



# PRODUCT CATALOG

2022/23

## We Sell Solutions

The Global Leader in Surface Treatment Solutions and Finishing Tools

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### General

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

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

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# Cutting

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# Industrial

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# Diamond

## Osborn worldwide



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

# Tools for surface finishing

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

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

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

We supply to customers in over 120 countries, have production facilities and sales organisations in 13 countries, and employ a workforce of around 1,250 worldwide. Three of our plants are in Germany, including the European head office in Burgwald.

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

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



## Experienced

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



## Innovative

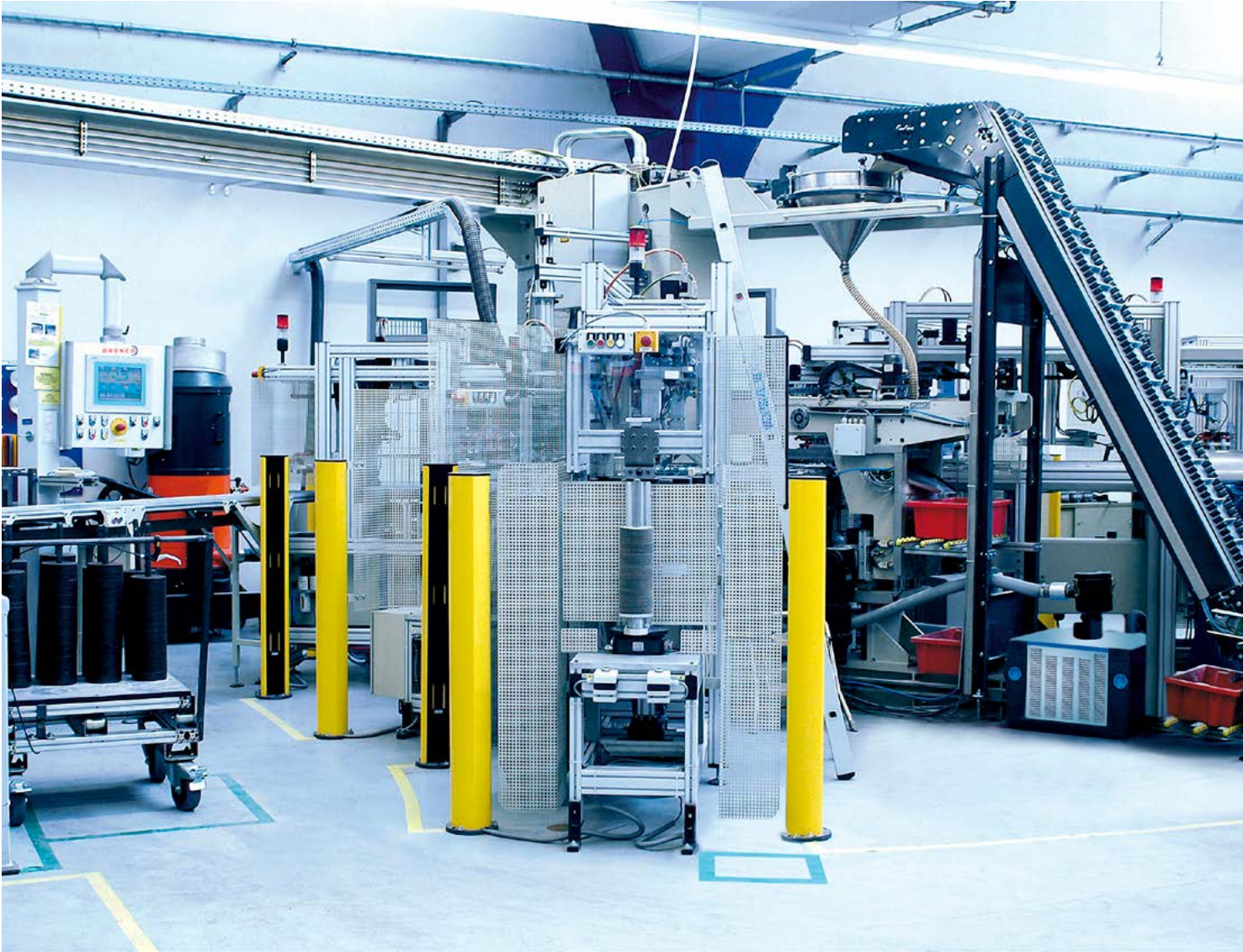
We have in-house Research and Development departments at all three production facilities in Germany. We are continually working on new products and are enhancing existing products in regard to quality and performance. Our global Purchasing department has a continual eye on the world markets and sources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



## Customer-centric

Excellent service is the core of successful collaboration. We are glad to fit in around your requirements. If you work in retail and need 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.

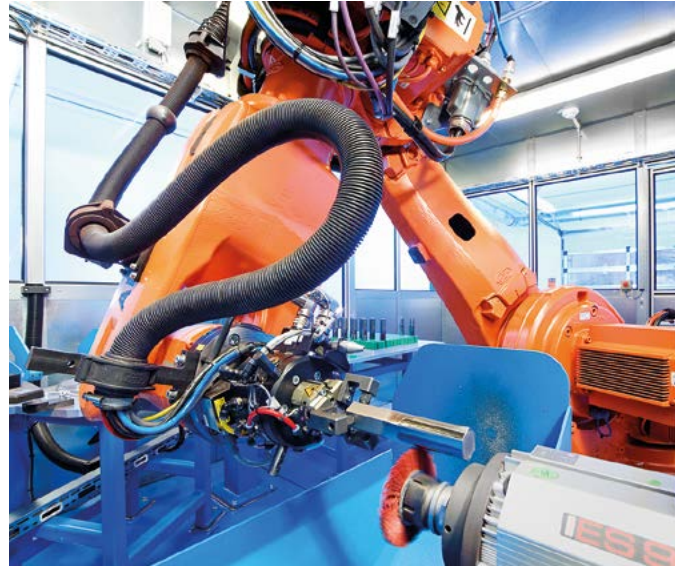
At our other sites, we are also active in optimising further our production processes. The production systems for our polishing buffs in Portugal, in the heart of the European textile industry, were recently equipped with new machines. And an automated filling system has been added to our polishing compound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



### 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.



Test robot in Burgwald/Germany

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.





## NEXMART

### Easy ordering around the clock

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

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



## AEO CERTIFIED

For a reliable supply chain

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

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

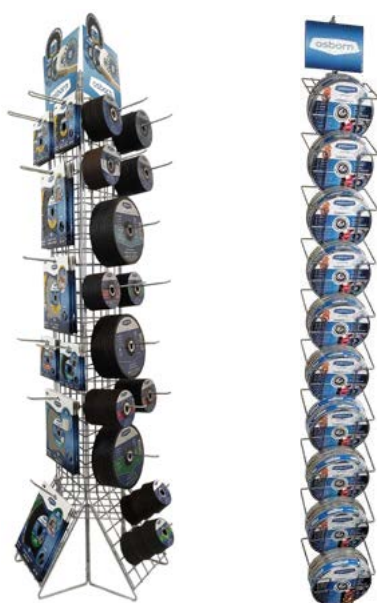
You benefit from the fact that higher priority is generally attached to our goods when checks are performed and they are processed quickly. This means shipping delays due to inspections can be minimised greatly.

## Perfectly presented



### PRODUCT PRESENTATION AT POINTS OF SALE

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



#### 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.

## 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.



### Sales displays

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

Discover our new sales displays online  
[www.t1p.de/b92n](http://www.t1p.de/b92n)

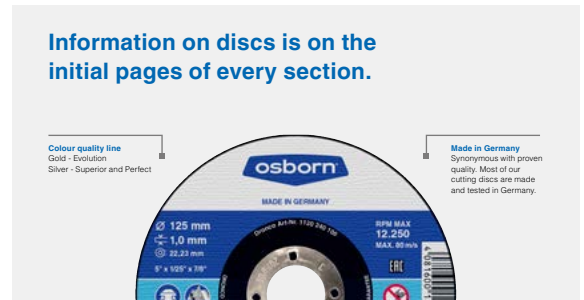


# Quicker to the right product

## 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.



### Trouble-free assignment

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

### Quick info on trim material

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



### TÜV safety

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

### Detailed product information

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



### QR code

Get information online. Decide in the shop.

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

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



## TRAINING

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

For years recognised  
as a partner to  
specialist retailers.



### Mobile promotion

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



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)





## 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.de/en/certificates](http://www.osborn.de/en/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).

### 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 Abrasives). We champion adherence to quality and safety standards, and recognise EN standards 12413, 13236 and 13743 as binding.

# Technical information & safety information for brushes



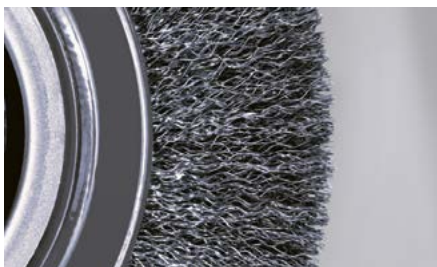
## Working and safety speeds

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



## Working and clamping width of a brush

The working width defines the contact surface between brush and workpiece. To measure the working width, gently press together the trim area. The clamping width is measured between the covering discs (see picture, left). Speak to us for more information about the clamping width.



