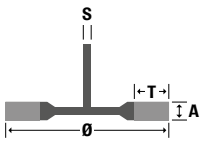


						Steel / 0.30		INOX / 0.20		INOX / 0.30	
Ø	A	T	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	13	6	15000	6			**3002-504 342**		7002-504 362	
60	18	15	6	15000	6	7002-505 162					
80	19	20	6	15000	6	7002-507 162		**7002-507 342**		7002-507 362	

						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 ★★★★★

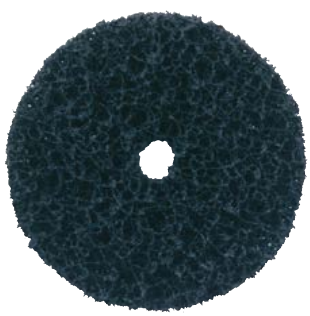
Ringlock wheel brush, industrial quality, with abrasive silicone carbide filament for attaching to high-speed machines.

- 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

						Grit 120		Grit 180		Grit 320	
Ø	A	T	B	Max. RPM	PU	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**	

						Grit 120		Grit 180		Grit 320	
Ø	A	T	S	Max. RPM	PU	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 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

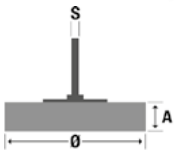


Ø in mm	Ø in inches	RPM	PU	Order no.	€ per pcs	EAN 4081600
100	4	6000	10	**6700 006 000**		670301
150	6	4000	10	**6700 007 000**		670356

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



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

					Abr. bristle / Grit 40		Abr. bristle / Grit 60		Abr. bristle / Grit 80	
Ø	A	S	RPM max.	PU	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**	

					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	

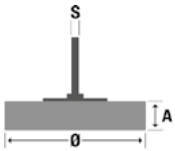
					Abr. bristle / Grit 240					
Ø	**A**	**S**	**RPM max.**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
30	10	6	25400	10	**0243-003 010**					
30	15	6	25400	10	**0243-003 015**					
40	20	6	19100	10	0243-004 020					
50	20	6	15200	10	**0243-005 020**					
50	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**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

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

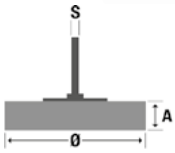
Applications: Fine surface pattern and readying for satin finishing. Ideal for removing minor scratches; final finish also possible depending on grit size

					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 du 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

					Abr. bristle / coarse		Abr. bristle / medium		Abr. bristle / fine	
Ø	**A**	**S**	**RPM max.**	**PU**	**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	

					Abr. bristle / very fine					
Ø	**A**	**S**	**RPM max.**	**PU**	**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.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



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

						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





Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

End brushes



Appearance can vary from picture depending on variant.



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

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

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



Appearance can vary from picture depending on variant.



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

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

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



Appearance can vary from picture depending on variant.



End brush, crimped wire

Superior ★★★★☆

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**	



Appearance can vary from picture depending on variant.



End brushes, crimped wire

Superior ★★★★☆

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**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



End brushes, crimped wire

Superior ★★★★☆

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

- Particularly suited for areas extremely difficult to access
- For pinpoint work
- Adapts very well to the component's outline

Applications: Removal of oxide layers, deburring, removal of coatings such as paint and primers

							Steel / 0.40					
Ø	T	L	Type	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
8	29	57	122 F	6	12000	12	**0024-509 101**					
9.5	29	55	123 F	6	12000	12	**0024-509 102**					
10	27	158	121 F/L	6	12000	6	**1224-509 101**					
12	29	60	124 F	6	12000	12	**0024-509 111**					
12	55	55	302	6	12000	6	0014-509 102					
20	25	47	102 F	6	12000	6	**0024-509 103**					



Appearance can vary from picture depending on variant.

End brushes, straight wire

Superior ★★★★☆

End brush with pointed shape, industrial quality, for use on high-speed machines

- Particularly aggressive
- For places difficult to access and internal surfaces

Applications: Removal of burrs, scales, slag, paint, moulding sand and other debris



							Steel / 0.40		Steel / 0.50			
Ø	T	L	Type	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
9.5	32	57	122 P	6	12000	12	**0124-509 101**					
10	27	125	121 P/L	6	12000	6	**2224-509 101**					
10	31	55	123 P	6	12000	12	**0224-509 101**					
12	30	61	124 P	6	12000	12	**0124-509 111**					
19	31	51	102 P	6	12000	6			**0124-509 103**			
19	64	50	225	6	4000	6			**0024-509 100**			

							INOX / 0.30		INOX / 0.50			
Ø	T	L	Type	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
9.5	32	57	122 P	6	12000	12	**0074-509 301**					
11	32	59	103 P	6	12000	6			**0004-509 302** *			
19	31	51	102 P	6	12000	6			**0124-509 303**			
25	35	50	103 P	6	12000	6			0014-509 304			

*straight wire

End brushes





End brushes, Abrasive Filament

Evolution ★★★★★

End brush with abrasive silicone carbide filament, high-end quality, for use on high-speed machines and power drills

- High flexibility
- Suitable for wet and dry work
- Long service life given perfect conditions
- Low contact pressure
- Low build-up of heat
- Resistant to weak acids and bases
- No clogging of the filament surface with working residues

Applications: Deburring, edge rounding, surface finishing

						Abr. bristle / 120		Abr. bristle / 180		Abr. bristle / 320	
Ø	T	L	S	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	25	45	6	8000	12	**9906-030 488**		9906-030 489		**9906-030 490**	
15	25	45	6	5000	12	**9906-030 492**		**9906-030 493**		**9906-030 494**	
22	25	45	6	5000	12	**9906-030 496**		**9906-030 497**		**9906-030 498**	
28	25	45	6	5000	12	9906-030 500		**9906-030 501**		9906-030 502	

Accessories



Tensioning shaft for cleaning fleece

Perfect ★★★☆☆

The tensioning shaft enables the cleaning fleece to be used on straight and cylindrical grinders

Name	Dimensions mm	PU	Order no.	€ per pcs	EAN 4081600
Tensioning shaft	6 mm	1	**6700 008 100**		670400



Machine brushes stationary

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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 (Page 195).

Brush Ø		Bore Ø															
		mm	13		16	19	20			30		32	35	38	40	44	50.8
mm	inch	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	7438			
200	8					7419	7420	7422	7425	7430	7431	7432	7435	7438			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

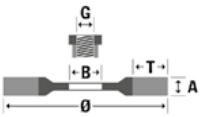
Standard bores for multi-row brushes

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
mm	inch	inch	3/8		1/2		5/8	3/4		7/8	1		11/4				2
20			8109	8110	8112	8113	8116										
30			8209	8210	8212	8213	8216	8219	8220	8222	8225						
50.8	2				8412	8413	8416	8419	8420	8422	8425	8430	8431	8432	8435		
80							8616	8619	8620	8622	8625	8630	8631	8632	8635	8640	8642
100									8720	8722	8725	8730	8731	8732	8735	8740	8742
120											8825	8830	8831	8832	8835	8840	8842



Appearance can vary from picture depending on variant.



Wheel brushes, knotted wire

Superior ★★★★☆

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

Applications: 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

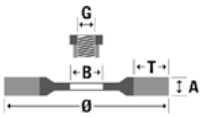
Note: For other bore sizes, refer to table "Standard bores for **single-row** brushes" on page 178

							Steel / 0.35		Steel / 0.50		Steel / 0.80	
ø	**A**	**T**	**Min. B**	**Max. B**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
200	13	42	20	50.8	8500	1	0002-664 131		**0002-664 151**			
200	26	42	50.8*	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**	

* Pipe diameter; for reducing the bore size, refer to the 1-A adapter on page 196



Appearance can vary from picture depending on variant.



Joint brushes, knotted wire

Superior ★★★★☆

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

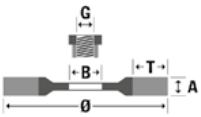
Applications: Removal of stones, gravel and other debris from (expansion) joints during road-construction

Note: For other bore sizes, refer to table "Standard bores for **single-row** brushes" on page 178

						■ Steel / 0.50 ■		■ Steel / 0.80 ■			
Ø	A	T	B	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
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.



Wheel brushes, crimped wire

Superior ★★★★☆

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

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

Note: For other bore sizes, refer to table "Standard bores for **single-row** brushes" on page 178

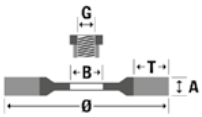
							Steel / 0.20		Steel / 0.30			
Ø	**A**	**T**	**Min. B**	**Max. B**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	11	15	13	13	10000	5			0002-511 161			
100	13	23	13	20	8000	8	**0002-522 141**		**0002-522 161**			
125	15	35	13	20	6000	5			**0002-532 161**			
150	16	32	13	32	6000	4	**0002-544 141**					
150	16	32	13	20	6000	8			**0002-544 161**			
178	18	45	13	32	6000	8			**0002-554 161**			
200	19	38	19	32	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**			

							INOX / 0.20		INOX / 0.30			
Ø	**A**	**T**	**Min. B**	**Max. B**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
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	3	**0002-544 341**		**0002-544 361**			
178	18	45	13	32	6000	4			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					
300	26	58	20	50.8	3000	2	0002-587 341					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Band saw brush

Superior ★★★★☆

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

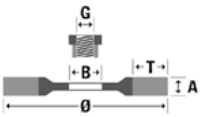
- Long service life; efficient working
- Prolonged saw blade life
- The saw blade can work through the wood easier because there is no great generation of chips

Applications: 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

						Nylon / 0.80					
Ø	A	T	B	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	15	20	13	8000	10	0003-515 827					



Appearance can vary from picture depending on variant.



Wheel brushes, crimped Osborn wire

Evolution ★★★★★

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

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

MONITOR® variant with **standard bore** adapter, refer to page 196



							Osborn steel / 0.15		Osborn steel / 0.20			
Ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
200	18	37	50.8	1-A	4500	2	**9906-021 183**		**9906-021 184**			

							Osborn INOX / 0.26					
Ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	14	29	31.75	3-A	6000	6	9906-021 059					

MATIC® variant with **keyways** adapter, refer to page 196



							Osborn steel / 0.15		Osborn steel / 0.20		Osborn steel / 0.30	
Ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
200	22	37	50.8	1-A	4500	1	**9906-022 081**		**9906-022 082**			
200	22	37	50.8	1-A	4500	2					9906-022 085	

MASTER® variant with **tortoise-shaped bore** adapter, refer to page 195

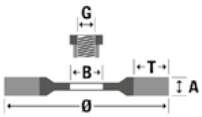


							Osborn steel / 0.20		Osborn steel / 0.30			
Ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	26	60	50.8	4-M	3600	2	9906-013 008		9906-013 009			
300	28	60	50.8	4-M	3000	2			**9906-013 021**			
380	32	72	50.8	4-M	2400	2			**9906-013 057**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes, crimped wire

Superior ★★★★☆

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

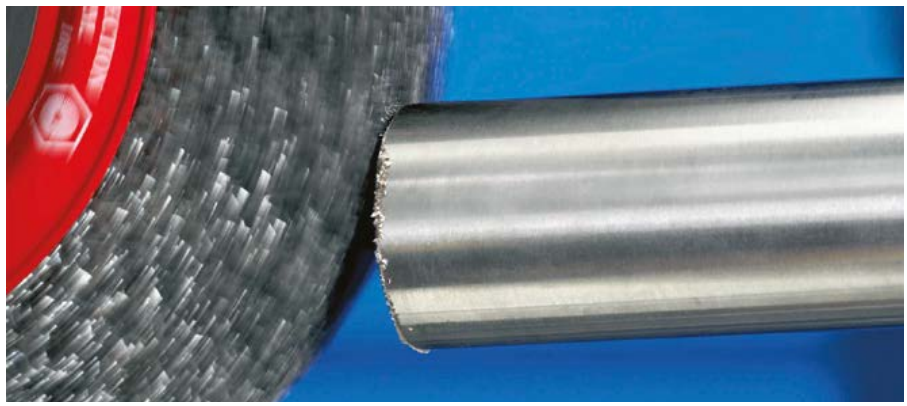
- Aggressive variant
- TÜV-Süd certified (safety tested, production monitored)
- Larger body, so more wire tips are simultaneously in use
- High wire density

Applications: For example on a workbench grinder or table deburrer for rust/paint removal, cleaning, roughening or deburring

Note: For other bore sizes, refer to table "Standard bores for **multi-row** brushes" on page 178

All-round use of every brush by the bore reduction pieces (included)

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



Product tables on the following page.

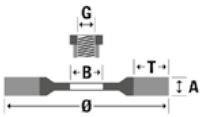
								Steel / 0.20		Steel / 0.30		Steel / 0.50	
ø	**A**	**T**	**Min. B**	**Max. B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	19	16		20	20	10000	4			**9902-511 162**			
100	20	23		20	30	8000	5	**9902-522 142**		**9902-522 162**			
100	28	23		20	30	8000	5			**9902-522 163**			
125	22	30		20	30	6000	5	**9902-532 142**		**9902-532 162**			
125	30	30		20	30	6000	5			**9902-532 163**			
150	21	25		31.75	50.8	6000	3	**9902-544 441**		**9902-544 461**		9902-544 491	
150	30	29		31.75	50.8	6000	3	**9902-544 142**		**9902-544 162**			
150	37	29		31.75	50.8	6000	3			**9902-544 163**		**9902-544 193**	
178	23	38		31.75	50.8	6000	1	**9902-554 441**		**9902-554 461**			
178	32	38		31.75	50.8	6000	1	9902-554 142		**9902-554 162**		9902-554 192	
178	38	38		31.75	50.8	6000	1			**9902-554 163**			
200	20	38		31.75	80	4500	1	**9902-566 441**		**9902-566 461**		9902-566 491	
200	30	38		31.75	80	4500	1	**9902-566 142**		**9902-566 162**		**9902-566 192**	
200	38	38		31.75	80	4500	1			**9902-566 163**		9902-566 193	
250	28	47	20	50.8	100	3600	1	9902-576 142		**9902-576 162**			
250	38	47	20	50.8	100	3600	1			**9902-576 163**		**9902-576 193**	
250	55	47	20	50.8	100	3600	1			9902-576 464			
300	32	50	25.4	50.8	120	3000	1	9902-587 142		**9902-587 162**		9902-587 192	
300	46	50	50.8	101.6	151	3000	1			0002-587 162			
300	44	50	25.4	50.8	120	3000	1			**9902-587 163**		**9902-587 193**	

								INOX / 0.20		INOX / 0.30			
ø	**A**	**T**	**Min. B**	**Max. B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	19	16		20	20	10000	4			9902-511 362			
100	20	23		20	30	8000	4	9902-522 342		**9902-522 362**			
100	28	23		20	30	8000	4			9902-522 363			
125	22	30		20	30	6000	2	9902-532 342		**9902-532 362**			
150	21	25		31.75	50.8	6000	2	**9902-544 341**		**9902-544 361**			
150	30	29		31.75	50.8	6000	2	**9902-544 342**		**9902-544 362**			
178	23	38		31.75	50.8	6000	1	9902-554 341		**9902-554 361**			
178	32	38		31.75	50.8	6000	1			**9902-554 362**			
200	20	38		31.75	80	4500	1	**9902-566 341**		**9902-566 361**			
200	30	38		31.75	80	4500	1	**9902-566 342**		**9902-566 362**			
200	38	38		31.75	80	4500	1			9902-566 363			
250	28	47	20	50.8	100	3600	1	**9902-576 342**		**9902-576 362**			
250	38	47	20	50.8	100	3600	1	**9902-576 343**		**9902-576 363**			
300	32	50	25.4	50.8	120	3000	1	9902-587 342		9902-587 362			
300	44	50	25.4	50.8	120	3000	1	9902-587 343		**9902-587 363**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes, crimped wire

Superior ★★★★☆

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

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

Applications: Fine surface finishing and deburring on geometrically challenging parts

Note: For brush diameters of ∅ 220 to 300 mm, please specify the bore required when ordering

Note: For other bore sizes, refer to table "Standard bores for **multi-row** brushes" on page 178

All-round use of every brush by the bore reduction pieces (included)

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

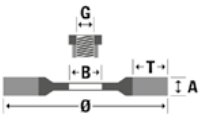
								Steel / 0.20		Steel / 0.30			
Ø	A	T	Min. B	Max. B	R	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	24	43		20	30	6000	3	**9902-543 142**		**9902-543 162**			
178	32	43		31.75	50.8	6000	1			9902-553 162			
200	33	55		31.75	50.8	4500	1	9902-565 142		**9902-565 162**			
200	42	55		31.75	50.8	4500	1			**9902-565 163**			
250	32	63	20	50.8	80	3600	1	9902-575 142		9902-575 162			
250	42	63	20	50.8	80	3600	1			**9902-575 163**			
300	33	70	25.4	50.8	100	3000	1	9902-586 142		**9902-586 162**			
300	45	70	25.4	50.8	100	3000	1			**9902-586 163**			

								INOX / 0.20		INOX / 0.30			
Ø	A	T	Min. B	Max. B	R	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	24	43		20	30	6000	2			9902-543 362			
200	33	55		31.75	50.8	4500	1			**9902-565 362**			
250	32	63	20	50.8	80	3600	1	**9902-575 342**					
300	33	70	25.4	50.8	100	3000	1	9902-586 342					
300	45	70	25.4	50.8	100	3000	1	9902-586 343					

								Brass / 0.20		Brass / 0.30			
Ø	A	T	Min. B	Max. B	R	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	24	43		20	30	6000	2	**9902-543 542**		9902-543 562			
150	32	43		20	30	6000	2			9902-543 563			
200	33	55		31.75	50.8	4500	1	**9902-565 542**		9902-565 562			



Appearance can vary from picture depending on variant.



Wheel brushes for deburring machines, crimped wire

Superior ★★★★☆

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

- 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

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

For other bore sizes, refer to the axis discs on page 195.



							Steel / 0.20		Steel / 0.30		Steel / 0.35	
Ø	**A**	**T**	**B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
250	55	45	100	100	3600	1	**0002-576 145**		**0042-576 165**		**0042-576 175**	

							Steel / 0.50					
Ø	**A**	**T**	**B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
250	55	45	100	100	3600	1	**0002-576 195**					

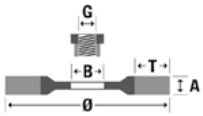
							INOX / 0.20		INOX / 0.30		INOX / 0.35	
Ø	**A**	**T**	**B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
250	55	45	100	100	3600	1	**0002-576 345**		**0042-576 365**		0042-576 375	

							INOX / 0.50					
Ø	**A**	**T**	**B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
250	55	45	100	100	3600	1	**0002-576 395**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes for deburring machines, abrasive filament

Superior ★★★★☆

Wheel brush with abrasive filament, 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 high concentricity accuracy

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

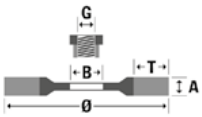
For other bore sizes, refer to the axis discs on page 195.



							Grit 80 / 1.27		Grit 120 / 1.02		Grit 180 / 0.90	
Ø	**A**	**T**	**B**	**R**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
250	55	45	100	100	3600	1	**2102-576 916**		0002-576 906		**0002-576 916**	



Appearance can vary from picture depending on variant.



UNI-Master® wheel brushes, abrasive filament

Evolution ★★★★★

Wheel brush with abrasive filament, high-end 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

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

You will find the right adapters on page 195.



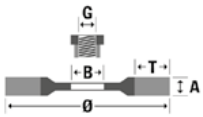
							Grit 80		Grit 120 / 1.02		Grit 180	
ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	15	5/8"	F	20000	6	**9906-015 001**		**9906-015 002**		**9906-015 003**	
100	16	20	5/8"	F	12000	6	**9906-015 025**		**9906-015 026**		**9906-015 027**	
125	16	32	5/8"	F	12000	6	**9906-015 035**		**9906-015 036**		**9906-015 037**	
150	17	32	7/8"	F	8000	6	**9906-015 079**		**9906-015 080**		**9906-015 081**	
178	20	47	7/8"	F	8000	2	9906-015 040		**9906-015 041**		**9906-015 042**	
200	18	35	2"	4-M	6000	2	**9906-015 050**		**9906-015 051**		**9906-015 052**	
250	18	35	2"	4-M	3000	2	**9906-015 056**		**9906-015 057**		**9906-015 058**	
250	18	60	2"	4-M	3600	2	9946-015 056		**9946-015 057**		9946-015 058	
300	18	35	2"	4-M	2400	2	**9906-015 062**		**9906-015 063**		**9906-015 064**	
300	18	60	2"	4-M	3000	2			**9966-015 063**		**9966-015 064**	
350	19	55	2"	4-M	2400	2			**9906-015 069**		**9906-015 070**	

							Grit 320					
ø	A	T	B	Adapt.	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	15	5/8"	F	20000	6	**9906-015 004**					
100	13	20	5/8"	F	12000	6	**9906-015 028**					
125	16	32	5/8"	F	12000	6	**9906-015 038**					
150	17	32	7/8"	F	8000	6	**9906-015 082**					
178	20	47	7/8"	F	8000	2	**9906-015 043**					
200	18	35	2"	4-M	6000	2	**9906-015 053**					
250	18	35	2"	4-M	3000	2	**9906-015 059**					
250	18	60	2"	4-M	3600	2	9946-015 059					
300	18	35	2"	4-M	2400	2	**9906-015 065**					
300	18	60	2"	4-M	3000	2	**9966-015 065**					
350	19	55	2"	4-M	2400	2	9906-015 071					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Wheel brushes, abrasive filament

Superior ★★★★☆

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

- Cost-effective finishing of components with many contours in dry applications
- Suitable for defined edge rounding

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

Note: For other bore sizes, refer to table "Standard bores for **single-row** brushes" on page 178

You will find the right adapters on page 195



									Grit 80		Grit 120		Grit 180	
Ø	**A**	**T**	**Min. B**	**Max. B**	**B**	**Adapt.**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	12	13		13			20000	6	See below		**9902-515 002**		**9902-515 003**	
100	18	18	13	20			12000	6	See below		**9902-515 026**		**9902-515 027**	
150	18	32	13	32	50.8	F	8000	6	**9902-515 079**		**9902-515 080**		**9902-515 081**	
178	20	45	13	32		F	8000	4	**9902-515 040**		**9902-515 041**		**9902-515 042**	
200	18	35	19	40	50.8	4-M	6000	2	**9902-515 050**		**9902-515 051**		**9902-515 052**	
250	20	35	20	40	50.8	4-M	3600	2	**9902-515 056**		**9902-515 057**		**9902-515 058**	
250	18	60	20	40	50.8	4-M	3000	2	**9962-515 056**		9962-515 057		9962-515 058	
300	20	35	20	40	50.8	4-M	2400	2	**9902-515 062**		**9902-515 063**		**9902-515 064**	
300	20	60	20	40	50.8	4-M	3000	2	9962-515 062		**9962-515 063**		9962-515 064	
350	20	57	32	40	50.8	4-M	2400	2			9902-515 069			

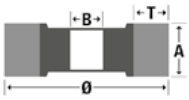
									Novofil 320					
Ø	**A**	**T**	**Min. B**	**Max. B**	**B**	**Adapt.**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	12	13		13			20000	6	**9902-515 004**					
100	18	18	13	20			12000	6	**9902-515 028**					
150	18	32	13	32	50.8		8000	6	**9902-515 082**					
178	18	45	13	32			8000	4	9902-515 043					
200	18	35	19	40	50.8	4-M	6000	2	**9902-515 053**					
250	18	60	20	40	50.8	4-M	3000	2	**9962-515 059**					
300	20	35	20	40	50.8	4-M	2400	2	9902-515 065					
250	20	60	20	40	50.8	4-M	3000	2	9962-515 065					

NHS filament material - Also suitable for use with coolants

									Grit 80					
Ø	**A**	**T**	**Min. B**	**Max. B**	**B**	**Adapt.**	**Max. RPM**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
75	12	13		13			20000	6	9902-515 001					
100	18	18	13	20			12000	6	**9902-515 025**					



Appearance can vary from picture depending on variant.



Roller brushes for deburring machines, crimped wire

Superior ★★★★☆

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

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

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

							Steel / 0.35		INOX / 0.30			
Ø	A	T	B	R	Max. RPM	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
300	440	60	120	120	3600	1	**4602-743 178**					
300	600	60	120	120	3600	1	8802-753 478		1302-753 368			

Good to know ...

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

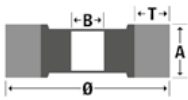


Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Roller brushes



Appearance can vary from picture depending on variant.



