DRONCO®
Because experts set the standard

osborn

PREMIUM PROGRAMME

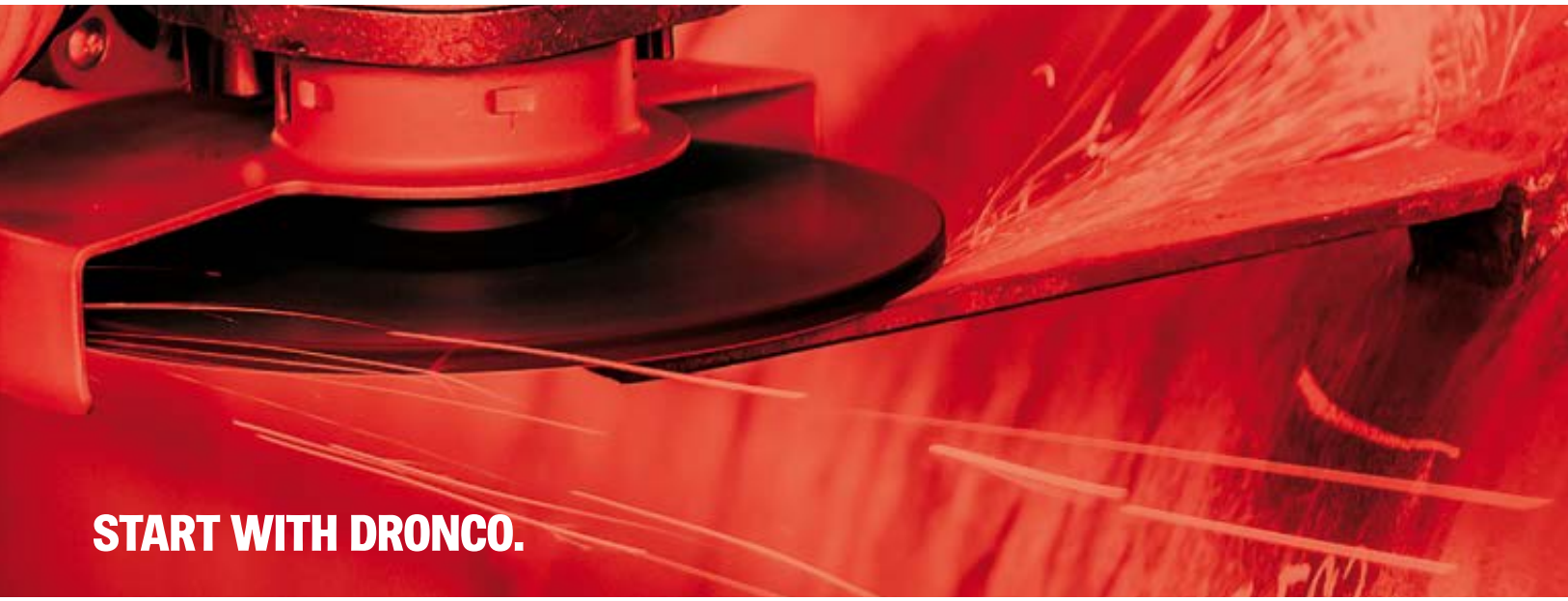
2017

CUTTING | GRINDING | SANDING | CLEANING | POLISHING | FINISHING

DRONCO®

Because experts set the standard

STARTING AT PDF-PAGE 3



osborn

STARTING AT PDF-PAGE 136

SURFACE TREATMENT. COMPLETE. FROM A SINGLE SOURCE.

Dear Customers,

You can turn it and flip it the way you want ... On around 300 pages of our new combined catalogue, you will find the whole range of products for mechanical surface treatment. Regardless of whether you would like to cut, grind and sand or clean, brush and polish - we are there for you.

We, the companies of DRONCO and Osborn. With over 180 years of mutual experience in surface finishing, we have a solution for almost all of your application requirements. We are also pleased to assist you finding the right product.

In the DRONCO section, you will find our product portfolio of cutting discs, grinding discs, flap discs, polishing flap discs, diamond cutting discs and diamond tools, bonded abrasives, ceramic abrasives and technical brushes.

If you are a customer of DRONCO today, we invite you to get to know the other side: Simply flip the catalogue and discover the Osborn product world of machine brushes, hand brushes, polishing and satin finishing tools, brush technology for industrial applications and special solutions.

The good thing is, you do not need another customer number or another contact person. Just talk to your well-known contact and you can order both DRONCO and Osborn products with your existing customer number. Try it out! We look forward to working with you!

Find the Osborn products starting at PDF-page 136.

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WITH DRONCO INTO POLE POSITION

DRONCO is one of the biggest and most innovative manufacturers of abrasives in Europe.

WELCOME AT DRONCO

DRONCO is one of the biggest and most innovative manufacturers of abrasives in Europe. Our company is part of the Jason Industries, Inc. to which Osborn belongs as well.

With its production plants in 14 countries and around 2,000 employees worldwide, the Jason Industries, Inc. serves markets in 120 countries with quality tools for surface treatment.

DRONCO currently owns the most advanced manufacturing technology for cutting and grinding discs in Europe. We are producing approximately 200,000 cutting and grinding discs and 40,000 flap discs every day in our production plant in Wunsiedel (Bavaria).

Our range of cutting and grinding discs, diamond tools, ceramic abrasives, abrasive paper sheets and technical brushes for professional craftsmen as well as demanding do-it-yourselfers is produced in globally recognized high quality.

URKUNDE

AKW multitec

Partner des Fachhandels 2014

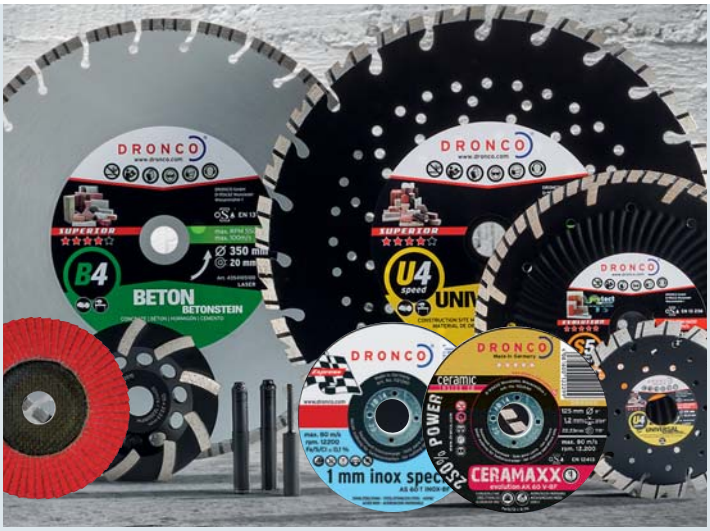
Dronco

Wunsiedel

INNOVATION DRIVER

DRONCO is among the most innovative and agile manufacturers in the abrasive sector.

Our own R+D department is working in modern laboratories on future-oriented technologies for abrasive tools. Existing products are continuously improved as well.



CUSTOMER-ORIENTED

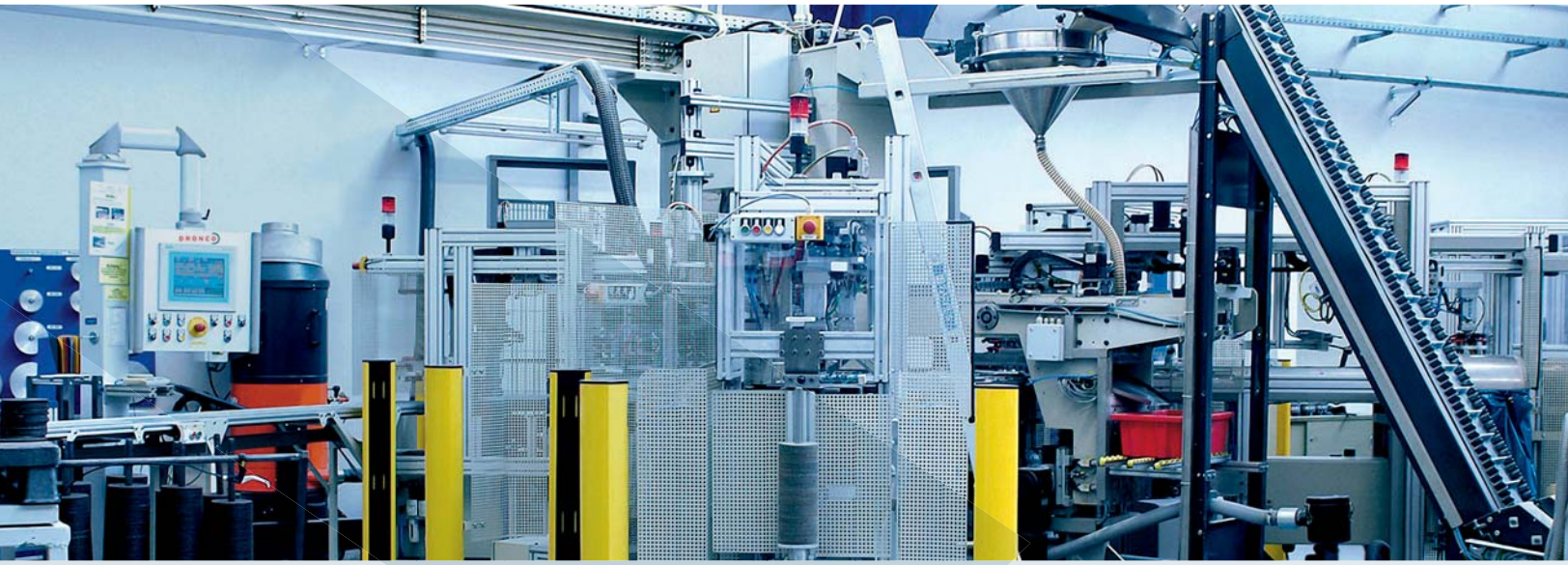
For us, client orientation is of absolute importance. DRONCO was awarded 1st place as "Commercial Partner of the Specialized Trade" multiple times throughout the last years.

Evaluation criteria were: trade loyalty, innovative strength, marketing and sales support as well as the handling of complaints.

INNOVATIVE. CUSTOMER-ORIENTED. RELIABLE.

FORWARD-THINKING PRODUCTION TECHNOLOGY

DRONCO sets standards for the future already today.
"Progress – Made in Germany" is for us the perfect interaction of indicative technology and sustainable research and development.



HIGH-TECH & SUSTAINABILITY

Intelligent manufacturing technology of the latest generation, highly qualified employees and the unique DRONCO Production-System allows a flexible, rational and exact production, according to the highest quality standards here in Germany.

DRONCO has developed a pressing technology that ranks worldwide among the most advanced systems. With an almost complete renewal of our machinery, we are one step closer to attain our ambitious target, to take over the technology leadership in our branch.

With an investment of six million Euros, we further extended and modernized our production site in Wunsiedel until mid of 2016.

Now DRONCO has the most advanced presses for cutting and grinding discs in Europe. This technology helps us to ensure the high quality of our products and to reduce emissions at the same time, making a sustainable contribution to preserving the environment. We will continue to do everything to strengthen our competitive position for the future.

RESEARCH & DEVELOPMENT

Our R+D team is working in modern laboratories on future oriented technologies for abrasive tools, resulting in product innovations and a continuous improvement of existing products with regard to cutting ability, lifetime, speed and precision.

The results are diverse pending patents and the market launch of several world innovations in the field of groundbreaking cutting and grinding technologies.

QUALITY & PERFORMANCE TESTING

In order to determine the performance of our products, we are testing with a state-of-the-art industrial robot. The robot delivers precise results and allows our quality assurance to carry out various tests under the exact same conditions.

In addition to a pure performance determination, the robot also helps us to ensure a consistently high standard by means of permanent checking. Complex processes can be simulated easily; realistic simulations are used especially for product development and the permanent optimization of existing tools.

SUSTAINABLE RESEARCH + DEVELOPMENT

Here at DRONCO, the R+D department is of great importance. Newly built laboratories with state-of-the-art technical equipment meet all requirements for testing, chemical and analytical procedures and applications.

OUR PRODUCTS SAFETY FIRST

Work safety is an important task. This is why DRONCO treats this issue in a particularly responsible manner. Users and dealers are on the safe side with us.

HIGHEST SAFETY STANDARDS

Cutting and grinding require a very high circumferential speed of the rotating tool in many areas of application. Therefore, our products are specifically designed to safely withstand the extreme mechanical and thermal stresses and strains. All DRONCO products correspond to current standards.

Continuous tests guarantee the observance of the highest safety standards. For this purpose, a further, state-of-the-art test system for side load tests was put into operation.

Complex measures for product testing are carried out on the new system. First, cutting discs are subjected to a pre-defined lateral load and then subjected to a fall hammer test. The test results are automatically recorded and evaluated.

Our quality management system ensures that we meet the high demands of a modern, worldwide acting industrial enterprise on each level. Certification in accordance to DIN EN ISO 9001:2008 is therefore just as natural as our membership with oSa.

Zertifikat

ISO 9001:2008

DRONCO

LGA InterCert

CERTIFIED SAFETY

We manufacture according to the strictest directives worldwide and monitor the safety and quality of our products according to the latest standards and regulations:

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

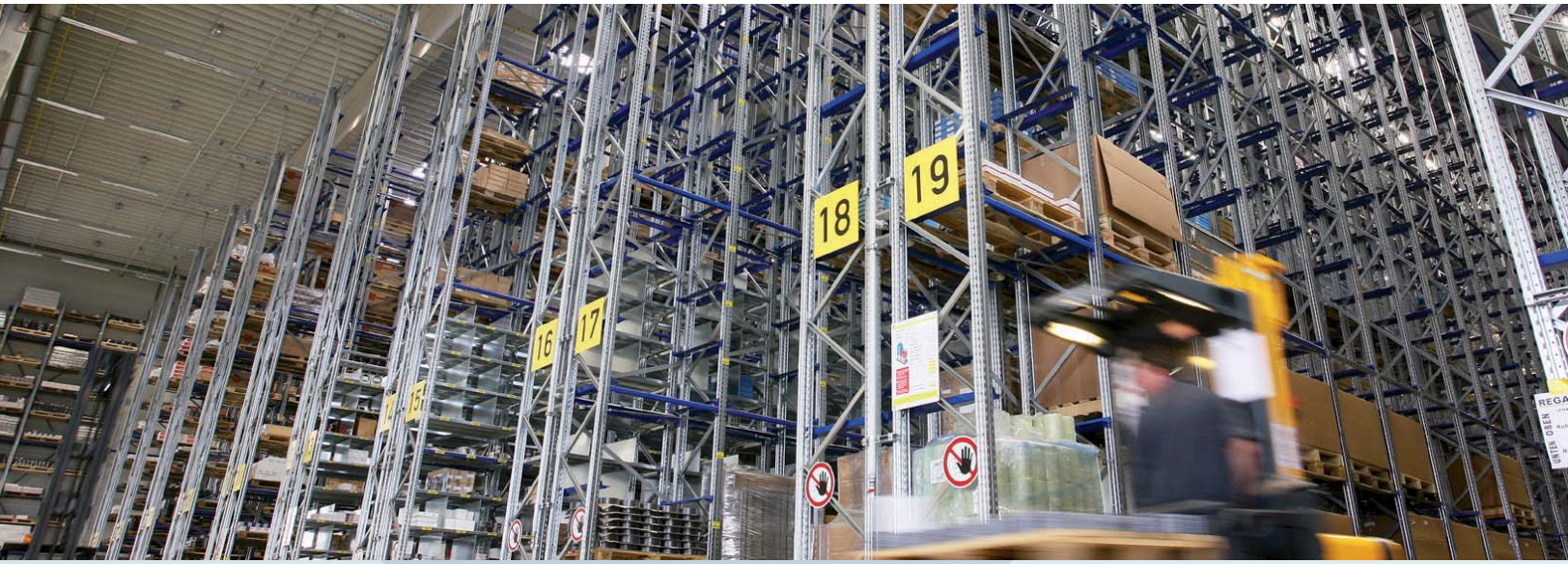
E DIN ISO 13942, 603-16, 6103, 15635
Dimensions, tolerances and unbalance

DRONCO IS MEMBER OF OSA

MANUFACTURING & QUALITY ASSURANCE ACCORDING TO STRICT REGULATIONS

MODERN LOGISTICS

DRONCO products are used in more than 100 countries in the world.
Modern logistics ensures complete and timely deliveries to our customers.



LOGISTICS CENTER WUNSIEDEL

Our high standards to manufacturing continue also at the field of logistics. Our new logistics center, close-by to the production, has been opened in 2008 and offers

4,000 sqm	storage space
950 sqm	office space
2,500 sqm	traffic area
1,400 sqm	space for packing

as well as a high rack storage area with space for

9,200	pallets and
4,800	ground level shelfs.

Automated warehousing ensures complete and timely delivery of the products - to the satisfaction of our customers. Intelligent software enables transparent logistics.

DRONCO CODE OF CONDUCT

The legal framework has become very complex, even for traditional companies and the globalized economic relations have implied new requirements.

The integration of a code of conduct in the company organization ensures a systematical control and documentation of the compliance. DRONCO is committed to prevent bribery and to comply with ethical principles towards customers, competitors and business partners.

Our code of conduct comprises regulations against corruption, forced and child's work and defines social and ethical standards to be applied. It is valid not only for all employees but also for our suppliers worldwide. Dronco takes part of the annual company statements of the BME. Our compliance-management is training the employees, controls the compliance and is the contact-person for all demands and questions.

More information about the BME can be found on the web: www.bme.de

COMPLIANCE MANAGEMENT

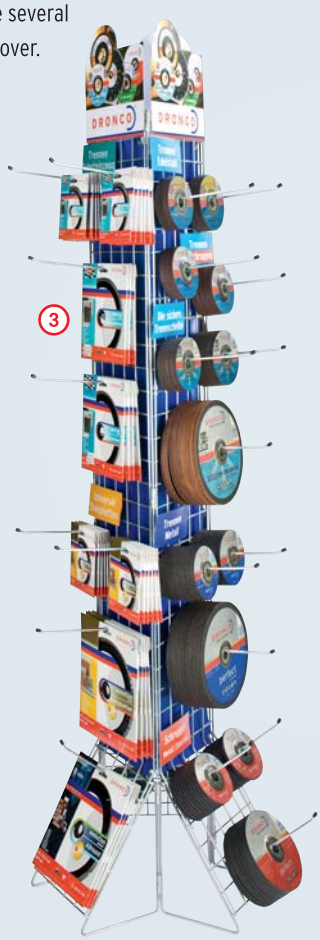
DRONCO has joined the Code of Conduct of the BME and has implemented a code of conduct into the company organization.

SOLUTIONS FOR A STRONG PRESENTATION

DRONCO – a strong brand. Our extensive support promotes your turnover!

EXCELLENT SALES PROMOTION

Our sales promotion is coordinated constantly to the needs of the trade. Attention-strong sales assistance at the POS and the newly arranged product shelf is lastingly supporting your sales. Dealer promotion activities taking place several times during the year are providing additional turnover.



1. DRONCO Wire Presentation for tins:
Our bestseller: The 1mm special disc for steel and stainless steel in a 10-pack tin. Simply hang in the support between the modules or in a rear panel (suitable adaptor supplied) and watch your sales take off!
Dimensions: 15 x 135 x 16 cm

2. DRONCO Sales Display:
Diamond blades F5 cera speed
Dimensions (BxHxT): 16x36x23 cm

3. DRONCO Triangle Display:
Can be stocked individually with new or standard products.
Dimensions: 28 x 175 cm

4. DRONCO Sales Display for Polishing Flap Discs:
Many customers say "grinding" but really mean "derusting and polishing". Show them that you are the expert!
Dimensions: 42 x 34 x 28 cm

5. The DRONCO Classic:
Stainless Steel Tin Promotion Display
The sales hit at every counter.
Dimensions (BxHxT): 20x31x20 cm

INNOVATIVE PRODUCTS

As a DRONCO dealer you will profit from our extensive manufacturer's authority. With perfect product quality, highest safety standards and constant innovation we are setting standards on the market.

TRAINING OF YOUR SALES STAFF

Confidence in the sales talk with the end user generates a rise in turnover. Your sales personnel will receive professional knowledge in an entertaining and interesting training course which contains theory and practice.