## Brush diameter and trim length

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

**Soft, flexible brushes,**  
e.g. for working with textured workpieces  
and for gentle surface finishing.

**More aggressive brushes,**  
e.g. for deburring or  
removing dirt.



## Optimal positioning of the brush in relation to the workpiece

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

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

## Trim density of brushes

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



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

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

The following table provides an overview:

**Remember the following before fitting a brush:**

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

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

**General safety information:**

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



**This way for information\***



[www.osborn.de/en/safety](http://www.osborn.de/en/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                 |                                                                                                  |                                                                                                                                                                                                                                                                                                           |                                                                        |
| 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               | Stranded                                                                                         | <ul style="list-style-type: none"> <li>High tensile strength</li> </ul>                                                                                                                                                                                                                                   | Steel, cast iron, softwood, hardwood                                   |
|                           | Cordwire                |                                                                                                  | <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       |

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

# General information

Many of our products have additional user benefits



## TÜV SÜD Certified safety

More information on page 15



## Battery friendly – Ideal for use in battery-operated devices and angle grinders with speed control

More information on page 24



## BOSCH X-LOCK– To change cutting discs without tools

More information on page 24



## PROTECT – Vibration and noise appreciably reduced

More information on page 282



## FreeCut - Perhaps the world's safest cutting disc

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 + Xtreme ★★★★★

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

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|                                                   |    |
|---------------------------------------------------|----|
| General information                               | 22 |
| Free hand cutting discs   Stainless steel / steel | 26 |
| Free hand cutting discs   Steel                   | 40 |
| Free hand cutting discs   Aluminium               | 46 |
| Free hand cutting discs   Rail sections           | 47 |
| Mini cutting discs                                | 48 |
| Discs for stationary cutting machines / chop saws | 49 |

# METAL CUTTING DISCS

General information

## Important info at a glance

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

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

## DISC SPECIFICATIONS

**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

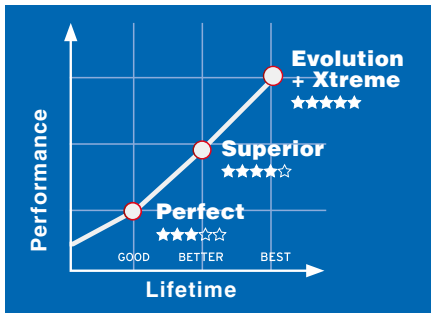
**Expiry date (quarter/year)**

**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

## 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 / Xtreme

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 and Xtreme Line by its label with five stars.



### ★★★★☆ Superior

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.



# METAL CUTTING DISCS

General information

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## EXTRA BENEFITS FOR USERS

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

### **BOSCH X-LOCK – for changing cutting discs without tools**

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

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



### **FreeCut – probably the safest cutting disc in the world**

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

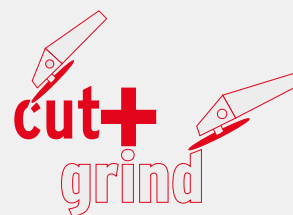
- No jamming during cutting work
- Prevents dangerous 'kick-back' effect of the angle grinder
- No side friction



### **Cut + Grind with a single disc**

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

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



### **Battery friendly – ideal for use on battery-powered equipment**

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

- Flexible application
- Easy to use
- Ultimate precision



## APPLICATION TABLE

### METAL CUTTING DISCS

|                                                               |    | <ul style="list-style-type: none"> <li>●● very suitable</li> <li>● suitable</li> <li>○ limited suitable</li> </ul> | Page | Unalloyed and alloyed construction steel | Very solid construction steel | Tool steel | High alloyed steel | Angular steel profiles | Angular stainless steel profiles | Rail sections | Cast iron | Aluminium alloy | Copper | Brass Bronze | Tiles, marble, slate |
|---------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|-------------------------------|------------|--------------------|------------------------|----------------------------------|---------------|-----------|-----------------|--------|--------------|----------------------|
| <b>Free hand cutting discs for stainless steel/steel</b>      |    |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               |           |                 |        |              |                      |
| AS 60 W INOX Evolution 0,8                                    | 26 | ●                                                                                                                  | ●    | ●                                        | ●                             | ●●         | ●●                 |                        |                                  | ○             | ●         | ●               | ●      | ●            |                      |
| A 60 R Perfect 1,0                                            | 27 | ●●                                                                                                                 | ●    | ●                                        | ●                             | ●          | ●                  | ●                      |                                  | ○             | ○         | ○               | ○      | ○            |                      |
| AS 60 T INOX Superior 1,0                                     | 28 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●●         | ●●                 |                        |                                  | ○             | ●         | ●●              | ●●     | ●●           |                      |
| AS 60 V INOX Evolution 1,0                                    | 29 | ●●                                                                                                                 | ●●   | ●●                                       | ●●                            | ●●         | ●●                 |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 60 X INOX Xtreme 1,0                                       | 31 | ●●                                                                                                                 | ●●   | ●●                                       | ●●                            | ●●         | ●●                 |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| ACS 60 T Multi / ACS 46 T Multi                               | 32 | ●                                                                                                                  | ●    | ○                                        | ●                             | ●●         | ●●                 |                        |                                  | ●●            | ●●        | ●●              | ●●     | ●●           | ●●                   |
| A 46 R Perfect 1,6                                            | 33 | ●●                                                                                                                 | ●    | ●                                        | ●                             | ●          | ●                  | ●                      |                                  | ○             | ○         | ○               | ○      | ○            |                      |
| AS 46 T INOX Superior 1,6                                     | 34 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●●         | ●●                 |                        |                                  | ○             | ○         | ○               | ○      | ○            |                      |
| AS 46 V INOX Evolution 1,6                                    | 35 | ●●                                                                                                                 | ●●   | ●●                                       | ●●                            | ●●         | ●●                 |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 46 X INOX Xtreme 1,6                                       | 36 | ●●                                                                                                                 | ●●   | ●●                                       | ●●                            | ●●         | ●●                 |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 60 / AS 46 T INOX FreeCut 2,0-1,0                          | 37 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●●         | ●●                 |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 46 / AS 30 T INOX CUT+GRIND 2,5                            | 38 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●          | ●●                 |                        |                                  | ●●            | ○         | ○               | ○      | ○            |                      |
| AS 30 S INOX Superior, 2,5                                    | 39 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●          | ●●                 |                        | ●                                | ●●            | ●         | ●               | ●      | ●            |                      |
| AS 30 T INOX Superior, 2,2                                    | 39 | ●                                                                                                                  | ●    | ●                                        | ●●                            | ●          | ●●                 |                        | ●                                | ●●            | ●         | ●               | ●      | ●            |                      |
| <b>Free hand cutting discs for steel</b>                      |    |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               |           |                 |        |              |                      |
| A 24 R Perfect. 3.0                                           | 40 | ●●                                                                                                                 | ●    | ●                                        | ○                             | ●          | ○                  |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 30 S Superior. 3.0                                         | 41 | ●●                                                                                                                 | ●●   | ●●                                       | ○                             | ●          | ○                  |                        |                                  | ●●            | ●         | ●               | ●      | ●            |                      |
| AS 30 T Superior. 2.0 + 2.5                                   | 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 Superior. 1.2                                       | 46 |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               | ●●        | ●●              | ●●     | ●●           |                      |
| CS 46 Alu Superior. 1.6                                       | 46 |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               | ●●        | ●●              | ●●     | ●●           |                      |
| <b>Free hand cutting discs for rail sections</b>              |    |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               |           |                 |        |              |                      |
| AS 24 R Bahn Superior 3.5 + 4.0                               | 47 | ●                                                                                                                  | ●    | ●                                        | ○                             | ○          | ○                  | ●●                     | ○                                | ○             | ○         | ○               | ○      | ○            |                      |
| <b>Mini cutting discs</b>                                     |    |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               |           |                 |        |              |                      |
| AS 46 T Mini Superior                                         | 48 | ●                                                                                                                  | ●    | ●                                        | ○                             | ●●         | ○                  |                        |                                  | ○             | ○         | ○               | ○      | ○            |                      |
| <b>Discs for stationary cutting machines / chop saw discs</b> |    |                                                                                                                    |      |                                          |                               |            |                    |                        |                                  |               |           |                 |        |              |                      |
| A 30 S Perfect 3.5                                            | 49 | ●                                                                                                                  | ●    | ●                                        | ○                             | ●          | ○                  |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 30 S Superior 3.5 + 4.0                                    | 49 | ●●                                                                                                                 | ●●   | ●●                                       | ○                             | ●          | ○                  |                        |                                  | ●●            | ●         | ●               | ●      | ●            |                      |
| AS 36 T Superior / Chop Saw                                   | 50 | ●●                                                                                                                 | ●●   | ●                                        | ○                             | ●          | ○                  |                        |                                  | ●             | ●         | ●               | ●      | ●            |                      |
| AS 36 S INOX Superior / Chop Saw                              | 50 | ●                                                                                                                  | ●●   | ●●                                       | ●                             | ●          | ●●                 |                        |                                  | ●●            | ●         | ●               | ●      | ●            |                      |

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



## AS 60 W INOX

Evolution ★★★★★

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

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

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

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

### Lifetime-Plus tin

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



| Ø in mm           | Ø in inches         | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|-------------------|---------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 0.8 x 22.23 | 4 1/2 x 0.030 x 7/8 | 13300                 | 25                |       | <b>1111-000 100</b> | 110302      |
| 125 x 0.8 x 22.23 | 5 x 0.030 x 7/8     | 12250                 | 25                |       | <b>1121-000 100</b> | 120301      |
| Lifetime-Plus tin |                     |                       |                   |       |                     |             |
| 115 x 0.8 x 22.23 | 4 1/2 x 0.030 x 7/8 | 13300                 | 1 tin of 25 discs |       | <b>6900-842 100</b> | 701630      |
| 125 x 0.8 x 22.23 | 5 x 0.030 x 7/8     | 12250                 | 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 | 13300                 | 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     | 12250                 | 1 tin of 10 discs |       | <b>6900-841 100</b> | 701623      |



