



Finish. First.



DRONCO AND OSBORN  
**PROGRAMME 2019**

## WE SELL SOLUTIONS

The Global Leader in Surface Treatment Solutions and Finishing Tools

### Osborn GmbH

Ringstraße 10  
35099 Burgwald  
Germany

Phone: +49 (0)6451 588-0  
Fax: +49 (0)6451 588-206

info@osborn.de  
www.osborn.de

### DRONCO GmbH

Wiesenmühle 1  
95632 Wunsiedel  
Germany

Phone: +49 (0)9232 609-0  
Fax: +49 (0)9232 609-159

info@dronco.com  
www.dronco.com

#### 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.

## CUTTING

### General information

■ Cutting metal .....	22
■ Cutting stone .....	52

Freehand cutting discs, stainless steel / steel .....	26
Freehand cutting discs, steel .....	40
Freehand cutting discs, aluminium .....	46
Freehand cutting discs, railway sections .....	47
Mini cutting discs .....	48
Discs for stationary cutting machines / chop saws .....	49
Freehand cutting discs, stone .....	55
Freehand cutting discs, asphalt / ductile .....	58

## GRINDING

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 .....	71
Grinding discs, stone .....	72

## GRINDING & SANDING

General information .....	74
Flap discs, normal corundum .....	78
Flap discs, zirconium corundum .....	80
Flap discs, ceramic abrasive grain .....	88
Fibre discs for angle grinders .....	92
Semi-flexible discs for angle grinders .....	94
Backing pads .....	95
Grinding cups for angle grinders .....	96
Flap wheels .....	97
Sanding drums .....	97
Economy rolls for hand sanding .....	98
1-2-3 system for manual sanding .....	99
1-2-3-4 system for manual bodywork sanding .....	103

## BRUSHING AND CLEANING

### General information

■ Angle grinders .....	106
■ Stationary machines .....	176

### Wheel brushes

■ Angle grinders .....	108
■ Power drills .....	138
■ High-speed machines .....	160
■ Stationary machines .....	177

### Cup brushes

■ Angle grinders .....	114
■ Power drills .....	145

### End brushes

■ Power drills .....	149
■ High-speed machines .....	168
■ Stationary machines .....	192

Bevel brushes .....	124
Brushes for cordless tools .....	134
Flap wheel brushes .....	154
Roller brushes .....	189
Polishing flap discs .....	128

Polishing wheels .....	130
Flap wheels .....	164

Coarse cleaning fleeces	
■ Angle grinders .....	131
■ High-speed machines .....	163

Hand brushes.....	196
File brushes .....	202
Brooms .....	204
Scrub brushes .....	206
Dusters .....	206
Paint brushes .....	207

### POLISHING & SATINISING

Manual application .....	210
Polishing flap discs .....	213
Polishing compounds .....	214
Variable-speed and cordless angle grinders .....	216
Power drills .....	220
Power drills and high-speed machines .....	222
Satinising machines .....	224
Stationary machines .....	227

### INDUSTRIAL

Internal finishing	
■ Situft .....	230
■ Helituf .....	231
■ Tube brushes .....	232
■ Novoflex .....	238
■ Novofil .....	239
■ Hole cleaning brushes .....	240
■ Nozzle cleaning brushes .....	241

Battery terminal brushes .....	242
Fitting brushes .....	242
Stove pipe cleaners .....	242
Novotec .....	245
ATB® - Advanced Technology Brush System .....	247

### STRIP BRUSHES

General information .....	254
Strip brushes .....	255
Broomate .....	256

### DIAMOND TOOLS

General information .....	258
Diamond cutting discs, universal .....	270
Diamond cutting discs, stone slabs .....	275
Diamond cutting discs, tiles / fine stoneware .....	277
Diamond cutting discs, concrete .....	280
Diamond cutting discs, natural stone .....	282
Diamond cutting discs, abrasive stones / asphalt / mortar .....	283

Diamond tile drills for drilling machines .....	286
Diamond dry drills for angle grinders .....	288
Diamond core bits for drilling machines .....	290
Diamond cup grinders for angle grinders .....	291

### INDEX

By part numbers .....	295
By product names (Dronco) .....	301

# CUTTING

# GRINDING

# GRINDING & SANDING

# BRUSHING & CLEANING

# POLISHING & SATINISING

# INDUSTRIAL

# STRIP BRUSHES

# DIAMOND

Metal

Stone

Grinding discs

Flap discs

Abrasive



Polishing & Satinising

Industrial

Strip brushes

Diamond cutting discs

Diamond tools

# OSBORN WORLDWIDE



## 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. Osborn and Dronco are members of oSa e.V. (organisation for the safety of grinding tools).

Together, Osborn and Dronco 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

Together, Osborn and Dronco have more than 180 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 advice 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](mailto: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.







## SERVICE

### 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.



**nexmart**



### AEO CERTIFIED

#### FOR A RELIABLE SUPPLY CHAIN

Osborn and Dronco have 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 deliberate. 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.

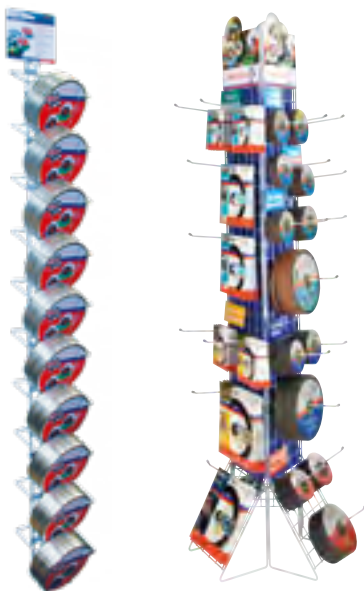


### DISPLAY CARD

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.

**+** **DRONCO DISC CUSTOMERS**

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

**Colour quality line**  
Gold - Evolution  
Silver - Superior and Perfect

**Made in Germany**  
Synonymous with proven DRONCO quality. Most of our cutting discs are made and tested in Germany.



### 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 AND IN-HOUSE FAIRS



### 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!



Dronco has for years been 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.



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](http://www.youtube.com/user/osbornsolutions)



**DRONCO ON  
DRONCO TV**

[www.youtube.com/user/droncotv](http://www.youtube.com/user/droncotv)



## 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](http://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](http://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](http://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.



## TECHNICAL INFORMATION FOR BRUSHES

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.

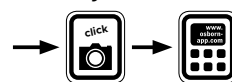
		Brush diameters (in mm)											
		20	40	50	80	100	125	150	180	200	250	300	350
RPM min <sup>-1</sup>	800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
	900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
	1,150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
	1,200	1.25	2.51	3.14	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](http://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	<ul style="list-style-type: none"> <li>■ Sturdy</li> <li>■ Diversity of applications</li> </ul>	Steel, cast iron, softwood, hardwood
	Crimped			Steel, cast steel
	Knotted			Steel, cast steel
Stainless steel wire	Straight	Standard alloys: 1.4310 and 1.4401 (1.4571 on request)	<ul style="list-style-type: none"> <li>■ Usage in particular where residues of steel wires would adversely affect the surface (such as rust spots)</li> </ul>	Stainless steel, non-ferrous metals, aluminium
	Crimped			
	Knotted			
Osborn special steel wire	Straight		<ul style="list-style-type: none"> <li>■ High-performance wire with high tensile strength</li> <li>■ Long service life</li> <li>■ For extreme brush applications</li> </ul>	Steel, cast iron, softwood, hardwood
	Crimped			
	Knotted			
Longlife (steel wire)	Stranded		<ul style="list-style-type: none"> <li>■ Extremely long life</li> <li>■ Combines the benefits of crimped and knotted wire</li> </ul>	Steel, cast iron, softwood, hardwood
Brass-coated steel wire	Mono wire		<ul style="list-style-type: none"> <li>■ High tensile strength</li> </ul>	Steel, cast iron, softwood, hardwood
	Cordwire	Stranded	<ul style="list-style-type: none"> <li>■ Particularly well suited to texturing wood</li> </ul>	
Brass wire	Crimped			Non-ferrous metals, softwood
Synthetic bristles	Straight		<ul style="list-style-type: none"> <li>■ Abrasion-resistant</li> <li>■ Resistant to weak acids and bases</li> <li>■ Flexible</li> </ul>	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
Abrasive bristle	Aluminium oxide	Nylon threads with aluminium oxide; red trim material	<ul style="list-style-type: none"> <li>■ High elasticity without risk of breakage</li> <li>■ Uniform abrasive effect</li> </ul>	Steel, cast iron, stainless steel, non-ferrous metals, aluminium, wood
	Silicone carbide	Nylon threads with silicone carbide; blue trim material.	<ul style="list-style-type: none"> <li>■ High elasticity without risk of breakage</li> <li>■ Uniform abrasive effect</li> </ul>	
	Ceramic, sintered twice	Aluminium oxide sintered twice; available in different hardness grades, light grey trim material	<ul style="list-style-type: none"> <li>■ Particularly hard and aggressive abrasive grit</li> <li>■ The abrasive grit released during brushing has a better breaking edge and makes possible faster, more efficient deburring</li> <li>■ Perfect results through uniform, homogeneous abrasive effect</li> </ul>	Steel, cast iron, stainless steel, non-ferrous metals, aluminium

## TECHNICAL INFORMATION FOR BRUSHES



### 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.	<ul style="list-style-type: none"> <li>High flexibility and trim density, prolonged life</li> <li>For working with workpieces particular high in contours</li> </ul>	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
	Flat		<ul style="list-style-type: none"> <li>Very high abrasive grit content, higher removal rate (approx. 50% lower processing time)</li> <li>Ideal for honing</li> </ul>	
Novoflex-B®	Spherical	Trim material with aluminium oxide or silicone carbide; grit sizes from 60 to 400 possible	<ul style="list-style-type: none"> <li>Abrasive balls on flexible design</li> <li>Tool is self-centring</li> </ul>	Steel, cast iron, stainless steel, non-ferrous metals, aluminium
Fibre		Pure plant fibre	<ul style="list-style-type: none"> <li>For wet and dry application</li> <li>Heat-resistant</li> <li>Also suitable for polishing in conjunction with polishing compound</li> </ul>	All materials
Horse hair		Pure horse hair	<ul style="list-style-type: none"> <li>Excellent sealing properties</li> </ul>	

### MATERIALS, TRIM MATERIALS, AND HOW THEY ARE SHOWN IN THE CATALOGUE

		Material to treat / colour used in the catalogue						
		Steel	Cast iron	Stainless steel	Non-ferrous metals	Aluminium	Softwood	Hardwood
Trim material	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 262



**Battery friendly - Ideal for use in battery-operated devices and angle grinders with speed control**  
 More information on Page 134



**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 FOR STAINLESS STEEL / STEEL	26
FREE HAND CUTTING DISCS FOR STEEL	40
FREE HAND CUTTING DISCS FOR ALUMINIUM	46
FREE HAND CUTTING DISCS FOR RAIL SECTIONS	47
MINI CUTTING DISCS	48
DISCS FOR STATIONARY CUTTING MACHINES / CHOP SAW DISCS	49



**GENERAL INFORMATION**

# IMPORTANT INFO AT A GLANCE

The product labels for the Evolution Line have been updated. They now feature a fresh, clean design with clear user information, internationally recognised pictograms and more explicit labelling of the quality line. The labels for the Superior and Perfect quality lines will be transitioned over to the new design in the course of 2019.

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

**Colour indicates quality line**  
Gold – Evolution  
Silver – Superior and Perfect

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

**Field of application**

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

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

**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

**Made in Germany**  
Stands for proven DRONCO quality. Our cutting 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 – Cutting 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
- May not be used for grinding
- Do not use product if damaged

# METAL CUTTING DISCS

## GENERAL INFORMATION

## 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.



## GENERAL INFORMATION

# 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.

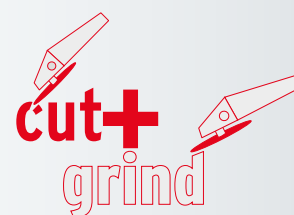
- No jamming during cutting work
- Prevents dangerous ‘kick-back’ effect of the angle grinder
- No side friction



### 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





# METAL CUTTING DISCS

## APPLICATION TABLE

# APPLICATION TABLE METAL CUTTING DISCS

		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
<ul style="list-style-type: none"> <li>●● very suitable</li> <li>● suitable</li> <li>○ limited suitability</li> </ul>													
<b>FREE HAND CUTTING DISCS FOR STAINLESS STEEL/STEEL</b>													
AS 60 W EVOLUTION 0.8	26	●	●	●	●	●●	●●		○	●	●	●	
A 60 R PERFECT 1.0	27	●●	●	●	●	●	●		○	○	○	○	
AS 60 T INOX SPECIAL 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 SPECIAL 1.6	33	●	●	●	●●	●●	●●		○	○	○	○	
AS 46 V EVOLUTION 1.6	34	●●	●●	●●	●●	●●	●●		●	●	●	●	
AK 60 V EVOLUTION CERAMAXX	31	●●	●●	●●	●●	●●	●●		●●	●	●	●	
AK 46 V EVOLUTION CERAMAXX	35	●●	●●	●●	●●	●●	●●		●●	●	●	●	
ACS 46 / ACS 60 T MULTI	32	●	●	○	●	●●	●●		●●	●●	●●	●●	●●
AS 46 / AS 60 T INOX FREECUT	36	●	●	●	●●	●●	●●		●	●	●	●	
AS 46 / AS 30 T INOX CUT+GRIND	37	●	●	●	●●	●	●●		●●	○	○	○	
AS 30 S INOX SPECIAL, 2.5	38	●	●	●	●●	●	●●	●	●●	●	●	●	
AS 30 T INOX SPECIAL, 2.2	39	●	●	●	●●	●	●●	●	●●	●	●	●	
<b>FREE HAND CUTTING DISCS FOR STEEL</b>													
A 24 R PERFECT 3.0	40	●●	●	●	○	●	○		●	●	●	●	
AS 30 S SPECIAL, 3.0	41	●●	●●	●●	○	●	○		●●	●	●	●	
AS 30 T SPECIAL, 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	●●	●●	●●	○	●●	○		●	●	●	●	
<b>FREE HAND CUTTING DISCS FOR ALUMINIUM</b>													
CS 60 ALU SPECIAL, 1.2	46									●●	●●	●●	
CS 46 ALU SPECIAL, 1.6	46									●●	●●	●●	
<b>FREE HAND CUTTING DISCS FOR RAIL SECTIONS</b>													
AS 24 R BAHN SPECIAL	47	●	●	●	○	○	○	●●	○	○	○	○	
<b>MINI CUTTING DISCS</b>													
AS 46 T MINI SPECIAL	48	●	●	●	○	●●	○		○	○	○	○	
<b>DISCS FOR STATIONARY CUTTING MACHINES / CHOP SAW DISCS</b>													
A 30 S PERFECT	49	●	●	●	○	●	○		●	●	●	●	
AS 30 S SPECIAL	49	●●	●●	●●	○	●	○		●●	●	●	●	
AS 36 T SPECIAL / CHOP SAW	50	●●	●●	●	○	●	○		●	●	●	●	
AS 36 S INOX SPECIAL / CHOP SAW	50	●	●●	●●	●	●	●●		●●	●	●	●	

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 0.8 MM**



**0.8 mm** Extra fine,  
ultra fast

Iron- and sulphur-free

**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








**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13280	25		<b>1111 000 100</b>	110302
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12200	25		<b>1121 000 100</b>	120301
<b>Lifetime-Plus tin</b>						
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13280	1 tin of 25 discs		<b>6900 842 100</b>	701630
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12200	1 tin of 25 discs		<b>6900 843 100</b>	701647
115 x 0.8 x 22.23	4 1/2 x 0.030 x 7/8	13280	1 tin of 10 discs		<b>6900 840 100</b>	701616
125 x 0.8 x 22.23	5 x 0.030 x 7/8	12200	1 tin of 10 discs		<b>6900 841 100</b>	701623

# METAL CUTTING DISCS

## FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.0 MM



**1mm** Thin, precise,  
fast

Iron- and sulphur-free

### 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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.0 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1110 240 100</b>	110012
125 x 1.0 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1120 240 100</b>	120011
<b>Power Pack tin</b>						
115 x 1.0 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 987 100</b>	7013194
125 x 1.0 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 988 100</b>	701326

## FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.0 MM



**1 mm** Thin, precise, fast

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



Iron- and sulphur-free

### 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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1111 240 100</b>	110126
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1121 240 100</b>	121025
<b>Power Pack tin</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 935 100</b>	701050
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 945 100</b>	701067
<b>Lifetime-Plus tin</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 850 100</b>	701203
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 852 100</b>	701227
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 25 discs		<b>6900 870 100</b>	701401
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 25 discs		<b>6900 871 100</b>	701418
<b>Bosch quick-mount X-LOCK</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1911 240 100</b>	110888
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1921 240 100</b>	120646

# METAL CUTTING DISCS

## FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.0 MM



**1 mm** Thin, precise, fast, durable



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



This item is also available with the X-LOCK adapter



Iron- and sulphur-free

### 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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1111 246 100</b>	111125
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1121 246 100</b>	121179
<b>Power Pack tin</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 975 100</b>	704877
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 985 100</b>	704884
<b>Lifetime-Plus tin</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 851 100</b>	701210
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 853 100</b>	701234
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 25 discs		<b>6900 872 100</b>	701425
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 25 discs		<b>6900 873 100</b>	701432
<b>Bosch quick-mount X-LOCK</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1911 246 100</b>	111101
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1921 246 100</b>	120653

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.0 MM**



**1 mm** Thin, precise,  
fast, durable

Iron- and sulphur-free

**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 at DRONCO:

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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	25		<b>1111 247 100</b>	111644
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	25		<b>1121 247 100</b>	121780
<b>Lifetime-Plus tin</b>						
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 10 discs		<b>6900 864 100</b>	701869
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 10 discs		<b>6900 865 100</b>	701876
115 x 1 x 22.23	4 1/2 x 1/25 x 7/8	13280	1 tin of 25 discs		<b>6900 845 100</b>	701678
125 x 1 x 22.23	5 x 1/25 x 7/8	12200	1 tin of 25 discs		<b>6900 846 100</b>	701685

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.2 MM



**1.2 mm** Ultra fast, ultra service life

**ceramic**  
INSIDE 2.0  
Self-sharpening ceramic abrasive grain of the latest generation for ultimate performance

Iron- and sulphur-free

## 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 discoloration 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 discoloration of the workpiece = less reworking

**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

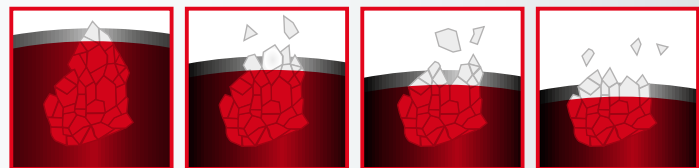
\* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.



Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1111 500 100</b>	111989
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1121 500 100</b>	122299
<b>Lifetime-Plus tin</b>						
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	1 tin of 10 discs		<b>6900 820 100</b>	702309
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	1 tin of 10 discs		<b>6900 821 100</b>	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.

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, FROM 1.2 MM**



**1.2 mm** Thin, precise, fast, durable



Triple effectiveness



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

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



Iron- and sulphur-free

**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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1111 360 100</b>	111804
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1121 360 100</b>	121803
<b>ACS 46 T MULTI</b>						
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8600	25		<b>1183 360 100</b>	143157
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1233 360 100</b>	153606
<b>Power Pack tin</b>						
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	1 tin of 10 discs		<b>6900 942 100</b>	704808
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	1 tin of 10 discs		<b>6900 943 100</b>	704815
<b>Bosch quick-mount X-LOCK</b>						
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1911 360 100</b>	111217
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1921 360 100</b>	120691



# METAL CUTTING DISCS

## FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, FROM 1.6 MM



### 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 <sup>-1</sup>		Shape	Item no.	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	25		<b>1110 250 100</b>	110036
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	25		<b>1120 250 100</b>	120035



**1.6 mm** Thin, precise, fast

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

Iron- and sulphur-free

### 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

**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.



#### 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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	25		<b>1111 250 100</b>	111118
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	25		<b>1121 250 100</b>	121117
150 x 1.6 x 22.23	6 x 1/16 x 7/8	10200	25		<b>1153 250 100</b>	133103
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8600	25		<b>1183 250 100</b>	143119
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1233 250 100</b>	153118
<b>Lifetime-Plus tin</b>						
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	1 tin of 25 discs		<b>6900 874 100</b>	701449
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	1 tin of 10 discs		<b>6900 856 100</b>	701265
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	1 tin of 25 discs		<b>6900 875 100</b>	701456
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	1 tin of 10 discs		<b>6900 855 100</b>	701258

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, FROM 1.6 MM**



**1.6 mm** Thin, precise, fast, durable

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



Iron- and sulphur-free

**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

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



**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	25		<b>1111 251 100</b>	111132
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	25		<b>1121 251 100</b>	121148
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8600	25		<b>1183 251 100</b>	143171
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1233 251 100</b>	153170
<b>Lifetime-Plus tin</b>						
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	1 tin of 25 discs		<b>6900 876 100</b>	701463
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	1 tin of 10 discs		<b>6900 877 100</b>	701470
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	1 tin of 25 discs		<b>6900 860 100</b>	701289
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	1 tin of 10 discs		<b>6900 861 100</b>	701296
<b>Bosch quick-mount X-LOCK</b>						
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	25		<b>1911 251 100</b>	111170
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	25		<b>1921 251 100</b>	120677

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, 1.6 MM



**1.6 mm** Ultra fast, ultra service life

**ceramic**  
INSIDE 2.0  
Self-sharpening ceramic abrasive grain of the latest generation for ultimate performance

Iron- and sulphur-free

## 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

**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

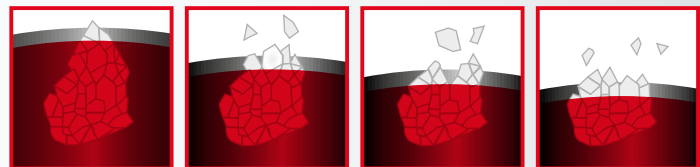
\* In comparison to a conventional 1 mm cutting disc stored for approx. 6 weeks, which is subject to the natural ageing process and the resulting decrease in service life during storage.



Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	25		<b>1111 512 100</b>	111828
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	25		<b>1121 512 100</b>	122312
150 x 1.6 x 22.23	6 x 1/16 x 7/8	10200	25		<b>1153 511 100</b>	133073
<b>Lifetime-Plus tin</b>						
115 x 1.6 x 22.23	4 1/2 x 1/16 x 7/8	13280	1 tin of 10 discs		<b>6900 822 100</b>	702323
125 x 1.6 x 22.23	5 x 1/16 x 7/8	12200	1 tin of 10 discs		<b>6900 823 100</b>	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.

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, FROM 2.0 MM**



**2.0/1.0 mm** Thin, precise, fast, durable



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



Jam-free cutting

Iron- and sulphur-free

**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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115x2.0/1.0x22.23	4 1/2x5/64-1/25x7/8	13280	25		<b>1111 340 100</b>	111507
125x2.0/1.0x22.23	5x5/64-1/25x7/8	12200	25		<b>1121 340 100</b>	121506
<b>AS 46 T INOX FreeCut</b>						
150x2.5/2.0x22.23	6x3/32-5/64x7/8	10200	25		<b>1153 340 100</b>	133509
180x3.0/2.0x22.23	7x5/64-1/8x7/8	8600	25		<b>1183 340 100</b>	143508
230x3.0/2.0x22.23	9x5/64-1/8x7/8	6600	25		<b>1233 340 100</b>	153507
<b>Power Pack tin</b>						
115x2.0/1.0x22.23	4 1/2x5/64-1/25x7/8	13280	1 tin of 10 discs		<b>6900 937 100</b>	704952
125x2.0/1.0x22.23	5x5/64-1/25x7/8	12200	1 tin of 10 discs		<b>6900 947 100</b>	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

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL, FROM 2.5 MM



**2.5 mm** Fast, efficient



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



Combo cutting and grinding disc

Iron- and sulphur-free

## 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

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1113 270 100</b>	113600
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1123 270 100</b>	123609
AS 30 T INOX CUT+GRIND						
180 x 3.5 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1183 270 100</b>	143607
Power Pack tin						
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13280	1 tin of 5 discs		<b>6900 936 100</b>	704983
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12200	1 tin of 5 discs		<b>6900 946 100</b>	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.

**FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL 2.5 MM**



**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

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



**2.5 mm** Easy-cutting,  
durable

Iron- and sulphur-free

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1111 906 100</b>	111309
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1113 906 100</b>	113303
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1121 906 100</b>	121308
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1123 906 100</b>	123302
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8600	25		<b>1181 906 100</b>	141306
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8600	25		<b>1183 906 100</b>	143300
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6600	25		<b>1231 906 100</b>	151305
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6600	25		<b>1233 906 100</b>	153309

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STAINLESS STEEL / STEEL 2.2 MM



## 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

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



 **2.2 mm** Easy-cutting,  
durable

Iron- and sulphur-free

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 2.2 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1111 905 100</b>	111293
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1121 905 100</b>	121292
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	25		<b>1181 905 100</b>	141290
230 x 2.2 x 22.23	9 x 3/32 x 7/8	6600	25		<b>1231 905 100</b>	151299

**FREE HAND CUTTING DISCS | STEEL, FROM 3.0 MM**



**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.



 **3-3.5 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1100 015 100</b>	100006
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1102 015 100</b>	102000
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1110 015 100</b>	110005
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1112 015 100</b>	112009
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1120 015 100</b>	120004
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1122 015 100</b>	122008
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		<b>1150 015 100</b>	130003
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		<b>1152 015 100</b>	132007
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1180 015 100</b>	140002
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1182 015 100</b>	142006
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1230 015 100</b>	150001
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1232 015 100</b>	152005
300 x 3.5 x 20.0	12 x 1/8 x 3/4	5100	25		<b>1300 225 100</b>	160093
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25		<b>1300 226 100</b>	160116



# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STEEL, FROM 3.0 MM



## 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.



 **3-4 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1103 115 100</b>	103007
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1111 115 100</b>	111002
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1113 115 100</b>	113006
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1121 115 100</b>	121001
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1123 115 100</b>	123005
150 x 3 x 22.23	6 x 1/8 x 7/8	10200	25		<b>1153 115 100</b>	133004
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1181 115 100</b>	141009
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1183 115 100</b>	143003
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1231 115 100</b>	151008
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1233 115 100</b>	153002
300 x 3.5 x 20	12 x 1/8 x 3/4	5100	25		<b>1301 125 100</b>	161007
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25		<b>1301 126 100</b>	161014
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25		<b>1301 127 100</b>	161021
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		<b>1351 135 100</b>	171006
350 x 4 x 25.4	14 x 5/32 x 1	5500	10		<b>1351 137 100</b>	171020

**FREE HAND CUTTING DISCS | STEEL, FROM 2.0 MM**




**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.



 **2-2.5 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 2 x 22.23	4 1/2 x 5/64 x 7/8	13280	25		<b>1111 055 100</b>	111040
115 x 2 x 22.23	4 1/2 x 5/64 x 7/8	13280	25		<b>1113 055 100</b>	113044
115 x 2.5 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1113 060 100</b>	113037
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	25		<b>1121 055 100</b>	121049
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	25		<b>1123 055 100</b>	123043
125 x 2.5 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1123 060 100</b>	123050
180 x 2 x 22.23	7 x 5/64 x 7/8	8600	25		<b>1181 055 100</b>	141047
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8600	25		<b>1183 060 100</b>	143027
230 x 2 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1231 055 100</b>	151046
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6600	25		<b>1233 060 100</b>	153040

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | STEEL, 3.0 MM



## 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.



 **3 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1111 940 100</b>	111019
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1113 940 100</b>	113013
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1121 940 100</b>	121018
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1123 940 100</b>	123012
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1181 940 100</b>	141016
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1183 940 100</b>	143010
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1231 940 100</b>	151015
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1233 940 100</b>	153026

**FREE HAND CUTTING DISCS | STEEL, 3.0 MM**




**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.



 **3 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1101 966 100</b>	101201
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1111 966 100</b>	111200
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1113 966 100</b>	113204
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1121 966 100</b>	121209
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1123 966 100</b>	123203
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1181 966 100</b>	141214
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1231 965 100</b>	151206
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1233 965 100</b>	153200

# METAL CUTTING DISCS

## FREE HAND CUTTING DISCS | STEEL, 2.2 MM




### 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.



 **2.2 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
100 x 2.2 x 16	4 x 3/32 x 5/8	15250	25		<b>1101 070 100</b>	101256
115 x 2.2 x 22.23	4 1/2 x 3/32 x 7/8	13280	25		<b>1111 070 100</b>	111255
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	25		<b>1121 070 100</b>	121254
150 x 2.2 x 22.23	6 x 3/32 x 7/8	10200	25		<b>1151 070 100</b>	131253
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	25		<b>1181 070 100</b>	141252
230 x 2.2 x 22.23	9 x 3/32 x 7/8	6600	25		<b>1231 070 100</b>	151251

**FREE HAND CUTTING DISCS | ALUMINIUM, FROM 1.2 MM**



**1.2 mm** Thin, precise, fast, durable



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



This item is also available with the X-LOCK adapter

**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.



**X-LOCK – tool-free cutting disc changes**

- Save time by changing discs quickly and easily – without tools
- 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



Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1111 150 100</b>	111163
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1121 150 100</b>	121063
<b>Bosch quick-mount X-LOCK</b>						
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1911 150 100</b>	111064
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1921 150 100</b>	120639



**1.6–1.9 mm** Easy-cutting, durable

**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 <sup>-1</sup>		Shape	Item code	EAN 4081600
150 x 1.6 x 22.23	6 x 1/16 x 7/8	10200	25		<b>1153 150 100</b>	133066
180 x 1.6 x 22.23	7 x 1/16 x 7/8	8600	25		<b>1183 150 100</b>	143041
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1233 150 100</b>	153033

# METAL CUTTING DISCS

FREE HAND CUTTING DISCS | RAIL SECTIONS, FROM 3.5 MM



## AS 24 R BAHN


**SUPERIOR** ★★★★★☆






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

- Good cutting speed

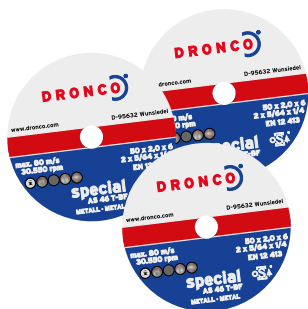
**Field of application:** For cutting new and compressed rail sections (such as UIC 60, S54 or S49).



 **3.5-4 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 3.5 x 22.23	12 x 1/8 x 7/8	5100	25		<b>1301 376 100</b>	161113
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25		<b>1301 377 100</b>	161120
350 x 4 x 22.23	14 x 5/32 x 7/8	5500	10		<b>1351 386 100</b>	171112
350 x 4 x 25.4	14 x 5/32 x 1	5500	10		<b>1351 387 100</b>	171129

## MINI CUTTING DISCS, FROM 1 MM



**1-2 mm**

Thin, precise,  
fast, durable

### 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 <sup>-1</sup>		Shape	Item code	EAN 4081600
50 x 1 x 6	2 x 1/25 x 1/4	30600	25		<b>6405 006 100</b>	642520
50 x 2 x 6	2 x 5/64 x 1/4	30600	25		<b>6405 000 100</b>	642421
60 x 2 x 6	2 3/8 x 5/64 x 1/4	25450	25		<b>6406 001 100</b>	642438
65 x 1 x 6	2 1/2 x 1/25 x 1/4	23500	25		<b>6406 500 100</b>	640038
76 x 1 x 6	3 x 1/25 x 1/4	20100	25		<b>6407 637 100</b>	642964
76 x 1.2 x 10	3 x 1/25 x 3/8	20100	25		<b>6407 634 100</b>	640045
76 x 1.6 x 10	3 x 1/16 x 3/8	20100	25		<b>6407 622 100</b>	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		Item code	EAN 4081600
Tensioning shaft, 6 mm x M6	6 mm	1/4 x M6	1	<b>6400 001 100</b>	642575
Tensioning shaft, 6 mm x M10	6 mm	1/4 x M10	1	<b>6400 002 100</b>	642582



# METAL CUTTING DISCS

DISCS FOR STATIONARY CUTTING MACHINES / CHOP SAWS, FROM 3.5 MM



## 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.



 **3.5 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 3.5 x 25.4	12 x 1/8 x 1	5100	25		<b>2301 320 100</b>	260205
300 x 3.5 x 32	12 x 1/8 x 1 1/4	5100	25		<b>2301 340 100</b>	260229
350 x 3.5 x 25.4	14 x 1/8 x 1	4400	10		<b>2351 320 100</b>	270204
350 x 3.5 x 32	14 x 1/8 x 1 1/4	4400	10		<b>2351 340 100</b>	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.



 **3.5 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 3.5 x 25.4	12 x 1/8 x 1	6400	25		<b>2300 020 100</b>	260014
300 x 3.5 x 32	12 x 1/8 x 1 1/4	6400	25		<b>2300 040 100</b>	260038
350 x 3.5 x 25.4	14 x 1/8 x 1	5500	10		<b>2350 020 100</b>	270006
350 x 3.5 x 32	14 x 1/8 x 1 1/4	5500	10		<b>2350 040 100</b>	270037
400 x 4 x 25.4	16 x 5/32 x 1	4780	10		<b>2400 020 100</b>	280005
400 x 4 x 40	16 x 5/32 x 1 9/16	4780	10		<b>2400 050 100</b>	280043

**DISCS FOR STATIONARY CUTTING MACHINES / CHOP SAWS, FROM 2.8 MM**



**2.8 - 3.2 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 2.8 x 25.4	12 x 7/64 x 1	5100	25		<b>2300 220 100</b>	261103
350 x 3 x 25.4	14 x 1/8 x 1	4400	10		<b>2350 220 100</b>	271102
400 x 3.2 x 25.4	16 x 1/8 x 1	4780	10		<b>2400 220 100</b>	281101

**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.



**2.8 - 3.0 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 2.8 x 25.4	12 x 7/64 x 1	5100	25		<b>2300 920 100</b>	260151
350 x 3 x 25.4	14 x 1/8 x 1	4400	10		<b>2350 920 100</b>	270150

**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.

**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.

DRONCO 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 FOR STONE	55
FREE HAND CUTTING DISCS FOR ASPHALT / DUCTILE	58

**GENERAL INFORMATION**

# IMPORTANT INFO AT A GLANCE

The following specifications provide you with a helpful overview of the details included on our cutting disc labels.

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

**Colour indicates quality line**  
Gold – Evolution  
Silver – Superior and Perfect

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

**Expiry date (quarter/year)**

**max. circumferential speed**  
max. 80 m/s

**max. speed**  
rpm. 12200

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

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

**Quality line**

**Colour coding system**  
Green – Stone cutting discs

**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.

**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

# STONE CUTTING DISCS

## GENERAL INFORMATION

## QUALITY LINES FOR EVERY REQUIREMENT

### QUALITY LINES ACCORDING TO 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.



### ★★★★☆ PERFECT

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



APPLICATION TABLE FOR STONE CUTTING DISCS

# APPLICATION TABLE STONE CUTTING DISCS

	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
<b>FREE HAND CUTTING DISCS, STONE</b>																	
C 60 R PERFECT	55		●	●	●	●		●	●●	●●	●	●●	●	●		●	
C 46 R PERFECT	55		●	●	●	●		●	●●	●●	●	●●	●	●		●	
C 24 R PERFECT	56	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CS 24 R SPECIAL	57	●	●●	●●	●	●	●	●●	●	●	●	●	●	●●	●●	●●	●
<b>FREE HAND CUTTING DISCS, ASPHALT/DUCTILE</b>																	
CS 30 SPECIAL	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



# STONE CUTTING DISCS

FREE HAND CUTTING DISCS | STONE, FROM 1.2 MM



**1.2 mm** Thin, precise, fast

## 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 <sup>-1</sup>		Shape	Item code	EAN 4081600
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	25		<b>1115 000 100</b>	110043
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	25		<b>1125 000 100</b>	120042
<b>Power Pack tin</b>						
115 x 1.2 x 22.23	4 1/2 x 3/64 x 7/8	13280	1 tin of 10 discs		<b>6900 955 100</b>	701074
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	1 tin of 10 discs		<b>6900 965 100</b>	701081



**1.9 mm** Thin, fast

## 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 <sup>-1</sup>		Shape	Item code	EAN 4081600
230 x 1.9 x 22.23	9 x 5/64 x 7/8	6600	25		<b>1238 250 100</b>	157116

FREE HAND CUTTING DISCS | STONE, 3 MM



**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.



**3 mm**

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1105 015 100</b>	105001
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		<b>1107 015 100</b>	107005
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1115 015 100</b>	115000
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1117 015 100</b>	117004
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1125 015 100</b>	125009
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1127 015 100</b>	127003
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1185 015 100</b>	145007
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1187 015 100</b>	147001
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1235 015 100</b>	155006
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1237 015 100</b>	157000



# STONE CUTTING DISCS

FREE HAND CUTTING DISCS | STONE, FROM 3 MM



## 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.



 **3-4 mm**

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1116 015 100</b>	116007
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	25		<b>1118 015 100</b>	118001
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1126 015 100</b>	126006
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	25		<b>1128 015 100</b>	128000
180 x 3 x 22.23	7 x 1/8 x 7/8	8600	25		<b>1186 015 100</b>	146004
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1236 015 100</b>	156003
230 x 3 x 22.23	9 x 1/8 x 7/8	6600	25		<b>1238 015 100</b>	158007
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		<b>1306 035 100</b>	166002
300 x 4 x 22.23	12 x 5/32 x 7/8	5100	25		<b>1306 036 100</b>	166019
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		<b>1356 035 100</b>	176001
350 x 4 x 25.4	14 x 5/32 x 1	5500	10		<b>1356 037 100</b>	176025

FREE HAND CUTTING DISCS | ASPHALT/DUCTILE, 4 MM



**CS 30 ASPHALT / DUCTILE**


**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).



 **4 mm**

Ø in mm	Ø in inches	RPM min <sup>-1</sup>		Shape	Item code	EAN 4081600
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		<b>1306 135 100</b>	166040
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		<b>1356 135 100</b>	176087

# GRINDING DISCS

GENERAL INFORMATION	60
GRINDING DISCS FOR STEEL	63
GRINDING DISCS FOR STAINLESS STEEL / STEEL	65
GRINDING DISCS FOR CAST IRON	69
GRINDING DISCS FOR ALUMINIUM	70
MINI GRINDING DISCS	71
GRINDING DISCS FOR STONE	72



**GENERAL INFORMATION**

# IMPORTANT INFO AT A GLANCE

The product labels for the Evolution line have been updated. They now feature a fresh, clean design with clear user information, internationally recognised pictograms and more explicit labelling of the quality line. The labels for the Superior and Perfect quality lines will be transitioned over to the new design in the course of 2019.

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

**Colour indicates quality line**  
Gold – Evolution  
Silver – Superior and Perfect

**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.

**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

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

**max. speed**  
**max. circumferential speed**

**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

# GRINDING DISCS

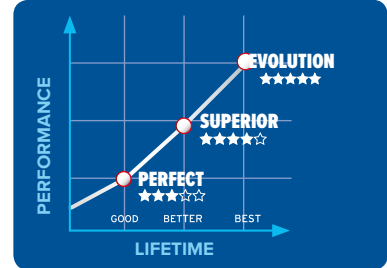
## GENERAL INFORMATION

## 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 craftsmen and semi-professional users who focus on quality. Good service life and good cutting performance at an attractive price.