BEING IN THE MEDIA

DRONCO regularly places colour advertisements in technical and specialized magazines, and provides PR articles in order to sensitize the end user on the premium brand - excellent measures for an excellent product range!

ATTRACTIVE DESIGN

We present ourselves on the market visually clear and well planned. This includes packaging as well as contents. An effectively arranged colour guideline system leads easily and surely through the product assortment.

PROMOTION VAN

We support the specialized trade with promotion vans, which are constantly in use on in-house fairs, on open days, or locally together with the specialized trade and the end user.

PRODUCT PROMOTION

ATTENTION GUARANTEED

Professionals set the standard – also with the presentation at the point of sale.

EXCELLENT SALES PROMOTION – ADDITIONAL TURNOVER

Our elaborate concept provides for a premium sales promotion and increases your image as a top-quality supplier. Intelligent goods presentation and eye-catching sales assistance is lastingly supporting your sales. The DRONCO product shelf offers you an abundance of options to present your premium assortment of goods in a clear and attractive way.

EXCLUSIVE SERVICE FOR OUR DEALERS

The labeling of the product shelves as well as the supply lists are exactly adjusted to your demands.
Colour coding systems facilitate orientation.

MODULAR ACCESSORIES

Colour coding systems facilitate orientation

Lockable hooks

Diamond show case with Plexiglass door

Modular display assembly in different dimensions:
Individual modules that fit into common systems with widths of 1.0 and 1.25 m

The complete DRONCO product range is presented progressively and dynamically. 3x1.25 m

3 PRODUCT LINES
FOR EVERY APPLICATION

Three quality lines according to the good-better-best principle: From the solid craftsman's quality to the high-performance tool for the most intensive use.

	GOOD	BETTER	BEST
	PERFECT Universal products in solid and proven craftsman quality. Our bestseller at a favourable price.	**SPECIAL / SUPERIOR** The special program for craft and industry. Effective, long lasting, economical!	**EVOLUTION** The universal high-end line in top quality for highest demands.
METAL CUTTING DISCS			
STONE CUTTING DISCS			
GRINDING DISCS			
FLAP DISCS			
DIAMOND CUTTING DISCS			
ABRASIVES			

ADDITIONAL BENEFIT

DRONCO®

Beside the specific cutting and grinding performance many of our products have an additional benefit for the user.

EXPRESS - THIN, PRECISE, FAST

- considerably faster
- exact cutting
- no chipping on the edges
- effortless performance

PROTECT - PRESERVE YOUR HEALTH

- less noise
- less vibration
- less dust

FREECUT - PROBABLY THE WORLD'S SAFEST CUTTING DISC

- no pinching in the cut
- reduced danger of 'kick-back' effect (setback of the angle grinder)
- no lateral friction

CUT+GRIND - THE CLEVER COMBINATION OF TWO FUNCTIONS

- cutting and grinding with one disc
- no change of disc necessary
- fast cutting with high removal rate

BATTERY FRIENDLY - FOR CORDLESS POWERED ANGLE GRINDERS

- flexible in usage
- easy to handle
- precise working

Some general information

The following information gives you the best possible overview about the features of our products.

1 Description

Compiled for cutting discs as follows:
A/AS – aluminium oxide is the abrasive grain for cutting metal.
AZ – zirconium corundum is the abrasive grain for better life time and cutting efficiency.
46 – indicates the grit size. The higher the number, the finer the grit. E.g.: 24 rough | 30 medium | 36 fine ...
R – the second letter indicates the hardness of the disc. The further into the alphabet, the harder the disc.
BF – resin bonded, fibre- reinforced

2 Product lines

perfect | evolution | special
Explanation see next page.

3 Blue background

Is the colour coding for metal cutting discs.

4 Safety standards

Our products comply with the highest safety standards and regulations:
EN 12413 - cutting and grinding wheels
OSA - organisation for the safety of abrasives.

5 Measurements

Consist of (diameter of the disc)
x (thickness of the disc)
x (bore size).
Measurements given in mm and inch.

6 Expiry date

This quality cutting disc can be used without any restrictions until the indicated date.
(V month/year)

7 Max. rpm.

Indicates the permitted maximum speed.

8 FE/S/Cl ≤ 0,1%

Free from iron, sulphur and chlorine.
Special disc for cutting stainless steel.

9 Safety information

Security information: For your own safety.
Please follow!

10 Red bar

Indicates 80 m/s as permitted peripheral speed.
Green bar
Indicates 100 m/s as permitted peripheral speed.

11 Made in Germany

Stands for proven quality - most of our products are manufactured and tested in Germany.

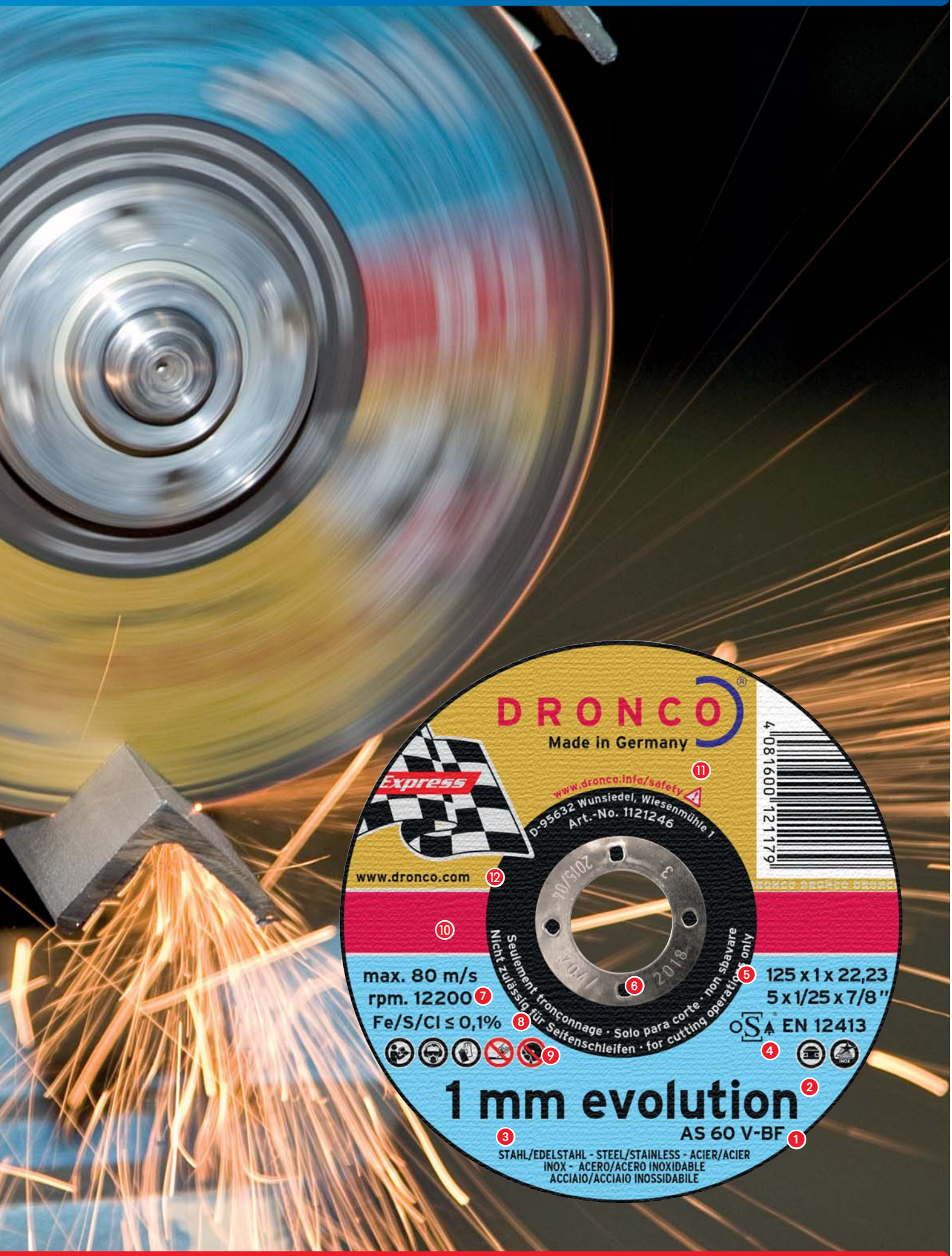
12 www.dronco.com

24 hr service on our website – we are always there when you need us!

9 Safety information

working on metal
working on stainless steel
do not grind
Follow the protective measures

Do not use if damaged
working on stone
stationary discs: for stationary machines only
Follow the safety instructions of the producer of the power tool.
Cutting


DRONCO
Made in Germany
Express
www.dronco.info/safety
D-95632 Wunsiedel, Wiesenmühle 1
Art.-No. 1121246
4 081600 121179
www.dronco.com
max. 80 m/s
rpm. 12200
Fe/S/Cl ≤ 0,1%
Seulement tronçonnage · Solo para corte · non spavare
Nicht zulässig für Seitenschleifen · for cutting operations only
125 x 1 x 22,23
5 x 1/25 x 7/8"
EN 12413
1 mm evolution
AS 60 V-BF
STAHL/EDELSTAHL - STEEL/STAINLESS - ACIER/ACIER
INOX - ACERO/ACERO INOXIDABLE
ACCIAIO/ACCIAIO INOSSIDABILE

Product lines

For craftsmen or industrial use - three precisely co-ordinated product lines offer the right cutting disc for every user and every application. All discs comply with the relevant regulations, have a high specific cutting capacity and guarantee a maximum of safety.

perfect line

The best-seller with an excellent price/performance ratio. It has proven itself a million times in the hands of craftsmen and semi-professionals.

- manufactured according to EN 12413
- complies to oSa regulations

special line

The special line for craftsmen and industrial applications. Due to the fact that different materials impose different demands, DRONCO produces discs especially matching the respective material. Special types of corundum and bonds are combined to suit the task in hand. This optimises performance, extends service life, increases efficiency and reduces cutting time.

- manufactured according to EN 12413
- complies to oSa regulations

evolution line

Designed by experts and made of top quality raw materials, these all-round cutting discs combine outstanding service life with high cutting speed.

- manufactured according to EN 12413
- complies to oSa regulations

Application chart metal cutting discs

●● very suitable
● suitable
◒ limited suitable

	Page	unalloyed and alloyed construction steel	very solid construction steel	tool steel	high alloy special steel	angular steel profiles	angular stainless steel profiles	rails	cast	aluminium alloy	copper	brass bronze	tiles	marble	schist
FREE HAND CUTTING DISCS STAINLESS STEEL															
AS 60 W EVOLUTION EXPRESS 0,8	22	●	●	●	●	●●	●●		◒	●	●	●			
A 60 R PERFECT EXPRESS 1,0	23	●●	●	●	●	●	●		◒	◒	◒	◒			
AS 60 T INOX SPECIAL 1,0	23	●	●	●	●●	●●	●●		◒	●●	●●	●●			
AS 60 V EVOLUTION EXPRESS 1,0	25	●●	●●	●●	●●	●●	●●		●	●	●	●			
AS 60 W HT EVOLUTION JUBILEE 1,0	26	●●	●●	●●	●●	●●	●●		●	●	●	●			
A 46 R PERFECT EXPRESS 1,6	26	●●	●	●	●	●	●		◒	◒	◒	◒			
AS 46 T INOX SPECIAL 1,6	27	●	●	●	●●	●●	●●		◒	◒	◒	◒			
AS 46 V EVOLUTION EXPRESS 1,6	28	●●	●●	●●	●●	●●	●●		●	●	●	●			
AK 60 V EVOLUTION CERAMAXX	30	●●	●●	●●	●●	●●	●●		●●	●	●	●			
AK 46 V EVOLUTION CERAMAXX	30	●●	●●	●●	●●	●●	●●		●●	●	●	●			
ACS 46 / ACS 60 T MULTI	31	●	●	◒	●	●●	●●		●●	●●	●●	●●	●●	●●	●
AS 46 / AS 60 T INOX FREECUT	32	●	●	●	●●	●●	●●		●	●	●	●			
AS 46 / AS 30 T INOX CUT+GRIND	33	●	●	●	●●	●	●●		●●	◒	◒	◒			
AS 30 S INOX SPECIAL, 2,5	34	●	●	●	●●	●	●●	●	●●	●	●	●			
AS 30 T INOX SPECIAL, 2,2	34	●	●	●	●●	●	●●	●	●●	●	●	●			
FREE HAND CUTTING DISCS STEEL															
A 24 R PERFECT, 3,0	35	●●	●	●	◒	●	◒		●	●	●	●			
AS 30 S SPECIAL, 3,0	36	●●	●●	●●	◒	●	◒		●●	●	●	●			
AS 30 T SPECIAL, 2,0	37	●●	●●	●●	◒	●●	◒		●	●	●	●			
AS 30 S HT EVOLUTION, 3,0	37	●●	●●	●●	◒	●	◒		●	●	●●	●			
AS 30 V EVOLUTION, 3,0	38	●●	●●	●●	◒	●●	◒		●	●	●	●			
AS 36 V EVOLUTION, 2,2	38	●●	●●	●●	◒	●●	◒		●	●	●	●			
FREE HAND CUTTING DISCS ALUMINIUM															
CS 60 ALU SPECIAL, 1,2	39									●●	●●	●●			
CS 46 ALU SPECIAL, 1,6	39									●●	●●	●●			
FREE HAND CUTTING DISCS RAIL SECTIONS															
AS 24 R BAHN SPECIAL	40	●	●	●	◒	◒	◒	●●	◒	◒	◒	◒			
MINI CUTTING DISCS															
AS 46 T MINI SPECIAL	41	●	●	●	◒	●●	◒		◒	◒	◒	◒			
CUTTING DISCS FOR STATIONARY MACHINES / CHOP-SAWS															
A 30 S PERFECT	42	●	●	●	◒	●	◒		●	●	●	●			
AS 30 S SPECIAL	42	●●	●●	●●	◒	●	◒		●●	●	●	●			
AS 36 T SPECIAL / CHOP SAW	43	●●	●●	●	◒	●	◒		●	●	●	●			
AS 36 S INOX SPECIAL / CHOP SAW	43	●	●●	●●	●	●	●●		●●	●	●	●			

★★★★ **Professional application**
Top product: extremely fast cutting, outstanding service life, minimum effort

★★★☆ **Demanding application**
Very good cutting performance, high service life

★★☆☆ **Standard application**
Good cutting performance, good service life

You can get DRONCO metal cutting discs in different performance classes – from a standard product for occasional use up to the high-end product for professional applications.

Free hand cutting discs stainless steel/steel 0,8 mm

AS 60 W 0,8 mm | **evolution** | **Free hand** | ★★★★

The extra fine cutting disc Evolution AS 60 W with a thickness of 0.8 mm is the right choice for cutting thin-walled profiles and pipes, thin sheet and ropes.
The extra smooth cutting disc is characterised by its fast and smooth cutting with low contact pressure.

For thin sheets, steel ropes, thin-walled profiles and pipes made of stainless steel and non-ferrous metals, as well as composite materials (glass-reinforced plastics)

Extra fine | Extremely fast

It's not only the outstanding cutting speed that is extra fine, but also the low-burr cut with limited sparking as well as the excellent service life thanks to the Lifetime Plus seal.

The AS 60 W is supplied extra fine and extra fresh in Lifetime Plus Tins containing 25 or 10 pieces.

Lifetime-Plus
- **over 30% * more service life (number of cuts)**
- **stops the natural ageing process of synthetic resin-bonded discs**
- **keeps cutting discs fresh until the pack is opened for the first time**

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 0,8 x 22,23	4 1/2 x 0,030 x 7/8	13280	1 TIN à 25		6900842100	701630
125 x 0,8 x 22,23	5 x 0,030 x 7/8	12200	1 TIN à 25		6900843100	701647
115 x 0,8 x 22,23	4 1/2 x 0,030 x 7/8	13280	1 TIN à 10		6900840100	701616
125 x 0,8 x 22,23	5 x 0,030 x 7/8	12200	1 TIN à 10		6900841100	701623
Also available 25 pcs. in shrinked plastic foil						
115 x 0,8 x 22,23	4 1/2 x 0,030 x 7/8	13280	25		1111000100	110302
125 x 0,8 x 22,23	5 x 0,030 x 7/8	12200	25		1121000100	120301

* compared to a standard 1mm cutting disc, stored for 6 weeks and subject to a natural ageing process which results in reduction of service life.

Free hand cutting discs stainless steel/steel 1,0 mm

A 60 R 1 mm — perfect — Free hand — ★★☆☆

The economic alternative for thin steel cutting discs. Good cutting ability with a good lifetime, manufactured in 1 mm.

Thin-walled profiles and sheet metals in structural and container work. Is often used in car-body building. Suitable for stainless steel as well.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	25		1110240100	110012
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	25		1120240100	120011
115 x 1 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 Tin à 10		6900987100	701319
125 x 1 x 22,23	5 x 1/25 x 7/8	13280	1 Tin à 10		6900988100	701326

AS 60 T INOX 1 mm — special — Free hand — ★★★☆

This very thin disc (1.0 mm) enables you to achieve a uniquely clean cut in the shortest possible time while using a minimum of force. Precise to the millimetre, vibration-free cutting, no thermal bluing and no burring (precluding the need for subsequent machining).

Thin sheet metal (of the type used in car bodies, tank farms and the tank construction sector), steel cable, thin-walled profile sections and pipes made of stainless steel and non-ferrous metals. Composite materials (FRP). High-temperature materials, e.g. repairing turbines.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 1,0 x 16,0	4 x 1/25 x 5/8	15250	25		1101240100	101072
105 x 1,0 x 16,0	4 x 1/25 x 5/8	14560	25		1101241100	101157
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	25		1111240100	111026
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	25		1121240100	121025

POWER PACK TIN

10 cutting discs in the attractive and popular metal box. A big seller for guaranteed increased turnover.

Each box includes 10 metal cutting discs AS 60 INOX 1mm.

115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 Tin à 10		6900935	701050
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 Tin à 10		6900945	701067

DRONCO®

AS 60 T INOX 1 mm	special	Free hand	★★★☆

LIFETIME-PLUS TIN

Over 30% more service-life*:
With the new Lifetime-Plus concept, we have given the Power Pack tin an amazing new function. Lifetime-Plus seals in the full performance of the discs and keeps it there until the pack is opened for the first time. So these "fresh from the oven" discs ensure to put all their power onto the machine.

Lifetime-Plus
- over 30% * more service life (number of cuts)
- stops the natural ageing process of synthetic resin-bonded discs
- keeps cutting discs fresh until the pack is opened for the first time

115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 10	—	6900850100	701203
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 10	—	6900852100	701227
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 25	—	6900870100	701401
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 25	—	6900871100	701418

* compared to a standard 1mm cutting disc, stored for 6 weeks and subject to a natural ageing process which results in reduction of service life.

Lifetime-Plus

- over 30%* more service life (number of cuts)
- stops the natural ageing process of synthetic resin-bonded discs
- keeps cutting discs fresh until the pack is opened for the first time

>30%
LIFETIME-PLUS

Why Lifetime-Plus?

A standard 1mm cutting disc undergoes a natural ageing process during storage due to the absorption of moisture from the air. After just 6 weeks, the tool life can have fallen by an average of approx. 30%.
The ingenious Lifetime-Plus freshness seal stops this process before it even starts. Prepare to be amazed at the outstanding life of cutting discs from a freshly opened Lifetime-Plus pack.

AS 60 V 1 mm | evolution express | Free hand | ★★★★

Clearly faster – clearly more precise – clearly better:
Top class 1mm cutting disc in best quality.
For precision cutting accurate to the millimetre and extremely fast cutting with minimum power consumption. No burring, no blue thermal discolouration. Outstanding optimized service life. True performance for your money.

- outstanding service life
- outstanding cutting speed
- lowest power consumption
- precision cutting accurate to the millimetre
- low-burr or burr-free edges

Thin sheet metal, steel ropes, thin-walled profiles and tubes made of stainless steel and non-ferrous metals, composite materials.

Top of the class in speed and tool life

With our extra-thin, high-speed discs you will cross the finishing line in record time. Yet at the same time you can work in extreme comfort, with absolute safety and the highest level of precision – because you are using the best discs from the DRONCO racing stable.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 1,0 x 16,0	4 x 1/25 x 5/8	15250	25	▬	1101246100	101126
105 x 1,0 x 16,0	4 x 1/25 x 5/8	14560	25	▬	1101247100	101133
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	25	▬	1111246100	111125
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	25	▬	1121246100	121179

POWER-PACK TIN

10 cutting discs in the attractive and popular metal box.
A big seller for guaranteed increased turnover.