## A 60 R

Perfect ★★★★★

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

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

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

### Power-Pack tin

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



| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 1.0 x 22.23 | 4 1/2 x 1/25 x 7/8 | 13300                 | 25                |       | <b>1110-240 100</b> | 110012      |
| 125 x 1.0 x 22.23 | 5 x 1/25 x 7/8     | 12250                 | 25                |       | <b>1120-240 100</b> | 120011      |
| Power Pack tin    |                    |                       |                   |       |                     |             |
| 115 x 1.0 x 22.23 | 4 1/2 x 1/25 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-987 100</b> | 7013194     |
| 125 x 1.0 x 22.23 | 5 x 1/25 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6900-988 100</b> | 701326      |

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



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



## AS 60 T INOX - "New Formula"

Superior ★★★★★☆

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

- New Formula: Improved formula for 20 % more cuts
- Particularly easy-cutting disc with good service life
- Clean, precise cut down to the millimetre – with minimal effort
- Low-burr to burr-free edges (saves reworking)
- No blue discolouration of the workpiece due to heat
- Iron- and sulphur-free

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

### Power-Pack tin

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



### Lifetime-Plus tin

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



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

| Ø in mm                  | Ø in inches        | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|--------------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 1 x 22.23          | 4 1/2 x 1/25 x 7/8 | 13300                 | 25                |       | <b>1111-240 100</b> | 111026      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 25                |       | <b>1121-240 100</b> | 121025      |
| Power Pack tin           |                    |                       |                   |       |                     |             |
| 115 x 1 x 22.23          | 4 1/2 x 1/25 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-935 100</b> | 701050      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6900-945 100</b> | 701067      |
| Lifetime-Plus tin        |                    |                       |                   |       |                     |             |
| 115 x 1 x 22.23          | 4 1/2 x 1/25 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-850 100</b> | 701203      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 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 | 13300                 | 1 tin of 25 discs |       | <b>6900-870 100</b> | 701401      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 1 tin of 25 discs |       | <b>6900-871 100</b> | 701418      |
| Bosch quick-mount X-LOCK |                    |                       |                   |       |                     |             |
| 115 x 1 x 22.23          | 4 1/2 x 1/25 x 7/8 | 13300                 | 25                |       | <b>1911-240 100</b> | 111088      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 25                |       | <b>1921-240 100</b> | 120646      |
| X-LOCK Lifetime-Plus tin |                    |                       |                   |       |                     |             |
| 115 x 1 x 22.23          | 4 1/2 x 1/25 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6901-030 100</b> | 703405      |
| 125 x 1 x 22.23          | 5 x 1/25 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6901-032 100</b> | 703429      |



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



This item is also available  
with the X-LOCK adapter



## AS 60 V INOX

### Evolution ★★★★★

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

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

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

#### Power-Pack tin

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



#### Lifetime-Plus tin

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



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

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

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

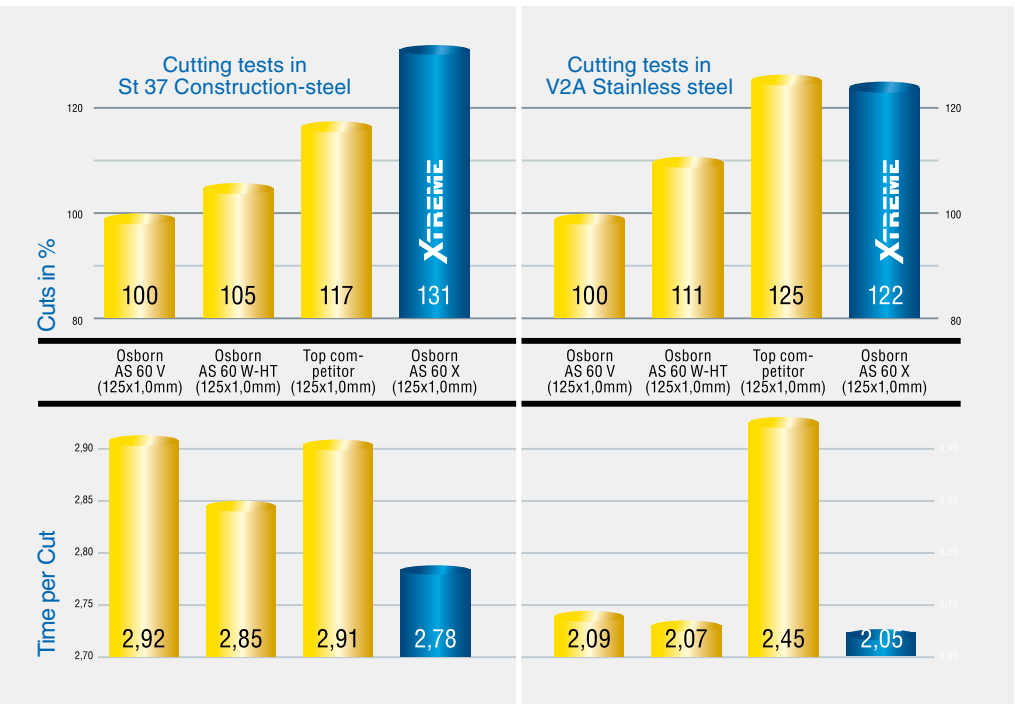
# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel

## Dronco AS 60 X INOX.

### A new dimension of cutting

A new grain and a sophisticated composition of additional individual components make it possible. Tests reveal an outstanding service life. These discs provide 25 % more cuts than the former AS 60 V and 15 % more than the main competitor. And since speed is an essential factor in winning, the new discs also need less time to finish your cutting job.





You can find information about our new Xtreme brushes on page 117.

## AS 60 X INOX

Xtreme ★★★★★

With a service life increased by 25 %, this 1 mm cutting disc sets new standards in the premium segment. For extremely fast cutting with minimum effort, precise to the millimeter.

- Fast work progress due to enormously high cutting performance
- Millimeter-accurate cutting with minimum effort
- Maximum service life and thus highest economic efficiency
- 25 % more cuts than with the present top product AS 60 V INOX
- Low burr to burr-free cuts (no reworking)
- No thermal blue discoloration of the workpiece
- Iron- and sulfur-free

**Field of application:** For thin sheet metal in car body, tank and container construction, steel cables, thin-walled profiles and pipes made of stainless steel, steel, non-ferrous metals or composites (GRP), high-temperature resistant materials (e.g. engine repair in turbine construction).

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

### Lifetime-Plus tin

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



| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 1 x 22,23   | 4 1/2 x 1/25 x 7/8 | 13300                 | 25                |       | <b>1111-746 100</b> | 112580      |
| 125 x 1 x 22,23   | 5 x 1/25 x 7/8     | 12250                 | 25                |       | <b>1121-746 100</b> | 122510      |
| Lifetime-Plus tin |                    |                       |                   |       |                     |             |
| 115 x 1 x 22,23   | 4 1/2 x 1/25 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6901-075 100</b> | 704501      |
| 125 x 1 x 22,23   | 5 x 1/25 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6901-085 100</b> | 704518      |



## DISPLAY XTREME AS 60 X INOX

Contains 24 pcs LifetimePlus tin of 10 discs.  
Optionally in diameter 115 mm or 125 mm

| Ø in mm         | Content              | PU    | Shape | Item code           |
|-----------------|----------------------|-------|-------|---------------------|
| 115 x 1 x 22,23 | 24 x tin of 10 discs | 1 Box |       | <b>6903-050 100</b> |
| 125 x 1 x 22,23 | 24 x tin of 10 discs | 1 Box |       | <b>6903-051 100</b> |

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



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



This item is also available  
with the X-LOCK adapter



## ACS 60 T MULTI / ACS 46 T MULTI

Superior ★★★★★☆

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

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

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

### Power-Pack tin

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



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



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

#### Additional user benefit

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



#### Power-Pack tin

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



| Ø in mm                  | Ø in Inch          | RPM min <sup>-1</sup> | VPE               | Form | Item no.            | EAN 4081600 |
|--------------------------|--------------------|-----------------------|-------------------|------|---------------------|-------------|
| Bosch quick-mount X-LOCK |                    |                       |                   |      |                     |             |
| 115 x 1,2 x 22,23        | 4 1/2 x 3/64 x 7/8 | 13300                 | 25                |      | <b>1911-360 100</b> | 111217      |
| 125 x 1,2 x 22,23        | 5 x 3/64 x 7/8     | 12250                 | 25                |      | <b>1921-360 100</b> | 120691      |
| X-LOCK Power-Pack-tin    |                    |                       |                   |      |                     |             |
| 115 x 1,2 x 22,23        | 4 1/2 x 3/64 x 7/8 | 13300                 | 1 tin of 10 discs |      | <b>6901-050 100</b> | 703443      |
| 125 x 1,2 x 22,23        | 5 x 3/64 x 7/8     | 12250                 | 1 tin of 10 discs |      | <b>6901-052 100</b> | 703450      |