Coated abrasive flap rollers

Superior ★★★★☆

Coated abrasive flap rollers, industrial quality, with bore 19 and 4 keyways

- Coated abrasive with aluminium oxide
- Generates a homogeneous surface pattern
- All rollers are supplied in neutral cardboard packaging

Applications: For pre-sanding and texturing

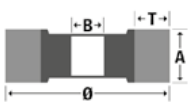
Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row).**



					Grit 40		Grit 60		Grit 80		Grit 120	
Ø	A	B	min^{-1}	PU	Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	0043-010 100		0063-010 100		0083-010 100		0123-010 100	
100	100	19	5000	1					8203-010 100			



Appearance can vary from picture depending on variant.



Coated abrasive and non-woven combi rollers

Superior ★★★★☆

Abrasive flap rollers with non-woven and abrasive cloth combined, industrial quality

- Coated abrasive with aluminium oxide
- Generates a fine surface pattern
- All rollers are supplied in neutral cardboard packaging

Applications: For preparation of a satin finishing process. Ideal for removing minor scratches

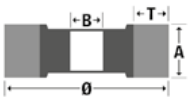
Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row).**



					Grit 60 / coarse		Grit 80 / medium		Grit 120 / fine	
Ø	A	B	min^{-1}	PU	Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	**0063-410 100**		0083-410 100		0123-410 100	
100	100	19	5000	1	8203-410 100					



Appearance can vary from picture depending on variant.



Non-woven (satin) finishing rollers

Superior ★★★★☆

Satin finish rollers with non-woven abrasive material, industrial quality

- Generates a satin, matted surface on all materials
- The surface pattern varies depending on the grit (from coarse to very fine)
- All rollers are supplied in neutral cardboard packaging

Applications: For creating satin finished surfaces

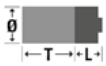
Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row).**



					Grit 80 / coarse		Grit 180 / fine		Grit 320 / very fine	
Ø	A	B	min^{-1}	PU	Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	**0083-310 100**		**0183-310 100**		0283-310 100	
100	100	19	5000	1	8203-310 100					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.





End brushes, crimped wire

Superior ★★★★☆

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

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

				Steel / 0.20		Steel / 0.35		Steel / 0.50	
ø	T	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	95	25	16	0002-509 448		**0002-509 478**		0002-509 498	

				INOX / 0.20		Grit 80		Grit 120 / 0.20 stainless	
ø	T	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	95	25	16			0002-509 908		**5702-509 938**	



Axis discs

Axis discs for table deburring brushes

B	Keyway	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50.8	13.2 x 7.1	1	**5495-560 051**					
52.9	13.5 x 6.4	1	5495-560 052					
54.7	13.6 x 5.8	1	5495-560 054					
80.2	13.5 x 7.5	1	5495-560 080					
82	13.5 x 6.4	1	5495-560 082					

Prices on request



4-M adapters for tortoise-shape bores

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

B	Inches	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
12.7	1/2"	1	0003-075 064					
15.9	5/8"	1	0003-075 065					
19	3/4"	1	0003-075 066					
22.2	7/8"	1	0003-075 067					
25.4	1"	1	**0003-075 068**					
28	1 1/8"	1	0003-075 069					
28	1 1/4"	1	**0003-075 070**					
38	1 1/2"	1	0003-075 071					
50.8	2"	1	0003-075 073					



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"	1/2"	1	0003-000 243					
7/8"	5/8"	1	0003-000 244					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Interchangeable metal adapters

- 1-A circular adapter for bore 2" (50.8 mm); reusable
- 3-A circular adapter for bore 1 1/4" (31.75 mm); reusable

		1-A		3-A			
B	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
1/2"	1	0103-075 021		0103-075 048			
3/4"	1			0103-075 050			
1 1/4"	1	0103-075 027					
1 1/2"	1	0103-075 028					

		1-A		3-A			
B	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
10	1	0103-075 210					
13	1	0103-075 213		0103-075 313			
16	1	0103-075 216		0103-075 316			
20	1	0103-075 220		0103-075 320			
25	1	0103-075 225		0103-075 325			
30	1	0103-075 230					
32	1	0103-075 232					
35	1	0103-075 235					
40	1	0103-075 240					



Hand brushes

Hand brushes	198
Industrial brushes	203
Block brushes	204
Brooms	206
Scrub brushes	208
Dusters	208
Scrub brushes	209
Accessories	210



Appearance can vary from picture depending on variant.



Hand brushes, plastic handle

Perfect ★★★☆☆

Hand brush with crimped wire and plastic handle, craftsman quality

- Osborn bestseller
- Ergonomically shaped handle
- For general use
- Good price/performance ratio
- Due to narrow shape it can be used when space is tight

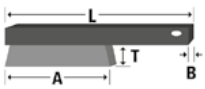
Applications: Quick and easy cleaning work

					Steel, crimped / 0.30		INOX, crimped / 0.30		Brass, crimped / 0.30	
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
140	25	265	1	24	0008-462 291		0008-462 391		0008-462 591	

					Brass-coated steel / 0.30					
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
140	25	265	1	24	0008-462 091					



Appearance can vary from picture depending on variant.



Hand brushes, plastic body

Superior ★★★★☆

Hand brush with plastic body, industrial quality

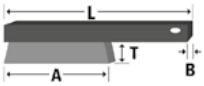
- Ergonomically shaped, sturdy plastic handle
- Dirt-resistant
- Best price/performance ratio

Applications: Simple rust removal and cleaning work

					Steel, straight / 0.35		INOX, straight / 0.30		Brass, crimped / 0.20	
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
140	23	280	3	10	0008-462 133		0008-451 333		0008-447 573	
140	23	280	4	10	0008-462 134		0008-451 334		0008-447 574	



Appearance can vary from picture depending on variant.



Hand brushes, plastic body

Superior ★★★★☆

Hand brush with plastic body, industrial quality

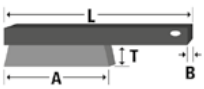
- With particularly ergonomically shaped handle
- Rubber-coated handle makes it anti-slip
- Washable

Applications: Paint removal, rust removal, cleaning

					Steel, straight / 0.35		INOX, straight / 0.30		Brass, crimped / 0.20	
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
110	23	270	3	5	0001-432 603		0001-432 613		**0001-432 623**	
110	23	270	4	5	**0001-432 604**		**0001-432 614**		**0001-432 624**	



Appearance can vary from picture depending on variant.



Brake calliper brushes, plastic body

Superior ★★★★☆

Brake calliper brush with plastic body, industrial quality

- With particularly ergonomically shaped handle
- Rubber-coated handle makes it anti-slip
- Washable
- Its narrow shape makes it ideal when space is tight
- For pinpoint work

Applications: Cleaning brake callipers



					Steel, straight / 0.35		Steel, crimped / 0.30		Brass, crimped / 0.30	
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
95	23	245	2	10	**3301-462 122**		**3301-462 162**		**3301-462 562**	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Hand brushes, wooden body

Superior ★★★★☆

Hand brush with wooden body, industrial quality

- For general use
- Practical pin hole, perfect for workshops
- Diverse selection of filament materials

Applications: Paint removal, rust removal, cleaning

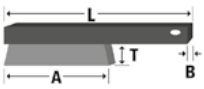
					Brass-coated steel, straight / 0.35		Steel, straight / 0.35			
A	**T**	**L**	**Rows**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
145	25	295	2	12	0001-152 022		**0001-152 132**			
145	25	295	3	12	**0001-152 023**		**0001-152 133**			
145	25	295	4	12	**0001-152 024**		**0001-152 134**			
145	25	295	5	12	**0001-152 025**		**0001-152 135**			
145	25	295	2	100			**0001-151 132**			
145	25	295	3	100			**0001-151 133**			
145	25	295	4	100			**0001-151 134**			
145	25	295	5	100			**0001-151 135**			
145	25	295	6	100			**0001-151 136**			

					INOX, straight / 0.30		INOX, crimped / 0.30		INOX VA4 straight / 0.30	
A	**T**	**L**	**Rows**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
145	25	295	2	12	**0001-151 332**		**0001-151 392**		**0001-152 332**	
145	25	295	3	12	**0001-151 333**		**0001-151 393**		**0001-152 333**	
145	25	295	4	12	**0001-151 334**		**0001-151 394**		**0001-152 334**	
145	25	295	5	12	**0001-151 335**		**0001-151 395**		**0001-152 335**	

					Brass, straight / 0.30		Brass, crimped / 0.30			
A	**T**	**L**	**Rows**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
145	25	295	2	12	0001-158 522		**0001-150 592**			
145	25	295	3	12	**0001-158 523**		**0001-150 593**			
145	25	295	4	12	**0001-158 524**		**0001-150 594**			
145	25	295	5	12	0001-158 525		**0001-150 595**			



Appearance can vary from picture depending on variant.



Hand brushes, wooden body

Superior ★★★★☆

Hand brush with wooden body, industrial quality

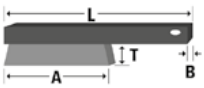
- For general use
- Practical pin hole, perfect for workshops
- Diverse selection of filament materials
- Stainless variant is anti-magnetic

Applications: Paint removal, rust removal, cleaning

					Steel, straight / 0.35		INOX, straight / 0.35		Brass, straight / 0.30	
A	**T**	**L**	**Rows**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
160	30	310	3	12	0901-151 093		0901-152 333		0901-151 593	
160	30	310	4	12	**0901-151 094**		**0901-152 334**		**0901-151 594**	
160	30	310	5	12	0901-151 095		0901-152 335		0901-151 595	



Appearance can vary from picture depending on variant.



Fillet weld brushes, wooden body

Superior ★★★★☆

Fillet weld brush with wooden body, industrial quality

- Osborn bestseller
- V-shaped filament for reaching deep weld and fillet seams
- For pinpoint work
- Pin hole, so perfect for workshops

Applications: Cleaning of deep weld seams (suitable from root seams to fill layers)

					Steel, straight / 0.35		INOX, straight / 0.35			
A	**T**	**L**	**Rows**	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
145	35	295	3	12	**0003-162 133**		**0003-162 333**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Fine scratch brushes, wooden body

Superior ★★★★☆

Fine scratch brush with wooden body, industrial quality

- Dense filament distribution
- For general use
- Flexible wires, so gentle on material

Applications: Particularly soft and filigree cleaning work, sweeping, dust removal

						Brass, crimped / 0.20		Horse hair			
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
105	18	220	22	4	12	0003-165 584		0003-165 964			



Appearance can vary from picture depending on variant.



Spark plug brushes, wooden body

Superior ★★★★☆

Spark plug brush with wooden body, industrial quality

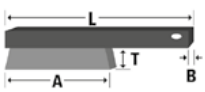
- Perfect size for cleaning standard spark plugs

Applications: Cleaning of electrodes and contacts of spark plugs

						Brass, crimped / 0.20					
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
45	18	189	18	3	24	0003-133 573					



Appearance can vary from picture depending on variant.



Spark plug brushes, plastic body

Superior ★★★★☆

Spark plug brush with plastic body, industrial quality

- Perfect size for cleaning standard spark plugs

Applications: Cleaning of electrodes and contacts of spark plugs

						Brass, crimped / 0.20					
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
33	15	180	15	3	48	0008-432 573					





Appearance can vary from picture depending on variant.

Battery terminal brushes, steel wire

Superior ★★★★☆

Battery terminal brush with plastic body, industrial quality

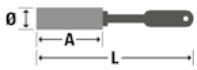
- One brush with two uses - tapered brush filament for cleaning the connection terminals; ring-shaped end with bonded scratch strip for cleaning the battery terminals
- Plastic cover to protect the brush

Applications: Cleaning battery poles and terminals

				Steel, crimped					
Ø	T	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
15/25	65	120	12	**0008-493 100**					



Appearance can vary from picture depending on variant.



Fitting brushes, steel wire

Superior ★★★★☆

Fitting brush with plastic handle, industrial quality

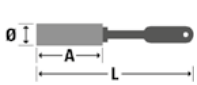
- Quick and efficient cleaning
- Sturdy handle with pin hole

Applications: For the cleaning inside of pipes and solder fittings made of copper and metal

				Steel, straight					
Ø	A	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
13	25	160	12	**0003-075 252**					
16	25	160	12	**0003-075 253**					
19	28	160	12	**0003-075 254**					
23	25	160	12	**0003-075 255**					



Appearance can vary from picture depending on variant.



Hole cleaning brushes, crimped wire

Superior ★★★★☆

Hole cleaning brush with wooden handle, industrial quality

- Sturdy wooden handle
- Many uses

Applications: Use mainly in the building trade for the manual cleaning of (cross) holes and threads; for the cleaning inside of steel, wood and synthetics and for removing chips and loose particles

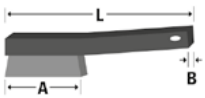
				Steel / 0.30					
Ø	A	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
15	100	280	10	**0002-892 215**					
20	100	280	10	**0002-892 220**					
25	100	280	10	**0002-892 225**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Block brushes



Appearance can vary from picture depending on variant.



File brushes, wooden body

Superior ★★★★☆

File brush with scratch strip and wooden body, industrial quality

- Practical pin hole
- Large brush area, tightly packed with very fine bristles (scratch strip)

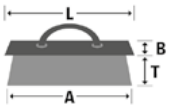
Applications: Particularly stuck chips such as brass, copper or bronze and other impurities on files are removed so that the file can fully unfold its cutting effect the next time it is used

				Steel / 0.30					
A	L	B	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	240	25	12	**0003-140 101**					
110	250	38	12	**0003-140 102**					
105	260	12	12	**3303-140 101** *					

*Without pin hole



Appearance can vary from picture depending on variant.



Block brushes, wooden body

Superior ★★★★☆

Block brush with wooden body and plastic handle, industrial quality

- Nailed on plastic handle enables controlled work
- The variant with variably adjustable intermediate board changes the brush hardness

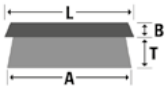
Applications: Cleaning of large surfaces

						Steel, straight / 0.35		Steel, straight / 0.35			
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
190	40	205	60	5	10	**0281-307 095** *		**7601-306 095**			

* With intermediate board



Appearance can vary from picture depending on variant.



Block brushes, wooden body

Superior ★★★★☆

Block brush with wooden body, industrial quality

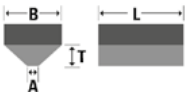
- Practical pin hole
- Ergonomic working, violin shape makes it easier to manoeuvre

Applications: Cleaning of large surfaces

					Steel, straight / 0.35		straight steel Brass-coated / 0.30		Flat wire 0.9 x 0.35	
A	T	L	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	35	190	5	10					0023-179 197	
170	35	210	5	10	**0001-179 097**		**0001-179 297**			



Appearance can vary from picture depending on variant.



Weeding brush, wooden body

Superior ★★★★☆

Weeding brush with wooden body, industrial quality

- The V-shape arrangement of the filament material also enables difficult to access, and deep, places to be cleaned thoroughly
- With 24 mm shaft hole (without thread) for securing a wooden handle for convenient working without having to bend down

Applications: Removal of moss and weeds from pathways and plaster surfaces, in joints and cracks

Find the broom handle that is right for you under Accessories on page 210.



						Steel, straight / 0.35					
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
4	38	100	35	3	25	0001-261 173					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

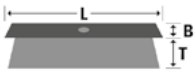
Brooms

Broom wooden body

Superior ★★★★☆



Appearance can vary from picture depending on variant.



Broom with wooden body, industrial quality, diameter for broom shaft 22 mm

- Long life
- Sturdy
- Effortless cleaning

Applications: Cleaning, dust removal, sweeping

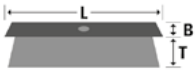
					Steel, straight / 0.50		Steel, flat wire 1.20 x 0.25			
T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	300	60	5	10	**0001-102 095**					
75	300	60	6	10	**0001-102 006**		**0001-102 016**			

Workshop broom, wooden body

Superior ★★★★☆



Appearance can vary from picture depending on variant.



Workshop broom with wooden body and Korfil-D filament, industrial quality

- Particularly rigid, bristles do not bend or buckle like conventional plastic bristles
- Guarantees excellent cleaning performance
- Also cleans up the smallest dirt particles

Applications: Cleaning of workshop floors with high level of dirt

					Nylon / Korfil-D					
T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	400	60	6	1	0001-104 924 *					
75	700	70	7	1	9711-104 925 **					

* Wooden handle with enamel finish, diameter for broom shaft 22 mm

** Find the handle holder that is right for you under Accessories on page 210.

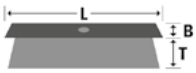


Broom wooden body

Superior ★★★★☆



Appearance can vary from picture depending on variant.



Broom with wooden body, industrial quality

- With handle holder, diameter 28 mm
- Particularly sturdy variant
- Easy to use
- Particularly dense bristles

Applications: Cleaning, dust removal, sweeping, suitable particularly for cleaning outside

Find the broom handle with diameter 28 mm that is right for you under Accessories on page 210.



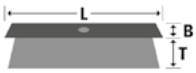
					Cocos		Elastan red			
T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
95	320	66	5	5			**0004-102 925**			
80	290	55	5	20	**0003-102 950**					
80	600	55	6	6	**0003-102 990**		**0003-102 960**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Scrub brushes



Appearance can vary from picture depending on variant.



Scrub brushes, wooden body

Superior ★★★★☆

Scrub brush with wooden body, industrial quality, handle hole diameter 22 mm

- Dense, sturdy filament
- Good cleaning performance

Applications: Cleaning and scrubbing of floors and surfaces

					Steel, straight					
T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	210	60	6	10	**0001-122 096**					
40	210	60	7	10	**0001-120 097**					

Dusters



Appearance can vary from picture depending on variant.



Duster, wooden body

Superior ★★★★☆

Duster with wooden body, industrial quality

- Korfil-D variant is particular rigid and the bristles do not bend or buckle like conventional plastic bristles
- Guarantees excellent cleaning performance
- Also cleans up the smallest dirt particles

Applications: Variant with steel wire is suitable mainly for sweeping metal swarf and similar stubborn machining residues; variant with Korfil-D for all surfaces and floors

						Steel, straight		Nylon / Korfil-D			
A	T	L	B	Rows	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	60	310	35	4	10	**0001-110 114**		**0181-110 924**			

Flat paint brush, plastic handle

Superior ★★★★☆





Appearance can vary from picture depending on variant.

Flat paint brush with plastic handle, industrial quality

- Practical pin hole
- Very low bristle loss
- Good levels of paint absorption and application
- Good stroke pattern

Applications: Application of paint, lacquering and dust removal

Light-coloured bristles

T	B	Size	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
40	20	9	12	**0003-086 102**					
40	30	9	12	**0003-086 103**					
40	40	9	12	**0003-086 104**					
43	50	9	12	**0003-086 105**					

Radiator paint brush, plastic handle

Superior ★★★★☆





Appearance can vary from picture depending on variant.

Paint brush for radiators and corners, with plastic handle, industrial quality

- Practical pin hole
- Long handle
- Perfect shape for places difficult to access
- Non-drip working

Applications: Application of paint in places and corners that are difficult to reach

Light-coloured bristles

T	B	Inches	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
42	38	1 1/2"	12	**1003-086 438**					
42	50.8	2"	12	**1003-086 450**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Accessories



Handle holder, metal

For workshop broom order no. 9711-104 925

PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
1	0003-000 001					



Broom handle, wood

Wood

ø	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
28	1400	5	**0003-999 027**					
24	1300	5	0003-000 024					



Polishing & satin finishing

Manual use	212
Polishing flap discs	215
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Power drills and high-speed machines	224
Satinising machines	226
Stationary machines	229
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Manual use



StarPolish

Superior ★★★★☆

Polishes in handy sized dispenser (250 ml). Special formulas for silver, jewellery, stainless, steel, lacquer and chrome

- Cleans, polishes and preserves in one step
- Contains no silicone
- Water-soluble
- Made in Germany

Applications: Apply and rub with damp sponge, polish with a soft cloth. Done!

	Silver	Jewellery	Stainless	Aluminium	Car finish	Chrome
PU	**Order no.**	**Order no.**	**Order no.**	**Order no.**	**Order no.**	**Order no.**
10	**L979-012 104**	**L979-002 104**	**L979-022 104**	**L979-002 103**	**L979-940 340**	**L979-012 103**



StarPolish in a display units

Superior ★★★★☆

Eye-catcher on the counter – StarPolish polishes in impressive display boxes

- The household display box contains six bottles each for silver, jewellery and stainless steel
- The car display box contains six bottles each for aluminium rims, car finish and chrome
- An attachable panel at the back explains the products and how to use them

	Household display box	Car display box
PU	**Order no.**	**Ordner no.**
1	**8212-600 003**	**8202-600 003**



Info:

Sponge and cloth for applying and polishing are available separately as a kit. See page 213.

How do I apply StarPolish?

Apply and rub with damp sponge, polish with a soft cloth. Done!







Metal polish

Superior ★★★★☆

Practical all-rounder for household, trade and car

- Cleans silver, stainless steel, brass, copper, aluminium and hard plastic materials
- Either in a 1000 ml tin or practical 125 ml tube

Applications: Polish with a moist cloth or sponge, polish again and clean with a soft, clean cloth

ml	PU	Order no.	€ per pcs
125	10	**2103-002 102**	
1000	6	**L669-002 102**	



Metal polishing kit

Superior ★★★★☆

The practical kit in a PET packaging with Euro-standard hole contains a tube of metal polish (125 ml), a sponge for application and polishing, and a cloth for repeated polishing and cleaning

Applications: For polishing chrome, aluminium, silver, stainless steel, brass, copper, etc.



Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

ml	PU	Order no.	€ per pcs
125	10	**1203-600 002**	



Sponge and cloth

Superior ★★★★☆

Best to add to your order: A sponge for applying the StarPolish or metal polish, a soft cloth for repeated polishing. Instructions for use are on the pack itself



Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

PU	Order no.	€ per pcs
10	L979-600 002	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Manual use



Acrylic polish

Superior ★★★★☆

Practical all-rounder for household and leisure. Glossy finish for all non-grained hard plastics, including powder coatings and enamelled surfaces. Either in a 1000 ml tin or practical 125 ml tube

Applications: Use fine sandpaper to initially sand deeper scratches, apply the polish using a moist sponge or cloth, polish, then polish again and clean using a dry, clean and soft cloth

ml	PU	Order no.	€ per pcs
125	10	**2103-002 101**	
1000	6	**L669-002 101**	



Acrylic polishing kit

Superior ★★★★☆

The practical kit contains a tube of Dur plastic polish (125 ml), sandpaper, a sponge for application and polishing, and a cloth for repeated polishing and cleaning.

Applications: For polishing hard, non-grained plastics, plexiglas, polyester, acrylic, etc.

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



ml	PU	Order no.	€ per pcs
125	10	**1203-600 001**	

How do I apply acrylic/metal polish?

Wet-sanding with sandpaper (only for acrylic), apply and rub with damp sponge, clean with soft cloth. Done!











Polimaxx 4 – gloss

Superior ★★★★☆

The gloss polishing flap disc for angle grinders is equipped with lamellas made of a special high-quality felt and is typically used with polishing compounds. This gives the workpiece a mirror finish

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

Polimaxx 1-3 (coarse, medium, fine)

Flap discs for prepolishing processes, refer to page 131



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	Finish	10		**5541 220 100**		562132
125 x 22.23	5 x 7/8	12200	Finish	10		**5542 220 100**		562248



5-part polishing kit for stainless steel finishing

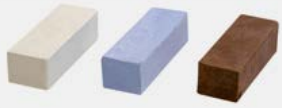
Superior ★★★★☆

- 1 x POLIMAXX 1 polishing flapped disc
- 1 x POLIMAXX 3 polishing flapped disc
- 1 x POLIMAXX 4 gloss polishing flapped disc
- 1 x blue compound (110g)
- 1 x white compound (110g)

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 040 100**		706208
125 x 22.23	5 x 7/8	12200	Mixed	1		**6900 041 100**		706215

High-gloss polishing of metals in conjunction with polishing compounds.
Our application recommendation:

- First prepare the workpiece with POLIMAXX polishing flap discs in a 1–3 structure
- The POLIMAXX 4 gloss polishing disc is always used with an appropriate polishing compound
- Start with a pre-polishing compound (e.g. white for stainless steel or brown for non-ferrous metals)
- Then use a high-gloss polishing compund (e.g. blue) to achieve a high-gloss surface
- You should ideally use a variable-speed angle grinder. A reduced working speed of 4,500 rpm achieves better polishing results than using the angle grinder at full speed



- White compound = Pre-polish for stainless steel
- Brown compound = Pre-polish for non-ferrous metals
- Blue compound = Gloss polish for stainless and non-ferrous metals

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Polishing compounds



FOR ALL THOSE OFTEN CONFRONTED WITH POLISHING WORK, OSBORN HAS A WHOLE ARRAY OF POLISHING COMPOUNDS IN ITS PRODUCT RANGE.