Each box includes 10 metal cutting discs AS 60 V 1mm.

115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 10	▬	6900975	704877
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 10	▬	6900985	704884

LIFETIME-PLUS TIN

Over 30% more service life*:
With the new Lifetime-Plus concept, we have given the Power Pack tin an amazing new function. Lifetime-Plus seals in the full performance of the discs and keeps it there until the pack is opened for the first time. So these "fresh from the oven" discs ensure to put all their power onto the machine.

Lifetime-Plus
- **over 30% * more service life (number of cuts)**
- **stops the natural ageing process of synthetic resin-bonded discs**
- **keeps cutting discs fresh until the pack is opened for the first time**

115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 10	▬	6900851100	701210
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 10	▬	6900853100	701234
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 25	▬	6900872100	701425
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 25	▬	6900873100	701432

* compared to a standard 1mm cutting disc, stored for 6 weeks and subject to a natural ageing process which results in reduction of tool life.

DRONCO®

AS 60 W HT Jubilee | evolution | Free hand | ★★★★

The bond of this high performance cutting disc was developed in the laboratory of DRONCO with the aim of an especially cool cut and was completed just in time for our 50th anniversary. In combination with a ceramic coated grain of the latest generation, a new high end tool was born: The 1 mm cutting disc Evolution AS 60 W HT Jubilee.

State of the art. The benefits of this top product:

- **outstanding lifetime**
- **excellent cutting speed**
- **cool cuts**
- **low burr edges**

For thin sheets, steel ropes, thin-walled profiles and pipes made of steel or stainless steel.

Internal tests showed a lifetime extension of 17% in comparison to even our Evolution AS 60 V. Especially produced to ensure the greatest number of fast and precise cuts with minimum power consumption.

Lifetime-Plus

- **over 30% * more service-life (number of cuts)**
- **stops the natural ageing process of synthetic resin-bonded discs**
- **keeps cutting discs fresh until the pack is opened for the first time**

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 10		6900864100	701869
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 10		6900865100	701876
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	1 TIN à 25		6900845100	701678
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	1 TIN à 25		6900846100	701685
Also available 25 pcs. in shrinked plastic foil						
115 x 1,0 x 22,23	4 1/2 x 1/25 x 7/8	13280	25		1111247100	111644
125 x 1,0 x 22,23	5 x 1/25 x 7/8	12200	25		1121247100	121780

* compared to a standard 1mm cutting disc, stored for 6 weeks and subject to a natural ageing process which results in reduction of tool life.

Free hand cutting discs stainless steel/steel 1,6 mm

A 46 R | perfect express | Free hand | ★★☆☆

The good value solution for thin 1,6 mm metal cutting discs. Good cutting ability at normal lifetime. Almost no burring. Good compromise between the normal 3 mm and the 1,2 mm discs.

Suitable for sheet metal and profiles made from mild steel and stainless steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	25		1110250100	110036
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	25		1120250100	120035

AS 46 T INOX | special | Free hand | ★★★☆

Free of iron and sulphur. Requiring little effort, the special thin cutting disc is easy on man and machine. High cutting speed, long service life, hardly any burring.

Normal steel and stainless steel, particularly suitable for sheet metal and thin-walled profiles. The standard disc used on tank farms and in tank construction.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	25		1111250100	111118
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	25		1121250100	121117
150 x 1,6 x 22,23	6 x 1/16 x 7/8	10200	25		1153250100	133103
180 x 1,6 x 22,23	7 x 1/16 x 7/8	8600	25		1183250100	143119
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	25		1233250100	153118

LIFETIME-PLUS TIN

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With the new Lifetime-Plus concept, we have given the Power Pack tin an amazing new function. Lifetime-Plus seals in the full performance of the discs and keeps it there until the pack is opened for the first time. So these "fresh from the oven" discs ensure to put all their power onto the machine.

Lifetime-Plus
- **over 30% * more service life (number of cuts)**
- **stops the natural ageing process of synthetic resin-bonded discs**
- **keeps cutting discs fresh until the pack is opened for the first time**

115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	1 TIN à 25		6900874100	701449
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	1 TIN à 10		6900856100	701265
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	1 TIN à 25		6900875100	701456
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	1 TIN à 10		6900855100	701258

* compared to a standard 1mm cutting disc, stored for 6 weeks and subject to a natural ageing process which results in reduction of service life.

AS 46 V | evolution express | Free hand | ★★★★

This top disc stands out for high cutting speed in connection with a very high lifetime. Cutting with little or no burrs.

For normal and stainless steel, especially for sheet metal and thin-walled profiles.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	25		1111251100	111132
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	25		1121251100	121148
180 x 1,6 x 22,23	7 x 1/16 x 7/8	8600	25		1183251100	143171
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	25		1233251100	153170

LIFETIME-PLUS TIN

Over 30% more service life*:
With the new Lifetime-Plus concept, we have given the Power Pack tin an amazing new function. Lifetime-Plus seals in the full performance of the discs and keeps it there until the pack is opened for the first time. So these "fresh from the oven" discs ensure to put all their power onto the machine.

Lifetime-Plus

- **over 30% * more service life (number of cuts)**
- **stops the natural ageing process of synthetic resin-bonded discs**
- **keeps cutting discs fresh until the pack is opened for the first time**

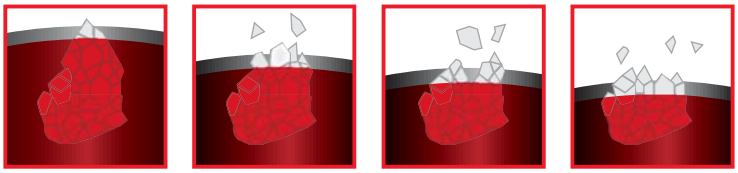
DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	1 TIN à 25		6900876100	701463
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	1 TIN à 25		6900877100	701470
180 x 1,6 x 22,23	7 x 1/16 x 7/8	8600	1 Tin à 10		6900860100	701289
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	1 Tin à 10		6900861100	701296

CERAMAXX

OUR STRONGEST DISCS!

WITH CERAMIC GRAIN OF THE LATEST GENERATION
GIVING AN ULTIMATELY INCREASED PERFORMANCE

UNRIVALLED SPEED
+ UNBEATEN AGGRESSION
+ ULTRA LONG LIFETIME
+ MINIMAL ENERGY INPUT
= HIGHEST EFFICIENCY



The new bonding technology and the micro-crystalline structure of the ceramic grain ensure a targeted release of new extremely sharp cutting edges. This guarantees the permanent availability of maximum performance of the CeraMaxx cutting and grinding discs – from start to finish. For a maximized cutting speed, removal rate and lifetime.

The sharpest - the best!

DRONCO CeraMaxx discs are among the fastest, most aggressive and most durable on the market, optimizing the work process, saving down time and labour costs giving greatly increased productivity and efficiency.

CeraMaxx cutting discs with ceramic grain of the latest generation

- **Excellent cutting speed = high productivity**
- **Lowest energy input = sparing man and machine**
- **Clean, burr-free cut = less rework**
- **Cool cutting without thermal blueing = less rework**
- **Excellent lifetime = reduced disc consumption**

ceramic INSIDE 2.0

AK 60 V CERAMAXX evolution ★★★★

The thin CeraMaxx cutting discs cut ultra fast with little effort massively reducing the energy input. The full cutting performance is therefore achieved at low pressure. For precision cutting accurate to the millimetre and with burr-free edges. Ideal for users from pipeline engineering and construction, shipyards, metal engineering, foundries, commercial vehicle construction, steel construction, plant engineering, crane construction, construction machine production.

The advantages of the CeraMaxx cutting discs prove especially effective in strong profiles and full material. For steel and stainless steel. Fe/S/Cl ≤ 0,1 %

ceramic INSIDE 2.0

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	25		1111500100	111989
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	25		1121500100	122299
LIFETIME-PLUS TIN						
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	1 TIN à 10		6900820100	702309
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	1 TIN à 10		6900821100	702316

AK 46 V CERAMAXX evolution ★★★★

The CeraMaxx cutting discs cut ultra fast with little effort massively reducing the energy input. The full cutting performance is therefore achieved at low pressure.
Ideal for users from pipeline engineering and construction, shipyards, metal engineering, foundries, commercial vehicle construction, steel construction, plant engineering, crane construction, construction machine production.

The advantages of the CeraMaxx cutting discs prove especially effective in strong profiles and full material. For steel and stainless steel. Fe/S/Cl ≤ 0,1 %

ceramic INSIDE 2.0

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	25		1111512100	111828
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	25		1121512100	122312
150 x 1,6 x 22,23	6 x 1/16 x 7/8	10200	25		1153511100	133073
LIFETIME-PLUS TIN						
115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	13280	1 TIN à 10		6900822100	702323
125 x 1,6 x 22,23	5 x 1/16 x 7/8	12200	1 TIN à 10		6900823100	702330

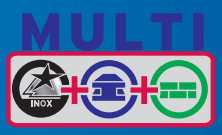
ACS 46 / ACS 60 T MULTI — special — Free hand — ★★★★

The special recipe of this new combi-disc ACS60T-MULTI allows cutting of metal and wall tiles without changing the disc. A special tool for special users, such as plumbers.

Three discs in one

- Combi-disc for stainless steel, steel and wall tiles
- good cutting performance
- comfortable cutting
- no time-consuming disc changes required
- low-burr to burr-free edges

For use on stainless steel, mild steel and stone (especially wall tiles).



DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	25		1111360100	111804
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	25		1121360100	121803
180 x 1,6 x 22,23	7x1/16x7/8	8600	25		1183360100	143157
230 x 1,9 x 22,23	9x 5/64x7/8	6600	25		1233360100	153606

POWER-PACK-TIN

10 cutting discs in the attractive and popular metal box.
A big seller for guaranteed increased turnover.

Each box includes 10 combi-discs ACS 60 T Multi 1,2 mm.

115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	1 TIN à 10		6900942100	704808
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	1 TIN à 10		6900943100	704815

PLEASE NOTE

This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

Free hand cutting discs stainless steel/steel

AS 46 / AS 60 T INOX FreeCut | **special** | **Free hand** | ★★★☆

FreeCut: The Conical Disc. This disc developed by DRONCO (patent pending) is a revolution in its field. The conical form of the disc tapers from the outer edge to the inner edge and gives the disc ideal cutting qualities. No braking effect caused by side friction, no jamming of the disc in the work piece (thus avoiding the dangerous kick-back effect). The cutting only takes place on the face side. The disc is easy to work with: pleasant, quick and safe cutting, good cutting control, no jamming.

For cutting steel and stainless steel, also suitable for non-ferrous metals. Does not contain iron, sulphur or chlorine (each 0.1%). Suitable for thin- and thick-walled profiles and solid material.

Greater safety and precision during use.

- does not jam during cutting
- reduces the dangerous „kick-back" effect
- less heat generated
- reduced side friction for unhindered cutting
- light, power-saving handling using the FreeCut principle
- less reduction of r.p.m. in the machine – and therefore faster cutting

The cutting disc tapers towards the center

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115x2,0/1,0x22,23	4 1/2x5/64-1/25x7/8	13280	25		1111340100	111507
125x2,0/1,0x22,23	5x5/64 - 1/25x7/8	12200	25		1121340100	121506
AS 46 T INOX FreeCut						
150x2,5/2,0x22,23	6x3/32 - 5/64x7/8	10200	25		1153340100	133509
180x3,0/2,0x22,23	7x5/64 - 1/8x7/8	8600	25		1183340100	143508
230x3,0/2,0x22,23	9x5/64 - 1/8x7/8	6600	25		1233340100	153507

POWER-PACK-TIN AS 60 T INOX FREECUT

10 cutting discs in the attractive and popular metal box. A big seller for guaranteed increased turnover.

Each box includes 10 metal cutting discs AS 60 T INOX FreeCut.

115x2,0/1,0x22,23	4 1/2x5/64-1/25x7/8	13280	1 TIN à 10		6900937100	704952
125x2,0/1,0x22,23	5x5/64 - 1/25x7/8	12200	1 TIN à 10		6900947100	704976

PLEASE NOTE

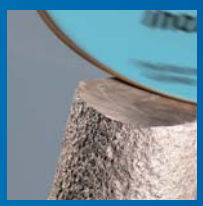
This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

battery friendly

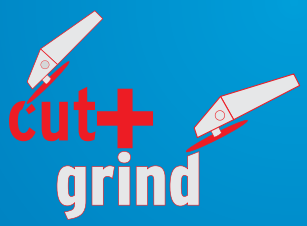
AS 46 / AS 30 T INOX CUT+GRIND special Free hand ★★★☆

Cut+Grind: The first cutting disc you are also allowed to use for grinding. The Cut+Grind cuts at a comfortable speed with a thickness of 2.5 mm or 3.5 mm, you can immediateley deburr and grind without changing the disc. That saves setup time and therefore money! Good removal rate for light grinding tasks. Of course, the disc complies with the prescribed lateral load for grinding discs of 290 N.

Suitable for normal and stainless steel, both for solid material as well as for profiles. Cutting and grinding in one step.



Deburr or grind immediately without changing the disc.



The first thin cutting disc you are also allowed to use for side grinding

- cutting and light grinding work in one step
- good cutting speed
- good removal rate
- no time-consuming disc changes required
- no need to purchase different discs
- for steel or stainless steel

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1113270100	113600
125 x 2,5 x 22,23	5 x 3/32 x 7/8	12200	25		1123270100	123609
			AS 30 T INOX CUT + GRIND			
180 x 3,5 x 22,23	7 x 1/8 x 7/8	8600	25		1183270100	143607

POWER-PACK-TIN AS 46 T INOX CUT + GRIND

5 combined cutting and grinding discs in the attractive and popular metal box. A big seller for guaranteed increased turnover.

Each tin-box includes 5 combined discs AS 46 T INOX CUT+GRIND

115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	13280	1 TIN à 5		6900936100	704983
125 x 2,5 x 22,23	5 x 3/32 x 7/8	12200	1 TIN à 5		6900946100	704969

PLEASE NOTE

This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

battery friendly

Free hand cutting discs stainless steel/steel from 2 mm

AS 30 S INOX — special — Free hand ★★★☆

Containing no iron, sulphur or chlorine, the recipe of the disc prevents the formation of rust.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1111906100	111309
115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1113906100	113303
125 x 2,5 x 22,23	5 x 3/32 x 7/8	12200	25		1121906100	121308
125 x 2,5 x 22,23	5 x 3/32 x 7/8	12200	25		1123906100	123302
180 x 2,5 x 22,23	7 x 3/32 x 7/8	8600	25		1181906100	141306
180 x 2,5 x 22,23	7 x 3/32 x 7/8	8600	25		1183906100	143300
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6600	25		1231906100	151305
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6600	25		1233906100	153309

AS 30 T INOX — special — Free hand ★★★☆

Containing no iron, sulphur or chlorine, the recipe of the disc prevents the formation of rust.

Special disc designed to cut stainless steel, service life also good in normal steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1111905100	111293
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	25		1121905100	121292
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	25		1181905100	141290
230 x 2,2 x 22,23	9 x 3/32 x 7/8	6600	25		1231905100	151299

Free hand cutting discs steel

A 24 R | **perfect** | **Free hand** | ★★☆☆

Good service life and fast cutting at a reasonable price.

All-purpose disc, suitable for cutting all types of metal.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 3,0 x 16	4 x 1/8 x 5/8	15250	25		1100015100	100006
100 x 3,0 x 16	4 x 1/8 x 5/8	15250	25		1102015100	102000
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1110015100	110005
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1112015100	112009
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1120015100	120004
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1122015100	122008
150 x 3,0 x 22,23	6 x 1/8 x 7/8	10200	25		1150015100	130003
150 x 3,0 x 22,23	6 x 1/8 x 7/8	10200	25		1152015100	132007
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1180015100	140002
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1182015100	142006
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1230015100	150001
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1232015100	152005
300 x 3,5 x 20,0	12 x 1/8 x 3/4	5100	25		1300225100	160093
300 x 3,5 x 22,23	12 x 1/8 x 7/8	5100	25		1300226100	160116

AS 30 S | special | Free hand | ★★★☆

Long service life and good cutting capacity for cost-effective operations.

Professional applications, cutting metal, construction steel or cast.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 3,0 x 16	4 x 1/8 x 5/8	15250	25		1103115100	103007
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1111115100	111002
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1113115100	113006
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1121115100	121001
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1123115100	123005
150 x 3,0 x 22,23	6 x 1/8 x 7/8	10200	25		1153115100	133004
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1181115100	141009
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1183115100	143003
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1231115100	151008
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1233115100	153002
300 x 3,5 x 20	12 x 1/8 x 3/4	5100	25		1301125100	161007
300 x 3,5 x 22,23	12 x 1/8 x 7/8	5100	25		1301126100	161014
300 x 3,5 x 25,4	12 x 1/8 x 1	6400	25		1301127100	161021
350 x 4,0 x 20	14 x 5/32 x 3/4	5500	10		1351135100	171006
350 x 4 x 25,4	14 x 5/32 x 1	5500	10		1351137100	171020

AS 30 T — special — Free hand — ★★★☆

The clean cut of this special thin cutting disc enables you to cut sheet metal without contorting the material or producing any burrs.

Sheet steel, particularly of the type used on tank farms and in tank construction.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,0 x 22,23	4 1/2 x 5/64 x 7/8	13280	25		1111055100	111040
115 x 2,0 x 22,23	4 1/2 x 5/64 x 7/8	13280	25		1113055100	113044
115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1113060100	113037
125 x 2,0 x 22,23	5 x 5/64 x 7/8	12200	25		1121055100	121049
125 x 2,0 x 22,23	5 x 5/64 x 7/8	12200	25		1123055100	123043
125 x 2,5 x 22,23	5 x 3/32 x 7/8	12200	25		1123060100	123050
180 x 2,0 x 22,23	7 x 5/64 x 7/8	8600	25		1181055100	141047
180 x 2,5 x 22,23	7 x 3/32 x 7/8	8600	25		1183060100	143027
230 x 2,0 x 22,23	9 x 5/64 x 7/8	6600	25		1231055100	151046
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6600	25		1233060100	153040

AS 30 S HT — evolution — Free hand — ★★★★

With high-temperature treated corundum and balanced bonding, the evolution AS 30 S HT combines the metal removing capacity and cutting performance of a soft disc with the long service life of a hard disc.

Steel, cast, non-ferrous metals.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1111940100	111019
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1113940100	113013
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1121940100	121018
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1123940100	123012
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1181940100	141016
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1183940100	143010
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1231940100	151015
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1233940100	153026

AS 30 V | evolution | Free hand | ★★★★

This is a very hard disc that is characterised by its pronounced all-round qualities and fast cutting capacity. It is particularly suitable for cutting pipes and thin-walled profile sections.

Construction steel, thin-walled profile sections, pipes, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 3,0 x 16	4 x 1/8 x 5/8	15250	25		1101966100	101201
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1111966100	111200
115 x 3,0 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1113966100	113204
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1121966100	121209
125 x 3,0 x 22,23	5 x 1/8 x 7/8	12200	25		1123966100	123203
180 x 3,0 x 22,23	7 x 1/8 x 7/8	8600	25		1181966100	141214
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1231965100	151206
230 x 3,0 x 22,23	9 x 1/8 x 7/8	6600	25		1233965100	153200

AS 36 V | evolution | Free hand | ★★★★

Extremely resistant when cutting materials with sharp edges and thin-walled profiles. Thinner than the AS 30 V and therefore capable of cutting even faster and more precisely.

Construction steel, thin-walled profile sections, pipes, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 2,2 x 16	4 x 3/32 x 5/8	15250	25		1101070100	101256
115 x 2,2 x 22,23	4 1/2 x 3/32 x 7/8	13280	25		1111070100	111255
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	25		1121070100	121254
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	25		1151070100	131253
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	25		1181070100	141252
230 x 2,2 x 22,23	9 x 3/32 x 7/8	6600	25		1231070100	151251

Free hand cutting discs aluminium

CS 60 ALU | **special** | **Free hand** | ★★★☆

The outstanding characteristics of the thin cutting discs are now available for aluminium and non-ferrous metals as well. The recipe of the disc guarantees fast cutting without clogging. Long service life.