## A 46 R

Perfect ★★★★★

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

- Good cutting ability and service life
- Almost no burr

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item no.            | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 1.6 x 22.23 | 4 1/2 x 1/16 x 7/8 | 13300                 | 25 |       | <b>1110-250 100</b> | 110036      |
| 125 x 1.6 x 22.23 | 5 x 1/16 x 7/8     | 12250                 | 25 |       | <b>1120-250 100</b> | 120035      |

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



## AS 46 T INOX

Superior ★★★★★☆

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

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

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



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

### Power-Pack tin

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



### Lifetime-Plus tin

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



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

| Ø in mm                  | Ø in inches        | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 | EAN 4081600 |
|--------------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|-------------|
| 115 x 1,6 x 22,23        | 4 1/2 x 1/16 x 7/8 | 13300                 | 25                |       | <b>1111-250 100</b> | 111118      |             |
| 125 x 1,6 x 22,23        | 5 x 1/16 x 7/8     | 12250                 | 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     | 8500                  | 25                |       | <b>1183-250 100</b> | 143119      |             |
| 230 x 1,9 x 22,23        | 9 x 5/64 x 7/8     | 6650                  | 25                |       | <b>1233-250 100</b> | 153118      |             |
| Power-Pack-tin           |                    |                       |                   |       |                     |             |             |
| 115 x 1,6 x 22,23        | 4 1/2 x 1/16 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-932 100</b> | 701180      |             |
| 125 x 1,6 x 22,23        | 5 x 1/16 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6900-941 100</b> | 701142      |             |
| Lifetime-Plus tin        |                    |                       |                   |       |                     |             |             |
| 115 x 1,6 x 22,23        | 4 1/2 x 1/16 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-780 100</b> | 702200      |             |
| 115 x 1,6 x 22,23        | 4 1/2 x 1/16 x 7/8 | 13300                 | 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     | 12250                 | 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     | 12250                 | 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     | 6650                  | 1 tin of 10 discs |       | <b>6900-855 100</b> | 701258      |             |
| Bosch quick-mount X-LOCK |                    |                       |                   |       |                     |             |             |
| 115 x 1,6 x 22,23        | 4 1/2 x 1/16 x 7/8 | 13300                 | 25                |       | <b>1911-250 100</b> | 111156      |             |
| 125 x 1,6 x 22,23        | 5 x 1/16 x 7/8     | 12250                 | 25                |       | <b>1921-250 100</b> | 120660      |             |



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



## AS 46 V INOX

Evolution ★★★★★

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

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

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

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

### Lifetime-Plus tin

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



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

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



You can find information about our new Xtreme brushes on page 117.

## AS 46 X INOX

Xtreme ★★★★★

With a service life increased by 20 % compared to our AS 46 V INOX, this 1.6 mm cutting disc sets new standards in the premium segment. A new abrasive grain in a bond optimised with functional additives gives the new cutting disc an enormous increase in performance. For fast cutting with minimum effort. The full cutting performance is already available at low contact pressure. And since speed is an essential factor for efficiency, the new Xtreme also needs less time to complete its cutting tasks.

- Fast work progress due to enormously high cutting performance
- Cutting with minimum effort
- Maximum service life and thus highest economic efficiency
- 20 % more cuts than with the present top product AS 46 V INOX
- Low burr to burr-free cuts (no reworking)
- No thermal blue discoloration of the workpiece
- Iron- and sulfur-free

**Field of application:** For sheet metal in car body, tank and container construction, steel cables, profiles and pipes made of stainless steel, standard steel or non-ferrous metals

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

### Lifetime-Plus tin

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



| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 1,6 x 22,23 | 4 1/2 x 1/16 x 7/8 | 13300                 | 25                |       | <b>1111-756 100</b> | 112597      |
| 125 x 1,6 x 22,23 | 5 x 1/16 x 7/8     | 12250                 | 25                |       | <b>1121-756 100</b> | 122534      |
| 180 x 1,6 x 22,23 | 7 x 1/16 x 7/8     | 10200                 | 25                |       | <b>1183-756 100</b> | 143225      |
| Lifetime-Plus tin |                    |                       |                   |       |                     |             |
| 115 x 1,6 x 22,23 | 4 1/2 x 1/16 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6901-076 100</b> | 704525      |
| 125 x 1,6 x 22,23 | 5 x 1/16 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6901-086 100</b> | 704532      |

## AS 46 X INOX - a new dimension of cutting



AS 46 V INOX

AS 46 X INOX



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



Jam-free  
cutting

## AS 60 T / AS 46 T INOX FreeCut

Superior ★★★★★☆

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

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

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

### Power-Pack tin

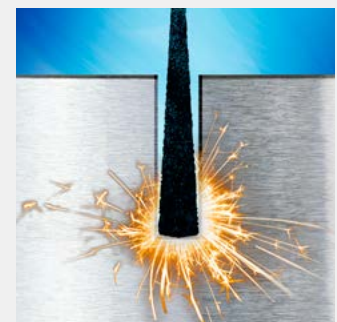
- 10 cutting discs in the popular metal tin
- An absolute sales hit, guaranteed to boost turnover



| Ø in mm              | Ø in inches         | RPM min <sup>-1</sup> | PU                | Shape | Item code           | EAN 4081600 |
|----------------------|---------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115x2.0/1.0x22.23    | 4 1/2x5/64–1/25x7/8 | 13300                 | 25                |       | <b>1111-340 100</b> | 111507      |
| 125x2.0/1.0x22.23    | 5x5/64–1/25x7/8     | 12250                 | 25                |       | <b>1121-340 100</b> | 121506      |
| AS 46 T INOX FreeCut |                     |                       |                   |       |                     |             |
| 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      | 8500                  | 25                |       | 1183-340 100        | 143508      |
| 230x3.0/2.0x22.23    | 9x5/64–1/8x7/8      | 6650                  | 25                |       | 1233-340 100        | 153507      |
| Power Pack tin       |                     |                       |                   |       |                     |             |
| 115x2.0/1.0x22.23    | 4 1/2x5/64–1/25x7/8 | 13300                 | 1 tin of 10 discs |       | 6900-937 100        | 704952      |
| 125x2.0/1.0x22.23    | 5x5/64–1/25x7/8     | 12250                 | 1 tin of 10 discs |       | 6900-947 100        | 704976      |

## The safe anti-kick-back disc

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



The cutting disc tapers  
towards the center

# METAL CUTTING DISCS

Free hand cutting discs | Stainless steel / steel



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



Combo cutting and  
grinding disc

## AS 46 T / AS 30 T INOX CUT+GRIND

Superior ★★★★★

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

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

**Field of application:** For solid material or profiles made of stain-  
less 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> | PU               | Shape | Item code    | EAN 4081600 |
|------------------------|--------------------|-----------------------|------------------|-------|--------------|-------------|
| 115 x 2.5 x 22.23      | 4 1/2 x 3/32 x 7/8 | 13300                 | 25               |       | 1113-270 100 | 113600      |
| 125 x 2.5 x 22.23      | 5 x 3/32 x 7/8     | 12250                 | 25               |       | 1123-270 100 | 123609      |
| AS 30 T INOX CUT+GRIND |                    |                       |                  |       |              |             |
| 180 x 3.5 x 22.23      | 7 x 1/8 x 7/8      | 8500                  | 25               |       | 1183-270 100 | 143607      |
| Power Pack tin         |                    |                       |                  |       |              |             |
| 115 x 2.5 x 22.23      | 4 1/2 x 3/32 x 7/8 | 13300                 | 1 tin of 5 discs |       | 6900-936 100 | 704983      |
| 125 x 2.5 x 22.23      | 5 x 3/32 x 7/8     | 12250                 | 1 tin of 5 discs |       | 6900-946 100 | 704969      |

## The ingenious cutting and grinding disc combo

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



Deburr or grind immediately without changing discs.



## AS 30 S INOX

Superior ★★★★★☆

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

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

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

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



## AS 30 T INOX

Superior ★★★★★☆

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

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

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 2.2 x 22.23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | <b>1111-905 100</b> | 111293      |
| 125 x 2.2 x 22.23 | 5 x 3/32 x 7/8     | 12250                 | 25 |       | <b>1121-905 100</b> | 121292      |
| 180 x 2.2 x 22.23 | 7 x 3/32 x 7/8     | 8500                  | 25 |       | <b>1181-905 100</b> | 141290      |
| 230 x 2.2 x 22.23 | 9 x 3/32 x 7/8     | 6650                  | 25 |       | <b>1231-905 100</b> | 151299      |