APPLICATION TABLE

# APPLICATION TABLE GRINDING DISCS

## METAL GRINDING DISCS

	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
<b>GRINDING DISCS FOR STEEL</b>										
A 30 T PERFECT	63	●●	○	○		●		○	○	○
AS 30 R SPECIAL	63	●●	●●	●●		●		●●	●	●
AS 24/30 T SUPERIOR	64	●●	●	●		●●		●●	○	●
<b>GRINDING DISCS FOR STAINLESS STEEL / STEEL</b>										
AS 30 S INOX SPECIAL	65	●	●	●	●●	●	●●	●	●	○
AS 30 T INOX SPECIAL	65	●	●	●●	●●	●	●●	●●	●	○
AZ 30 S EVOLUTION	66	●●	●	●●	●●	●	●●	●●	●●	●
AZ 30 T EVOLUTION	66	●●	●	●●	●●	●	●●	●●	●●	●
AK 36 T EVOLUTION CERAMAXX	67	●●	●●	●●	●●	●●	●●	●●	●●	●
AK 24 V EVOLUTION CERAMAXX	68	●●	●●	●●	●●	●●	●●	●●	●●	●
<b>GRINDING DISCS FOR CAST IRON</b>										
AS 24 S CAST IRON SPECIAL	69	○				○			●●	●●
<b>GRINDING DISCS FOR ALUMINIUM</b>										
AS 46 ALU SPECIAL	70	○				○			●	●●
<b>MINI GRINDING DISCS</b>										
AS 46 T MINI SPECIAL	71	●	●	●	○	●	○	○	○	○


## STONE GRINDING DISCS

	Page	Concrete	Granite	Sand-lime brick	Clinker brick	Marble	Porcelain	Fireproof clay	Slate	Terrazzo	Clay pipes	Exposed aggregate concrete
<b>GRINDING DISCS FOR STONE</b>												
CS 30 S SPECIAL	72	●●	●	●●	●	●	●	●	●	●	●	●

# GRINDING DISCS

## GRINDING DISCS | STEEL












 **6-8 mm**

### 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		Shape	Item code	EAN 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15250	10		<b>3106 040 100</b>	300024
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 040 100</b>	310023
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 040 100</b>	320022
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 040 100</b>	330021
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 041 100</b>	340020
180 x 8 x 22.23	7 x 5/16 x 7/8	8600	10		<b>3188 040 100</b>	340082
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 041 100</b>	350029
230 x 8 x 22.23	9 x 5/16 x 7/8	6600	10		<b>3238 040 100</b>	350067










 **4-6 mm**

### 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		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 500 100</b>	313000
125 x 4 x 22.23	5 x 5/32 x 7/8	12200	10		<b>3124 500 100</b>	323016
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 500 100</b>	323009
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 500 100</b>	333008
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 500 100</b>	343014
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 500 100</b>	353006

GRINDING DISCS | STEEL



 **6 mm**









**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		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 520 100</b>	313055
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 520 100</b>	323047
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 520 100</b>	333046
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 520 100</b>	343052
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 520 100</b>	353068



# GRINDING DISCS

## GRINDING DISCS | STAINLESS STEEL/STEEL



### 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

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

Iron- and sulphur-free

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15250	10		<b>3106 540 100</b>	303063
115 x 4 x 22.23	4 1/2 x 5/32 x 7/8	13280	10		<b>3114 540 100</b>	313093
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 540 100</b>	313062
125 x 4 x 22.23	5 x 5/32 x 7/8	12200	10		<b>3124 540 100</b>	323030
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 540 100</b>	323061
150 x 4 x 22.23	6 x 5/32 x 7/8	10200	10		<b>3154 540 100</b>	333053
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 540 100</b>	333060
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 540 100</b>	343090
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 540 100</b>	353051



### 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

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

Iron- and sulphur-free

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
115 x 7 x 22.23	4 1/2 x 9/32 x 7/8	13280	10		<b>3117 545 100</b>	313307
125 x 7 x 22.23	5 x 9/32 x 7/8	12200	10		<b>3127 545 100</b>	323306
180 x 7 x 22.23	7 x 9/32 x 7/8	8600	10		<b>3187 545 100</b>	343304
230 x 7 x 22.23	9 x 9/32 x 7/8	6600	10		<b>3237 545 100</b>	353303

GRINDING DISCS | STAINLESS STEEL/STEEL



6 mm



Iron- and sulphur-free

**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

**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		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 560 100</b>	313253
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 560 100</b>	323252
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 560 100</b>	333251
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 560 100</b>	343250
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 560 100</b>	353259



6 mm



Iron- and sulphur-free

**AZ 30 T INOX**  
**EVOLUTION** ★★★★★

Grinding disc with 25% proportion of zirconium corundum.

- Extremely long service life
- High removal rates
- Attractive price-performance ratio


**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		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 550 100</b>	313215
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 550 100</b>	323214
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 550 100</b>	353266

# GRINDING DISCS

## GRINDING DISCS | STAINLESS STEEL/STEEL



 3 mm



Self-sharpening ceramic abrasive grain of the latest generation for ultimate performance




Iron- and sulphur-free

### 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

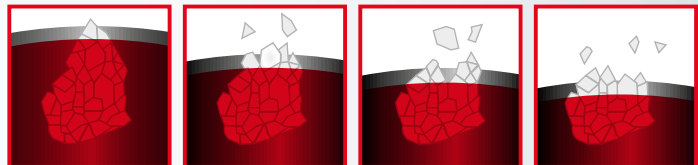
**Field of application:** This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel 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		Shape	Item code	EAN 4081600
115 x 3 x 22.23	4 1/2 x 1/8 x 7/8	13280	10		<b>3113 551 100</b>	311112
125 x 3 x 22.23	5 x 1/8 x 7/8	12200	10		<b>3123 551 100</b>	320145



### CERAMAXX OUR STRONGEST DISCS WITH LATEST-GENERATION CERAMIC ABRASIVE GRAIN AND PERFORMANCE THAT'S 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 grinding discs can always put in a top performance – from start to finish. For maximum removal rates and service life.

GRINDING DISCS | STAINLESS STEEL/STEEL



**4-7 mm**



Self-sharpening ceramic abrasive grain of the latest generation for ultimate performance

Iron- and sulphur-free

**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

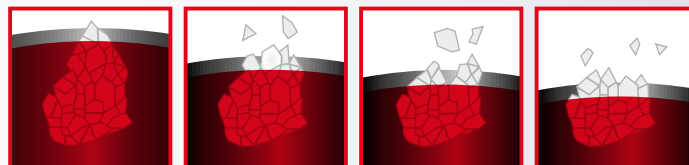
**Field of application:** This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel 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		Shape	Item code	EAN 4081600
115 x 7 x 22.23	4 1/2 x 9/32 x 7/8	13280	10		<b>3117 561 100</b>	313192
125 x 4 x 22.23	5 x 5/32 x 7/8	12200	10		<b>3124 560 100</b>	323191
125 x 7 x 22.23	5 x 9/32 x 7/8	12200	10		<b>3127 560 100</b>	323405
150 x 7 x 22.23	6 x 9/32 x 7/8	10200	10		<b>3157 560 100</b>	333084
180 x 7 x 22.23	7 x 9/32 x 7/8	8600	10		<b>3187 560 100</b>	343403
230 x 7 x 22.23	9 x 9/32 x 7/8	6600	10		<b>3237 561 100</b>	353211



**CERAMAXX OUR STRONGEST DISCS WITH LATEST-GENERATION CERAMIC ABRASIVE GRAIN AND PERFORMANCE THAT'S 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 grinding discs can always put in a top performance – from start to finish. For maximum removal rates and service life.

# GRINDING DISCS

## GRINDING DISCS | CAST IRON



 7 mm

### 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		Shape	Item code	EAN 4081600
180 x 7 x 22.23	7 x 9/32 x 7/8	8600	10		<b>3187 860 100</b>	343182
230 x 7 x 22.23	9 x 9/32 x 7/8	6600	10		<b>3237 860 100</b>	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.

GRINDING DISCS | ALUMINIUM




**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.



 **6 mm**

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 580 100</b>	313079
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 580 100</b>	323078
150 x 6 x 22.23	6 x 1/4 x 7/8	10200	10		<b>3156 580 100</b>	333077
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 580 100</b>	343076
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 580 100</b>	353075

# GRINDING DISCS

## MINI GRINDING DISCS | STEEL



 6 mm

### 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		Shape	Item code	EAN 4081600
60 x 6 x 6	2 3/8 x 1/4 x 1/4	25450	10		<b>6406 000 100</b>	642551
76 x 6 x 10	3 x 1/4 x 3/8	20100	10		<b>6407 600 100</b>	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	EAN 4081600
Tensioning shaft, 6 mm x M6	6 mm	1/4	1	<b>6400 001 100</b>	642575
Tensioning shaft, 6 mm x M10	6 mm	1/4	1	<b>6400 002 100</b>	642582

GRINDING DISCS | STONE



**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.



**6 mm**

Ø in mm	Ø in inches	RPM min-1		Shape	Item code	EAN 4081600
115 x 6 x 22.23	4 1/2 x 1/4 x 7/8	13280	10		<b>3116 660 100</b>	313109
125 x 6 x 22.23	5 x 1/4 x 7/8	12200	10		<b>3126 660 100</b>	323108
180 x 6 x 22.23	7 x 1/4 x 7/8	8600	10		<b>3186 660 100</b>	343106
230 x 6 x 22.23	9 x 1/4 x 7/8	6600	10		<b>3236 660 100</b>	353105



# FLAP DISCS

---

GENERAL INFORMATION 74

FLAP DISCS  
NORMAL CORUNDUM 78

FLAP DISCS  
ZIRCONIUM CORUNDUM 80

FLAP DISCS  
CERAMIC GRAIN 89

Flap discs

Abrasives



Polishing and  
satinising

Industrial

Strip brushes

Diamond  
cutting discs

Diamond tools

**GENERAL INFORMATION**

# 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. We've also given all of our product labels a new design in the process. The additional information, 'an Osborn brand', indicates our affiliation with the Osborn umbrella brand.

A fresh and clean design with clear user information, internationally recognised pictograms and more explicit labelling of the quality line – this is the new layout you'll see on our flap discs.

## DESCRIPTION

- Read the safety instructions
- Wear eye protection
- Wear hearing protection
- Wear a respirator
- Wear gloves
- Not permitted for wet grinding

Safety information

Field of application

### Standards

Our products meet the highest safety requirements and standards:  
EN 13743 - Abrasive flap discs  
oSa - Organization for the Safety of Abrasives



Dimensions

Outer diameter, diameter of the hole, Metric and imperial data

EAN code

max. circumferential speed

max. speed

Grit size

Quality line

Type of abrasive grain

Type designation



Shape of flap disc



# FLAP DISCS

## GENERAL INFORMATION

## QUALITY LINES FOR EVERY REQUIREMENT

### THREE QUALITY LINES THAT FOLLOW THE GOOD-BETTER-BEST PRINCIPLE

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

All products meet the relevant standards, achieve a high specific grinding 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 a maximum removal rate and an outstanding service life. You'll recognise the Evolution Line by its label with five stars.



### ★★★★☆ SUPERIOR

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



### ★★★☆☆ PERFECT

The flap disc range for craftspeople who focus on quality and semi-pro users. Good service life and a good removal rate at an attractive price. You'll recognise the Perfect Line by its label with three stars.



GENERAL INFORMATION

# 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.



**CERA MAXX**

## CERAMIC GRAIN ABRASIVE CLOTH

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.



**ZIRCON MAXX**

## ZIRCONIUM ABRASIVE CLOTH

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.



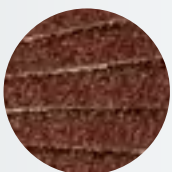
**ZIRCON PLUS  
ZIRCON FLX  
ZIRCON SPEED**

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.



**ALOX POWER  
ALOX GRIND+  
FINISH**

## ALUMINIUM OXIDE ABRASIVE CLOTH

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.

# FLAP DISCS

## GENERAL INFORMATION

# APPLICATION TABLE FLAP DISCS

	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
<b>FLAP DISCS NORMAL CORUNDUM</b>												
PERFECT ALOX POWER	78	●●	●●	●●	●	●●		●	●	●	●	●
EVOLUTION ALOX GRIND + FINISH	79	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
<b>FLAP DISCS ZIRCONIUM CORUNDUM</b>												
PERFECT ZIRCON POWER	80	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
PERFECT ZIRCON TRIM	81	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
PERFECT ZIRCON JUMBO	82	●●	●●	●●	●●	●●	●●	●●	●●	●	●	●
SUPERIOR ZIRCON PLUS	83	●●	●●	●●	●●	●●●	●●●	●●	●●●	●	●	●
SUPERIOR ZIRCON PRIME G-AZ	84	●●	●●	●●	●●	●●●	●●●	●●	●●●	●	●	●
EVOLUTION ZIRCON SPEED	85	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
EVOLUTION ZIRCON FLX	86	●●	●●	●●	●●	●●	●●	●	●●	●	●	●
EVOLUTION ZIRCON MAXX	87	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●
<b>FLAP DISCS CERAMIC GRAIN</b>												
SUPERIOR CERA PLUS	88	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●
EVOLUTION CERA MAXX	89	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●	●	●

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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 004 100</b>	565300
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 006 100</b>	565317
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 007 100</b>	565324
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5231 009 100</b>	565331
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 004 100</b>	565508
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 006 100</b>	565515
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 007 100</b>	565522
125 x 22,23	5 x 7/8	12200	120	10		<b>5232 009 100</b>	565539
180 x 22,23	7 x 7/8	8600	40	10		<b>5238 004 100</b>	565706
180 x 22,23	7 x 7/8	8600	60	10		<b>5238 006 100</b>	565713
180 x 22,23	7 x 7/8	8600	80	10		<b>5238 007 100</b>	565720
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 204 100</b>	565409
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 206 100</b>	565416
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 207 100</b>	565423
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5231 209 100</b>	565430
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 204 100</b>	565607
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 206 100</b>	565614
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 207 100</b>	565621
125 x 22,23	5 x 7/8	12200	120	10		<b>5232 209 100</b>	565638
180 x 22,23	7 x 7/8	8600	40	10		<b>5238 204 100</b>	565805
180 x 22,23	7 x 7/8	8600	60	10		<b>5238 206 100</b>	565812
180 x 22,23	7 x 7/8	8600	80	10		<b>5238 207 100</b>	565829

# FLAP DISCS

## FLAP DISCS WITH NORMAL CORUNDUM










### 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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	60 + coarse	10		<b>5251 704 100</b>	565119
115 x 22,23	4 1/2 x 7/8	13280	80 + medium	10		<b>5251 706 100</b>	565126
115 x 22,23	4 1/2 x 7/8	13280	120 + fine	10		<b>5251 707 100</b>	565133
125 x 22,23	5 x 7/8	12200	60 + coarse	10		<b>5252 704 100</b>	565218
125 x 22,23	5 x 7/8	12200	80 + medium	10		<b>5252 706 100</b>	565225
125 x 22,23	5 x 7/8	12200	120 + fine	10		<b>5252 707 100</b>	565232

#### Three different combinations



60 + coarse



80 + medium



120 + fine



Removal of welding seams and attractive finish in a single process

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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 184 100</b>	560404
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 186 100</b>	560411
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 187 100</b>	560428
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 184 100</b>	560602
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 186 100</b>	560619
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 187 100</b>	560626
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 384 100</b>	560503
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 386 100</b>	560510
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 387 100</b>	560527
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5231 389 100</b>	560534
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 384 100</b>	560701
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 386 100</b>	560718
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 387 100</b>	560725
125 x 22,23	5 x 7/8	12200	120	10		<b>5232 389 100</b>	560732
180 x 22,23	7 x 7/8	8600	40	10		<b>5238 384 100</b>	560800
180 x 22,23	7 x 7/8	8600	60	10		<b>5238 386 100</b>	560817
180 x 22,23	7 x 7/8	8600	80	10		<b>5238 387 100</b>	560824



# FLAP DISCS

## 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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5131 184 100</b>	560909
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5131 186 100</b>	560916
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5131 187 100</b>	560923
125 x 22,23	5 x 7/8	12200	40	10		<b>5132 184 100</b>	561005
125 x 22,23	5 x 7/8	12200	60	10		<b>5132 186 100</b>	561012
125 x 22,23	5 x 7/8	12200	80	10		<b>5132 187 100</b>	561029

FLAP DISCS WITH ZIRCONIUM CORUNDUM
















**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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 164 100</b>	560008
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 166 100</b>	560015
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 167 100</b>	560022
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 164 100</b>	560206
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 166 100</b>	560213
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 167 100</b>	560220
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5231 364 100</b>	560107
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5231 366 100</b>	560114
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5231 367 100</b>	560121
125 x 22,23	5 x 7/8	12200	40	10		<b>5232 364 100</b>	560305
125 x 22,23	5 x 7/8	12200	60	10		<b>5232 366 100</b>	560312
125 x 22,23	5 x 7/8	12200	80	10		<b>5232 367 100</b>	560329

+ Higher number of flaps - steeper arrangement of flaps



# FLAP DISCS

## 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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5241 104 100</b>	561104
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5241 106 100</b>	561111
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5241 107 100</b>	561128
125 x 22,23	5 x 7/8	12200	40	10		<b>5242 104 100</b>	561302
125 x 22,23	5 x 7/8	12200	60	10		<b>5242 106 100</b>	561319
125 x 22,23	5 x 7/8	12200	80	10		<b>5242 107 100</b>	561326
180 x 22,23	7 x 7/8	8600	40	10		<b>5248 104 100</b>	561500
180 x 22,23	7 x 7/8	8600	60	10		<b>5248 106 100</b>	561517
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5241 304 100</b>	561203
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5241 306 100</b>	561210
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5241 307 100</b>	561227
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5241 309 100</b>	561234
125 x 22,23	5 x 7/8	12200	40	10		<b>5242 304 100</b>	561401
125 x 22,23	5 x 7/8	12200	60	10		<b>5242 306 100</b>	561418
125 x 22,23	5 x 7/8	12200	80	10		<b>5242 307 100</b>	561425
125 x 22,23	5 x 7/8	12200	120	10		<b>5242 309 100</b>	561432
180 x 22,23	7 x 7/8	8600	40	10		<b>5248 304 100</b>	561609
180 x 22,23	7 x 7/8	8600	60	10		<b>5248 306 100</b>	561616

FLAP DISCS WITH ZIRCONIUM CORUNDUM
























**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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5211 104 100</b>	511505
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5211 106 100</b>	511512
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5211 107 100</b>	511529
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5211 109 100</b>	511543
125 x 22,23	5 x 7/8	12200	40	10		<b>5212 104 100</b>	521504
125 x 22,23	5 x 7/8	12200	60	10		<b>5212 106 100</b>	521511
125 x 22,23	5 x 7/8	12200	80	10		<b>5212 107 100</b>	521528
125 x 22,23	5 x 7/8	12200	120	10		<b>5212 109 100</b>	521542
180 x 22,23	7 x 7/8	8600	40	10		<b>5218 104 100</b>	541502
180 x 22,23	7 x 7/8	8600	60	10		<b>5218 106 100</b>	541519
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5211 304 100</b>	511109
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5211 306 100</b>	511116
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5211 307 100</b>	511123
115 x 22,23	4 1/2 x 7/8	13280	120	10		<b>5211 309 100</b>	511147
125 x 22,23	5 x 7/8	12200	40	10		<b>5212 304 100</b>	521207
125 x 22,23	5 x 7/8	12200	60	10		<b>5212 306 100</b>	521214
125 x 22,23	5 x 7/8	12200	80	10		<b>5212 307 100</b>	521221
125 x 22,23	5 x 7/8	12200	120	10		<b>5212 309 100</b>	521269
180 x 22,23	7 x 7/8	8600	40	10		<b>5218 304 100</b>	541014
180 x 22,23	7 x 7/8	8600	60	10		<b>5218 306 100</b>	541021

# FLAP DISCS

## FLAP DISCS WITH ZIRCONIUM CORUNDUM










### ZIRCON SPEED EVOLUTION ★★★★★

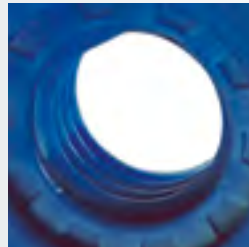
Premium flap disc with backing plate made of glass fibre reinforced plastic with M14 thread.

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		Shape	Item code	EAN 4081600
115 x M14	4 1/2 x M14	13280	40	10		<b>5151 154 100</b>	563504
115 x M14	4 1/2 x M14	13280	60	10		<b>5151 156 100</b>	563511
115 x M14	4 1/2 x M14	13280	80	10		<b>5151 157 100</b>	563528
125 x M14	5 x M14	12200	40	10		<b>5152 154 100</b>	563603
125 x M14	5 x M14	12200	60	10		<b>5152 156 100</b>	563610
125 x M14	5 x M14	12200	80	10		<b>5152 157 100</b>	563627



Saves set-up time thanks to the integrated M14 adapter

FLAP DISCS WITH ZIRCONIUM CORUNDUM










**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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5251 604 100</b>	564907
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5251 606 100</b>	564914
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5251 607 100</b>	564921
125 x 22,23	5 x 7/8	12200	40	10		<b>5252 604 100</b>	565003
125 x 22,23	5 x 7/8	12200	60	10		<b>5252 606 100</b>	565010
125 x 22,23	5 x 7/8	12200	80	10		<b>5252 607 100</b>	565027

# FLAP DISCS

## 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 long service 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

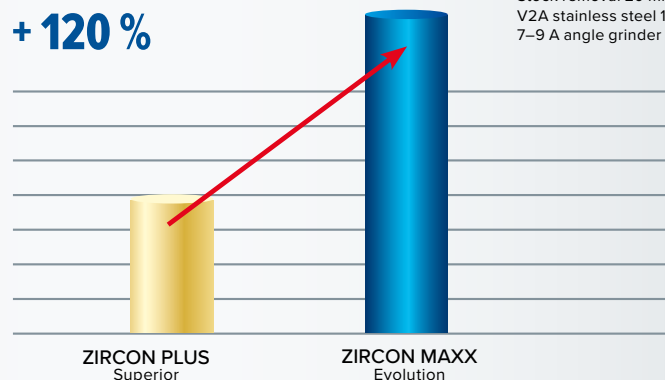
**Field of application:** For processing high alloy, martensitic steel, titanium, malleable cast iron, wrought iron, nickelcobalt alloys, chrome and chrome-nickel-steel, brass or bronze. Areas of application: Sheet metal processing, container construction, cast parts, hand tools, tubes and bars, metal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

Ø in mm	Ø in Inch	RPM min-1	Grit		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5251 104 100</b>	563702
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5251 106 100</b>	563719
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5251 107 100</b>	563726
125 x 22,23	5 x 7/8	12200	40	10		<b>5252 104 100</b>	563900
125 x 22,23	5 x 7/8	12200	60	10		<b>5252 106 100</b>	563917
125 x 22,23	5 x 7/8	12200	80	10		<b>5252 107 100</b>	563924
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5251 304 100</b>	563801
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5251 306 100</b>	563818
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5251 307 100</b>	563825
125 x 22,23	5 x 7/8	12200	40	10		<b>5252 304 100</b>	564402
125 x 22,23	5 x 7/8	12200	60	10		<b>5252 306 100</b>	564419
125 x 22,23	5 x 7/8	12200	80	10		<b>5252 307 100</b>	564426



#### Removal rates on edges

**+ 120 %**



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.

FLAP DISCS WITH CERAMIC ABRASIVE GRAIN



**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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5241 434 100</b>	561708
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5241 436 100</b>	561715
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5241 437 100</b>	561722
125 x 22,23	5 x 7/8	12200	40	10		<b>5242 434 100</b>	561906
125 x 22,23	5 x 7/8	12200	60	10		<b>5242 436 100</b>	561913
125 x 22,23	5 x 7/8	12200	80	10		<b>5242 437 100</b>	561920
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5241 444 100</b>	561807
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5241 446 100</b>	561814
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5241 447 100</b>	561821
125 x 22,23	5 x 7/8	12200	40	10		<b>5242 444 100</b>	562002
125 x 22,23	5 x 7/8	12200	60	10		<b>5242 446 100</b>	562019
125 x 22,23	5 x 7/8	12200	80	10		<b>5242 447 100</b>	562026



# FLAP DISCS

## FLAP DISCS WITH CERAMIC ABRASIVE GRAIN



### CERA MAXX EVOLUTION ★★★★★

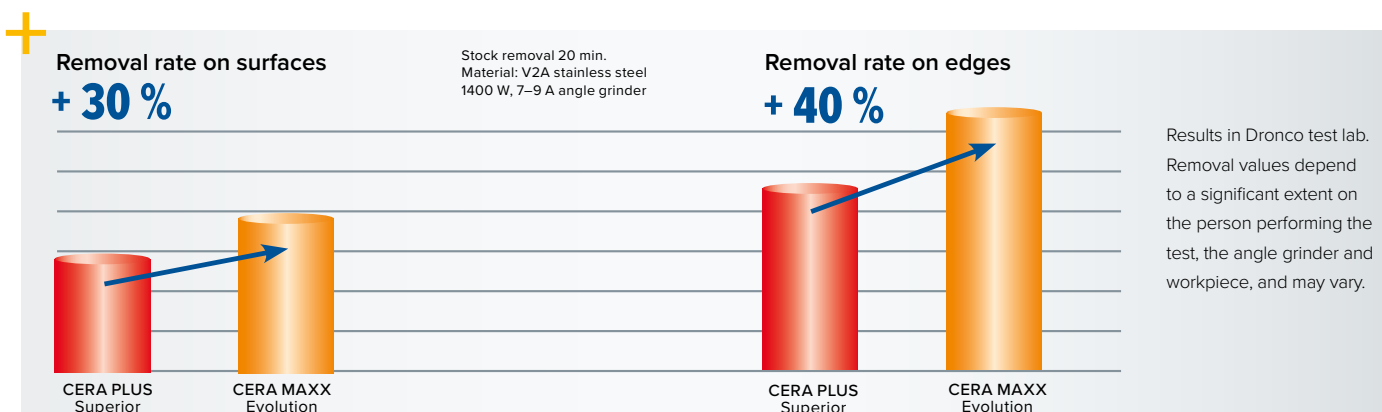
Premium product with self-sharpening ceramic grain and additives that actively support grinding.

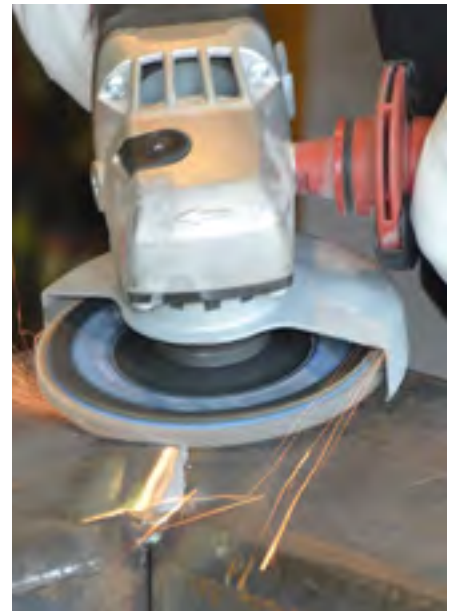
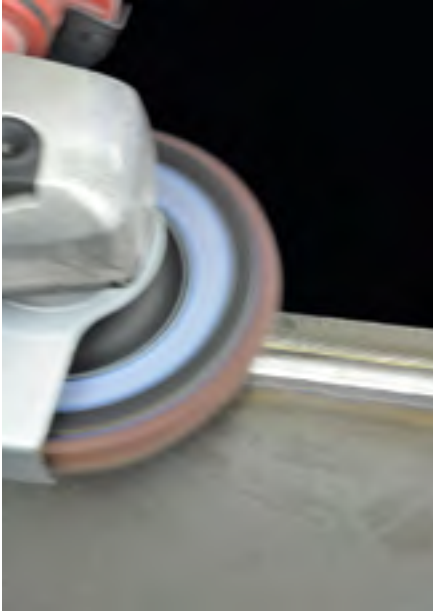
Additional top coat for particularly cool grinding and improved level of surface quality. This innovative abrasive band impresses thanks to a permanently available aggressive removal rate and incredibly long lifetime. The ultimate for demanding grinding work on high alloy or heat-sensitive steel.

- 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		Shape	Item code	EAN 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5251 434 100</b>	564501
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5251 436 100</b>	564518
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5251 437 100</b>	564525
125 x 22,23	5 x 7/8	12200	40	10		<b>5252 434 100</b>	564709
125 x 22,23	5 x 7/8	12200	60	10		<b>5252 436 100</b>	564716
125 x 22,23	5 x 7/8	12200	80	10		<b>5252 437 100</b>	564723
115 x 22,23	4 1/2 x 7/8	13280	40	10		<b>5251 444 100</b>	564600
115 x 22,23	4 1/2 x 7/8	13280	60	10		<b>5251 446 100</b>	564617
115 x 22,23	4 1/2 x 7/8	13280	80	10		<b>5251 447 100</b>	564624
125 x 22,23	5 x 7/8	12200	40	10		<b>5252 444 100</b>	564808
125 x 22,23	5 x 7/8	12200	60	10		<b>5252 446 100</b>	564815
125 x 22,23	5 x 7/8	12200	80	10		<b>5252 447 100</b>	564822







Abrasives from DRONCO guarantee the highest quality with respect to:

- Grinding performance
- Grinding finish
- Service life
- Safety
- Efficiency

## ABRASIVES

FIBRE DISCS FOR ANGLE GRINDERS	92
SEMI-FLEXIBLE DISCS FOR ANGLE GRINDERS	94
BACKING PADS	95
GRINDING CUPS FOR ANGLE GRINDERS	96
FLAP WHEELS	97
SANDING DRUMS	97
ECONOMY ROLLS FOR MANUAL SANDING	98
1-2-3 SYSTEM FOR MANUAL SANDING	99
1-2-3-4 SYSTEM FOR MANUAL BODYWORK SANDING	103



## FIBRE DISCS FOR USE ON ANGLE GRINDERS



### FIBER A


PERFECT ★★☆☆☆

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

## FIBRE DISCS FOR USE ON ANGLE GRINDERS



### 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		Item code	EAN 4081600
AZ 36 Fiber	125 x 22	5 x 7/8	25	<b>6722 333 000</b>	674859
AZ 50 Fiber	125 x 22	5 x 7/8	25	<b>6722 335 000</b>	674866
AZ 60 Fiber	125 x 22	5 x 7/8	25	<b>6722 336 000</b>	674873
AZ 80 Fiber	125 x 22	5 x 7/8	25	<b>6722 337 000</b>	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		Item code	EAN 4081600
AK 36+ Fiber	115 x 22.23	4 1/2 x 7/8	25	<b>6011 814 000</b>	601718
AK 36+ Fiber	125 x 22.23	5 x 7/8	25	<b>6012 814 000</b>	602715
AK 60 Fiber	115 x 22.23	4 1/2 x 7/8	25	<b>6011 816 000</b>	601732
AK 60 Fiber	125 x 22.23	5 x 7/8	25	<b>6012 816 000</b>	602739
AK 80 Fiber	115 x 22.23	4 1/2 x 7/8	25	<b>6011 817 000</b>	601749
AK 80 Fiber	125 x 22.23	5 x 7/8	25	<b>6012 817 000</b>	602746

Please see the following pages for the right backing pad.

## 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		Item code	EAN 4081600
SC 16	115 x 22	4 1/2 x 7/8	5	<b>6121 100 000</b>	615104
SC 16	125 x 22	5 x 7/8	5	<b>6122 100 000</b>	615302
SC 16	180 x 22	7 x 7/8	5	<b>6123 100 000</b>	615500
SC 24	115 x 22	4 1/2 x 7/8	5	<b>6121 101 000</b>	615111
SC 24	125 x 22	5 x 7/8	5	<b>6122 101 000</b>	615319
SC 24	180 x 22	7 x 7/8	5	<b>6123 101 000</b>	615517
SC 36	115 x 22	4 1/2 x 7/8	5	<b>6121 103 000</b>	615135
SC 36	125 x 22	5 x 7/8	5	<b>6122 103 000</b>	615333
SC 36	180 x 22	7 x 7/8	5	<b>6123 103 000</b>	615531
SC 40	115 x 22	4 1/2 x 7/8	5	<b>6121 104 000</b>	615142
SC 40	125 x 22	5 x 7/8	5	<b>6122 104 000</b>	615340
SC 40	180 x 22	7 x 7/8	5	<b>6123 104 000</b>	615548
SC 60	115 x 22	4 1/2 x 7/8	5	<b>6121 106 000</b>	615166
SC 60	125 x 22	5 x 7/8	5	<b>6122 106 000</b>	615364
SC 60	180 x 22	7 x 7/8	5	<b>6123 106 000</b>	615562
SC 80	115 x 22	4 1/2 x 7/8	5	<b>6121 107 000</b>	615173
SC 80	125 x 22	5 x 7/8	5	<b>6122 107 000</b>	615371
SC 80	180 x 22	7 x 7/8	5	<b>6123 107 000</b>	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 FOR ANGLE GRINDERS



### 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		Item code	EAN 4081600
M14 with velcro	115	4 1/2	1	<b>6211 205 000</b>	621020
M14 with velcro	125	5	1	<b>6212 205 000</b>	622027
M14 with velcro	180	7	1	<b>6218 205 000</b>	624021
M10 without velcro	115	4 1/2	1	<b>6211 100 000</b>	621013
M14 without velcro	115	4 1/2	1	<b>6211 105 000</b>	621006
M14 without velcro	125	5	1	<b>6212 105 000</b>	622003
M14 without velcro	180	7	1	<b>6218 105 000</b>	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		Item code	EAN 4081600
M14 ribbed	115	4 1/2	1	<b>6211 110 000</b>	621099
M14 ribbed	125	5	1	<b>6212 110 000</b>	622096
M14 ribbed	180	7	1	<b>6218 110 000</b>	624090

## 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		Item code	EAN 4081600
AS 16 Q	Coarse	110/90 x 55 x 22.23	1	<b>6311 000 100</b>	631005
AS 24 Q	Medium	110/90 x 55 x 22.23	1	<b>6311 001 100</b>	631012
AS 36 Q	Fine	110/90 x 55 x 22.23	1	<b>6311 003 100</b>	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		Item code	EAN 4081600
CS 16 N	Coarse	110/90 x 55 x 22.23	1	<b>6311 010 100</b>	631050
CS 24 N	Medium	110/90 x 55 x 22.23	1	<b>6311 011 100</b>	631029
CS 60 N	Fine	110/90 x 55 x 22.23	1	<b>6311 016 100</b>	631074
CS 120 N	Very fine	110/90 x 55 x 22.23	1	<b>6311 019 100</b>	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.



## CERAMIC BONDED GRINDING DISCS




### 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		Item code	EAN 4081600
NK 24	Coarse	150 x 20 x 32/20	1	<b>6561 500 000</b>	656039
NK 24	Coarse	175 x 20 x 32/20	1	<b>6561 700 000</b>	656060
NK 24	Coarse	200 x 20 x 32/20	1	<b>6562 000 000</b>	656091
NK 60	Medium	175 x 20 x 32/20	1	<b>6561 710 000</b>	656077
NK 60	Medium	200 x 20 x 32/20	1	<b>6562 010 000</b>	656114
SIC 80	Fine	150 x 20 x 32/20	1	<b>6561 520 000</b>	656053
SIC 80	Fine	175 x 20 x 32/20	1	<b>6561 720 000</b>	656084
SIC 80	Fine	200 x 20 x 32/20	1	<b>6562 020 000</b>	656107

## FLAP WHEELS

### Good to know ...

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



## SANDING DRUMS

### Good to know ...

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



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		Item code	EAN 4081600
50 mm x 50 m	60	1 roll	<b>6790 073 000</b>	679731
50 mm x 50 m	80	1 roll	<b>6790 074 000</b>	679748
50 mm x 50 m	120	1 roll	<b>6790 075 000</b>	679755
50 mm x 50 m	180	1 roll	<b>6790 076 000</b>	679762
50 mm x 50 m	240	1 roll	<b>6790 077 000</b>	679779

# ABRASIVES

## DRONCO 1-2-3 SYSTEM FOR MANUAL SANDING



### 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.



**DRONCO 1-2-3 SYSTEM FOR MANUAL SANDING**



**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 DRONCO 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		Item code	EAN 4081600
Mini Sander set, 91 x 27 mm	Set with 30 assorted sheets	<b>6780 200 000</b>	684001
<b>Mini Sander refill pack</b>			
Mini Sander refill pack	30 assorted sheets	<b>6780 210 000</b>	684018



## DRONCO 1-2-3 SYSTEM FOR MANUAL SANDING



### 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 DRONCO 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		Item code	EAN 4081600
Hexagon Sander set, 150 x 75 mm	Set with 6 assorted sheets	<b>6780 220 000</b>	684032
<b>Economy set for Hexagon Sander</b>			
Hexagon Sander set, 150 x 75 mm	Set with 50 assorted sheets	<b>6780 221 000</b>	684070
<b>Refill pack for Hexagon Sander</b>			
Refill pack for Hexagon Sander, 150 x 75 mm	6 sheets 80 grit	<b>6780 230 000</b>	684049
Refill pack for Hexagon Sander, 150 x 75 mm	6 sheets 120 grit	<b>6780 231 000</b>	684056



DRONCO 1-2-3 SYSTEM FOR MANUAL SANDING



**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		Item code	EAN 4081600
Sanding sponge set	Holder plus assortment of 4 sponges	<b>6780 290 000</b>	684100

## DRONCO 1-2-3-4 SYSTEM FOR SANDING BODYWORK



### 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		Item code	EAN 4081600
Mini car sander, 91 x 27 mm	Set with 30 assorted sheets	<b>6780 201 000</b>	684025

**DRONCO 1-2-3-4 SYSTEM FOR SANDING BODYWORK**



**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 x 77 mm, coarse 80 grit, medium 180 grit, fine 320 grit, fine 400 grit



Designation		Item code	EAN 4081600
Oval Car Sander, 152 x 77 mm	Set with 8 assorted sanding sheets	<b>6780 240 000</b>	684087
<b>Refill pack for oval car sander</b>			
Refill pack for Oval Car Sander	152 x 77 mm, 8 assorted sanding sheets	<b>6780 250 000</b>	684094



## CLEANING TOOLS FOR ANGLE GRINDERS

---

GENERAL INFORMATION	106
WHEEL BRUSHES	108
CUP BRUSHES	114
BEVEL BRUSHES	124
POLISHING FLAP DISCS	128
POLISHING WHEELS	130
COARSE CLEANING FLEECES	131
KITS	132
ACCESSORIES	133
BRUSHES FOR CORDLESS TOOLS	134



Polishing &  
Settling

Industrial

Strip brushes

Diamond  
cutting discs

Diamond tools

GENERAL INFORMATION

# BRUSHES FOR ANGLE GRINDERS IMPORTANT USER INFORMATION

## DETERMINING THE MAXIMUM WORKING SPEED

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

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

## WHICH BRUSH IS USED ON WHICH ANGLE GRINDER?

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



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

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




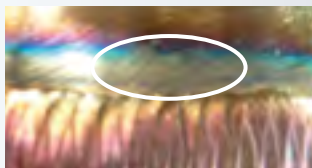
\* variable speed grinder or cordless

## GENERAL INFORMATION

### PRODUCT ADVICE FOR WELD SEAM CLEANING

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

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

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



weldcleaning.osborn.com

### Precise cleaning tools

for industrial distributors of Welding Equipment

**Finding the correct tool**

With 1100 different types of welding gear, different tools or consumables or discs in the world with 'flat spatters', 'slag' or 'silicate' residues, it is not always easy to find the right cleaning tool. Our online tool configurator helps you to find the right tool for your specific welding process and material. The tool configurator is available in 11 languages and is accessible from any device. It is a free tool for all industrial distributors of welding equipment.