Specially designed to cut aluminium and non-ferrous metals such as copper, brass, bronze. Also suitable for most synthetic materials.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	25		1111150100	111163
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	25		1121150100	121063

PLEASE NOTE

This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

CS 46 ALU | **special** | **Free hand** | ★★★☆

Thin, easy cutting disc for clean cuts. Specially designed to cut aluminium and other non-ferrous metals. No clogging, long service life.

Specially designed to cut aluminium and non-ferrous metals such as copper, brass, bronze. Also suitable for most synthetic materials.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
150 x 1,6 x 22,23	6 x 1/16 x 7/8	10200	25		1153150100	133066
180 x 1,6 x 22,23	7 x 1/16 x 7/8	8600	25		1183150100	143041
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	25		1233150100	153033

Free hand cutting discs for rail sections

AS 24 R BAHN | **special** | **Free hand** | ★★★☆

Special disc designed to cut all rail sections in short time.

Cutting new and compressed rail sections (e.g. UIC 60, S54 or S49).

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 3,5 x 22,23	12 x 1/8 x 7/8	5100	25		1301376100	161113
300 x 3,5 x 25,4	12 x 1/8 x 1	5100	25		1301377100	161120
350 x 4,0 x 22,23	14 x 5/32 x 7/8	5500	10		1351386100	171112
350 x 4,0 x 25,4	14 x 5/32 x 1	5500	10		1351387100	171129

Mini cutting discs

AS 46 T Mini cutting discs — special — Free hand — ★★★☆

The small cutting disc for pneumatic grinders. This disc offers a means of reaching areas that are difficult to get at. Please choose the right bore.

Perfectly suitable for thin sheet steel. Good performance on construction steel, tool steel and high-speed steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
50 x 1,0 x 6	2 x 1/25 x 1/4	30600	25	▬	6405006100	642520
50 x 2,0 x 6	2 x 5/64 x 1/4	30600	25	▬	6405000100	642421
60 x 2,0 x 6	2 3/8 x 5/64 x 1/4	25450	25	▬	6406001100	642438
76 x 1 x 6	3 x 1/25 x 1/4	20100	25	▬	6407637100	642964
76 x 1,2 x 10	3 x 1/25 x 3/8	20100	25	▬	6407634100	640045
76 x 1,6 x 10	3 x 1/16 x 3/8	20100	25	▬	6407622100	642957

Mini grinding discs can be found on page 61

Tensioning shaft for mini cutting discs

The tensioning shaft enables the use of mini cutting discs on straight or cylindrical grinders and drill machines.

DIMENSION MM	DIMENSION INCH	DIMENSION PC.	CONTENT PC.	ARTIKEL NUMMER	BAR CODE
Tensioning shaft 6 mm x M6	6 mm	1/4	1	6400001100	642575
Tensioning shaft 6 mm x M10	6 mm	1/4	1	6400002100	642582

Discs for stationary cutting machines | Chop-Saws

A 30 S — perfect — Stationary ★★☆☆

Soft, all-purpose standard disc for stationary cutting machines.

Particularly suitable for construction steel and tool steel. Good performance on cast.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 3,5 x 25,4	12 x 1/8 x 1	5100	25	▬	2301320100	260205
300 x 3,5 x 32	12 x 1/8 x 1 1/4	5100	25	▬	2301340100	260229
350 x 3,5 x 25,4	14 x 1/8 x 1	4400	10	▬	2351320100	270204
350 x 3,5 x 32	14 x 1/8 x 1 1/4	4400	10	▬	2351340100	270228

AS 30 S — special — Stationary ★★★☆

Long service life, even when used to cut different materials and cutting stability allow working cost-effectively, whether you are cutting profiles, pipes or solid metal.

Metal, construction steel and castings.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 3,5 x 25,4	12 x 1/8 x 1	6400	25	▬	2300020100	260014
300 x 3,5 x 32	12 x 1/8 x 1 1/4	6400	25	▬	2300040100	260038
350 x 3,5 x 25,4	14 x 1/8 x 1	5500	10	▬	2350020100	270006
350 x 3,5 x 32	14 x 1/8 x 1 1/4	5500	10	▬	2350040100	270037
400 x 4,0 x 25,4	16 x 5/32 x 1	4780	10	▬	2400020100	280005
400 x 4,0 x 40	16 x 5/32 x 1 9/16	4780	10	▬	2400050100	280043

AS 36 T | special | Chop-Saw | ★★★☆

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

Construction steel, tool steel, sheet steel and cast.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 2,8 x 25,4	12 x 7/64 x 1	5100	25	▬	2300220100	261103
350 x 3,0 x 25,4	14 x 1/8 x 1	4400	10	▬	2350220100	271102
400 x 3,2 x 25,4	16 x 1/8 x 1	4780	10	▬	2400220100	281101

AS 36 S INOX | special | Chop-Saw | ★★★☆

High-quality special disc for Chop-Saws. Due to the recipe without using iron, sulphur and chlorine, formation of rust at the edges is prevented.

Special disc for cutting stainless steel, very good lifetime also in mild steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 2,8 x 25,4	12 x 7/64 x 1	5100	25	▬	2300920100	260151
350 x 3,0 x 25,4	14 x 1/8 x 1	4400	10	▬	2350920100	270150

PLEASE NOTE

Cutting discs for use with stationary machines - from a swing cutting machine right up to a fully automatic machine with a control console and a closed working area. When choosing cutting discs for a stationary machines, please observe the maximum peripheral speed of 80 m/s or 100 m/s as recommended by the manufacturer. DRONCO also supplies discs for so-called "chop saws". These are swing-cutting machines with a driving power up to 2.4 kW/3 HP. Stationary cutting discs must never be used on free-hand machines!

Some general information

The following general information gives you the best possible overview about the features of our products.

1 Description

Compiled for cutting discs as follows:
C/CS – silicone carbide is the abrasive grain for cutting stone.
24 – indicates the grit size. The higher the number, the finer the grit. E.g.:
24 rough | 30 medium hard | 36 hard.
R – the second letter indicates the hardness of the disc. The further into the alphabet, the harder the disc.
BF – resin bonded, fibre- reinforced

2 Product lines

perfect | evolution | special
Explanation see next page.

3 Green background

Is the colour coding for stone cutting discs.

4 Safety standards

Our products comply with the highest safety standards and regulations:
EN 12413 - cutting and grinding wheels
OSA - organisation for the safety of abrasives.

5 Expiry date

This quality cutting disc can be used without any restrictions until the indicated date.
(V month/year)

6 Measurements

Consist of (diameter of the disc)
x (thickness of the disc)
x (bore size).
Measurements given in mm and inch.

7 Max. rpm.

Indicates the permitted maximum speed.

8 Safety information

Security information: For your own safety.
Please follow!

9 Red bar

Indicates 80 m/s as permitted peripheral speed.
Green bar
Indicates 100 m/s as permitted peripheral speed.

10 Made in Germany

Stands for proven quality - most of our products are manufactured and tested in Germany.

11 www.dronco.com

24 hr service on our website
- we are always there when you need us!

9 Safety information

Do not use if damaged
working on metal
working on stone
working on stainless steel
stationary discs: for stationary machines only
do not grind
Follow the safety instructions of the producer of the power tool.
Follow the protective measures
Cutting

DRONCO
Made in Germany
Express
www.dronco.info/safety
D-95632 Wunsiedel, Wiesenmühle 1
Art.-No. 1125000
4 081600 120042
www.dronco.com
max. 80 m/s
rpm. 12200
125 x 1,2 x 22,23
5 x 3/64 x 7/8"
EN 12413
Seulement tronçonnage · Solo para corte · non spavare
Nicht zulässig für Seitenschleifen · for cutting operations only
1,2 mm perfect
C 60 R-BF
STEIN - STONE - PIERRE
PIEDRA - PIETRA

Product lines

For craftsmen or industrial use - two precisely co-ordinated product lines offer the right cutting disc for every user and every application. All discs comply with the relevant regulations, have a high specific cutting capacity and guarantee a maximum of safety.

perfect line

The best-seller. Everybody is convinced from its excellent price/performance ratio.

- good quality
- good lifetime
- good cutting efficiency

special line

Also in stone cutting discs, our special line offers specific solutions for industry and quality orientated craftsmen.

- very good quality
- very good cutting efficiency
- very good economic efficiency

Application chart stone cutting discs

●● very suitable
● suitable
◒ limited suitable

	Page	Asphalt	Concrete	Roof tiles	Porous concrete	Granite	Sand-lime stone	Clinker brick	Marble	Tiles	Fireproof clay	Slate	Terrazzo	Earthenware pipes	Exposed aggregate conctrte	Brick	Ductile pipes
FREE HAND STONE CUTTING DISCS																	
C 60 R PERFECT EXPRESS	48		◒	◒	◒	◒		◒	●●	●●	◒	●●	◒	◒		◒	
C 46 R PERFECT EXPRESS	49		◒	◒	◒	◒		◒	●●	●●	◒	●●	◒	◒		◒	
C 24 R PERFECT	50	◒	●	●	●	◒	●	◒	●	●	◒	●	●	●	●	●	◒
CS 24 R SPECIAL	51	◒	●●	●●	●	●	●	●●	●	●	●	●	●	●●	●●	●●	◒
FREE HAND ASPHALT/DUCTILE CUTTING DISCS																	
CS 30 SPECIAL	51	●●	●	●●	●●	◒	●●	●	◒	◒	●	◒	◒	●	●	●	●●

★★★★ **Professional application**
Top product: extremely fast cutting, outstanding service life, minimum effort

★★★☆ **Demanding application**
Very good cutting performance, high service life

★★☆☆ **Standard application**
Good cutting performance, good service life

You can get DRONCO stone cutting discs in different performance classes - from a standard product for occasional use up to the high-end product for professional applications.

Free hand stone cutting discs

C 60 R — perfect express — Free hand — ★★★☆

The excellent properties of thin cutting discs now available for stone: Incredibly fast cut, cutting edges absolutely free of chipping. Comfortable use due to reduced noise output and vibration. Up to 50% less development of dust during cutting.

Outstanding suitability for cutting tiles, marble, window shelves, slates etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	25	—	1115000100	110043
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	25	—	1125000100	120042

POWER-PACK TIN C 60 R

10 stone cutting discs in the attractive and popular metal box. A big seller for guaranteed increased turnover.

Each box includes 10 stone cutting discs C 60 R.

115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	13280	1 Tin à 10	—	6900955100	701074
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	1 Tin à 10	—	6900965100	701081

C 46 R	perfect express	Free hand	★★★☆

The excellent properties of thin cutting discs now available for stone: Incredibly fast cut, cutting edges absolutely free of chipping. Comfortable use due to reduced noise output and vibration. Up to 50% less abrasive dust during cutting.

For cutting floor tiles, wall tiles, marble, window shelves, slates, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
230 x 1,9 x 22,23	9 x 5/64 x 7/8	6600	25		1238250100	157116

DRONCO Express®: Definitely Faster!

The asset in speed

- much higher cutting speed
- definitely faster cutting

The asset in precision

- excellent clean cut
- edges low in burrs and free of chipping
- minimum loss of material

The asset in comfort

- lowest possible force input
- at equal contact pressure
- a minimum of noise
- low in vibration
- little development of dust

DRONCO®

C 24 R | perfect | Free hand | ★★☆☆

Good service life and fast cutting at a reasonable price. The craftsman's disc that has proved itself in millions of cutting operations.

All types of material found on the construction site, such as concrete, stone, roof tiles, sand-lime stone.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		1105015100	105001
100 x 3 x 16	4 x 1/8 x 5/8	15250	25		1107015100	107005
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1115015100	115000
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1117015100	117004
125 x 3 x 22,23	5 x 1/8 x 7/8	12200	25		1125015100	125009
125 x 3 x 22,23	5 x 1/8 x 7/8	12200	25		1127015100	127003
180 x 3 x 22,23	7 x 1/8 x 7/8	8600	25		1185015100	145007
180 x 3 x 22,23	7 x 1/8 x 7/8	8600	25		1187015100	147001
230 x 3 x 22,23	9 x 1/8 x 7/8	6600	25		1235015100	155006
230 x 3 x 22,23	9 x 1/8 x 7/8	6600	25		1237015100	157000
300 x 4,0 x 22,23	12 x 5732 x 7/8	5100	25		1305036100	165012

CS 24 R — special — Free hand — ★★★☆

Stone cutting disc for diverse uses on the construction site.

Cuts granite, concrete, brick and other construction site materials effectively. Also perfectly suitable for ceramic, porcelain and marble.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1116015100	116007
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	25		1118015100	118001
125 x 3 x 22,23	5 x 1/8 x 7/8	12200	25		1126015100	126006
125 x 3 x 22,23	5 x 1/8 x 7/8	12200	25		1128015100	128000
180 x 3 x 22,23	7 x 1/8 x 7/8	8600	25		1186015100	146004
230 x 3 x 22,23	9 x 1/8 x 7/8	6600	25		1236015100	156003
230 x 3 x 22,23	9 x 1/8 x 7/8	6600	25		1238015100	158007
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		1306035100	166002
300 x 4 x 22,23	12 x 5/32 x 7/8	5100	25		1306036100	166019
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		1356035100	176001
350 x 4 x 25,4	14 x 5/32 x 1	5500	10		1356037100	176025

Free hand asphalt/ductile cutting discs

CS 30 ASPHALT/DUKTIL — special — Free hand — ★★★☆

Very good special disc which shows excellent results not only in cement/cast composition of ductile pipes but also in asphalt and other constructions site materials.

Ductile pipes, porous concrete, roof tiles, sand-lime stone and earthenware pipes. Very economic in asphalt (even with aggregates).

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 4 x 20	12 x 5/32 x 3/4	5100	25		1306135100	166040
350 x 4 x 20	14 x 5/32 x 3/4	5500	10		1356135100	176087

Some general information

The following information gives you the best possible overview about the features of our products.

1 Description

Compiled for grinding discs as follows:
A/CS – aluminium oxide/silicone carbide is the abrasive grain for grinding metal/stone.
AZ – zirconium corundum is the abrasive grit for better life time and grinding efficiency.
30 – indicates the grit size. The higher the number, the finer the grit.
E.g.: 24 rough | 30 medium | 36 fine ...
S – the second letter indicates the hardness of the disc. The further into the alphabet, the harder the disc.

2 Product lines

perfect | evolution | special
Explanation see next page.

3 Red background

Is the colour coding for grinding discs.

4 Safety standards

Our products comply with the highest safety standards and regulations:
EN 12413 - cutting and grinding wheels
OSA - organisation for the safety of abrasives.

5 Expiry date

This quality cutting disc can be used without any restrictions until the indicated date.
(V month/year)

6 FE/S/Cl ≤ 0,1%

Free from iron, sulphur and chlorine.
Special disc for cutting stainless steel.

7 Measurements

Consist of (diameter of the disc)
x (thickness of the disc)
x (bore size).
Measurements given in mm and inch.

8 Max. rpm.

Indicates the permitted maximum speed.

9 Red bar

Indicates 80 m/s as permitted peripheral speed.
Green bar
Indicates 100 m/s as permitted peripheral speed.

10 Safety information

Security information: For your own safety.
Please follow!

11 Made in Germany

Stands for proven quality - most of our products are manufactured and tested in Germany.

12 www.dronco.com

24 hr service on our website
- we are always there when you need us!

9 Safety information

Do not use if damaged
working on metal
on stone
working on stainless steel
stationary discs: for stationary machines only
grinding
Follow the safety instructions of the producer of the power tool.
Follow the protective measures
Cutting

DRONCO
Made in Germany
www.dronco.info/safety
D-95632 Wunsiedel, Wiesenmühle 1
Art.-No. 3127545
4 081600 323306
www.dronco.com
max. 80 m/s
rpm. 12200
Fe/S/Cl ≤ 0,1%
125 x 7 x 22,23
5 x 9/32x 7/8"
EN 12413
inox special
AS 30 T INOX-BF
STAHL/EDELSTAHL - STEEL/STAINLESS - ACIER/ACIER INOX - ACERO/ACERO INOXIDABLE
ACCIAIO/ACCIAIO INOSSIDABILE

Product lines

For craftsmen or industrial use - three precisely co-ordinated product lines offer the right grinding disc for every user and every application. All discs comply with the relevant regulations, have a high specific grinding capacity and guarantee a maximum of safety.

perfect line

The best-seller. Not only brilliant with its price/performance ratio. It has proven itself a million times. The perfect line shows best results on every angle grinder.

- resin bonded
- reinforced with glass fibre
- good lifetime
- good removal rate

special line

Professional use needs for every application the right disc. Therefore abrasive grits and bonds match exactly the material – this increases the performance and minimises the working time.

- very good lifetime
- very „agressive" disc
- very good removal rate
- very good economic efficiency

evolution line

The high end line for highest demands. These grinding discs have a brilliant lifetime and outstanding grinding efficiency at minimal effort.

- outstanding lifetime
- best raw materials
- maximum removal rate

Application chart grinding discs metal

●● very suitable
● suitable
◒ limited suitable

	page	Unalloyed and alloyed construction steel	Very solid construction steel	Tool steel	High-alloy special steel	Sheet steel	Stainless sheet steel	Welding seams	Cast	Non-ferrous metals
GRINDING DISCS STEEL										
A 30 T PERFECT	56	●●	◒	◒		●		◒	◒	◒
AS 30 R SPECIAL	56	●●	●●	●●		●		●●	●	●
AS 24/30 T SPECIAL	57	●●	●	●		●●		●●	◒	●
GRINDING DISCS STAINLESS STEEL/STEEL										
AS 30 S INOX SPECIAL	57	●	●	●	●●	●	●●	●	●	◒
AS 30 T INOX SPECIAL	58	●	●	●●	●●	●	●●	●●	●	◒
AZ 30 S EVOLUTION	58	●●	●	●●	●●	●	●●	●●	●●	●
AZ 30 T EVOLUTION	58	●●	●	●●	●●	●	●●	●●	●●	●
AK 36 T EVOLUTION CERAMAXX	59	●●	●●	●●	●●	●●	●●	●●	●●	●
AK 24 V EVOLUTION CERAMAXX	59	●●	●●	●●	●●	●●	●●	●●	●●	●
GRINDING DISCS CAST										
AS 24 S CAST/IRON SPECIAL	60	◒				◒			●●	●●
GRINDING DISCS ALUMINIUM										
AS 46 ALU SPECIAL	60	◒				◒			●	●●
MINI-GRINDING DISCS										
AS 46 T MINI SPECIAL	61	●	●	●	◒	●	◒	◒	◒	◒

Application chart grinding discs stone

●● very suitable
● suitable
◒ limited suitable

	page	Concrete	Granite	Sand-lime stone	Clinker brick	Marble	Porcelain	Fireproof clay	Slate	Terrazzo	Earthenware pipes	Exposed aggregate concrete
GRINDING DISCS STONE												
CS 30 S SPECIAL	61	●●	●	●●	●	●	●	●	●	●	●	●

★★★★ **Professional application**
Top product: extremely aggressive stock removal, outstanding service life, minimum effort

★★★☆ **Demanding application**
Very good stock removal, high service life

★★☆☆ **Standard application**
Good stock removal, good service life

You can get DRONCO grinding discs in different performance classes – from a standard product for occasional use up to the high-end product for professional applications.

Grinding discs steel

A 30 T | perfect | metal | ★★☆☆

Good all-purpose disc with a good service life.

All types of metal, primarily sheet steel, construction steel and welding seams.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15250	10		3106040100	300024
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116040100	310023
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126040100	320022
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156040100	330021
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186041100	340020
180 x 8 x 22,23	7 x 5/16 x 7/8	8600	10		3188040100	340082
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236041100	350029
230 x 8 x 22,23	9 x 5/16 x 7/8	6600	10		3238040100	350067

AS 30 R | special | metal | ★★★☆

Very good grinding disc with a particularly long service life.

All types of construction steel and tool steel, welding seams, cast.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116500100	313000
125 x 4 x 22,23	5 x 5/32 x 7/8	12200	10		3124500100	323016
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126500100	323009
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156500100	333008
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186500100	343014
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236500100	353006

AS 24/30 T — special — metal — ★★★★

All-purpose grinding disc with medium-hard bonding for light grinding operations, offering good metal removal rate and a long service life.