Osborn Classic® compounds are top-selling products from the Unipol® and Langsol® ranges. The 14 compounds attain excellent results regardless of whether you are brushing, polishing or high-gloss polishing, or want a super-finish. The products can also be applied on aluminium, stainless steel, non-ferrous metals and synthetics (refer to the application matrix below). The compounds can be used with all Osborn buffs in single and multi-step processes.

We will be glad to help if you are looking to define the right buff-compound combination for your polishing project. Talk to us!

Superior ★★★★☆

							Apply on				Matrix		
Process	Colour	Type	Name	Description	Sales Qty	Order no.	Aluminium	Stainless	Non-ferrous	Plastic	fat 1=low, 10=high	cut 1=low, 10=high	gloss 1=low, 10=high
Brushing	Grey	39.038.1	B1000	Greasy, abrasive general brushing compound for deburring and satin finishing	1	**L779840010**	X	X	X		8	9	3
Polishing	Brown	7012	P1000	Cutting compound for brass, high cut and medium gloss	1	**L779007012**			X	X	4	8	4
	Brown	2,292	P2000	All-round cutting compound for lead-free brass, zinc; achieves glossy and line-free surface	1	**L779132001**	X		X		3	7	5
	White	5333	P3000	All-purpose cutting compound for stainless steel, use with sisal buffs	1	**L779005333**		X			6	8	4
	light green	2043 JF	P4000	All-purpose cutting compound for stainless steel, use with cotton buffs	1	**L779930401**		X		X	6	7	4
	Blue	466	P5000	Cut & colour compound for aluminium, stainless, brass and zinc; one-step polishing process	1	**L779000466**	X	X	X		4	6	6
	Orange	Edelgelb	P6000	Cut & colour compound for aluminium, with high fat content for line-free surface, easy degreasing	1	**L779840130**	X				4	4	6
	Dark pink	433	P7000	Cut & colour compound for aluminium, stainless steel, brass and zinc; higher gloss than P5000	1	**L779000433**	X	X	X		3	6	7
	White	G65	P8000	All-round polishing compound for lacquers and plastics	1	**L779001385**				X	3	4	6
Colouring	Beige	9216	C1000	Colouring compound for all lacquers and plastics when higher gloss required	1	**L779920160**				X	2	3	7
	Blue	462	C2000	All-round colouring compound, ideal for stainless steel	1	**L779000462**		X			2	3	8
	light pink	1003A	C3000	All-round colouring compound, ideal for aluminium, zinc and stainless steel	1	**L779191001**	X	X	X		3	3	8
Super finish	Yellow	SA 175	F1000	High end colouring compound achieves a dark shine	1	L779000175		X	X	X	2	2	9
	light orange	Gold easy	F2000	Top colouring compound for a deep line-free gloss	1	L779009510		X		X	1	1	10

1 pcs = 1,000 to 1,200 g



Polishing compounds

Superior ★★★★☆

Polishing compounds, individually packed in a polybag or as a kit of polishes in a practical PET packaging. Please note that the polishing bars have different sizes (refer to the table).

		White		Brown		Blue	
Grams	**PU**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**	**Order no.**	**€ per pcs**
About 110	15	**2103-005 333**		**2103-007 012**		**2103-000 461**	



Kit of polishing compounds

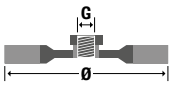
In a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



Grams	PU	Order no.	€ per pcs
Approx. 3 x 50	8	**7902-600 000**	



Appearance can vary from picture depending on variant.



Sisal/cloth and notiflex folded buffs

Superior ★★★★☆

Polishing buffs made of impregnated sisal/cloth, NOTIFLEX® fleece (hard) or NOTIFLEX® fleece (soft). Diameter 100 mm with M14 thread for easy fitting on variable-speed angle grinders and cordless tools

Applications: For cutting, polishing and colouring

Recommendation: Working speed 3500 rpm, or speed 1, for angle grinders with variable speed

In practical PET packaging with Euro-standard hole and short-form directions for use



Sisal/cloth

Ø	G	min⁻¹	PU	Order no.	€ per pcs
100	M14	9000	7	**L940-030 842**	

NOTIFLEX® fleece, hard

Ø	G	min⁻¹	PU	Order no.	€ per pcs
100	M14	9000	7	**L914-000 436**	

NOTIFLEX® fleece, soft

Ø	G	min⁻¹	PU	Order no.	€ per pcs
100	M14	9000	7	**L911-000 436**	

Directions for use:

CUTTING
with sisal/cloth

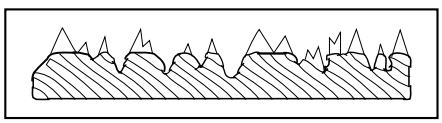
- Please use the white compound for (stainless) steel
- For brass and copper, please start at Step 2 – Polishing

POLISHING
with NOTIFLEX® fleece, hard

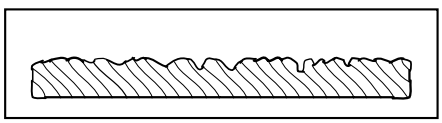
- Please use the white compound for (stainless) steel
- Please use the brown compound for brass, copper and aluminium

COLOURING
with NOTIFLEX® fleece, soft

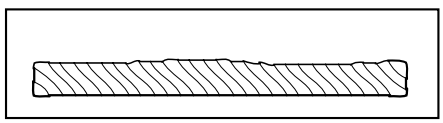
- Please use the blue compound for all materials



Removing defects and scratches



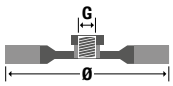
Removing traces of cutting and blending the surface



Achieving a high-gloss surface



Appearance can vary from picture depending on variant.



Polishing kit, 6 pc.

Superior ★★★★☆

Perfectly matched 6 pc. kit for cutting, polishing and colouring steel/stainless, brass, copper and aluminium. Diameter 100 mm with M14 thread for easy mounting on variable-speed angle grinders and cordless tools.

Contains:
- 1 x sisal/cloth (cutting) folded buff
- 1 x NOTIFLEX® fleece hard (polishing) folded buff
- 1 x NOTIFLEX® fleece soft (colouring) folded buff
- 1 x polishing compound white
- 1 x polishing compound brown
- 1 x polishing compound blue

Applications: For cutting, polishing and coluring

Recommendation: Working speed 3500 rpm, or speed 1, for angle grinders with variable speed

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Detailed directions for use on the package.



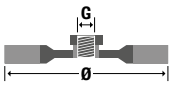
Ø	G	min^{-1}	PU	Order no.	€ per pcs
100	M14	9000	6	**8603-600 006**	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.





Appearance can vary from picture depending on variant.



Lipprite® folded buffs

Superior ★★★★☆

Abrasive non-woven folded buffs (medium, fine, very fine). Diameter 100 mm with M14 thread for easy mounting on variable-speed angle grinders and cordless tools.

Applications: Satinising steel, stainless and aluminium.

Recommendation: Working speed 3500 rpm, or speed 1, for angle grinders with variable speed

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Short-form directions for use on the package



Abrasive non-woven medium

Ø	G	min^{-1}	PU	Order no.	€ per pcs
100	M14	9000	7	**L961-100 012**	

Abrasive non-woven fine

Ø	G	min^{-1}	PU	Order no.	€ per pcs
100	M14	9000	7	**L961-100 076**	

Abrasive non-woven very fine

Ø	G	min^{-1}	PU	Order no.	€ per pcs
100	M14	9000	7	**L960-030 577**	

DIRECTIONS FOR USE:

Required finish result medium

- Please use the **non-woven medium**
- No polish is required for this process

Required finish result fine

- Please use the **non-woven fine**
- No polish is required for this process

Required finish result very fine

- Please use the **non-woven very fine**
- No polish is required for this process

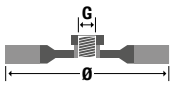








Appearance can vary from picture depending on variant.



Lipprite® 3-pc. satinising kit for metal

Superior ★★★★☆

Perfectly matched 3 pc. kit for satinising of steel/stainless and aluminium.
For easy mounting on variable speed anglegrinders and cordless power tools.

Contains:
- 1 x abrasive non-woven buff, medium
- 1 x abrasive non-woven buff, fine
- 1 x abrasive non-woven buff, very fine

Which buff attains which finish result is on page 220

Applications: Satinising steel, stainless and aluminium

Recommendation: Working speed 3500 rpm, or speed 1, for angle grinders with variable speed

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Detailed directions for use on the package



Ø	G	min^{-1}	PU	Order no.	€ per pcs
100	M14	9000	6	7903-600 004	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Power drills



Polishing kit for brass, plastic and lacquer

Superior ★★★★☆

Perfect kit for polishing and glossing brass, synthetics and lacquer; for use on power drills

Contains:
- 1 x felt polishing disc (for polishing)
- 1 x cloth buff (for glossing)
- 1 x clamp shaft, Ø 6 mm

It is preferable to order at the same time:
Kit of white, brown and blue polishes in practical PET pack.
Order no. 7902600000 (see page 217)

In practical PET packaging with Euro-standard hole and short-form directions for use



Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	10	4000	8	7912-600 000	



Polishing kit for (stainless) steel and aluminium

Superior ★★★★☆

Perfect kit for cutting and polishing of stainless/steel andaluminium for usage on power drills.

Contains:
- 1 x Sisal/cloth (cutting) folded buff
- 1 x Cloth (polishing) folded buff
- 1 x tapered shank, Ø 6 mm

It is preferable to order at the same time:
Kit of white, brown and blue compounds in practical PET packaging.
Order no. 7902600000 (see page 217)

In practical PET packaging with Euro-standard hole and short-form directions for use



Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	10	4000	8	7922-600 000	



Polishing kit, 6 pc.

Superior ★★★★☆

Perfect kit for smaller polishing jobs using a power drill. Polishing with the felt disc, colouring with the folded buff. Please use polishing compound white for polishing of steel and stainless and compound brown for polishing aluminium, brass and copper. For colouring please use compound blue for all materials.

Contains:

- 1 x felt disc
- 1 x folded buff
- White compound
- Brown compound
- Blue compound
- 1 x tapered shank, Ø 6 mm

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Short-form directions for use on the package



Ø	B	min^{-1}	PU	Order no.	€ per pcs
85/80	10	4000	5	**1203-600 000**	



Polishing kit, 10 pc.

Superior ★★★★☆

Perfectly matched 10 pc. kit for cutting, polishing and colouring of steel, stainless, brass, copper, aluminium. Diameter 100 mm with bore 10 mm for easy mounting on power drills.

Contains:

- 2 x Sisal/cloth (cutting) folded buffs
- 2 x NOTIFLEX® fleece hard (polishing) folded buffs
- 2 x NOTIFLEX® fleece soft (colouring) folded buffs
- 1 x Polishing compound white
- 1 x Polishing compound brown
- 1 x Polishing compound blue
- 1 x tapered shank, Ø 6 mm

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Detailed directions for use on the package



Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	10	4000	6	**8603-600 010**	

Power drills



Lipprite® satinising kit, 4 pc.

Superior ★★★★☆

Perfectly tailored 4-part kit for satin finishing (stainless) steel and aluminium. Diameter 100 mm with bore 10 and tapered shank for easy fitting onto power drills.

Contains:

- 1 x non-woven abrasive buff, medium
- 1 x non-woven abrasive buff, fine
- 1 x non-woven abrasive buff, very fine
- 1 x clamp shaft, Ø 6 mm

Have a look at page 220 to find out which buff achieves which finishing result.

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

Detailed directions for use on the package



Ø	B	min⁻¹	PU	Order no.	€ per pcs
100	10	4000	6	**8603-600 004**	

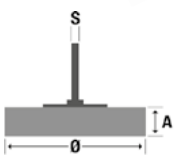
The tapered shank is also available separately. See page 230



Power drills and high-speed machines



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

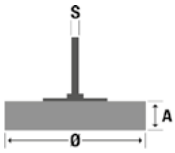
- Homogeneous pattern
- Adapt perfectly to complex contours
- Small surfaces that are difficult to access can be reached perfectly
- Can be used universally on many different materials

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

					AO 60		AO 80		AO 120	
Ø	A	Shaft	min⁻¹	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	30	6	12700	10	**0063-006 030**		**0083-006 030**		**0123-006 030**	



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

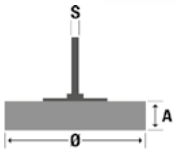
- The combination of two filament materials means minor scratches can be removed, and simultaneously the workpiece can be perfectly readied for satin finishing
- The surface pattern can be tailored to individual needs depending on cutting speed and contact pressure
- The combination of abrasive fleece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

					AO 80 medium		AO 150 fine		SIC 240 fine	
Ø	A	Shaft	min^{-1}	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	40	6	11500	10	0083-406 040		0153-406 040		1243-406 040	



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 du 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

					AO coarse		AO medium		AO fine	
Ø	A	Shaft	min^{-1}	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	30	6	11500	10	**0083-306 030**		**0153-306 030**		**0243-306 030**	

Good to know ...

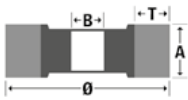
More variants of our flap wheels start on page 166



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Coated abrasive flap rollers

Superior ★★★★☆

Coated abrasive flap rollers, industrial quality, with bore 19 and 4 keyways

- Coated abrasive with aluminium oxide
- Generates a homogeneous surface pattern
- All rollers are supplied in neutral cardboard packaging

Applications: For pre-sanding and texturing

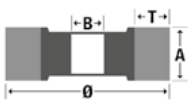
Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row)**



					Grit 40		Grit 60		Grit 80		Grit 120	
Ø	A	B	min^{-1}	PU	Order no.	RRP (€)	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	100	19	5000	1	0043-010 100		0063-010 100		0083-010 100		0123-010 100	
100	100	19	5000	1					8203-010 100			



Appearance can vary from picture depending on variant.



Coated abrasive and non-woven combi rollers

Superior ★★★★☆

Abrasive flap rollers with non-woven and abrasive cloth combined, industrial quality

- Coated abrasive with aluminium oxide
- Generates a fine surface pattern
- All rollers are supplied in neutral cardboard packaging

Applications: For preparation of a satin finishing process. Ideal for removing minor scratches

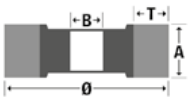
Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row)**



					Grit 60 / coarse		Grit 80 / medium		Grit 120 / fine	
Ø	A	B	min-1	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	100	19	5000	1	**0063-410 100**		0083-410 100		0123-410 100	
100	100	19	5000	1	8203-410 100					



Appearance can vary from picture depending on variant.



Non-woven (satin) finishing rollers

Superior ★★★★☆

Satin finish rollers with non-woven abrasive material, industrial quality

- Generates a satin, matted surface on all materials
- The surface pattern varies depending on the grit (from coarse to very fine)
- All rollers are supplied in neutral cardboard packaging

Applications: For creating satin finished surfaces

Standard items are also available in practical PET packaging with Euro-standard hole **(see the second table row)**



					Grit 80 / coarse		Grit 180 / fine		Grit 320 / very fine	
Ø	A	B	min^{-1}	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	100	19	5000	1	**0083-310 100**		**0183-310 100**		0283-310 100	
100	100	19	5000	1	8203-310 100					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Satinising machines



Sisal/cloth folded buffs

Superior ★★★★☆

Sisal/cloth buffs are excellent cutting tools for metal surfaces such as steel and stainless steel. Surfaces are perfectly prepared for the subsequent polishing processes. The pack contains five buffs, which can be clamped together as roller on a satinising machine.

- In practical PET packaging with Euro-standard hole.
- One pack contains five sisal/cloth buffs

Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	19/6	4000	1	2103-100 944	



Cotton cloth medium soft folded buffs

Superior ★★★★☆

Perfect tool for polishing all metal surfaces. The pack contains 10 buffs, that can be fitted easily onto satinising machines as rollers.

- In practical PET packaging with Euro-standard hole.
- One packs contains 10 polishing buffs

Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	19/6	4000	1	2103-100 896	



Cotton cloth soft folded buffs

Superior ★★★★☆

Achieves perfect high-gloss on a variety of surfaces. Colouring normally represents the end of every polishing process. The pack contains 10 buffs, that can be fitted easily onto satinising machines as rollers.

- In practical PET packaging with Euro-standard hole.
- One packs contains 10 polishing buffs

Ø	B	min^{-1}	PU	Order no.	€ per pcs
100	19/6	4000	1	2103-100 643	



Polishing kit for stationary machines, 3 pc.

Superior ★★★★☆

Universal folded buff kit, for use on stationary machines. In conjunction with our polishing compounds (Page 216), excellently suited to virtually all polishing and finishing applications

Contains:

- 1 x blue cotton cloth (for cutting)
- 1 x marked cotton cloth, 215 (for polishing)
- 1 x cream-coloured cotton cloth (for colouring)

It is preferable to order at the same time:
The right adapter for reducing the bore is on page 230

Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



ø	B	min^{-1}	PU	Order no.	€ per pcs
150	31.75	3000	1	8602-600 003	
200	31.75	3000	1	8612-600 003	

Note: Please select the correct bore size for the equipment available. The standard bore can be adjusted to suit the shaft.

Accessories



Interchangeable metal adapters

Refer to the following table for the bore reductions possible.
The bore is reduced with interchangeable metal adapters.

3-A

B	PU	Order no.	€ per pcs
12.7	1 pair	0103-075 048	
16	1 pair	0103-075 316	
19	1 pair	0103-075 050	
20	1 pair	0103-075 320	
22.2	1 pair	0103-075 051	
25.4	1 pair	0103-075 325	



Tapered shank

Tapered shank for power drill or ductile shaft for clamping polishing and satin finishing buffs with bore 10 mm, to diameter 100 mm.

A kit in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



Ø	S	PU	Order no.	€ per pcs
10-35	6	4	**8103-800 224**	



Industrial brushes

Internal finishing

- SITUFT 232
- HELITUF 233
- Tube brushes 234
- Novoflex 240
- Novofil 241
- Hole cleaning brushes 242
- Other brushes 243
- Sets 244
- Accessories 245

Novotec 246

ATB® - Advanced Technology Brush System 249

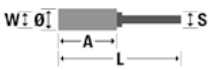
Tungsten carbide burrs 255

MultiZack® 261

SITUFT



Appearance can vary from picture depending on variant.





SITUFT®, crimped Osborn wire

Evolution ★★★★★

SITUFT internal brush with crimped Osborn wire arranged as a wing, high-end quality

- Brushes can be placed into drill chucks, collet chucks and tool spindles
- Use with optional holder possible in clockwise/counter-clockwise direction
- Only clockwise direction possible when used without holder
- The flexibility of the brush increases with increasing brush diameter

Applications: Cleaning of difficult to access drill holes, cross holes, internal surfaces and longitudinal grooves, to be used after the machining process

Brushes denoted by an asterisk are also available as kit. See Page 245



						■ Osborn steel / 0.08 ■		■ Osborn steel / 0.13 ■		■ Osborn steel / 0.20 ■	
W	**Ø**	**A**	**L**	**S**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
6.4	6.7	14	54	2.38	12	**9907-035 021** *		**9907-035 023** *			
8	8.4	14	54	2.38	12	**9907-035 031** *		**9907-035 032** *			
9.5	10	14	54	2.38	12	**9907-035 041**		**9907-035 042** *			
11	11.5	14	54	2.38	12	9907-035 051		**9907-035 052** *			
13	13.1	14	54	3.18	12	**9907-035 061**		**9907-035 062** *			
14	14.5	16	54	3.18	12	9907-035 081		**9907-035 082**		9907-035 083 *	
16	16.3	16	54	3.18	12	9907-035 086		**9907-035 087** *		9907-035 088	
18	19.2	16	54	3.18	12			9907-035 092			
19	20.1	16	54	3.18	12	9907-035 096		9907-035 097		9907-035 098 *	
22	22.8	16	57	3.18	12			**9907-035 107**			
25	26	16	57	3.18	12			9907-035 117		**9907-035 118** *	
29	29.8	16	57	3.18	12			9907-035 127		9907-035 128	
32	32.6	16	57	3.18	12			**9907-035 137**		9907-035 138 *	

						■ Osborn INOX / 0.13 ■					
W	**Ø**	**A**	**L**	**S**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
6	6.7	14	54	2.38	12	9907-035 181					
13	13.1	14	54	3.18	12	9907-035 197					
19	20.1	16	54	3.18	12	9907-035 213					
16	16.3	16	54	3.18	12	9907-035 205					
22	22.8	16	57	3.18	12	9907-035 221					



Appearance can vary from picture depending on variant.





HELITUF®, crimped Osborn wire

Evolution ★★★★★

HELITUF internal brush with crimped Osborn wire arranged in a spiral, high-end quality

- The spiral-shaped filament arrangement simulates a stroke movement and the material cut previously is conveyed perfectly out of the bore
- The brushes can be placed into drill chucks and tool spindles. It is also possible to fit them into collet chucks using Helituf holders.
- Uniform working

Applications: On manually operated machines, for the cleaning and deburring of threaded holes, deburring of edges and longwise recesses (such as keyways)

Brushes denoted by an asterisk are also available as kit. See Page 245



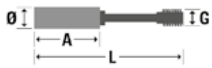
						Osborn steel / 0.13		Osborn steel / 0.20			
W	Ø	A	L	S	PU	Order no.	€	Order no.	€	Order no.	€
6	7.95	25	89	3.4	12	**9907-036 012**					
8	9.5	25	89	3.4	12	**9907-036 017**					
10	11	25	89	3.4	12	**9907-036 022** *		9907-036 023			
11	12.7	25	89	3.4	12	**9907-036 027** *					
13	14.3	25	89	3.4	12	**9907-036 032**		**9907-036 033** *			
14	15.9	25	89	3.4	12	**9907-036 037** *					
16	17.5	25	89	3.4	12	**9907-036 042**		**9907-036 043** *			
18	19	25	89	3.4	12	**9907-036 047** *					
19	20.6	25	89	3.4	12	**9907-036 052**		**9907-036 053** *			
21	22.2	25	89	3.4	12	**9907-036 057** *					
22	23.8	25	89	3.4	12	**9907-036 062**		**9907-036 063** *			
24	25.4	25	89	3.4	12	**9907-036 067** *					
25	27	25	89	3.4	12	**9907-036 072**		**9907-036 073** *			
29	30.1	25	89	3.4	12	**9907-036 082** *					
32	33.3	25	89	3.4	12			**9907-036 093**			

						Osborn INOX / 0.13		Osborn INOX / 0.20			
W	Ø	A	L	S	PU	Order no.	€	Order no.	€	Order no.	€
6	7.95	25	89	3.4	12	9907-036 139					
10	11.1	25	89	3.4	12	**9907-036 147**					
11	12.7	25	89	3.4	12	9907-036 151					
13	14.3	25	89	3.4	12	9907-036 155		9907-036 156			
16	17.5	25	89	3.4	12	**9907-036 163**		9907-036 164			
19	20.6	25	89	3.4	12			**9907-036 172**			
22	23.8	25	89	3.4	12	**9907-036 179**					
25	27	25	89	3.4	12	**9907-036 187**		**9907-036 188**			
32	33.3	25	89	3.4	12			**9907-036 204**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Tube brushes, single spiral, crimped wire

Superior ★★★★☆

Tube brushes with crimped wire, industrial quality, for internal finishing

- Also suitable for manually working with a wire handle to penetrate into deeper bores
- Dense, flexible filament ensures perfect results
- Can also be used in bores with contour

Applications: Tube cleaning, deburring, paint/rust removal, cleaning

Wire handles for extending the brushes with different connection threads are on Page 246

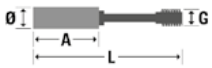


					■ Steel / 0.15 ■		■ Steel / 0.20 ■			
Ø	**A**	**L**	**G**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
10	100	140	M 6	10	**0003-815 210**					
12	100	140	M 6	10	**0002-815 212**					
14	100	140	M 6	10	**0002-815 214**					
15	100	140	5/16”	10	**0002-812 215**					
18	100	140	5/16”	5			**0002-812 218**			
20	100	140	5/16”	10			**0002-812 220**			

					■ Steel / 0.30 ■					
Ø	**A**	**L**	**G**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
25	100	160	1/2”	5	**0002-808 125**					
30	100	160	1/2”	5	**0002-808 130**					
32	100	160	1/2”	5	**0002-808 132**					
38	100	160	1/2”	5	**0002-808 138**					
40	100	160	1/2”	5	**0002-808 140**					
44	100	160	1/2”	5	**0002-808 144**					
50	100	160	1/2”	5	**0002-808 150**					



Appearance can vary from picture depending on variant.