**Find tool**

### FINDING THE RIGHT TOOL SUPER QUICK

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

## WHEEL BRUSHES



### WHEEL BRUSHES, KNOTTED WIRE

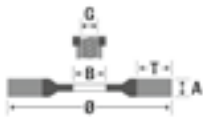
**SUPERIOR** ★★★★★☆

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

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

**Applications:** For roughing, deburring and simple rust removal work

Appearance can vary from picture depending on variant.



Available in practical box packaging with Euro-standard hole.



Ø	A	T	B	G	Adapt.	Max. RPM	📦	■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ Steel / 0.80 ■	
								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		<b>0002-621 151</b>			
115	12	23	22.2		F	12500	10	<b>0002-631 131</b>		<b>0002-631 151</b>			
115	12	23		M14x2.0		12500	6	<b>0402-631 131</b>		<b>0402-631 151</b>			
115	6	19	22.2			12500	10	<b>9502-626 301</b>		<b>9502-626 501</b>			
125	13	28	22.2		F	12500	8	<b>6152-631 131</b>		<b>2202-631 151</b>			
125	13	28		M14x2.0		12500	8	1402-631 131		<b>1402-631 151</b>			
125	6	24	22.2			12500	8	9502-626 311		<b>9502-626 251</b>			
150	13	37	22.2		F	12000	5	<b>0002-641 131</b>		<b>0002-641 151</b>		<b>0002-641 181</b>	
178	13	42	22.2		F	10000	6	<b>0002-653 131</b>		<b>0002-653 151</b>		<b>0002-653 181</b>	
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			

Ø	A	T	B	G	Adapt.	Max. RPM	📦	■ INOX / 0.35 ■		■ INOX / 0.50 ■		■ INOX / 0.50 / 1.4401 ■	
								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	<b>0002-631 331</b>		0002-631 351			
115	12	23	22.2			12500	4					4902-631 351 *	
115	12	23		M14x2.0		12500	4	0402-631 331		<b>0402-631 351</b>			
125	6	24	22.2			12000	3			<b>9502-626 651</b>		4902-626 651 *	
125	13	28	22.2		F	12500	3	<b>2202-631 331</b>		<b>2202-631 351</b>			
125	13	28	22.2			12500	3					4912-631 351 *	
125	13	28		M14x2.0		12500	3	1402-631 331		<b>1402-631 351</b>			
150	13	37	22.2		F	12000	3			<b>0002-641 351</b>			
178	13	42	22.2		F	12000	3			<b>0002-653 351</b>			
178	13	42	22.2			10000	3					4902-653 351 *	
178	13	42	22.2		F	10000		4612-626 331					

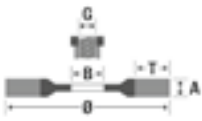
\* TÜV certification planned.

# CLEANING TOOLS FOR ANGLE GRINDERS

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED WIRE

**PERFECT** ★★☆☆☆

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

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

**Applications:** For simple deburring and cleaning work



Available in practical PET packaging with Euro-standard hole.



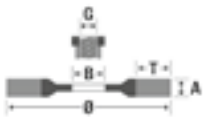
■ Steel / 0.50 ■

Ø	A	T	B	G	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	10	20	22.2			12500	10	<b>2008-631 151</b>					
125	12	27	22.2			12500	8	<b>2118-631 151</b>					

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★☆

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

Alternating left/right knotting ensures

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

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

■ Steel / 0.35 ■

■ Steel / 0.50 ■

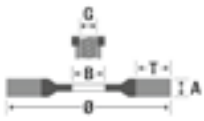
Ø	A	T	B	Max. RPM	📦	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
115	12	23	22.2	12500	10	1202-631 131		1202-631 151			
125	13	28	22.2	12500	8	<b>1212-631 131</b>		<b>1212-631 151</b>			
178	13	42	22.2	12500	6	1202-653 131		1202-653 151			

# CLEANING TOOLS FOR ANGLE GRINDERS

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED OSBORN WIRE EVOLUTION ★★★★★

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

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

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

#### ■ Osborn steel / 0.35 ■

#### ■ Osborn steel / 0.50 ■

Ø	A	T	B	G	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	13	17	1/2"		F	20000	12	<b>9906-026 011</b>					
100	13	22	5/8"		F	18000	12	9906-026 116		<b>9906-026 117</b>			
115	6	19	7/8"		F	12500	12			<b>2906-026 501</b>			
125	6	24	7/8"		F	12500	12	0002-626 311		<b>0002-626 251</b>			
150	6	38	7/8"		F	12000	12			<b>9906-026 501</b>			
150	25	38	7/8"		F	12000	12	<b>9906-026 247</b>					
150	6	38		M14x2.0		12000	10			9906-026 500			
165	6	29	7/8"		F	10000	12			<b>0002-626 061</b>			
171	6	29	7/8"		F	12000	12			<b>9706-026 904</b>			
178	6	38	22.2		F	12000	12			<b>9906-026 051</b>			

#### ■ INOX Osborn / 0.50 ■

Ø	A	T	B	G	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	6	19	7/8"		F	12500	12	<b>0002-626 650</b>					
125	6	24	7/8"		F	12500	12	<b>0002-626 651</b>					



### 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.

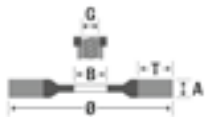
<http://weldcleaning.osborn.com>



## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED OSBORN WIRE, PLASTIC-BONDED

EVOLUTION ★★★★★

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

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

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

■ Osborn steel / 0.35 ■

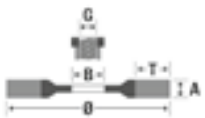
■ Osborn steel / 0.50 \* ■

Ø	A	T	B	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
115	6	19	22.2	12000	10	<b>5402-921 873</b>					
125	6	24	22.2	12000	1	<b>9802-921 873</b>		9812-921 873			
178	6	38	22.2	8500	1	9802-921 875		9812-921 875			

\* Pointed. For other parts, straight.



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, CRIMPED WIRE, PLASTIC-BONDED

EVOLUTION ★★★★★

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

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

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

■ Brass-coated steel / 0.38 ■

Ø	A	T	B	G	Max. RPM		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	<b>0002-921 874</b>					
178	5	41	22.2		8500	12	<b>0002-921 875</b>					
178	3	41	22.2		8000	1	7702-921 875					

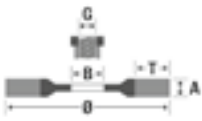


# CLEANING TOOLS FOR ANGLE GRINDERS

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★☆

Wheel brush with Cordwire for angle grinders with M14 thread

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

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



See the following product for finishing



Available in practical box packaging with Euro-standard hole.

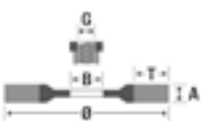


■ Cordwire / 0.27 ■

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



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★☆

Wheel brush for woodworking, with abrasive trim

- 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 ■

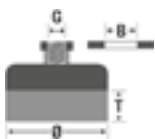
■ Novofil / 80 ■

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

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★☆

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

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

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



Available in practical box packaging with Euro-standard hole.



#### ■ Steel / 0.35 ■

#### ■ Steel / 0.50 ■

Ø	T	B	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	20	16		12500	10	<b>1602-608 131</b>		1602-608 151			
65	20		M10x1.25	12500	10	2352-608 131		2352-608 151			
65	20		M10x1.5	12500	10	0102-608 131		<b>0102-608 151</b>			
65	20		M14x2.0	12500	10	<b>0002-608 131</b>		<b>0002-608 151</b>			
65	30		M14x2.0	12500	10	<b>3892-608 131</b> **					

\*\* Extra long trim

#### ■ INOX / 0.35 ■

#### ■ INOX / 0.50 ■

#### ■ INOX / 0.50 / 1.4401 ■

Ø	T	B	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	20	16		12500	6	1602-608 331					
65	20		M10x1.25	12500	6	2352-608 331		2352-608 351			
65	20		M10x1.5	12500	6	0102-608 331		0102-608 351			
65	20		M14x2.0	12500	6	<b>0002-608 331</b>		<b>0002-608 351</b>		0442-608 351 *	

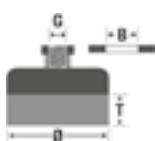
\* TÜV certification planned.

# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★

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

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

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

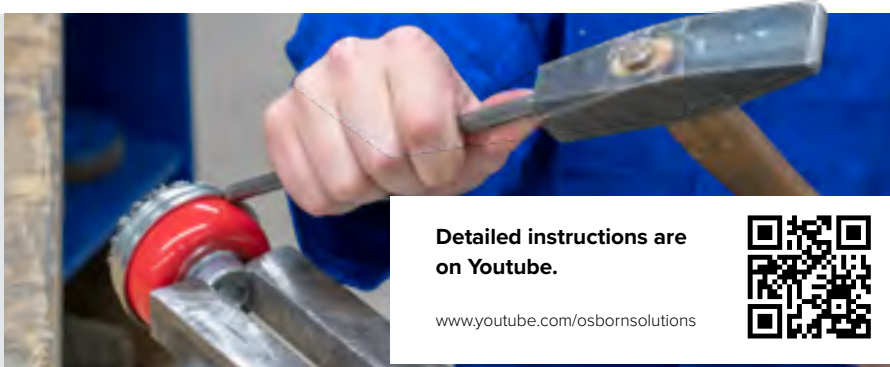


Available in practical box packaging with Euro-standard hole.



#### Did you know?

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



Detailed instructions are on Youtube.

[www.youtube.com/osbornsolutions](http://www.youtube.com/osbornsolutions)



					■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ Steel / 0.80 ■	
Ø	T	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	20	M14x2.0	11000	10	9908-608 132		9908-608 152			
75	20	5/8"	11000	10	9918-608 132		9918-608 152			
80	20	5/8"	8500	6	0802-608 133		0802-608 153		0802-608 183	
80	20	M14x2.0	8500	6	<b>0002-608 133</b>		<b>0002-608 153</b>		<b>0002-608 183</b>	
100	20	M14x2.0	8500	3	<b>0002-608 134</b>		<b>0002-608 154</b>		<b>0002-608 184</b>	
100	20	5/8"	8500	3	0802-608 134		0802-608 154		0802-608 184	
120	20	M14x2.0	6500	4	<b>0002-608 135</b>		<b>0002-608 155</b>		<b>0002-608 185</b>	
120	20	5/8"	6500	4	0802-608 135		0802-608 155		0802-608 185	

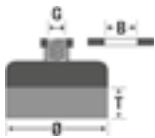
					■ INOX / 0.35 ■		■ INOX / 0.50 ■		■ INOX / 0.50 / 1.4401 ■	
Ø	T	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	20	M14x2.0	8500	3	0002-608 333		<b>0002-608 353</b>		0442-608 353	*
100	20	M14x2.0	8500	3	0002-608 334		<b>0002-608 354</b>		0442-608 354	*

\* TÜV certification planned.

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, KNOTTED WIRE EVOLUTION ★★★★★

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

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

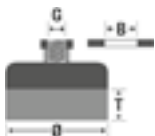
**Applications:** Paint/rust removal, deburring, descaling, removal of slag, silicate residues and blue discoloration, cleaning of fill layers and surfaces in the oil and gas industries

Ø	T	G	Max. RPM	📦	■ Osborn steel / 0.50 ■		■ Osborn steel / 0.80 ■		Order no.	€ per pcs
					Order no.	€ per pcs	Order no.	€ per pcs		
90	32	M14x2.0	7500	6	<b>9906-033 125</b>					
90	32	5/8"	7500	6	9906-033 126					
150	45	5/8"	6000	1			9906-033 021			
150	45	5/8"	6000	1	<b>9906-033 030 *</b>					
150	45	M14x2.0	6000	1	9906-033 031 *					

\* Two rows



Appearance can vary from picture depending on variant.



### CUP BRUSHES, KNOTTED WIRE PERFECT ★★★★★☆☆

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

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

**Applications:** Paint/rust removal, removal of slag



Available in practical PET packaging with Euro-standard hole.



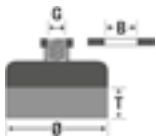
Ø	T	G	Max. RPM	📦	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€ per pcs
					Order no.	€ per pcs	Order no.	€ per pcs		
65	20	M14x2.0	12500	10	<b>2008-608 131</b>		<b>2008-608 151</b>			
75	27	M14x2.0	11000	10			2008-608 152			
80	22	M14x2.0	8500	10			<b>2008-608 153</b>			
100	22	M14x2.0	8500	5			<b>2008-608 154</b>			

# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★

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

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

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



Available in practical box packaging with Euro-standard hole.



Ø	T	B	G	Max. RPM	📦	■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ INOX / 0.30 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	21	16		12500	10			1602-613 161			
60	21	16		12500	4					1602-613 361	
60	21		M10x1.25	12500	10	5262-613 141					
60	21		M10x1.5	12500	10	0102-613 141		0102-613 161			
60	21		M14x2.0	12500	10	<b>0002-613 141</b>		<b>0002-613 161</b>			
60	21		M14x2.0	12500	4					<b>0002-613 361</b>	
75	23	16		12500	10	1602-613 142		1602-613 162			
75	23	16		12500	3					1602-613 362	
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	<b>0002-613 142</b>		<b>0002-613 162</b>			
75	23		M14x2.0	12500	4					<b>0002-613 362</b>	
75	23		5.8"	12500	10	0802-613 142		0802-613 162			
75	23		5.8"	12500	4					0802-613 362	

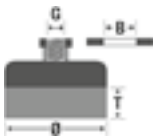
Ø	T	B	G	Max. RPM	📦	■ INOX / 0.30 / 1.4401 ■		■ Brass wire / 0.30 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
60	21		M10x1.25	12500	10			4912-613 561	*		
60	21		M14x2.0	12500	4	0442-613 361	*				
60	21		M14x2.0	12500	10			4902-613 561	*		
75	25		M14x2.0	12500	4	0442-613 362	*				
75	25		M14x2.0	12500	10			4902-613 562	*		

\* TÜV certification planned.

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★☆

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

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

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



Available in practical box packaging with Euro-standard hole.



Ø	T	G	Max. RPM	📦	■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.50 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	30	M14x2.0	8500	5	<b>0002-613 143</b>		<b>0002-613 163</b>			
80	25	5/8"	8500	5	0802-613 143		0802-613 163			
80	25	M14x2.0	8500	5						<b>0002-613 193</b>
100	30	M14x2.0	8500	3	0002-613 144					<b>0002-613 194</b>
100	30	M14x2.0	8500	4			<b>0002-613 164</b>			
100	30	5/8"	8500	3	0802-613 144		0802-613 164		0802-613 194	
125	30	M14x2.0	6500	4	0002-613 145		<b>0002-613 165</b>		<b>0002-613 195</b>	
125	30	5/8"	6500	4			0802-613 165		0802-613 195	
150	40	M14x2.0	6500	3	0002-613 146		<b>0002-613 166</b>		<b>0002-613 196</b>	
150	40	5/8"	6500	3	0802-613 146		0802-613 166		0802-613 196	

Ø	T	G	Max. RPM	📦	■ INOX / 0.30 ■		■ INOX / 0.30 / 1.4401 ■		■ Brass wire / 0.30 ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	25	M14x2.0	8500	4	<b>0002-613 363</b>		0442-613 363 *			
80	25	M14x2.0	8500	5					4902-613 563 *	
80	25	5/8"	8500	4	0802-613 363					
100	25	M14x2.0	8500	3	<b>0002-613 364</b>		0442-613 364 *			
100	30	5/8"	8500	3	0802-613 364					
125	30	5/8"	6500	2	0802-613 365					
125	30	M14x2.0	6500	2	<b>0002-613 365</b>		0442-613 365 *			

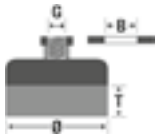
\* TÜV certification planned.

# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, CRIMPED WIRE

**PERFECT** ★★☆☆☆

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

- Osborn bestseller in the DIY sector
- Flexible trim 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 ■

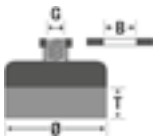
■ Brass-coated steel / 0.3 ■

Ø	T	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	18	M14x2.0	12500	10	<b>2008-613 161</b>		<b>2008-613 061</b>			
75	25	M14x2.0	12500	10	<b>2008-613 162</b>		<b>2008-613 062</b>			
80	25	M14x2.0	8500	10	<b>2008-613 163</b>		<b>2008-613 063</b>			
100	25	M14x2.0	8500	5	<b>2008-613 164</b>		<b>2008-613 064</b>			
125	30	M14x2.0	6500	5	<b>2008-613 165</b>		<b>2008-613 065</b>			

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### LOGLIFE CUP BRUSHES, CRIMPED WIRE EVOLUTION ★★★★★

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

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

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



Available in practical box packaging with Euro-standard hole.



■ Steel / Longlife / 0.30 ■

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



### LOGLIFE

Test results of Osborn LONGLIFE compared to a competitor.

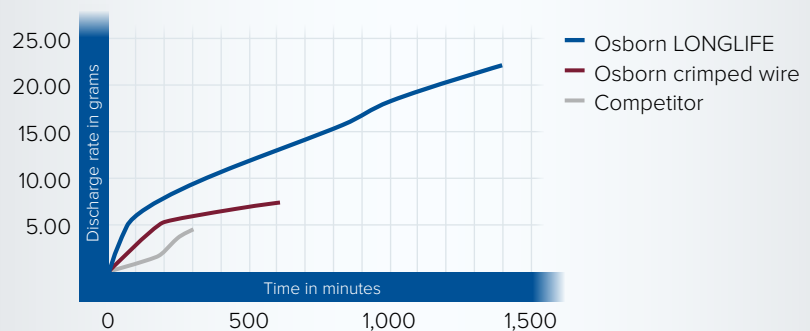


YouTube



### Removal rate

Test results of Osborn LONGLIFE compared to a competitor.



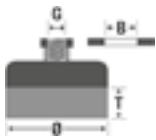


# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★☆

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

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

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

Ø	T	B	G	Max. RPM	📦	■ Novofil / 80 ■		■ Novofil / 120 ■		■ Novofil / 180 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	25	22.2		8500	3	8812-607 914		2312-607 914		<b>1802-607 914</b>	
100	25		M14x2.0	8500	3	6402-608 914		6412-608 914		<b>1802-608 914</b>	



#### Cordless is king

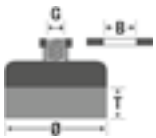
Brushes for cordless, battery-operated tools start on page 134



CUP BRUSHES



Appearance can vary from picture depending on variant.



**CUP BRUSHES, ABRASIVE TRIM**

**SUPERIOR** ★★★★★☆

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

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

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



■ Novofil / 46 ■

■ Novofil / 60 ■

■ Novofil / 80 ■

Ø	A	T	G	Max. RPM		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 ■

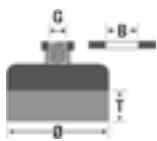
Ø	A	T	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
130	70	50	M14x2.0	2500	4	9331-614 916					

# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★

Knotted cup brush with abrasive trim 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 ■

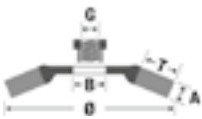
■ Novofil / 120 ■

Ø	T	G	Max. RPM		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	

## BEVEL BRUSHES



Appearance can vary from picture depending on variant.



### BEVEL BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★☆

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

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

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



Available in practical box packaging with Euro-standard hole.



Ø	A	T	B	G	Max. RPM	📦	18 knots ■ Steel / 0.35 ■		18 knots ■ Steel / 0.50 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
100	13	22	16		12500	10			1602-622 151			
100	13	22		M10x1.25	12500	10	4802-622 131	*	2352-622 151			
100	13	22		M10x1.5	12500	10	0102-622 131		<b>0102-622 151</b>			
100	13	22		M14x2.0	12500	10	<b>0002-622 131</b>		<b>0002-622 151</b>			
115	15	20	16		12500	10			1602-632 151			
115	15	20		M14x2.0	12500	10	<b>0002-632 131</b>		<b>0002-632 151</b>			
115	15	20		5/8"	12500	10	0802-632 131		0802-632 151			
125	15	23		M14x2.0	12500	10	3602-632 131		<b>2902-632 151</b>			

Ø	A	T	B	G	Max. RPM	📦	22 knots ■ Steel / 0.35 ■		22 knots ■ Steel / 0.50 ■		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			

Ø	A	T	B	G	Max. RPM	📦	18 knots ■ INOX / 0.35 ■		18 knots ■ INOX / 0.50 ■		INOX ■ 0.50 / 1.4401 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M10x1.25	12500	5	4802-622 331		2352-622 351			
100	13	22		M10x1.5	12500	5	0102-622 331		0102-622 351			
100	13	22		M14x2.0	12500	5	<b>0002-622 331</b>		<b>0002-622 351</b>		0442-622 351	*
115	15	20		M14x2.0	12500	5	<b>0002-632 331</b>		<b>0002-632 351</b>		0442-632 351	*
115	15	20		5/8"	12500	5	0802-632 331		0802-632 351			
125	15	23		M14x2.0	12500	10	3602-632 331		3602-632 351			

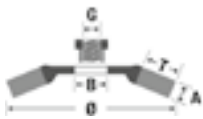
\* TÜV certification planned.

# CLEANING TOOLS FOR ANGLE GRINDERS

## BEVEL BRUSHES



Appearance can vary from picture depending on variant.



### BEVEL BRUSHES, KNOTTED WIRE

**PERFECT** ★★☆☆☆

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

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


**Applications:** Rust removal, paint stripping, deburring



Available in practical PET packaging with Euro-standard hole.



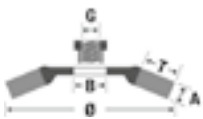
■ Steel / 0.50 ■

Ø	A	T	B	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	13	22		M14x2.0	12500	8	<b>2008-622 151</b>					

## BEVEL BRUSHES



Appearance can vary from picture depending on variant.



### BEVEL BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★☆

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

- Flexible trim material, adjusts perfectly to the workpiece
- The longer the trim 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	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	20	20	M10x1.25	12500	10	2352-512 162					
100	10	20	M10x1.25	12500	10	2352-512 161					
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	<b>0002-512 162</b>		0002-512 062			
100	10	20	M14x2.0	12500	10	<b>0002-512 161</b>		<b>0002-512 061</b>			
125	10	25	M14x2.0	12500	10	0002-514 161					

#### ■ INOX / 0.20 ■

#### ■ INOX / 0.30 ■

#### ■ INOX / 0.30 / 1.4401 ■

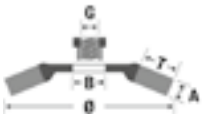
Ø	A	T	G	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	20	20	M10x1.25	12500	5	2352-512 342		2352-512 362			
100	20	20	M10x1.5	12500	5	0102-512 342		0102-512 362			
100	20	20	M14x2.0	12500	5	<b>0002-512 342</b>		<b>0002-512 362</b>			
100	10	20	M14x2.0	12500	5			<b>0002-512 361</b>			
125	10	25	M14x2.0	12500	5			<b>0002-514 361</b>		0442-514 361	

# CLEANING TOOLS FOR ANGLE GRINDERS

## BEVEL BRUSHES



Appearance can vary from picture depending on variant.



### BEVEL BRUSHES, CRIMPED WIRE

PERFECT ★★☆☆☆

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

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

**Applications:** Edge rounding, paint/rust removal




Available in practical PET packaging with Euro-standard hole.



■ Brass-coated steel / 0.30 ■

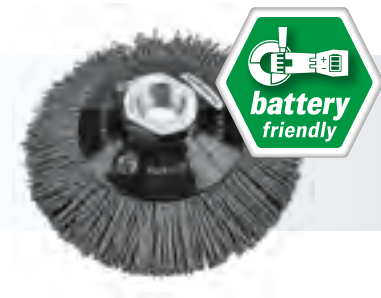
■ Steel / 0.30 ■

Ø	A	T	B	G	Max. RPM		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 134



## EFFICIENT SOLUTIONS FOR SURFACE PROCESSING



DRONCO 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)



# CLEANING TOOLS FOR ANGLE GRINDERS

## POLISHING FLAP DISCS



### 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.



Icons valid for all POLIMAXX 1-4










**POLIMAXX 4** - For the gloss polishing flapped disc for the angle grinder, refer to page 213



Also available as a kit in a practical assortment box for ideal presentation at the POS. See page 132



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

POLISHING WHEELS



**POLISPEED**

**SUPERIOR** ★★★★★☆

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

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

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



**POLISPEED - the all-rounder for corners and edges**

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

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



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

# CLEANING TOOLS FOR ANGLE GRINDERS

## COARSE CLEANING FLEECES



### COARSE CLEANING FLEECE FOR ANGLE GRINDERS SUPERIOR ★★★★★☆

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

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

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

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



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

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



### AUTOMOTIVE KIT

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

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

**Contains:**

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

	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		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		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


# CLEANING TOOLS FOR ANGLE GRINDERS

## ACCESSORIES



### F-ADAPTER


For reducing bores.

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



### M10 ADAPTER, THREAD ADAPTER

Thread reduction from M14 to M10 x 1.5, galvanised

Inside Ø	Outside Ø		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

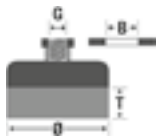
Refer to the respective sections for the grinding and polishing products that are suitable for use on battery-operated angle grinders.

# CLEANING TOOLS FOR ANGLE GRINDERS

## CUP BRUSHES FOR CORDLESS TOOLS



Appearance can vary from picture depending on variant.



### CUP BRUSHES, CRIMPED WIRE SUPERIOR ★★★★★☆

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

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

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



Available in practical PET packaging with Euro-standard hole.

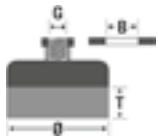


■ Brass / 0.30 ■

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



Appearance can vary from picture depending on variant.



### CUP BRUSHES, ABRASIVE TRIM SUPERIOR ★★★★★☆

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

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



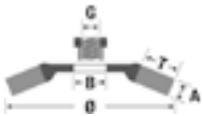
■ Abr. bristle / grit 46 ■

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

## BEVEL BRUSHES FOR CORDLESS TOOLS



Appearance can vary from picture depending on variant.



### BEVEL BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★☆

Bevel brush with abrasive trim 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



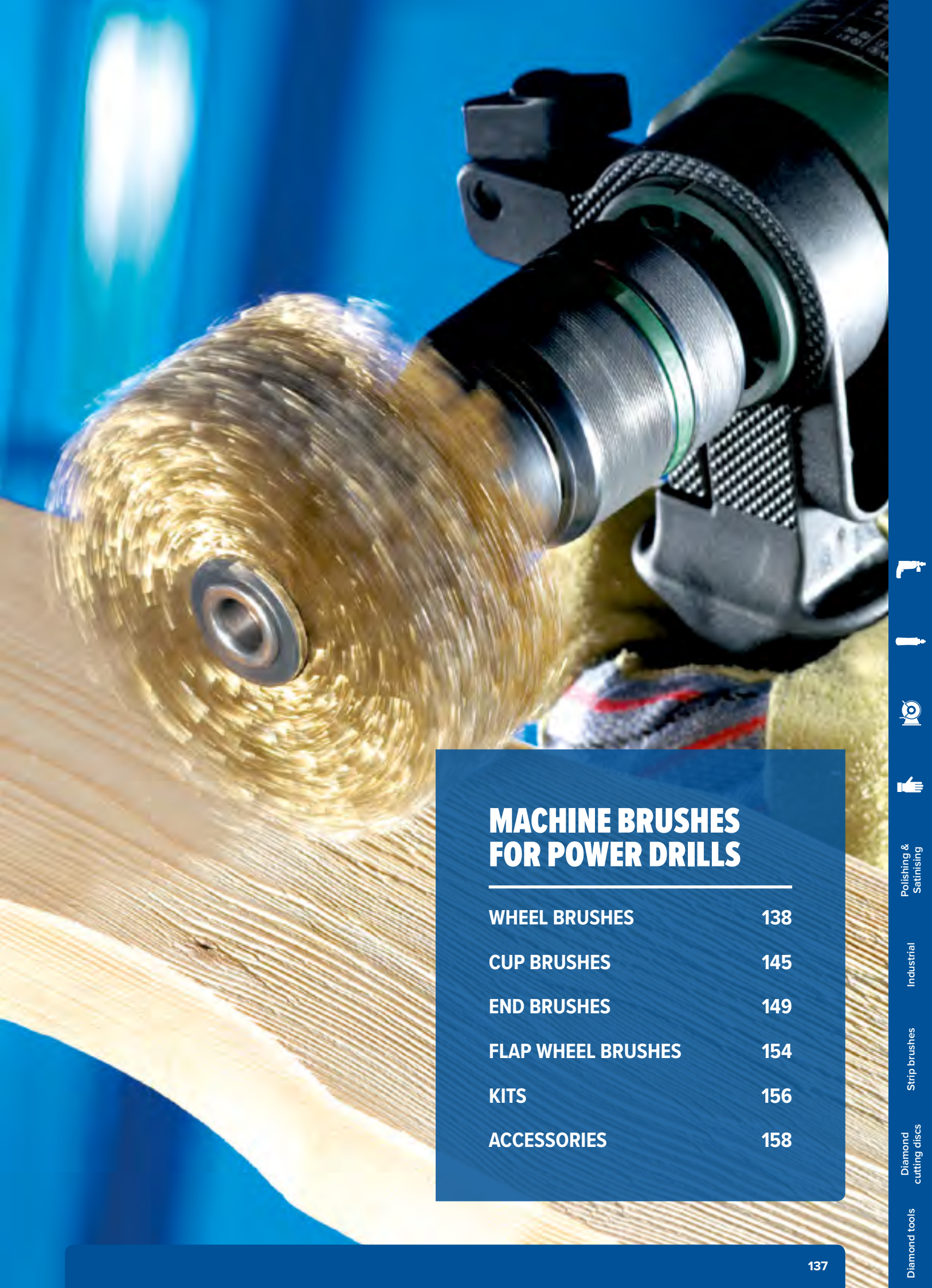
Available in practical PET packaging with Euro-standard hole.



■ Abr. bristle / grit 46 ■

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





## MACHINE BRUSHES FOR POWER DRILLS

---

WHEEL BRUSHES	138
CUP BRUSHES	145
END BRUSHES	149
FLAP WHEEL BRUSHES	154
KITS	156
ACCESSORIES	158



Polishing &  
Settling

Industrial

Strip brushes

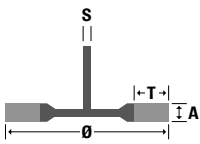
Diamond  
cutting discs

Diamond tools

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★

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

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

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

■ Steel / 0.35 ■

■ Steel / 0.50 ■

■ INOX / 0.50 ■

Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	18	6	20000	12	<b>0202-611 131</b>		<b>0202-611 151</b>		<b>0202-611 351</b>	



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



■ Steel / 0.50 ■

■ INOX / 0.50 ■

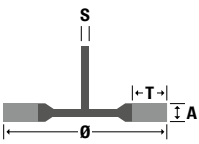
Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	18	6	20000	8	<b>7202-611 151</b>		<b>7012-611 351</b>			

# CLEANING TOOLS FOR POWER DRILLS

## WHEEL BRUSHES



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

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

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



More variants on the following page



## WHEEL BRUSHES

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

### Brass / 0.20

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



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	13	6	15000	6			<b>3002-504 342</b>		<b>7002-504 362</b>	
60	18	15	6	15000	6	7002-505 162					
80	19	20	6	15000	6	<b>7002-507 162</b>		<b>7002-507 342</b>		7002-507 362	

### Brass / 0.20

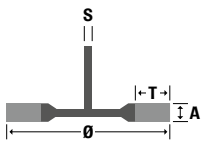
Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	18	15	6	15000	6	<b>7002-505 542</b>					

# CLEANING TOOLS FOR POWER DRILLS

## WHEEL BRUSHES



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 156.



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

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



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

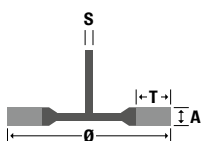


Ø	A	T	S	Max. RPM	📦	■ INOX / 0.30 ■		■ Steel / 0.30 ■		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
50	7	10	6	4500	8			<b>7003-600 221</b>			
75	10	16	6	4500	8			<b>7003-600 421</b>			
100	12	22	6	4500	8			<b>7003-600 521</b>			
100	12	22	6	4500	6	<b>7018-600 521</b>					

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, 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		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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
80	35	20	8	4000	8	7003-507 061					

# CLEANING TOOLS FOR POWER DRILLS

## WHEEL BRUSHES



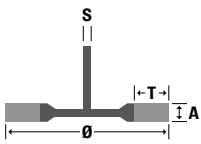
### WHEEL BRUSHES, CRIMPED WIRE, PLASTIC-BONDED EVOLUTION ★★★★★

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

Appearance can vary from picture depending on variant.



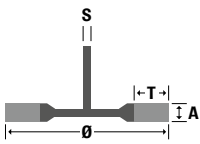
■ Brass-coated steel / 0.30 ■

Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
63	8	20	6	15000	12	<b>0002-911 941</b>					
76	8	26	6	15000	12	<b>0002-911 951</b>					

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, ABRASIVE TRIM

PERFECT ★★☆☆☆

Grittyflex wheel brush with abrasive trim, 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 157.



Ø	A	T	S	Max. RPM		■ Abr. bristle / 80 / red ■		■ Abr. bristle / 180 / blue ■		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.



Ø	A	T	S	Max. RPM		■ Abr. bristle / 80 / red ■		■ Abr. bristle / 180 / blue ■		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			



# CLEANING TOOLS FOR POWER DRILLS

## CUP BRUSHES



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	23	6	6000	10	<b>1004-608 151</b>					



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
65	23	6	6000	8	<b>7004-608 151</b>					

CUP BRUSHES

### CUP BRUSHES, CRIMPED WIRE

PERFECT ★★☆☆☆

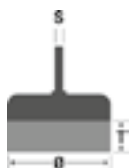
Crimped cup brush, craftsman quality, for power drills

- 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



Appearance can vary from picture depending on variant.



**Good to know**

This brush is also available as a practical kit. More information is on page 156.



■ Steel / 0.20 ■

■ Steel / 0.30 ■

■ Brass / 0.20 ■

Ø	T	S	Max. RPM				
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		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		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					

# CLEANING TOOLS FOR POWER DRILLS

## CUP BRUSHES



### 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

Appearance can vary from picture depending on variant.



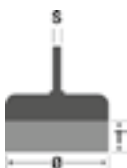
■ Brass-coated steel / 0.30 ■

Ø	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	15	6	15000	12	<b>0002-930 821</b>					

## CUP BRUSHES



Appearance can vary from picture depending on variant.



### CUP BRUSHES, ABRASIVE TRIM

PERFECT ★★☆☆☆

Grittyflex cup brush with abrasive trim, 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 157.



■ Abr. bristle / 80 / red ■

■ Abr. bristle / 180 / blue ■

Ø	T	S	Max. RPM		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		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			

# CLEANING TOOLS FOR POWER DRILLS

## END BRUSHES

### END BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★



Appearance can vary from picture depending on variant.



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

- Flexible trim 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 spreads out, meaning different bore diameters can be worked on.

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

Ø	T	L	S	Max. RPM	📦	■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.50 ■	
						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	

Ø	T	L	S	Max. RPM	📦	■ INOX / 0.20 ■		■ INOX / 0.30 ■		■ Brass / 0.30 ■	
						Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	40	6	20000	12	0003-509 341		0003-509 361		0003-509 561	
17	25	45	6	18000	12	0002-509 342		0002-509 362		0002-509 562	
25	25	50	6	18000	12	0002-509 343		0002-509 363		0002-509 563	
30	25	45	6	15000	12	0002-509 344		0002-509 364		0002-509 564	

## END BRUSHES

### 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



Appearance can vary from picture depending on variant.



#### Good to know

This brush is also available as a practical kit. More information is on page 156.



■ Steel / 0.30 ■

■ INOX / 0.30 ■

Ø	T	L	S	Max. RPM		Steel / 0.30		INOX / 0.30		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					

# CLEANING TOOLS FOR POWER DRILLS

## END BRUSHES



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
17	24	16	43	6	15000	12	<b>0002-930 902</b>					
24	23	23	43	6	15000	12	<b>0002-930 907</b>					
31	23	29	43	6	15000	12	<b>0002-930 912</b>					

## END BRUSHES



Appearance can vary from picture depending on variant.



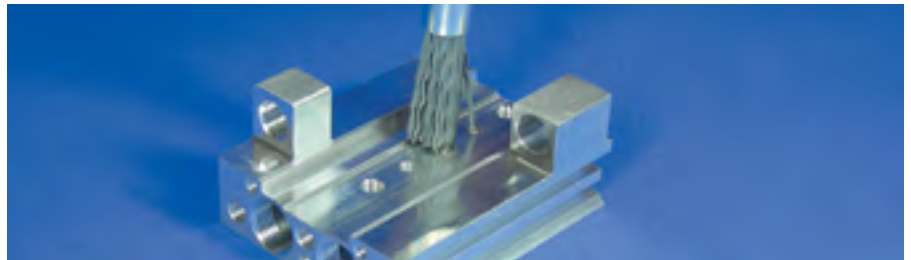
### END BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★☆☆☆

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

- Powerful high-tech material
- Very flexible trim material
- If individual filaments lie flat during use, continue working with the edge nevertheless because the length of the trim 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



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



# CLEANING TOOLS FOR POWER DRILLS

## END BRUSHES



Appearance can vary from picture depending on variant.



### END BRUSHES, ABRASIVE TRIM

PERFECT ★★☆☆☆

Grittyflex end brush with abrasive trim, 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 157.



■ Abr. bristle / 80 / red ■

■ Abr. bristle / 180 / blue ■

Ø	T	K	L	S	Max. RPM		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.

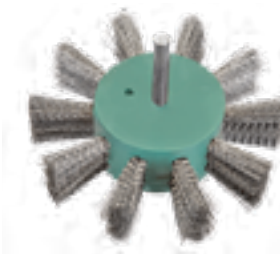


■ Abr. bristle / 80 / red ■

■ Abr. bristle / 180 / blue ■

Ø	T	K	L	S	Max. RPM		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			

## FLAP WHEEL BRUSHES



### FLAP WHEEL BRUSHES, CRIMPED WIRE

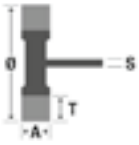
**PERFECT** ★★☆☆☆

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

Appearance can vary from picture depending on variant.