Very solid construction steel, tool steel, high-speed steel, and sheet steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116520100	313055
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126520100	323047
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156520100	333046
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186520100	343052
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236520100	353068

Grinding discs stainless steel/steel

AS 30 S INOX — special — metal — ★★★☆

Free of iron, chlorine and sulphur, medium-hard special disc with high grinding performance for rust-free surfaces. FE / S / Cl ≤ 0,1%

High-alloy special steel, high-alloy stainless steel and stainless steel sheet.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 6 x 16	4 x 1/4 x 5/8	15250	10		3106540100	303063
115 x 4 x 22,23	4 1/2 x 5/32 x 7/8	13280	10		3114540100	313093
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116540100	313062
125 x 4 x 22,23	5 x 5/32 x 7/8	12200	10		3124540100	323030
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126540100	323061
150 x 4 x 22,23	6 x 5/32 x 7/8	10200	10		3154540100	333053
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156540100	333060
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186540100	343090
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236540100	353051

AS 30 T INOX | special | metal | ★★★★

Our premium grinding disc for applications on stainless steel. Extremely long service life at comfortable, vibrati-on-optimized operation. Outstanding stock removal rate and easy to use. No clogging, no chattering – a special tool for special applications!

FE/S/Cl ≤ 0,1%

For stainless steel, high-alloy stainless steel, sheet stainless steel, rust and acid resistant steel, non-ferrous metal.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 7 x 22,23	4 1/2 x 9/32 x 7/8	13280	10		3117545100	313307
125 x 7 x 22,23	5 x 9/32 x 7/8	12200	10		3127545100	323306
180 x 7 x 22,23	7 x 9/32 x 7/8	8600	10		3187545100	343304
230 x 7 x 22,23	9 x 9/32 x 7/8	6600	10		3237545100	353303

AZ 30 S | evolution | metal | ★★★★

Medium-hard grinding disc with zirconium corundum which distinguishes especially through a very high life-time and a outstanding removal rate at minimum effort.
FE/S/Cl ≤ 0,1 %

Stainless steel, high alloyed stainless steel, stainless sheet steel, non ferrous metal, cast

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116560100	313253
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126560100	323252
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156560100	333251
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186560100	343250
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236560100	353259

AZ 30 T | evolution | metal | ★★★★

Grinding disc containing 25% zirconium. The perfect mixture of zirconium corundum and semi-friable fused aluminium oxide offers the following advantages:

- very high stock removal rate (even on stainless steel)
- great lifetime
- excellent price-performance-ratio

For stainless steel, high alloyed stainless steel, stainless steel sheets, non ferrous metals and cast. FE/S/Cl ≤ 0,1 %.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6,0 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116550100	313215
125 x 6,0 x 22,23	5 x 1/4 x 7/8	12200	10		3126550100	323214
230 x 6,0 x 22,23	9 x 1/4 x 7/8	6600	10		3236550100	353266

CERAMAXX

OUR STRONGEST DISCS!

WITH CERAMIC GRAIN OF THE LATEST GENERATION
GIVING AN ULTIMATELY INCREASED PERFORMANCE

- Durably aggressive removal performance = high productivity
- Lowest energy input = sparing for man and machine
- Quiet-running and smooth grinding = comfortable handling
- Cool grinding without thermal blueing = less rework
- Excellent lifetime = reduced disc consumption

AK 36 T CeraMaxx — evolution — metal — ★★★★

The Evolution AK 36 T is the first 3 mm grinding disc with ceramic grain which does not require a backing pad and which can simultaneously be used as a fully-fledged cutting disc. CeraMaxx discs are among the fastest, most aggressive and most durable on the market giving greatly increased productivity and efficiency with maximum removal rates and an unmatched speed of grinding performance.

Ideal for users from pipeline engineering and construction, shipyards, metal engineering, foundries, commercial vehicle construction, steel construction, plant engineering, crane construction, construction machine production.

Combined grinding and cutting disc for the preparation and removal of welding seams, removal of welding splatter, descaling, rough deburring and grinding on stainless steel and steel. Fe/S/Cl ≤ 0,1 %.

ceramic INSIDE 2.0

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 3 x 22,23	4 1/2 x 1/8 x 7/8	13280	10		3113551100	311112
125 x 3 x 22,23	5 x 1/8 x 7/8	12200	10		3123551100	320145

AK 24 V CeraMaxx — evolution — metal — ★★★★

High performance grinding disc with increased productivity and up to three times higher material removal compared to standard discs. Maximum aggressiveness with comfortable handling. Better efficiency thanks to an enormous lifetime. Excellent performance at low pressure.

Ideal for users from pipeline engineering and construction, shipyards, metal engineering, foundries, commercial vehicle construction, steel construction, plant engineering, crane construction, construction machine production.

CeraMaxx grinding discs are ideally suitable for demanding grinding works: Preparation and removal of welding seams, removal of welding splatter, descaling, rough deburring and grinding on stainless steel and steel. Fe/S/Cl ≤ 0,1 %.

ceramic INSIDE 2.0

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 7 x 22,23	4 1/2 x 9/32 x 7/8	13280	10		3117561100	313192
125 x 4 x 22,23	5 x 5/32 x 7/8	12200	10		3124560100	323191
125 x 7 x 22,23	5 x 9/32 x 7/8	12200	10		3127560100	323405
150 x 7 x 22,23	6 x 9/32 x 7/8	10200	10		3157560100	333084
180 x 7 x 22,23	7 x 9/32 x 7/8	8600	10		3187560100	343403
230 x 7 x 22,23	9 x 9/32 x 7/8	6600	10		3237561100	353211

Grinding discs cast

AS 24 S Cast/Iron | **special** | **metal** | ★★★★

New grinding disc for the industrial processing of cast-iron. This disc is made to ensure an excellent removal rate together with an extremely long service life. Low vibration for operator convenience therefore giving longer usage are the prime features of this development. No clogging, no chattering - a special tool for special applications!

High performance blade for use on cast-iron.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
180 x 7 x 22,23	7 x 9/32 x 7/8	8600	10		3187860100	343182
230 x 7 x 22,23	9 x 9/32 x 7/8	6600	10		3237860100	353181

Grinding discs aluminium

AS 46 ALU | **special** | **metal** | ★★★☆

Special disc designed to grind aluminium and non-ferrous metals. The composition of the material prevents clogging and improves performance and service life noticeably.

Copper, aluminium alloys, brass, bronze, cast.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116580100	313079
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126580100	323078
150 x 6 x 22,23	6 x 1/4 x 7/8	10200	10		3156580100	333077
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186580100	343076
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236580100	353075

Mini grinding discs

AS 46 T | special | metal | ★★★☆

The small grinding disc for pneumatic grinders. This disc offers a means of reaching areas that are difficult to get at.

Good performance on construction steel, tool steel and high-speed steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
60 x 6 x 6	2 3/8 x 1/4 x 1/4	25450	10		6406000100	642551
76 x 6 x 10	3 x 1/4 x 3/8	20100	10		6407600100	642742

Mini cutting discs and tensioning shafts for mini grinding discs can be found on page 40.

Grinding discs stone

CS 30 S | special | stone | ★★★☆

Medium-hard grinding disc with very good removal rate and a long service life, suitable for grinding both edges and surfaces.

Grinding stone and concrete.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6 x 22,23	4 1/2 x 1/4 x 7/8	13280	10		3116660100	313109
125 x 6 x 22,23	5 x 1/4 x 7/8	12200	10		3126660100	323108
180 x 6 x 22,23	7 x 1/4 x 7/8	8600	10		3186660100	343106
230 x 6 x 22,23	9 x 1/4 x 7/8	6600	10		3236660100	353105

Some general information

The following information gives you the best possible overview about the features of our products.

1 Description

A – normal corundum is the abrasive band for mild steel.
AZ – Zirconium corundum is the abrasive band for stainless steel.
AK - Ceramic grain is the new, self sharpening abrasive band for steel, stainless steel, high alloy steel, brass and bronze.
40 – indicates the grit size.
The higher the number, the finer the grit.
E.g.: 40 rough | 60 medium
80 fine | 120 very fine

2 Product lines

perfect | evolution | special
Explanation see next page.

3 Yellow background

Is the colour coding for flap discs.

4 Safety standards

Our products comply with the highest safety standards and regulations:
EN 13743 - flap discs
- organisation for the safety of abrasives

5 Measurements

Consist of (diameter of the disc) x (bore size).
Measurements given in mm and inch.

6 Max. rpm.

Indicates the permitted maximum speed.

7 Red bar

Indicates 80 m/s as permitted peripheral speed.

8 Safety information

For your own safety. Please follow!

9 www.dronco.com

24 hr service on our website
- we are always there when you need us!

8 Safety information

Do not use if damaged

working on metal

working on stone

working on stainless steel

stationary discs: for stationary machines only

do not grind

Follow the safety instructions of the producer of the power tool.

Follow the protective measures

Cutting

DRONCO
4 081600 521726
Fächerschleifscheibe
Flap-Disc
Disque à lamelles
Discos de láminas
Lamellrondeller
EN 13743
DRONCO GmbH
D-95632 Wunsiedel
Wiesenmühle 1
www.dronco.com
Edelstahl
Stainless Steel
Acier Inoxydable
Acero Inoxidable
Acciaio Inossidabile
Art.No.
52 12 187
max.80m/s
rpm. 12200
5x7/8"
Ø 125 mm
22,23mm
Korn|Grit
Grain|Grano
80
special
G-AZ A
1
2
3
4
5
6
7
8
8
9

Product lines

For craftsmen or industrial use - three precisely coordinated product lines offer the right flap disc for every user and every application. All discs comply with the relevant regulations, have a high specific grinding capacity and guarantee a maximum of safety.

perfect line

The best-seller. It has proven itself a million times. The abrasive band made of normal corundum enables a good material removal rate compared with a very attractive price.

- good material removal rate
- good lifetime
- very good price-performance ratio

special line

Effective, long-lasting and economical. Flap discs from our special line with abrasive bands made of zirconium corundum are optimised for grinding on edges and surfaces in industrial use as well as for craftsmen - this increases the performance and reduces the working time.

- very good lifetime
- no clogging
- very good material removal rate
- easy working

evolution line

The high-end line for highest demands. These flap discs offer outstanding lifetime, plus high removal rate with minimum effort.

- outstanding lifetime
- best raw materials
- outstanding material removal rate
- optimum efficiency

★★★★ **Professional application**
Top product: extremely aggressive stock removal, outstanding service life, minimum effort

★★★☆ **Demanding application**
Very good stock removal, high service life

★★☆☆ **Standard application**
Good stock removal, good service life

You can get DRONCO flap discs in different performance classes – from a standard product for occasional use up to the high-end product for professional applications.

Application chart flap discs

●● very suitable
● suitable
◒ limited suitable

	Page	unalloyed and alloyed construction steel	Very solid construction steel	tool steel	high alloy special steel	sheet steel	stainless sheet steel	welding seams	cast	non-ferrous metals	wood	plastic	filling compound	stone
FLAP DISCS NORMAL CORUNDUM														
PERFECT G-A	66	●●	●●	●●	●	●●	●	●	●	●	●	●	●	
FLAP DISCS ZIRCONIUM CORUNDUM														
SPECIAL G-AZ A	67	●●	●●	●●	●●	●●	●●	●	●●	●	●	●	●	
SPECIAL K-AZ A	68	●●	●●	●●	●●	●●	●●	●	●●	●	●	●	●	
SPECIAL J-AZ A JET	69	●●	●●	●●	●●	●●	●●	●	●●	●	●	●	●	
SPECIAL G-AZ	70	●●	●●	●●	●●	●●	●●	●	●●	●	●	●	●	
EVOLUTION G-AZ MAXX	71	●●	●●	●●	●●	●●	●●	●	●●	●	●	●	●	
FLAP DISCS CERAMIC GRAIN														
EVOLUTION G-AK	72	●●	●●	●●	●●	●●	●●	●	●●	●●	●	●	●	
EVOLUTION J-AK JET	73	●●	●●	●●	●●	●●	●●	●	●●	●●	●	●	●	
FLAP DISCS SILICON CARBIDE														
PERFECT G-C	74													●●

Evolution AZ Maxx zirconium corundum flap disc

same advantages as AZA

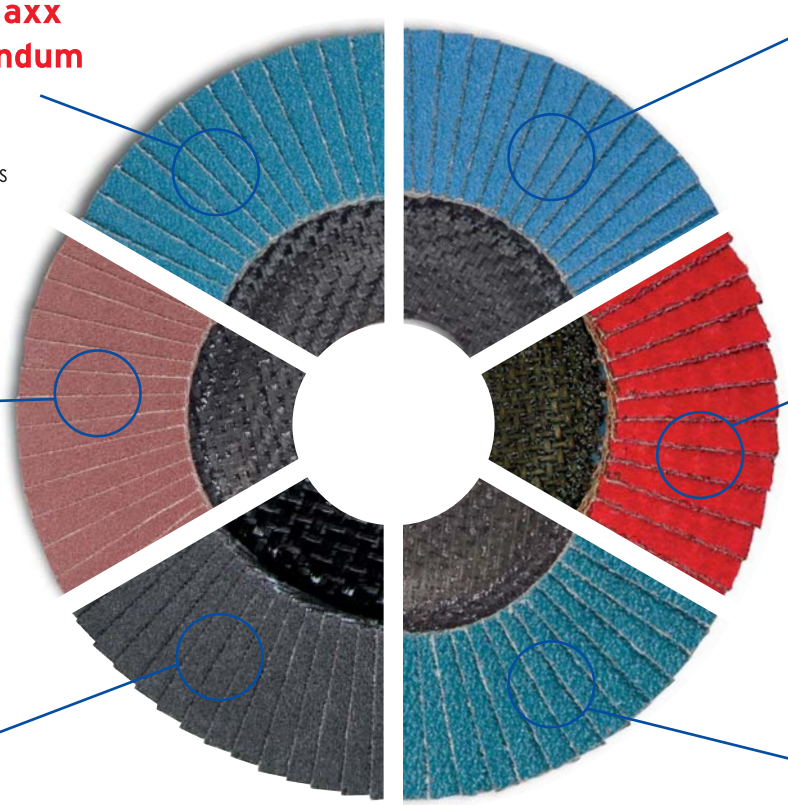
- increased height of lamellas
- steeper arrangement of lamellas
- aggressive material removal rate

Perfect A normal corundum flap disc

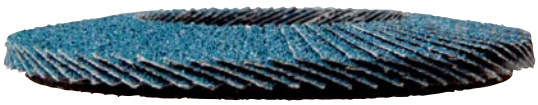
- tough and hard abrasive grain
- good removal capacity, especially for surface work
- good service life

Perfect C silicon carbide flap disc

- polyester backing
- very hard abrasive grain
- for stone treatment
- good removal rate



tapered



straight

Special AZ zirconium corundum flap disc

- abrasive grain is less hard, but very tough
- for working on edges and stainless steel
- brilliant grinding capacity
- outstanding service life

Evolution AK ceramic grain flap disc

- self-sharpening
- robust polyester backing
- permanent extremly high stock removal
- cool grinding on surfaces and edges
- improved service life

Special AZA zirconium corundum flap disc

- support of the abrasive band consists of a cotton twill
- for surface grinding on steel and stainless steel
- good grinding capacity
- outstanding service life
- no clogging up

Flap discs normal corundum

G-A | **perfect** | **Normal corundum** | ★★☆☆

Reasonably priced product suitable for grinding steel and wood. Tough, hard abrasive grain permits good removal capacity, especially for surface work. The glass fibre backing is characterised by an even grinding finish until all of the abrasive grain has been worn away.
Leaves no scratches on the workpiece.
Packing unit: 10 pcs.

- The best-seller with an excellent price/performance ratio.
- Good stock removal in a wide range of applications.

Steel, wood, aluminium

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	straight	5211004100	510508
115 x 22,23	4 1/2 x 7/8	13280	60	straight	5211006100	510515
115 x 22,23	4 1/2 x 7/8	13280	80	straight	5211007100	510522
115 x 22,23	4 1/2 x 7/8	13280	120	straight	5211009100	510546
115 x 22,23	4 1/2 x 7/8	13280	40	tapered	5211204100	510003
115 x 22,23	4 1/2 x 7/8	13280	60	tapered	5211206100	510010
115 x 22,23	4 1/2 x 7/8	13280	80	tapered	5211207100	510027
115 x 22,23	4 1/2 x 7/8	13280	120	tapered	5211209100	510041
125 x 22,23	5 x 7/8	12200	40	straight	5212004100	520507
125 x 22,23	5 x 7/8	12200	60	straight	5212006100	520514
125 x 22,23	5 x 7/8	12200	80	straight	5212007100	520521
125 x 22,23	5 x 7/8	12200	120	straight	5212009100	520545
125 x 22,23	5 x 7/8	12200	40	tapered	5212204100	521108
125 x 22,23	5 x 7/8	12200	60	tapered	5212206100	521115
125 x 22,23	5 x 7/8	12200	80	tapered	5212207100	521122
125 x 22,23	5 x 7/8	12200	120	tapered	5212209100	521146
180 x 22,23	7 x 7/8	8600	40	straight	5218004100	540505
180 x 22,23	7 x 7/8	8600	60	straight	5218006100	540512
180 x 22,23	7 x 7/8	8600	80	straight	5218007100	540529
180 x 22,23	7 x 7/8	8600	40	tapered	5218204100	542004
180 x 22,23	7 x 7/8	8600	60	tapered	5218206100	542011
180 x 22,23	7 x 7/8	8600	80	tapered	5218207100	542028

Flap discs zirconium corundum

G-AZ A | **special** | **Zirconium corundum** | ★★★☆

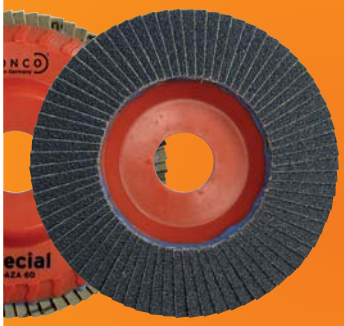
The support of the abrasive band consists of a cotton twill which shows an outstanding removing rate and excellent lifetime - without clogging up!
The glass fibre backing is characterised by an even grinding finish up to the complete consumption of the abrasive grain. As a result, no scratches on the workpiece will appear.
Packing unit: 10 pcs.

- Ideal for grinding surfaces of mild and stainless steel.
- Very good stock removal and effortless working without clogging.

Mild steel, stainless steel, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	straight	5211184100	511703
115 x 22,23	4 1/2 x 7/8	13280	60	straight	5211186100	511710
115 x 22,23	4 1/2 x 7/8	13280	80	straight	5211187100	511727
115 x 22,23	4 1/2 x 7/8	13280	120	straight	5211189100	511734
115 x 22,23	4 1/2 x 7/8	13280	40	tapered	5211384100	512809
115 x 22,23	4 1/2 x 7/8	13280	60	tapered	5211386100	512816
115 x 22,23	4 1/2 x 7/8	13280	80	tapered	5211387100	512823
115 x 22,23	4 1/2 x 7/8	13280	120	tapered	5211389100	512830
125 x 22,23	5 x 7/8	12200	40	straight	5212184100	521702
125 x 22,23	5 x 7/8	12200	60	straight	5212186100	521719
125 x 22,23	5 x 7/8	12200	80	straight	5212187100	521726
125 x 22,23	5 x 7/8	12200	120	straight	5212189100	521733
125 x 22,23	5 x 7/8	12200	40	tapered	5212384100	522808
125 x 22,23	5 x 7/8	12200	60	tapered	5212386100	522815
125 x 22,23	5 x 7/8	12200	80	tapered	5212387100	522822
125 x 22,23	5 x 7/8	12200	120	tapered	5212389100	522839
180 x 22,23	7 x 7/8	8600	40	straight	5218184100	541700
180 x 22,23	7 x 7/8	8600	60	straight	5218186100	541717
180 x 22,23	7 x 7/8	8600	40	tapered	5218384100	542806
180 x 22,23	7 x 7/8	8600	60	tapered	5218386100	542813
180 x 22,23	7 x 7/8	8600	80	tapered	5218387100	542820

K-AZ A | special | Zirconium corundum ★★★☆



Flap disc with glass fibre reinforced plastic backing available in type "straight" only.
Newly developed zirconium abrasive cloth with outstanding material removal rate and service life. Does not leave any marks on the work piece.
Packaging unit: 10 pcs.