Tube brushes, single spiral, straight wire

Superior ★★★★☆

Tube brushes with straight wire, industrial quality, for internal finishing

- Also suitable for manually working with a wire handle to penetrate into deeper bores
- Dense, flexible filament ensures perfect results
- More aggressive variant

Applications: Tube cleaning, deburring, paint/rust removal, cleaning

Wire handles for extending the brushes with different connection threads are on Page 246

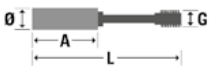


					■ Steel / 0.35 ■		■ Steel / 0.50 ■			
Ø	**A**	**L**	**G**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
63	100	160	1/2" BSW	5	**0002-808 163**					
75	100	160	1/2" BSW	5	**0002-808 175**					
100	100	160	1/2" BSW	5			0002-808 100			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Tube brushes, double spiral, straight wire

Superior ★★★★☆

Tube brush with straight wire, industrial quality, for internal finishing

- High filament density with dual spiral system
- Also suitable for manually working with a wire handle to penetrate into deeper bores
- Can be used in bores with contour

Applications: Tube cleaning, deburring, paint/rust removal, cleaning

Wire handles for extending the brushes with different connection threads are on Page 246

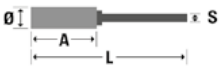


					■ Steel / 0.25 ■		■ Steel / 0.30 ■			
Ø	**A**	**L**	**G**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
25	100	160	1/2" BSW	5	**0003-810 125**					
28	100	160	1/2" BSW	5	**0003-810 128**					
30	100	160	1/2" BSW	5	**0003-810 130**					
32	100	160	1/2" BSW	5			**0003-810 132**			
38	100	160	1/2" BSW	5			**0003-810 138**			
40	100	160	1/2" BSW	5			**0003-810 140**			
44	100	160	1/2" BSW	5			**0003-810 144**			
50	100	160	1/2" BSW	5			**0003-810 150**			
57	100	160	1/2" BSW	5			**0003-810 157**			

					■ Steel / 0.40 ■		■ Steel / 0.50 ■			
Ø	**A**	**L**	**G**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
63	100	160	1/2" BSW	5	**0003-810 163**					
69	100	160	1/2" BSW	5	**0003-810 169**					
75	100	160	1/2" BSW	5	**0003-810 175**					
82	100	160	1/2" BSW	5	**0003-810 182**					
101	100	160	1/2" BSW	5			**0003-810 100**			



Appearance can vary from picture depending on variant.





Micro-abrasive tube brushes, abrasive filament

Superior ★★★★☆

Micro-abrasive tube brushes, industrial quality, for internal finishing

- High levels of flexibility and abrasion resistance
- Low production tolerances
- Very suitable for use on already finished parts
- High deburring rates for comparatively low surface impact
- Can be used on manually operated machines as well as CNC machines and machining centres

Applications: Fine processing, mainly for application on non-ferrous metals, for deburring cross holes, control units, O-ring grooves and cylindrical components

					Abr. bristle / NHS 1000		Abr. bristle / NHA 600			
Ø	A	L	S	PU	Order no.	€	Order no.	€	Order no.	€
0.7	12	100	0.42	12	**0003-056 400**					
1.2	12	100	0.47	12	**0003-056 403**					
1.9	18	100	0.74	12	**0003-056 406**					
2.2	18	100	0.93	12	**0003-056 409**					
2.6	25	100	1.08	12	**0003-056 412**					
3.2	25	100	1.66	12	**0003-056 415**					
3.5	25	100	1.66	12	**0003-056 418**					
4.2	25	125	2.20	12			**0003-056 425**			
4.8	25	125	2.20	12			**0003-056 427**			
5.5	25	125	2.20	12			**0003-056 428**			
6.6	25	125	3.00	12			**0003-056 429**			
8.2	25	125	3.00	12			**0003-056 432**			
9.8	25	125	3.40	12			**0003-056 435**			
11.5	25	125	3.40	12			**0003-056 436**			
13	25	125	4.20	12			**0003-056 438**			
16	25	125	4.20	12			**0003-056 441**			
17.5	25	125	4.20	12			**0003-056 442**			
19.4	25	125	5.60	12			**0003-056 444**			
22.6	25	125	5.60	12			**0003-056 447**			
25.8	25	125	6.20	12			**0003-056 450**			

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Tube brushes, abrasive filament

Superior ★★★★☆

Tube brushes with abrasive filament, industrial quality, for internal finishing

- High flexibility yet comparatively high deburring rate
- Retention of the edge geometry without significant rounding
- Can be used on manually operated machines as well as high-tech CNC machines and machining centres

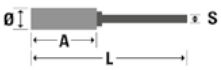
Applications: Deburring of cross holes, control units, O-ring grooves and cylindrical bores

Recommendation: The brush size should exceed diameter of the bore by 10 to 15%.

				Novofil 80		Novofil 120		Novofil 320	
Ø	A	L	PU	Order no.	€	Order no.	€	Order no.	€
6	50	125	12			**0003-056 306**		**0003-056 326**	
7	50	125	12			0003-056 307		0003-056 327	
8	50	125	12			**0003-056 308**		**0003-056 328**	
10	50	125	12	0003-056 010		**0003-056 310**		**0003-056 330**	
13	50	125	12	**0002-056 011**		**0002-056 311**		**0002-056 331**	
16	50	125	12	**0002-056 012**		**0002-056 312**		**0002-056 332**	
19	65	125	12	**0002-056 013**		**0002-056 313**		**0002-056 333**	
22	65	125	12	**0002-056 014**		**0002-056 314**		**0002-056 334**	
25	65	125	12	**0002-056 015**		**0002-056 315**		**0002-056 335**	
32	65	125	12	**0002-056 016**		**0002-056 316**		**0002-056 336**	
38	65	125	12	**0002-056 017**		**0002-056 317**		**0002-056 337**	
50	65	125	12	**0002-056 018**		**0002-056 318**		**0002-056 338**	



Appearance can vary from picture depending on variant.





Tube brushes, nylon-diamond

Superior ★★★★☆

Tube brushes with nylon-diamond, high-end quality, for internal finishing

- During use, a surface already prepared continues to be smoothed, creating a positive effect for subsequent use
- Flexible filament straightens itself when subject to high loading and deformation, and prevents material breaks
- The high-tech bristles can generate a very homogeneous pattern
- Galvanised wire stabilised with brass sheath pressed onto the shaft
- High flexibility yet high performance
- Simple placing into drill and collet chucks

Applications: Edge rounding, deburring of cross holes, processing of honed surfaces. Surface roughness is reduced considerably. Particularly suited to very hard parts (made of ceramic for example), hardened parts and precision components and parts for aerospace

Recommendation: The brush diameter should exceed that of the bore by 10 to 15%.

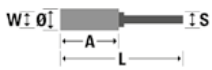
					Nylon / grit 400		Nylon / grit 800			
Ø	**A**	**L**	**S**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
2	20	100	1	2	**0008-852 002** *					
2	20	100	1	10			0008-852 802			
2.5	20	100	1	2	**0018-852 002** *					
3	20	100	1.5	2	**0008-852 003** *					
3.5	20	100	1.5	2			0008-852 803			
3.5	20	100	1.5	10	**0018-852 003** *		0018-852 803			
4	20	115	3	2	**0008-852 004**		0008-852 804			
5	20	115	3	2	**0008-852 005**		**0008-852 805**			
6	20	115	3	2	**0008-852 006**		**0008-852 806**			
7	20	115	3	2	0008-852 007		**0008-852 807**			
8	20	115	3	2	**0008-852 008**		**0008-852 808**			
9	20	115	3	2	0008-852 009		0008-852 809			
10	20	115	4	2	**0008-852 010**		0008-852 810			
12	20	115	6	2	**0008-852 012**		0008-852 812			
15	20	115	6	2	0008-852 015		0008-852 815			
17	20	115	6	2	0008-852 017					
19	20	115	6	2	0008-852 019					
19	20	115	6	10			0008-852 819			
22	20	115	6	2	0008-852 022					
25	20	115	6	2	0008-852 025					
25	20	115	6	10			0008-852 825			

* Without brass sheath

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.





Honing tool Novoflex-B®, abrasive filament

Superior ★★★★☆

Novoflex-B honing tool, high-end quality, for internal finishing

- Flexible, self-centring honing tool
- Creates a plateau finish
- Cross-grinding makes it a good carrier for oil film adhesion
- Can be used on manually operated machines and honing machines
- Use in CNC and NC machines, machining centres and automatic machines. Can be placed into tool spindles.

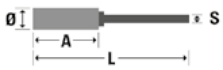
Applications: Motor cylinders, piston rods, boreholes on shafts and cranks, pneumatic and hydraulic cylinders, valve guides, compressed air equipment, wheel cylinders, brake control cylinders, pipes and tubes, and many other applications in the automotive and aerospace industries, as well as hydraulic systems and heat exchangers

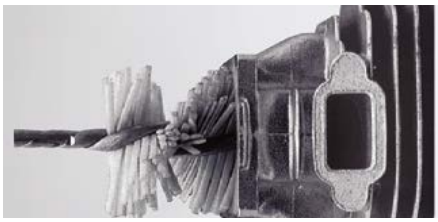
Recommendation: The use of lubricants is always required. We recommend lubricating the Novoflex-B with honing oil before using it. Mineral oil, motor oil, water-soluble oil and cooling lubricants can be used as alternatives. Honing time 20 to 40 seconds. The process time can be reduced to deburr cross and longitudinal holes. Cleaning of holes using hot water and cleaning agent, and Osborn nylon pipe brushes.

						Abr. bristle / grit SIC 120		Abr. bristle / grit SIC 180		Abr. bristle / grit SIC 240	
W	Ø	A	L	S	PU	Order no.	€	Order no.	€	Order no.	€
7	8	50	200	3.6	1			**9828-036 308**			
8	9	50	200	3.6	1	**9818-036 309**		**9828-036 309**			
9	10	50	200	3.6	1	**9818-036 310**		**9828-036 310**			
10	11	60	200	3.6	1	**9818-036 311**		**9828-036 311**			
11	12	60	200	3.6	1	**9818-036 312**		**9828-036 312**			
12	13	60	200	3.6	1	**9818-036 313**		**9828-036 313**		9838-036 313	
14	15.5	60	200	3.6	1	**9818-036 316**		**9828-036 316**			
16	18	60	200	4.6	1	**9818-036 318**		**9828-036 318**		9838-036 318	
18	20	60	200	4.6	1	**9818-036 320**		**9828-036 320**		9838-036 320	
20	22	70	200	4.6	1	**9818-036 322**		**9828-036 322**		9838-036 322	
22	25	70	200	4.6	1	**9818-036 325**		**9828-036 325**		9838-036 325	
24	27	70	200	5.1	1	**9818-036 327**		**9828-036 327**			
25	28	70	200	5.1	1	**9818-036 328**		**9828-036 328**		**9838-036 328**	
27	30	70	200	5.1	1	**9818-036 330**		**9828-036 330**		9838-036 330	
29	32	70	200	5.1	1	**9818-036 332**		**9828-036 332**		**9838-036 332**	
32	35	70	200	5.7	1	**9818-036 335**		**9828-036 335**		9838-036 335	
35	38	70	200	5.7	1	**9818-036 338**		**9828-036 338**			
38	41	70	200	5.7	1	**9818-036 341**		**9828-036 341**			
41	45	70	200	5.7	1	**9818-036 345**		**9828-036 345**			
45	48	70	200	5.7	1	**9818-036 348**		**9828-036 348**			
48	51	70	200	6.5	1	**9818-036 351**		**9828-036 351**			
51	54	70	200	6.5	1	**9818-036 354**		**9828-036 354**			
54	57	70	200	6.5	1	**9818-036 357**		**9828-036 357**			
57	60	70	200	7.3	1	**9818-036 360**		**9828-036 360**		9838-036 360	
60	64	70	200	7.3	1	**9818-036 364**		**9828-036 364**			



Appearance can vary from picture depending on variant.





Novoflex-H®, Novofil®-WF Filament

Evolution ★★★★★

Filament material secured in spiral shape in 2-fold wire core

- Very dense filament
- Very good surface qualities
- Long service life
- The special flat bristles ensure a high contact area with the component worked on

Applications: Generally for the deburring and surface finishing of bores and cylindrical workpieces, such as in motors, pumps and hydraulic, pneumatic and brake cylinders.

Recommendation: The brush diameter should exceed that of the hole by 10 to 15%. Please use oscillating.

					Abr. bristle / grit 120		Abr. bristle / grit 320			
Ø	A	L	S	PU	Order no.	€	Order no.	€	Order no.	€
19	22	90	3.18	6	9907-036 478					
26	23	86	3.18	12	9907-036 302					
26	32	86	3.18	1			9907-036 303			
35	50	125	6.35	2	9907-036 484					
38	50	125	6.35	2	9907-036 304		9907-036 305			
46	50	125	6.35	2	9907-036 489					
56	50	125	6.35	2	9907-036 486					
63	89	160	9.53	2	9907-036 308					
76	102	160	9.53	2	**9907-036 310**		9907-036 311			
89	102	160	9.53	2	**9907-036 312**					
102	102	160	9.53	2	9907-036 314		9907-036 315			
115	102	152	9.53	2	**9907-036 316**					
115	102	152	9.53	6			9907-036 317			
140	127	235	12.7	2	9907-036 320					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.



Appearance can vary from picture depending on variant.



Hole cleaning brushes, crimped wire

Superior ★★★★☆

Hole cleaning brushes with crimped wire, industrial quality, for internal finishing

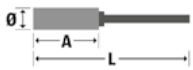
- For manual use
- With comfortable wooden handle

Applications: To clean the insides of steel, wood and synthetic materials. Removal of chips/swarf and loose particles, and paint and lacquer residues

				Steel / 0.15		Steel / 0.20			
Ø	A	L	PU	Order no.	€	Order no.	€	Order no.	€
15	100	280	10	0002-892 215					
20	100	280	10			0002-892 220			
25	100	280	10			0002-892 225			



Appearance can vary from picture depending on variant.



Nozzle cleaning brushes, wire/nylon

Superior ★★★★☆

Nozzle cleaning brushes with wire or nylon filament, industrial quality, for internal finishing

- With 2-fold wire core and eyelet
- Can also be used to clean flexible workpieces such as hoses

Applications: Cleaning, dust removal, deburring, ideal for cleaning nozzles, sockets, hoses, pipes, etc.

				Steel, crimped		Brass, crimped		INOX, crimped	
Ø	A	L	PU	Order no.	€	Order no.	€	Order no.	€
4	100	300	20			**0003-816 504**		**0003-816 304**	
4	100	320	20	**0003-816 204**					
5	100	300	20			**0003-816 505**		**0003-816 305**	
5	100	320	20	**0003-816 205**					
6	100	320	20	**0003-816 206**		**0003-816 506**		**0003-816 306**	
8	100	300	20					**0003-816 308**	
8	100	320	20	**0003-816 208**		**0003-816 508**			
10	100	300	20			**0003-816 510**			
10	100	320	20	**0003-816 210**				**0003-816 310**	
12	100	300	20	**0003-816 212**				**0003-816 312**	
12	100	320	20			**0003-816 512**			
15	100	300	20	**0002-816 215**		**0002-816 515**		**0002-816 315**	
18	100	300	20	**0002-816 218**		**0002-816 518**		**0002-816 318**	
20	100	300	20	**0002-816 220**		**0002-816 520**		**0002-816 320**	
25	100	300	20	**0002-816 225**		**0002-816 525**		**0002-816 325**	

				Nylon					
Ø	A	L	PU	Order no.	€	Order no.	€	Order no.	€
4	100	300	20	**0003-816 804**					
5	100	300	20	**0003-816 805**					
6	100	300	20	**0003-816 806**					
8	100	300	20	**0003-816 808**					
10	100	300	20	**0003-816 810**					
12	100	300	20	**0003-816 812**					
15	100	300	20	**0003-816 815**					
18	100	300	20	**0003-816 818**					
20	100	300	20	**0003-816 820**					
25	100	300	20	**0003-816 825**					

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Other brushes





Appearance can vary from picture depending on variant.

Battery terminal brushes, steel wire

Superior ★★★★☆

Battery terminal brush with plastic body, industrial quality

- One brush with two uses - tapered brush filament for cleaning the connection terminals; ring-shaped end with bonded scratch strip for cleaning the battery terminals
- Plastic cover to protect the brush

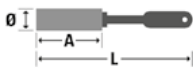
Applications: Cleaning battery poles and terminals

Steel, crimped

Ø	T	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
15/25	65	120	12	**0008-493 100**					



Appearance can vary from picture depending on variant.



Fitting brushes, steel wire

Superior ★★★★☆

Fitting brush with plastic handle, industrial quality

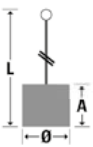
- Quick and efficient cleaning
- Sturdy handle with pin hole

Applications: For the cleaning inside of pipes and solder fittings made of copper and metal

Steel, straight

Ø	A	L	PU	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
13	25	160	12	**0003-075 252**					
16	25	160	12	**0003-075 253**					
19	28	160	12	**0003-075 254**					
23	25	160	12	**0003-075 255**					





Stove pipe cleaner, crimped wire

Superior ★★★★☆

Stove pipe cleaner with crimped wire, industrial quality, for manual cleaning of stove pipes

- The bendy wire is excellent at cleaning bends in pipes

Applications: For cleaning stove pipes and boilers

Steel / 0.30

Ø	A	L	PU	Order no.	€	Order no.	€	Order no.	€
125	120	2000	10	0002-824 213					
125	120	3000	10	**0002-825 213**					
140	120	3000	10	0002-825 214					
160	120	3000	10	**0002-825 216**					



SITUFT® kit, crimped Osborn wire

Evolution ★★★★★

SITUFT internal brush range with crimped Osborn wire arranged as a wing, high-end quality

- Brushes can be placed into drill chucks, collet chucks and tool spindles
- Use with holder (included) possible in clockwise/counter-clockwise direction
- Only clockwise direction possible when used without holder
- The flexibility of the brush increases with increasing brush diameter

Applications: Cleaning of difficult to access drill holes, cross holes, internal surfaces and longitudinal grooves, to be used after the machining process

The individual brushes in this kit are denoted by an asterisk on Page 232.



PU	Order no.	€	Order no.	€	Order no.	€
1	**9907-035 000**					



HELITUF® kit, crimped Osborn wire

Evolution ★★★★★

HELITUF internal brush range with crimped Osborn wire arranged in a spiral, high-end quality

- The spiral-shaped filament arrangement simulates a stroke movement and the material cut previously is conveyed perfectly out of the bore
- Brushes can be placed into drill chucks and tool spindles. It is also possible to fit them into collet chucks using the Helituf holder included.
- Uniform working

Applications: On manually operated machines, for the cleaning and deburring of threaded holes, deburring of edges and tapered grooves (such as keyways)

The individual brushes in this kit are denoted by an asterisk on Page 233.



PU	Order no.	€	Order no.	€	Order no.	€
1	**9907-036 000**					

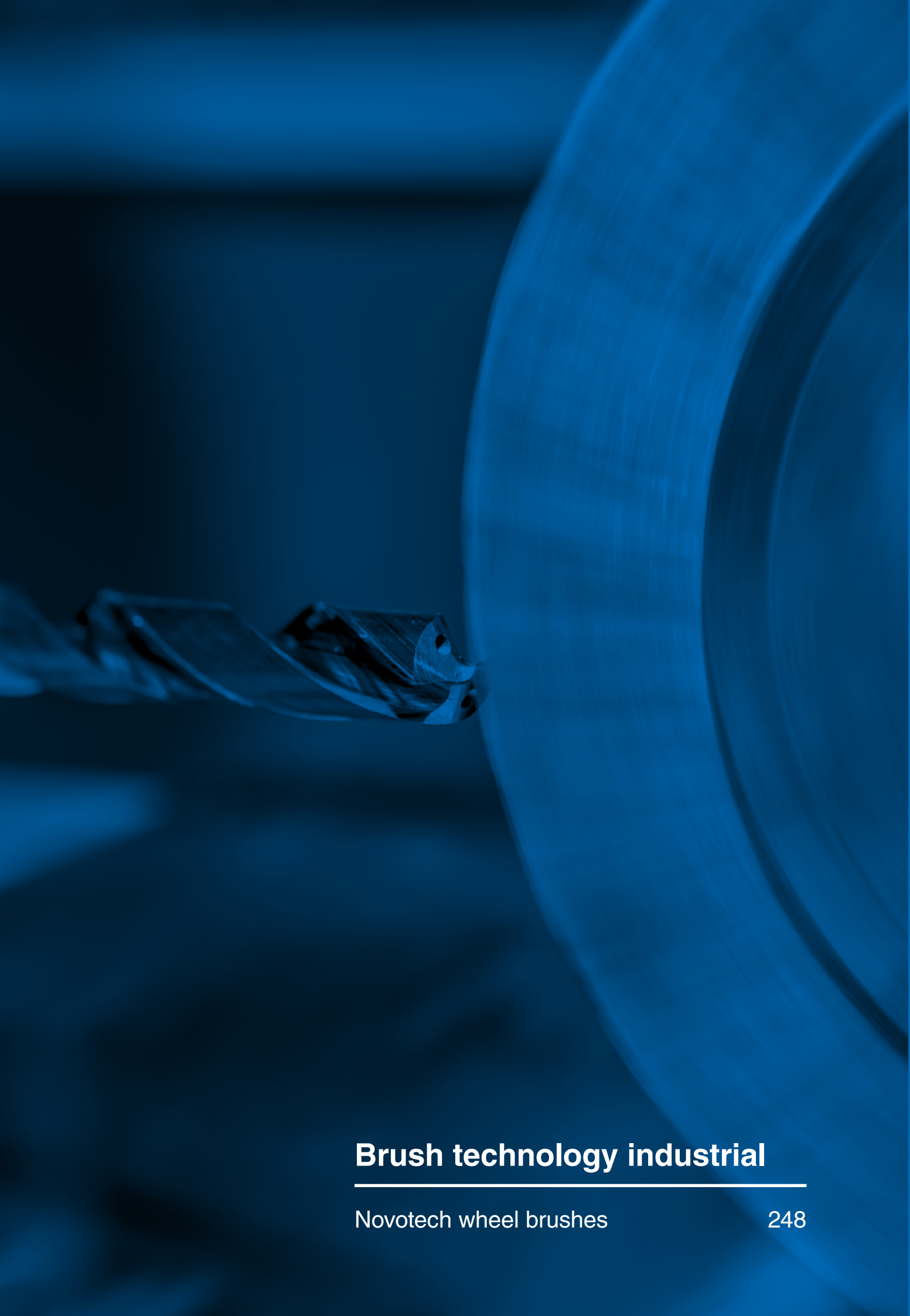


Wire handle

Wire handle for pipe brushes with different connection threads, industrial quality

- Sturdy
- Ductile
- Can also be inserted into moulded bores

			Steel					
G	**L**	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
1/2" BSW	1000	10	**0002-819 110**					
M 6	1000	10	1132-819 110					

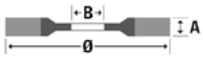


Brush technology industrial

Novotech wheel brushes 248



Appearance can vary from picture depending on variant.



Novotec diamond wheel brushes

Superior ★★★★☆

For the cutting edge preparation of carbide tools. Individual disc brushes wound around a steel flange and with very narrow working widths.
The cutting speed is about 15 m/s (oscillating).

Filament material

The hardest abrasive medium is used as the abrasive grain here - diamond. This guarantees high cutting performance yet at the same time prolongs brush life.