# METAL CUTTING DISCS

Free hand cutting discs | Steel



## A 24 R

Perfect ★★★★★

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

- Good cutting speed
- Good service life

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|--------------|-------------|
| 100 x 3 x 16      | 4 x 1/8 x 5/8      | 15300                 | 25 |       | 1100-015 100 | 100006      |
| 100 x 3 x 16      | 4 x 1/8 x 5/8      | 15300                 | 25 |       | 1102-015 100 | 102000      |
| 115 x 2,5 x 22,23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | 1110-060 100 | 110029      |
| 115 x 2,5 x 22,23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | 1112-060 100 | 112023      |
| 115 x 3 x 22,23   | 4 1/2 x 1/8 x 7/8  | 13300                 | 25 |       | 1110-015 100 | 110005      |
| 115 x 3 x 22,23   | 4 1/2 x 1/8 x 7/8  | 13300                 | 25 |       | 1112-015 100 | 112009      |
| 125 x 2,5 x 22,23 | 5 x 3/32 x 7/8     | 12250                 | 25 |       | 1120-060 100 | 120028      |
| 125 x 2,5 x 22,23 | 5 x 3/32 x 7/8     | 12250                 | 25 |       | 1122-060 100 | 122022      |
| 125 x 3 x 22,23   | 5 x 1/8 x 7/8      | 12250                 | 25 |       | 1120-015 100 | 120004      |
| 125 x 3 x 22,23   | 5 x 1/8 x 7/8      | 12250                 | 25 |       | 1122-015 100 | 122508      |
| 150 x 3 x 22,23   | 6 x 1/8 x 7/8      | 10200                 | 25 |       | 1150-015 100 | 130003      |
| 150 x 3 x 22,23   | 6 x 1/8 x 7/8      | 10200                 | 25 |       | 1152-015 100 | 132007      |
| 180 x 2,5 x 22,23 | 7 x 3/32 x 7/8     | 8500                  | 25 |       | 1180-060 100 | 140026      |
| 180 x 3 x 22,23   | 7 x 1/8 x 7/8      | 8500                  | 25 |       | 1180-015 100 | 140002      |
| 180 x 3 x 22,23   | 7 x 1/8 x 7/8      | 8500                  | 25 |       | 1182-015 100 | 142006      |
| 230 x 2,5 x 22,23 | 9 x 3/32 x 7/8     | 6650                  | 25 |       | 1230-060 100 | 150025      |
| 230 x 2,5 x 22,23 | 9 x 3/32 x 7/8     | 6650                  | 25 |       | 1232-060 100 | 152029      |
| 230 x 3 x 22,23   | 9 x 1/8 x 7/8      | 6650                  | 25 |       | 1230-015 100 | 150001      |
| 230 x 3 x 22,23   | 9 x 1/8 x 7/8      | 6650                  | 25 |       | 1232-015 100 | 152005      |
| 300 x 3,5 x 20,0  | 12 x 1/8 x 3/4     | 5100                  | 25 |       | 1300-225 100 | 160093      |
| 300 x 3,5 x 22,23 | 12 x 1/8 x 7/8     | 5100                  | 25 |       | 1300-226 100 | 160116      |



## AS 30 S

Superior ★★★★★

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

- Good cutting speed
- Long service life

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

| Ø in mm           | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-------------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 100 x 3 x 16      | 4 x 1/8 x 5/8     | 15300                 | 25 |       | <b>1103-115 100</b> | 103007      |
| 115 x 3 x 22.23   | 4 1/2 x 1/8 x 7/8 | 13300                 | 25 |       | <b>1111-115 100</b> | 111002      |
| 115 x 3 x 22.23   | 4 1/2 x 1/8 x 7/8 | 13300                 | 25 |       | <b>1113-115 100</b> | 113006      |
| 125 x 3 x 22.23   | 5 x 1/8 x 7/8     | 12250                 | 25 |       | <b>1121-115 100</b> | 121001      |
| 125 x 3 x 22.23   | 5 x 1/8 x 7/8     | 12250                 | 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     | 8500                  | 25 |       | <b>1181-115 100</b> | 141009      |
| 180 x 3 x 22.23   | 7 x 1/8 x 7/8     | 8500                  | 25 |       | <b>1183-115 100</b> | 143003      |
| 230 x 3 x 22.23   | 9 x 1/8 x 7/8     | 6650                  | 25 |       | <b>1231-115 100</b> | 151008      |
| 230 x 3 x 22.23   | 9 x 1/8 x 7/8     | 6650                  | 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> | 161507      |
| 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      |

# METAL CUTTING DISCS

Free hand cutting discs | Steel



## AS 30 T

Superior ★★★★★☆

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

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

**Field of application:** For sheet steel.

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



## AS 30 S HT

Evolution ★★★★★

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

- Rapid work progress
- Long service life

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

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

# METAL CUTTING DISCS

Free hand cutting discs | Steel



## AS 30 V Evolution ★★★★★

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

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

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

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



AS 36 V  
Evolution ★★★★★

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

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

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|---------------------|-------------|
| 100 x 2.2 x 16    | 4 x 3/32 x 5/8     | 15300                 | 25 |       | <b>1101-070 100</b> | 101256      |
| 115 x 2.2 x 22.23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | <b>1111-070 100</b> | 111255      |
| 125 x 2.2 x 22.23 | 5 x 3/32 x 7/8     | 12250                 | 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     | 8500                  | 25 |       | <b>1181-070 100</b> | 141252      |
| 230 x 2.2 x 22.23 | 9 x 3/32 x 7/8     | 6650                  | 25 |       | <b>1231-070 100</b> | 151251      |

# METAL CUTTING DISCS

Free hand cutting discs | Aluminium



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

## CS 60 ALU

Superior ★★★★★☆

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

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

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|--------------|-------------|
| 115 x 1.2 x 22.23 | 4 1/2 x 3/64 x 7/8 | 13300                 | 25 |       | 1111-150 100 | 111163      |
| 125 x 1.2 x 22.23 | 5 x 3/64 x 7/8     | 12250                 | 25 |       | 1121-150 100 | 121063      |



## CS 46 ALU

Superior ★★★★★☆

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

- No clogging of cutting surfaces
- Good service life

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

| Ø in mm           | Ø in inches    | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-------------------|----------------|-----------------------|----|-------|--------------|-------------|
| 150 x 1.6 x 22.23 | 6 x 1/16 x 7/8 | 10200                 | 25 |       | 1153-150 100 | 133066      |
| 180 x 1.6 x 22.23 | 7 x 1/16 x 7/8 | 8500                  | 25 |       | 1183-150 100 | 143041      |
| 230 x 1.9 x 22.23 | 9 x 5/64 x 7/8 | 6650                  | 25 |       | 1233-150 100 | 153033      |



## AS 24 R BAHN

Superior ★★★★★

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

- Good cutting speed

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

| Ø in mm           | Ø in inches     | RPM min <sup>-1</sup> | PU | 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      |

# METAL CUTTING DISCS

## Mini cutting discs



### AS 46 T Mini

Superior ★★★★★☆

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

Please select the right bore!

- Good cutting speed
- Good service life

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

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



### Tensioning shaft for mini cutting discs

Superior ★★★★★☆

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

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



## A 30 S

Perfect ★★★★★

All-purpose soft standard disc for stationary cutting machines.

- Good cutting speed
- Good service life

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

| Ø in mm          | Ø in inches      | RPM min <sup>-1</sup> | PU | 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.

| Ø in mm          | Ø in inches        | RPM min <sup>-1</sup> | PU | 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      |

# METAL CUTTING DISCS

Discs for stationary cutting machines / chop saws



## AS 36 T

Superior ★★★★★☆

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

- Good cutting speed
- Good service life

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

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



## AS 36 S INOX

Superior ★★★★★☆

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

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

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

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

## User tip

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

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



## Stone cutting discs

|                                             |    |
|---------------------------------------------|----|
| General information                         | 52 |
| Free hand cutting discs   Stone             | 55 |
| Free hand cutting discs   Asphalt / Ductile | 58 |

# STONE CUTTING DISCS

General information

## Important info at a glance

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

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

## DISC SPECIFICATIONS

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

**Field of application**  
STEIN / STONE  
PIERRE / PIEDRA  
PIETRA

**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.

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

**max. speed**  
RPM MAX 12.250  
MAX. 80 m/s

**max. circumferential speed**

**EAN code**  
4 081600 120042

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

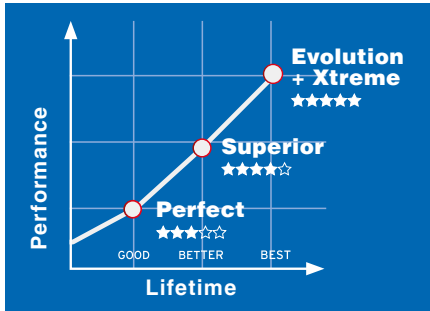
**Expiry date (quarter/year)**  
2022

**Quality line**  
PERFECT ★★★★★  
DRONCO C 60 R-BF

**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

## QUALITY LINES FOR EVERY REQUIREMENT



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

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

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

### ★★★★☆ Superior

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.