- no scratches, no markings of the work piece
- newly developed abrasive cloth
- extremely tough reinforced plastic backing
- outstanding removal rate
- excellent lifetime
- can be used on the outer edge

For surface and edge grinding.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	CONTENT PC	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	10	straight	5111184100	514643
115 x 22,23	4 1/2 x 7/8	13280	60	10	straight	5111186100	514667
115 x 22,23	4 1/2 x 7/8	13280	80	10	straight	5111187100	514674
125 x 22,23	5 x 7/8	12200	40	10	straight	5112184100	524642
125 x 22,23	5 x 7/8	12200	60	10	straight	5112186100	524666
125 x 22,23	5 x 7/8	12200	80	10	straight	5112187100	524673

J-AZ A | special | Zirconium corundum | ★★★☆

JETzirkon

Top flap disc with glass fibre reinforced plastic backing. Equipped with zirconium abrasive on a cotton-polyester cloth. High stock removal and service life.
Packing unit: 10 pcs.

- Quick to mount thanks to the integrated M 14 adaptor
- Air-cooled with cooling slots integrated in the backing
- Reinforced glass fibre plastic backing

For steel and stainless steel.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	CONTENT PC	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x M14	4 1/2 x M14	13280	40	10	straight	5111154100	515206
115 x M14	4 1/2 x M14	13280	60	10	straight	5111156100	515213
115 x M14	4 1/2 x M14	13280	80	10	straight	5111157100	515220
115 x M14	4 1/2 x M14	13280	120	10	straight	5111159100	515237
125 x M14	5 x M14	12200	40	10	straight	5112154100	525205
125 x M14	5 x M14	12200	60	10	straight	5112156100	525212
125 x M14	5 x M14	12200	80	10	straight	5112157100	525229
125 x M14	5 x M14	12200	120	10	straight	5112159100	525236

DRONCO®

G-AZ special Zirconium corundum ★★★★

This abrasive grain is less hard, but very tough, and gives the disc very good all purpose characteristics. It is used for such demanding operations as deburring, machining welding seams and breaking edges. The glass fibre backing is characterised by an even grinding finish until all of the abrasive grain has been worn away. Leaves no scratches on the workpiece.
Packing unit: 10 pcs.

- Ideal for working on edges of mild or stainless steel.
- Brilliant grinding capacity with outstanding service life.

Stainless steel, steel, cast, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	straight	5211104100	511505
115 x 22,23	4 1/2 x 7/8	13280	60	straight	5211106100	511512
115 x 22,23	4 1/2 x 7/8	13280	80	straight	5211107100	511529
115 x 22,23	4 1/2 x 7/8	13280	120	straight	5211109100	511543
115 x 22,23	4 1/2 x 7/8	13280	40	tapered	5211304100	511109
115 x 22,23	4 1/2 x 7/8	13280	60	tapered	5211306100	511116
115 x 22,23	4 1/2 x 7/8	13280	80	tapered	5211307100	511123
115 x 22,23	4 1/2 x 7/8	13280	120	tapered	5211309100	511147
125 x 22,23	5 x 7/8	12200	40	straight	5212104100	521504
125 x 22,23	5 x 7/8	12200	60	straight	5212106100	521511
125 x 22,23	5 x 7/8	12200	80	straight	5212107100	521528
125 x 22,23	5 x 7/8	12200	120	straight	5212109100	521542
125 x 22,23	5 x 7/8	12200	40	tapered	5212304100	521207
125 x 22,23	5 x 7/8	12200	60	tapered	5212306100	521214
125 x 22,23	5 x 7/8	12200	80	tapered	5212307100	521221
125 x 22,23	5 x 7/8	12200	120	tapered	5212309100	541052
180 x 22,23	7 x 7/8	8600	40	straight	5218104100	541502
180 x 22,23	7 x 7/8	8600	60	straight	5218106100	541519
180 x 22,23	7 x 7/8	8600	40	tapered	5218304100	541014
180 x 22,23	7 x 7/8	8600	60	tapered	5218306100	541021

G-AZ MAXX | evolution | Zirconium corundum | ★★★★

The G-AZ MAXX flap disc is a high-end product for all users who recognise quality. Its increased number of lamellas ensures an even more aggressive material removal rate (steeper arrangement of lamellas) and a much higher lifetime than the AZ type. Improved tried-and-trusted topquality to optimize the efficiency of your tool.
G-AZ MAXX means: Less downtime, more efficient working. Packing unit: 10 pcs.

- Increased number of lamellas for MAXXimum removal rate.
- Distinctly increased lifetime compared to G-AZ.
- Optimise the efficiency of your tool.

For mild steel and stainless steel. For grinding on edges as well as surfaces. Ideal for sheet metal working, tank construction, metal construction.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115x22,23	4 1/2 x 7/8	13.280	40	straight	5211134100	512557
115x22,23	4 1/2 x 7/8	13.280	60	straight	5211136100	512564
115x22,23	4 1/2 x 7/8	13.280	80	straight	5211137100	512571
115x22,23	4 1/2 x 7/8	13.280	40	tapered	5211294100	513257
115x22,23	4 1/2 x 7/8	13.280	60	tapered	5211296100	513264
115x22,23	4 1/2 x 7/8	13.280	80	tapered	5211297100	513271
125x22,23	5 x 7/8	12.200	40	straight	5212134100	521757
125x22,23	5 x 7/8	12.200	60	straight	5212136100	521764
125x22,23	5 x 7/8	12.200	80	straight	5212137100	521771
125x22,23	5 x 7/8	12.200	40	tapered	5212294100	522259
125x22,23	5 x 7/8	12.200	60	tapered	5212296100	522266
125x22,23	5 x 7/8	12.200	80	tapered	5212297100	522273

Flap discs ceramic grain

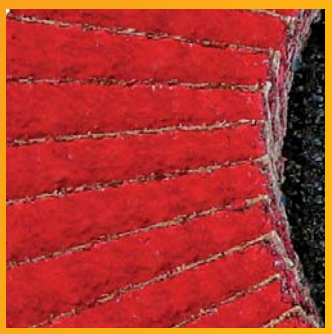
G-AK | **evolution** | **Ceramic grain** | ★★★★

An innovative new flap disc with self-sharpening ceramic grain, which guarantees a permanent and extremely high stock removal as well as a long service life. The ceramic grain on this innovative abrasive cloth is fixed on a robust polyester backing. Fully resinoid bonded with fillers for active grind support guarantees the abrasion resistance of the ceramic grain especially under high pressure. Outstanding results when grinding on surfaces as well as on edges on mild steel or stainless steel. Due to the high load capacity ideally suitable for extreme grinding applications or special tasks for steel, stainless steel, titanium-base alloy, nickel-based superalloy, chrome-steel and chromium-nickel steel, brass and bronze. Packing unit: 10 pcs.

3 times better than zirconium:

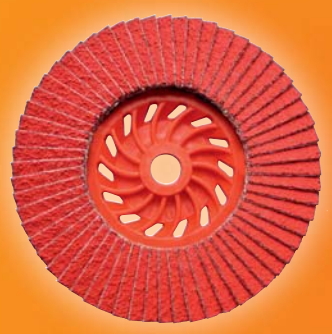
- Improved stock removal and effortless working
- Increased economic efficiency by noticeable time saving
- Improved service life
- Optimum Strength
- Self-sharpening
- Cool grinding on surfaces and edges

Sheet metal working, tank construction, cast iron, pipes and bars, metal constructions. Ideally suitable for steel, stainless steel, titanium-base alloy, nickel-based superalloy, chromesteel and chromium-nickel steel, brass and bronze.



DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	straight	5211434100	512403
115 x 22,23	4 1/2 x 7/8	13280	60	straight	5211436100	512410
115 x 22,23	4 1/2 x 7/8	13280	80	straight	5211437100	512427
115 x 22,23	4 1/2 x 7/8	13280	40	tapered	5211444100	512434
115 x 22,23	4 1/2 x 7/8	13280	60	tapered	5211446100	512441
115 x 22,23	4 1/2 x 7/8	13280	80	tapered	5211447100	512458
125 x 22,23	5 x 7/8	12200	40	straight	5212434100	522402
125 x 22,23	5 x 7/8	12200	60	straight	5212436100	522419
125 x 22,23	5 x 7/8	12200	80	straight	5212437100	522426
125 x 22,23	5 x 7/8	12200	40	tapered	5212444100	522433
125 x 22,23	5 x 7/8	12200	60	tapered	5212446100	522440
125 x 22,23	5 x 7/8	12200	80	tapered	5212447100	522457

J-AK | **evolution** | **Ceramic grain** | ★★★★



JETceramic

High-End Product: Flap disc with glass fibre reinforced plastic backing. Ceramic grain abrasive on polyester cloth. Fully resinoid bonded with fillers for active grind support. Self-sharpening ceramic grain for extremely high, permanently available stock removal as well as a long service life.
Packing unit: 10 pcs.

- Quick to mount thanks to the integrated M 14 adaptor
- Air-cooled with cooling slots integrated in the backing
- Reinforced glass fibre plastic backing

For the processing of steel and stainless steel, high-alloy steels, chrome and chrome nickel steel, titanium alloys, brass and bronze.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	CONTENT PC	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x M14	4 1/2 x M14	13280	40	10	straight	5111424100	515305
115 x M14	4 1/2 x M14	13280	60	10	straight	5111426100	515312
115 x M14	4 1/2 x M14	13280	80	10	straight	5111427100	515329
125 x M14	5 x M14	12200	40	10	straight	5112424100	525304
125 x M14	5 x M14	12200	60	10	straight	5112426100	525311
125 x M14	5 x M14	12200	80	10	straight	5112427100	525328

Flap discs silicon carbide

G-C | **perfect** | **Silicon carbide** | ★★☆☆

Flap disc equipped with silicon carbide abrasive on a glass fibre backing. Good removal rate on various materials. Packing unit: 10 pcs.

- Problem solver for working on aluminium and stone
- Good removal rate at universal use

For working on concrete, stone, tiles, ceramics, non-ferrous metals (aluminium, brass, copper), cast, plastics and fillers. Can be used for claw treatment as well.

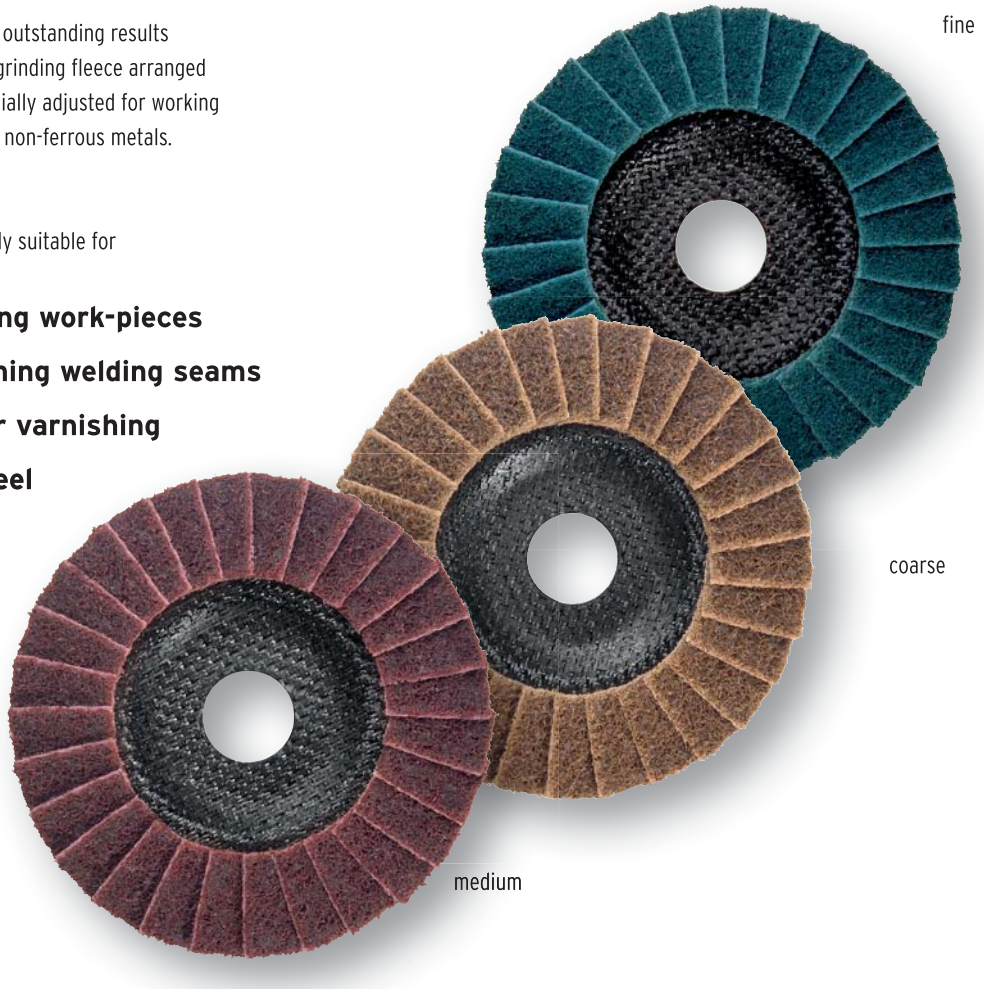
DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	GRIT SIZE	SHAPE	ITEM-CODE	BAR CODE 4081600
115 x 22,23	4 1/2 x 7/8	13280	40	tapered	5211404100	512045
115 x 22,23	4 1/2 x 7/8	13280	60	tapered	5211406100	512069
115 x 22,23	4 1/2 x 7/8	13280	80	tapered	5211407100	512076
125 x 22,23	5 x 7/8	12200	40	tapered	5212404100	522204
125 x 22,23	5 x 7/8	12200	60	tapered	5212406100	522211
125 x 22,23	5 x 7/8	12200	80	tapered	5212407100	522228

With the right material to highest perfection. The DRONCO POLISHING FLAP DISC.

The DRONCO polishing flap disc delivers outstanding results through an innovative, highly effective grinding fleece arranged in a fan-shaped lamella structure. Especially adjusted for working on stainless steel, steel, aluminium, and non-ferrous metals.

Depending on the texture of the fleece, DRONCO polishing flap discs are perfectly suitable for

- **Descaling and derusting work-pieces**
- **Preparing and repolishing welding seams**
- **Preparing surfaces for varnishing**
- **Polishing stainless steel**
- **Surface processing**



Available in three textures in dimensions of 115mm and 125mm.

- **Highly effective for the use in welding technology and metalworking**
  Optimum results e.g. during the preparation of welding seems, the finishing of welding seams and removal of welding spillage in accordance with EN ISO 5817. Removes oxide film/annealing colours after welding of pipes, containers and apparatus or after the plasma-arc cutting of stainless steel sheet metals in accordance with DIN 50930, DIN 25410, DVGW W541.
- **Highly effective for the use in painting technology**
  Perfect to derust, removal of colours and prepare of painting surfaces.
- **Versatile usage**
  Cleaning and polishing of unalloyed steel, high alloyed steel, aluminium and non-ferrous metal. Suitable for grinding on edges and surfaces.
- **High service life**

Polishing flap disc for angle-grinders

★★★☆

Outstanding for descaling and derusting of stainless steel, steel, aluminium and non-ferrous metal.
Preparation and finishing of welding seams.
Preparing of painted surfaces, polishing of stainless steel.
Packing unit: 10 pcs.

Polishing flap disc for the efficient processing of metals.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PC.	ITEM CODE	BAR CODE 4081600
G-VA Coarse	115 x 22,23	4 1/2 x 7/8	coarse	5511204100	550047
G-VA Medium	115 x 22,23	4 1/2 x 7/8	medium	5511206100	550061
G-VA Fine	115 x 22,23	4 1/2 x 7/8	fine	5511207100	550078
G-VA Coarse	125 x 22,23	5 x 7/8	coarse	5512204100	551044
G-VA Medium	125 x 22,23	5 x 7/8	medium	5512206100	551068
G-VA Fine	125 x 22,23	5 x 7/8	fine	5512207100	551075

Polishing flap disc set including 54 pc. in our special offer box

★★★☆

The innovative polishing flap discs in the attractive, self-explanatory special offer box. Contains 54 pc. with diameters of 115mm or 125mm. Optional also as mixed box including:
3 x 9 pc. 115mm (coarse, medium, fine) and
3 x 9 pc. 125mm (coarse, medium, fine)

Definitely a sales success - in the product shelve or on your sales counter.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Mixed box	115 / 125 mm	4 1/2 / 5	54	6900055100	700008

The innovation for polishing and cleaning

The DRONCO POLISHING FLAP DISC

Grinding thin welding seams and removing thermal bluing

Professional derusting and descaling

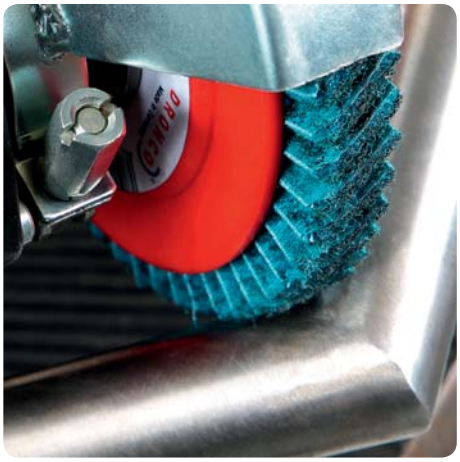
Descaled surfaces prior to welding lead to clean welding seams

A multi-talented performer for corners and angles

- the soft fleece hugs the surface of the workpiece to perfection
- flexible application for corners, angles, U-profiles, on rounded or flat surfaces
- fast and simple removal of rust, cleaning and blank polishing of metals
- cleaning, smoothing and polishing welded seams for corners, angles and fillet welds
- removal of temper colour, oxide layers or thin layers of paint on metals
- suitable for stainless steel, steel, aluminium and nonferrous metals

The new polishing wheel gives a perfect shine to corners, angles, rounded and flat surfaces.

It combines the outstanding performance of the polishing flap disc with an added bonus. The new polishing wheel is ideal for cleaning difficult-to-reach areas effectively and polishing them to a fine finish.



Polishing wheel in an individual promotional pack

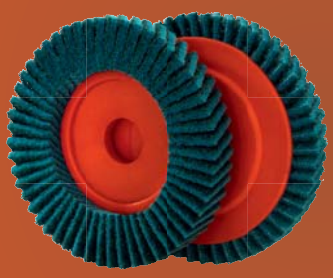
★★★★

Polishing wheel with upright flaps made from high performance non woven material with a reinforced plastic backing. This flexible material hugs the work piece to perfection. It can be used both on the edge in corners, angles and rounded edges as well as on its face for flat surfaces. Suitable for the removal of rust, cleaning and blank polishing of work pieces made from stainless steel, steel, aluminium and non-ferrous metals. Cleaning and polishing of welding seams in corners, angles or fillet welds. Removal of any discoloration, oxide layers and thin layers of paint.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	STRUCTURE	CONTENT PC.	ITEM CODE	BAR CODE 4081600
P-WA Fine	115 x 22,23	4 1/2 x 7/8	fine	1	5511307102	700039
P-WA Medium	115 x 22,23	4 1/2 x 7/8	medium	1	5511306102	700046
P-WA Fine	125 x 22,23	5 x 7/8	fine	1	5512307102	700022
P-WA Medium	125 x 22,23	5 x 7/8	medium	1	5512306102	700015

Polishing wheel in Packing unit with 10 pc.

★★★★



Our polishing wheel in practical box with 10 pc.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	STRUCTURE	CONTENT PC.	ITEM CODE	BAR CODE 4081600
P-WA Fine	115 x 22,23	4 1/2 x 7/8	fine	10	5511307100	550207
P-WA Medium	115 x 22,23	4 1/2 x 7/8	medium	10	5511306100	550214
P-WA Fine	125 x 22,23	5 x 7/8	fine	10	5512307100	552072
P-WA Medium	125 x 22,23	5 x 7/8	medium	10	5512306100	552096

Gloss polishing flap discs

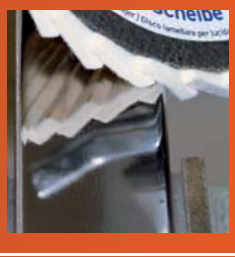
Gloss Polishing flap disc for angle-grinders

★★★☆

The G-VA finish completes the programme of the DRONCO Polishing flap discs. The disc is equipped with flaps made of high-quality special felt and is generally used with polishing compounds. This gives the work piece a mirror finish.