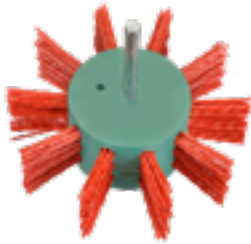
■ Steel / 0.30 ■

■ Brass-coated steel / 0.30 ■

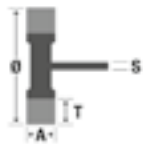
Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	5	0004-401 132		<b>0004-401 052</b>			

# CLEANING TOOLS FOR POWER DRILLS

## FLAP WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### FLAP WHEEL BRUSHES, ABRASIVE/NATURAL TRIM

PERFECT ★★☆☆☆

Flap wheel brush with abrasive/natural trim, 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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	5	<b>0001-401 912</b>		<b>0011-401 912</b>		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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	23	25	6	3500	6	<b>7801-401 912</b>		<b>7811-401 912</b>			



## 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		Order no.	€ per pcs
Wheel brush	50				
Wheel brush	75				
End brush	25	4500	10	<b>1418-600 005</b>	
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 132



# CLEANING TOOLS FOR POWER DRILLS

KITS



## KIT OF 5 DIY BRUSHES, ABRASIVE TRIM

PERFECT ★★★★★


Kit of 5 DIY brushes, with abrasive trim, 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		Order no.	€ per pcs
Wheel brush	50				
Wheel brush	75				
End brush	25	4500	10	<b>1518-600 005</b>	
Cup brush	50				
Cup brush	75				


ACCESSORIES

### DRIVE ARBOR, TYPE I

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



Appearance can vary from picture depending on variant.

Ø	Inches	F	S		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	160
COARSE CLEANING FLEECES	163
FLAP WHEELS	164
END BRUSHES	168
ACCESSORIES	174



Polishing &  
Settling

Industrial

Strip brushes

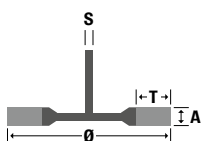
Diamond  
cutting discs

Diamond tools

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, KNOTTED WIRE

**SUPERIOR** ★★★★★

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

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

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

■ Steel / 0.35 ■

■ Steel / 0.50 ■

■ INOX / 0.50 ■

Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	18	6	20000	12	<b>0202-611 131</b>		<b>0202-611 151</b>		<b>0202-611 351</b>	



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	18	6	20000	8	<b>7202-611 151</b>		<b>7012-611 351</b>			

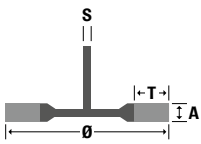


# CLEANING TOOLS FOR HIGH-SPEED MACHINES

## WHEEL BRUSHES



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

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

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



More variants on the following page



## WHEEL BRUSHES

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

### Brass / 0.20

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



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50	17	13	6	15000	6			<b>3002-504 342</b>		<b>7002-504 362</b>	
60	18	15	6	15000	6	7002-505 162					
80	19	20	6	15000	6	<b>7002-507 162</b>		<b>7002-507 342</b>		7002-507 362	

### Brass / 0.20

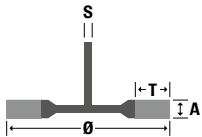
Ø	A	T	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	18	15	6	15000	6	<b>7002-505 542</b>					

# CLEANING TOOLS FOR HIGH-SPEED MACHINES

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, ABRASIVE TRIM EVOLUTION ★★★★★

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

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

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

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

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

## COARSE CLEANING FLEECES



### COARSE CLEANING FLEECES FOR ANGLED AND STRAIGHT GRINDERS SUPERIOR ★★★★★☆

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

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

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



To find the tensioning shaft for the coarse cleaning fleece, refer to page 174

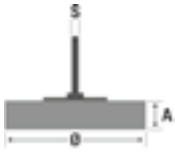


Ø in mm	Ø in inches	RPM	📦	Order no.	€ per pcs	EAN 4081600
100	4	6000	10	<b>6700 006 000</b>		670301
150	6	4000	10	<b>6700 007 000</b>		670356

## FLAP WHEELS



Appearance can vary from picture depending on variant.



### FLAP WHEELS

**SUPERIOR** ★★★★★☆

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

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


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

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

# CLEANING TOOLS

## FOR HIGH-SPEED MACHINES

### FLAP WHEELS

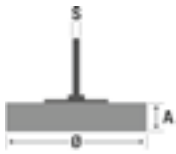
					■ Abr. bristle / Grit 120 ■		■ Abr. bristle / Grit 150 ■		■ Abr. bristle / Grit 180 ■	
Ø	A	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
30	10	6	25400	10	0123-003 010		0153-003 010		0183-003 010	
30	15	6	25400	10	<b>0123-003 015</b>		<b>0153-003 015</b>		<b>0183-003 015</b>	
40	15	6	19100	10	0123-004 015		0153-004 015		0183-004 015	
40	20	6	19100	10	<b>0123-004 020</b>		<b>0153-004 020</b>		<b>0183-004 020</b>	
50	15	6	15200	10	0123-005 015		0153-005 015		0183-005 015	
50	20	6	15200	10	<b>0123-005 020</b>		<b>0153-005 020</b>		<b>0183-005 020</b>	
50	30	6	15200	10	<b>0123-005 030</b>		<b>0153-005 030</b>		<b>0183-005 030</b>	
60	20	6	12700	10	<b>0123-006 020</b>		<b>0153-006 020</b>		0183-006 020	
60	30	6	12700	10	<b>0123-006 030</b>		<b>0153-006 030</b>		<b>0183-006 030</b>	
60	40	6	12700	10	<b>0123-006 040</b>		<b>0153-006 040</b>		<b>0183-006 040</b>	
60	50	6	12700	10	0123-006 050		0153-006 050		0183-006 050	
80	30	6	8900	10	0123-008 030		0153-008 030		0183-008 030	
80	40	6	8900	10	0123-008 040		0153-008 040		0183-008 040	
80	50	6	8900	10	0123-008 050		0153-008 050		0183-008 050	

					■ Abr. bristle / Grit 240 ■					
Ø	A	S	Max. RPM		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	<b>0243-003 015</b>					
40	15	6	19100	10	0243-004 015					
40	20	6	19100	10	<b>0243-004 020</b>					
50	15	6	15200	10	0243-005 015					
50	20	6	15200	10	<b>0243-005 020</b>					
50	30	6	15200	10	<b>0243-005 030</b>					
60	20	6	12700	10	0243-006 020					
60	30	6	12700	10	<b>0243-006 030</b>					
60	40	6	12700	10	<b>0243-006 040</b>					
60	50	6	12700	10	0243-006 050					
80	30	6	8900	10	0243-008 030					
80	40	6	8900	10	0243-008 040					
80	50	6	8900	10	0243-008 050					

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 trim 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	Max. RPM		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	
40	30	6	17100	10	<b>0063-404 030</b>		<b>0083-404 030</b>		<b>0153-404 030</b>	
50	20	6	13700	10	0063-405 020		0083-405 020		0153-405 020	
50	30	6	13700	10	<b>0063-405 030</b>		<b>0083-405 030</b>		<b>0153-405 030</b>	
50	40	6	13700	10	0063-405 040		0083-405 040		0153-405 040	
60	30	6	11500	10	0063-406 030		0083-406 030		0153-406 030	
60	40	6	11500	10	<b>0063-406 040</b>		<b>0083-406 040</b>		<b>0153-406 040</b>	
60	50	6	11500	10	0063-406 050		0083-406 050		0153-406 050	
80	40	6	8600	10	0063-408 040		0083-408 040		0153-408 040	
80	50	6	8600	10	0063-408 050		0083-408 050		0153-408 050	

					■ Abr. bristle / Grit 240 ■					
Ø	A	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
40	20	6	17100	10	1243-404 020					
40	30	6	17100	10	<b>1243-404 030</b>					
50	20	6	13700	10	1243-405 020					
50	30	6	13700	10	<b>1243-405 030</b>					
50	40	6	13700	10	1243-405 040					
60	30	6	11500	10	1243-406 030					
60	40	6	11500	10	<b>1243-406 040</b>					
60	50	6	11500	10	1243-406 050					
80	40	6	8600	10	1243-408 040					
80	50	6	8600	10	1243-408 050					

# CLEANING TOOLS

## FOR HIGH-SPEED MACHINES

### FLAP WHEELS



Appearance can vary from picture depending on variant.



## NON-WOVEN ABRASIVE FLAP WHEELS

**SUPERIOR** ★★★★★☆

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

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

**Applications:** Matting, satin and final finishing

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

Ø	A	S	Max. RPM	📦	■ Abr. bristle / very fine ■		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
					Order no.	€ per pcs						
40	20	6	17100	10	0323-304 020							
40	30	6	17100	10	<b>0323-304 030</b>							
50	30	6	13700	10	<b>0323-305 030</b>							
50	40	6	13700	10	0323-305 040							
60	30	6	11500	10	<b>0323-306 030</b>							
60	50	6	11500	10	0323-306 050							
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.

## 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

- 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		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 ■

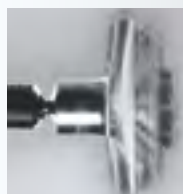
Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	0002-630 328					
23	29	44	6	20000	12	0002-630 334		0002-630 335			
30	29	44	6	20000	12	0002-630 340		0002-630 341			



#### 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 <sup>-1</sup> 5,000	At speed ≤ min <sup>-1</sup> 8,000	At speed ≤ min <sup>-1</sup> 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<sup>-1</sup>



# CLEANING TOOLS FOR HIGH-SPEED MACHINES

## END BRUSHES



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	<b>9906-030 302</b>		<b>9906-030 304</b>		<b>9906-030 305</b>	
23	29	44	6	20000	12	<b>9906-030 308</b>		<b>9906-030 310</b>		<b>9906-030 311</b>	
30	29	44	6	20000	12	<b>9906-030 314</b>		<b>9906-030 316</b>		<b>9906-030 317</b>	

#### ■ Osborn steel / 0.50 ■

Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
23	29	44	6	20000	12	<b>9906-030 312</b>					
30	29	44	6	20000	12	<b>9906-030 318</b>					

#### ■ Osborn INOX / 0.15\* ■

#### ■ Osborn INOX / 0.26\* ■

#### ■ Osborn INOX / 0.35\* ■

Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
20	29	44	6	20000	12	<b>9906-030 326</b>		<b>9906-030 328</b>		<b>9906-030 329</b>	
23	29	44	6	20000	12	<b>9906-030 332</b>		<b>9906-030 334</b>		9906-030 335	
30	29	44	6	20000	12	<b>9906-030 338</b>		<b>9906-030 340</b>		<b>9906-030 341</b>	

\* 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.



## 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 ■

■ Steel / 0.50 ■

Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	26	72	6	15000	12	9803-630 151		9803-630 171		9803-630 101	

■ INOX / 0.25 ■

■ INOX / 0.35 ■

■ INOX / 0.50 ■

Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	26	72	6	15000	12	9803-630 351		9803-630 371		9803-630 301	



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		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 / 0.20 ■

Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	100	6	9000	10	0003-509 349		0003-509 369			

# CLEANING TOOLS FOR HIGH-SPEED MACHINES

## END BRUSHES

### END BRUSH, CRIMPED WIRE

**SUPERIOR** ★★★★★☆



Appearance can vary from picture depending on variant.



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

- Flexible trim 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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	40	6	20000	12	<b>0003-509 141</b>		<b>0003-509 161</b>		<b>0003-509 191</b>	
17	25	45	6	18000	12	<b>0002-509 142</b>		<b>0002-509 162</b>		<b>0002-509 192</b>	
25	25	50	6	18000	12	<b>0002-509 143</b>		<b>0002-509 163</b>		<b>0002-509 193</b>	
30	25	45	6	15000	12	<b>0002-509 144</b>		<b>0002-509 164</b>		<b>0002-509 194</b>	

						■ INOX / 0.20 ■		■ INOX / 0.30 ■		■ Brass / 0.30 ■	
Ø	T	L	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
10	20	40	6	20000	12	<b>0003-509 341</b>		<b>0003-509 361</b>		<b>0003-509 561</b>	
17	25	45	6	18000	12	<b>0002-509 342</b>		<b>0002-509 362</b>		<b>0002-509 562</b>	
25	25	50	6	18000	12	<b>0002-509 343</b>		<b>0002-509 363</b>		<b>0002-509 563</b>	
30	25	45	6	15000	12	0002-509 344		<b>0002-509 364</b>		<b>0002-509 564</b>	

### END BRUSHES, CRIMPED WIRE

**SUPERIOR** ★★★★★☆



Appearance can vary from picture depending on variant.



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

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

**Applications:** Minor cleaning work, removal of corrosion and coating

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

END BRUSHES

**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

Appearance can vary from picture depending on variant.



■ Steel / 0.40 ■

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

# CLEANING TOOLS

## FOR HIGH-SPEED MACHINES

### END BRUSHES

## END BRUSHES, SMOOTH/CRIMPED 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

Appearance can vary from picture depending on variant.



							■ Steel / 0.40 ■		■ Steel / 0.50 ■			
Ø	T	L	Type	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
9.5	32	57	122 P	6	12000	12	<b>0124-509 101</b>					
10	27	125	121 P/L	6	12000	6	<b>2224-509 101</b>					
10	31	55	123 P	6	12000	12	<b>0224-509 101</b>					
12	30	61	124 P	6	12000	12	<b>0124-509 111</b>					
19	31	51	102 P	6	12000	6			<b>0124-509 103</b>			
19	64	50	225	6	12000	6			<b>0024-509 100</b>			
							■ INOX / 0.30 ■		■ INOX / 0.50 ■			
Ø	T	L	Type	S	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
9.5	32	57	122 P	6	12000	12	<b>0074-509 301</b>					
11	32	59	103 P	6	12000	6			<b>0004-509 302 *</b>			
19	31	51	102 P	6	12000	6			<b>0124-509 303</b>			
25	35	50	103 P	6	12000	6			0014-509 304			

\* Smooth wire

## END BRUSHES



### END BRUSHES, ABRASIVE TRIM

#### EVOLUTION ★★★★★

End brush with abrasive silicone carbide trim, 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 trim surface with working residues

**Applications:** Deburring, edge rounding, surface finishing

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

## ACCESSORIES



### TENSIONING SHAFT FOR CLEANING FLEECE

#### PERFECT ★★★★★

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

Name	Dimensions mm	📦	Order no.	€ per pcs	EAN 4081600
Tensioning shaft	6 mm	1	<b>6700 008 100</b>		670400



## MACHINE BRUSHES STATIONARY

---

GENERAL INFORMATION 176

WHEEL BRUSHES 177

ROLLER BRUSHES 189

END BRUSHES 192

ACCESSORIES 193



Polishing &  
Settling

Industrial

Strip brushes

Diamond  
cutting discs

Diamond tools

GENERAL INFORMATION

# GENERAL INFORMATION

## CHANGING OF THE STANDARD BORE

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

### STANDARD BORES FOR SINGLE-ROW BRUSHES

We will be glad to change the standard bore dimension to suit your mounting. The relevant part number starts with **000200-** and ends with the **4-digit code** in the table. Brushes bored to bore 50.8 mm (2") can be reduced further with a 4-M adapter (Page 193).

BRUSH Ø		BORE Ø														
mm	inch	mm	13	16	19	20	30	32	35	38	40	44	50.8			
		inch	5/8	3/4	7/8	1	1 1/4	2								
75	3		7413													
100	4		7413	7415	7416	7419	7420									
125	5		7413	7415	7416	7419	7420	7422	7425	7430	7431					
150	6		7413	7415	7416	7419	7420	7422	7425	7430	7431	7432	7435	7440	7444	
175	7		7413	7415	7416	7419	7420	7422	7425	7430	7431	7432	7435	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 pipe are reduced by pressing in our robust metal adapters (kept in stock). The adapters available for every pipe diameter are in the following table.

The relevant part number starts with **000200-** and ends with the **4-digit code** in the following table.

BRUSH Ø		BORE Ø															
mm	inch	mm	9.35	10	12.7	13	16	19	20	22.2	25.4	30	31.8	32	35	40	50.8
		inch	3/8	1/2	5/8	3/4	7/8	1	1 1/4	2							
20			8109	8110	8112	8113	8116										
30			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



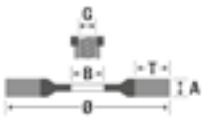
# CLEANING TOOLS

## FOR STATIONARY MACHINES

### WHEEL BRUSHES



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 176

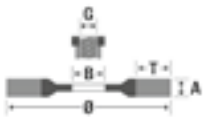
Ø	A	T	Min. B	Max. B	Max. RPM	📦	■ Steel / 0.35 ■		■ Steel / 0.50 ■		■ Steel / 0.80 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
200	13	42	20	50.8	8500	1	0002-664 131		<b>0002-664 151</b>		0002-664 181	
200	26	42	50.8*	50.8*	8500	1			<b>0002-664 152</b>			
250	15	42	25.4	50.8	4500	2	<b>0002-676 131</b>		<b>0002-676 151</b>		<b>0002-676 181</b>	
300	18	55	25.4	50.8	3600	2	0002-686 131		<b>0002-686 151</b>		<b>0002-686 181</b>	

\* Pipe diameter; for reducing the bore size, refer to the 1-A adapter on page 194

WHEEL BRUSHES



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 176

■ Steel / 0.50 ■

■ Steel / 0.80 ■

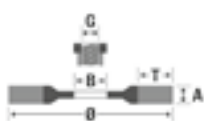
Ø	A	T	B	Max. RPM		Steel / 0.50		Steel / 0.80		Order no.	€ per pcs
						Order no.	€ per pcs	Order no.	€ per pcs		
300	4	65	20	4500	6	<b>9802-026 560</b>					
300	6	65	20	4500	6	<b>9802-026 561</b>		<b>9802-026 581</b>			
300	8	65	20	4500	6	<b>9802-026 562</b>		<b>9802-026 582</b>			
300	10	65	20	4500	6	<b>9802-026 563</b>		<b>9802-026 583</b>			

# CLEANING TOOLS FOR STATIONARY MACHINES

## WHEEL BRUSHES



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 176

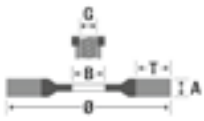
Ø	A	T	Min. B	Max. B	Max. RPM		■ Steel / 0.20 ■		■ Steel / 0.30 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
75	11	15	13	13	10000	5			<b>0002-511 161</b>			
100	13	23	13	20	8000	8	<b>0002-522 141</b>		<b>0002-522 161</b>			
125	15	35	13	20	6000	5			<b>0002-532 161</b>			
150	16	32	13	32	6000	4	<b>0002-544 141</b>					
150	16	32	13	20	6000	8			<b>0002-544 161</b>			
178	18	45	13	32	6000	4	0002-554 141					
178	18	45	13	32	6000	8			<b>0002-554 161</b>			
200	19	38	19	32	4500	1			<b>0002-566 161</b>			
200	19	38	19	50.8	4500	2	0002-566 141					
250	22	35	20	50.8	3600	2	0002-576 141		<b>0002-576 161</b>			
300	26	58	20	50.8	3000	1			<b>0002-587 161</b>			

Ø	A	T	Min. B	Max. B	Max. RPM		■ INOX / 0.20 ■		■ INOX / 0.30 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
100	13	23	13	20	8000	8	<b>0002-522 341</b>		<b>0002-522 361</b>			
125	15	35	13	20	6000	5			<b>0002-532 361</b>			
150	16	32	13	32	6000	3	<b>0002-544 341</b>		<b>0002-544 361</b>			
178	18	45	13	32	6000	4	0002-554 341		0002-554 361			
200	19	38	19	50.8	4500	2			<b>0002-566 361</b>			
250	22	35	20	50.8	3600	2	0002-576 341		0002-576 361			
300	26	58	20	50.8	3000	2	0002-587 341					

WHEEL BRUSHES



Appearance can vary from picture depending on variant.



**BAND SAW BRUSH**

**SUPERIOR** ★★★★★☆

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

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

**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 ■

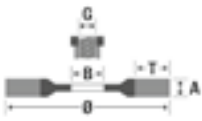
Ø	A	T	B	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	15	20	13	8000	10	<b>0003-515 827</b>					

# CLEANING TOOLS FOR STATIONARY MACHINES

## WHEEL BRUSHES



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 194



■ Osborn steel / 0.15 ■

■ Osborn steel / 0.20 ■

Ø	A	T	B	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
200	18	37	50.8	1-A	4500	2	<b>9906-021 183</b>		<b>9906-021 184</b>			

■ Osborn INOX / 0.26 ■

Ø	A	T	B	Adapt.	Max. RPM		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 194



■ Osborn steel / 0.15 ■

■ Osborn steel / 0.20 ■

■ Osborn steel / 0.30 ■

Ø	A	T	B	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
200	22	37	50.8	1-A	4500	1	<b>9906-022 081</b>		<b>9906-022 082</b>			
200	22	37	50.8	1-A	4500	2					9906-022 085	



**MASTER®** variant with **tortoise-shaped bore** adapter, refer to page 193



■ Osborn steel / 0.20 ■

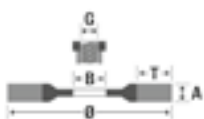
■ Osborn steel / 0.30 ■

Ø	A	T	B	Adapt.	Max. RPM		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			<b>9906-013 021</b>			
380	32	72	50.8	4-M	2400	2			<b>9906-013 057</b>			

## WHEEL BRUSHES



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

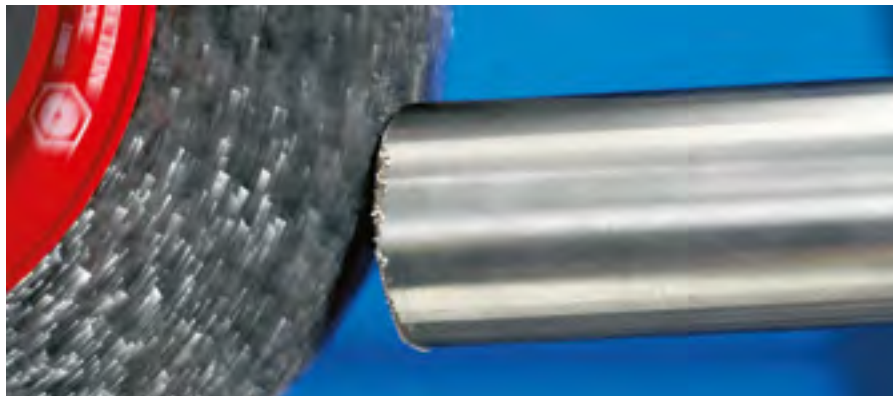
- Aggressive variant
- TÜV-Süd certified (safety tested, production monitored)
- Larger body, so more wire tips are simultaneously in use
- High wire density

**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 176

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

- Ø 75-125 mm: 20 mm 1/2"; 5/8"
- Ø 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.



# CLEANING TOOLS FOR STATIONARY MACHINES

## WHEEL BRUSHES

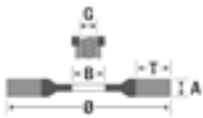
Ø	A	T	Min. B	Max. B	R	Max. RPM		■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.50 ■	
								Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	19	16		20	20	10000	4			<b>9902-511 162</b>			
100	20	23		20	30	8000	5	<b>9902-522 142</b>		<b>9902-522 162</b>			
100	28	23		20	30	8000	5			<b>9902-522 163</b>			
125	22	30		20	30	6000	5	9902-532 142		<b>9902-532 162</b>			
125	30	30		20	30	6000	5			<b>9902-532 163</b>			
150	21	25		31.75	50.8	6000	3	<b>9902-544 441</b>		<b>9902-544 461</b>		9902-544 491	
150	30	29		31.75	50.8	6000	3	<b>9902-544 142</b>		<b>9902-544 162</b>			
150	37	29		31.75	50.8	6000	3			<b>9902-544 163</b>		<b>9902-544 193</b>	
178	23	38		31.75	50.8	6000	1	9902-554 441		<b>9902-554 461</b>			
178	32	38		31.75	50.8	6000	1	9902-554 142		<b>9902-554 162</b>		9902-554 192	
178	38	38		31.75	50.8	6000	1			<b>9902-554 163</b>			
200	20	38		31.75	80	4500	1	<b>9902-566 441</b>		<b>9902-566 461</b>		9902-566 491	
200	30	38		31.75	80	4500	1	<b>9902-566 142</b>		<b>9902-566 162</b>		<b>9902-566 192</b>	
200	38	38		31.75	80	4500	1	9902-566 143		<b>9902-566 163</b>		9902-566 193	
250	28	47	20	50.8	100	3600	1	9902-576 142		<b>9902-576 162</b>		9902-576 192	
250	38	47	20	50.8	100	3600	1	9902-576 143		<b>9902-576 163</b>		<b>9902-576 193</b>	
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		<b>9902-587 162</b>		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	9902-587 143		<b>9902-587 163</b>		<b>9902-587 193</b>	

Ø	A	T	Min. B	Max. B	R	Max. RPM		■ INOX / 0.20 ■		■ INOX / 0.30 ■		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		<b>9902-522 362</b>			
100	28	23		20	30	8000	4			9902-522 363			
125	22	30		20	30	6000	2	9902-532 342		<b>9902-532 362</b>			
125	30	30		20	30	6000	2	9902-532 343		9902-532 363			
150	21	25		31.75	50.8	6000	2	<b>9902-544 341</b>		<b>9902-544 361</b>			
150	30	29		31.75	50.8	6000	2	<b>9902-544 342</b>		<b>9902-544 362</b>			
178	23	38		31.75	50.8	6000	1	9902-554 341		<b>9902-554 361</b>			
178	32	38		31.75	50.8	6000	1			<b>9902-554 362</b>			
200	20	38		31.75	80	4500	1	9902-566 341		<b>9902-566 361</b>			
200	30	38		31.75	80	4500	1	<b>9902-566 342</b>		<b>9902-566 362</b>			
200	38	38		31.75	80	4500	1			9902-566 363			
250	28	47	20	50.8	100	3600	1	<b>9902-576 342</b>		<b>9902-576 362</b>			
250	38	47	20	50.8	100	3600	1	<b>9902-576 343</b>		<b>9902-576 363</b>			
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		<b>9902-587 363</b>			

## WHEEL BRUSHES



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 176

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

- Ø 75-125 mm: 20 mm 1/2"; 5/8"
- Ø 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	📦	■ Steel / 0.20 ■		■ Steel / 0.30 ■		Order no.	€ per pcs
								Order no.	€ per pcs	Order no.	€ per pcs		
150	24	43		20	30	6000	3	<b>9902-543 142</b>		<b>9902-543 162</b>			
178	32	43		31.75	50.8	6000	1			9902-553 162			
200	33	55		31.75	50.8	4500	1	9902-565 142		<b>9902-565 162</b>			
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			<b>9902-575 163</b>			
300	33	70	25.4	50.8	100	3000	1	9902-586 142		<b>9902-586 162</b>			
300	45	70	25.4	50.8	100	3000	1			<b>9902-586 163</b>			

■ INOX / 0.20 ■

■ INOX / 0.30 ■

Ø	A	T	Min. B	Max. B	R	Max. RPM	📦	■ INOX / 0.20 ■		■ INOX / 0.30 ■		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	9902-565 342		<b>9902-565 362</b>			
250	32	63	20	50.8	80	3600	1	<b>9902-575 342</b>					
300	33	70	25.4	50.8	100	3000	1	<b>9902-586 342</b>					
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	📦	■ Brass / 0.20 ■		■ Brass / 0.30 ■		Order no.	€ per pcs
								Order no.	€ per pcs	Order no.	€ per pcs		
150	24	43		20	30	6000	2	<b>9902-543 542</b>		9902-543 562			
150	32	43		20	30	6000	2	9902-543 543		<b>9902-543 563</b>			
200	33	55		31.75	50.8	4500	1	<b>9902-565 542</b>		9902-565 562			

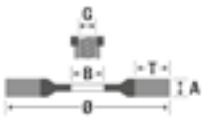


# CLEANING TOOLS FOR STATIONARY MACHINES

## WHEEL BRUSHES



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 193.

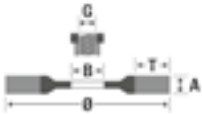


Ø	A	T	B	R	Max. RPM	☐	■ Steel / 0.20 ■		■ Steel / 0.30 ■		■ Steel / 0.35 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	55	45	100	100	3600	1	<b>0002-576 145</b>		<b>0042-576 165</b>		<b>0042-576 175</b>	
Ø	A	T	B	R	Max. RPM	☐	■ Steel / 0.50 ■					
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	55	45	100	100	3600	1	<b>0002-576 195</b>					
Ø	A	T	B	R	Max. RPM	☐	■ INOX / 0.20 ■		■ INOX / 0.30 ■		■ INOX / 0.35 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	55	45	100	100	3600	1	<b>0002-576 345</b>		<b>0042-576 365</b>		0042-576 375	
Ø	A	T	B	R	Max. RPM	☐	■ INOX / 0.50 ■					
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	55	45	100	100	3600	1	<b>0002-576 395</b>					

WHEEL BRUSHES



Appearance can vary from picture depending on variant.



## WHEEL BRUSHES FOR DEBURRING MACHINES, ABRASIVE TRIM SUPERIOR ★★★★★☆

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

- Particularly dense and compact design with maximum number of abrasive bristles for high deburring performance and excellent service life
- Statically balanced with high 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 193.



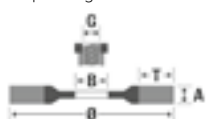
Ø	A	T	B	R	Max. RPM	📦	■ Grit 80 / 1.27 ■		■ Grit 120 / 1.02 ■		■ Grit 180 / 0.90 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
250	55	45	100	100	3600	1	<b>2102-576 916</b>		0002-576 906		<b>0002-576 916</b>	

# CLEANING TOOLS FOR STATIONARY MACHINES

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### UNI-MASTER® WHEEL BRUSHES, ABRASIVE TRIM EVOLUTION ★★★★★

Wheel brush with abrasive trim, 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 193.



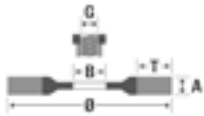
Ø	A	T	B	Adapt.	Max. RPM		■ Grit 80 ■		■ Grit 120 / 1.02 ■		■ Grit 180 ■	
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	15	5/8"	F	20000	6	<b>9906-015 001</b>		<b>9906-015 002</b>		<b>9906-015 003</b>	
100	13	20	5/8"	F	12000	6	<b>9906-015 025</b>		<b>9906-015 026</b>		<b>9906-015 027</b>	
125	16	32	5/8"	F	12000	6	<b>9906-015 035</b>		<b>9906-015 036</b>		<b>9906-015 037</b>	
150	17	32	7/8"	F	8000	6	<b>9906-015 079</b>		<b>9906-015 080</b>		<b>9906-015 081</b>	
178	20	47	7/8"	F	8000	2	9906-015 040		<b>9906-015 041</b>		<b>9906-015 042</b>	
200	18	35	2"	4-M	6000	2	<b>9906-015 050</b>		<b>9906-015 051</b>		<b>9906-015 052</b>	
250	18	35	2"	4-M	3000	2	<b>9906-015 056</b>		<b>9906-015 057</b>		<b>9906-015 058</b>	
250	18	60	2"	4-M	3600	2	9946-015 056		<b>9946-015 057</b>		9946-015 058	
300	18	35	2"	4-M	2400	2	<b>9906-015 062</b>		<b>9906-015 063</b>		<b>9906-015 064</b>	
300	18	60	2"	4-M	3000	2			<b>9966-015 063</b>		<b>9966-015 064</b>	
350	19	55	2"	4-M	2400	2			<b>9906-015 069</b>		<b>9906-015 070</b>	

Ø	A	T	B	Adapt.	Max. RPM		■ Grit 320 ■				
							Order no.	€ per pcs	Order no.	€ per pcs	Order no.
75	12	15	5/8"	F	20000	6	<b>9906-015 004</b>				
100	13	20	5/8"	F	12000	6	<b>9906-015 028</b>				
125	16	32	5/8"	F	12000	6	<b>9906-015 038</b>				
150	17	32	7/8"	F	8000	6	<b>9906-015 082</b>				
178	20	47	7/8"	F	8000	2	<b>9906-015 043</b>				
200	18	35	2"	4-M	6000	2	<b>9906-015 053</b>				
250	18	35	2"	4-M	3000	2	<b>9906-015 059</b>				
250	18	60	2"	4-M	3600	2	9946-015 059				
300	18	35	2"	4-M	2400	2	<b>9906-015 065</b>				
300	18	60	2"	4-M	3000	2	<b>9966-015 065</b>				
350	19	55	2"	4-M	2400	2	9906-015 071				

## WHEEL BRUSHES



Appearance can vary from picture depending on variant.



### WHEEL BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★☆

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

- Cost-effective finishing of components with many contours in dry applications
- Suitable for defined edge rounding

**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 176



You will find the right adapters on page 193



■ Grit 80 ■

■ Grit 120 ■

■ Grit 180 ■

Ø	A	T	Min. B	Max. B	B	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	13		13			20000	6	See below		<b>9902-515 002</b>		<b>9902-515 003</b>	
100	18	18	13	20			12000	6	See below		<b>9902-515 026</b>		<b>9902-515 027</b>	
150	18	32	13	32	50.8	F	8000	6	<b>9902-515 079</b>		<b>9902-515 080</b>		<b>9902-515 081</b>	
178	20	45	13	32		F	8000	4	<b>9902-515 040</b>		<b>9902-515 041</b>		<b>9902-515 042</b>	
200	18	35	19	40	50.8	4-M	6000	2	<b>9902-515 050</b>		<b>9902-515 051</b>		<b>9902-515 052</b>	
250	20	35	20	40	50.8	4-M	3600	2	<b>9902-515 056</b>		<b>9902-515 057</b>		<b>9902-515 058</b>	
250	18	60	20	40	50.8	4-M	3000	2	<b>9962-515 056</b>		9962-515 057		9962-515 058	
300	20	35	20	40	50.8	4-M	2400	2	<b>9902-515 062</b>		<b>9902-515 063</b>		<b>9902-515 064</b>	
300	20	60	20	40	50.8	4-M	3000	2	9962-515 062		<b>9962-515 063</b>		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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	13		13			20000	6	<b>9902-515 004</b>					
100	18	18	13	20			12000	6	<b>9902-515 028</b>					
150	18	32	13	32	50.8		8000	6	<b>9902-515 082</b>					
178	18	45	13	32			8000	4	9902-515 043					
200	18	35	19	40	50.8	4-M	6000	2	<b>9902-515 053</b>					
250	18	60	20	40	50.8	4-M	3000	2	<b>9962-515 059</b>					
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	<b>9962-515 065</b>					



**NHS trim material** - Also suitable for use with coolants

■ Grit 80 ■

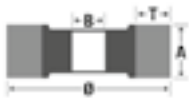
Ø	A	T	Min. B	Max. B	B	Adapt.	Max. RPM		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
75	12	13		13			20000	6	9902-515 001					
100	18	18	13	20			12000	6	<b>9902-515 025</b>					

# CLEANING TOOLS FOR STATIONARY MACHINES

## ROLLER BRUSHES



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 trim 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

Ø	A	T	B	R	Max. RPM	📦	■ Steel / 0.35 ■		■ INOX / 0.30 ■		Order no.	€ per pcs
							Order no.	€ per pcs	Order no.	€ per pcs		
300	440	60	120	120	3600	1	<b>4602-743 178</b>	*				
300	600	60	120	120	3600	1	<b>8802-753 478</b>	*	1302-753 368	*		

\* Prices on request



#### Good to know ...

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



## ROLLER BRUSHES

### COATED ABRASIVE FLAP ROLLERS

**SUPERIOR** ★★★★★☆

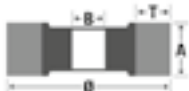
Coated abrasive flap rollers, industrial quality, with bore 19 and 4 keyways

- Coated abrasive with aluminium oxide
- Generates a homogeneous surface pattern
- All rollers are supplied in neutral cardboard packaging

**Applications:** For pre-sanding and texturing



Appearance can vary from picture depending on variant.



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		Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	0043-010 100		0063-010 100		<b>0083-010 100</b>		0123-010 100	
100	100	19	5000	1					8203-010 100			

### 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



Appearance can vary from picture depending on variant.



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		Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	<b>0063-410 100</b>		0083-410 100		<b>0123-410 100</b>	
100	100	19	5000	1	8203-410 100					

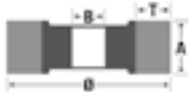
# CLEANING TOOLS

## FOR STATIONARY MACHINES

### ROLLER BRUSHES



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	📦	■ Grit 80 / coarse ■		■ Grit 180 / fine ■		■ Grit 320 / very fine ■	
					Order no.	RRP (€)	Order no.	RRP (€)	Order no.	RRP (€)
100	100	19	5000	1	<b>0083-310 100</b>		<b>0183-310 100</b>		0283-310 100	
100	100	19	5000	1	8203-310 100					

END BRUSHES

## 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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	95	25	16	0002-509 448		<b>0002-509 478</b>		0002-509 498	

■ INOX / 0.20 ■

■ Grit 80 ■

■ Grit 120 / 0.20 stainless ■

Ø	T	L		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
25	95	25	16	<b>0002-509 348</b>		0002-509 908		<b>5702-509 938</b>	




# CLEANING TOOLS FOR STATIONARY MACHINES

## ACCESSORIES



### AXIS DISCS

Axis discs for table deburring brushes

B	Keyway		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
50.8	13.2 x 7.1	1	<b>5495-560 051</b>					
52.9	13.5 x 6.4	1	<b>5495-560 052</b>					
54.7	13.6 x 5.8	1	<b>5495-560 054</b>					
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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
12.7	1/2"	1	<b>0003-075 064</b>					
15.9	5/8"	1	<b>0003-075 065</b>					
19	3/4"	1	<b>0003-075 066</b>					
22.2	7/8"	1	<b>0003-075 067</b>					
25.4	1"	1	<b>0003-075 068</b>					
28	1 1/8"	1	0003-075 069					
28	1 1/4"	1	<b>0003-075 070</b>					
38	1 1/2"	1	0003-075 071					
50.8	2"	1	0003-075 073					



### F-ADAPTER


For reducing bores.

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

### 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

B		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					

B		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	196
INDUSTRIAL BRUSHES	201
BLOCK BRUSHES	202
BROOMS	204
SCRUB BRUSHES	206
DUSTERS	206
PAINT BRUSHES	207
ACCESSORIES	208



## HAND BRUSHES



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		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		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		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		

# HAND BRUSHES

## HAND BRUSHES



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		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		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	

## HAND BRUSHES



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 trim materials

**Applications:** Paint removal, rust removal, cleaning

					Brass-coated steel, ■ straight / 0.35 ■		■ Steel, straight / 0.35 ■			
A	T	L	Rows		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		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		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			

# HAND BRUSHES

## HAND BRUSHES



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 trim 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		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	<b>0901-151 094</b>		<b>0901-152 334</b>		<b>0901-151 594</b>		
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 trim 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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
145	35	295	3	12	<b>0003-162 133</b>		<b>0003-162 333</b>			

## HAND BRUSHES



Appearance can vary from picture depending on variant.