Filament geometry

Round bristles

Applications

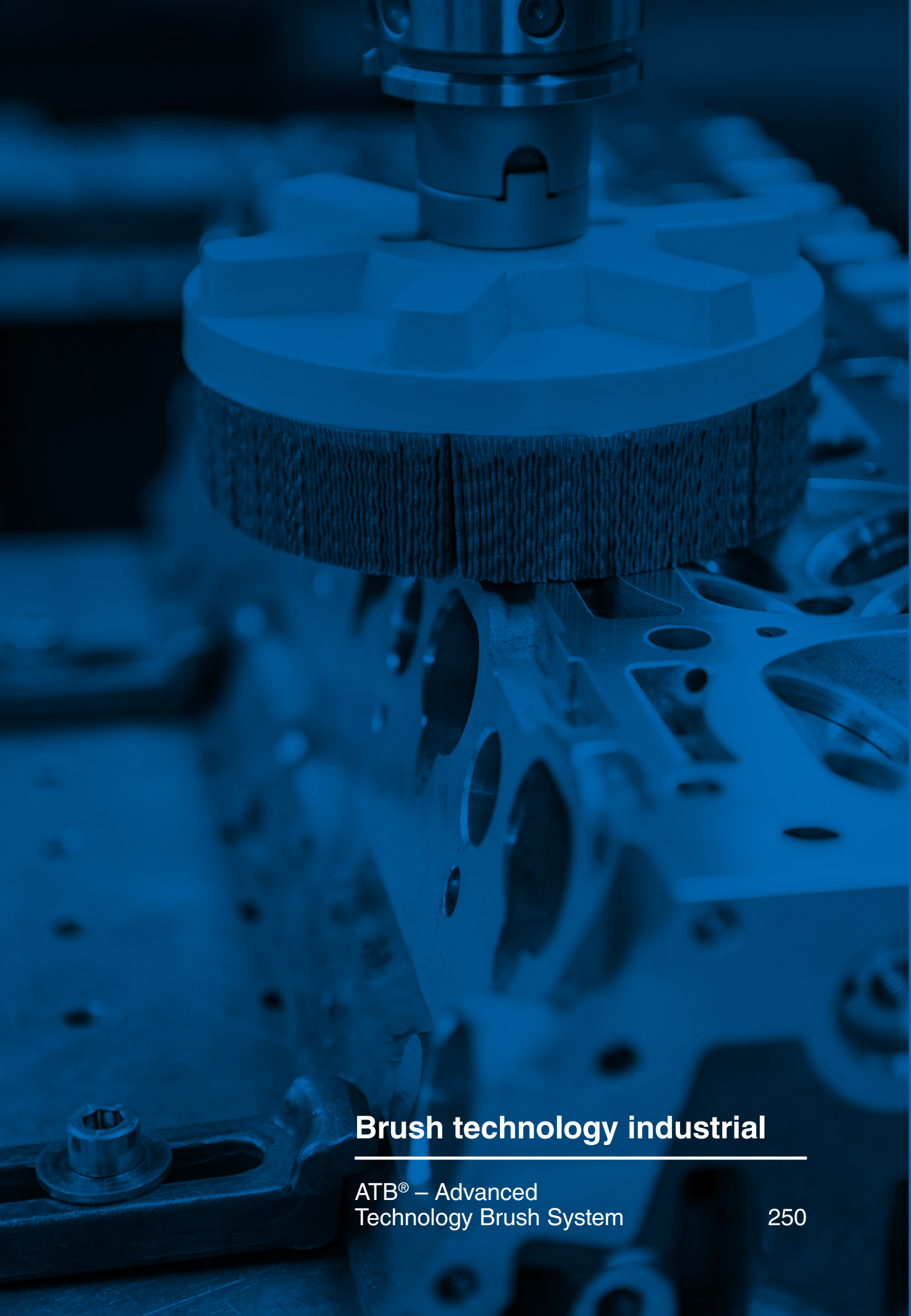
Ceramics
For homogenising the cutting geometries of ceramic reversing plates and for deburring turbo rotors.

Carbide tools
- Carbide drill bits
- Milling tools
- Circular saws
- Reversing plates

The cutting geometries are homogenised here and provided defined cutting edge roundness. This broadly prevents the cutting edge from breaking when used later at high cutting speeds and feed rates.



					Grit 240		Grit 400		Grit 600	
Ø	A	B	RPM	PU	Order no.	€	Order no.	€	Order no.	€
150	4	20	2800	1	2401-901 924		**4001-901 924**		**6001-901 924**	
150	8	20	2800	1	**2401-902 924**		**4001-902 924**		**6001-902 924**	
200	4	20	1400	1	2401-901 926		4001-901 926		**6001-901 926**	
200	8	20	1400	1	2401-902 926		4001-902 926		**6001-902 926**	



Brush technology industrial

ATB® – Advanced
Technology Brush System 250

High-tech brushes for automated deburring



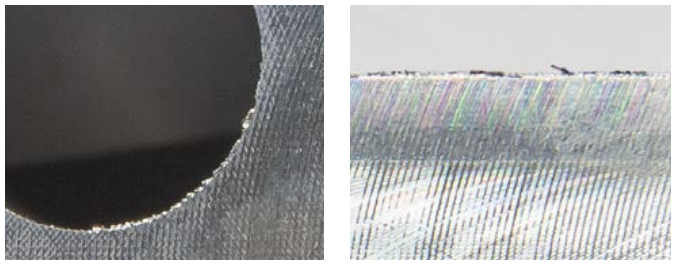
Edge rounding without changing the workpiece geometry

Technical brushes are precision tools that take a major part of the responsibility for the quality of end products. They can be tailored to virtually any material machined in a component-oriented manner.

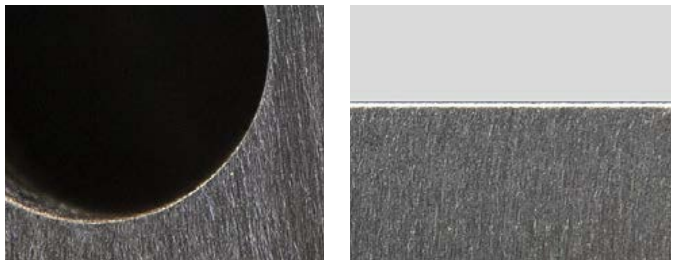
Our ATB® brushes are available to you with a large selection of abrasive bristles having **silicone carbide** or **ceramic** filament, with different grit sizes and filament diameters.

ATB® brushes are designed for direct adaption on tool holders with **face mill arbors** (DIN 6357) and **shell mill mounts** (DIN 6358). This means they can be used on machining centres, CNC millers & lathes and robot cells for example.

Brushes are deployed downstream of the machining process, and the use of cooling lubricants, emulsions and water poses no problems. This means the machined work pieces can be directly deburred and finished in a reliable and reproducible manner without reclamping on the machine.



Before machining - Distinct burrs on the edge. Milling grooves on the surface.



After machining - Burrs have been reliably removed and the edges rounded. The surface has a uniform, brushed appearance.



ATB® brushes are non-cutting tools.
They are used mainly for removing burrs and secondary burrs generated in the upstream machining process. The surface textures of components are positively influenced at the same time.

Deburring directly after the machining process

Shorter cycle times and very uniform edge rounding, and so particularly suited for the deburring of:

- Milled and turned parts
- Ground components
- Sinter parts
- Punched, nippled and pressed parts
- Pneumatic and hydraulic parts
- Engine components such as cylinder heads and cylinder blocks
- Die-cast parts
- Valve plates
- Parts ground flat
- Toothed parts
- Contact and sealing surfaces
- Finishes

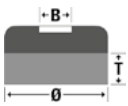
Maximum filament density
Minimum process costs

ATB® brushes have filament densities four times higher than disc brushes manufactured in the conventional way (punched). This means brush life is prolonged many times over - with at the same time quicker processing times and better and more efficient deburring results.

Features

- Bristles are securely casted
- Extremely dense filament surface
- Planar filament surface
- High abrasive grit content for effective deburring
- High levels of form stability and concentricity
- Aggressive brushing effect
- Can be tailored to any material machined
- Use with coolant possible/recommended
- Standardised face mill arbors and shell mill mounts
- Can be used on the same machining center/CNC machine directly after the upstream machining process

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.





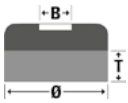
ATB® brushes with maximum fill density, compatible with clamping fixture

Evolution ★ ★ ★ ★ ★

Can be used for deburring components made of the most diverse of materials, such as steel, aluminium and cast iron.

Appearance can vary from picture depending on variant.

					Grit 80		Grit 120		Grit 180		Grit 320	
Ø	T	B	For clamping fixture	PU	Order no.	€	Order no.	€	Order no.	€	Order no.	€
50	35	16 (hexagonal)	K = Fixture with shank	1	6701-604 912		**5411-604 912**		5431-604 912		5441-604 912	
76	35	16 (hexagonal)	L = Fixture with shank	1	3111-604 913		9841-604 913		3311-604 913		3151-604 913	
85	35	16 (hexagonal)	J = Fixture with shank	1	6201-604 914		1601-604 914		**2211-604 914**		6231-604 914	
106	35	16 (hexagonal)	H = Fixture with shank	1	**3101-604 914**		**3221-604 914**		**3321-604 914**		3401-604 914	





ATB® brushes with maximum fill density, for tool holders

Evolution ★ ★ ★ ★ ★

For the deburring of contact and sealing surfaces, and the functional areas of the most diverse of components. They should be used on stationary machines. Usage with cooling lubricant, water or oil is recommended.

Appearance can vary from picture depending on variant.

					Grit 80		Grit 120		Grit 180		Grit 320	
Ø	T	B	For clamping fixture	PU	Order no.	€	Order no.	€	Order no.	€	Order no.	€
125	40	18 + Driving hole	C = Fixture for HSK/SK	1	**3101-604 916**		**3201-604 916**		**3311-604 916**		3401-604 916	
150	40	18 + Driving hole	D = Fixture for HSK/SK	1	3111-604 916		3211-604 916		4341-604 916		3411-604 916	
175	40	18 + Driving hole	E = Fixture for HSK/SK	1	3131-604 916		3231-604 916					
200	40	18 + Driving hole	F = Fixture for HSK/SK	1	8411-604 918		4021-604 918		5901-604 918			
250	38	18 + Driving hole	G = Fixture for HSK/SK	1	6511-604 919		6171-604 916		**2401-604 919**			

Our ATB®-Brushes are also available as wheel brushes. Contact us for further information: service@osborn.de



Clamping fixtures for ATB® disc brushes



Appearance can vary from picture depending on variant.

		INDEX K / Ø 50 mm		INDEX L / Ø 76 mm		INDEX L / Ø 85 mm		INDEX L / Ø 106 mm			
Clamping fixture	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
With shank (Ø 12 mm) and clamping DIN 6535-HB	1	**5002-075 000**		**3642-075 000**		9602-075 000		**3652-075 000**			

		INDEX C / Ø 125 mm		INDEX D / Ø 150 mm		INDEX E / Ø 175 mm		INDEX F / Ø 200 mm		INDEX G / Ø 250 mm	
Clamping fixture	**PU**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**	**Order no.**	**€**
For inclusing on clamping cones HSK/SK tool holder	1	**3602-075 000**		**3612-075 000**		3622-075 000		3692-075 000		**1922-075 000**	

Tool holders

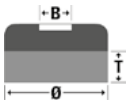


Appearance can vary from picture depending on variant.

Tool holders	for INDEX	PU	Order no.	€
HSK – A63, to DIN 69893	C, D, E, F, G	1	**3603-604 000**	
HSK – A100 to DIN 69893	C, D, E, F, G	1	**3633-604 000**	
SK – 40 to DIN 69871	C, D, E, F, G	1	3613-604 000	
Weldon surface with shank 12 mm diameter, HSK - A63 to DIN 69893	H, J, K, L	1	4933-604 000	
Weldon surface with shank 12 mm diameter, HSK - A100 to DIN 69893	H, J, K, L,	1	6303-604 000	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.





Appearance can vary from picture depending on variant.

ATB® brushes with maximum fill density, for shell mill mount

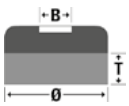
Evolution ★ ★ ★ ★ ★

For the deburring of contact and sealing surfaces, and the functional areas of the most diverse of components. They should be used on stationary machines. Usage with cooling lubricant, water or oil is recommended. For direct mounting on shell mill holders without need of further clamp set / system.

					Grit 80		Grit 120		Grit 180	
Ø	T	B	For fixture	PU	Order no.	€	Order no.	€	Order no.	€
50	35	Ø 16 with groove	Direct to shell mill holder	1	6601-604 912		6501-604 912		6401-604 912	
76	35	Ø 22 with groove	Direct to shell mill holder	1	5521-604 913		5511-604 913		5501-604 913	
106	35	Ø 22 with groove	Direct to shell mill holder	1	5501-604 914		5791-604 914		5521-604 914	
125	35	Ø 22 with groove	Direct to shell mill holder	1	6721-604 916		6821-604 916		6621-604 916	
125	35	Ø 27 with groove	Direct to shell mill holder	1	6761-604 916		6811-604 916		6641-604 916	
150	35	Ø 22 with groove	Direct to shell mill holder	1	6771-604 916		6841-604 916		6651-604 916	



Appearance can vary from picture depending on variant.



ATB® brushes with maximum fill density, Turbo-line

Evolution ★ ★ ★ ★ ★

Brushes for use on continuous deburring systems with planetary heads. They are used for flat parts that need to be produced and deburred using a punching, laser, fine blanking or forming method for example.

The filament position of ATB® Turbo-Line brushes can optionally be angled to the left or right at a defined angle. Depending on the direction of rotation, this can bring about more aggressive and effective deburring, or can limit the brush to a surface finish only.

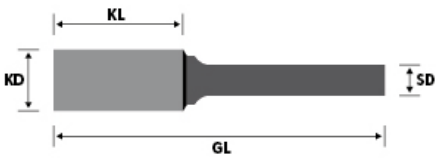
					Grit 80		Grit 120		Grit 180		Grit 320	
Ø	T	B	For mounting	PU	Order no.	€	Order no.	€	Order no.	€	Order no.	€
150	25	Ø 25/35 + 2 Driving holes	TURBO – NEUTRAL	1	**3141-604 916**		3241-604 916		3351-604 916		3441-604 916	
150	25	Ø 25/35 + 2 Driving holes	TURBO – angled RIGHT	1	3181-604 916		3281-604 916		3391-604 916		3481-604 916	
150	25	Ø 25/35 + 2 Driving holes	TURBO – angled LEFT	1	3161-604 916		3261-604 916					



Brush technology industrial

Tungsten carbide burrs 256





Tungsten carbide burrs, Z6 cut

Superior ★★★★☆

Tungsten carbide burrs with Z6 cut offer high material removal and are suitable for universal use on the most important industrial materials.

For processing of: stainless steel, steel, non-ferrous metal, cast iron

Recommended application speed (RPM)

	soft material		hard material	
	• unalloyed steel • cast steel • cast iron		• alloy steel • tool steel • rust and acid resistant steel	
	cutting speed (m/min)		cutting speed (m/min)	
	min. 450	max. 600	min. 250	max. 350
Ø Head (KD)	**RPM**		**RPM**	
3	48.000	64.000	27.000	37.000
6	24.000	32.000	13.000	19.000
8	18.000	24.000	10.000	14.000
9,5	15.000	20.000	8.000	12.000
10	14.000	19.000	8.000	11.000
12	12.000	16.000	7.000	9.000
12,7	11.000	15.000	6.000	9.000
16	9.000	12.000	5.000	7.000









Z6



SHIPYARD

30 % MORE STOCK REMOVAL

More Power?

With our special cut Shipyard, you get a 30 % increase in stock removal thanks to the optimised cutting angle. Available on all head shapes.

Please contact us:
Phone: + 44 1291643200

Recommendations

Problem	Solution
Tool impact/rattle	• Increase clamping length (min. 2/3 of shank length) • Reduce contact pressure • Reduce surface contact (max. 1/3 of head circumference) • Clamp workpiece with less projection
Discolouration of the tool in the transition from milling head to shank	• Reduce speed (see RPM) • Reduce contact pressure • Reduce surface contact (max. 1/3 of head circumference)
Head detaches from the shank	
Problems with broken teeth and premature wear	• Avoid impact loads • Increase clamping length (min. 2/3 of shank length) • Reduce contact pressure • Reduce surface contact (max. 1/3 of head circumference) • Clamp workpiece with less projection

Tailor-made solutions

You need a different cut, shaft length or different dimensions?
We will be pleased to work out a tailor-made solution for your machining process.

Please contact us:
Phone: + 44 1291643200



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Tungsten carbide burrs



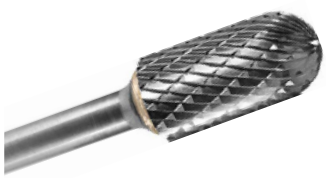
Cylindrical shape (ZYA)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0013-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0003-080 065**
10	20	06	65	Z6	1	15.000 - 25.000	**0013-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0063-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0013-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0003-080 043**



Cylindrical shape, end cuts (ZYA-S)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0023-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0023-080 065**
10	20	06	65	Z6	1	15.000 - 25.000	**0033-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0003-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0023-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0013-080 043**



Round cylindrical shape (WRC)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0033-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0043-080 065**
10	20	06	65	Z6	1	15.000 - 25.000	**0053-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0013-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0033-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0023-080 043**



Spherical shape (KUD)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	05	06	50	Z6	1	25.000 - 40.000	**0043-080 050**
08	6,5	06	51	Z6	1	20.000 - 30.000	**0003-080 051**
10	09	06	54	Z6	1	15.000 - 25.000	**0003-080 054**
12	11	06	54	Z6	1	12.000 - 18.000	**0013-080 054**
16	14	06	59	Z6	1	9.000 - 13.000	**0003-080 059**
03	2,8	03	40	Z6	1	45.000 - 70.000	**0043-080 040**
06	05	03	39	Z6	1	25.000 - 40.000	**0003-080 039**



Oval shape (TRE)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0053-0800 50**
08	13	06	58	Z6	1	20.000 - 30.000	**0003-080 058**
9,5	16	06	61	Z6	1	15.000 - 28.000	**0003-080 061**
12,7	22	06	67	Z6	1	12.000 - 18.000	**0003-080 067**
03	07	03	40	Z6	1	45.000 - 70.000	**0053-080 040**
06	10	03	40	Z6	1	25.000 - 40.000	**0063-080 040**



Flame shape (FLF)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	18	06	50	Z6	1	25.000 - 40.000	**0063-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0063-080 065**
10	25	06	70	Z6	1	15.000 - 25.000	**0023-080 070**
12,7	32	06	77	Z6	1	12.000 - 18.000	**0003-080 077**
03	08	03	40	Z6	1	45.000 - 70.000	**0073-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0033-080 043**



Tree shape (SPG)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0083-080 050**
08	18	06	63	Z6	1	20.000 - 30.000	**0003-080 063**
10	20	06	65	Z6	1	15.000 - 25.000	**0093-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0043-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0093-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0053-080 043**



Round tree shape (RBF)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0073-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0073-080 065**
10	20	06	65	Z6	1	15.000 - 25.000	**0083-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0033-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0083-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0043-080 043**

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Tungsten carbide burrs



Round conical shape (KEL)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0103-080 050**
08	20	06	65	Z6	1	20.000 - 30.000	**0113-080 065**
10	30	06	75	Z6	1	15.000 - 25.000	**0003-080 075**
12,7	32	06	77	Z6	1	12.000 - 18.000	**0013-080 077**
03	13	03	40	Z6	1	45.000 - 70.000	**0113-080 040**



Conical shape (SKM)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
06	16	06	50	Z6	1	25.000 - 40.000	**0093-080 050**
10	20	06	65	Z6	1	15.000 - 25.000	**0103-080 065**
12,7	25	06	70	Z6	1	12.000 - 18.000	**0053-080 070**
03	13	03	40	Z6	1	45.000 - 70.000	**0103-080 040**
06	13	03	43	Z6	1	25.000 - 40.000	**0063-080 043**



Tip shape, angle 60° (KSJ)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
10	13	06	58	Z6	1	15.000 - 25.000	**0013-080 058**



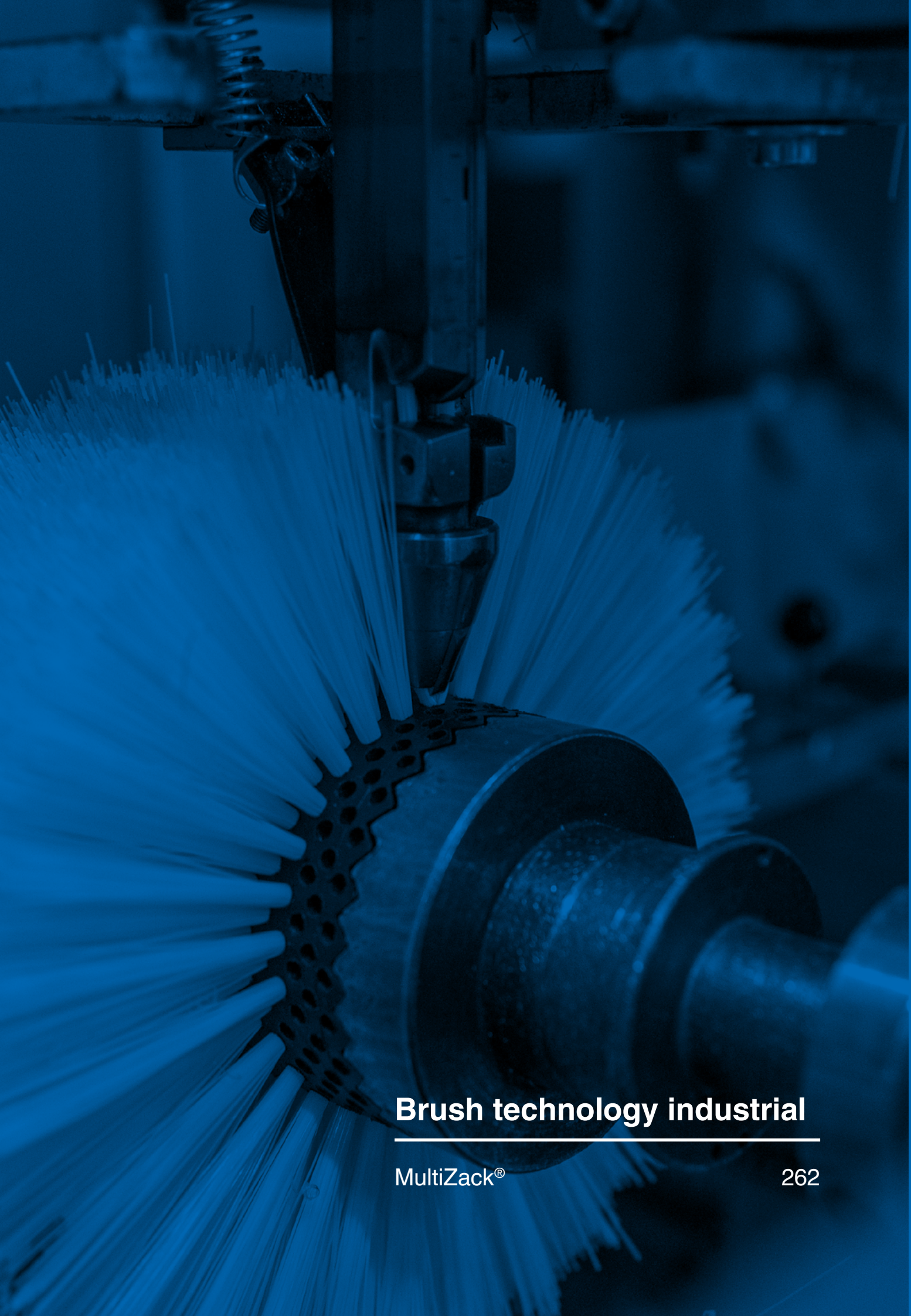
Tip shape, angle 90° (KSK)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
10	08	06	55	Z6	1	15.000 - 25.000	**0003-080 055**



Cup shape (WKN)

KD	KL	SD	GL	KVZ	PU	RPM	Order no.
10	13	06	58	Z6	1	15.000 - 25.000	**0023-080 058**



Brush technology industrial

MultiZack® 262

MultiZack®









Flexible, modular, simple and fast.

A MULTITUDE OF CONFIGURATION OPTIONS.

The MultiZack® brush system from Osborn is a modular design system. In a modular system, brush bodies, filler arrangements, filler densities and various filler materials can be selected and may also be combined.

Seven standardised body diameters are available. The bodies are made from polypropylene with high glass fibre content. The bodies are dimensionally stable, acid and alkali-resistant, safe for use in the food industry, they are light and have a very long service life.

Individual brush segments can be pushed onto a shaft one after the other. The segments are then secured at both ends of the shaft by an adjusting ring. For processing widths above 800 mm additional locking screws are used to secure individual segments.

Replacing worn brush segments is very easy and also cost-effective, because the operator can replace the segment themselves keeping machine downtime to a minimum. Additionally, operating stock is also minimised as there is no need for transporting the roller body when recovering with a new bristle arrangement. The brush segments themselves require very little storage space.

Note: Special designs using alternative materials for the brush body such as wood or hardboard can be produced to suit any specific application.