# STONE CUTTING DISCS

General information

## APPLICATION TABLE STONE CUTTING DISCS

|                                                 |                  | 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 |
|-------------------------------------------------|------------------|---------|----------|---------------|-----------------|---------|-----------------|---------------|--------|-------|----------------|-------|----------|------------|----------------------------|--------|---------------|
| ●●                                              | very suitable    |         |          |               |                 |         |                 |               |        |       |                |       |          |            |                            |        |               |
| ●                                               | suitable         |         |          |               |                 |         |                 |               |        |       |                |       |          |            |                            |        |               |
| ○                                               | limited suitable |         |          |               |                 |         |                 |               |        |       |                |       |          |            |                            |        |               |
| <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

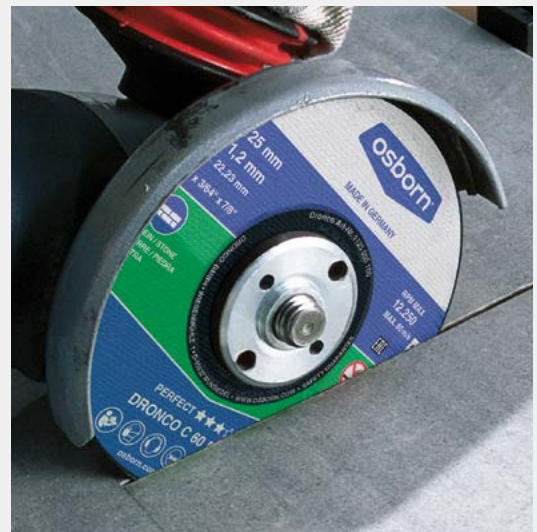
- Considerably higher cutting speed
- Cuts significantly faster

#### 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





## 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> | PU                | Shape | Item code           | EAN 4081600 |
|-------------------|--------------------|-----------------------|-------------------|-------|---------------------|-------------|
| 115 x 1.2 x 22.23 | 4 1/2 x 3/64 x 7/8 | 13300                 | 25                |       | <b>1115-000 100</b> | 110043      |
| 125 x 1.2 x 22.23 | 5 x 3/64 x 7/8     | 12250                 | 25                |       | <b>1125-000 100</b> | 120042      |
| Power Pack tin    |                    |                       |                   |       |                     |             |
| 115 x 1.2 x 22.23 | 4 1/2 x 3/64 x 7/8 | 13300                 | 1 tin of 10 discs |       | <b>6900-955 100</b> | 701074      |
| 125 x 1.2 x 22.23 | 5 x 3/64 x 7/8     | 12250                 | 1 tin of 10 discs |       | <b>6900-965 100</b> | 701081      |



## C 46 R

Perfect ★★★★★

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

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

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

| Ø in mm           | Ø in inches    | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-------------------|----------------|-----------------------|----|-------|---------------------|-------------|
| 230 x 1.9 x 22.23 | 9 x 5/64 x 7/8 | 6650                  | 25 |       | <b>1238-250 100</b> | 157116      |

# STONE CUTTING DISCS

Free hand cutting discs | Stone



## C 24 R

Perfect ★★☆☆

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

- Fast cutting
- Good service life

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

| Ø in mm           | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-------------------|--------------------|-----------------------|----|-------|--------------|-------------|
| 100 x 3 x 16      | 4 x 1/8 x 5/8      | 15300                 | 25 |       | 1105-015 100 | 105001      |
| 100 x 3 x 16      | 4 x 1/8 x 5/8      | 15300                 | 25 |       | 1107-015 100 | 107005      |
| 115 x 2,5 x 22,23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | 1115-060 100 | 115024      |
| 115 x 2,5 x 22,23 | 4 1/2 x 3/32 x 7/8 | 13300                 | 25 |       | 1117-060 100 | 117028      |
| 115 x 3 x 22,23   | 4 1/2 x 1/8 x 7/8  | 13300                 | 25 |       | 1115-015 100 | 115000      |
| 115 x 3 x 22,23   | 4 1/2 x 1/8 x 7/8  | 13300                 | 25 |       | 1117-015 100 | 117004      |
| 125 x 2,5 x 22,23 | 5 x 3/32 x 7/8     | 12250                 | 25 |       | 1125-060 100 | 125023      |
| 125 x 2,5 x 22,23 | 5 x 3/32 x 7/8     | 12250                 | 25 |       | 1127-060 100 | 127027      |
| 125 x 3 x 22,23   | 5 x 1/8 x 7/8      | 12250                 | 25 |       | 1125-015 100 | 125009      |
| 125 x 3 x 22,23   | 5 x 1/8 x 7/8      | 12250                 | 25 |       | 1127-015 100 | 127003      |
| 180 x 2,5 x 22,23 | 7 x 3/32 x 7/8     | 8500                  | 25 |       | 1185-060 100 | 145021      |
| 180 x 3 x 22,23   | 7 x 1/8 x 7/8      | 8500                  | 25 |       | 1185-015 100 | 145007      |
| 180 x 3 x 22,23   | 7 x 1/8 x 7/8      | 8500                  | 25 |       | 1187-015 100 | 147001      |
| 230 x 2,5 x 22,23 | 9 x 3/32 x 7/8     | 6650                  | 25 |       | 1235-060 100 | 155020      |
| 230 x 3 x 22,23   | 9 x 1/8 x 7/8      | 6650                  | 25 |       | 1235-015 100 | 155006      |
| 230 x 3 x 22,23   | 9 x 1/8 x 7/8      | 6650                  | 25 |       | 1237-015 100 | 157000      |
| 300 x 3,5 x 22,23 | 12 x 1/8 x 7/8     | 5100                  | 25 |       | 1305-225 100 | 165098      |



## CS 24 R

Superior ★★★★★

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

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

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

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 3 x 22.23 | 4 1/2 x 1/8 x 7/8 | 13300                 | 25 |       | <b>1116-015 100</b> | 116007      |
| 115 x 3 x 22.23 | 4 1/2 x 1/8 x 7/8 | 13300                 | 25 |       | <b>1118-015 100</b> | 118001      |
| 125 x 3 x 22.23 | 5 x 1/8 x 7/8     | 12250                 | 25 |       | <b>1126-015 100</b> | 126006      |
| 125 x 3 x 22.23 | 5 x 1/8 x 7/8     | 12250                 | 25 |       | <b>1128-015 100</b> | 128000      |
| 180 x 3 x 22.23 | 7 x 1/8 x 7/8     | 8500                  | 25 |       | 1186-015 100        | 146004      |
| 230 x 3 x 22.23 | 9 x 1/8 x 7/8     | 6650                  | 25 |       | <b>1236-015 100</b> | 156003      |
| 230 x 3 x 22.23 | 9 x 1/8 x 7/8     | 6650                  | 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> | 166502      |
| 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> | 176501      |
| 350 x 4 x 25.4  | 14 x 5/32 x 1     | 5500                  | 10 |       | <b>1356-037 100</b> | 176025      |

# STONE CUTTING DISCS

Free hand cutting discs | Asphalt / Ductile



## CS 30 ASPHALT / DUKTIL

Superior ★★★★★☆

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

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

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

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

## Grinding discs

---

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

# GRINDING DISCS

General information

## Important info at a glance

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

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

## DISC SPECIFICATIONS

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

**Field of application**

**Colour coding system**  
Red – colour used for grinding discs

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

**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 quality. Our grinding discs are primarily produced and tested in Germany.

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

**EAN code**

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

**Expiry date (quarter/year)**

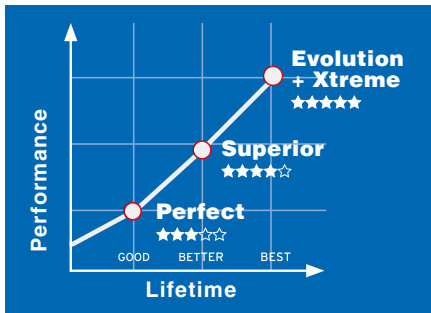
**Quality line**

**Safety information**

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

**Disc Label Information:**  
osborn  
MADE IN GERMANY  
Dronco Art-Nr. 3124 560 100  
RPM MAX 12.250  
MAX. 80 m/s  
EAC  
4 081600 323191  
EN 12413  
ceramic INSIDE 2.0  
EVOLUTION ★★★★★ CERA MAXX  
DRONCO AK 24 V-BF  
osborn.com/safety  
Fe/Si/Cl ≤ 0,1%  
STAHL/EDELSTAHL  
STEEL/STAINLESS STEEL  
ACIERO/ACIER INOX  
ACERO/ACERO INOXIDABLE  
ACCIAIO/ACCIAIO INOSSIDABILE  
Dronco GmbH • WIESSENHÜLE 1 • D-89632 WUNSIEDEN • WWW.OSBORN.COM • SAFETY GUARANTEE

## 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 / Xtreme

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 and Xtreme Line by its label with five stars.



### ★★★★☆ Superior

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.



# GRINDING DISCS

General information

## 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 |
|---------------------------------------------------|------|------------------------------------------|-------------------------------|------------|--------------------------|-------------|-----------------------|--------------|-----------|--------------------|
| ●● very suitable                                  |      |                                          |                               |            |                          |             |                       |              |           |                    |
| ● suitable                                        |      |                                          |                               |            |                          |             |                       |              |           |                    |
| ◐ limited suitability                             |      |                                          |                               |            |                          |             |                       |              |           |                    |
| <b>Grinding discs for steel</b>                   |      |                                          |                               |            |                          |             |                       |              |           |                    |
| A 30 T Perfect                                    | 63   | ●●                                       | ◐                             | ◐          |                          | ●           |                       | ◐            | ◐         | ◐                  |
| AS 30 R Superior                                  | 64   | ●●                                       | ●●                            | ●●         |                          | ●           |                       | ●●           | ●         | ●                  |
| AS 24/30 T Superior                               | 64   | ●●                                       | ●                             | ●          |                          | ●●          |                       | ●●           | ◐         | ●                  |
| <b>Grinding discs for stainless steel / steel</b> |      |                                          |                               |            |                          |             |                       |              |           |                    |
| AS 30 S INOX Superior                             | 65   | ●                                        | ●                             | ●          | ●●                       | ●           | ●●                    | ●            | ●         | ◐                  |
| AS 30 T INOX Superior                             | 65   | ●                                        | ●                             | ●●         | ●●                       | ●           | ●●                    | ●●           | ●         | ◐                  |
| AZ 30 S Evolution                                 | 66   | ●●                                       | ●                             | ●●         | ●●                       | ●           | ●●                    | ●●           | ●●        | ●                  |
| AZ 30 T Evolution                                 | 66   | ●●                                       | ●                             | ●●         | ●●                       | ●           | ●●                    | ●●           | ●●        | ●                  |
| AK 36 T Evolution CeraMaxx                        | 67   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●●           | ●●        | ●                  |
| AK 24 V Evolution CeraMaxx                        | 68   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●●           | ●●        | ●                  |
| <b>Grinding discs for cast iron</b>               |      |                                          |                               |            |                          |             |                       |              |           |                    |
| AS 24 S Cast Iron Superior                        | 69   | ◐                                        |                               |            |                          | ◐           |                       |              | ●●        | ●●                 |
| <b>Grinding discs for aluminium</b>               |      |                                          |                               |            |                          |             |                       |              |           |                    |
| AS 46 Alu Superior                                | 70   | ◐                                        |                               |            |                          | ◐           |                       |              | ●         | ●●                 |
| <b>Mini grinding discs</b>                        |      |                                          |                               |            |                          |             |                       |              |           |                    |
| AS 46 T Mini Superior                             | 71   | ●                                        | ●                             | ●          | ◐                        | ●           | ◐                     | ◐            | ◐         | ◐                  |