### FINE SCRATCH BRUSHES, WOODEN BODY

**SUPERIOR** ★★★★★☆

Fine scratch brush with wooden body, industrial quality

- Dense trim 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		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		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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
33	15	180	15	3	48	0008-432 573					



# HAND BRUSHES

## INDUSTRIAL 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 trim 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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
15/25	65	120	12	<b>0008-493 100</b>					



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
13	25	160	12	<b>0003-075 252</b>					
16	25	160	12	<b>0003-075 253</b>					
19	28	160	12	<b>0003-075 254</b>					
23	25	160	12	<b>0003-075 255</b>					



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
15	100	280	10	<b>0002-892 215</b>					
20	100	280	10	<b>0002-892 220</b>					
25	100	280	10	<b>0002-892 225</b>					

## 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		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		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

# HAND BRUSHES

## BLOCK BRUSHES



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

A	T	L	Rows	📦	■ Steel, straight / 0.35 ■		■ straight steel Brass-coated / 0.30 ■		■ Flat wire 0.9 x 0.35 ■	
					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			

### WEEDING BRUSH, WOODEN BODY

**SUPERIOR** ★★★★★☆

Weeding brush with wooden body, industrial quality

- The V-shape arrangement of the trim 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



Appearance can vary from picture depending on variant.



Find the broom handle that is right for you under Accessories on page 208.



A	T	L	B	Rows	📦	■ Steel, straight / 0.35 ■		Order no.	€ per pcs	Order no.	€ per pcs
						Order no.	€ per pcs				
4	38	100	35	3	25	0001-261 173					

## BROOMS



Appearance can vary from picture depending on variant.



### BROOM WOODEN BODY

**SUPERIOR** ★★★★★☆

Broom with wooden body, industrial quality, diameter for broom shaft 22 mm

- Long life
- Sturdy
- Effortless cleaning

**Applications:** Cleaning, dust removal, sweeping

T	L	B	Rows		■ Steel, straight / 0.50 ■		Steel, flat wire ■ 1.20 x 0.25 ■		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			



Appearance can vary from picture depending on variant.



### WORKSHOP BROOM, WOODEN BODY

**SUPERIOR** ★★★★★☆

Workshop broom with wooden body and Korfil-D trim, 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

T	L	B	Rows		■ Nylon / Korfil-D ■		Order no.	€ per pcs	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 208.



# HAND BRUSHES

## BROOMS

### BROOM WOODEN BODY

**SUPERIOR** ★★★★★

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



Appearance can vary from picture depending on variant.




Find the broom handle with diameter 28 mm that is right for you under Accessories on page 208.



■ Cocos ■

■ Elastan red ■

T	L	B	Rows		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
95	320	66	5	5			<b>0004-102 925</b>			
80	290	55	5	20	<b>0003-102 950</b>					
80	600	55	6	6	<b>0003-102 990</b>		<b>0003-102 960</b>			

## SCRUB BRUSHES

### SCRUB BRUSHES, WOODEN BODY

**SUPERIOR** ★★★★★☆



Appearance can vary from picture depending on variant.



Scrub brush with wooden body, industrial quality, handle hole diameter 22 mm

- Dense, sturdy trim
- Good cleaning performance

**Applications:** Cleaning and scrubbing of floors and surfaces

■ Steel, straight ■

T	L	B	Rows		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					

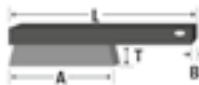
## DUSTERS

### DUSTER, WOODEN BODY

**SUPERIOR** ★★★★★☆



Appearance can vary from picture depending on variant.



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		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
150	60	310	35	4	10	0001-110 114		0181-110 924			

# HAND BRUSHES

## PAINT BRUSHES



Appearance can vary from picture depending on variant.

### FLAT PAINT BRUSH, PLASTIC HANDLE

**SUPERIOR** ★★★★★☆

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		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					



Appearance can vary from picture depending on variant.

### RADIATOR PAINT BRUSH, PLASTIC HANDLE


**SUPERIOR** ★★★★★☆

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		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					

ACCESSORIES



**HANDLE HOLDER, METAL**

For workshop broom order no. 9711-104 925

		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
	1	0003-000 001					



**BROOM HANDLE, WOOD**

■ Wood ■

Ø	L		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**

---

<b>MANUAL USE</b>	<b>210</b>
<b>POLISHING FLAP DISCS</b>	<b>213</b>
<b>POLISHING COMPOUNDS</b>	<b>214</b>
<b>VARIABLE-SPEED AND CORDLESS ANGLE GRINDERS</b>	<b>216</b>
<b>POWER DRILLS</b>	<b>220</b>
<b>POWER DRILLS AND HIGH-SPEED MACHINES</b>	<b>222</b>
<b>SATINISING MACHINES</b>	<b>224</b>
<b>STATIONARY MACHINES</b>	<b>227</b>
<b>ACCESSORIES</b>	<b>228</b>

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	
	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
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 shows the prices of the articles and explains their usage

	Household display box		Car display box	
	Silver	€ per pcs	Jewellery	€ per pcs
1	8212-600 003		8202-600 003	

**+**



**Info:**

Sponge and cloth for applying and polishing are available separately as a kit. See page 211.

**+**

**How do I apply StarPolish?**

Apply and rub with damp sponge, polish with a soft cloth.  
Done!




# POLISHING & SATIN FINISHING

## MANUAL USE




### 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		Order no.	€ per pcs
125	10	<b>2103-002 102</b>	
1000	6	<b>L669-002 102</b>	



### 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

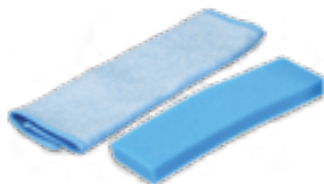
**Applications:** For polishing chrome, aluminium, silver, stainless steel, brass, copper, etc.



Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



ml		Order no.	€ per pcs
125	10	<b>1203-600 002</b>	



### 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.



	Order no.	€ per pcs
10	<b>L979-600 002</b>	

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		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		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!



## POLISHING FLAP DISCS



### 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 129






Ø in mm	Ø in inches	RPM	Texture		Form	Order no.	€ per pcs	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	Finish	10		<b>5541 220 100</b>		562132
125 x 22.23	5 x 7/8	12200	Finish	10		<b>5542 220 100</b>		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		Form	Order no.	€ per pcs	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	Mixed	1		<b>6900 040 100</b>		706208
125 x 22.23	5 x 7/8	12200	Mixed	1		<b>6900 041 100</b>		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 from Osborn for stainless steel or brown for non-ferrous metals)
- Then use a high-gloss polishing compound (e.g. blue from Osborn) 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

# 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 ★★★★★☆

Process	Colour	Type	Name	Description	Sales Qty	Order no.	Apply on				Matrix		
							Aluminium	Stainless	Non-ferrous	Plastic	fat f=low, 10=high	cut f=low, 10=high	gloss f=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		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 & SATIN FINISHING

## POLISHING COMPOUNDS



### 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).

Grams	📦	White		Brown		Blue	
		Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
About 110	15	<b>2103-005 333</b>		<b>2103-007 012</b>		<b>2103-000 461</b>	



#### Kit of polishing compounds

In a practical PET packaging with Euro-standard hole for ideal presentation at the POS.

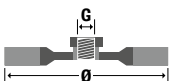


Grams	📦	Order no.	€ per pcs
Approx. 3 x 50	8	<b>7902-600 000</b>	

VARIABLE-SPEED AND CORDLESS ANGLE GRINDERS



Appearance can vary from picture depending on variant.



**SISAL/CLOTH AND 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 <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	7	L940-030 842	

**NOTIFLEX® fleece, hard**

Ø	G	min <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	7	L914-000 436	

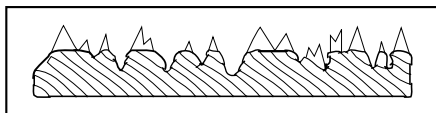
**NOTIFLEX® fleece, soft**

Ø	G	min <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	7	L911-000 436	

**DIRECTIONS FOR USE:**

**CUTTING WITH SISAL/CLOTH**

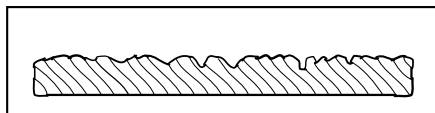
- Please use the white compound for (stainless) steel
- For brass and copper, please start at Step 2 – Polishing



Removing defects and scratches

**POLISHING WITH NOTIFLEX® FLEECE, HARD**

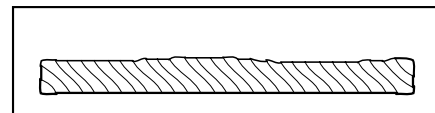
- Please use the white compound for (stainless) steel
- Please use the brown compound for brass, copper and aluminium



Removing traces of cutting and blending the surface

**COLOURING WITH NOTIFLEX® FLEECE, SOFT**

- Please use the blue compound for all materials



Achieving a high-gloss surface

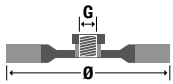


# POLISHING & SATIN FINISHING

## VARIABLE-SPEED AND CORDLESS ANGLE GRINDERS



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 coloring

**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 <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	6	8603-600 006	

VARIABLE-SPEED AND CORDLESS ANGLE GRINDERS



**LIPPRITE® FOLDED BUFFS**

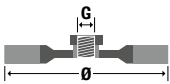
**SUPERIOR** ★★★★★

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

Appearance can vary from picture depending on variant.



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 <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	7	L961-100 012	

■ Abrasive non-woven fine ■

Ø	G	min <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	7	L961-100 076	

■ Abrasive non-woven very fine ■

Ø	G	min <sup>-1</sup>		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

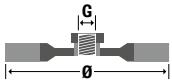


# POLISHING & SATIN FINISHING

## VARIABLE-SPEED AND CORDLESS ANGLE GRINDERS



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 218

**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 <sup>-1</sup>		Order no.	€ per pcs
100	M14	9000	6	7903-600 004	

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 215)



In practical PET packaging with Euro-standard hole and short-form directions for use



Ø	B	min <sup>1</sup>		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 and aluminium 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 215)



In practical PET packaging with Euro-standard hole and short-form directions for use



Ø	B	min <sup>1</sup>		Order no.	€ per pcs
100	10	4000	8	7922-600 000	

# POLISHING & SATIN FINISHING

## POWER DRILLS



### 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 <sup>-1</sup>		Order no.	€ per pcs
85/80	10	4000	5	<b>1203-600 000</b>	



### 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 <sup>-1</sup>		Order no.	€ per pcs
100	10	4000	6	<b>8603-600 010</b>	

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, very fine
- 1 x non-woven abrasive buff, fine
- 1 x clamp shaft, Ø 6 mm

Have a look at page 218 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 <sup>-1</sup>		Order no.	€ per pcs
100	10	4000	6	<b>8603-600 004</b>	



The tapered shank is also available separately. See page 228.



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

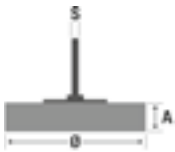
**Applications:** Pre-sanding and texturing. Burrs and scratches can be removed. For the surface treatment of almost all parts made of steel, aluminium, non-ferrous metals, wood and hard plastic

Ø	A	Shaft	min <sup>-1</sup>		AO 60		AO 80		AO 120	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
60	30	6	12700	10	<b>0063-006 030</b>		<b>0083-006 030</b>		<b>0123-006 030</b>	

## POWER DRILLS AND HIGH-SPEED MACHINES



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 trim 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

Ø	A	Shaft	min <sup>-1</sup>	📦	■ AO 80 medium ■		■ AO 150 fine ■		■ SIC 240 fine ■	
					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 due to the dense structure of the non-woven material
- Besides the main application, oxide layers can be cleaned off and wood and plastic can be smoothed

**Applications:** Matting, satin and final finishing

Ø	A	Shaft	min <sup>-1</sup>	📦	■ AO coarse ■		■ AO medium ■		■ AO fine ■	
					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 164.



## SATINISING MACHINES

### 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**)



Appearance can vary from picture depending on variant.



Ø	A	B	min-1	📦	■ Grit 40 ■		■ Grit 60 ■		■ Grit 80 ■		■ Grit 120 ■	
					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		<b>0083-010 100</b>		0123-010 100	
100	100	19	5000	1					8203-010 100			

### 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**)



Appearance can vary from picture depending on variant.



Ø	A	B	min-1	📦	■ Grit 60 / coarse ■		■ Grit 80 / medium ■		■ Grit 120 / fine ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	100	19	5000	1	<b>0063-410 100</b>		0083-410 100		<b>0123-410 100</b>	
100	100	19	5000	1	8203-410 100					

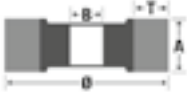


# POLISHING & SATIN FINISHING

## SATINISING MACHINES



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	📦	■ Grit 80 / coarse ■		■ Grit 180 / fine ■		■ Grit 320 / very fine ■	
					Order no.	€ per pcs	Order no.	€ per pcs	Order no.	€ per pcs
100	100	19	5000	1	<b>0083-310 100</b>		<b>0183-310 100</b>		0283-310 100	
100	100	19	5000	1	8203-310 100					

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 <sup>-1</sup>		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 <sup>-1</sup>		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 <sup>-1</sup>		Order no.	€ per pcs
100	19/6	4000	1	2103-100 643	

## STATIONARY MACHINES



### POLISHING KIT FOR STATIONARY MACHINES, 3 PC.

**SUPERIOR** ★★★★★☆

Universal folded buff kit, for use on stationary machines. In conjunction with our polishing compounds (Page 214), 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 228



Available in a practical PET packaging with Euro-standard hole for ideal presentation at the POS.



Ø	B	min <sup>-1</sup>		Order no.	€ per pcs
150	31.75	3000	1	<b>8602-600 003</b>	
200	31.75	3000	1	<b>8612-600 003</b>	

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.

B		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		Order no.	€ per pcs
10-35	6	4	8103-800 224	



## **INDUSTRIAL BRUSHES**

---

### **INTERNAL FINISHING**

- SITUFT	230
- HELITUF	231
- TUBE BRUSHES	232
- NOVOFLEX	238
- NOVOFIL	239
- HOLE CLEANING BRUSHES	240
- NOZZLE CLEANING BRUSHES	241
- OTHER BRUSHES	242
- KITS	243
- ACCESSORIES	244
NOVOTEC	245
ATB® - ADVANCED TECHNOLOGY BRUSH SYSTEM	247

## SITUFT®, CRIMPED OSBORN WIRE EVOLUTION ★★★★★



Appearance can vary from picture depending on variant.



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 243



						■ Osborn steel / 0.08 ■		■ Osborn steel / 0.13 ■		■ Osborn steel / 0.20 ■	
W	Ø	A	L	S		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		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					

# INDUSTRIAL BRUSHES FOR INTERNAL FINISHING

HELITUF

## HELITUF®, CRIMPED OSBORN WIRE EVOLUTION ★★★★★

HELITUF internal brush with crimped Osborn wire arranged in a spiral, high-end quality

- The spiral-shaped trim 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)





Appearance can vary from picture depending on variant.



Brushes denoted by an asterisk are also available as kit. See Page 243



						■ Osborn steel / 0.13 ■		■ Osborn steel / 0.20 ■			
W	Ø	A	L	S		Order no.	€	Order no.	€	Order no.	€
6	7.95	25	89	3.4	12	<b>9907-036 012</b>					
8	9.5	25	89	3.4	12	<b>9907-036 017</b>					
10	11	25	89	3.4	12	<b>9907-036 022</b> *		9907-036 023			
11	12.7	25	89	3.4	12	<b>9907-036 027</b> *					
13	14.3	25	89	3.4	12	<b>9907-036 032</b>		<b>9907-036 033</b> *			
14	15.9	25	89	3.4	12	<b>9907-036 037</b> *					
16	17.5	25	89	3.4	12	<b>9907-036 042</b>		<b>9907-036 043</b> *			
18	19	25	89	3.4	12	<b>9907-036 047</b> *					
19	20.6	25	89	3.4	12	<b>9907-036 052</b>		<b>9907-036 053</b> *			
21	22.2	25	89	3.4	12	<b>9907-036 057</b> *					
22	23.8	25	89	3.4	12	<b>9907-036 062</b>		<b>9907-036 063</b> *			
24	25.4	25	89	3.4	12	<b>9907-036 067</b> *					
25	27	25	89	3.4	12	<b>9907-036 072</b>		<b>9907-036 073</b> *			
29	30.1	25	89	3.4	12	<b>9907-036 082</b> *					
32	33.3	25	89	3.4	12			<b>9907-036 093</b>			

						■ Osborn INOX / 0.13 ■		■ Osborn INOX / 0.20 ■			
W	Ø	A	L	S		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	<b>9907-036 147</b>					
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	<b>9907-036 163</b>		9907-036 164			
19	20.6	25	89	3.4	12			<b>9907-036 172</b>			
22	23.8	25	89	3.4	12	<b>9907-036 179</b>					
25	27	25	89	3.4	12	9907-036 187		<b>9907-036 188</b>			
32	33.3	25	89	3.4	12			<b>9907-036 204</b>			

## TUBE BRUSHES



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 trim 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 244



■ Steel / 0.15 ■

■ Steel / 0.20 ■

Ø	A	L	G		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		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					



# INDUSTRIAL BRUSHES

## FOR INTERNAL FINISHING

### TUBE BRUSHES



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 trim 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 244



■ Steel / 0.35 ■

■ Steel / 0.50 ■

Ø	A	L	G	📦	■ Steel / 0.35 ■		■ Steel / 0.50 ■		Order no.	€
					Order no.	€	Order no.	€		
63	100	160	1/2" BSW	5	<b>0002-808 163</b>					
75	100	160	1/2" BSW	5	0002-808 175					
100	100	160	1/2" BSW	5			0002-808 100			

## TUBE BRUSHES

### TUBE BRUSHES, DOUBLE SPIRAL, STRAIGHT WIRE SUPERIOR ★★☆☆☆



Appearance can vary from picture depending on variant.



Tube brush with straight wire, industrial quality, for internal finishing

- High trim 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 244



■ Steel / 0.25 ■

■ Steel / 0.30 ■

Ø	A	L	G		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		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			

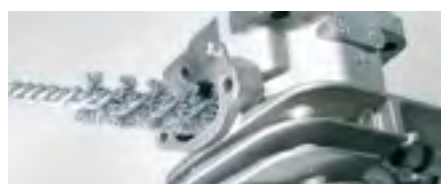
# INDUSTRIAL BRUSHES

## FOR INTERNAL FINISHING

### TUBE BRUSHES



Appearance can vary from picture depending on variant.



## MICRO-ABRASIVE TUBE BRUSHES, ABRASIVE TRIM

**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	📦	■ Abr. bristle / NHS 1000 ■		■ Abr. bristle / NHA 600 ■			
					Order no.	€	Order no.	€	Order no.	€
0.7	12	100	0.42	12	<b>0003-056 400</b>					
1.2	12	100	0.47	12	<b>0003-056 403</b>					
1.9	18	100	0.74	12	<b>0003-056 406</b>					
2.2	18	100	0.93	12	<b>0003-056 409</b>					
2.6	25	100	1.08	12	<b>0003-056 412</b>					
3.2	25	100	1.66	12	<b>0003-056 415</b>					
3.5	25	100	1.66	12	<b>0003-056 418</b>					
4.2	25	125	2.20	12			<b>0003-056 425</b>			
4.8	25	125	2.20	12			<b>0003-056 427</b>			
5.5	25	125	2.20	12			<b>0003-056 428</b>			
6.6	25	125	3.00	12			<b>0003-056 429</b>			
8.2	25	125	3.00	12			<b>0003-056 432</b>			
9.8	25	125	3.40	12			<b>0003-056 435</b>			
11.5	25	125	3.40	12			<b>0003-056 436</b>			
13	25	125	4.20	12			<b>0003-056 438</b>			
16	25	125	4.20	12			<b>0003-056 441</b>			
17.5	25	125	4.20	12			<b>0003-056 442</b>			
19.4	25	125	5.60	12			<b>0003-056 444</b>			
22.6	25	125	5.60	12			<b>0003-056 447</b>			
25.8	25	125	6.20	12			<b>0003-056 450</b>			

## TUBE BRUSHES

### TUBE BRUSHES, ABRASIVE TRIM

**SUPERIOR** ★★★★★☆



Appearance can vary from picture depending on variant.



Tube brushes with abrasive trim, 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%.

Ø	A	L		■ Novofil 80 ■		■ Novofil 120 ■		■ Novofil 320 ■	
				Order no.	€	Order no.	€	Order no.	€
6	50	125	12			<b>0003-056 306</b>		<b>0003-056 326</b>	
7	50	125	12			0003-056 307		0003-056 327	
8	50	125	12			<b>0003-056 308</b>		<b>0003-056 328</b>	
10	50	125	12	0003-056 010		<b>0003-056 310</b>		<b>0003-056 330</b>	
13	50	125	12	<b>0002-056 011</b>		<b>0002-056 311</b>		<b>0002-056 331</b>	
16	50	125	12	<b>0002-056 012</b>		<b>0002-056 312</b>		<b>0002-056 332</b>	
19	65	125	12	<b>0002-056 013</b>		<b>0002-056 313</b>		<b>0002-056 333</b>	
22	65	125	12	<b>0002-056 014</b>		<b>0002-056 314</b>		<b>0002-056 334</b>	
25	65	125	12	<b>0002-056 015</b>		<b>0002-056 315</b>		<b>0002-056 335</b>	
32	65	125	12	<b>0002-056 016</b>		<b>0002-056 316</b>		<b>0002-056 336</b>	
38	65	125	12	<b>0002-056 017</b>		<b>0002-056 317</b>		<b>0002-056 337</b>	
50	65	125	12	<b>0002-056 018</b>		<b>0002-056 318</b>		0002-056 338	

# INDUSTRIAL BRUSHES

## FOR INTERNAL FINISHING

### TUBE BRUSHES

## 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 trim 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%.



Appearance can vary from picture depending on variant.



■ Nylon / grit 400 ■

■ Nylon / grit 800 ■

Ø	A	L	S		Order no.	€	Order no.	€	Order no.	€
2	20	100	1	2	<b>0008-852 002</b>					
2	20	100	1	10			0008-852 802			
2.5	20	100	1	2	<b>0018-852 002</b>					
3	20	100	1.5	2	<b>0008-852 003</b>					
3.5	20	100	1.5	2			0008-852 803			
3.5	20	100	1.5	10	<b>0018-852 003</b>		0018-852 803			
4	20	115	3	2	<b>0008-852 004</b>		0008-852 804			
5	20	115	3	2	<b>0008-852 005</b>		<b>0008-852 805</b>			
6	20	115	3	2	<b>0008-852 006</b>		<b>0008-852 806</b>			
7	20	115	3	2	0008-852 007		<b>0008-852 807</b>			
8	20	115	3	2	<b>0008-852 008</b>		0008-852 808			
9	20	115	3	2	0008-852 009		0008-852 809			
10	20	115	4	2	<b>0008-852 010</b>		0008-852 810			
12	20	115	6	2	<b>0008-852 012</b>		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

## HONING TOOL NOVOFLEX-B®, ABRASIVE TRIM

SUPERIOR ★★★★★☆



Appearance can vary from picture depending on variant.



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.

W	Ø	A	L	S	☐	■ Abr. bristle / grit SIC 120 ■		■ Abr. bristle / grit SIC 180 ■		■ Abr. bristle / grit SIC 240 ■	
						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		9838-036 315	
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			

# INDUSTRIAL BRUSHES FOR INTERNAL FINISHING

NOVOFIL



Appearance can vary from picture depending on variant.



## NOVOFLEX-H®, NOVOFIL®-WF TRIM EVOLUTION ★★★★★

Trim material secured in spiral shape in 2-fold wire core

- Very dense trim
- 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.

Ø	A	L	S	📦	■ Abr. bristle / grit 120 ■		■ Abr. bristle / grit 320 ■		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	<b>9907-036 310</b>		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	<b>9907-036 316</b>					
115	102	152	9.53	6			9907-036 317			
140	127	235	12.7	2	9907-036 320					

## HOLE CLEANING BRUSHES



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		■ Steel / 0.15 ■		■ Steel / 0.20 ■			
				Order no.	€	Order no.	€	Order no.	€
15	100	280	10	<b>0002-892 215</b>					
20	100	280	10			<b>0002-892 220</b>			
25	100	280	10			<b>0002-892 225</b>			



# INDUSTRIAL BRUSHES

## FOR INTERNAL FINISHING

### NOZZLE CLEANING BRUSHES



Appearance can vary from picture depending on variant.



## NOZZLE CLEANING BRUSHES, WIRE/NYLON

**SUPERIOR** ★★★★★☆

Nozzle cleaning brushes with wire or nylon trim, 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.

Ø	A	L	📦	■ Steel, crimped ■		■ Brass, crimped ■		■ INOX, crimped ■	
				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	

Ø	A	L	📦	■ Nylon ■		Order no.	€	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							

## 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 trim 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		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** ★★★★★☆

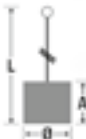
Fitting brush with plastic handle, industrial quality

- 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		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		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					

# INDUSTRIAL BRUSHES

## FOR INTERNAL FINISHING

### SETS



### 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 230.



	Order no.	€	Order no.	€	Order no.	€
1	<b>9907-035 000</b>					



### HELITUF® KIT, CRIMPED OSBORN WIRE

#### EVOLUTION ★★★★★

HELITUF internal brush range with crimped Osborn wire arranged in a spiral, high-end quality

- The spiral-shaped trim 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 231.



	Order no.	€	Order no.	€	Order no.	€
1	<b>9907-036 000</b>					


## 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		Order no.	€	Order no.	€	Order no.	€
1/2" BSW	1000	10	<b>0002-819 110</b>					
M 6	1000	10	1132-819 110					



## **BRUSH TECHNOLOGY INDUSTRIAL**

---

**NOVOTEC WHEEL BRUSH WITH  
NOVOFIL®-DR TRIM MATERIAL**



Appearance can vary from picture depending on variant.



## NOVOTEC WHEEL BRUSHES

### EVOLUTION ★★★★★

Individual disc brushes wound around a steel flange and with very narrow working widths. The cutting speed is about 15 m/s (oscillating).

#### Trim 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.



Ø	A	B	RPM	📦	■ Grit 240 ■		■ Grit 400 ■		■ Grit 600 ■		■ Grit 800 ■	
					Order no.	€	Order no.	€	Order no.	€	Order no.	€
150	4	20	2800	1	2401-901 924	*	<b>4001-901 924</b>	*	<b>6001-901 924</b>	*	1201-901 924	*
150	8	20	2800	1	<b>2401-902 924</b>	*	<b>4001-902 924</b>	*	<b>6001-902 924</b>	*	6201-902 924	*
200	4	20	1400	1	2401-901 926	*	4001-901 926	*	<b>6001-901 926</b>	*	1911-901 926	*
200	8	20	1400	1	2401-902 926	*	4001-902 926	*	6001-902 926	*	6901-902 926	*

\* Prices on request



## **BRUSH TECHNOLOGY INDUSTRIAL**

---

**ATB® - ADVANCED TECHNOLOGY  
BRUSH SYSTEM**

## 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.

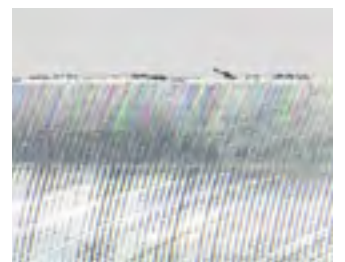
Our ATB® brushes are available to you with a large selection of abrasive bristles having **silicone carbide** or **ceramic** trim, with different grit sizes and filament diameters.

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.

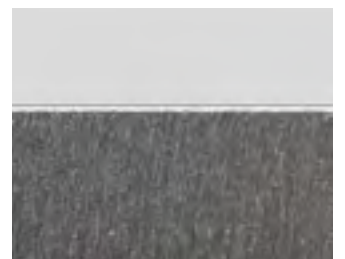
Brushes are deployed downstream of the machining process, and the use of cooling lubricants, emulsions and water poses no problems. This means the machined work pieces can be directly deburred and finished in a reliable and reproducible manner without reclamping on the machine.



**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.





### GENERAL INFORMATION



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, nipped 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 TRIM DENSITY MINIMUM PROCESS COSTS

ATB® brushes have trim 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.

##### Clever design

- Standardised face mill arbors and shell mill mounts
- High levels of form stability and concentricity
- Bristles are securely casted
- Extremely dense trim surface

##### High-tech bristles

- High abrasive grit content for effective deburring
- Use with coolant possible/recommended
- Can be tailored to any material machined
- The abrasion-resistant bristles are excellent at righting their positions
- Planar trim surface
- Aggressive brushing effect

## ATB® BRUSHES

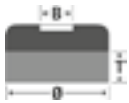


### ATB® BRUSHES WITH MAXIMUM FILL DENSITY, COMPATIBLE WITH CLAMPING FIXTURE

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.



Ø	T	B	For clamping fixture	☐	■ Grit 80 ■		■ Grit 120 ■		■ Grit 180 ■		■ Grit 320 ■	
					Order no.	€	Order no.	€	Order no.	€	Order no.	€
50	35	16 (hexagonal)	K = Fixture with shank	1	6701-604 912	*	<b>5411-604 912</b>	*	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	*	<b>2211-604 914</b>	*	6231-604 914	*
106	35	16 (hexagonal)	H = Fixture with shank	1	<b>3101-604 914</b>	*	<b>3221-604 914</b>	*	<b>3321-604 914</b>	*	<b>3401-604 914</b>	*

\* Prices on request



### 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.



Ø	T	B	For clamping fixture	☐	■ Grit 80 ■		■ Grit 120 ■		■ Grit 180 ■		■ Grit 320 ■	
					Order no.	€	Order no.	€	Order no.	€	Order no.	€
125	40	18 + Driving hole	C = Fixture for HSK/SK	1	<b>3101-604 916</b>	*	<b>3201-604 916</b>	*	<b>3311-604 916</b>	*	3401-604 916	*
150	40	18 + Driving hole	D = Fixture for HSK/SK	1	<b>3111-604 916</b>	*	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	*	3341-604 916	*	3431-604 916	*
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	*	<b>2401-604 919</b>	*		

\* Prices on request

### ATB® BRUSHES

## CLAMPING FIXTURES FOR ATB® DISC BRUSHES



Appearance can vary from picture depending on variant.

Clamping fixture		INDEX K / Ø 50 mm		INDEX L / Ø 76 mm		INDEX L / Ø 85 mm		INDEX L / Ø 106 mm	
		Order no.	€	Order no.	€	Order no.	€	Order no.	€
With shank (Ø 12 mm) and clamping DIN 6535-HB	1	<b>6601-604 912</b>	*	<b>6601-604 912</b>	*	6601-604 912	*	6601-604 912	*

\* Prices on request

Clamping fixture		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	
		Order no.	€	Order no.	€	Order no.	€	Order no.	€	Order no.	€
For including on clamping cones HSK/SK tool holder	1	<b>3602-075 000</b>	*	<b>3612-075 000</b>	*	3622-075 000	*	3692-075 000	*	<b>1922-075 000</b>	*

\* Prices on request

## TOOL HOLDERS



Appearance can vary from picture depending on variant.

Tool holders	for INDEX		Order no.	€
HSK – A63, to DIN 69893	C, D, E, F, G	1	<b>3603-604 000</b>	*
HSK – A100 to DIN 69893	C, D, E, F, G	1	<b>3633-604 000</b>	*
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	*

\* Prices on request

## ATB® BRUSHES



### 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.



Appearance can vary from picture depending on variant.

Ø	T	B	For fixture	📦	■ Grit 80 ■		■ Grit 120 ■		■ Grit 180 ■	
					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 16 with groove	Direct to shell mill holder	1	6301-604 913	*	6311-604 913	*	6321-604 913	*
76	35	Ø 22 with groove	Direct to shell mill holder	1	5521-604 913	*	5511-604 913	*	5501-604 913	*
106	35	Ø 16 with groove	Direct to shell mill holder	1	5431-604 914	*	5511-604 914	*	5441-604 914	*
106	35	Ø 22 with groove	Direct to shell mill holder	1	5501-604 914	*	5791-604 914	*	5521-604 914	*
106	35	Ø 27 with groove	Direct to shell mill holder	1	5601-604 914	*	5611-604 914	*	5621-604 914	*
125	35	Ø 16 with groove	Direct to shell mill holder	1	6751-604 916	*	6801-604 916	*	6631-604 916	*
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	*
150	35	Ø 27 with groove	Direct to shell mill holder	1	6781-604 916	*	6831-604 916	*	6661-604 916	*

\* Prices on request



### 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 trim 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. Brushes for use on continuous deburring systems with planetary heads.

Appearance can vary from picture depending on variant.



Ø	T	B	For mounting	📦	■ Grit 80 ■		■ Grit 120 ■		■ Grit 180 ■		■ Grit 320 ■	
					Order no.	€	Order no.	€	Order no.	€	Order no.	€
150	25	Ø 25/35 + 2 Driving holes	TURBO – NEUTRAL	1	<b>3141-604 916</b>	*	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	*	3371-604 916	*	3461-604 916	*

\* Prices on request



## **STRIP BRUSHES**

---

**GENERAL INFORMATION** 254

**STRIP BRUSHES** 255

**BROOMATE** 256

## 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 TRIM

Also available in our standard range are strip brushes with high-grade, pure horse hair trim.

Strip brushes from Osborn with horse hair trim 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 trim ensures optimal thermal insulation. **They are available in standard lengths of 1000 and 2000 mm**, including the 180° aluminium retaining rails.

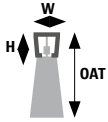


# STRIP BRUSHES

## STRIP BRUSHES



Appearance can vary from picture depending on variant.



## STRIP BRUSHES WITH NYLON TRIM

**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	<b>0904-905 822</b>	

### Type B strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
19	3000	4	3.7	0.15	<b>0924-905 822</b>	
45	3000	4	3.7	0.15	<b>0904-905 825</b>	

### Type E strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
25	3000	5.1	6.3	0.20	<b>0924-905 823</b>	
32	3000	5.1	6.3	0.20	<b>0904-905 824</b>	
45	3000	5.1	6.3	0.20	<b>0914-905 825</b>	

### Type K strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
50	3000	6.6	7.5	0.20	<b>0924-905 825</b>	
75	3000	6.6	7.5	0.30	<b>0904-905 837</b>	

### Type F strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
60	3000	7.8	8.7	0.50	<b>0904-905 856</b>	
75	3000	7.8	8.7	0.30	<b>0904-905 847</b>	
115	3000	7.8	8.7	0.50	<b>0904-905 859</b>	
60	3000	7.8	8.7	0.90	<b>0904-905 896</b>	

### Type L strip brushes:

OAT	L	W	H	PA6 Ø	Order no.	€
230	3000	11.4	12.5	0.90	<b>0904-905 899</b>	
150	3000	11.4	12.5	0.60	<b>0904-905 869</b>	

### Type A retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	13.5	4.4	4	<b>0114-906 000</b>	
90°	14	5.2	5.7	<b>0214-906 000</b>	

### Type B retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	15	7.3	7	<b>0124-906 000</b>	
90°	16	7.3	7	<b>0224-906 000</b>	

### Type E retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	27	8.2	10	<b>0144-906 000</b>	
90°	27	9	10	<b>0244-906 000</b>	

### Type K retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	30	10	12	<b>0154-906 000</b>	
90°	37	12	12	<b>0254-906 000</b>	

### Type F retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	33	12	13	<b>0164-906 000</b>	
90°	41	13	14	<b>0264-906 000</b>	

### Type L retaining rail:

Profile	GH	PW	PH	Order no.	€
180°	68	18	17	<b>0174-906 000</b>	
90°	62	17	18	<b>0274-906 000</b>	

### RETAINING RAILS:

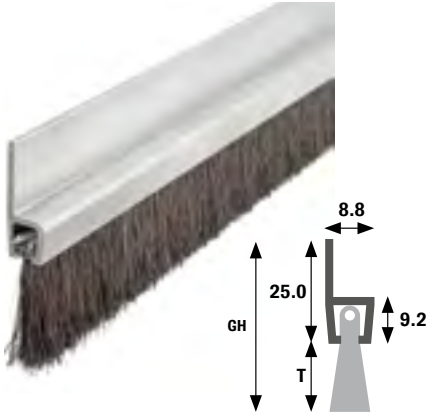


90° F profile



180° h profile

## STRIP BRUSHES



Appearance can vary from picture depending on variant.

### STRIP BRUSHES WITH HORSE HAIR TRIM

**SUPERIOR** ★★★★★☆

Strip brushes including aluminium retaining rail, h profile 180°, with horse hair trim for the perfect sealing of doors, gates and windows.

T	L	GH		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	
45	2000	70	10	0034-906 955	

Strip brush mounting 5x5 mm, galvanised steel

## BROOMATE



### BROOMATE® – THE BROOM FOR INDUSTRY

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

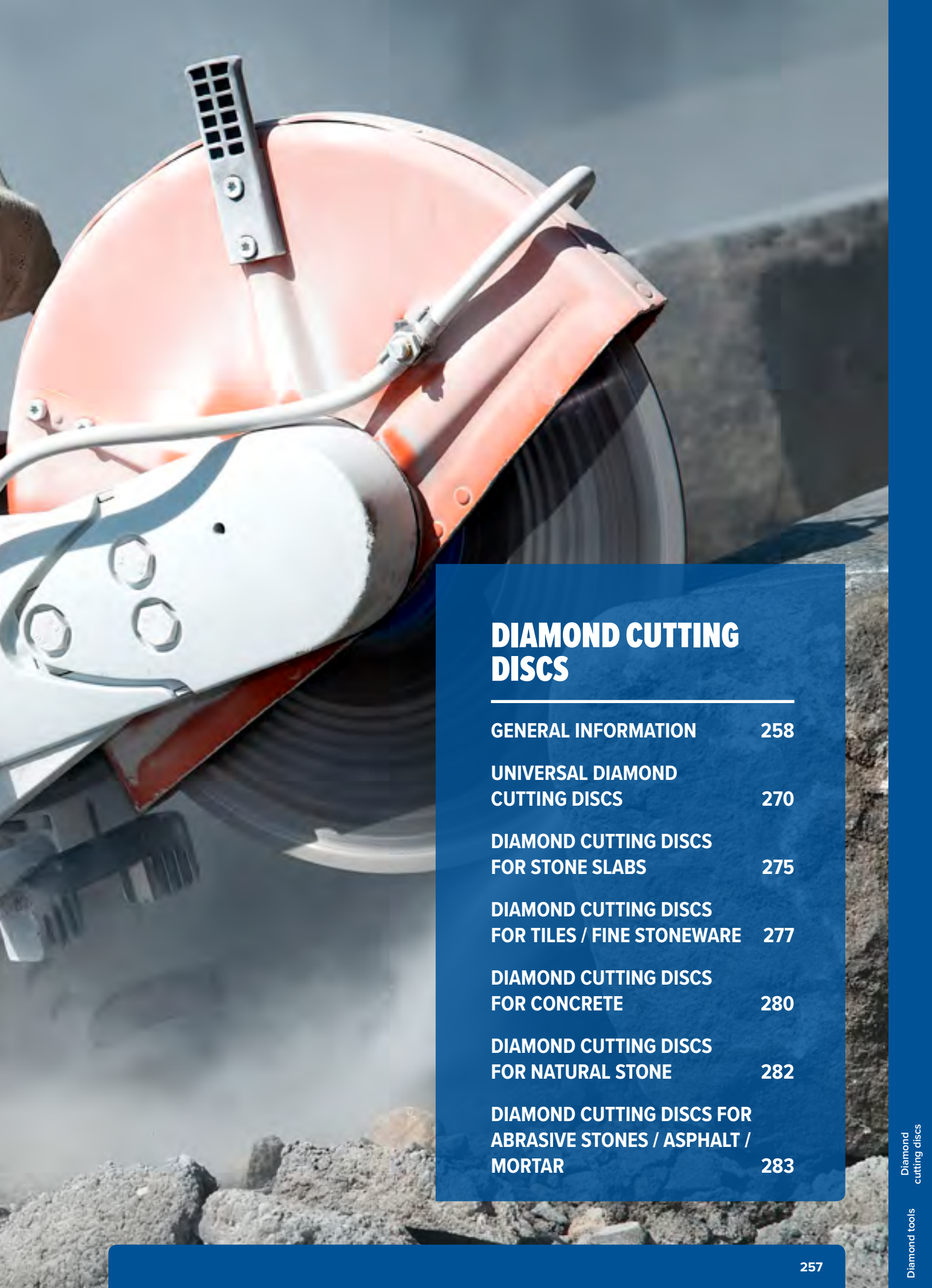
#### For further information:

Scan the QR code and watch the product video or download the entire brochure.