A MILLION USES

The modular design and simple assembly of the MultiZack® makes it suitable for use for an extremely wide range of different tasks. Here are just a few examples:

Cleaning, washing, polishing, deburring, peeling, oiling, moistening and dust removal of:
Moulds, die plates, dies, foils, conveyor belts, sheets, foodstuffs, containers, wood

Transport, guiding, dividing, sorting, dosing of:
Foodstuffs, tablets, glass and small parts



MultiZack® brushes are suitable for cleaning, transporting and polishing fruit or vegetables.

FILL MATERIALS

A variety of different fill materials can be used.
Most suitable are synthetic monofilaments.

The most commonly used fill materials are nylon (Novofil®) in various versions with and without abrasives as well as natural hair (e.g. horsehair) and pure plant fibres. Depending on the application, wire can also be used as fill material.



Should a customised size for the axle hole diameter be required, the body segment can be fitted with a reducing insert.

Synthetic bristles
in many colours, smooth and crimped
- Nylon (polyamide) PA-6/PA6.6/PA6.10/PA6.12
- Polypropylene PP
- Polyester

Abrasive nylon bristles
with grit size 46-1.000 and the associated thread diameter of 1.5 to 0.25 mm
- Novofil-NHS, NHC, NHA

Wires
- Steel wire
- Stainless steel wire
- Phosphor bronze wire
- Brass wire
- Brass coated steel wire

Plant fibres
- Mexico Fibre / Tampico

Natural hair
- Horsehair
- Goat hair

FILL ARRANGEMENTS

There is a wide selection of fill arrangements to choose from.

The fill materials can also be arranged in an offset pattern.



Fill arranged with fields offset to one another.



Fields of bristles with different coloured fill material, offset to one another.



Fill arranged in a V-shape with a rising spiral from the centre to the left and right.



Full fill



Fill arranged in fields



Spiral fill running to the left



Spiral fill running to the right

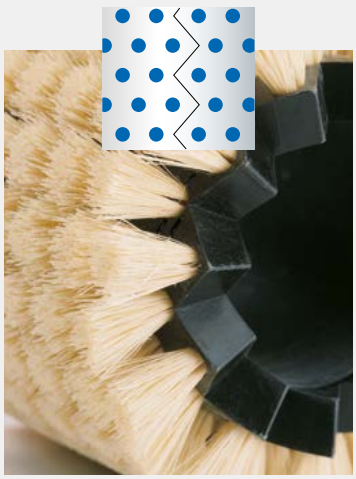


Spiral fill running to the right and to the left

FILL DENSITY

We can provide three fill densities for each body diameter as standard: Loose, medium density and high density.

loose



medium density



high density



TECHNICAL DATA

Designation	Outer Ø max.	Body Ø	Bore	Teeth	Rows	Fill density
MZ 31 06 81	231	31	20	6	12	loose
MZ 31 08 60	231	31	20	8	16	medium density
MZ 31 10 48	231	31	20	10	20	high density
MZ 45 08 88	245	45	25	8	16	loose
MZ 45 12 59	245	45	25	12	24	medium density
MZ 45 16 44	245	45	25	16	32	high density
MZ 57 10 89	257	57	35	10	20	loose
MZ 57 15 60	257	57	35	15	30	medium density
MZ 57 18 50	257	57	35	18	36	high density
MZ 65 12 85	265	65	40	12	24	loose
MZ 65 17 60	265	65	40	17	34	medium density
MZ 65 20 50	265	65	40	20	40	high density
MZ 86 12 112	286	86	60	12	24	loose
MZ 86 20 67	286	86	60	20	40	medium density
MZ 86 30 45	286	86	60	30	60	high density
MZ 100 14 112	300	100	75	14	28	loose
MZ 100 18 87	300	100	75	18	36	medium density
MZ 100 22 71	300	100	75	22	44	high density
MZ 125 18 110	325	125	100	18	36	loose
MZ 125 24 82	325	125	100	24	48	medium density
MZ 125 28 70	325	125	100	28	56	high density

REQUEST AN OFFER

If you wish to provide us with the parameters for your application, we would be more than happy to send you an offer for a MultiZack® brush

Simply download our request form, fill it in and send it off.

Download request form:
https://www.osborn.com//downloads/Osborn-Multizack-Form-EN.pdf

Note: Are you not really sure which configuration is the best choice for your application? No problem. Our application engineers will be happy to advise you.

service@osborn.de

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

BENEFITS OVERVIEW:



- Simple and fast mounting by the operator
- Easy replacement of individual brush segments if they become worn
- Disposable system – the brush shaft can be reused
- Various brush diameters and working widths available
- Standard spindle hole diameters can be modified by inserting adapters
- Multiple segments can be mounted on a single shaft
- Teeth positively lock the segments to the shaft and the bodies are secured with an adjusting ring
- A variety of different fill materials can be used
- Different fill patterns (also with fields of bristles offset to each other)
- Three different fill densities with full cover
- Space-saving storage and favourable transport costs achieved through delivery of individual segments
- No separate packaging is required
- The MultiZack® body has high shape stability and temperature resistance due to the use of glass fibre reinforced plastic
- Homogeneous and closed fill surface without gaps forming between the individual segments



Strip brushes

General information 268

Strip brushes 269

Broomate 270

Strip brushes – versatile all-rounders

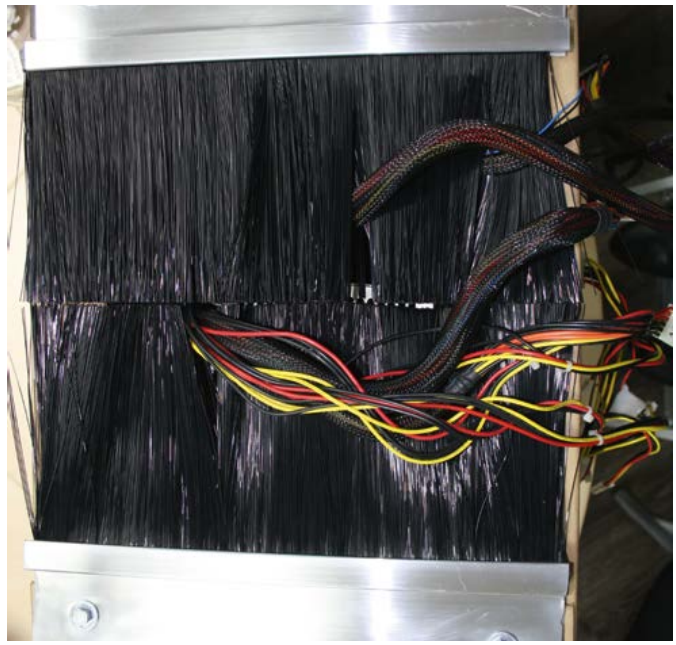
Strip brushes and aluminium retaining rails

Find the perfect solution for your individual application with the strip brushes from Osborn.

Typical applications include:
- Sealing
- Guiding
- Positioning
- Transporting
- Protecting and shielding
- Skirting and plugging of gaps (such as cable feed-throughs)
- Wiping and stripping

Our standard range includes brushes with nylon (PA6) bristles and galvanised steel mountings. **They are available in standard lengths of 3000 mm,** as single units or with aluminium retaining rails with an h (180°) or F (90°) profile. The aluminium retaining rails meet the highest of standards as regards optics and stability.

Custom lengths, profiles and variants are also available provided they satisfy our minimum order requirements.



Brushes with horse hair filament

Also available in our standard range are strip brushes with high-grade, pure horse hair filament.

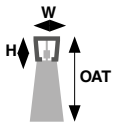
Strip brushes from Osborn with horse hair filament represent effective sealing for any kinds of doors, gates and windows on buildings because they provide protection from cold, draughts, insects, dust and noise.

A positive side effect is effective saving of energy because the durable, UV-resistant horse hair filament ensures optimal thermal insulation. **They are available in standard lengths of 1000 and 2000 mm**, including the 180° aluminium retaining rails.





Appearance can vary from picture depending on variant.



Retaining rails:



90° F profile



180° h profile

Strip brushes with nylon filament

Superior ★★★★☆

Strip brushes including aluminium retaining rails, h profile 180° / F profile 90° with PA6 straight, black for innovative brush-based solutions and diverse applications in all sectors of industry.

Available in lengths of 1000 mm, 2000 mm and 3000 mm.
Also available as other custom lengths in high volumes.

Type A strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
15	3000	2.5	2.7	0.15	**0904-905 822**	

Type A retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	13.5	4.4	4	**0114-906 000**	
90°	14	5.2	5.7	**0214-906 000**	

Type B strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
19	3000	4	3.7	0.15	**0924-905 822**	
45	3000	4	3.7	0.15	0904-905 825	

Type B retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	15	7.3	7	**0124-906 000**	
90°	16	7.3	7	**0224-906 000**	

Type E strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
25	3000	5.1	6.3	0.20	**0924-905 823**	
32	3000	5.1	6.3	0.20	**0904-905 824**	
45	3000	5.1	6.3	0.20	**0914-905 825**	

Type E retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	27	8.2	10	**0144-906 000**	
90°	27	9	10	**0244-906 000**	

Type K strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
50	3000	6.6	7.5	0.20	**0924-905 825**	
75	3000	6.6	7.5	0.30	**0904-905 837**	

Type K retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	30	10	12	**0154-906 000**	
90°	37	12	12	0254-906 000	

Type F strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
60	3000	7.8	8.7	0.50	**0904-905 856**	
75	3000	7.8	8.7	0.30	**0904-905 847**	
115	3000	7.8	8.7	0.50	**0904-905 859**	
60	3000	7.8	8.7	0.90	**0904-905 896**	

Type F retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	33	12	13	**0164-906 000**	
90°	41	13	14	**0264-906 000**	

Type L strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
230	3000	11.4	12.5	0.90	**0904-905 899**	
150	3000	11.4	12.5	0.60	**0904-905 869**	

Type L retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	68	18	17	**0174-906 000**	
90°	62	17	18	0274-906 000	

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Strip brushes



Appearance can vary from picture depending on variant.

Strip brushes with horse hair filament

Superior ★★★★☆

Strip brushes including aluminium retaining rail, h profile 180°, with horse hair filament for the perfect sealing of doors, gates and windows.

T	L	GH	PU	Order no.	€ per pcs
15	1000	40	10	**0004-906 962**	
15	2000	40	10	**0034-906 962**	
25	1000	50	10	**0004-906 963**	
25	2000	50	10	**0034-906 963**	
35	1000	60	10	**0004-906 954**	
35	2000	60	10	**0034-906 954**	
45	1000	70	10	**0004-906 955**	

Strip brush mounting 5x5 mm, galvanised steel

Broomate



Broomate®

At production facilities, there are a lot of areas that need to be cleaned continually. Osborn has developed a sweep solution that meets this need - that is simple, professional and affordable. Our broom is made of high quality strip brushes that are inserted under a galvanized steel hood having a thickness of 5 mm.

The Osborn Broomate® can be attached to a whole range of industrial vehicles and cleans up all kinds of dirt, including liquids. There are no rotating or electrical parts. Just attach the broom to your vehicle - done!

Maintenance-free
- Simple and affordable cleaning solution
- No hydraulics, no motor, no rotating or electrical parts
- Easy to clean with water or high-pressure washer

Sturdy
- 5 mm galvanized steel hood, fork shoes and protective side plates

Diverse attachment options
- The large selection of optional adapters enables it to be attached quickly and easily to virtually any vehicle deployed in industry and agriculture.

Long service life
- Strip brushes can be used for up to 1000 kilometres.

Environmentally-friendly
- All parts can be recycled
- Motor oil and electric power are not required

Simple to exchange
- The brush strips can be replaced in an instant
- Simply open the lock, pull out the old strips, push in the new strips and close the lock

For further information:

Scan the QR code and watch the product video or download the entire brochure.

www.broomate.com



Diamond cutting discs

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General information

TESTED SAFETY

When it comes to safety and quality, Osborn diamond cutting discs are produced and tested in accordance with the latest standards, regulations and norms. They meet the requirements of European safety standard EN 13 236. A majority of the products also fulfil the highest safety requirements of the oSa.

CLEAR PRODUCT LABELLING

The following specifications provide you with an overview of the labelling on our products.

DISC SPECIFICATIONS

Safety information

- Observe the safety instructions of the machine manufacturer
- Use safety goggles
- Use hearing protection equipment
- Wear dust mask
- Wear gloves
- May not be used for grinding

Quality line

Dimension:
Outer diameter, diameter of the bore, max. circumferential speed, max. speed

Indicates special additional features

Standards
Our products meet the highest safety requirements and standards: EN 13 236 – diamond cutting discs oSa – Organization for the Safety of Abrasives



Type designation
In the case of diamond cutting discs, consists of the purpose and the performance class (3 / 4 / 5 / 7), e.g. **U5**
U – Universal
S – Stone slabs
F – Tiles or fine stoneware
B – Concrete
G – Granite and hard stone
A – Abrasive stone or asphalt
AM – Mortar joints

Field of application





THE RIGHT TOOL FOR EVERY TASK



A STRONG PRODUCT IN A STRONG PACKAGE

Packaging that offers more

We think that a top product deserves packaging to match. That's why DRONCO's products have sophisticated, eye-catching packaging that uses visual and tactile features to inform and impress your customers. The outstanding quality of the products and high-quality way our brand is presented enhance your image as a premium retailer. Self-explanatory packaging helps you advise your customers and promotes sales.

Comprehensive protection
The packaging is closed on the sides to provide the product with optimal protection

Colour-coded system with six colours
provide quick orientation

Concise labelling
Product name indicates intended use, product line and additional features

Clear view of the product
Steel core and diamond segments are readily visible

Illustrated application
Customer can see spectrum of applications at a glance

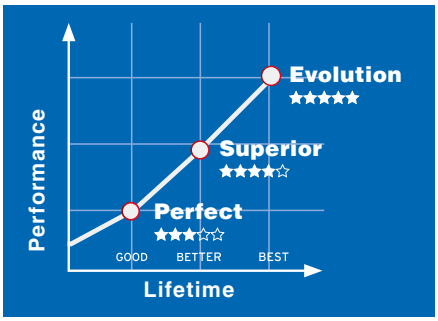
Clear information
All relevant information on the product and packaging can be quickly read and understood

Recommendations for use in 16 languages on back side of packaging

The segment check
'Feel the power." The hole in the packaging lets customers see and feel the diamond segments



QUALITY LINES
FOR EVERY REQUIREMENT



Three quality lines that follow the good-better-best principle

From solid craftsman's quality up to top-class, high-performance tools for intensive industrial use. We offer you just the right tool for every requirement.

All of our products conform to the relevant standards, achieve a high specific cutting performance and guarantee maximum safety.

★★★★★ Evolution

High-power tools with outstanding performance. For intensive professional use that subjects the tool to the highest quality requirements. Evolution products guarantee maximum removal rates and an outstanding service life.
You'll recognise the Evolution Line by its label with five stars.



★★★★☆ Superior / Special

Premium tools for professional users. Effective, durable and cost-effective. Impresses during daily use thanks to its high removal rates and long service life. You'll recognise the Superior Line by its label with four stars.



★★★☆☆ Perfect

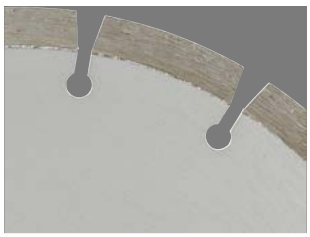
The cutting disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good cutting rate at an attractive price.



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

CORE GEOMETRY

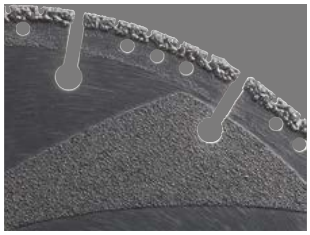
Core shapes



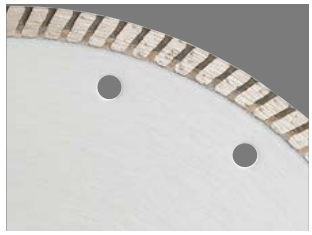
Normal segmentation (C3)
- Narrow slots with slot holes
- Good heat resistance
- Good material removal



Continuous cutting rim (GRF)
- Smooth running
- Clean cut edges



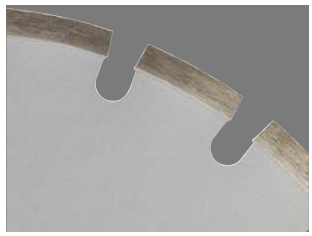
Normal segmentation (C3), diamond brazed
- Narrow slots with slot holes
- Segments are coated with diamonds during vacuum-brazing process
- Good material removal



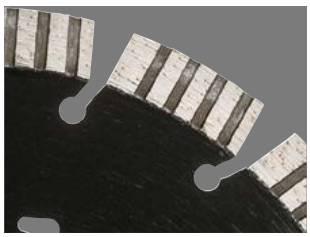
Continuous turbo cutting rim
- Continuous cutting rim
- Smooth running
- Clean, break-out free cut



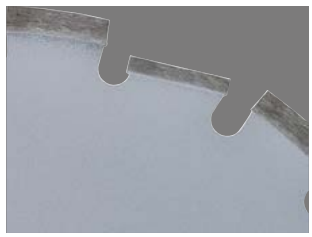
Turbo segmentation (C3)
- Narrow slots with slot holes
- Fast, aggressive cutting
- Longer service life



Wide segmentation (C1)
- Wide segmentation
- Broad slots
- Good material discharge (self-cleaning)



Speed segmentation (C3)
- Narrow segmentation
- Narrow slots with slot holes
- Fast, aggressive cutting
- Longer service life, no cooling breaks
- Also cuts metals



Core guard segments (C1s)
- Broad slots
- Good material discharge
- Oblique guard segments protect core against wear and premature loss of segments

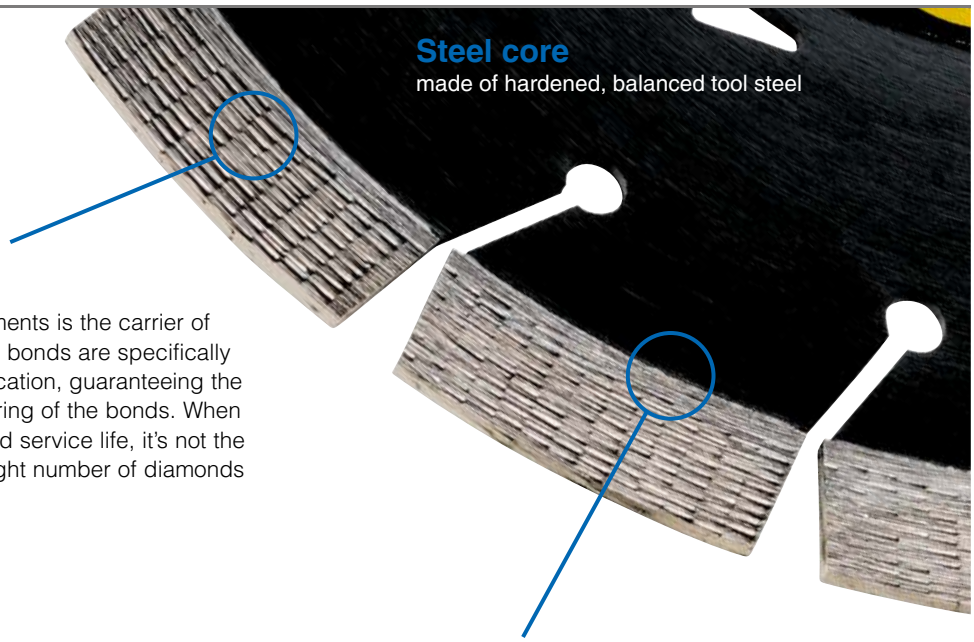
For significantly reduced vibrations and noise

Special sandwich steel cores are used for our ‘protect’ discs and noticeably reduce vibrations and noise during cutting work.





DISC STRUCTURE



Diamond segment

The right bond for every purpose

The bond between the individual segments is the carrier of the synthetic diamonds. The high-tech bonds are specifically tailored to the respective field of application, guaranteeing the best possible results and optimal wearing of the bonds. When it comes to the disc's cutting ability and service life, it's not the highest concentration but rather the right number of diamonds and composition of the bond:

Hard material – Soft bond
Soft material – Hard bond

Poor – Bond is subjected to excessive wear



The diamonds separate prematurely, resulting in a shortened service life.

Poor – Bond is insufficiently worn



The diamonds are polished or broken off at the bond level. New diamonds are not released and the disc becomes dull.

Perfect – Bond is worn to an ideal extent



The diamonds are released evenly. The disc retains its cutting ability and has an ideal service life. The trail of the bond provides the diamonds with ideal protection and ensures optimal cutting ability.

Dry cutting discs

Osborn diamond cutting discs for dry cutting can be used for wet cutting as well without any issues.



Wet cutting blades

Osborn diamond cutting discs for wet cutting may only be used on water-cooled equipment!



Segment bond

Connects the core and the segment

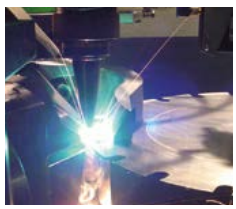
Diamond segments are permanently joined to the core via two methods:

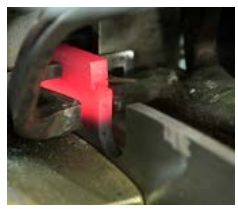
Laser welding method

The diamond segments are permanently welded to the core in this case. This method ensures the highest possible safety during work, as the loss of segments can be almost completely excluded.

Sintering method

This process applies high pressure and heat to sinter the diamond segments and simultaneously join them to the core.





For a better overview: the colour-coding system

FIND THE RIGHT CUTTING DISC IN NO TIME

A colour-coded system with six colours organises the cutting disc packaging according to specific groups of materials. An illustration also indicates the materials for which our cutting discs are suitable. This helps you and your customers make the right choice.

The detailed application table on page 280 helps you make a more precise choice as to which diamond cutting disc is most suitable for your application.

Universal
Yellow



Concrete
Green



Tiles/Stoneware
Turquoise



When should you use a continuous cutting rim?

If you want to cut materials that require a clean cut surface (e.g. tiles, glazed bricks, fine stoneware), we recommend that you use one of our following discs: S3 turbo, S5 turbo, S5 turbo protect, F3, F4 cera or F5 ceraspeed.

The continuous cutting rim prevents material from chipping, helping you achieve a perfect cutting finish. Discs with a continuous cutting rim should only be used up to a cutting depth of 2 cm when dry cutting.

Do you normally cut the same or different types of materials?

Same materials:
We recommend using the following types of discs: A4, B4, B5 and G4.

Different types of materials:
If your applications involve various materials, we recommend using the following disc types: U3, U4, U4 speed, U4 protect, DB4, U5 speed, U5 protect and U7 speed.