### Stone grinding discs

|                                 | Page | Concrete | Granite | Sand-lime brick | Clinker brick | Marble | Porcelain | Fireproof clay | Slate | Terrazzo | Clay pipes | Exposed aggregate concrete |
|---------------------------------|------|----------|---------|-----------------|---------------|--------|-----------|----------------|-------|----------|------------|----------------------------|
| ●● very suitable                |      |          |         |                 |               |        |           |                |       |          |            |                            |
| ● suitable                      |      |          |         |                 |               |        |           |                |       |          |            |                            |
| ◐ limited suitability           |      |          |         |                 |               |        |           |                |       |          |            |                            |
| <b>Grinding discs for stone</b> |      |          |         |                 |               |        |           |                |       |          |            |                            |
| CS 30 S Superior                | 72   | ●●       | ●       | ●●              | ●             | ●      | ●         | ●              | ●     | ●        | ●          | ●                          |



## 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 <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 100 x 6 x 16    | 4 x 1/4 x 5/8     | 15300                 | 10 |       | <b>3106-040 100</b> | 300024      |
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | <b>3116-040 100</b> | 310023      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 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     | 8500                  | 10 |       | <b>3186-041 100</b> | 340020      |
| 180 x 8 x 22.23 | 7 x 5/16 x 7/8    | 8500                  | 10 |       | <b>3188-040 100</b> | 340082      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | <b>3236-041 100</b> | 350029      |
| 230 x 8 x 22.23 | 9 x 5/16 x 7/8    | 6650                  | 10 |       | <b>3238-040 100</b> | 350067      |

# GRINDING DISCS

Grinding discs | Steel



## 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 <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|--------------|-------------|
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | 3116-500 100 | 313000      |
| 125 x 4 x 22.23 | 5 x 5/32 x 7/8    | 12250                 | 10 |       | 3124-500 100 | 323016      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 10 |       | 3126-500 100 | 323009      |
| 150 x 6 x 22.23 | 6 x 1/4 x 7/8     | 10200                 | 10 |       | 3156-500 100 | 333008      |
| 180 x 6 x 22.23 | 7 x 1/4 x 7/8     | 8500                  | 10 |       | 3186-500 100 | 343014      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | 3236-500 100 | 353006      |



## AS 24/30 T

Superior ★★★★★☆

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

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

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

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



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

## AS 30 S INOX

Superior ★★★★★☆

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

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

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

| Ø in mm                  | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|--------------------------|--------------------|-----------------------|----|-------|---------------------|-------------|
| 100 x 6 x 16             | 4 x 1/4 x 5/8      | 15300                 | 10 |       | <b>3106-540 100</b> | 303063      |
| 115 x 4 x 22.23          | 4 1/2 x 5/32 x 7/8 | 13300                 | 10 |       | <b>3114-540 100</b> | 313093      |
| 115 x 6 x 22.23          | 4 1/2 x 1/4 x 7/8  | 13300                 | 10 |       | <b>3116-540 100</b> | 313062      |
| 125 x 4 x 22.23          | 5 x 5/32 x 7/8     | 12250                 | 10 |       | <b>3124-540 100</b> | 323030      |
| 125 x 6 x 22.23          | 5 x 1/4 x 7/8      | 12250                 | 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      | 8500                  | 10 |       | <b>3186-540 100</b> | 343090      |
| 230 x 6 x 22.23          | 9 x 1/4 x 7/8      | 6650                  | 10 |       | <b>3236-540 100</b> | 353051      |
| Bosch quick-mount X-LOCK |                    |                       |    |       |                     |             |
| 115 x 6 x 22.23          | 4 1/2 x 1/4 x 7/8  | 13300                 | 25 |       | <b>3916-540 100</b> | 313086      |
| 125 x 6 x 22.23          | 5 x 1/4 x 7/8      | 12250                 | 25 |       | <b>3926-540 100</b> | 320312      |



## AS 30 T INOX

Superior ★★★★★☆

Our premium grinding disc for stainless steel applications.

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

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

| Ø in mm         | Ø in inches        | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|--------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 7 x 22.23 | 4 1/2 x 9/32 x 7/8 | 13300                 | 10 |       | <b>3117-545 100</b> | 313307      |
| 125 x 7 x 22.23 | 5 x 9/32 x 7/8     | 12250                 | 10 |       | <b>3127-545 100</b> | 323306      |
| 180 x 7 x 22.23 | 7 x 9/32 x 7/8     | 8500                  | 10 |       | <b>3187-545 100</b> | 343304      |
| 230 x 7 x 22.23 | 9 x 9/32 x 7/8     | 6650                  | 10 |       | <b>3237-545 100</b> | 353303      |

# GRINDING DISCS

Grinding discs | Stainless steel/steel



## AZ 30 S INOX

Evolution ★★★★★

Powerful, medium-hard grinding disc with zirconium corundum.

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

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

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | <b>3116-560 100</b> | 313253      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 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     | 8500                  | 10 |       | <b>3186-560 100</b> | 343250      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | <b>3236-560 100</b> | 353259      |



## AZ 30 T INOX

Evolution ★★★★★

Grinding disc with 25% proportion of zirconium corundum.

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

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

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | <b>3116-550 100</b> | 313215      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 10 |       | <b>3126-550 100</b> | 323214      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | <b>3236-550 100</b> | 353266      |



## AK 36 T CeraMaxx

Evolution ★★★★★

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

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

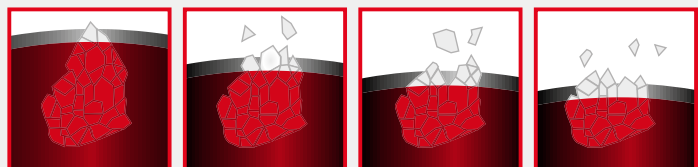
**Field of application:** This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel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

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 3 x 22.23 | 4 1/2 x 1/8 x 7/8 | 13300                 | 10 |       | <b>3113-551 100</b> | 311112      |
| 125 x 3 x 22.23 | 5 x 1/8 x 7/8     | 12250                 | 10 |       | <b>3123-551 100</b> | 320145      |

### CeraMaxx

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

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



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

# GRINDING DISCS

Grinding discs | Stainless steel/steel



## AK 24 V CeraMaxx

Evolution ★★★★★

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

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

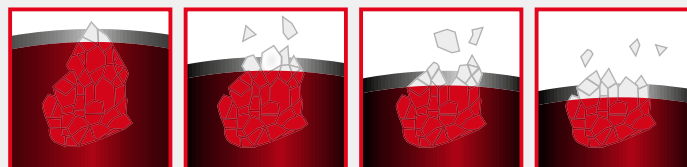
**Field of application:** This grinding disc is ideal for the most demanding grinding tasks such as: Preparing and removing welding seams, removing weld spatters, descaling and rough deburring, grinding work on metals, fettling. For stainless steel, steel, high-alloy steels, chromium steel, chrome nickel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

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

## CeraMaxx

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

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



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



## AS 24 S CAST IRON

Superior ★★★★★☆

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

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

**Field of application:** Cast iron.

| Ø in mm         | Ø in inches    | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-----------------|----------------|-----------------------|----|-------|--------------|-------------|
| 180 x 7 x 22.23 | 7 x 9/32 x 7/8 | 8500                  | 10 |       | 3187-860 100 | 343182      |
| 230 x 7 x 22.23 | 9 x 9/32 x 7/8 | 6650                  | 10 |       | 3237-860 100 | 353181      |

### Expert tip when using cast iron grinding discs

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

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

# GRINDING DISCS

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.