[www.broomate.com](http://www.broomate.com)





## **DIAMOND CUTTING DISCS**

---

<b>GENERAL INFORMATION</b>	<b>258</b>
<b>UNIVERSAL DIAMOND CUTTING DISCS</b>	<b>270</b>
<b>DIAMOND CUTTING DISCS FOR STONE SLABS</b>	<b>275</b>
<b>DIAMOND CUTTING DISCS FOR TILES / FINE STONEWARE</b>	<b>277</b>
<b>DIAMOND CUTTING DISCS FOR CONCRETE</b>	<b>280</b>
<b>DIAMOND CUTTING DISCS FOR NATURAL STONE</b>	<b>282</b>
<b>DIAMOND CUTTING DISCS FOR ABRASIVE STONES / ASPHALT / MORTAR</b>	<b>283</b>

**GENERAL INFORMATION**

# DIAMOND CUTTING DISCS GENERAL INFORMATION

## TESTED SAFETY







When it comes to safety and quality, DRONCO 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

### 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



### Standards

Our products meet the highest safety requirements and standards: EN 13 236 – diamond cutting discs oSa – Organization for the Safety of Abrasives

max. circumferential speed  
max. speed

Dimension:  
Outer diameter,  
diameter of the bore

Field of application

Indicates special additional features

# DIAMOND CUTTING DISCS

## GENERAL INFORMATION

## THE RIGHT TOOL FOR EVERY TASK



**GENERAL INFORMATION**

# 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.

**QR code**

Further product information can be accessed via the QR code on the packaging

**Clear view of the product**

Steel core and diamond segments are readily visible

**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

**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

**Illustrated application**

Customer can see spectrum of applications at a glance

**The segment check**

'Feel the power.' The hole in the packaging lets customers see and feel the diamond segments



# DIAMOND CUTTING DISCS

## GENERAL INFORMATION

## QUALITY LINES FOR EVERY REQUIREMENT

### THREE QUALITY LINES THAT FOLLOW THE GOOD-BETTER-BEST PRINCIPLE

Ranging from solid craftsman's quality – which is used and appreciated by semi-pros as well – up to top-class, high-power tools for intensive use on construction sites. We offer you just the right tool for every requirement.



### ★★★★★ EVOLUTION

High-power tools with outstanding performance. For intensive professional use that subjects the tool to the highest quality requirements. Maximum cutting speed and outstanding service life. Broad range of applications. You'll recognise the Evolution and Xtreme Line by its label with five or seven stars.



BEST

### ★★★★☆ SUPERIOR

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



BETTER

### ★★★☆☆ PERFECT

The cost-effective range of discs for versatile tasks in recognised craftsman's quality. Good service life and rapid cutting at an attractive price. For users who value quality but don't require a high-performance tool for long-term use. You'll recognise the Perfect Line by its label with three stars.

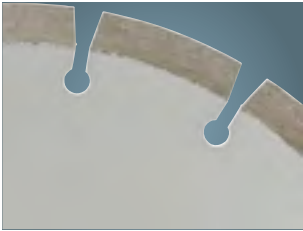


GOOD

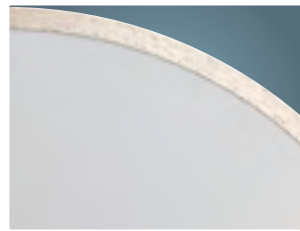
GENERAL INFORMATION

# CORE GEOMETRY

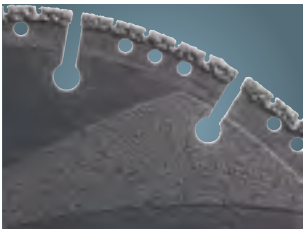
## CORE SHAPES



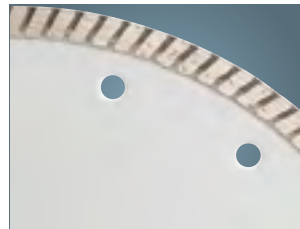
- Normal segmentation (C3)**
- Narrow slots with slot holes
  - Good heat resistance
  - Good material removal



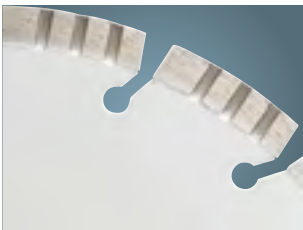
- Continuous cutting rim (GRF)**
- Smooth running
  - Clean cut edges



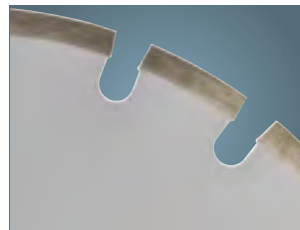
- Normal segmentation (C3), diamond brazed**
- Narrow slots with slot holes
  - Segments are coated with diamonds during vacuum-brazing process
  - Good material removal



- Continuous turbo cutting rim**
- Continuous cutting rim
  - Smooth running
  - Clean, break-out free cut



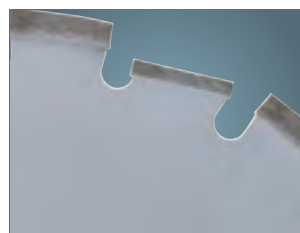
- Turbo segmentation (C3)**
- Narrow slots with slot holes
  - Fast, aggressive cutting
  - Longer service life



- 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

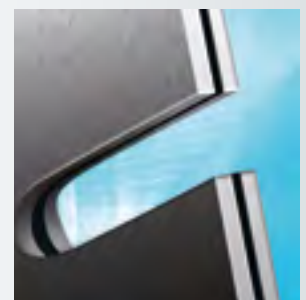


- Core guard segments (C1s)**
- Broad slots
  - Good material discharge
  - Oblique guard segments protect core against wear and premature loss of segments



### 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.



# DIAMOND CUTTING DISCS

## GENERAL INFORMATION

## DISC STRUCTURE

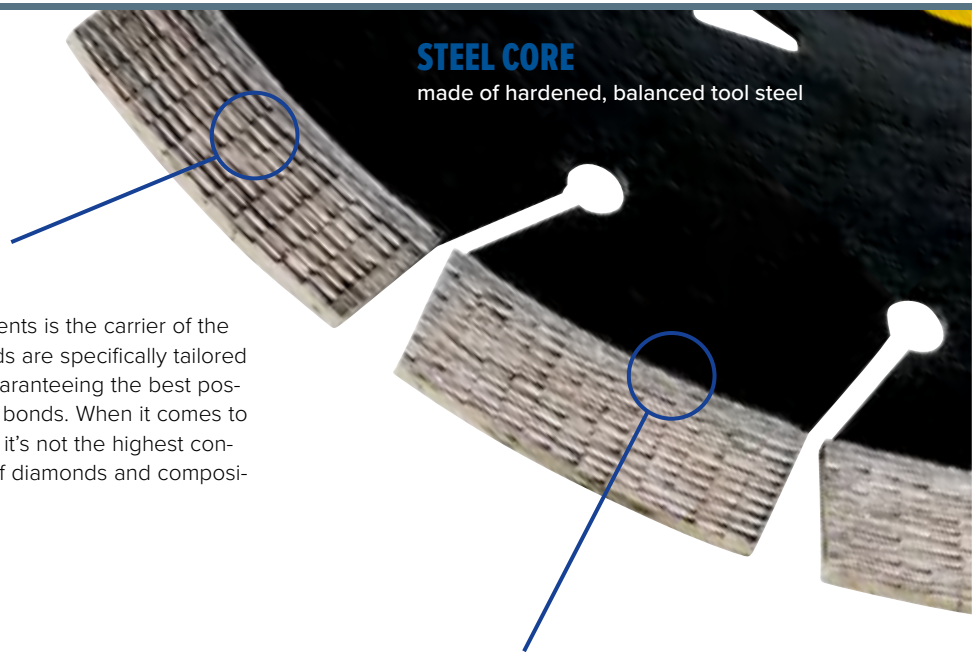
### DIAMOND SEGMENT

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



### 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.



#### Poor – Bond is subjected to excessive wear



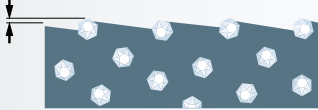
The diamonds separate prematurely, resulting in a shortened service life.

#### 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

DRONCO diamond cutting discs for dry cutting can be used for wet cutting as well without any issues.



## WET CUTTING BLADES

DRONCO diamond cutting discs for wet cutting may only be used on water-cooled equipment!



**GENERAL INFORMATION**

# 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 pagePage 266 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





# DIAMOND CUTTING DISCS



## 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

Blue



## ABRASIVE STONE

Red



APPLICATION TABLE

# APPLICATION TABLE DIAMOND CUTTING DISCS

	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.)
<b>UNIVERSAL / CONSTRUCTION SITE MATERIALS</b>																
ST-7 QUALITY	268				•		•									
U3 PERFECT	268				•		•									
U4 SUPERIOR	269		•		••	•	•	•			•					
U4 SPEED SUPERIOR	270		••	••	••	••	••	••	••	•	•	••				
DB4 SUPERIOR	270		••	••	••	••	••	••	••	••	•	••				
U4 PROTECT SUPERIOR	271		••	••	••	••	••	••	••		•	••				
U5 SPEED EVOLUTION	272	•	••	••	•••	•••	•••	•••	••		•	••		••		
U5 PROTECT EVOLUTION	273	•	••	••	•••	•••	•••	•••	••		•	••		•		
U7 SPEED XTREME	274	•	••	••	•••	•••	•••	•••	••		•	••		••		
<b>STONE SLABS / ROOFING TILES</b>																
S3 TURBO PERFECT	275				•		••		•				•		•	
S5 TURBO EVOLUTION	275				••		•••		•••				•	•	•	
S5 TURBO PROTECT EVOLUTION	276				••		•••		•••				•	•	•	
<b>TILES / STONWARE</b>																
F3 PERFECT	277								•						••	
F4 CERA SUPERIOR	278				•		•		•••				•••		•••	
F5 CERASPEED SUPERIOR	279				•		•		•••				•••		•••	
<b>CONCRETE</b>																
B4 SUPERIOR	280				••	••	••	••	•		•	••				
B5 EVOLUTION	281	•	••		•••	•••	•••	•••	•••		•	•••		•		
<b>GRANITE / HARD STONE / NATURAL STONE</b>																
G4 SUPERIOR	282		•••		•		•		••					•		
<b>ABRASIVE STONES / ASPHALT / MORTAR</b>																
A4 SUPERIOR	283	•••					•				•••	•		•		••
A4 ASPHALT SUPERIOR	284	•••					•				•••	•		•		••
A4 M SUPERIOR	284				•						••	•				

# DIAMOND CUTTING DISCS

	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
<b>UNIVERSAL / CONSTRUCTION SITE MATERIALS</b>																
ST-7 QUALITY	•				•	•					•					•
U3 PERFECT	•				•	•					•					•
U4 SUPERIOR	•	•	•		•	•				•	•	•		•	••	••
U4 SPEED SUPERIOR	•	•	•		•	•	•		•	•	•	•	•	•	••	••
DB4 SUPERIOR	•	•	•	•	•	•	•	•	•	•	•	•	••	•	••	••
U4 PROTECT SUPERIOR	•	•	•		•	•	•		•	•	•	•	•	•	••	••
U5 SPEED EVOLUTION	••	••	••		••	••	•••	•	•••	••	•	•	••	•••	•••	•••
U5 PROTECT EVOLUTION	••	••	••		••	••	•••	•	•••	••	•	•	••	•••	•••	•••
U7 SPEED XTREME	••	••	••		••	••	•••	•	•••	••	•	•	••	•••	•••	•••
<b>STONE SLABS / ROOFING TILES</b>																
S3 TURBO PERFECT		•	•		•	•	•	•		•	•	•		•	•	•
S5 TURBO EVOLUTION		••	••		•	•	•	•		•	•	•		••	•	••
S5 TURBO PROTECT EVOLUTION		••	••		•	•	•	•		•	•	•		••	•	••
<b>TILES / STONEWARE</b>																
F3 PERFECT																
F4 CERA SUPERIOR		•	•							•				•		
F5 CERASPEED SUPERIOR		••	••							•				••		
<b>CONCRETE</b>																
B4 SUPERIOR	•					•	•		•					••	••	••
B5 EVOLUTION	••	•	•		••	••	••		••	••	•	••		•••	•••	•••
<b>GRANITE / HARD STONE / NATURAL STONE</b>																
G4 SUPERIOR		•••	•••		•	••	••	••	•	••	•	••		••	•	
<b>ABRASIVE STONES / ASPHALT</b>																
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.

**DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS**



**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2 x 22.23	4 1/2 x 5/64 x 7/8	13280	9	7	C3	1	<b>4110 485 100</b>	412406
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	9	7	C3	1	<b>4120 485 100</b>	422405
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	14	7	C3	1	<b>4180 485 100</b>	442403
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	18	7	C3	1	<b>4230 485 100</b>	452402



**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2 x 22.23	4.5 x 5/64 x 7/8	13280	8	10	C3	1	<b>4113 810 100</b>	040012
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	9	10	C3	1	<b>4123 810 100</b>	040029
180 x 2.4 x 22.23	7 x 3/32 x 7/8	8600	13	10	C3	1	<b>4183 810 100</b>	040036
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6600	16	10	C3	1	<b>4233 810 100</b>	040043
300 x 3 x 20	12 x 7/64 x 3/4	6400	22	10	C3	1	<b>4303 805 100</b>	040050
300 x 3 x 22.23	12 x 7/64 x 7/8	6400	22	10	C3	1	<b>4303 810 100</b>	040067
300 x 3 x 25.4	12 x 7/64 x 1	6400	22	10	C3	1	<b>4303 815 100</b>	040074
350 x 3.2 x 25.4	14 x 7/64 x 1	5500	20	10	C3	1	<b>4353 815 100</b>	040081

# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS




### 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	9	10	C3	1	<b>4114 185 100</b>	040098
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	10	10	C3	1	<b>4124 185 100</b>	040104
150 x 2.4 x 22.23	6 x 3/32 x 7/8	10200	12	10	C3	1	<b>4154 185 100</b>	040111
180 x 2.4 x 22.23	7 x 3/32 x 7/8	8600	14	10	C3	1	<b>4184 185 100</b>	040128
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	16	10	C3	1	<b>4234 185 100</b>	040135
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	1	<b>4304 180 100</b>	040142
300 x 2.8 x 22.23	12 x 7/64 x 7/8	6400	16	10	C3	1	<b>4304 182 100</b>	040159
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	16	10	C3	1	<b>4304 190 100</b>	040166
300 x 2.8 x 30	12 x 7/64 x 1 1/5	6400	16	10	C3	1	<b>4304 192 100</b>	041491
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	1	<b>4354 180 100</b>	040173
350 x 2.8 x 22.23	14 x 7/64 x 7/8	5500	19	10	C3	1	<b>4354 185 100</b>	040180
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	19	10	C3	1	<b>4354 190 100</b>	040197
350 x 2.8 x 30	14 x 7/64 x 1 1/5	5500	19	10	C3	1	<b>4354 195 100</b>	040203
400 x 3.2 x 25.4	16 x 7/64 x 1	4780	28	10	C3	1	<b>4404 190 100</b>	040210
450 x 3.6 x 25.4	18 x 1/8 x 1	4250	32	10	C3	1	<b>4454 190 100</b>	040227

**DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS**



**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	9	10	C3	1	<b>4114 521 100</b>	040234
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	10	10	C3	1	<b>4124 521 100</b>	040241
180 x 2.4 x 22.23	7 x 3/32 x 7/8	8600	14	10	C3	1	<b>4184 521 100</b>	040258
230 x 2.6 x 22.23	9 x 7/64 x 7/8	6600	15	10	C3	1	<b>4234 521 100</b>	040265
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	10	C3	1	<b>4304 521 100</b>	040272
300 x 3 x 25.4	12 x 7/64 x 1	6400	20	10	C3	1	<b>4304 525 100</b>	040289
350 x 3 x 25.4	14 x 7/64 x 1	5500	23	10	C3	1	<b>4354 525 100</b>	040296



**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 (Ø 115 / 125 mm)

Ø in mm	Ø in inches	RPM min <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.4 x 22.23	4.5 x 3/32 x 7/8	13280	9	6	C3	1	<b>4114 208 100</b>	040302
125 x 2.4 x 22.23	5 x 3/32 x 7/8	12200	10	6	C3	1	<b>4124 208 100</b>	040319
180 x 2.6 x 22.23	7 x 7/64 x 7/8	8600	14	7	C3	1	<b>4184 208 100</b>	040326
230 x 2.6 x 22.23	9 x 7/64 x 7/8	6600	16	8	C3	1	<b>4234 208 100</b>	040333
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	8	C3	1	<b>4304 207 100</b>	040340
350 x 3.4 x 20	14 x 1/8 x 3/4	5500	24	8	C3	1	<b>4354 207 100</b>	040357

# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS



### 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	9	10	C3	1	<b>4114 234 100</b>	040364
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	10	10	C3	1	<b>4124 234 100</b>	040371
230 x 2.6 x 22.23	9 x 7/64 x 7/8	6600	16	10	C3	1	<b>4234 234 100</b>	040388
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	20	10	C3	1	<b>4304 232 100</b>	040395
300 x 2.8 x 22.23	12 x 7/64 x 7/8	6400	20	10	C3	1	<b>4304 234 100</b>	040401
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	20	10	C3	1	<b>4304 236 100</b>	040418

**DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS**




**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	8	12	C3	1	<b>4115 386 100</b>	040654
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	9	12	C3	1	<b>4125 386 100</b>	040661
180 x 2.4 x 22.23	7 x 3/32 x 7/8	8600	12	12	C3	1	<b>4185 386 100</b>	040678
230 x 2.6 x 22.23	9 x 7/64 x 7/8	6600	16	15	C3	1	<b>4235 386 100</b>	040685
300 x 3.2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	1	<b>4305 657 100</b>	040692
300 x 3.2 x 25.4	12 x 7/64 x 1	6400	21	15	C3	1	<b>4305 667 100</b>	040708
350 x 3.2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	1	<b>4355 657 100</b>	040715
350 x 3.2 x 22.23	14 x 7/64 x 7/8	5500	25	15	C3	1	<b>4355 662 100</b>	040722
350 x 3.2 x 25.4	14 x 7/64 x 1	5500	25	15	C3	1	<b>4355 667 100</b>	040739



# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS



### 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
230 x 2.8 x 22.23	9 x 7/64 x 7/8	6600	16	10	C3	1	<b>4235 613 100</b>	040746
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	20	12	C3	1	<b>4305 603 100</b>	040753
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	20	12	C3	1	<b>4305 624 100</b>	040760
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	24	12	C3	1	<b>4355 603 100</b>	040777
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	24	12	C3	1	<b>4355 624 100</b>	040784



#### 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.

**DIAMOND CUTTING DISCS, UNIVERSAL | CONSTRUCTION SITE MATERIALS**




**U7 SPEED**  
**EXTREME** ★★★★★★

**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	9	12	C3	1	<b>4117 135 100</b>	040562
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	9	12	C3	1	<b>4127 135 100</b>	040579
180 x 2.4 x 22.23	7 x 3/32 x 7/8	8600	12	12	C3	1	<b>4187 135 100</b>	040586
230 x 2.6 x 22.23	9 x 7/64 x 7/8	6600	16	15	C3	1	<b>4237 135 100</b>	040593
300 x 3.2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	1	<b>4307 134 100</b>	040609
300 x 3.2 x 25.4	12 x 7/64 x 1	6400	21	15	C3	1	<b>4307 136 100</b>	040616
350 x 3.2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	1	<b>4357 134 100</b>	040623
350 x 3.2 x 22.23	14 x 7/64 x 7/8	5500	25	15	C3	1	<b>4357 135 100</b>	040630
350 x 3.2 x 25.4	14 x 7/64 x 1	5500	25	15	C3	1	<b>4357 136 100</b>	040647



# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS FOR STONE SLABS | ROOFING TILES



### 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.

Ø in mm	Ø in inches	RPM min <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.1 x 22.23	4.5 x 5/64 x 7/8	13280	-	7	GR	1	<b>4113 460 100</b>	040791
125 x 2.1 x 22.23	5 x 5/64 x 7/8	12200	-	7	GR	1	<b>4123 460 100</b>	040807
180 x 2.6 x 22.23	7 x 7/64 x 7/8	8600	-	7	GR	1	<b>4183 460 100</b>	040814
230 x 2.8 x 22.23	9 x 7/64 x 7/8	6600	-	7	GR	1	<b>4233 460 100</b>	040821



### 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	-	9	GR	1	<b>4115 441 100</b>	040869
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	-	9	GR	1	<b>4125 441 100</b>	040876
180 x 2.5 x 22.23	7 x 3/32 x 7/8	8600	-	9	GR	1	<b>4185 441 100</b>	040883
230 x 2.5 x 22.23	9 x 3/32 x 7/8	6600	-	9	GR	1	<b>4235 441 100</b>	040890

**DIAMOND CUTTING DISCS FOR STONE SLABS | ROOFING TILES**



**STONE SLABS**

**S5 TURBO PROTECT**  
**EVOLUTION** ★★★★★

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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	-	7	GR	1	<b>4115 466 100</b>	040838
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	-	7	GR	1	<b>4125 466 100</b>	040845
230 x 2.8 x 22.23	9 x 7/64 x 7/8	6600	-	7	GR	1	<b>4235 466 100</b>	040852

# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS FOR TILES



**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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
100 x 1.8 x 16	4 x 5/64 x 5/8	15300	-	5	GR	1	<b>4103 500 100</b>	040906
110 x 1.9 x 22.23	4.5 x 5/64 x 7/8	13900	-	5	GR	1	<b>4113 509 100</b>	040913
115 x 1.9 x 22.23	4.5 x 5/64 x 7/8	13280	-	5	GR	1	<b>4113 510 100</b>	040920
125 x 1.9 x 22.23	5 x 5/64 x 7/8	12200	-	5	GR	1	<b>4123 510 100</b>	040937
150 x 2.1 x 22.23	6 x 5/64 x 7/8	10200	-	5	GR	1	<b>4153 510 100</b>	040944
150 x 2.1 x 25.4	6 x 5/64 x 1	10200	-	5	GR	1	<b>4153 515 100</b>	040951
180 x 2.3 x 22.23	7 x 3/32 x 7/8	8600	-	5	GR	1	<b>4183 510 100</b>	040968
180 x 2.3 x 25.4	7 x 3/32 x 1	8600	-	5	GR	1	<b>4183 515 100</b>	040975
200 x 2.4 x 22.23	8 x 3/32 x 7/8	7600	-	5	GR	1	<b>4203 510 100</b>	040982
200 x 2.5 x 25.4	8 x 3/32 x 1	7600	-	5	GR	1	<b>4203 515 100</b>	040999
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	-	5	GR	1	<b>4233 510 100</b>	041002
250 x 2.4 x 25.4	10 x 3/32 x 1	6100	-	5	GR	1	<b>4253 515 100</b>	041019

**DIAMOND CUTTING DISCS FOR TILES | STONWARE**




**F4 CERA**  
**SUPERIOR** ★★★★★

**STONWARE**

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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 1.4 x 22.23	4.5 x 1/8 x 7/8	13280	-	7.5	GR	1	<b>4114 512 100</b>	041026
125 x 1.4 x 22.23	5 x 1/8 x 7/8	12200	-	7.5	GR	1	<b>4124 512 100</b>	041033
150 x 2 x 25.4	6 x 5/64 x 1	10200	-	7.5	GR	1	<b>4154 517 100</b>	041040
180 x 2 x 22.23	7 x 5/64 x 7/8	8600	-	7.5	GR	1	<b>4184 512 100</b>	041057
180 x 2 x 25.4	7 x 5/64 x 1	8600	-	7.5	GR	1	<b>4184 517 100</b>	041064
200 x 2 x 22.23	8 x 5/64 x 7/8	7600	-	7.5	GR	1	<b>4204 512 100</b>	041071
200 x 2 x 25.4	8 x 5/64 x 1	7600	-	7.5	GR	1	<b>4204 517 100</b>	041088
230 x 2 x 22.23	9 x 5/64 x 7/8	6600	-	7.5	GR	1	<b>4234 512 100</b>	041095
250 x 2 x 25.4	10 x 5/64 x 1	6100	-	7.5	GR	1	<b>4254 517 100</b>	041101
300 x 2 x 25.4	12 x 5/64 x 1	6400	-	7.5	GR	1	<b>4304 517 100</b>	041118
300 x 2 x 30	12 x 5/64 x 1 1/5	6400	-	7.5	GR	1	<b>4304 518 100</b>	041507
350 x 2 x 25.4	14 x 5/64 x 1	5500	-	7.5	GR	1	<b>4354 517 100</b>	041125
350 x 2 x 30	14 x 5/64 x 1 1/5	5500	-	7.5	GR	1	<b>4354 518 100</b>	041514

# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS FOR TILES | STONEWARE



Suitable for battery-powered angle grinders


### F5 CERA SPEED EVOLUTION ★★★★★

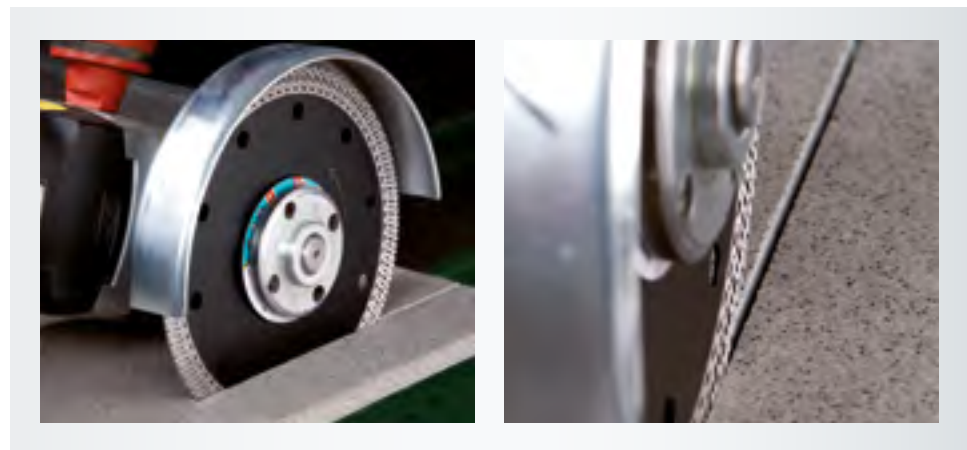
STONEWARE

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.

Ø in mm	Ø in inches	RPM min <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 1.2 x 22.23	4.5 x 3/64 x 7/8	13280	-	10	GR	1	<b>4115 514 100</b>	041132
125 x 1.2 x 22.23	5 x 3/64 x 7/8	12200	-	10	GR	1	<b>4125 514 100</b>	041149



## 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2 x 22.23	4.5 x 5/64 x 7/8	13280	9	10	C3	1	<b>4114 110 100</b>	041156
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	10	10	C3	1	<b>4124 110 100</b>	041163
150 x 2.2 x 22.23	6 x 3/32 x 7/8	10200	12	10	C3	1	<b>4154 110 100</b>	041170
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	14	10	C3	1	<b>4184 110 100</b>	041187
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	16	10	C3	1	<b>4234 110 100</b>	041194
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	1	<b>4304 105 100</b>	041200
300 x 2.8 x 22.23	12 x 7/64 x 7/8	6400	16	10	C3	1	<b>4304 110 100</b>	041217
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	16	10	C3	1	<b>4304 115 100</b>	041224
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	1	<b>4354 105 100</b>	041231
350 x 2.8 x 22.23	14 x 7/64 x 7/8	5500	19	10	C3	1	<b>4354 110 100</b>	041248
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	19	10	C3	1	<b>4354 115 100</b>	041255
400 x 3.2 x 25.4	16 x 7/64 x 1	4780	28	10	C3	1	<b>4404 116 100</b>	041262



# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS FOR CONCRETE



### 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2 x 22.23	4.5 x 5/64 x 7/8	13280	8	10	C3	1	<b>4115 611 100</b>	040425
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	9	10	C3	1	<b>4125 611 100</b>	040432
150 x 2.2 x 22.23	6 x 3/32 x 7/8	10200	10	10	C3	1	<b>4155 611 100</b>	040449
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	12	10	C3	1	<b>4185 611 100</b>	040456
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	15	12	C3	1	<b>4235 611 100</b>	040463
250 x 2.6 x 25.4	10 x 7/64 x 1	6100	18	12	C3	1	<b>4255 616 100</b>	040470
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	18	12	C3	1	<b>4305 606 100</b>	040487
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	18	12	C3	1	<b>4305 616 100</b>	040494
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	21	12	C3	1	<b>4355 606 100</b>	040500
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	21	12	C3	1	<b>4355 616 100</b>	040517
400 x 3.5 x 25.4	16 x 1/8 x 1	4780	28	12	C3	1	<b>4405 616 100</b>	040524
450 x 3.5 x 25.4	18 x 1/8 x 1	4250	32	12	C3	1	<b>4455 616 100</b>	040531
500 x 4 x 25.4	20 x 5/32 x 1	3800	36	12	C3	1	<b>4505 616 100</b>	040548
600 x 4 x 25.4	24 x 5/32 x 1	3170	42	12	C3	1	<b>4605 616 100</b>	040555

**DIAMOND CUTTING DISCS FOR GRANITE | HARD STONE | 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2 x 22.23	4.5 x 5/64 x 7/8	13280	8	10	C3	1	<b>4114 010 100</b>	041408
125 x 2 x 22.23	5 x 5/64 x 7/8	12200	9	10	C3	1	<b>4124 010 100</b>	041415
150 x 2.2 x 22.23	6 x 3/32 x 7/8	10200	12	10	C3	1	<b>4154 010 100</b>	041422
180 x 2.2 x 22.23	7 x 3/32 x 7/8	8600	14	10	C3	1	<b>4184 010 100</b>	041439
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	15	12	C3	1	<b>4234 010 100</b>	041446
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	21	12	C3	1	<b>4304 015 100</b>	041453
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	25	12	C3	1	<b>4354 005 100</b>	041460
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	25	12	C3	1	<b>4354 015 100</b>	041477
400 x 3.2 x 25.4	16 x 7/64 x 1	4780	28	12	C3	1	<b>4404 015 100</b>	041484

# DIAMOND CUTTING DISCS

## DIAMOND CUTTING DISCS FOR ABRASIVE STONES




### A4 SUPERIOR ★★★★★

### ABRASIVE MATERIALS

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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 2.2 x 22.23	4.5 x 3/32 x 7/8	13280	9	7	C3	1	<b>4114 215 100</b>	041279
125 x 2.2 x 22.23	5 x 3/32 x 7/8	12200	10	7	C3	1	<b>4124 215 100</b>	041286
230 x 2.4 x 22.23	9 x 3/32 x 7/8	6600	16	7	C3	1	<b>4234 215 100</b>	041293
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	16	7	C3	1	<b>4304 225 100</b>	462159
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	19	7	C3	1	<b>4354 227 100</b>	472158

## DIAMOND CUTTING DISCS FOR ABRASIVE STONE | 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
300 x 2.8 x 20	12 x 7/64 x 3/4	6400	18	10	C1S	1	<b>4304 920 100</b>	041309
300 x 2.8 x 25.4	12 x 7/64 x 1	6400	18	10	C1S	1	<b>4304 930 100</b>	041316
350 x 2.8 x 20	14 x 7/64 x 3/4	5500	21	10	C1S	1	<b>4354 920 100</b>	041323
350 x 2.8 x 25.4	14 x 7/64 x 1	5500	21	10	C1S	1	<b>4354 930 100</b>	041330
400 x 3.2 x 25.4	16 x 7/64 x 1	4780	24	10	C1S	1	<b>4404 930 100</b>	041347
450 x 3.8 x 25.4	18 x 9/64 x 1	4250	27	10	C1S	1	<b>4454 930 100</b>	041354
500 x 3.8 x 25.4	20 x 9/64 x 1	3800	30	10	C1S	1	<b>4504 930 100</b>	041361
600 x 3.8 x 25.4	24 x 9/64 x 1	3170	36	12	C1S	1	<b>4604 930 100</b>	041378

## 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 <sup>-1</sup>	No. of segments	Segment height mm	Shape		Item code	EAN 4081600
115 x 6.4 x 22.23	4.5 x 1/4 x 7/8	13280	9	7	C3	1	<b>4114 464 100</b>	041385
125 x 6.4 x 22.23	5 x 1/4 x 7/8	12200	10	7	C3	1	<b>4124 464 100</b>	041392

## **DIAMOND TOOLS**

---

**DIAMOND TILE DRILLS  
FOR DRILLING MACHINES 286**

**DIAMOND DRY DRILLS  
FOR ANGLE GRINDERS 288**

**DIAMOND CORE BITS  
FOR DRILLING MACHINES 290**

**DIAMOND CUP GRINDERS  
FOR ANGLE GRINDERS 291**



## DIAMOND TILE DRILLS FOR DRILLING MACHINES



**CERA  
DRILL**

### CERADRILL FOR DRILLING MACHINES


#### EVOLUTION ★★★★★

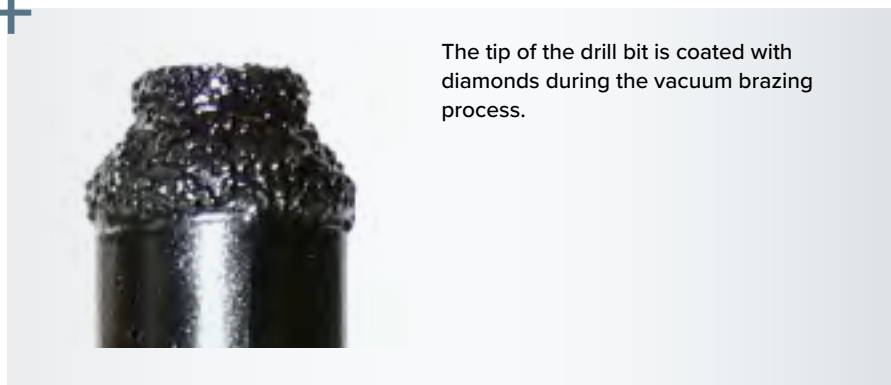
DRONCO CeraDrill is an innovative, particularly powerful drill with a vacuum-brazed diamond coating for maximum drilling performance. It is used where conventional carbide and diamond tile drills reach their limits.

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]		Item code	€/piece	EAN 4081600
5 x 12 x 35	1	<b>4000 601 100</b>		400809
6 x 12 x 35	1	<b>4000 602 100</b>		400816
8 x 12 x 35	1	<b>4000 604 100</b>		400830
10 x 12 x 35	1	<b>4000 605 100</b>		400847
12 x 12 x 35	1	<b>4000 606 100</b>		400854
14 x 12 x 35	1	<b>4000 607 100</b>		400861
Separate drilling aid	1	<b>4001 100 100</b>		400939



The tip of the drill bit is coated with diamonds during the vacuum brazing process.

# DIAMOND TOOLS

## SET OF DIAMOND TILE DRILL BITS FOR DRILLING MACHINES



**CERA  
DRILL**

### 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		Item code	€/piece	EAN 4081600
Ø 5, 6, 8, 10, 12 mm	1	<b>4000 600 100</b>		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



**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 <sup>-1</sup>	Item code	€/piece	EAN 4081600
20 mm	60 mm	40 mm	M14	11000	<b>4000 610 100</b>		401004
27 mm	60 mm	40 mm	M14	11000	<b>4000 611 100</b>		401011
35 mm	60 mm	40 mm	M14	11000	<b>4000 612 100</b>		401028
40 mm	60 mm	40 mm	M14	11000	<b>4000 613 100</b>		401035
45 mm	60 mm	40 mm	M14	11000	<b>4000 614 100</b>		401042
50 mm	60 mm	40 mm	M14	11000	<b>4000 615 100</b>		401059
60 mm	60 mm	40 mm	M14	11000	<b>4000 616 100</b>		401066
65 mm	60 mm	40 mm	M14	11000	<b>4000 617 100</b>		401073
70 mm	60 mm	40 mm	M14	11000	<b>4000 618 100</b>		401080
75 mm	60 mm	40 mm	M14	11000	<b>4000 619 100</b>		401097
80 mm	60 mm	40 mm	M14	11000	<b>4000 620 100</b>		401103
85 mm	60 mm	40 mm	M14	11000	<b>4000 621 100</b>		401110



**SAFETY TIP – MAX. RPM OF 11,000**

We recommend using the drill on an angle grinder for 125-mm discs.



# DIAMOND TOOLS

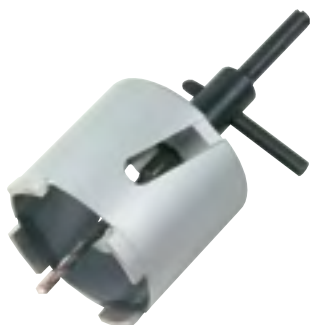
## DIAMOND DRY DRILLS FOR ANGLE GRINDERS



### PROPER PREPARATION AND APPLICATION



## 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		Item code	€/piece	EAN 4081600
Core bit, Ø 68 mm	1	<b>4000 368 100</b>		400137
Core bit, Ø 82 mm	1	<b>4000 382 100</b>		400236
Centre bit	1	<b>4000 478 100</b>		400304
6-point connection	1	<b>4000 568 100</b>		400359
SDS connection	1	<b>4000 668 100</b>		400403
Complete SDS part, Ø 68 mm	1	<b>4000 268 100</b>		400120
Complete SDS part, Ø 82 mm	1	<b>4000 282 100</b>		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).