Packing unit: 1 pc. or 10 pcs.

For polishing metals using polishing compounds.



DESCRIPTION	DIMENSION MM	DIMENSION INCH	STRUCTURE	CONTENT PC.	ITEM CODE	BAR CODE 4081600
G-VA Finish	115 x 22,23	4 1/2 x 7/8	felt	1 in Blister pack	5511221100	553123
G-VA Finish	125 x 22,23	5 x 7/8	felt	1 in Blister pack	5512221100	553130
		Also available 10 pcs in Carton box				
G-VA Finish	115 x 22,23	4 1/2 x 7/8	felt	10	5511220100	553109
G-VA Finish	125 x 22,23	5 x 7/8	felt	10	5512220100	553116
Polishing set, 5-part for the processing of stainless steel	Blister pack, content: 1 x Polishing Flap Disc G-VA coarse. 1 x Polishing Flap Disc G-VA fine 1 x Gloss Polishing Flap Disc G-VA finish. 1 x Polishing compound blue, 110g, 1x Polishing compound white 110g					
G-VA Finish-Set	115 x 22,23	4 1/2 x 7/8	mixed	1 Set in Blister pack	6900040100	706208
G-VA Finish-Set	125 x 22,23	5 x 7/8	mixed	1 Set in Blister pack	6900041100	706215

Polishing compound, single, 110 Gram

★★★☆

Polishing compound white = pre-polishing steel and stainless steel.
Polishing compound brown = pre-polishing of non-ferrous metals
Polishing compound blue = gloss-polishing.

DESCRIPTION	DIMENSION GRAM	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Polishing compound white	110	1	6400403000	707328
Polishing compound brown	110	1	6400402000	707311
Polishing compound blue	110	1	6400404000	707304

Recommended use:

- To start, process the work piece with the coarse G-VA Polishing flap disc followed by fine.
- The Gloss Polishing flap disc is always used with a corresponding polishing compound.
- Step 1: Start with a white or brown pre-polishing compound.
- Step 2: Use a new Polishing flap disc with a blue high-gloss polishing compound in order to obtain a high-gloss surface.
- For the polishing of aluminium and non-ferrous metals, use a brown polishing compound especially for these materials.
- With a reduced working speed of 4.500 rpm, better polishing results are achieved than with the angle grinder at full speed.

Brilliant results in 3 steps

with our 10 pcs. Professional Polishing System

1

Pre-Polishing with Sisal cloth and polishing compound:

- white for stainless steel
- brown for non-ferrous metals
- most important step after grinding
- high stock removal

2

Polish with Notiflex® 914 in conjunction with polishing compound:

- white for stainless steel
- brown for non-ferrous metals
- hard cloth
- even surface

3

Mirror-finishing with Notiflex® 925 in conjunction with blue polishing compound

- short process time
- light contact pressure

Polishing System, 10 pcs.

For use on drilling machines, flexible shafts, angle polishers and stationary polishing stands for ultimate polishing in 3 steps.

Content of package:
6 Cloth discs: 2 x Sisal cloth, 2 x Notiflex® 914, 2 x Notiflex® 925
3 x polishing compound (white, brown, blue)
1 x drive arbor

Processing on pots, processing on mountings, automotive industry, builder`s hardware

DESCRIPTION	DIMENSION MM	SPEED R.P.M.	ITEM-CODE	BAR CODE 4081600
Polishing System	100 mm	4000	6900003100	700688

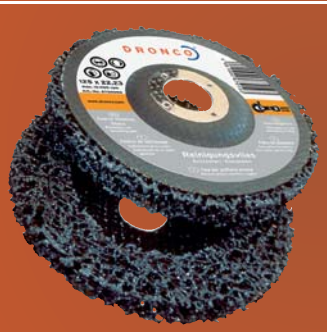
PLEASE OBSERVE

Notiflex®: High quality randomly-placed fibre.
Advantages: no seams, little heating, 30 % less polishing compound use in relation to commercial polishing buffs. Not suitable for work on edges!

Coarse cleaning fleeces

Dronco cleaning fleeces produce optimum results when used to grind and rub down metal, stainless steel, wood or plastic surfaces and can be used as a preliminary stage before polishing. They are made of intertwined nylon fibres which are then immersed in synthetic resin and gently hardened. They are available with a glass fibre backing or for the use with straight or cylindrical grinders.

Coarse cleaning fleeces for the use on angle-grinders ★★★☆



Suitable for cleaning and polishing all surfaces.
Packing Unit: 10 pc.

Removal of old paint, rust and welding splatter without scratching the surface of the work-piece, cleaning and smoothing wood and plastic, polishing of stainless steel and removal of thermal bluing.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Cleaning fleece	115 x 22,23	4 1/2 x 7/8	11000	10	6700001100	670059
Cleaning fleece	125 x 22,23	5 x 7/8	10000	10	6700002100	670103
Cleaning fleece	180 x 22,23	7 x 7/8	8500	10	6700003100	670158

Coarse cleaning fleece set including 36 pc. in our special offer box ★★★☆

Our coarse cleaning fleece in the attractive, self-explanatory special offer box. Mixed box contains 18 pc. 115mm, and 18 pc. 125mm with fibre backing.

Definitely a sales success - in the product shelve or on your sales counter.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Mixed box	115 / 125 x 22,23	4 1/2 / 5 x 7/8	2 x 18	6700012100	683349

PLEASE NOTE

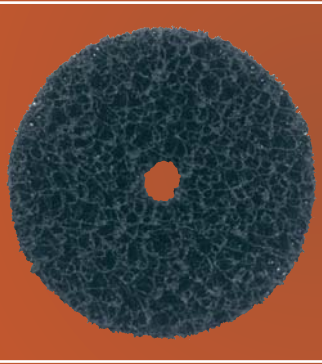
This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

battery friendly

PLEASE OBSERVE

Coarse cleaning fleeces are designed to be used flat – they are not suitable for grinding or cutting.

Coarse cleaning fleeces for straight and cylindrical grinders ★★★☆



Suitable for cleaning and polishing all surfaces. The use on straight or cylindrical grinders happens with a tensioning shaft.

Removal of old paint, rust and welding splatter without scratching the surface of the work-piece, cleaning and smoothing wood and plastic, polishing of stainless steel and removal of thermal bluing.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Cleaning fleece	100 mm	4	10	6700006000	670301
Cleaning fleece	150 mm	6	10	6700007000	670356

Tensioning shaft

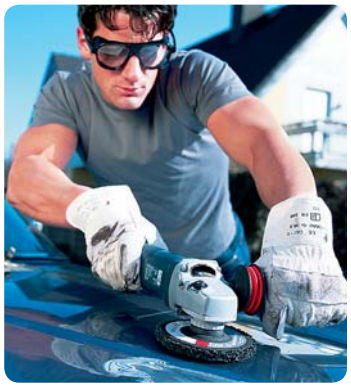
The tensioning shaft enables the use of cleaning fleeces on straight or cylindrical grinders.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Tensioning shaft	6 mm		1	6700008100	670400

More grinding luxury for your customers

The coarse cleaning fleece with best results during test

For better depiction, the guard of the angle-grinder was removed for picture taking.
Please make sure to use the coarse cleaning fleece on your angle-grinder with appropriate safety precautions only.



The Label - briefly explained

The label of the diamond blade contains all important information about the product.

1 Description

Consists of the purpose and performance class (3 / 4 / 5 / 7): e.g. U5

U – Universal
S – Stone Plates
F – Tiles or Stoneware
B – Concrete
G - Granite and Hard Stones
A - Abrasive Stones and Asphalt
AM - Mortar Raking

2 Product Lines

perfect | superior | evolution | xtreme

More details on page 91.

3 Safety Standards

Our products comply with the highest standards and regulations:
EN 13 236 - diamond tools
OSA - The Organization for the Safety of Abrasives

4 Dimensions

Consist of [diameter of the blade] x [thickness of the segments] x [bore size].
Dimensions given in mm.

5 max. RPM

Indicates the permitted maximum speed.
In this example 6600 rpm.

6 Directional Arrow

Indicates the direction of rotation of the blade.

7 Red Bar

Indicates 80 m/s as permitted peripheral speed.

Green Bar

Indicates 100 m/s as permitted peripheral speed.

8 Safety Information

For your own safety. Please observe!

9 www.dronco.com

24 hour service on our website - we are always there when you need us!

THE RIGHT TOOL
FOR EVERY TASK
DRONCO
www.dronco.com
XTREME
EN 13 236
max. RPM 6600
max. 80m/s
Ø 230 mm
22,23 mm
U7
speed
UNIVERSAL
BAUMATERIAL
CONSTRUCTION SITE MATERIALS | MATÉRIAUX DE CHANTIER
MATERIAL DE OBRAS | MATERIALE DA CANTIERE
HIGH SPEED
LONG LIFE
PERFECT
S3
turbo
SUPERIOR
U4
speed
EVOLUTION
B5

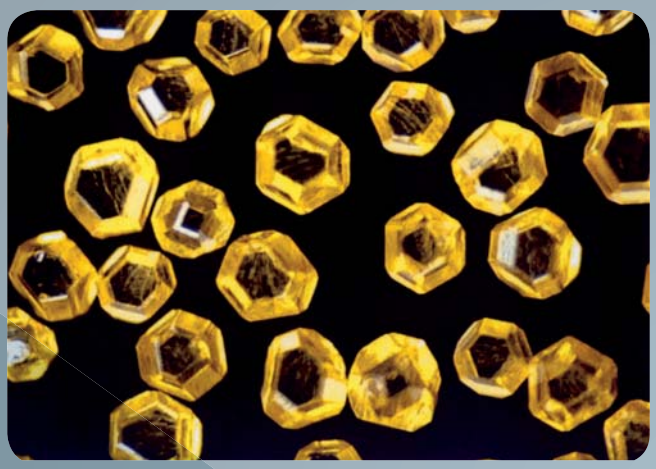
Many years of experience for best quality

Diamond tools have been part of our range for more than 30 years. During this period an in-depth knowledge has been achieved, which our customers benefit from.

Innovation

Always one step ahead

Our R+D team is working in modern laboratories on future-oriented technologies for abrasive tools, resulting in product innovations and a continuous improvement of existing products with regard to cutting ability, lifetime, speed and precision. As a result, significant performance improvements of more than 30 % in the sector of diamond tools have been achieved in the past few years.



Diamonds

DRONCO relies on synthetic diamonds

The diamonds are responsible for the actual cutting work of the tool. DRONCO uses synthetic diamonds which have the same degree of hardness as natural diamonds. In comparison to their natural counterparts, they offer the advantage of an ideal structure that always remains the same. Both grain size and the crystalline shape of the diamonds are adjusted to the optimum parameters for the respective field of application in order to achieve perfect cutting abilities and a high lifetime.

Highest Safety Standards

In terms of safety and quality, DRONCO diamond cutting blades are manufactured and tested according to the latest standards, regulations and norms. Our quality management system ensures that we meet the high demands of a modern, worldwide acting industrial enterprise on all levels. Certification in accordance to DIN EN ISO 9001:2008 is therefore just as normal as our oSa membership (Organization for the Safety of Abrasives).

Tested Safety According to EN 13 236 and oSa

EN 13 236
European safety standard for diamond tools

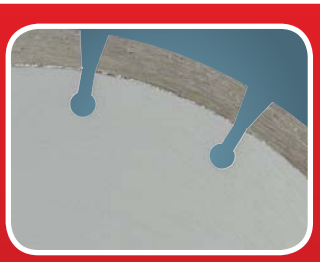
oSa
The Organization for the Safety of Abrasives

OUR PRODUCTS SAFETY FIRST!

Being a member of oSa, we do everything to make our abrasive tools as secure as possible.

Core Geometry

Introducing the various core shapes used for our diamond cutting blades.

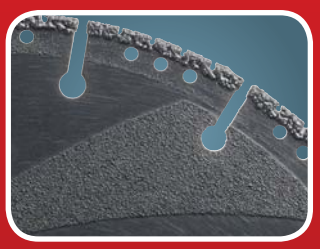


Standard Segmentation (C3)

- narrow gullet
- small slots with slot holes

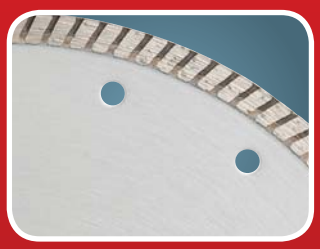
Continuous Rim (GRF)

- stable running
- cutting edges without chipping



Standard Segmentation Diamond Brazed

- small slots with slot holes
- segments directly coated with diamonds in a vacuum-process
- good discharge of material

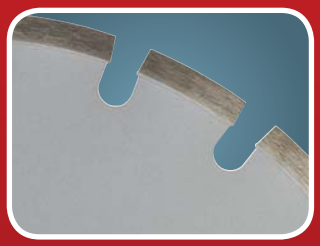


Continuous Turbo Rim

- stable running
- clean cut without chipping

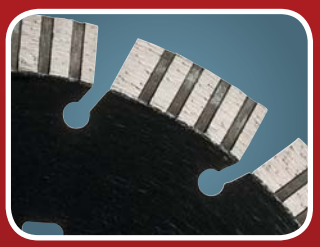
Turbo Segmentation (C3)

- small slots with slot holes
- agressive fast cut
- higher lifetime



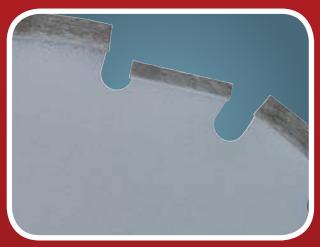
Wide Segmentation (C1)

- normal gullet
- wide slots
- good discharge of material



Speed Segmentation (C3)

- narrow gullet
- small slots with slot holes
- agressive fast cut
- outstanding lifetime, no cooling breaks
- suitable for cutting metal



Wide Segmentation with Core Guard Segments (C1S)

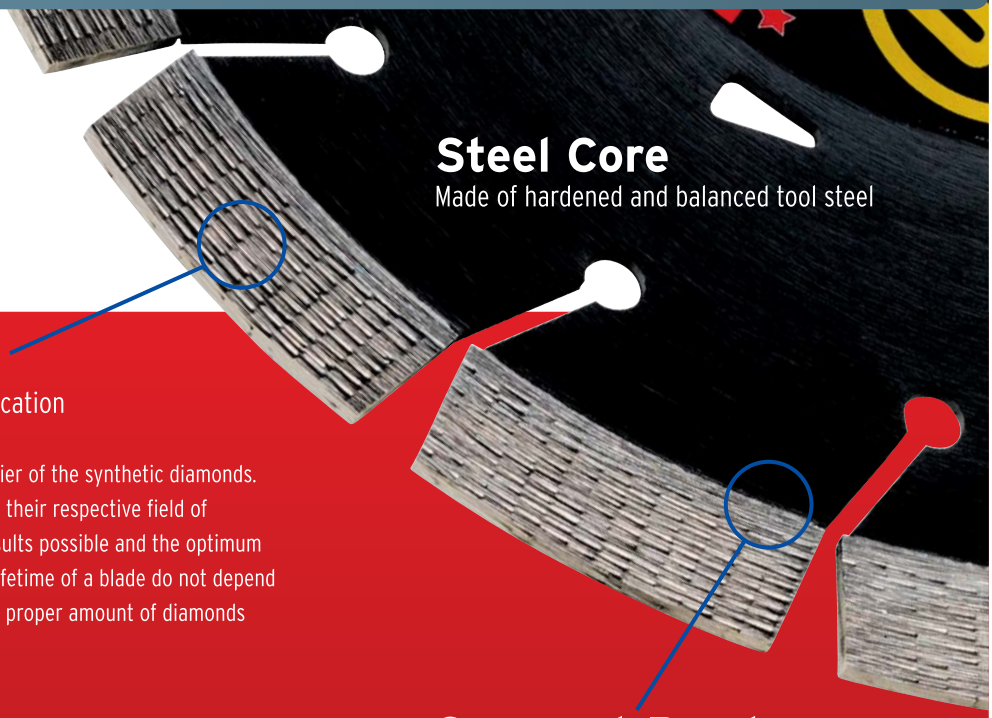
- normal gullet
- wide slots
- good discharge of material
- core guard segments to protect the core as well as to prevent undercutting

VIBRATION AND NOISE CAN BE REDUCED EFFECTIVELY

Our "Protect" blades are using special sandwich steel cores which are reducing vibration and noise noticeably during the cutting operations.

protect

low noise | low vibration



Steel Core

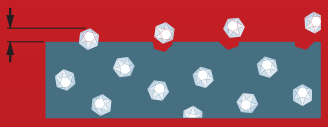
Made of hardened and balanced tool steel

Diamond Segment

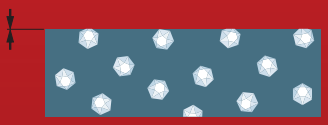
The ideal material for all fields of application

The bond of the individual segments is the carrier of the synthetic diamonds. The high-tech bonds are specifically adapted to their respective field of application in order to ensure both the best results possible and the optimum wear of the bonds. The cutting ability and the lifetime of a blade do not depend on the highest concentration, but rather on the proper amount of diamonds and the composition of the bond:

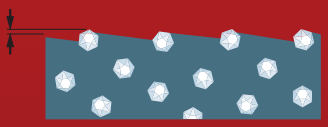
Hard Material → Soft Bond
Soft Material → Hard Bond



Poor – excessive wear of the bond
The diamond grain separates prematurely, resulting in a shortened lifetime.



Poor – insufficient wear of the bond
The diamond grain is polished or broken off on the bond level. New diamonds cannot be released and the blade loses its cutting ability.



Perfect – optimum wear of the bond
The diamond grain is evenly released. The blade maintains its cutting ability and achieves an ideal lifetime. The trail of the bond perfectly supports the diamond grain and ensures an optimum cutting ability.

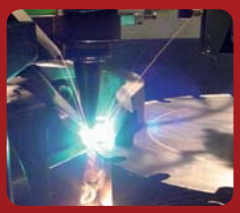
Segment Bond

Joins the steel core and the segment

There are two methods for permanently joining the diamond segments and the steel core:

Laser welding
This method is characterized by the fact that the diamond segments are permanently welded to the high-quality steel core. As segment losses can almost be completely excluded, this method ensures the best operational safety possible.

Sintering
During this process, the segments are sintered to the steel core by applying high pressure and temperature.



DRY CUTTING BLADES

DRONCO diamond cutting blades for dry cutting can be used for wet cutting as well without any concern.

WET CUTTING BLADES

DRONCO diamond cutting blades for wet cutting may only be used on water-cooled machines!

Strong content - Strong outfit

We think a top product needs an appealing packaging. That's why DRONCO does not use a random solution, but a carefully thought out, eye-catching outfit to inform and convince our customers visually and haptically.

The outstanding product quality and high-class brand image will help to showcase you as a distributor as well. Our self-explanatory packaging facilitates the consulting of your customers and therefore improves the sales.

Completely Protected
The carton sleeve with closed sides protects the product ideally.

Colour Coding System
Six colours ensure a quick orientation. Read more on page 92.

QR Code
Learn more about the product by scanning the QR code on the packaging.

Concise Description
The product name consists of purpose, product line and additional features.

Clear View on the Product
Most of the steel core and the diamond segments are visible.

Illustrated Application
Recognize the field of application at a glance.

Clear Information
All relevant information on the product as well as the packaging are easy to comprehend. Multilingual recommendations of application can be found on the reverse of the packaging (16 languages).

The Segment Check
"Feel the Power". The cut out packaging allows you to "feel" the diamond segments.

Our Product lines - For all demands

Three quality lines based on the good-better-best-principle: From the solid craftsmen quality, which is used by semi-professionals as well, to the absolute high-end tools for the intensive use on construction sites; DRONCO has the right tool for all demands.