Stone slabs
Orange



Granite/Hard stone
Grey



Abrasive stone
Red



APPLICATION TABLE
DIAMOND CUTTING DISCS

●●● extremely suitable
●● very suitable
● suitable
◒ limited suitable

	Page	Asphalt	Basalt	Reinforced steel mesh	Concrete	Concrete, reinforced	Concrete roofing tiles	Composite concrete paving, for driving	Cotto plates	Ductile and cast pipes	Screed, floor pavement, plaster	Eternit	Fine stoneware, Quarry tiles	Refractory bricks	Wall and floor tiles	Green concrete (up to 24 hrs.)
UNIVERSAL / CONSTRUCTION SITE MATERIALS																
ST-7 Quality	282				●		●									
U3 Perfect	282				●		●									
U4 Superior	283		●		●●	●	●	●	●		●					
U4 speed Superior	284		●●	●●	●●	●●	●●	●●	●●	●	●	●●				
DB4 Superior	284		●●	●●	●●	●●	●●	●●	●●	●●	●	●●				
U4 protect Superior	285		●●	●●	●●	●●	●●	●●	●●		●	●●				
U5 speed Evolution	286	●	●●	●●	●●●	●●●	●●●	●●●	●●		●	●●		●●		
U5 protect Evolution	287	●	●●	●●	●●●	●●●	●●●	●●●	●●		●	●●		●		
U7 speed Extreme	288	●	●●	●●	●●●	●●●	●●●	●●●	●●		●	●●		●●		
STONE SLABS / ROOFING TILES																
S3 turbo Perfect	289				●		●●		●				◒		●	
S5 turbo Evolution	289				●●		●●●		●●●				●	◒	●	
S5 turbo protect Evolution	290				●●		●●●		●●●				●	◒	●	
TILES / STONEWARE																
F3 Perfect	291								●						●●	
F4 cera Superior	292				●		●		●●●				●●●		●●●	
F5 cera speed Evolution	293				●		●		●●●				●●●		●●●	
CONCRETE																
B4 Superior	294				●●	●●	●●	●●	●		●	●●				
B5 Evolution	295	◒	●●		●●●	●●●	●●●	●●●	●●●		●	●●●		●		
GRANITE / HARD STONE / NATURAL STONE																
G4 Superior	296		●●●		●		●		●●					●		
ABRASIVE STONES / ASPHALT / MORTAR																
A4 Superior	297	●●●					●				●●●	●		◒		●●
A4 Asphalt Superior	298	●●●					●				●●●	●		◒		●●
A4 M Superior	298				●						●●	●				

	Porous concrete (Ytong)	Gneiss	Granite	Cast iron up to 5-mm	Sand-lime brick	Limestone	Clinker, Engineering bricks	Marble	Paving bricks	Porphyry	Sandstone	Slate	Steels up to 3.5-mm	Terrazzo	Exposed aggregate concrete	Bricks
UNIVERSAL / CONSTRUCTION SITE MATERIALS																
ST-7 Quality	●				●	●					●					●
U3 Perfect	●				●	●					●					●
U4 Superior	●	●	●		●	●				●	●	●		●	●●	●●
U4 speed Superior	●	●	●		●	●	●		●	●	●	●	●	●	●●	●●
DB4 Superior	●	●	●	●	●	●	●	●	●	●	●	●	●●	●	●●	●●
U4 protect Superior	●	●	●		●	●	●		●	●	●	●	●	●	●●	●●
U5 speed Evolution	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
U5 protect Evolution	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
U7 speed Extreme	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
STONE SLABS / ROOFING TILES																
S3 turbo Perfect		●	●		●	●	●	●		●	●	●		●	●	●
S5 turbo Evolution		●●	●●		●	●	●	●		●	●	●		●●	●	●●
S5 turbo protect Evolution		●●	●●		●	●	●	●		●	●	●		●●	●	●●
TILES / STONEWARE																
F3 Perfect																
F4 cera Superior		●	●							●				●		
F5 cera speed Evolution		●●	●●							●				●●		
CONCRETE																
B4 Superior	●					●	◒		◒					●●	●●	●●
B5 Evolution	●●	●	●		●●	●●	●●		●●	●●	●	●●		●●●	●●●	●●●
GRANITE / HARD STONE / NATURAL STONE																
G4 Superior		●●●	●●●		●	●●	●●	●●	●	●●	●	●●		●●	●	
ABRASIVE STONES / ASPHALT																
A4 Superior	●●				●●●						●●●					●●
A4 Asphalt Superior	●●				●●●						●●●					●●
A4 M Superior	●●				●●						●					●●

On which type of machine can the diamond discs be used?



Angle grinders
22.23 mm bore



Table saws
25.4 mm or 30 mm bore



Petrol saws
20 mm or 22.23 mm or 25.4 mm bore

You'll find this information in the detailed description provided for each type of disc on the following pages.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

DIAMOND CUTTING DISCS

Diamond cutting discs universal



ST-7

Quality ★★☆☆☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Segmented diamond cutting disc with sintered segments.

- For universal application with low to normal loads
- Entry-level product at fair price

Field of application: Dry or wet cutting. For construction site materials such as concrete, exposed aggregate concrete and bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2 x 22,23	4 1/2 x 5/64 x 7/8	13300	9	7	C3	1	**4112 485 102**		043419
125 x 2 x 22,23	5 x 5/64 x 7/8	12250	9	7	C3	1	**4122 485 102**		043426
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8500	14	7	C3	1	**4182 485 102**		043433
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	18	7	C3	1	**4232 485 102**		043440



U3

Perfect ★★★☆☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Sintered, segmented diamond cutting disc for use on construction site materials.

- For universal application with low to normal loads
- Good price-performance ratio
- Good cutting ability

Field of application: Dry or wet cutting. For construction site materials such as concrete, exposed aggregate concrete and bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13300	8	10	C3	1	**4113 810 102**		042757
125 x 2 x 22,23	5 x 5/64 x 7/8	12250	9	10	C3	1	**4123 810 102**		042764
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8500	13	10	C3	1	**4183 810 102**		042771
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6650	16	10	C3	1	**4233 810 102**		042788
300 x 3 x 20	12 x 7/64 x 3/4	6400	22	10	C3	1	**4303 805 102**		042795
300 x 3 x 22,23	12 x 7/64 x 7/8	6400	22	10	C3	1	**4303 810 102**		042801
300 x 3 x 25,4	12 x 7/64 x 1	6400	22	10	C3	1	**4303 815 102**		042818
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	20	10	C3	1	**4353 815 102**		042825





U4

Superior ★★★★☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Laser-welded, segmented U4 diamond cutting disc for construction site materials. Maximum safety and very good cutting results at an attractive price.

- For universal application
- Good price-performance ratio
- High cutting speed
- Good service life

Field of application: Dry or wet cutting. For construction site materials such as concrete, exposed aggregate concrete, border stones, natural stone and bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	9	10	C3	1	**4114 185 102**		042832
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	10	10	C3	1	**4124 185 102**		042849
150 x 2,4 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	1	**4154 185 102**		042856
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8500	14	10	C3	1	**4184 185 102**		042863
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	16	10	C3	1	**4234 185 102**		042870
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	1	**4304 180 102**		042887
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	16	10	C3	1	**4304 182 102**		042894
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	16	10	C3	1	**4304 190 102**		042900
300 x 2,8 x 30	12 x 7/64 x 1 1/5	6400	16	10	C3	1	**4304 192 102**		042917
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	1	**4354 180 102**		042924
350 x 2,8 x 22,23	14 x 7/64 x 7/8	5500	19	10	C3	1	**4354 185 102**		042931
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	10	C3	1	**4354 190 102**		042948
350 x 2,8 x 30	14 x 7/64 x 1 1/5	5500	19	10	C3	1	**4354 195 102**		042955
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	10	C3	1	**4404 190 102**		042962
450 x 3,6 x 25,4	18 x 1/8 x 1	4250	32	10	C3	1	**4454 190 102**		042979
Bosch quick-mount X-LOCK									
115 x 2,2 x 22,23	4 1/2 x 3/32 x 7/8	13300	9	10	C3	1	**4914 185 102**		043631
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	9	10	C3	1	**4924 185 102**		043648



XLOCK
This item is also available with the X-LOCK adapter

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

DIAMOND CUTTING DISCS

Diamond cutting discs universal



U4 speed

Superior ★★★★☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Fast-cutting, laser-welded all-purpose disc with broad range of applications. Special speed-slot segments enable a high cutting speed and good all-round characteristics at an attractive price.

- High cutting speed thanks to speed-slot segments
- Special punched core for smooth operation and optimal cooling
- Outstanding price-performance ratio
- No cooling breaks required

Field of application: Dry or wet cutting. For construction site materials such as concrete, reinforced concrete, clinker, artificial and natural stone.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	9	10	C3	1	**4114 521 102**		043044
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	10	10	C3	1	**4124 521 102**		043051
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8500	14	10	C3	1	**4184 521 102**		043068
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6650	15	10	C3	1	**4234 521 102**		043075
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	10	C3	1	**4304 521 102**		043082
300 x 3 x 25,4	12 x 7/64 x 1	6400	20	10	C3	1	**4304 525 102**		043099
350 x 3 x 25,4	14 x 7/64 x 1	5500	23	10	C3	1	**4354 525 102**		043105



DB 4 – all purpose

Superior ★★★★☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Fast-cutting all-round product for wide range of universal applications on any construction site or for emergency operations. Core is coated directly with diamonds during a special vacuum process.

- For universal application with low to normal loads
- Good cutting ability

Field of application: Dry or wet cutting. For numerous materials such as: Artificial and natural stone, concrete, exposed aggregate concrete, concrete paving, clinker slabs, granite slabs, sand-lime brick, brick. Various metals, iron structures and iron profiles, cast iron, sheet metals, non-ferrous metals, ductile pipes, synthetic materials, glass, rubber, fibreglass, plastic, carbon fibre, wood, etc.

Suitable for battery-powered angle grinders (0 115 / 125 mm)

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,4 x 22,23	4,5 x 3/32 x 7/8	13300	9	6	C3	1	**4114 208 102**		042214
125 x 2,4 x 22,23	5 x 3/32 x 7/8	12250	10	6	C3	1	**4124 208 102**		042221
180 x 2,6 x 22,23	7 x 7/64 x 7/8	8500	14	7	C3	1	**4184 208 102**		042238
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6650	16	8	C3	1	**4234 208 102**		042245
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	8	C3	1	**4304 207 102**		042252
350 x 3,4 x 20	14 x 1/8 x 3/4	5500	24	8	C3	1	**4354 207 102**		042269





U4 protect

Superior ★★★★☆

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Laser-welded, all-purpose diamond cutting disc with sandwich core that noticeably reduces vibrations and noise.

- Ergonomic, low-vibration and low-noise* operation
- Outstanding cutting speed
- Very good service life thanks to 10-mm segment height
- An ideal combination of a high level of working comfort and good cutting performance in the middle price segment

Field of application: Dry or wet cutting. For construction site materials such as concrete, reinforced concrete, clinker, artificial and natural stone.

Less noise – reduced vibrations

- A special sandwich core makes work significantly more ergonomic
- Protects people and machines

* Dimension of 230 mm: -8 db(A) under load compared to the U4 diamond cutting disc.



Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	9	10	C3	1	**4114 234 102**		042986
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	10	10	C3	1	**4124 234 102**		042993
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6650	16	10	C3	1	**4234 234 102**		043006
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	20	10	C3	1	**4304 232 102**		043013
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	20	10	C3	1	**4304 234 102**		043020
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	20	10	C3	1	**4304 236 102**		043037

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cutting discs universal





U5 speed

Evolution ★★★★★

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Our best-seller: a laser-welded, all-round cutting disc with speed segments for a fast cut and clean edges. Very good all-purpose characteristics, outstanding service life. For universal application, ranging from soft, abrasive stones to hard/natural stone. Ideal for intensive professional use.

- Top-class, all-round product
- High-performance diamonds for exceptional service life
- Outstanding service life
- Aggressive, laser-welded turbo segments
- 12 to 15-mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For construction site materials such as concrete, reinforced concrete, exposed aggregate concrete. For hard and artificial stones such as gneiss, granite, clinker, porphyry and bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	8	12	C3	1	**4115 386 102**		043167
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	9	12	C3	1	**4125 386 102**		043174
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8500	12	12	C3	1	**4185 386 102**		043181
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6650	16	15	C3	1	**4235 386 102**		043198
300 x 3,2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	1	**4305 657 102**		043204
300 x 3,2 x 25,4	12 x 7/64 x 1	6400	21	15	C3	1	**4305 667 102**		043211
350 x 3,2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	1	**4355 657 102**		043228
350 x 3,2 x 22,23	14 x 7/64 x 7/8	5500	25	15	C3	1	**4355 662 102**		043235
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	25	15	C3	1	**4355 667 102**		043242





U5 protect

Evolution ★★★★★

UNIVERSAL
CONSTRUCTION SITE MATERIALS

Laser-welded, all-round disc with a special precision core with a sandwich design that noticeably reduces vibrations and noise.

The segments are made of high-performance diamonds and a bond that is designed for an extremely high cutting speed. Clean cutting behaviour and a very good service life are also key characteristics of this product.

- 50% less noise, noticeably reduced vibrations
- Top-class, all-round product
- High-performance diamonds for exceptional service life
- Excellent service life
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For construction site materials such as concrete, reinforced concrete, exposed aggregate concrete. For hard and artificial stones such as gneiss, granite, clinker, porphyry and bricks.

50% less noise – reduced vibrations
- A special sandwich core makes work significantly more ergonomic
- Protects people and machines



Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6650	16	10	C3	1	**4235 613 102**		043112
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	20	12	C3	1	**4305 603 102**		043129
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	20	12	C3	1	**4305 624 102**		043136
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	24	12	C3	1	**4355 603 102**		043143
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	24	12	C3	1	**4355 624 102**		043150

Are you familiar with the latest regulations relating to the EU guidelines for protecting workers against noise and vibrations?

Thanks to the U5 protect, responsible employers can provide their staff with a tool that significantly reduces disruptive factors that pose a risk to health. A reduction in the noise level of minus 10 db(A) halves the volume. Thanks to an ingenious high-tech core, the U5 protect decreases the sound level by more than 50%. This also makes cutting operations much more comfortable in the area surrounding the construction site. A further bonus for the user is the noticeable reduction in vibration levels. Together, these two factors add up to an effective method of protecting the user's health – without any loss in performance.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cutting discs universal



U7 speed

Xtreme ★★★★★★★

UNIVERSAL
CONSTRUCTION SITE MATERIALS

This laser-welded all-round disc is ultra-fast and indestructible, featuring special segments with diamonds arranged to guarantee outstanding cutting characteristics. Ideal for intensive professional use.

The U7 speed sets standards and combines all the features that a high-quality, all-round disc can offer:

- Very high cutting speed thanks to innovative segment technology with geometrically arranged high-performance diamonds
- Segments and bond structure are ideally tailored to the cutting speed and universal uses
- Outstanding service life with daily all-round use thanks to flat segments with a height of up to 15 mm alongside a compact volume, a high density of diamonds and optimised bond hardness
- Effortless cutting without physical exertion
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For construction site materials such as concrete, reinforced concrete, exposed aggregate concrete. For hard and artificial stones such as gneiss, granite, clinker, porphyry and bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	9	12	C3	1	**4117 135 102**		043259
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	9	12	C3	1	**4127 135 102**		043266
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8500	12	12	C3	1	**4187 135 102**		043273
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6650	16	15	C3	1	**4237 135 102**		043280
300 x 3,2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	1	**4307 134 102**		043297
300 x 3,2 x 25,4	12 x 7/64 x 1	6400	21	15	C3	1	**4307 136 102**		043303
350 x 3,2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	1	**4357 134 102**		043310
350 x 3,2 x 22,23	14 x 7/64 x 7/8	5500	25	15	C3	1	**4357 135 102**		043327
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	25	15	C3	1	**4357 136 102**		043334





S3 turbo

Perfect ★★★☆☆

STONE SLABS

The cost-effective alternative for cutting stone slabs. Our proven, sintered diamond cutting disc for use on thin construction site materials. The cutting depth should not exceed 2 cm.

- Good cutting ability
- Continuous cutting rim for clean, breakout-free cut edges

Field of application: Dry or wet cutting. For stone slabs made of concrete, concrete roofing tiles, gneiss, granite, terrazzo, bricks.

X-LOCK This item is also available with the X-LOCK adapter

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,1 x 22,23	4,5 x 5/64 x 7/8	13300	-	7	GR	1	**4113 460 102**		042634
125 x 2,1 x 22,23	5 x 5/64 x 7/8	12250	-	7	GR	1	**4123 460 102**		042641
180 x 2,6 x 22,23	7 x 7/64 x 7/8	8500	-	7	GR	1	**4183 460 102**		042658
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6650	-	7	GR	1	**4233 460 102**		042665
Bosch quick-mount X-LOCK									
115 x 2,1 x 22,23	4,5 x 5/64 x 7/8	13300	-	7	GR	1	**4913 460 102**		043679
125 x 2,1 x 22,23	5 x 5/64 x 7/8	12250	-	7	GR	1	**4923 460 102**		043686



S5 turbo

Evolution ★★★★★

STONE SLABS

The premium turbo disc from DRONCO. 9-mm castle segments and a smooth, perforated stainless steel core are this disc's key features. You don't have to worry about limitations to the cutting depth with this turbo disc. It's a true all-rounder on any construction site and is especially popular amongst roofers and garden and landscape specialists.

- Fast-cutting turbo disc for thicker stone slabs as well
- Exceptional service life
- Smooth running
- Clean, breakout-free edges
- Very good all-round characteristics

Field of application: Dry or wet cutting. For concrete, concrete roofing tiles, gneiss, granite, terrazzo, bricks, roofing tiles.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	-	9	GR	1	**4115 441 102**		042672
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	-	9	GR	1	**4125 441 102**		042689
180 x 2,5 x 22,23	7 x 3/32 x 7/8	8500	-	9	GR	1	**4185 441 102**		042696
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6650	-	9	GR	1	**4235 441 102**		042702

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cutting discs for stone slabs



S5 turbo protect

Evolution ★★★★★

STONE SLABS

Highly ergonomic diamond cutting disc with sandwich core that noticeably reduces vibrations and noise. You don't have to worry about limitations to the cutting depth with this turbo disc. and is especially popular amongst roofers and garden and landscape specialists. Perfectly combination of a high level of working comfort, good cutting performance and an attractive price.

- Turbo disc for thicker stone slabs as well
- Ergonomic, low-vibration and low-noise* operation
- Outstanding cutting speed
- Very good service life
- Clean, breakout-free edges
- Laterally extended segments for good cutting clearance
- Waved core for optimal cooling
- Very good all-round characteristics

Field of application: Dry or wet cutting. For concrete, concrete roofing tiles, gneiss, granite, terrazzo, bricks, roofing tiles.

Less noise – reduced vibrations

- A special sandwich core makes work significantly more ergonomic
- Protects people and machines

* Dimension of 230 mm: -8 db(A) under load compared to the U4 diamond cutting disc.



Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	-	7	GR	1	**4115 466 102**		042719
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	-	7	GR	1	**4125 466 102**		042726
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6650	-	7	GR	1	**4235 466 102**		042733



F3

Perfect ★★★☆☆

WALL TILES

Proven thousands of times over: sintered diamond cutting disc with continuous cutting rim for breakout-free edges when cutting tiles.

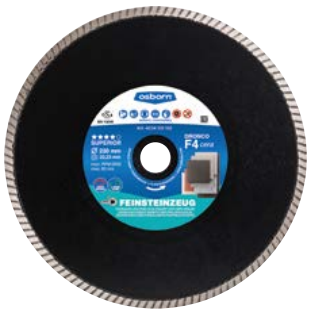
- Good price-performance ratio
- Clean, breakout-free edges
- Good cutting performance during normal use

Field of application: Dry or wet cutting. For wall or floor tiles.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
100 x 1,8 x 16	4 x 5/64 x 5/8	15300	-	5	GR	1	**4103 500 102**		042276
110 x 1,9 x 22,23	4,5 x 5/64 x 7/8	13900	-	5	GR	1	**4113 509 102**		042283
115 x 1,9 x 22,23	4,5 x 5/64 x 7/8	13300	-	5	GR	1	**4113 510 102**		042290
125 x 1,9 x 22,23	5 x 5/64 x 7/8	12250	-	5	GR	1	**4123 510 102**		042306
150 x 2,1 x 22,23	6 x 5/64 x 7/8	10200	-	5	GR	1	**4153 510 102**		042313
150 x 2,1 x 25,4	6 x 5/64 x 1	10200	-	5	GR	1	**4153 515 102**		042320
180 x 2,3 x 22,23	7 x 3/32 x 7/8	8500	-	5	GR	1	**4183 510 102**		042337
180 x 2,3 x 25,4	7 x 3/32 x 1	8500	-	5	GR	1	**4183 515 102**		042344
200 x 2,4 x 22,23	8 x 3/32 x 7/8	7650	-	5	GR	1	**4203 510 102**		042351
200 x 2,5 x 25,4	8 x 3/32 x 1	7650	-	5	GR	1	**4203 515 102**		042368
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	-	5	GR	1	**4233 510 102**		042375
250 x 2,4 x 25,4	10 x 3/32 x 1	6150	-	5	GR	1	**4253 515 102**		042382

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cutting discs for stoneware



F4 cera

Superior ★★★★☆

STONEWARE

The F4 cera is the undisputed favourite amongst tilers!
This thin, high-performance cutting disc with a turbo cutting rim is ideally suited for effortlessly cutting stoneware and quarry tiles. Also ideal for stone slabs of granite and other hard stones.

- Outstanding cutting speed
- Minimal physical effort required
- Clean, breakout-free edges
- Excellent service life

Field of application: Dry or wet cutting. For fine stoneware and high fired tiles. For natural stone slabs of marble, granite or terrazzo.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 1,4 x 22,23	4,5 x 1/8 x 7/8	13300	-	7,5	GR	1	**4114 512 102**		042399
125 x 1,4 x 22,23	5 x 1/8 x 7/8	12250	-	7,5	GR	1	**4124 512 102**		042405
150 x 2 x 25,4	6 x 5/64 x 1	10200	-	7,5	GR	1	**4154 517 102**		042412
180 x 2 x 22,23	7 x 5/64 x 7/8	8500	-	7,5	GR	1	**4184 512 102**		042429
180 x 2 x 25,4	7 x 5/64 x 1	8500	-	7,5	GR	1	**4184 517 102**		042436
200 x 2 x 22,23	8 x 5/64 x 7/8	7650	-	7,5	GR	1	**4204 512 102**		042443
200 x 2 x 25,4	8 x 5/64 x 1	7650	-	7,5	GR	1	**4204 517 102**		042450
230 x 2 x 22,23	9 x 5/64 x 7/8	6650	-	7,5	GR	1	**4234 512 102**		042467
250 x 2 x 25,4	10 x 5/64 x 1	6150	-	7,5	GR	1	**4254 517 102**		042474
300 x 2 x 25,4	12 x 5/64 x 1	6400	-	7,5	GR	1	**4304 517 102**		042481
300 x 2 x 30	12 x 5/64 x 1 1/5	6400	-	7,5	GR	1	**4304 518 102**		042498
350 x 2 x 25,4	14 x 5/64 x 1	5500	-	7,5	GR	1	**4354 517 102**		042504
350 x 2 x 30	14 x 5/64 x 1 1/5	5500	-	7,5	GR	1	**4354 518 102**		042511



F5 cera speed

Evolution ★★★★★

STONEWARE

The tiler's favourite for the finest cuts.
The particularly thin disc and special geometry of the cutting edge enable an exceptional cutting speed along with comfortable, smooth working conditions. The 10-mm-high diamond segmentation ensures an optimal service life. This blade offers maximum safety thanks to the integrated flange around the bore.

- Thin 1.2-mm cutting rim with special geometry
- Clean, breakout-free edges
- Minimal loss of material
- Exceptionally fast cutting
- Ergonomic, smooth cutting
- Very good service life thanks to 10-mm segment height

Field of application: Dry or wet cutting. For stoneware and high fired tiles. For natural stone slabs of marble, granite or terrazzo.

Suitable for battery-powered angle grinders

This item is also available with the X-LOCK adapter

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 1,2 x 22,23	4,5 x 3/64 x 7/8	13300	-	10	GR	1	**4115 514 102**		042528
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12250	-	10	GR	1	**4125 514 102**		042535
Bosch quick-mount X-LOCK									
115 x 1,2 x 22,23	4,5 x 3/64 x 7/8	13300	-	10	GR	1	**4915 514 102**		043655
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12250	-	10	GR	1	**4925 514 102**		043662







DIAMOND CUTTING DISCS

Diamond cutting discs for concrete





B4

Superior ★★★★☆

CONCRETE

Aggressive, laser-welded B4 diamond cutting disc for professional use on concrete and composite concrete paving. The particularly well-balanced segment bond guarantees it easy use on all types of concrete, including those with reinforcement.

- Easy use on all types of concrete
- High cutting speed
- Good service life
- 10-mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For bricks, reinforced concrete, composite concrete paving, concrete roofing tiles, exposed aggregate concrete, cotto slabs and terrazzo.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13300	9	10	C3	1	**4114 110 102**		041958
125 x 2 x 22,23	5 x 5/64 x 7/8	12250	10	10	C3	1	**4124 110 102**		041965
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	1	**4154 110 102**		041972
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8500	14	10	C3	1	**4184 110 102**		041989
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	16	10	C3	1	**4234 110 102**		041996
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	1	**4304 105 102**		042009
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	16	10	C3	1	**4304 110 102**		042016
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	16	10	C3	1	**4304 115 102**		042023
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	1	**4354 105 102**		042030
350 x 2,8 x 22,23	14 x 7/64 x 7/8	5500	19	10	C3	1	**4354 110 102**		042047
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	10	C3	1	**4354 115 102**		042054
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	10	C3	1	**4404 116 102**		042061





B5

Evolution ★★★★★

CONCRETE

The laser-welded, segmented B5 diamond cutting disc is a top-class product developed especially for concrete that features aggressive, high-performance diamonds. Intended for intensive professional use.