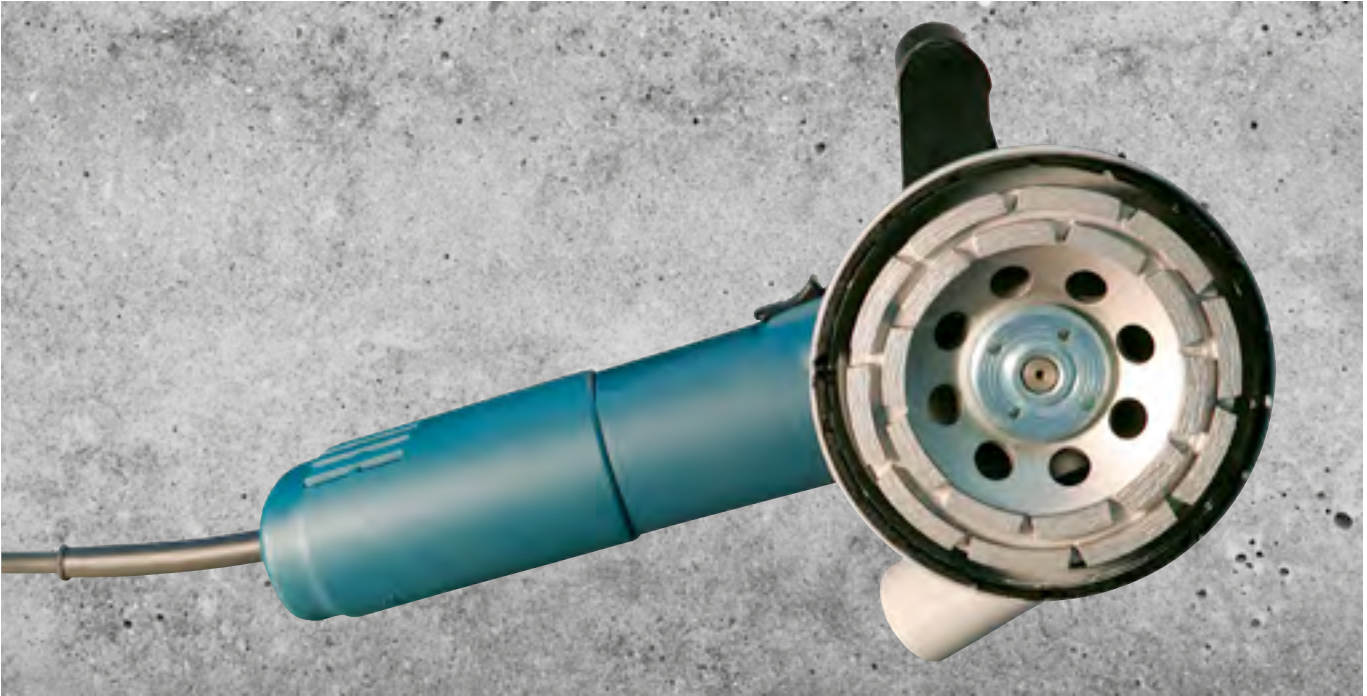
- Very good service life
- Rapid drilling progress
- 62 mm drilling depth
- Adapter in core drill = M16

Field of application: For dry drilling in sand-lime brick, sandstone, brick and masonry.

Designation		Item code	€/piece	EAN 4081600
Core bit, Ø 68 mm	1	<b>4010 010 100</b>		400519
Core bit, Ø 82 mm	1	<b>4010 050 100</b>		400502
Centre bit	1	<b>4000 478 100</b>		400304
6-point connection	1	<b>4000 568 100</b>		400359
SDS connection	1	<b>4000 668 100</b>		400403
Complete SDS part, Ø 68 mm	1	<b>4000 269 100</b>		400151
Complete SDS part, Ø 82 mm	1	<b>4000 283 100</b>		400168

# DIAMOND TOOLS

## DIAMOND CUP GRINDERS



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

	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	●	●	●	●●	●●	●●

- very suitable
- suitable
- limited suitability

#### 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.

## 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 18 x 22.23	4 1/2 x 45/64 x 7/8	13280	8	Single row	1	<b>4116 033 100</b>		411027
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	7	Single row	1	<b>4126 033 100</b>		421026
180 x 18 x 22.23	7 x 45/64 x 7/8	8600	14	Single row	1	<b>4186 033 100</b>		441024




### 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 18 x 22.23	4 1/2 x 45/64 x 7/8	13280	8	Single row	1	<b>4116 032 100</b>		411010
115 x 18 x 22.23	4 1/2 x 45/64 x 7/8	13280	16	Double row	1	<b>4116 037 100</b>		411041
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	7	Single row	1	<b>4126 032 100</b>		421019
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	14	Double row	1	<b>4126 037 100</b>		421040
180 x 18 x 22.23	7 x 45/64 x 7/8	8600	28	Double row	1	<b>4186 037 100</b>		441048

# DIAMOND TOOLS

## DIAMOND CUP GRINDERS




### 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 18 x 22.23	4 1/2 x 45/64 x 7/8	13280	16	Double row	1	<b>4116 036 100</b>		411034
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	7	Single row	1	<b>4126 031 100</b>		421002
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	14	Double row	1	<b>4126 036 100</b>		421033
180 x 18 x 22.23	7 x 45/64 x 7/8	8600	28	Double row	1	<b>4186 036 100</b>		441031




### 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	–	Turbo	1	<b>4116 041 100</b>		411065
125 x 22.23	5 x 7/8	12200	–	Turbo	1	<b>4126 041 100</b>		420593



#### 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.

## 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 18 x 22.23	4 1/2 x 45/64 x 7/8	13280	9	Radial	1	<b>4116 042 100</b>		410488
125 x 18 x 22.23	5 x 45/64 x 7/8	12200	9	Radial	1	<b>4126 042 100</b>		420463

\* 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 <sup>-1</sup>	No. of segments	Segment shape		Item code	€/piece	EAN 4081600
115 x 22.23	4 1/2 x 7/8	13280	8	T-segment	1	<b>4116 064 100</b>		412376
125 x 22.23	5 x 7/8	12200	8	T-segment	1	<b>4126 064 100</b>		422375

## PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
0001-102 006	204	0002-501 143	139	0002-505 161	139	0002-509 343	149	0002-611 131	108	0002-808 138	232
0001-102 016	204	0002-501 143	161	0002-505 161	161	0002-509 343	171	0002-611 151	108	0002-808 140	232
0001-102 095	204	0002-502 132	139	0002-505 162	139	0002-509 344	149	0002-613 141	117	0002-808 144	232
0001-104 924	204	0002-502 132	161	0002-505 162	161	0002-509 344	171	0002-613 142	117	0002-808 150	232
0001-110 114	206	0002-502 141	139	0002-505 332	140	0002-509 348	192	0002-613 143	118	0002-808 163	233
0001-120 097	206	0002-502 141	161	0002-505 332	162	0002-509 362	149	0002-613 144	118	0002-808 175	233
0001-122 096	206	0002-502 142	139	0002-505 341	140	0002-509 362	171	0002-613 145	118	0002-812 215	232
0001-150 592	198	0002-502 142	161	0002-505 341	162	0002-509 363	149	0002-613 146	118	0002-812 218	232
0001-150 593	198	0002-502 143	139	0002-505 342	140	0002-509 363	171	0002-613 161	117	0002-812 220	232
0001-150 594	198	0002-502 143	161	0002-505 342	162	0002-509 364	149	0002-613 162	117	0002-815 212	232
0001-150 595	198	0002-502 332	140	0002-505 343	140	0002-509 364	171	0002-613 163	118	0002-815 214	232
0001-151 132	198	0002-502 332	162	0002-505 343	162	0002-509 448	192	0002-613 164	118	0002-816 215	241
0001-151 133	198	0002-502 333	140	0002-505 361	140	0002-509 478	192	0002-613 165	118	0002-816 218	241
0001-151 134	198	0002-502 333	162	0002-505 361	162	0002-509 498	192	0002-613 166	118	0002-816 220	241
0001-151 135	198	0002-502 341	140	0002-505 362	140	0002-509 562	149	0002-613 193	118	0002-816 225	241
0001-151 136	198	0002-502 341	162	0002-505 362	162	0002-509 562	171	0002-613 194	118	0002-816 315	241
0001-151 332	198	0002-502 342	140	0002-505 363	140	0002-509 563	149	0002-613 195	118	0002-816 318	241
0001-151 333	198	0002-502 342	162	0002-505 363	162	0002-509 563	171	0002-613 196	118	0002-816 320	241
0001-151 334	198	0002-502 343	140	0002-505 542	140	0002-509 564	149	0002-613 361	117	0002-816 325	241
0001-151 335	198	0002-502 343	162	0002-505 542	162	0002-509 564	171	0002-613 362	117	0002-816 515	241
0001-151 392	198	0002-502 542	140	0002-506 132	139	0002-509 908	192	0002-613 363	118	0002-816 518	241
0001-151 393	198	0002-502 542	162	0002-506 132	161	0002-511 161	179	0002-613 364	118	0002-816 520	241
0001-151 394	198	0002-503 132	139	0002-506 141	139	0002-512 061	126	0002-613 365	118	0002-816 525	241
0001-151 395	198	0002-503 132	161	0002-506 141	161	0002-512 062	126	0002-621 131	108	0002-819 110	244
0001-152 022	198	0002-503 142	139	0002-506 142	139	0002-512 161	126	0002-621 151	108	0002-824 213	242
0001-152 023	198	0002-503 142	161	0002-506 142	161	0002-512 162	126	0002-621 351	108	0002-825 213	242
0001-152 024	198	0002-503 143	139	0002-506 161	139	0002-512 342	126	0002-622 131	124	0002-825 214	242
0001-152 025	198	0002-503 143	161	0002-506 161	161	0002-512 361	126	0002-622 151	124	0002-825 216	242
0001-152 132	198	0002-503 331	140	0002-506 162	139	0002-512 362	126	0002-622 331	124	0002-892 215	201
0001-152 133	198	0002-503 331	162	0002-506 162	161	0002-514 161	126	0002-622 351	124	0002-892 215	240
0001-152 134	198	0002-503 332	140	0002-506 332	140	0002-514 361	126	0002-623 131	124	0002-892 220	201
0001-152 135	198	0002-503 332	162	0002-506 332	162	0002-522 141	179	0002-623 151	124	0002-892 220	240
0001-152 332	198	0002-503 333	140	0002-506 341	140	0002-522 161	179	0002-626 061	111	0002-892 225	201
0001-152 333	198	0002-503 333	162	0002-506 341	162	0002-522 341	179	0002-626 251	111	0002-892 225	240
0001-152 334	198	0002-503 341	140	0002-506 342	140	0002-522 361	179	0002-626 311	111	0002-911 941	143
0001-152 335	198	0002-503 341	162	0002-506 342	162	0002-532 161	179	0002-626 650	111	0002-911 951	143
0001-158 522	198	0002-503 342	140	0002-506 343	140	0002-532 361	179	0002-626 651	111	0002-921 874	112
0001-158 523	198	0002-503 342	162	0002-506 343	162	0002-544 141	179	0002-630 304	168	0002-921 875	112
0001-158 524	198	0002-503 343	140	0002-506 361	140	0002-544 161	179	0002-630 305	168	0002-930 821	147
0001-158 525	198	0002-503 343	162	0002-506 361	162	0002-544 341	179	0002-630 310	168	0002-930 902	151
0001-179 097	203	0002-503 542	140	0002-506 362	140	0002-544 361	179	0002-630 311	168	0002-930 907	151
0001-179 297	203	0002-503 542	162	0002-506 362	162	0002-554 141	179	0002-630 316	168	0002-930 912	151
0001-261 173	203	0002-504 132	139	0002-506 363	140	0002-554 161	179	0002-630 317	168	0003-000 001	208
0001-401 912	155	0002-504 132	161	0002-506 363	162	0002-554 341	179	0002-630 328	168	0003-000 024	208
0001-432 603	197	0002-504 141	139	0002-506 542	140	0002-554 361	179	0002-630 334	168	0003-000 100	158
0001-432 604	197	0002-504 141	161	0002-506 542	162	0002-566 141	179	0002-630 335	168	0003-000 130	158
0001-432 613	197	0002-504 142	139	0002-507 142	139	0002-566 161	179	0002-630 340	168	0003-000 222	133
0001-432 614	197	0002-504 142	161	0002-507 142	161	0002-566 361	179	0002-630 341	168	0003-000 222	193
0001-432 623	197	0002-504 143	139	0002-507 162	139	0002-576 141	179	0002-631 131	108	0003-000 223	133
0001-432 624	197	0002-504 143	161	0002-507 162	161	0002-576 145	185	0002-631 151	108	0003-000 223	193
0002-056 011	236	0002-504 161	139	0002-507 342	140	0002-576 161	179	0002-631 331	108	0003-000 242	133
0002-056 012	236	0002-504 161	161	0002-507 342	162	0002-576 195	185	0002-631 351	108	0003-000 242	193
0002-056 013	236	0002-504 162	139	0002-507 362	140	0002-576 341	179	0002-632 131	124	0003-000 243	133
0002-056 014	236	0002-504 162	161	0002-507 362	162	0002-576 345	185	0002-632 151	124	0003-000 243	193
0002-056 015	236	0002-504 163	139	0002-507 542	140	0002-576 361	179	0002-632 331	124	0003-000 244	133
0002-056 016	236	0002-504 163	161	0002-507 542	162	0002-576 395	185	0002-632 351	124	0003-000 244	193
0002-056 017	236	0002-504 332	140	0002-509 142	149	0002-576 906	186	0002-641 131	108	0003-056 010	236
0002-056 018	236	0002-504 332	162	0002-509 142	171	0002-576 916	186	0002-641 151	108	0003-056 306	236
0002-056 311	236	0002-504 341	140	0002-509 143	149	0002-587 161	179	0002-641 181	108	0003-056 307	236
0002-056 312	236	0002-504 341	162	0002-509 143	171	0002-587 162	183	0002-641 351	108	0003-056 308	236
0002-056 313	236	0002-504 342	140	0002-509 144	149	0002-587 341	179	0002-653 131	108	0003-056 310	236
0002-056 314	236	0002-504 342	162	0002-509 144	171	0002-608 131	114	0002-653 151	108	0003-056 326	236
0002-056 315	236	0002-504 343	140	0002-509 162	149	0002-608 133	115	0002-653 181	108	0003-056 327	236
0002-056 316	236	0002-504 343	162	0002-509 162	171	0002-608 134	115	0002-653 351	108	0003-056 328	236
0002-056 317	236	0002-504 361	140	0002-509 163	149	0002-608 135	115	0002-664 131	177	0003-056 330	236
0002-056 318	236	0002-504 361	162	0002-509 163	171	0002-608 151	114	0002-664 151	177	0003-056 400	235
0002-056 331	236	0002-504 362	140	0002-509 164	149	0002-608 153	115	0002-664 152	177	0003-056 403	235
0002-056 332	236	0002-504 362	162	0002-509 164	171	0002-608 154	115	0002-664 181	177	0003-056 406	235
0002-056 333	236	0002-504 363	140	0002-509 165	171	0002-608 155	115	0002-676 131	177	0003-056 409	235
0002-056 334	236	0002-504 363	162	0002-509 167	171	0002-608 183	115	0002-676 151	177	0003-056 412	235
0002-056 335	236	0002-504 542	140	0002-509 192	149	0002-608 184	115	0002-676 181	177	0003-056 415	235
0002-056 336	236	0002-504 542	162	0002-509 192	171	0002-608 185	115	0002-686 131	177	0003-056 418	235
0002-056 337	236										



PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
0003-056 436	235	0003-816 304	241	0008-852 017	237	0063-406 040	166	0103-075 225	194	0182-600 891	148
0003-056 438	235	0003-816 305	241	0008-852 019	237	0063-406 050	166	0103-075 230	194	0182-600 991	148
0003-056 441	235	0003-816 306	241	0008-852 022	237	0063-408 040	166	0103-075 232	194	0183-003 010	165
0003-056 442	235	0003-816 308	241	0008-852 025	237	0063-408 050	166	0103-075 235	194	0183-003 015	165
0003-056 444	235	0003-816 310	241	0008-852 802	237	0063-410 100	190	0103-075 240	194	0183-004 015	165
0003-056 447	235	0003-816 312	241	0008-852 803	237	0063-410 100	224	0103-075 313	194	0183-004 020	165
0003-056 450	235	0003-816 504	241	0008-852 804	237	0074-509 301	173	0103-075 316	194	0183-005 015	165
0003-075 064	193	0003-816 505	241	0008-852 805	237	0083-003 010	164	0103-075 316	228	0183-005 020	165
0003-075 065	193	0003-816 506	241	0008-852 806	237	0083-003 015	164	0103-075 320	194	0183-005 030	165
0003-075 066	193	0003-816 508	241	0008-852 807	237	0083-004 015	164	0103-075 320	228	0183-006 020	165
0003-075 067	193	0003-816 510	241	0008-852 808	237	0083-004 020	164	0103-075 325	194	0183-006 030	165
0003-075 068	193	0003-816 512	241	0008-852 809	237	0083-004 030	164	0103-075 325	228	0183-006 040	165
0003-075 069	193	0003-816 804	241	0008-852 810	237	0083-005 015	164	0114-906 000	255	0183-006 050	165
0003-075 070	193	0003-816 805	241	0008-852 812	237	0083-005 020	164	0123-003 010	165	0183-008 030	165
0003-075 071	193	0003-816 806	241	0008-852 815	237	0083-005 030	164	0123-003 015	165	0183-008 040	165
0003-075 073	193	0003-816 808	241	0008-852 819	237	0083-006 020	164	0123-004 015	165	0183-008 050	165
0003-075 252	201	0003-816 810	241	0008-852 825	237	0083-006 030	164	0123-004 020	165	0183-310 100	191
0003-075 252	242	0003-816 812	241	0011-401 912	155	0083-006 030	222	0123-004 030	164	0183-310 100	225
0003-075 253	201	0003-816 815	241	0014-509 102	172	0083-006 040	164	0123-005 015	165	0202-611 131	138
0003-075 253	242	0003-816 818	241	0014-509 304	173	0083-006 050	164	0123-005 020	165	0202-611 131	160
0003-075 254	201	0003-816 820	241	0018-852 002	237	0083-008 030	164	0123-005 030	165	0202-611 151	138
0003-075 254	242	0003-816 825	241	0018-852 003	237	0083-008 040	164	0123-006 020	165	0202-611 151	160
0003-075 255	201	0003-999 027	208	0018-852 803	237	0083-008 050	164	0123-006 030	165	0202-611 351	138
0003-075 255	242	0004-000 127	158	0023-179 197	203	0083-010 100	190	0123-006 030	222	0202-611 351	160
0003-086 102	207	0004-102 925	205	0023-600 851	146	0083-010 100	224	0123-006 040	165	0214-906 000	255
0003-086 103	207	0004-401 052	154	0023-600 951	146	0083-304 020	167	0123-006 050	165	0224-509 101	173
0003-086 104	207	0004-401 132	154	0024-509 100	173	0083-304 030	167	0123-008 030	165	0224-906 000	255
0003-086 105	207	0004-401 942	155	0024-509 101	172	0083-305 030	167	0123-008 040	165	0243-003 010	165
0003-102 950	205	0004-509 302	173	0024-509 102	172	0083-305 040	167	0123-008 050	165	0243-003 015	165
0003-102 960	205	0004-906 954	256	0024-509 103	172	0083-306 030	167	0123-010 100	190	0243-004 015	165
0003-102 990	205	0004-906 955	256	0024-509 111	172	0083-306 030	223	0123-010 100	224	0243-004 020	165
0003-133 573	200	0004-906 962	256	0034-906 954	256	0083-306 050	167	0123-410 100	190	0243-005 015	165
0003-140 101	202	0004-906 963	256	0034-906 955	256	0083-308 050	167	0123-410 100	224	0243-005 020	165
0003-140 102	202	0008-432 573	200	0034-906 962	256	0083-310 100	191	0124-509 101	173	0243-005 030	165
0003-162 133	199	0008-447 573	196	0034-906 963	256	0083-310 100	225	0124-509 103	173	0243-006 020	165
0003-162 333	199	0008-447 574	196	0042-576 165	185	0083-404 020	166	0124-509 111	173	0243-006 030	165
0003-165 584	200	0008-451 333	196	0042-576 175	185	0083-404 030	166	0124-509 303	173	0243-006 040	165
0003-165 964	200	0008-451 334	196	0042-576 365	185	0083-405 020	166	0124-906 000	255	0243-006 050	165
0003-509 141	149	0008-462 091	196	0042-576 375	185	0083-405 030	166	0144-906 000	255	0243-008 030	165
0003-509 141	171	0008-462 133	196	0043-003 010	164	0083-405 040	166	0153-003 010	165	0243-008 040	165
0003-509 149	170	0008-462 134	196	0043-003 015	164	0083-406 030	166	0153-003 015	165	0243-008 050	165
0003-509 161	149	0008-462 291	196	0043-004 015	164	0083-406 040	166	0153-004 015	165	0243-304 020	167
0003-509 161	171	0008-462 391	196	0043-004 020	164	0083-406 040	223	0153-004 020	165	0243-304 030	167
0003-509 169	170	0008-462 591	196	0043-005 015	164	0083-406 050	166	0153-005 015	165	0243-305 030	167
0003-509 191	149	0008-493 100	201	0043-005 020	164	0083-408 040	166	0153-005 020	165	0243-305 040	167
0003-509 191	171	0008-493 100	242	0043-005 030	164	0083-408 050	166	0153-005 030	165	0243-306 030	167
0003-509 341	149	0008-509 161	150	0043-006 020	164	0083-410 100	190	0153-006 020	165	0243-306 030	223
0003-509 341	171	0008-509 162	150	0043-006 030	164	0083-410 100	224	0153-006 030	165	0243-306 050	167
0003-509 349	170	0008-509 163	150	0043-006 040	164	0088-600 221	141	0153-006 040	165	0243-308 050	167
0003-509 361	149	0008-509 164	150	0043-006 050	164	0088-600 521	141	0153-006 050	165	0244-906 000	255
0003-509 361	171	0008-509 363	150	0043-008 030	164	0102-512 161	126	0153-008 030	165	0254-906 000	255
0003-509 369	170	0008-600 221	141	0043-008 040	164	0102-512 162	126	0153-008 040	165	0264-906 000	255
0003-509 561	149	0008-600 221	141	0043-008 050	164	0102-512 342	126	0153-008 050	165	0274-906 000	255
0003-509 561	171	0008-600 361	146	0043-010 100	224	0102-512 362	126	0153-304 020	167	0281-307 095	202
0003-515 827	180	0008-600 411	141	0063-003 010	164	0102-608 131	114	0153-304 030	167	0283-310 100	191
0003-600 211	141	0008-600 421	141	0063-003 015	164	0102-608 151	114	0153-305 030	167	0283-310 100	225
0003-600 311	141	0008-600 422	141	0063-004 015	164	0102-608 331	114	0153-305 040	167	0323-304 020	167
0003-810 100	234	0008-600 432	141	0063-004 020	164	0102-608 351	114	0153-306 030	167	0323-304 030	167
0003-810 125	234	0008-600 511	141	0063-004 030	164	0102-613 141	117	0153-306 030	223	0323-305 030	167
0003-810 128	234	0008-600 521	141	0063-005 015	164	0102-613 142	117	0153-306 050	167	0323-305 040	167
0003-810 130	234	0008-600 522	141	0063-005 020	164	0102-613 161	117	0153-308 050	167	0323-306 030	167
0003-810 132	234	0008-600 531	141	0063-005 030	164	0102-613 162	117	0153-404 020	166	0323-306 050	167
0003-810 138	234	0008-600 811	146	0063-006 020	164	0102-622 131	124	0153-404 030	166	0323-308 050	167
0003-810 140	234	0008-600 821	146	0063-006 030	164	0102-622 151	124	0153-405 020	166	0402-631 131	108
0003-810 142	234	0008-600 832	146	0063-006 030	222	0102-622 331	124	0153-405 030	166	0402-631 151	108
0003-810 150	234	0008-600 911	146	0063-006 040	164	0102-622 351	124	0153-405 040	166	0402-631 331	108
0003-810 157	234	0008-600 921	146	0063-006 050	164	0103-075 021	194	0153-406 030	166	0402-631 351	108
0003-810 163	234	0008-852 002	237	0063-008 030	164	0103-075 027	194	0153-406 040	166	0442-514 361	126
0003-810 169	234	0008-852 003	237	0063-008 040	164	0103-075 028	194	0153-406 040	223	0442-608 351	114
0003-810 175	234	0008-852 004	237	0063-008 050	164	0103-075 048	194	0153-406 050	166	0442-608 353	115
0003-810 182	234	0008-852 005	237	0063-010 100	190	0103-075 048	228	0153-408 040	166	0442-608 354	115
0003-815 210	232	0008-852 006	237	0063-010 100	224	0103-075 050	194	0153-408 050	166	0442-613 361	117
0003-816 204	241	0008-852 007	237	0063-404 020	166	0103-075 050	228	0154-906 000	255	0442-613 362	117
0003-816 205	241	0008-852 008	237	0063-404 030	166	0103-075 051	228	0164-906 000	255	0442-613 363	118
0003-816 206	241	0008-852 009	237	0063-405 020	166	0103-075 210	194	0174-906 000	255	0442-613 364	118
0003-816 208	241	0008-852 010	237	0063-405 030	166	0103-075 213	194	0181-110 924	206	0442-613 365	118
0003-816 210	241	0008-852 012	237	0063-405 040	166	0103-075 216	194	0182-600 091	144	0442-622 351	124
0003-816 212	241	0008-852 015	237	0063-406 030	166	0103-075 220	194	0182-600 591	144	0442-632 351	124



## PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
<b>0802-600 491</b>	144	<b>1111 247 100</b>	30	<b>1183 150 100</b>	46	1402-631 131	108	<b>2350 040 100</b>	49	<b>3186 580 100</b>	70
<b>0802-600 591</b>	144	<b>1111 250 100</b>	33	<b>1183 250 100</b>	33	<b>1402-631 151</b>	108	<b>2350 220 100</b>	50	<b>3186 660 100</b>	72
<b>0802-600 891</b>	148	<b>1111 251 100</b>	34	<b>1183 251 100</b>	34	1402-631 331	108	<b>2350 920 100</b>	50	<b>3187 545 100</b>	65
<b>0802-600 991</b>	148	<b>1111 340 100</b>	36	<b>1183 270 100</b>	37	<b>1402-631 351</b>	108	<b>2351 320 100</b>	49	<b>3187 560 100</b>	68
0802-608 133	115	<b>1111 360 100</b>	32	<b>1183 340 100</b>	36	<b>1418-600 005</b>	156	<b>2351 340 100</b>	49	<b>3187 860 100</b>	69
0802-608 134	115	<b>1111 500 100</b>	31	<b>1183 360 100</b>	32	<b>1518-600 005</b>	157	2352-512 161	126	<b>3188 040 100</b>	63
0802-608 135	115	<b>1111 512 100</b>	35	<b>1183 906 100</b>	38	1601-604 914	250	2352-512 162	126	<b>3201-604 916</b>	250
0802-608 153	115	<b>1111 905 100</b>	39	<b>1183 940 100</b>	43	<b>1602-608 131</b>	114	2352-512 342	126	<b>3202-509 911</b>	152
0802-608 154	115	<b>1111 906 100</b>	38	<b>1185 015 100</b>	56	1602-608 151	114	2352-512 362	126	<b>3202-509 912</b>	152
0802-608 155	115	<b>1111 940 100</b>	43	<b>1186 015 100</b>	57	1602-608 331	114	2352-608 131	114	3202-509 913	152
0802-608 183	115	<b>1111 966 100</b>	44	<b>1187 015 100</b>	56	1602-613 142	117	2352-608 151	114	3202-509 914	152
0802-608 184	115	<b>1112 015 100</b>	40	1201-901 924	246	1602-613 161	117	2352-608 331	114	3211-604 916	250
0802-608 185	115	<b>1113 055 100</b>	42	<b>1202-509 912</b>	152	1602-613 162	117	2352-608 351	114	<b>3221-604 914</b>	250
0802-613 142	117	<b>1113 060 100</b>	42	<b>1202-509 913</b>	152	1602-613 361	117	2352-622 151	124	3231-604 916	250
0802-613 143	118	<b>1113 115 100</b>	41	1202-509 914	152	1602-613 362	117	2352-622 351	124	<b>3236 041 100</b>	63
0802-613 144	118	<b>1113 270 100</b>	37	1202-631 131	110	1602-622 151	124	<b>2400 020 100</b>	49	<b>3236 500 100</b>	63
0802-613 146	118	<b>1113 906 100</b>	38	1202-631 151	110	1602-632 151	124	<b>2400 050 100</b>	49	<b>3236 520 100</b>	64
0802-613 162	117	<b>1113 940 100</b>	43	1202-653 131	110	<b>1802-509 911</b>	152	<b>2400 220 100</b>	50	<b>3236 540 100</b>	65
0802-613 163	118	<b>1113 966 100</b>	44	1202-653 151	110	<b>1802-509 912</b>	152	<b>2401-604 919</b>	250	<b>3236 550 100</b>	66
0802-613 164	118	<b>1115 000 100</b>	55	<b>1203-600 000</b>	221	<b>1802-509 913</b>	152	2401-901 924	246	<b>3236 560 100</b>	66
0802-613 165	118	<b>1115 015 100</b>	56	<b>1203-600 001</b>	212	<b>1802-509 914</b>	152	2401-901 926	246	<b>3236 580 100</b>	70
0802-613 166	118	<b>1116 015 100</b>	57	<b>1203-600 002</b>	211	<b>1802-607 914</b>	121	<b>2401-902 924</b>	246	<b>3236 660 100</b>	72
0802-613 194	118	<b>1117 015 100</b>	56	<b>1212-631 131</b>	110	<b>1802-608 914</b>	121	2401-902 926	246	<b>3237 545 100</b>	65
0802-613 195	118	<b>1118 015 100</b>	57	<b>1212-631 151</b>	110	<b>1812-509 913</b>	153	<b>2812-522 051</b>	113	<b>3237 561 100</b>	68
0802-613 196	118	<b>1120 015 100</b>	40	<b>1224-509 101</b>	172	<b>1911 150 100</b>	46	<b>2902-632 151</b>	124	<b>3237 860 100</b>	69
0802-613 362	117	<b>1120 240 100</b>	27	<b>1230 015 100</b>	40	<b>1911 240 100</b>	28	<b>2906-026 501</b>	111	<b>3238 040 100</b>	63
0802-613 363	118	<b>1120 250 100</b>	33	<b>1231 055 100</b>	42	<b>1911 246 100</b>	29	<b>3002-504 342</b>	140	3241-604 916	252
0802-613 364	118	<b>1121 000 100</b>	26	<b>1231 070 100</b>	45	<b>1911 251 100</b>	34	<b>3002-504 342</b>	162	3261-604 916	252
0802-613 365	118	<b>1121 055 100</b>	42	<b>1231 115 100</b>	41	<b>1911 360 100</b>	32	<b>3101-604 914</b>	250	3281-604 916	252
0802-632 131	124	<b>1121 070 100</b>	45	<b>1231 905 100</b>	39	1911-901 926	246	<b>3101-604 916</b>	250	<b>3301-462 122</b>	197
0802-632 151	124	<b>1121 115 100</b>	41	<b>1231 906 100</b>	38	<b>1911 150 100</b>	46	<b>3106 040 100</b>	63	<b>3301-462 162</b>	197
0802-632 331	124	<b>1121 150 100</b>	46	<b>1231 940 100</b>	43	<b>1921 240 100</b>	28	<b>3106 540 100</b>	65	<b>3301-462 562</b>	197
0802-632 351	124	<b>1121 240 100</b>	28	<b>1231 965 100</b>	44	<b>1921 246 100</b>	29	3111-604 913	250	<b>3303-140 101</b>	202
<b>0812-509 913</b>	153	<b>1121 246 100</b>	29	<b>1232 015 100</b>	40	<b>1921 251 100</b>	34	<b>3111-604 916</b>	250	3311-604 913	250
0901-151 093	199	<b>1121 247 100</b>	30	<b>1233 060 100</b>	42	<b>1921 360 100</b>	32	<b>3113 551 100</b>	67	<b>3311-604 916</b>	250
<b>0901-151 094</b>	199	<b>1121 250 100</b>	33	<b>1233 115 100</b>	41	<b>1922-075 000</b>	251	<b>3114 540 100</b>	65	<b>3321-604 914</b>	250
0901-151 095	199	<b>1121 251 100</b>	34	<b>1233 150 100</b>	46	2008-512 061	127	<b>3116 040 100</b>	63	3341-604 916	250
0901-151 593	199	<b>1121 340 100</b>	36	<b>1233 250 100</b>	33	2008-512 161	127	<b>3116 500 100</b>	63	3351-604 916	252
<b>0901-151 594</b>	199	<b>1121 360 100</b>	32	<b>1233 251 100</b>	34	<b>2008-608 131</b>	116	<b>3116 520 100</b>	64	3371-604 916	252
0901-151 595	199	<b>1121 500 100</b>	31	<b>1233 340 100</b>	36	<b>2008-608 151</b>	116	<b>3116 540 100</b>	65	3391-604 916	252
0901-152 333	199	<b>1121 512 100</b>	35	<b>1233 360 100</b>	32	2008-608 152	116	<b>3116 550 100</b>	66	<b>3401-604 914</b>	250
<b>0901-152 334</b>	199	<b>1121 905 100</b>	39	<b>1233 906 100</b>	38	<b>2008-608 153</b>	116	<b>3116 560 100</b>	66	3401-604 916	250
0901-152 335	199	<b>1121 906 100</b>	38	<b>1233 940 100</b>	43	<b>2008-608 154</b>	116	<b>3116 580 100</b>	70	3411-604 916	250
<b>0904-905 822</b>	255	<b>1121 940 100</b>	43	<b>1233 965 100</b>	44	<b>2008-613 061</b>	119	<b>3116 660 100</b>	72	3431-604 916	250
<b>0904-905 824</b>	255	<b>1121 966 100</b>	44	<b>1235 015 100</b>	56	<b>2008-613 062</b>	119	<b>3117 545 100</b>	65	3441-604 916	252
<b>0904-905 825</b>	255	<b>1122 015 100</b>	40	<b>1236 015 100</b>	57	<b>2008-613 063</b>	119	<b>3117 561 100</b>	68	3461-604 916	252
<b>0904-905 837</b>	255	<b>1123 055 100</b>	42	<b>1237 015 100</b>	56	<b>2008-613 064</b>	119	<b>3123 551 100</b>	67	3481-604 916	252
<b>0904-905 847</b>	255	<b>1123 060 100</b>	42	<b>1238 015 100</b>	57	<b>2008-613 065</b>	119	<b>3124 500 100</b>	63	<b>3602-075 000</b>	251
<b>0904-905 856</b>	255	<b>1123 115 100</b>	41	<b>1238 250 100</b>	55	<b>2008-613 161</b>	119	<b>3124 540 100</b>	65	3602-632 131	124
<b>0904-905 859</b>	255	<b>1123 270 100</b>	37	1243-404 020	166	<b>2008-613 162</b>	119	<b>3124 560 100</b>	68	3602-632 331	124
<b>0904-905 869</b>	255	<b>1123 906 100</b>	38	<b>1243-404 030</b>	166	<b>2008-613 163</b>	119	<b>3126 040 100</b>	63	3602-632 351	124
<b>0904-905 896</b>	255	<b>1123 940 100</b>	43	1243-405 020	166	<b>2008-613 164</b>	119	<b>3126 500 100</b>	63	<b>3603-604 000</b>	251
<b>0904-905 899</b>	255	<b>1123 966 100</b>	44	<b>1243-405 030</b>	166	<b>2008-613 165</b>	119	<b>3126 520 100</b>	64	<b>3612-075 000</b>	251
<b>0908-507 061</b>	142	<b>1125 000 100</b>	55	1243-405 040	166	<b>2008-622 151</b>	125	<b>3126 540 100</b>	65	3613-604 000	251
<b>0914-905 825</b>	255	<b>1125 015 100</b>	56	1243-406 030	166	<b>2008-631 151</b>	109	<b>3126 550 100</b>	66	3622-075 000	251
<b>0924-905 822</b>	255	<b>1126 015 100</b>	57	<b>1243-406 040</b>	166	<b>2102-576 916</b>	186	<b>3126 560 100</b>	66	<b>3633-604 000</b>	251
<b>0924-905 823</b>	255	<b>1127 015 100</b>	56	<b>1243-406 040</b>	223	<b>2103-000 461</b>	215	<b>3126 580 100</b>	70	3692-075 000	251
<b>0924-905 825</b>	255	<b>1128 015 100</b>	57	1243-406 050	166	<b>2103-002 101</b>	212	<b>3126 660 100</b>	72	<b>3892-608 131</b>	114
<b>1003-086 438</b>	207	1132-819 110	244	1243-408 040	166	<b>2103-002 102</b>	211	<b>3127 545 100</b>	65	<b>3902-613 161</b>	120
<b>1003-086 450</b>	207	<b>1150 015 100</b>	40	1243-408 050	166	<b>2103-005 333</b>	215	<b>3127 560 100</b>	68	<b>3902-613 163</b>	120
<b>1004-608 151</b>	145	<b>1151 070 100</b>	45	<b>1300 225 100</b>	40	<b>2103-007 012</b>	215	3131-604 916	250	<b>3902-613 164</b>	120
<b>1100 015 100</b>	40	<b>1152 015 100</b>	40	<b>1300 226 100</b>	40	2103-100 643	226	<b>3141-604 916</b>	252	<b>3912-613 163</b>	120
<b>1101 070 100</b>	45	<b>1153 115 100</b>	41	<b>1301 125 100</b>	41	2103-100 896	226	3151-604 913	250	<b>4000 268 100</b>	290
<b>1101 966 100</b>	44	<b>1153 150 100</b>	46	<b>1301 126 100</b>	41	2103-100 944	226	<b>3154 540 100</b>	65	<b>4000 269 100</b>	290
<b>1102 015 100</b>	40	<b>1153 250 100</b>	33	<b>1301 127 100</b>	41	<b>2118-631 151</b>	109	<b>3156 040 100</b>	63	<b>4000 282 100</b>	290
<b>1103 115 100</b>	41	<b>1153 340 100</b>	36	<b>1301 376 100</b>	47	<b>2202-631 151</b>	108	<b>3156 500 100</b>	63	<b>4000 283 100</b>	290
<b>1105 015 100</b>	56	<b>1153 511 100</b>	35	<b>130</b>							



## PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
4000 607 100	286	4127 135 100	274	4305 657 100	272	5211 306 100	84	5241 447 100	88	5541 220 100	213
4000 610 100	288	4153 510 100	277	4305 667 100	272	5211 307 100	84	5242 104 100	83	5541 306 100	130
4000 611 100	288	4153 515 100	277	4306-026 904	108	5211 309 100	84	5242 106 100	83	5541 307 100	130
4000 612 100	288	4154 010 100	282	4307 134 100	274	5212 104 100	84	5242 107 100	83	5542 204 100	129
4000 613 100	288	4154 110 100	280	4307 136 100	274	5212 106 100	84	5242 304 100	83	5542 206 100	129
4000 614 100	288	4154 185 100	269	4341-604 916	250	5212 107 100	84	5242 306 100	83	5542 207 100	129
4000 615 100	288	4154 517 100	278	4353 815 100	268	5212 109 100	84	5242 307 100	83	5542 220 100	213
4000 616 100	288	4155 611 100	281	4354 005 100	282	5212 304 100	84	5242 309 100	83	5542 306 100	130
4000 617 100	288	4180 485 100	268	4354 015 100	282	5212 306 100	84	5242 434 100	88	5542 307 100	130
4000 618 100	288	4183 460 100	275	4354 105 100	280	5212 307 100	84	5242 436 100	88	5601-604 914	252
4000 619 100	288	4183 510 100	277	4354 110 100	280	5212 309 100	84	5242 437 100	88	5611-604 914	252
4000 620 100	288	4183 515 100	277	4354 115 100	280	5218 104 100	84	5242 444 100	88	5621-604 914	252
4000 621 100	288	4183 810 100	268	4354 180 100	269	5218 106 100	84	5242 446 100	88	5652-613 142	117
4000 668 100	290	4184 010 100	282	4354 185 100	269	5218 304 100	84	5242 447 100	88	5652-613 162	117
4000 668 100	290	4184 110 100	280	4354 190 100	269	5218 306 100	84	5248 104 100	83	5702-509 938	192
4001 100 100	286	4184 185 100	269	4354 195 100	269	5231 004 100	78	5248 106 100	83	5725-314 010	133
4001-901 924	246	4184 208 100	270	4354 207 100	270	5231 006 100	78	5248 304 100	83	5791-604 914	252
4001-901 926	246	4184 512 100	278	4354 227 100	283	5231 007 100	78	5248 306 100	83	5901-604 918	250
4001-902 924	246	4184 517 100	278	4354 517 100	278	5231 009 100	78	5251 104 100	87	6001-901 924	246
4001-902 926	246	4184 521 100	270	4354 518 100	278	5231 164 100	82	5251 106 100	87	6001-901 926	246
4010 010 100	290	4185 386 100	272	4354 525 100	270	5231 166 100	82	5251 107 100	87	6001-902 924	246
4010 050 100	290	4185 441 100	275	4354 920 100	284	5231 167 100	82	5251 304 100	87	6001-902 926	246
4021-604 918	250	4185 611 100	281	4354 930 100	284	5231 184 100	80	5251 306 100	87	6011 000 000	92
4102-921 051	112	4186 033 100	292	4355 603 100	273	5231 186 100	80	5251 307 100	87	6011 001 000	92
4103 500 100	277	4186 036 100	293	4355 606 100	281	5231 187 100	80	5251 434 100	89	6011 003 000	92
4110 485 100	268	4186 037 100	292	4355 616 100	281	5231 204 100	78	5251 436 100	89	6011 004 000	92
4113 460 100	275	4187 135 100	274	4355 624 100	273	5231 206 100	78	5251 437 100	89	6011 005 000	92
4113 509 100	277	4203 510 100	277	4355 657 100	272	5231 207 100	78	5251 444 100	89	6011 006 000	92
4113 510 100	277	4203 515 100	277	4355 662 100	272	5231 209 100	78	5251 446 100	89	6011 007 000	92
4113 810 100	268	4204 512 100	278	4355 667 100	272	5231 364 100	82	5251 447 100	89	6011 008 000	92
4114 010 100	282	4204 517 100	278	4357 134 100	274	5231 366 100	82	5251 604 100	86	6011 009 000	92
4114 110 100	280	4230 485 100	268	4357 135 100	274	5231 367 100	82	5251 606 100	86	6011 814 000	93
4114 185 100	269	4233 460 100	275	4357 136 100	274	5231 384 100	80	5251 607 100	86	6011 816 000	93
4114 208 100	270	4233 510 100	277	4404 015 100	282	5231 386 100	80	5251 704 100	79	6011 817 000	93
4114 215 100	283	4233 810 100	268	4404 116 100	280	5231 387 100	80	5251 706 100	79	6012 000 000	92
4114 234 100	271	4234 010 100	282	4404 190 100	269	5231 389 100	80	5251 707 100	79	6012 001 000	92
4114 464 100	284	4234 110 100	280	4404 930 100	284	5232 004 100	78	5252 104 100	87	6012 003 000	92
4114 512 100	278	4234 185 100	269	4405 616 100	281	5232 006 100	78	5252 106 100	87	6012 004 000	92
4114 521 100	270	4234 208 100	270	4454 190 100	269	5232 007 100	78	5252 107 100	87	6012 005 000	92
4115 386 100	272	4234 215 100	283	4454 930 100	284	5232 009 100	78	5252 304 100	87	6012 006 000	92
4115 441 100	275	4234 234 100	271	4455 616 100	281	5232 164 100	82	5252 306 100	87	6012 007 000	92
4115 466 100	276	4234 512 100	278	4504 930 100	284	5232 166 100	82	5252 307 100	87	6012 008 000	92
4115 514 100	279	4234 521 100	270	4505 616 100	281	5232 167 100	82	5252 434 100	89	6012 009 000	92
4115 611 100	281	4235 386 100	272	4602-626 131	108	5232 184 100	80	5252 436 100	89	6012 814 000	93
4116 032 100	292	4235 441 100	275	4602-743 178	189	5232 186 100	80	5252 437 100	89	6012 816 000	93
4116 033 100	292	4235 466 100	276	4604 930 100	284	5232 187 100	80	5252 444 100	89	6012 817 000	93
4116 036 100	293	4235 611 100	281	4605 616 100	281	5232 204 100	78	5252 446 100	89	6018 000 000	92
4116 037 100	292	4235 613 100	273	4612-626 331	108	5232 206 100	78	5252 447 100	89	6018 001 000	92
4116 041 100	293	4237 135 100	274	4802-622 131	124	5232 207 100	78	5252 604 100	86	6018 003 000	92
4116 042 100	294	4253 515 100	277	4802-622 331	124	5232 209 100	78	5252 606 100	86	6018 004 000	92
4116 064 100	294	4254 517 100	278	4902-613 561	117	5232 364 100	82	5252 607 100	86	6018 006 000	92
4117 135 100	274	4255 616 100	281	4902-613 562	117	5232 366 100	82	5252 704 100	79	6018 007 000	92
4120 485 100	268	4303 805 100	268	4902-613 563	118	5232 367 100	82	5252 706 100	79	6018 008 000	92
4123 460 100	275	4303 810 100	268	4902-626 651	108	5232 384 100	80	5252 707 100	79	6018 009 000	92
4123 510 100	277	4303 815 100	268	4902-631 351	108	5232 386 100	80	5262-613 141	117	6121 100 000	94
4123 810 100	268	4304 015 100	282	4902-633 351	108	5232 387 100	80	5401-401 913	113	6121 101 000	94
4124 010 100	282	4304 105 100	280	4912-613 561	117	5232 389 100	80	5402-921 873	112	6121 103 000	94
4124 110 100	280	4304 110 100	280	4912-631 351	108	5238 004 100	78	5411-401 913	113	6121 104 000	94
4124 185 100	269	4304 115 100	280	4933-604 000	251	5238 006 100	78	5411-604 912	250	6121 106 000	94
4124 208 100	270	4304 180 100	269	5131 184 100	81	5238 007 100	78	5421-401 913	113	6121 107 000	94
4124 215 100	283	4304 182 100	269	5131 186 100	81	5238 204 100	78	5431-604 912	250	6122 100 000	94
4124 234 100	271	4304 190 100	269	5131 187 100	81	5238 206 100	78	5431-604 914	252	6122 101 000	94
4124 464 100	284	4304 192 100	269	5132 184 100	81	5238 207 100	78	5441-604 912	250	6122 103 000	94
4124 512 100	278	4304 207 100	270	5132 186 100	81	5238 384 100	80	5441-604 914	252	6122 104 000	94
4124 521 100	270	4304 225 100	283	5132 187 100	81	5238 386 100	80	5495-560 051	193	6122 106 000	94
4125 386 100	272	4304 232 100	271	5151 154 100	85	5238 387 100	80	5495-560 052	193	6122 107 000	94
4125 441 100	275	4304 234 100	271	5151 156 100	85	5241 104 100	83	5495-560 054	193	6123 100 000	94
4125 466 100	276	4304 236 100	271	5151 157 100	85	5241 106 100	83	5495-560 080	193	6123 101 000	94
4125 514 100	279	4304 517 100	278	5152 154 100	85	5241 107 100	83	5495-560 082	193	6123 103 000	94
4125 611 100	281	4304 518 100	278	5152 156 100	85	5241 304 100	83	5501-604 913	252	6123 104 000	94
4126 031 100	293	4304 521 100	270	5152 157 100	85	5241 306 100	83	5501-604 914	252	6123 106 000	94
4126 032 100	292	4304 525 100	270	5162-507 361	140	5241 307 100	83	5511-604 913	252	6123 107 000	94
4126 033 100	292	4304 920 100	284	5162-507 361	162	5241 309 100	83	5511-604 914	252	6152-631 131	108
4126 036 100	293	4304 930 100	284	5211 104 100	84	5241 309 100	83	5521-604 913	252	6171-604 916	250
4126 037 100	292	4305 603 100	273	5211 106 100	84	5241 434 100	88	5521-604 914	252	6201-604 914	250
4126 041 100	293	4305 606 100	281	5211 107 100	84	5241 436 100	88	5541 204 100	129	6201-902 924	246
4126 042 100	294	4305 616 100	281	5211 109 100	84	5241 437 100	88	5541 206 100	129	6211 100 000	95
4126 064 100	294	4305 624 100	273	5211 304 100	84	5241 444 100	88	5541 207 100	129	6211 105 000	95

PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
<b>6211 110 000</b>	95	<b>6780 231 000</b>	101	<b>7003-507 061</b>	142	9803-630 301	170	<b>9902-515 042</b>	188	<b>9902-566 461</b>	183
<b>6211 205 000</b>	95	<b>6780 240 000</b>	104	<b>7003-600 221</b>	141	9803-630 351	170	9902-515 043	188	9902-566 491	183
<b>6212 105 000</b>	95	<b>6780 250 000</b>	104	<b>7003-600 421</b>	141	9803-630 371	170	<b>9902-515 050</b>	188	9902-575 142	184
<b>6212 110 000</b>	95	<b>6780 290 000</b>	102	<b>7003-600 521</b>	141	9812-921 873	112	<b>9902-515 051</b>	188	9902-575 162	184
<b>6212 205 000</b>	95	6781-604 916	252	<b>7003-600 821</b>	146	9812-921 875	112	<b>9902-515 052</b>	188	<b>9902-575 163</b>	184
<b>6218 105 000</b>	95	<b>6790 073 000</b>	98	<b>7003-600 921</b>	146	<b>9818-036 309</b>	238	<b>9902-515 053</b>	188	<b>9902-575 342</b>	184
<b>6218 110 000</b>	95	<b>6790 074 000</b>	98	<b>7004-608 151</b>	145	<b>9818-036 310</b>	238	<b>9902-515 056</b>	188	9902-576 142	183
<b>6218 205 000</b>	95	<b>6790 075 000</b>	98	<b>7008-600 361</b>	146	<b>9818-036 311</b>	238	<b>9902-515 057</b>	188	9902-576 143	183
6231-604 914	250	<b>6790 076 000</b>	98	<b>7008-600 832</b>	146	<b>9818-036 312</b>	238	<b>9902-515 058</b>	188	<b>9902-576 162</b>	183
6301-604 913	252	<b>6790 077 000</b>	98	<b>7012-611 351</b>	138	<b>9818-036 313</b>	238	<b>9902-515 062</b>	188	<b>9902-576 163</b>	183
6303-604 000	251	6801-604 916	252	<b>7012-611 351</b>	160	<b>9818-036 316</b>	238	<b>9902-515 063</b>	188	9902-576 192	183
<b>6311 000 100</b>	96	6811-604 916	252	<b>7018-600 521</b>	141	<b>9818-036 318</b>	238	<b>9902-515 064</b>	188	<b>9902-576 193</b>	183
<b>6311 001 100</b>	96	6821-604 916	252	<b>7182-600 491</b>	144	<b>9818-036 320</b>	238	9902-515 065	188	<b>9902-576 342</b>	183
<b>6311 003 100</b>	96	6831-604 916	252	<b>7182-600 591</b>	144	<b>9818-036 322</b>	238	9902-515 069	188	<b>9902-576 343</b>	183
<b>6311 010 100</b>	96	6841-604 916	252	<b>7182-600 891</b>	148	<b>9818-036 325</b>	238	<b>9902-515 079</b>	188	<b>9902-576 362</b>	183
<b>6311 011 100</b>	96	<b>6900 040 100</b>	213	<b>7182-600 991</b>	148	<b>9818-036 327</b>	238	<b>9902-515 080</b>	188	<b>9902-576 363</b>	183
<b>6311 016 100</b>	96	<b>6900 041 100</b>	213	<b>7202-611 151</b>	138	<b>9818-036 328</b>	238	<b>9902-515 081</b>	188	9902-576 464	183
<b>6311 019 100</b>	96	<b>6900 055 100</b>	132	<b>7202-611 151</b>	160	<b>9818-036 330</b>	238	<b>9902-515 082</b>	188	9902-586 142	184
6311-604 913	252	<b>6900 056 100</b>	132	<b>7302-600 001</b>	132	<b>9818-036 332</b>	238	<b>9902-522 142</b>	183	<b>9902-586 162</b>	184
6321-604 913	252	<b>6900 057 100</b>	132	<b>7601-306 095</b>	202	<b>9818-036 335</b>	238	<b>9902-522 162</b>	183	<b>9902-586 163</b>	184
<b>6400 001 100</b>	48	<b>6900 820 100</b>	31	7702-921 875	112	<b>9818-036 338</b>	238	<b>9902-522 163</b>	183	<b>9902-586 342</b>	184
<b>6400 001 100</b>	71	<b>6900 821 100</b>	31	<b>7801-401 912</b>	155	<b>9818-036 341</b>	238	9902-522 342	183	9902-586 343	184
<b>6400 002 100</b>	48	<b>6900 822 100</b>	35	<b>7802-509 913</b>	153	<b>9818-036 345</b>	238	<b>9902-522 362</b>	183	9902-587 142	183
<b>6400 002 100</b>	71	<b>6900 823 100</b>	35	<b>7802-600 491</b>	144	<b>9818-036 348</b>	238	9902-522 363	183	9902-587 143	183
6401-604 912	252	<b>6900 840 100</b>	26	<b>7802-600 591</b>	144	<b>9818-036 351</b>	238	9902-532 142	183	<b>9902-587 162</b>	183
6402-608 914	121	<b>6900 841 100</b>	26	<b>7802-600 891</b>	148	<b>9818-036 354</b>	238	<b>9902-532 162</b>	183	<b>9902-587 163</b>	183
<b>6405 000 100</b>	48	<b>6900 842 100</b>	26	<b>7802-600 991</b>	148	<b>9818-036 357</b>	238	<b>9902-532 163</b>	183	9902-587 192	183
<b>6405 006 100</b>	48	<b>6900 843 100</b>	26	<b>7811-401 912</b>	155	<b>9818-036 360</b>	238	9902-532 342	183	<b>9902-587 193</b>	183
<b>6406 000 100</b>	71	<b>6900 845 100</b>	30	<b>7812-509 913</b>	153	<b>9818-036 364</b>	238	9902-532 343	183	9902-587 342	183
<b>6406 001 100</b>	48	<b>6900 846 100</b>	30	<b>7902-600 000</b>	215	9828-036 308	238	<b>9902-532 362</b>	183	9902-587 343	183
<b>6406 500 100</b>	48	<b>6900 850 100</b>	28	7902-613 196	123	<b>9828-036 309</b>	238	9902-532 363	183	9902-587 362	183
<b>6407 600 100</b>	71	<b>6900 851 100</b>	29	<b>7903-600 004</b>	219	<b>9828-036 310</b>	238	<b>9902-543 142</b>	184	<b>9902-587 363</b>	183
<b>6407 622 100</b>	48	<b>6900 852 100</b>	28	<b>7912-600 000</b>	220	<b>9828-036 311</b>	238	<b>9902-543 162</b>	184	<b>9906-011 146</b>	163
<b>6407 634 100</b>	48	<b>6900 853 100</b>	29	7922-600 000	220	<b>9828-036 312</b>	238	9902-543 362	184	<b>9906-011 147</b>	163
<b>6407 637 100</b>	48	<b>6900 855 100</b>	33	7922-613 196	123	<b>9828-036 313</b>	238	<b>9902-543 542</b>	184	<b>9906-011 148</b>	163
6412-608 914	121	<b>6900 856 100</b>	33	7935-613 196	123	<b>9828-036 316</b>	238	9902-543 543	184	<b>9906-011 149</b>	163
6501-604 912	252	<b>6900 860 100</b>	34	7945-613 196	123	<b>9828-036 318</b>	238	9902-543 562	184	<b>9906-011 150</b>	163
6511-604 919	250	<b>6900 861 100</b>	34	<b>8103-800 224</b>	228	<b>9828-036 320</b>	238	<b>9902-543 563</b>	184	<b>9906-011 151</b>	163
<b>6561 500 000</b>	97	<b>6900 864 100</b>	30	<b>8202-600 003</b>	210	<b>9828-036 322</b>	238	<b>9902-544 142</b>	183	<b>9906-011 153</b>	163
<b>6561 520 000</b>	97	<b>6900 865 100</b>	30	8203-010 100	190	<b>9828-036 325</b>	238	<b>9902-544 162</b>	183	<b>9906-011 154</b>	163
<b>6561 700 000</b>	97	<b>6900 870 100</b>	28	8203-010 100	224	<b>9828-036 327</b>	238	<b>9902-544 163</b>	183	<b>9906-011 155</b>	163
<b>6561 710 000</b>	97	<b>6900 871 100</b>	28	8203-310 100	191	<b>9828-036 328</b>	238	<b>9902-544 193</b>	183	<b>9906-011 446</b>	163
<b>6561 720 000</b>	97	<b>6900 872 100</b>	29	8203-310 100	225	<b>9828-036 330</b>	238	<b>9902-544 341</b>	183	<b>9906-011 447</b>	163
<b>6562 000 000</b>	97	<b>6900 873 100</b>	29	8203-410 100	190	<b>9828-036 332</b>	238	<b>9902-544 342</b>	183	<b>9906-011 448</b>	163
<b>6562 010 000</b>	97	<b>6900 874 100</b>	33	8203-410 100	224	<b>9828-036 335</b>	238	<b>9902-544 361</b>	183	<b>9906-011 449</b>	163
<b>6562 020 000</b>	97	<b>6900 875 100</b>	33	<b>8212-600 003</b>	210	<b>9828-036 338</b>	238	<b>9902-544 362</b>	183	<b>9906-011 450</b>	163
<b>6601-604 912</b>	251	<b>6900 876 100</b>	34	8411-604 918	250	<b>9828-036 341</b>	238	<b>9902-544 441</b>	183	<b>9906-011 451</b>	163
<b>6601-604 912</b>	251	<b>6900 877 100</b>	34	<b>8602-600 003</b>	227	<b>9828-036 345</b>	238	<b>9902-544 461</b>	183	<b>9906-011 453</b>	163
6601-604 912	251	<b>6900 935 100</b>	28	<b>8603-600 004</b>	222	<b>9828-036 348</b>	238	9902-544 491	183	<b>9906-011 454</b>	163
6601-604 912	251	<b>6900 936 100</b>	37	<b>8603-600 006</b>	217	<b>9828-036 351</b>	238	9902-553 162	184	<b>9906-011 455</b>	163
6601-604 912	252	<b>6900 937 100</b>	36	<b>8603-600 010</b>	221	<b>9828-036 354</b>	238	9902-554 142	183	9906-013 008	181
6621-604 916	252	<b>6900 942 100</b>	32	<b>8612-600 003</b>	227	<b>9828-036 357</b>	238	<b>9902-554 162</b>	183	9906-013 009	181
6631-604 916	252	<b>6900 943 100</b>	32	<b>8802-753 478</b>	189	<b>9828-036 360</b>	238	<b>9902-554 163</b>	183	<b>9906-013 021</b>	181
6641-604 916	252	<b>6900 945 100</b>	28	8812-607 914	121	<b>9828-036 364</b>	238	9902-554 192	183	<b>9906-013 057</b>	181
6651-604 916	252	<b>6900 946 100</b>	37	<b>9301-614 916</b>	122	9838-036 313	238	9902-554 341	183	<b>9906-015 001</b>	187
6661-604 916	252	<b>6900 947 100</b>	36	<b>9311-614 916</b>	122	9838-036 315	238	<b>9902-554 361</b>	183	<b>9906-015 002</b>	187
<b>6700 001 100</b>	131	<b>6900 955 100</b>	55	<b>9321-614 916</b>	122	9838-036 318	238	<b>9902-554 362</b>	183	<b>9906-015 003</b>	187
<b>6700 002 100</b>	131	<b>6900 965 100</b>	55	<b>9331-614 916</b>	122	9838-036 320	238	9902-554 441	183	<b>9906-015 004</b>	187
<b>6700 003 100</b>	131	<b>6900 975 100</b>	29	<b>9502-626 251</b>	108	<b>9838-036 322</b>	238	<b>9902-554 461</b>	183	<b>9906-015 025</b>	187
<b>6700 006 000</b>	163	<b>6900 985 100</b>	29	<b>9502-626 301</b>	108	9838-036 325	238	9902-565 142	184	<b>9906-015 026</b>	187
<b>6700 007 000</b>	163	<b>6900 987 100</b>	27	9502-626 311	108	<b>9838-036 328</b>	238	<b>9902-565 162</b>	184	<b>9906-015 027</b>	187
<b>6700 008 100</b>	174	<b>6900 988 100</b>	27	<b>9502-626 501</b>	108	9838-036 330	238	9902-565 163	184	<b>9906-015 028</b>	187
<b>6700 012 100</b>	132	6901-902 926	246	<b>9502-626 651</b>	108	<b>9838-036 332</b>	238	9902-565 342	184	<b>9906-015 035</b>	187
6701-604 912	250	<b>6912-613 561</b>	135	9502-664 151	108	9838-036 335	238	<b>9902-565 362</b>	184	<b>9906-015 036</b>	187
6721-604 916	252	<b>6912-613 891</b>	135	<b>9706-026 904</b>	111	9838-036 360	238	<b>9902-565 542</b>	184	<b>9906-015 037</b>	187
<b>6722 333 000</b>	93	<b>6912-622 891</b>	136	9711-104 925	204	9841-604 913	250	9902-565 562	184	<b>9906-015 038</b>	187
<b>6722 335 000</b>	93	<b>7002-504 362</b>	140	<b>9802-026 560</b>	178	<b>9902-511 162</b>	183	<b>9902-566 142</b>	183	9906-015 040	187
<b>6722 336 000</b>	93	<b>7002-504 362</b>	162	<b>9802-026 561</b>	178	9902-511 362	183	9902-566 143	183	<b>9906</b>	

## PART NUMBER INDEX

Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page	Part number	Page
<b>9906-015 062</b>	187	<b>9906-030 312</b>	169	9906-033 126	116	9907-035 197	230	9907-036 156	231	<b>9946-015 057</b>	187
<b>9906-015 063</b>	187	<b>9906-030 314</b>	169	<b>9907-035 000</b>	243	9907-035 205	230	<b>9907-036 163</b>	231	9946-015 058	187
<b>9906-015 064</b>	187	<b>9906-030 316</b>	169	<b>9907-035 021</b>	230	9907-035 213	230	9907-036 164	231	9946-015 059	187
<b>9906-015 065</b>	187	<b>9906-030 317</b>	169	<b>9907-035 023</b>	230	9907-035 221	230	<b>9907-036 172</b>	231	<b>9962-515 056</b>	188
<b>9906-015 069</b>	187	<b>9906-030 318</b>	169	<b>9907-035 031</b>	230	<b>9907-036 000</b>	243	<b>9907-036 179</b>	231	9962-515 057	188
<b>9906-015 070</b>	187	<b>9906-030 326</b>	169	<b>9907-035 032</b>	230	<b>9907-036 012</b>	231	9907-036 187	231	9962-515 058	188
9906-015 071	187	<b>9906-030 328</b>	169	<b>9907-035 041</b>	230	<b>9907-036 017</b>	231	<b>9907-036 188</b>	231	<b>9962-515 059</b>	188
<b>9906-015 079</b>	187	<b>9906-030 329</b>	169	<b>9907-035 042</b>	230	<b>9907-036 022</b>	231	<b>9907-036 204</b>	231	9962-515 062	188
<b>9906-015 080</b>	187	<b>9906-030 332</b>	169	9907-035 051	230	9907-036 023	231	9907-036 302	239	<b>9962-515 063</b>	188
<b>9906-015 081</b>	187	<b>9906-030 334</b>	169	<b>9907-035 052</b>	230	<b>9907-036 027</b>	231	9907-036 303	239	9962-515 064	188
<b>9906-015 082</b>	187	9906-030 335	169	<b>9907-035 061</b>	230	<b>9907-036 032</b>	231	9907-036 304	239	<b>9962-515 065</b>	188
9906-021 059	181	<b>9906-030 338</b>	169	<b>9907-035 062</b>	230	<b>9907-036 033</b>	231	9907-036 305	239	<b>9966-015 063</b>	187
<b>9906-021 183</b>	181	<b>9906-030 340</b>	169	9907-035 081	230	<b>9907-036 037</b>	231	9907-036 308	239	<b>9966-015 064</b>	187
<b>9906-021 184</b>	181	<b>9906-030 341</b>	169	<b>9907-035 082</b>	230	<b>9907-036 042</b>	231	<b>9907-036 310</b>	239	<b>9966-015 065</b>	187
<b>9906-022 081</b>	181	<b>9906-030 488</b>	174	9907-035 083	230	<b>9907-036 043</b>	231	9907-036 311	239	<b>L669-002 101</b>	212
<b>9906-022 082</b>	181	9906-030 489	174	9907-035 086	230	<b>9907-036 047</b>	231	9907-036 312	239	<b>L669-002 102</b>	211
9906-022 085	181	<b>9906-030 490</b>	174	<b>9907-035 087</b>	230	<b>9907-036 052</b>	231	9907-036 314	239	<b>L911-000 436</b>	216
<b>9906-026 011</b>	111	<b>9906-030 492</b>	174	9907-035 088	230	<b>9907-036 053</b>	231	9907-036 315	239	<b>L914-000 436</b>	216
<b>9906-026 051</b>	111	<b>9906-030 493</b>	174	9907-035 092	230	<b>9907-036 057</b>	231	<b>9907-036 316</b>	239	<b>L940-030 842</b>	216
9906-026 116	111	<b>9906-030 494</b>	174	9907-035 096	230	<b>9907-036 062</b>	231	9907-036 317	239	<b>L960-030 577</b>	218
<b>9906-026 117</b>	111	<b>9906-030 496</b>	174	9907-035 097	230	<b>9907-036 063</b>	231	9907-036 320	239	<b>L961-100 012</b>	218
<b>9906-026 247</b>	111	<b>9906-030 497</b>	174	9907-035 098	230	<b>9907-036 067</b>	231	9907-036 478	239	<b>L961-100 076</b>	218
9906-026 500	111	<b>9906-030 498</b>	174	9907-035 107	230	<b>9907-036 072</b>	231	9907-036 484	239	<b>L979-002 103</b>	210
<b>9906-026 501</b>	111	9906-030 500	174	9907-035 117	230	<b>9907-036 073</b>	231	9907-036 486	239	<b>L979-002 104</b>	210
<b>9906-030 302</b>	169	9906-030 501	174	<b>9907-035 118</b>	230	<b>9907-036 082</b>	231	9907-036 489	239	<b>L979-012 103</b>	210
<b>9906-030 304</b>	169	9906-030 502	174	9907-035 127	230	<b>9907-036 093</b>	231	9908-608 132	115	<b>L979-012 104</b>	210
<b>9906-030 305</b>	169	9906-033 021	116	9907-035 128	230	9907-036 139	231	9908-608 152	115	<b>L979-022 104</b>	210
<b>9906-030 308</b>	169	<b>9906-033 030</b>	116	9907-035 137	230	<b>9907-036 147</b>	231	9918-608 132	115	<b>L979-600 002</b>	211
<b>9906-030 310</b>	169	9906-033 031	116	9907-035 138	230	9907-036 151	231	9918-608 152	115	<b>L979-940 340</b>	210
<b>9906-030 311</b>	169	<b>9906-033 125</b>	116	9907-035 181	230	9907-036 155	231	9946-015 056	187		

## INDEX OF DRONCO PRODUCT NAMES

Part name	Page	Part name	Page
5-PART POLISHING KIT .....	213	F5 CERA SPEED, Diamond Cutting Disc .....	279
A 24 R, Metal Cutting Discs .....	40	FIBER A, Fibre Discs .....	92
A 30 S, Metal Cutting Discs .....	49	FIBER AK, Fibre Discs .....	93
A 30 T, Grinding Discs .....	63	FIBER AZ, Fibre Discs .....	93
A 46 R, Metal Cutting Discs .....	33	G4, Diamond Cutting Disc .....	282
A 60 R, Metal Cutting Discs .....	27	GRINDING CUPS METAL .....	96
A4 ASPHALT, Diamond Cutting Disc .....	284	GRINDING CUPS STONE .....	96
A4 M, Diamond Cutting Disc .....	284	GRINDING DISCS FOR BENCH GRINDERS .....	97
A4, Diamond Cutting Disc .....	283	HEXAGON SANDER SET .....	101
ACS 60 T MULTI / ACS 46 T Multi, Metal Cutting Discs .....	32	MINI CAR SANDER SET .....	103
AK 24 V CERAMAXX, Grinding Discs .....	68	MINI SANDER SET .....	100
AK 36 T CERAMAXX, Grinding Discs .....	67	OVAL CAR SANDER SET .....	104
AK 46 V CERAMAXX, Metal Cutting Discs .....	35	POLIMAXX 1, Polishing Flap Discs .....	129
AK 60 V CERAMAXX, Metal Cutting Discs .....	31	POLIMAXX 2, Polishing Flap Discs .....	129
ALOX GRIND+FINISH, Flap Discs .....	79	POLIMAXX 3, Polishing Flap Discs .....	129
ALOX POWER, Flap Discs .....	78	POLIMAXX 4, Polishing Flap Discs .....	213
AS 24 R BAHN, Metal Cutting Discs .....	47	POLIMAXX SET, Polishing Flap Discs .....	132
AS 24 S CAST IRON, Grinding Discs .....	69	POLISPEED, Polishing Wheels .....	130
AS 24/30 T, Grinding Discs .....	64	S3 TURBO, Diamond Cutting Disc .....	275
AS 30 R, Grinding Discs .....	63	S5 TURBO PROTECT, Diamond Cutting Disc .....	276
AS 30 S HT, Metal Cutting Discs .....	43	S5 TURBO, Diamond Cutting Disc .....	275
AS 30 S INOX, Grinding Discs .....	65	SANDING SPONGE SET WITH HANDLE .....	102
AS 30 S INOX, Metal Cutting Discs .....	38	SIC – SEMI-FLEXIBLE, Grinding Discs .....	94
AS 30 S, Metal Cutting Discs .....	41	ST-7, Diamond Cutting Disc .....	268
AS 30 S, Metal Cutting Discs .....	49	TENSIONING SHAFT FOR CLEANING FLEECE .....	174
AS 30 T INOX, Grinding Discs .....	65	U3, Diamond Cutting Disc .....	268
AS 30 T INOX, Metal Cutting Discs .....	39	U4 PROTECT, Diamond Cutting Disc .....	271
AS 30 T, Metal Cutting Discs .....	42	U4 Speed, Diamond Cutting Disc .....	270
AS 30 V, Metal Cutting Discs .....	44	U4, Diamond Cutting Disc .....	269
AS 36 S INOX, Metal Cutting Discs .....	50	U5 PROTECT, Diamond Cutting Disc .....	273
AS 36 T, Metal Cutting Discs .....	50	U5 SPEED, Diamond Cutting Disc .....	272
AS 36 V, Metal Cutting Discs .....	45	U7 SPEED, Diamond Cutting Disc .....	274
AS 46 ALU, Grinding Discs .....	70	ZIRCON FLX, Flap Discs .....	86
AS 46 T / AS 30 T INOX CUT+GRIND, Metal Cutting Discs .....	37	ZIRCON JUMBO, Flap Discs .....	82
AS 46 T INOX, Metal Cutting Discs .....	33	ZIRCON MAXX, Flap Discs .....	87
AS 46 T MINI, Grinding Discs .....	71	ZIRCON PLUS, Flap Discs .....	83
AS 46 T MINI, Metal Cutting Discs .....	48	ZIRCON POWER, Flap Discs .....	80
AS 46 V INOX, Metal Cutting Discs .....	34	ZIRCON PRIME G-AZ, Flap Discs .....	84
AS 60 T / AS 46 T INOX FREECUT, Metal Cutting Discs .....	36	ZIRCON SPEED, Flap Discs .....	85
AS 60 T INOX, Metal Cutting Discs .....	28	ZIRCON TRIM, Flap Discs .....	81
AS 60 V INOX, Metal Cutting Discs .....	29		
AS 60 W HT INOX - JUBILEE, Metal Cutting Discs .....	30		
AS 60 W INOX, Metal Cutting Discs .....	26		
AUTOMOTIVE KIT .....	132		
AZ 30 S INOX, Grinding Discs .....	66		
AZ 30 T INOX, Grinding Discs .....	66		
B4, Diamond Cutting Disc .....	280		
B5, Diamond Cutting Disc .....	281		
BACKING PADS .....	95		
BACKING PADS RIBBED .....	95		
BKT ABRASIVE STONES, Diamond Core Bits .....	290		
BKT CONCRETE, Diamond Core Bits .....	290		
C 24 R, Stone Cutting Discs .....	56		
C 46 R, Stone Cutting Discs .....	55		
C 60 R, Stone Cutting Discs .....	55		
CERA MAXX, Flap Discs .....	89		
CERA PLUS, Flap Discs .....	88		
CERADRILL DRY, Diamond Dry Drill .....	288		
CERADRILL SET, Diamond Tile Drill .....	287		
CERADRILL, Diamond Tile Drill .....	286		
COARSE CLEANING FLEECE SET .....	132		
COARSE CLEANING FLEECEs .....	131		
COARSE CLEANING FLEECEs .....	163		
CS 24 R, Stone Cutting Discs .....	57		
CS 30 ASPHALT / DUCTILE, Stone Cutting Discs .....	58		
CS 30 S, Grinding Discs .....	72		
CS 46 ALU, Metal Cutting Discs .....	46		
CS 60 ALU, Metal Cutting Discs .....	46		
DB4, Diamond Cutting Disc .....	270		
DST 56 CONCRETE, Diamond Cup Grinders .....	292		
DST 76 ABRASIVE STONES, Diamond Cup Grinders .....	293		
DST BLUE SPEED, Diamond Cup Grinders .....	294		
DST SPEED, Diamond Cup Grinders .....	294		
DST TURBO, Diamond Cup Grinders .....	293		
DST, Diamond Cup Grinders .....	292		
ECONOMY ROLLS .....	98		
F3, Diamond Cutting Disc .....	277		
F4 CERA, Diamond Cutting Disc .....	278		

## OTHER CATALOGUES FOR DOWNLOAD

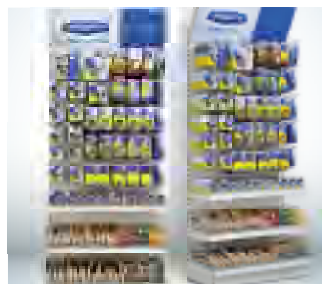
### IT'S THIS EASY:

The quickest and easiest way is to download our special catalogues from the Osborn website.

If you have a smartphone or tablet PC, you can also use the app to scan the QR code to access the overview page.



[www.osborn.com/literature](http://www.osborn.com/literature)



# TERMS & CONDITIONS AND CONTACT ADDRESSES

## TERMS & CONDITIONS:

Refer to our websites for our general terms of payment and delivery and further information on ordering and dispatch:

[www.osborn.com/terms-and-conditions](http://www.osborn.com/terms-and-conditions)  
[www.dronco.com/en/service/downloads](http://www.dronco.com/en/service/downloads)

### Osborn GmbH

Ringstrasse 10  
35099 Burgwald, Germany  
Phone: +49 (0)6451 588-0  
Fax: +49 (0)6451 588-206  
[info@osborn.de](mailto:info@osborn.de)

### Osborn

2350 Salisbury Road North  
Richmond, IN 47374, USA  
Phone: +1 (0)765 965-5333  
Fax: +1 (0)765 935-0120  
[brushes@osborn.com](mailto:brushes@osborn.com)

### Osborn Unipol Lda

Rua de Pardelhas  
4805-062 Brito-Guimarães  
Portugal  
Phone: +351 (0)253479550  
Fax: +351 (0)253576629  
[osborn-unipol@osborn-unipol.pt](mailto:osborn-unipol@osborn-unipol.pt)

### Osborn International SRL

Bd. Bucovina, Nr. 151  
725300 Gura Humorului, jud. Suceava  
Romania  
Phone: +40 (0)230234212  
Fax: +40 (0)230531785  
[sales@osborn.ro](mailto:sales@osborn.ro)

### Osborn International AB

Huskvarnavägen 105  
56123 Huskvarna, Sweden  
Phone: +46 (0)36389200  
Fax: +46 (0)36133190  
[info@osborn.se](mailto:info@osborn.se)

### Osborn GmbH

Premium Polishing Compounds  
Rudolf-Harbig-Weg 10  
42781 Haan, Germany  
Phone: +49 (0)212993070  
Fax: +49 (0)2129930723  
[polishing@osborn.de](mailto:polishing@osborn.de)

### Osborn International

R2001, Unit 2, Building No. 3,  
Yard No. 11, Shuangying Road  
Chaoyang, 100012 Beijing, China  
Phone: +86 (0)10 8498 6167  
[cnsales@osborn.com](mailto:cnsales@osborn.com)

### Osborn Lippert (India) Pvt. Ltd.

Plot No. E-66, MIDC Waluj  
Aurangabad - 431 136, India  
Phone: +91 (0)2402556538  
Fax: +91 (0)2402552530  
[sales@osborn-lippert.co.in](mailto:sales@osborn-lippert.co.in)

### Osborn Singapore Pte Ltd

206 Tuas South Avenue 2  
West Point Bizhub  
Singapore 637208  
Phone: +65 (0)6863 0318  
Fax: +65 (0)6863 4318  
[sales@osborn.com.sg](mailto:sales@osborn.com.sg)

### Osborn Unipol (UK) Limited

Newhouse Farm Industrial Estate  
Chepstow NP16 6UD, United Kingdom  
Phone: +44 (0)1291643200  
Fax: +44 (0)1291643298  
[sales@osborn-unipol.co.uk](mailto:sales@osborn-unipol.co.uk)

### DRONCO GmbH

Wiesenmühle 1  
95632 Wunsiedel, Germany  
Phone: +49 (0)92326090  
Fax: +49 (0)9232609159  
[info@dronco.com](mailto:info@dronco.com)

### Osborn Unipol SAS

Parc Mail – Bâtiment Orion  
24B avenue de la Demi-Lune  
CS 80006, 95735 ROISSY CH.  
DE GAULLE CEDEX, France  
Phone: +33 (0)134450600  
Fax: +33 (0)139936711  
[contact@lippert-unipol.fr](mailto:contact@lippert-unipol.fr)

### JacksonLea de Mexico

Emilio Cárdenas No.211  
Centro Industrial Tlalnepantla  
Tlalnepantla Edo. México, 54030  
Mexico  
Phone: +52 (0)5555659555

### Osborn - Unipol, S.L.

C/ Ronda Norte, 320  
(Polígono Industrial) - Apartado 169  
46470 Catarroja (Valencia), Spain  
Phone: +34 (0)961325876  
Fax: +34 (0)961324602  
[ventas@osborn-unipol.es](mailto:ventas@osborn-unipol.es)