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code           | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|---------------------|-------------|
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | <b>3116-580 100</b> | 313079      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 10 |       | <b>3126-580 100</b> | 323078      |
| 150 x 6 x 22.23 | 6 x 1/4 x 7/8     | 10200                 | 10 |       | 3156-580 100        | 333077      |
| 180 x 6 x 22.23 | 7 x 1/4 x 7/8     | 8500                  | 10 |       | <b>3186-580 100</b> | 343076      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | <b>3236-580 100</b> | 353075      |



## AS 46 T MINI

Superior ★★★★★☆

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

- Good removal rate
- Good service life

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

| Ø in mm     | Ø in inches       | RPM min-1 | PU | Shape                                                                             | Item code           | 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

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.

| Ø in mm         | Ø in inches       | RPM min <sup>-1</sup> | PU | Shape | Item code    | EAN 4081600 |
|-----------------|-------------------|-----------------------|----|-------|--------------|-------------|
| 115 x 6 x 22.23 | 4 1/2 x 1/4 x 7/8 | 13300                 | 10 |       | 3116-660 100 | 313109      |
| 125 x 6 x 22.23 | 5 x 1/4 x 7/8     | 12250                 | 10 |       | 3126-660 100 | 323108      |
| 180 x 6 x 22.23 | 7 x 1/4 x 7/8     | 8500                  | 10 |       | 3186-660 100 | 343106      |
| 230 x 6 x 22.23 | 9 x 1/4 x 7/8     | 6650                  | 10 |       | 3236-660 100 | 353105      |

## Flap discs

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|                                                  |    |
|--------------------------------------------------|----|
| General information                              | 74 |
| Flap discs with normal corundum                  | 78 |
| Flap discs with zirconium corundum               | 80 |
| Flap discs with ceramic abrasive grain           | 90 |
| Flap discs with ceramic grain or silicon carbide | 92 |

# FLAP DISCS

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

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

### DESCRIPTION

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

#### Safety information

#### Product safety

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

#### Field of application



#### Dimensions

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

#### max. speed

#### max. circumferential speed

#### EAN code

#### Grit size

#### Quality line

#### Type of abrasive grain

#### Type designation

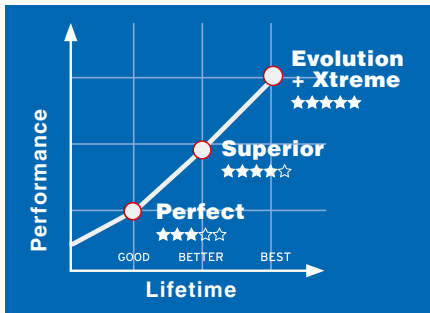
#### Shape of flap disc

Flat

Tapered



## 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 and Xtreme

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 and Xtreme Line by its label with five stars.



### ★★★★☆ Superior

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.



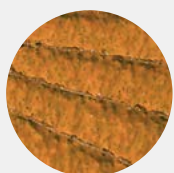
# FLAP DISCS

## 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.

#### Ceramic grain abrasive cloth



**CERA MAXX**

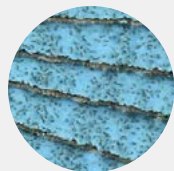
High-tech abrasive cloth with self-sharpening ceramic abrasive grain in an innovative bond system. Significantly higher aggressiveness with noticeably less wear guarantee a maximum removal rate, particularly for edge grinding, and an excellent service life. An additional top coat results in cooler grinding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



**CERA PLUS**

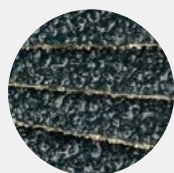
High-quality abrasive cloth with permanently self-sharpening ceramic abrasive grain. Guarantees an outstanding removal rate and a long service life. Cool grinding on surfaces and edges. Reduces discolourations on the tool surface. Robust polyester cloth for demanding grinding tasks on stainless steel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

#### Zirconium abrasive cloth



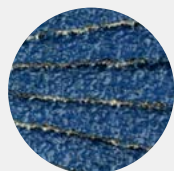
**ZIRCON MAXX**

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



**ZIRCON PLUS  
ZIRCON FLX  
ZIRCON SPEED**

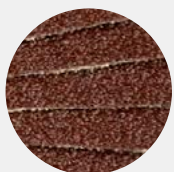
Top-quality zirconium abrasive cloth Robust cotton-polyester backing for the very best results on surfaces and edges. For stainless steel and steel. This abrasive cloth stands out thanks to its very good service life and well-balanced grinding properties.



**ZIRCON JUMBO  
ZIRCON POWER  
ZIRCON TRIM**

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

#### Aluminium oxide abrasive cloth



**ALOX POWER  
ALOX GRIND+  
ALOX FINISH**

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

**SIC POWER****Silicon carbide abrasive cloth**

Polyester abrasive cloth with silicon carbide abrasive grain.  
The problem solver for processing aluminum and stone. The very hard abrasive grain ensures a good stock removal and convinces by a good tool life.

## APPLICATION TABLE

### FLAP DISCS

| <ul style="list-style-type: none"> <li>●●● extremely suitable</li> <li>●● very suitable</li> <li>● suitable</li> </ul> | 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 | Aluminum | Wood | Plastic | Stone |
|------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|-------------------------------|------------|--------------------------|-------------|-----------------------|---------------|-----------|--------------------|----------|------|---------|-------|
| <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                                                                                                    | 82   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●●            | ●●        | ●                  |          | ●    | ●       |       |
| Perfect ZIRCON JUMBO                                                                                                   | 83   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●●            | ●●        | ●                  |          | ●    | ●       |       |
| Superior ZIRCON PLUS                                                                                                   | 84   | ●●                                       | ●●                            | ●●         | ●●                       | ●●●         | ●●●                   | ●●            | ●●●       | ●                  |          | ●    | ●       |       |
| Superior ZIRCON PRIME G-AZ                                                                                             | 85   | ●●                                       | ●●                            | ●●         | ●●                       | ●●●         | ●●●                   | ●●            | ●●●       | ●                  |          | ●    | ●       |       |
| Evolution ZIRCON SPEED                                                                                                 | 86   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●             | ●●        | ●                  |          | ●    | ●       |       |
| Evolution ZIRCON FLX                                                                                                   | 87   | ●●                                       | ●●                            | ●●         | ●●                       | ●●          | ●●                    | ●             | ●●        | ●                  |          | ●    | ●       |       |
| Evolution ZIRCON MAXX                                                                                                  | 88   | ●●●                                      | ●●●                           | ●●●        | ●●●                      | ●●●         | ●●●                   | ●●●           | ●●        | ●●                 |          | ●    | ●       |       |
| <b>Flap discs ceramic grain</b>                                                                                        |      |                                          |                               |            |                          |             |                       |               |           |                    |          |      |         |       |
| Superior CERA PLUS                                                                                                     | 90   | ●●●                                      | ●●●                           | ●●●        | ●●●                      | ●●●         | ●●●                   | ●●●           | ●●        | ●●                 |          | ●    | ●       |       |
| Evolution CERA MAXX                                                                                                    | 91   | ●●●                                      | ●●●                           | ●●●        | ●●●                      | ●●●         | ●●●                   | ●●●           | ●●        | ●●                 |          | ●    | ●       |       |
| <b>Flap discs silicon carbide</b>                                                                                      |      |                                          |                               |            |                          |             |                       |               |           |                    |          |      |         |       |
| Perfect SIC POWER                                                                                                      | 92   |                                          |                               |            |                          |             |                       |               | ●         | ●●                 | ●●       |      | ●       | ●●    |

# FLAP DISCS

Flap discs with normal corundum



## ALOX POWER

Perfect ★★★★★

**Cost-effective product for processing steel and wood.**

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

- Quick machining
- Fine surface structure
- Good lifetime

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

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



## ALOX GRIND+FINISH

Evolution ★★★★★

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

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

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

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

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

### Three different combinations



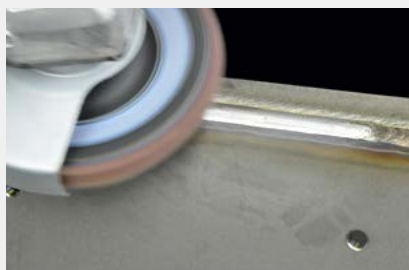
60 + coarse



80 + medium



120 + fine



Removal of welding seams and attractive finish in a single process

# FLAP DISCS

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 <sup>-1</sup> | Grit | PU | Shape | Item code           | EAN 4081600 |
|-------------|-------------|-----------------------|------|----|-------|---------------------|-------------|
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 40   | 10 |       | <b>5231-184 100</b> | 560404      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 60   | 10 |       | <b>5231-186 100</b> | 560411      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 80   | 10 |       | <b>5231-187 100</b> | 560428      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 40   | 10 |       | <b>5232-184 100</b> | 560602      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 60   | 10 |       | <b>5232-186 100</b> | 560619      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 80   | 10 |       | <b>5232-187 100</b> | 560626      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 40   | 10 |       | <b>5231-384 100</b> | 560503      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 60   | 10 |       | <b>5231-386 100</b> | 560510      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 80   | 10 |       | <b>5231-387 100</b> | 560527      |
| 115 x 22,23 | 4 1/2 x 7/8 | 13300                 | 120  | 10 |       | <b>5231-389 100</b> | 560534      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 40   | 10 |       | <b>5232-384 100</b> | 560701      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 60   | 10 |       | <b>5232-386 100</b> | 560718      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 80   | 10 |       | <b>5232-387 100</b> | 560725      |
| 125 x 22,23 | 5 x 7/8     | 12250                 | 120  | 10 |       | <b>5232-389 100</b> | 560732      |
| 180 x 22,23 | 7 x 7/8     | 8500                  | 40   | 10 |       | <b>5238-384 100</b> | 560800      |
| 180 x 22,23 | 7 x 7/8     | 8500                  | 60   | 10 |       | <b>5238-386 100</b> | 560817      |
| 180 x 22,23 | 7 x 7/8     | 8500                  | 80   | 10 |       | <b>5238-387 100</b> | 560824      |



## ZIRCON POWER X-LOCK

Perfect ★★★★★

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

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

**Field of application:** For processing stainless steel and steel.

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