- Easy use on all types of concrete
- Extremely fast cutting with minimal physical effort
- Very good service life
- 10-mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For bricks, reinforced concrete, composite concrete paving, concrete roofing tiles, exposed aggregate concrete, cotto slabs and terrazzo.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13300	8	10	C3	1	**4115 611 102**		042078
125 x 2 x 22,23	5 x 5/64 x 7/8	12250	9	10	C3	1	**4125 611 102**		042085
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	10	10	C3	1	**4155 611 102**		042092
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8500	12	10	C3	1	**4185 611 102**		042108
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	15	12	C3	1	**4235 611 102**		042115
250 x 2,6 x 25,4	10 x 7/64 x 1	6150	18	12	C3	1	**4255 616 102**		042122
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	18	12	C3	1	**4305 606 102**		042139
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	18	12	C3	1	**4305 616 102**		042146
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	21	12	C3	1	**4355 606 102**		042153
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	21	12	C3	1	**4355 616 102**		042160
400 x 3,5 x 25,4	16 x 1/8 x 1	4780	28	12	C3	1	**4405 616 102**		042177
450 x 3,5 x 25,4	18 x 1/8 x 1	4250	32	12	C3	1	**4455 616 102**		042184
500 x 4 x 25,4	20 x 5/32 x 1	3800	36	12	C3	1	**4505 616 102**		042191
600 x 4 x 25,4	24 x 5/32 x 1	3170	42	12	C3	1	**4605 616 102**		042207

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

DIAMOND CUTTING DISCS

Diamond cutting discs for natural stone



G4

Superior ★★★★☆

NATURAL STONE

High-performance, laser-welded diamond cutting disc for effortlessly cutting natural stones. The soft, easy-cutting disc is used for applications where extremely impact-resistant diamonds are required.

- Special cutting disc for hard stone/natural stone
- High cutting speed
- Long service life
- 10-mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For hard stone/natural stone such as granite, basalt, slate, terrazzo, clinker, gneiss and porphyry.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13300	8	10	C3	1	**4114 010 102**		042542
125 x 2 x 22,23	5 x 5/64 x 7/8	12250	9	10	C3	1	**4124 010 102**		042559
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	1	**4154 010 102**		042566
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8500	14	10	C3	1	**4184 010 102**		042573
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	15	12	C3	1	**4234 010 102**		042580
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	21	12	C3	1	**4304 015 102**		042597
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	25	12	C3	1	**4354 005 102**		042603
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	25	12	C3	1	**4354 015 102**		042610
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	12	C3	1	**4404 015 102**		042627





A4

Superior ★★★★☆

ABRASIVE

High-performance, laser-welded diamond cutting disc for professional use on abrasive stone. This disc's wear-resistant bond is extremely suitable for abrasive materials.

- Special cutting disc for abrasive materials
- High cutting speed
- Long service life
- 10-mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For abrasive materials such as sand-lime brick, floor pavement, plaster, sandstone, aerated concrete, brick, and roofing tiles.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13300	9	7	C3	1	**4114 215 102**		041804
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12250	10	7	C3	1	**4124 215 102**		041811
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6650	16	7	C3	1	**4234 215 102**		041828
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	7	C3	1	**4304 225 102**		041835
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	7	C3	1	**4354 227 102**		041842

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

DIAMOND CUTTING DISCS

Diamond cutting discs for asphalt



A4 Asphalt

Superior ★★★★☆

ASPHALT

High-performance, laser-welded diamond cutting disc for professional use on asphalt. Also suitable for green concrete (up to 24 hrs.), screed and abrasive, soft stone.

- Special cutting disc – designed for asphalt and abrasive materials
- High cutting speed
- Long service life
- 10 - 12 mm segment height
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. Also suitable for asphalt, green concrete (up to 24 hrs.), screed and abrasive, soft stone.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	18	10	C1S	1	**4304 920 102**		041859
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	18	10	C1S	1	**4304 930 102**		041866
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	21	10	C1S	1	**4354 920 102**		041873
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	21	10	C1S	1	**4354 930 102**		041880
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	24	10	C1S	1	**4404 930 102**		041897
450 x 3,8 x 25,4	18 x 9/64 x 1	4250	27	10	C1S	1	**4454 930 102**		041903
500 x 3,8 x 25,4	20 x 9/64 x 1	3800	30	10	C1S	1	**4504 930 102**		041910
600 x 3,8 x 25,4	24 x 9/64 x 1	3170	36	12	C1S	1	**4604 930 102**		041927

Diamond mortar raker



A4 M

Superior ★★★★☆

MORTAR RAKER

High-performance, laser-welded diamond disc specially designed for rapidly removing old mortar residue from wall or screed joints.

- Special cutting disc with 6.4-mm segment width
- High removal rate
- Good service life
- Laser welded – no cooling breaks required

Field of application: Dry or wet cutting. For screed or plaster, aerated concrete, sand-lime bricks, bricks.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment height mm	Shape	PU	Item code	€ per pcs	EAN 4081600
115 x 6,4 x 22,23	4,5 x 1/4 x 7/8	13300	9	7	C3	1	**4114 464 102**		041934
125 x 6,4 x 22,23	5 x 1/4 x 7/8	12250	10	7	C3	1	**4124 464 102**		041941

Diamond tools

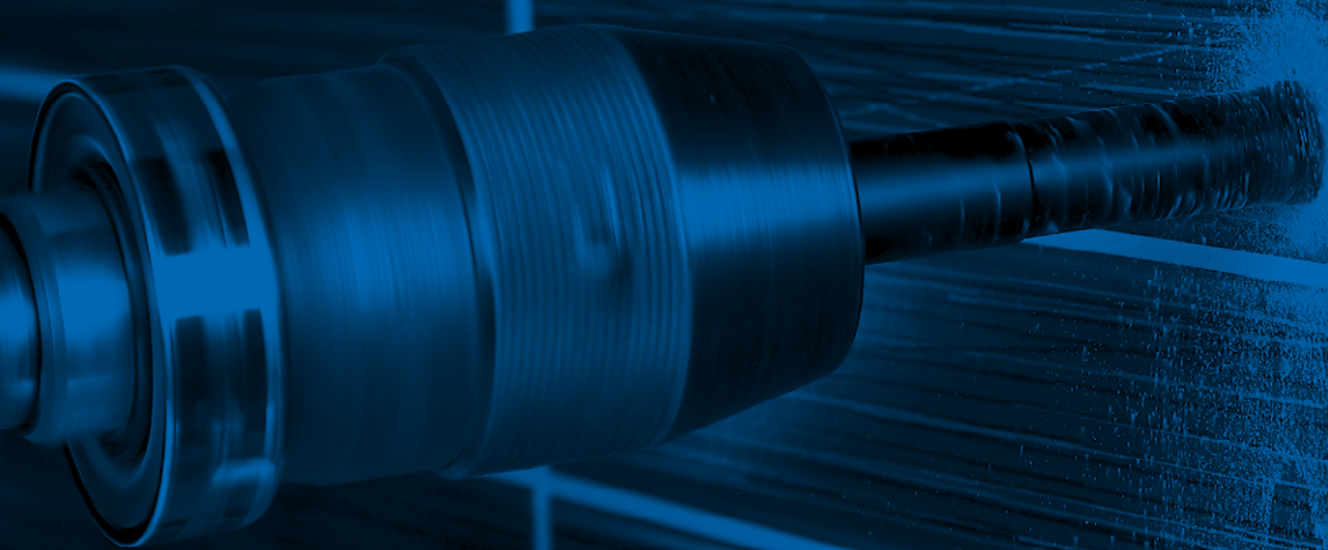
Diamond tile drills for drilling machines 300

Set of diamond tile drill bits for drilling machines 301

Diamond dry drills for angle grinders 302

Diamond core bits 304

Diamond cup grinders 305





CeraDrill for drilling machines

Evolution ★★★★★

DRONCO CeraDrill is an innovative, particularly powerful drill with a vacuum-brazed diamond coating for maximum drilling performance. It is used where conventional carbide and diamond tile drills reach their limits.

The CeraDrill bit comes with an integrated cooling liquid that is released during drilling. This makes cooling with water and the inconveniences that come with it unnecessary. CeraDrill bits make your work cleaner and easier.

- Vacuum-brazed diamond coating
- Integrated cooling liquid
- Simple and clean to work with
- No water cooling required

Field of application: For tiles, quarry tiles, ceramic and stoneware.

Dimension Diameter x shaft diameter x length [mm]	PU	Item code	€ per pcs	EAN 4081600
5 x 12 x 35	1	**4000 601 100**		400809
6 x 12 x 35	1	**4000 602 100**		400816
8 x 12 x 35	1	**4000 604 100**		400830
10 x 12 x 35	1	**4000 605 100**		400847
12 x 12 x 35	1	**4000 606 100**		400854
14 x 12 x 35	1	**4000 607 100**		400861
Separate drilling aid	1	**4001 100 100**		400939



The tip of the drill bit is coated with diamonds during the vacuum brazing process.



CeraDrill set for drilling machines

Evolution ★★★★★

Complete set with five CeraDrill bits, drilling aid and drilling core cleaner in an aluminium case. The perfect set for all floor tilers, plumbers and drywall builders.

Field of application: For tiles, quarry tiles, ceramic and stoneware.

Dimension	PU	Item code	€ per pcs	EAN 4081600
Ø 5, 6, 8, 10, 12 mm	1	**4000 600 100**		400496

Here's how it works:

- Remove the protective cap
- Start drilling the hole at a slant, then move to straight
- Use the drilling aid for vertical drilling
- Take a break from drilling to remove drilling dust
- Make slightly circular movements as you drill
- Let the drill bit cool after drilling each hole
- After drilling a hole, push the drilling core through the centre of the drill so that the opening remains clean
- Put the protective cap back on





Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond dry drills for angle grinders



CeraDrill dry for angle grinders

Evolution ★★★★★

Special drill coated with diamonds during the vacuum brazing process for dry drilling in stoneware, quarry tiles, ceramic and granite tiles.

The new CeraDrill DRY diamond dry drill bits complement our CeraDrill range with 12 drill bits in a diameter ranging from 20 mm to 85 mm.

- For use on angle grinders with an M14 adapter
- No water cooling system required
- High drilling speed
- Maximum service life

Field of application: For tiles, quarry tiles, stoneware, ceramic and granite tiles.

Ø in mm	Length in mm	Working length	Connection	RPM min^{-1}	Item code	€ per pcs	EAN 4081600
20 mm	60 mm	40 mm	M14	11000	**4000 610 100**		401004
27 mm	60 mm	40 mm	M14	11000	**4000 611 100**		401011
35 mm	60 mm	40 mm	M14	11000	**4000 612 100**		401028
40 mm	60 mm	40 mm	M14	11000	**4000 613 100**		401035
45 mm	60 mm	40 mm	M14	11000	**4000 614 100**		401042
50 mm	60 mm	40 mm	M14	11000	**4000 615 100**		401059
60 mm	60 mm	40 mm	M14	11000	**4000 616 100**		401066
65 mm	60 mm	40 mm	M14	11000	**4000 617 100**		401073
70 mm	60 mm	40 mm	M14	11000	**4000 618 100**		401080
75 mm	60 mm	40 mm	M14	11000	**4000 619 100**		401097
80 mm	60 mm	40 mm	M14	11000	**4000 620 100**		401103
85 mm	60 mm	40 mm	M14	11000	**4000 621 100**		401110

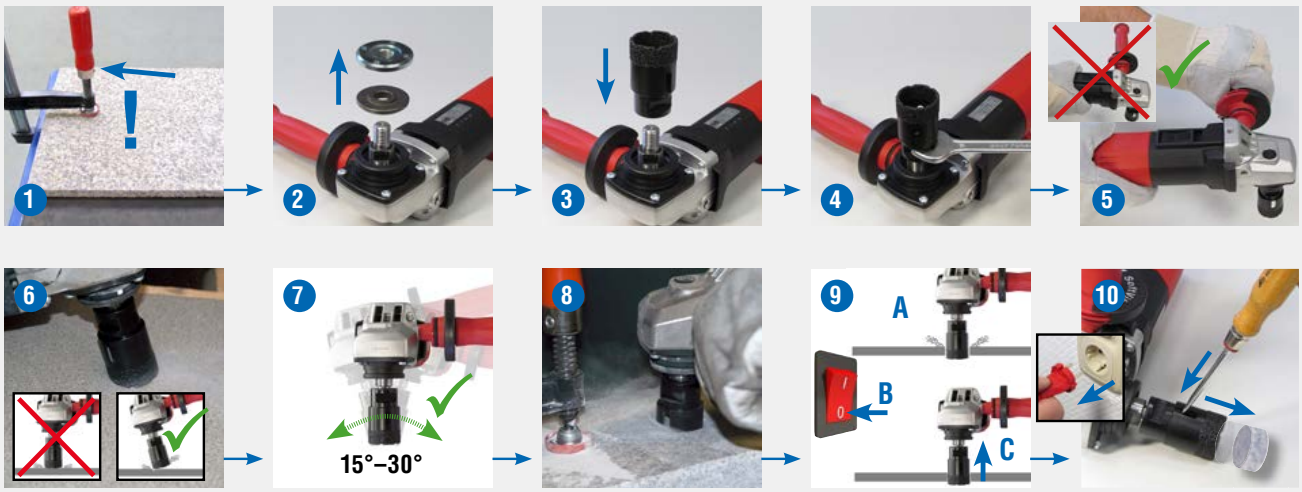
Safety tip – max. rpm of 11,000

We recommend using the drill on an angle grinder for 125-mm discs.





Proper preparation and application



Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond core bits



BKT concrete

Evolution ★★★★★

Laser-welded core drill with outstanding service life and high level of efficiency. Innovative bonding of high-quality segments makes it suitable for all applications. The solution for dry drilling recesses for wall sockets and light switches (68 mm) or distribution boxes (82 mm).

- Outstanding service life
- High degree of efficiency
- 62 mm drilling depth
- Adapter in core drill = M16

Field of application: For dry drilling in concrete (including slightly reinforced), clinker, brick.

Designation	PU	Item code	€ per pcs	EAN 4081600
Core bit, Ø 68 mm	1	**4000 368 100**		400137
Core bit, Ø 82 mm	1	**4000 382 100**		400236
Centre bit	1	**4000 478 100**		400304
6-point connection	1	**4000 568 100**		400359
SDS connection	1	**4000 668 100**		400403
Complete SDS part, Ø 68 mm	1	**4000 268 100**		400120
Complete SDS part, Ø 82 mm	1	**4000 282 100**		400229



BKT abrasive stones

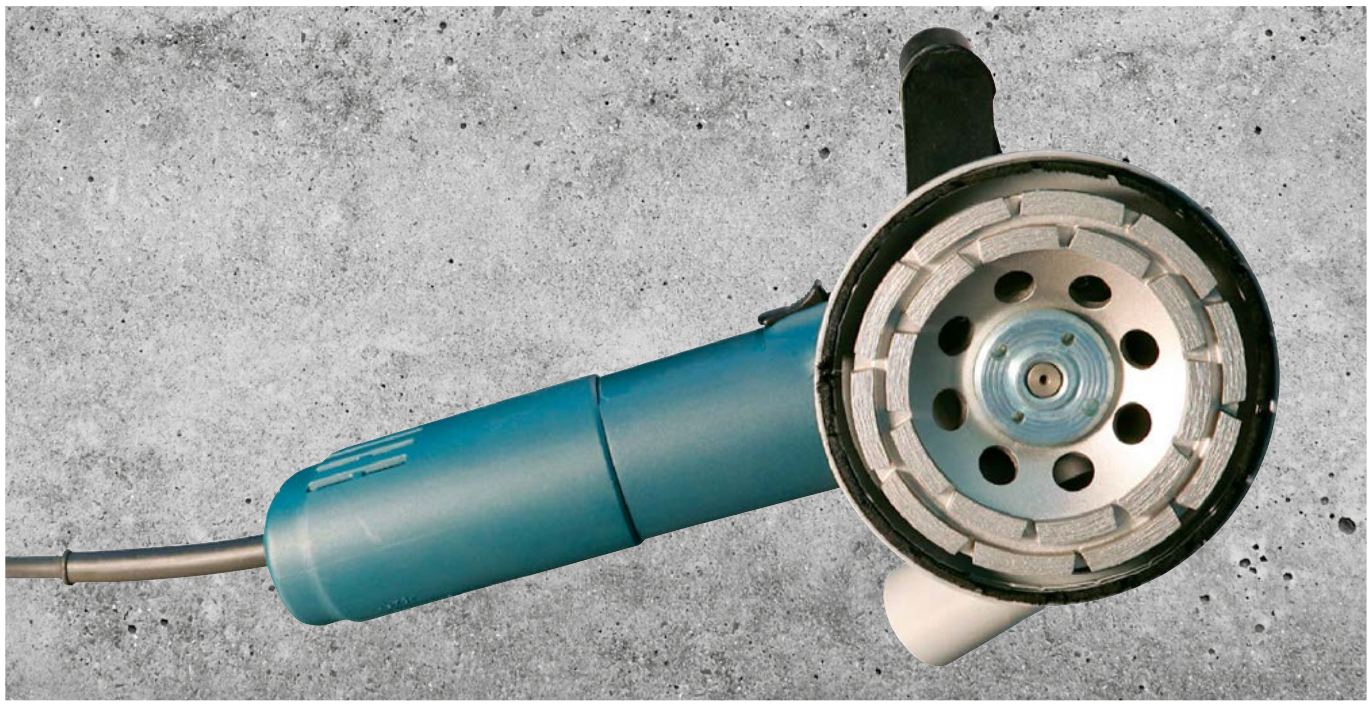
Evolution ★★★★★

Laser-welded core drill with very hard diamond segment bonding designed especially for abrasive materials. The solution for dry drilling recesses for wall sockets and light switches (68 mm) or distribution boxes (82 mm).

- Very good service life
- Rapid drilling progress
- 62 mm drilling depth
- Adapter in core drill = M16

Field of application: For dry drilling in sand-lime brick, sandstone, brick and masonry.

Designation	PU	Item code	€ per pcs	EAN 4081600
Core bit, Ø 68 mm	1	**4010 010 100**		400519
Core bit, Ø 82 mm	1	**4010 050 100**		400502
Centre bit	1	**4000 478 100**		400304
6-point connection	1	**4000 568 100**		400359
SDS connection	1	**4000 668 100**		400403
Complete SDS part, Ø 68 mm	1	**4000 269 100**		400151
Complete SDS part, Ø 82 mm	1	**4000 283 100**		400168



Diamond cup grinders for use on grinding machines equipped with extraction systems and angle grinders with sufficient covers. These discs are the perfect tool for processing concrete and stone. Their removal rates and service life have been proven a million times over in practical use. Please see the application table below for the right tool for your needs.

Application table for diamond cup grinders

●● very suitable ● suitable	DST	DST 56	DST 76	DST Turbo	DST Speed	DST Blue Speed
Grinding uneven areas on floor pavement	●	●	●●	●	●	●
Removing irregularities on concrete	●	●●	●	●●	●●	●●
Removing concrete ridges after formwork has been removed	●	●●	●	●●	●●	●●
Removing dried plaster residue	●	●	●●	●	●	●
Bevelling concrete and paving stones	●	●	●	●●	●	●
Bevelling granite and natural stones	●	●		●	●	●
Bevelling aerated concrete	●	●	●●	●●	●	●
Removing thermoplastic protective coatings	●	●	●	●●	●●	●●
Removing adhesive residue on concrete surfaces	●	●	●	●●	●●	●●

Safety tip

When using diamond cup grinders, please always ensure that the discs do not project beyond the protective cover of the machine to avoid the risk of injuries!

User tip

Our DST 56 and DST 76 diamond cup grinders are also available in a height of 22 mm on request for use on special concrete grinders.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cup grinders



DST

Perfect ★★★☆☆

Versatile diamond cup grinder for sanding stone and screed floors as well as for removing concrete ridges and for stone masonry tasks.

- Good removal rates during normal use

Field of application: For all uses on concrete, natural stone, floor pavement, construction site materials.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 18 x 22,23	4 1/2 x 45/64 x 7/8	13300	8	Single row	1	**4116 033 102**		043457
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	7	Single row	1	**4126 033 102**		043464
180 x 18 x 22,23	7 x 45/64 x 7/8	8500	14	Single row	1	**4186 033 102**		043471



DST 56 Concrete

Superior ★★★★☆

Special diamond cup grinder for hard stone, suitable for grinding concrete and natural stone. Choice of segments arranged in one or two rows makes this DRONCO cup grinder suitable for any purpose.

- High removal rates
- Removes significantly more material, handling is more ergonomic with double-rowed version

Field of application: For grinding concrete and natural stone.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 18 x 22,23	4 1/2 x 45/64 x 7/8	13300	8	Single row	1	**4116 032 102**		043488
115 x 18 x 22,23	4 1/2 x 45/64 x 7/8	13300	16	Double row	1	**4116 037 102**		043495
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	7	Single row	1	**4126 032 102**		043501
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	14	Double row	1	**4126 037 102**		043518
180 x 18 x 22,23	7 x 45/64 x 7/8	8500	28	Double row	1	**4186 037 102**		043525



DST 76 Abrasive stones

Superior ★★★★☆

Special diamond cup grinder for abrasive materials, such as floor pavement, sand-lime brick, plaster, aerated concrete and green concrete. Choice of segments arranged in one or two rows makes this DRONCO cup grinder suitable for any purpose.

- High removal rates
- Removes significantly more material, handling is more ergonomic with double-rowed version

Field of application: For grinding floor pavement, sand-lime brick, plaster, aerated concrete, green concrete.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 18 x 22,23	4 1/2 x 45/64 x 7/8	13300	16	Double row	1	**4116 036 102**		043532
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	7	Single row	1	**4126 031 102**		043549
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	14	Double row	1	**4126 036 102**		043556
180 x 18 x 22,23	7 x 45/64 x 7/8	8500	28	Double row	1	**4186 036 102**		043563



DST Turbo

Superior ★★★★☆

Diamond cup grinder with turbo grinding rim for grinding concrete and natural stone more finely.

- High removal rates with a minimum of effort
- Finer grinding finish
- Very good service life

Field of application: For grinding floor pavement, sand-lime brick, plaster, aerated concrete, green concrete.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	–	Turbo	1	**4116 041 102**		043570
125 x 22,23	5 x 7/8	12250	–	Turbo	1	**4126 041 102**		043587

User tip

Our DST 56 and DST 76 diamond cup grinders are also available in a height of 22 mm on request for use on special concrete grinders.

Item numbers in bold: available from stock. Other dimensions, wire types and grits on request: service@osborn.de
All lengths in mm.

Diamond cup grinders



DST Speed

Evolution ★★★★★

The DST Speed diamond cup grinder is a powerful tool for all users who need to remove high quantities of material quickly. Welded segments with ideal geometry contain special diamonds in aggressive bond.

- 2.5 times higher removal rate*
- Segments with special diamonds in aggressive bond
- Also highly suitable for removing adhesive residue and thermoplastic coatings

Field of application: For concrete, floor pavement and natural stone.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 18 x 22,23	4 1/2 x 45/64 x 7/8	13300	9	Radial	1	**4116 042 102**		043594
125 x 18 x 22,23	5 x 45/64 x 7/8	12250	9	Radial	1	**4126 042 102**		043600

* The result: Removal rate in grams per minute increases by a factor of 2.5 (measured in comparison to double-rowed DST 56, on B 25 concrete)



DST BLUE Speed

Evolution ★★★★★

The powerful DST BLUE Speed diamond cup grinder offers the highest removal rates in the DRONCO DST product range. Its low net weight and the special geometry of the segments facilitate ergonomic working conditions that are easy on the user.

- Special diamonds in an aggressive bond
- Phenomenally high removal rates
- Rapid work progress
- Maximum working comfort

Field of application: For grinding concrete and natural stone as well as removing adhesive residue.

Ø in mm	Ø in inches	RPM min^{-1}	No. of segments	Segment shape	PU	Item code	€ per pcs	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13300	8	T-segment	1	**4116 064 102**		043617
125 x 22,23	5 x 7/8	12250	8	T-segment	1	**4126 064 102**		043624

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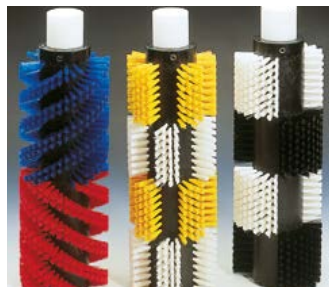


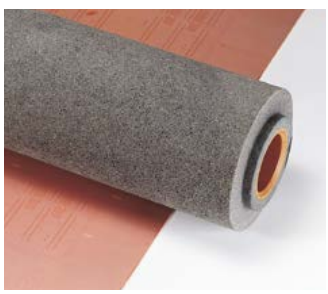













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