BEST

EVOLUTION ★★★★★

XTREME ★★★★★★★

High performance diamond cutting blades for the professional user to meet high expectation on demanding application. Maximum cutting speed and outstanding lifetime. Wide range of application. The Evolution and Xtreme line can be recognized by their gold labels and 5 or 7 stars.

BETTER

SUPERIOR ★★★★☆

Premium tools for the professional user. Effective, durable and economical. Convincing in daily use thanks to their fast cutting speed and good lifetime. Outstanding price-performance ratio. The Superior line can be recognized by its blue label and 4 stars.

GOOD

PERFECT ★★★☆☆

The economically priced assortment for many different tasks in approved craftsmen quality. Good lifetime and fast cutting speed at an attractive price. For users who place the emphasis on quality but don't need a high-performance tool for continuous use. The Perfect line can be recognized by its silver label and 3 stars.

The right cutting blade found instantly

Our colour coding system on the packaging of the diamond cutting blades features six distinctive colours, each for a different field of application. Additionally the materials which the blades are suitable for are illustrated on the carton sleeves. Thanks to the detailed application chart, you can easily determine which diamond cutting blade is the best choice for your field of application.

COLOUR CODING SYSTEM:

Universal
Yellow

Concrete
Green

Tiles/Stoneware
Turquoise

DO YOU NORMALLY CUT THE SAME OR DIFFERENT TYPES OF MATERIAL?

Same material
We recommend using the following blades:
A4, B4, B5 and G4

Different materials
For applications with a wide range of materials we recommend using the following blades:
U3, U4, U4 speed, U4 protect, DB4, U5 speed, U5 protect and U7 speed

Stone Plates
Orange

Granite and Hard Stones Navy Blue

Abrasive Stones and Asphalt Red

WHEN SHOULD YOU USE A BLADE WITH A CONTINUOUS RIM?

If you want to cut materials where a clean cut is required (e.g. tiles, glazed bricks, stoneware), we recommend you to use one of the following blades:
S3 turbo, S5 turbo, S5 turbo protect, F3, F4 cera and F5 cera speed

The continuous rim prevents the edges from chipping, guaranteeing a brilliant cutting result. Blades with a continuous rim should only be used up to a cutting depth of 2 cm when cutting dry.

DRONCO®

Application chart of diamond cutting blades

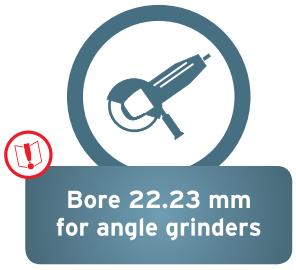
●●● most suitable
●● very suitable
● suitable
◒ limited suitable

		PAGE	Asphalt	Basalt	Reinforced wire mesh	Concrete	Concrete, reinforced	Concrete roofing tiles	Composite concrete paving	Cotto plates	Ductile and Cast pipes	Skreed, floor pavement, plaster	Eternit	Fine stoneware, Quarry tiles	Refractory stones	Tiles	Green concrete
UNIVERSAL / CONSTRUCTION SITE MATERIALS																	
ST-7	QUALITY	96				●		●									
U3	PERFECT	96				●		●									
U4	SUPERIOR	97		●		●●	●	●	●	●		●					
U4 SPEED	SUPERIOR	97		●●	●●	●●	●●	●●	●●	●●	●	●	●●				
DB4	SUPERIOR	98		●●	●●	●●	●●	●●	●●	●●	●●	●	●●				
U4 PROTECT	SUPERIOR	98		●●	●●	●●	●●	●●	●●	●●	●	●	●●				
U5 SPEED	EVOLUTION	99	●	●●	●●	●●●	●●●	●●●	●●●	●●	●●●	●	●●		●●		
U5 PROTECT	EVOLUTION	100	●	●●	●●	●●●	●●●	●●●	●●●	●●	●●●	●	●●		●		
U7 SPEED	XTREME	101	●	●●	●●	●●●	●●●	●●●	●●●	●●	●●●	●	●●		●●		
STONE PLATES / ROOF TILES																	
S3 TURBO	PERFECT	102				●		●●		●				◒		●	
S5 TURBO PROTECT	EVOLUTION	102				●●		●●●		●●●				●	◒	●	
S5 TURBO	EVOLUTION	103				●●		●●●		●●●				●	◒	●	
TILES / STONEWARE																	
F3	PERFECT	103								●						●●	
F4 CERA	SUPERIOR	104				●		●		●●●				●●●		●●●	
F5 CERA SPEED	SUPERIOR	105				●		●		●●●				●●●		●●●	
CONCRETE																	
B4	SUPERIOR	106				●●	●●	●●	●●	●		●	●●				
B5	EVOLUTION	107	◒	●●		●●●	●●●	●●●	●●●	●●●	●●	●	●●●		●		
GRANITE / HARD STONES																	
G4	SUPERIOR	108		●●●		●		●		●●					●		
ABRASIVE STONES / ASPHALT																	
A4	SUPERIOR	108	●●●					●				●●●	●		◒		●●
A4 ASPHALT	SUPERIOR	109	●●●					●				●●●	●		◒		●●
A4 M	SUPERIOR	109				●						●●	●				

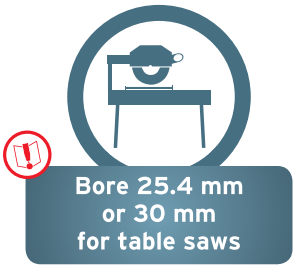
In the application chart you will find the diamond blades pre-sorted according the field of application.
You can see which disc is most suitable for different material.

On which type of machine can the blades be used?

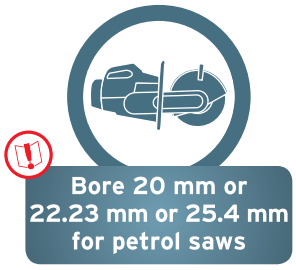
These information can also be found in the descriptions of each type on the following pages.



Bore 22.23 mm
for angle grinders



Bore 25.4 mm
or 30 mm
for table saws



Bore 20 mm or
22.23 mm or 25.4 mm
for petrol saws

Application chart of diamond cutting blades

		Porous concrete	Gneiss	Granite	Cast up to 5 mm	Sand-lime stone	Limestone	Clinker, Engineering bricks	Marble	Paver	Porphyry	Sandstone	Slate	Steel up to 3,5 mm	Terrazzo	Exposed aggregate concrete	Bricks
UNIVERSAL / CONSTRUCTION SITE MATERIALS																	
ST-7	QUALITY	●				●	●					●					●
U3	PERFECT	●				●	●					●					●
U4	SUPERIOR	●	●	●		●	●				●	●	●		●	●●	●●
U4 SPEED	SUPERIOR	●	●	●		●	●	●		●	●	●	●	●	●	●●	●●
DB4	SUPERIOR	●	●	●	●	●	●	●	●	●	●	●	●	●●	●	●●	●●
U4 PROTECT	SUPERIOR	●	●	●		●	●	●		●	●	●	●	●	●	●●	●●
U5 SPEED	EVOLUTION	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
U5 PROTECT	EVOLUTION	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
U7 SPEED	XTREME	●●	●●	●●		●●	●●	●●●	●	●●●	●●	●	●	●●	●●●	●●●	●●●
STONE PLATES / ROOF TILES																	
S3 TURBO	PERFECT		●	●		●	●	●	●		●	●	●		●	●	●
S5 TURBO PROTECT	EVOLUTION		●●	●●		●	●	●	●		●	●	●		●●	●	●●
S5 TURBO	EVOLUTION		●●	●●		●	●	●	●		●	●	●		●●	●	●●
TILES / STONEWARE																	
F3	PERFECT																
F4 CERA	SUPERIOR		●	●							●				●		
F5 CERA SPEED	SUPERIOR		●●	●●							●				●●		
CONCRETE																	
B4	SUPERIOR	●					●	◒		◒					●●	●●	●●
B5	EVOLUTION	●●	●	●		●●	●●	●●		●●	●●	●	●●		●●●	●●●	●●●
GRANITE / HARD STONES																	
G4	SUPERIOR		●●●	●●●		●	●●	●●	●●	●	●●	●	●●		●●	●	
ABRASIVE STONES / ASPHALT																	
A4	SUPERIOR	●●				●●●						●●●					●●
A4 ASPHALT	SUPERIOR	●●				●●●						●●●					●●
A4 M	SUPERIOR	●●				●●						●					●●

You can get DRONCO Diamond cutting discs in different performance classes - from a standard product for occasional use up to the high-end product for professional applications. On the following pages you will always find the corresponding symbol for the respective performance class of the tools in the heading of each type.

XTREME ★★★★★★★ EVOLUTION ★★★★★

PROFESSIONAL APPLICATION

High-end product: extremely fast cutting, outstanding lifetime, minimum effort

SUPERIOR ★★★★☆

DEMANDING APPLICATION

Very good cutting performance, high lifetime

PERFECT ★★★☆☆

STANDARD APPLICATION

Good cutting performance, good service life

Universal | Construction site materials

ST-7 | quality | Dry and wet cutting | ★☆☆☆

Sintered, segmented diamond cutting disc.
All-round diamond cutting disc at a fair price.
Packing unit: 1 pc.

All kind of construction site material

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2 x 22,23	4 1/2 x 5/64 x 7/8	13280	9	7	C 3	4110485100	412406
125 x 2 x 22,23	5 x 5/64 x 7/8	12200	9	7	C 3	4120485100	422405
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	14	7	C 3	4180485100	442403
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	18	7	C 3	4230485100	452402

U3 | perfect | Dry and wet cutting | ★★★☆☆

Sintered, segmented diamond cutting blade designed to cut construction site materials with a good price-performance ratio.
Packing unit: 1 pc.

All kinds of construction site materials, e.g. concrete, exposed aggregate concrete, bricks.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13280	8	10	C3	4113810100	040012
125 x 2 x 22,23	5 x 5/64 x 7/8	12200	9	10	C3	4123810100	040029
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8600	13	10	C3	4183810100	040036
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6600	16	10	C3	4233810100	040043
300 x 3 x 20	12 x 7/64 x 3/4	6400	22	10	C3	4303805100	040050
300 x 3 x 22,23	12 x 7/64 x 7/8	6400	22	10	C3	4303810100	040067
300 x 3 x 25,4	12 x 7/64 x 1	6400	22	10	C3	4303815100	040074
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	20	10	C3	4353815100	040081

U4 — superior — Dry and wet cutting ★★★★☆

Laser welded, segmented blade designed to cut construction site materials dry or wet. Maximum safety and very good cutting results at a reasonable price.
Packing unit: 1 pc.

Construction site materials, e.g. concrete, exposed aggregate concrete, border stones.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	9	10	C3	4114185100	040098
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	10	10	C3	4124185100	040104
150 x 2,4 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	4154185100	040111
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8600	14	10	C3	4184185100	040128
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	16	10	C3	4234185100	040135
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	4304180100	040142
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	16	10	C3	4304182100	040159
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	16	10	C3	4304190100	040166
300 x 2,8 x 30	12 x 7/64 x 1 1/5	6400	16	10	C3	4304192100	041491
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	4354180100	040173
350 x 2,8 x 22,23	14 x 7/64 x 7/8	5500	19	10	C3	4354185100	040180
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	10	C3	4354190100	040197
350 x 2,8 x 30	14 x 7/64 x 1 1/5	5500	19	10	C3	4354195100	040203
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	10	C3	4404190100	040210
450 x 3,6 x 25,4	18 x 1/8 x 1	4250	32	10	C3	4454190100	040227

U4 speed — superior — Dry and wet cutting ★★★★☆

Laser-welded universal diamond blade with a wide field of application.
Special speed-slot segments allow high cutting speed and good all-round performance at an attractive price.
The punched steel core ensures a smooth operation with optimum cooling. Outstanding price-performance ratio.
Packing unit: 1 pc.

For concrete, reinforced concrete, natural stone and construction site materials

HIGH SPEED

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	9	10	C3	4114521100	040234
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	10	10	C3	4124521100	040241
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8600	14	10	C3	4184521100	040258
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6600	15	10	C3	4234521100	040265
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	10	C3	4304521100	040272
300 x 3 x 25,4	12 x 7/64 x 1	6400	20	10	C3	4304525100	040289
350 x 3 x 25,4	14 x 7/64 x 1	5500	23	10	C3	4354525100	040296

DB4 — superior — Dry and wet cutting ★★★★☆

The all-round product with a voracious appetite for cutting - for universal use in a broad range of applications on construction sites or by emergency services. The steel blade is directly coated with diamonds in a special vacuum process.
Packing unit: 1 pc.

Very good cutting abilities in many materials such as artificial and natural stone: concrete, reinforced concrete, exposed aggregate concrete, concrete paving, Indian granite, quarry slabs, granite slabs, sandlime stone, bricks. Metals: iron constructions and iron profiles, cast iron, sheet metals, non-ferrous metals, ductile pipes. Plastics, fibreglass, carbon fibre, wood, rubber, etc.

battery friendly

ø 115 & 125 mm

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,4 x 22,23	4,5 x 3/32 x 7/8	13280	9	6	C3	4114208100	040302
125 x 2,4 x 22,23	5 x 3/32 x 7/8	12200	10	6	C3	4124208100	040319
180 x 2,6 x 22,23	7 x 7/64 x 7/8	8600	14	7	C3	4184208100	040326
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6600	16	8	C3	4234208100	040333
300 x 3 x 20	12 x 7/64 x 3/4	6400	20	8	C3	4304207100	040340
350 x 3,4 x 20	14 x 1/8 x 3/4	5500	24	8	C3	4354207100	040357

U4 protect — superior — Dry and wet cutting ★★★★☆

The laser welded universal diamond cutting blade with noise reducing sandwich core combines best working practice with an excellent cutting performance and a reasonable price.
Packing unit: 1 pc.

- **reduces noise and vibration***
- **excellent cutting speed**
- **high lifetime thanks to its 10 mm segments**

All-round product for concrete, reinforced concrete, natural stone and construction site materials

HIGH SPEED

LONG LIFE

protect
low noise | low vibration

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	9	10	C3	4114234100	040364
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	10	10	C3	4124234100	040371
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6600	16	10	C3	4234234100	040388
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	20	10	C3	4304232100	040395
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	20	10	C3	4304234100	040401
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	20	10	C3	4304236100	040418

*U4 protect – 8 db (A), dimension 230 mm, in comparison to a U4 diamond blade

U5 speed | **evolution** | **Dry and wet cutting** | ★★★★★

Our bestseller: Laser welded all-round cutting blade with speed segments for an ultimately fast cutting speed and clean cutting edges. Excellent universality, outstanding lifetime. Can be used for soft, abrasive stones as well as hard natural stones. No cooling brakes needed.
Packing unit: 1 pc.

Top class all-round product!

- **aggressive laser welded speed segments**
- **high-performance diamonds**
- **no cooling brakes**
- **outstanding cutting speed**
- **extremely high lifetime**

All kind of construction site materials, e.g. basalt, concrete, reinforced concrete, cotto, ductile and cast pipes, gneiss, granite, clinker bricks, porphyry, exposed aggregate concrete, bricks, etc.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	8	12	C3	4115386100	040654
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	9	12	C3	4125386100	040661
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8600	12	12	C3	4185386100	040678
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6600	16	15	C3	4235386100	040685
300 x 3,2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	4305657100	040692
300 x 3,2 x 25,4	12 x 7/64 x 1	6400	21	15	C3	4305667100	040708
350 x 3,2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	4355657100	040715
350 x 3,2 x 22,23	14 x 7/64 x 7/8	5500	25	15	C3	4355662100	040722
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	25	15	C3	4355667100	040739

DRONCO®

U5 protect | **evolution** | **Dry and wet cutting** | ★★★★★

Laser welded all-round diamond disc with a special sandwich steel core, which reduces vibration noticeably and noise by 50 %. The segments are made of high performance diamonds and a bonding designed for extremely high cutting speeds. Clean cutting properties and a very good lifetime are also features of this product. The field of applications ranges from hard to soft materials, abrasive materials, as well as reinforced materials. The disc can be used without cooling brakes.
Packing unit: 1 pc.

All kind of construction site materials, e.g. concrete, reinforced concrete, exposed aggregate concrete. Usable for hard stones, gneiss, granite, clinker bricks, porphyry, bricks, ductile and cast pipes etc.

Do you know the latest legal regulations based on the EU guidelines for protecting workers from noise and vibration? The U5 protect allows responsible employers to provide their staff with tools, which significantly reduce health damaging factors in the work environment. A reduction in noise level by minus 10 db(A) = halving the volume. The U5 protect features an extraordinary high-tech steel core, which reduces the sound level by 50 %. This also makes the experience of the cutting procedure around the construction site much more pleasant. Another bonus for the operator is the noticeably lower vibration level. These two factors add up to important protection for the health of the operator. And this is achieved with no loss in performance. The U5 protect offers outstanding cutting speed and the lower vibration level also reduces wear and tear on the segments – increasing the lifetime of the product.

50% less noice, noticeable less vibration

- **high-performance diamonds for outstanding cutting speed**
- **excellent lifetime**
- **no cooling brakes**
- **noise and vibration reduced**

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6600	16	10	C3	4235613100	040746
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	20	12	C3	4305603100	040753
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	20	12	C3	4305624100	040760
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	24	12	C3	4355603100	040777
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	24	12	C3	4355624100	040784

U7 speed | **xtreme** | **Dry and wet cutting** | ★★★★★★★

The special, geometrically arranged diamonds within the segments of the ultra fast and indestructible, laser welded all-round blade guarantee outstanding cutting abilities. It's the perfect product for the intensive, professional use. No cooling brakes needed.
Packing unit: 1 pc.

All kind of construction site materials, e.g. concrete, reinforced concrete, exposed aggregate concrete. Usable for hard stones, gneiss, granite, clinker bricks, porphyry, bricks, ductile and cast pipes etc.

The new U7 speed sets standards and combines all the features a top all-round disc can offer:

- **Extremely high cutting speed thanks to its innovative segment technology with geometrically arranged high-performance diamonds. Segments and bond have been optimized for an optimum cutting speed and universal use.**
- **Flat 15 mm segments with compact volume, a high diamond density and an optimized bond ensure an outstanding lifetime during the daily all-round use.**
- **Effortless cutting without physical exertion.**

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	9	12	C3	4117135100	040562
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	9	12	C3	4127135100	040579
180 x 2,4 x 22,23	7 x 3/32 x 7/8	8600	12	12	C3	4187135100	040586
230 x 2,6 x 22,23	9 x 7/64 x 7/8	6600	16	15	C3	4237135100	040593
300 x 3,2 x 20	12 x 7/64 x 3/4	6400	21	15	C3	4307134100	040609
300 x 3,2 x 25,4	12 x 7/64 x 1	6400	21	15	C3	4307136100	040616
350 x 3,2 x 20	14 x 7/64 x 3/4	5500	25	15	C3	4357134100	040623
350 x 3,2 x 22,23	14 x 7/64 x 7/8	5500	25	15	C3	4357135100	040630
350 x 3,2 x 25,4	14 x 7/64 x 1	5500	25	15	C3	4357136100	040647

Stone plates | Roof tiles

S3 turbo — perfect — Dry and wet cutting ★★★☆☆

The price-worthy alternative. Sintered dry cutting blade designed to cut construction site materials. The continuous cutting rim produces a clean cut without any chipping.

Packing unit: 1 pc.

The cutting depth should not exceed 2 cm.

Concrete, concrete roofing tiles, fireproof stones, gneiss, granite, terrazzo, bricks.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,1 x 22,23	4,5 x 5/64 x 7/8	13280	-	7	GR	4113460100	040791
125 x 2,1 x 22,23	5 x 5/64 x 7/8	12200	-	7	GR	4123460100	040807
180 x 2,6 x 22,23	7 x 7/64 x 7/8	8600	-	7	GR	4183460100	040814
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6600	-	7	GR	4233460100	040821

S5 turbo protect — evolution — Dry and wet cutting ★★★★★

Very comfortable turbo diamond blade with sandwich steel core.
For cutting of natural and artificial stone plates.
Packing unit: 1 pc.

Professional turbo blade also suitable for thicker stone plates of concrete, natural stone, roof tiles and terrazzo.

LONG LIFE

protect
low noise | low vibration

- pleasant working due to low vibration and reduced noise
- excellent cutting speed
- outstanding lifetime
- laterally extended segments for faster material ejection
- waved steel blade for optimal cooling
- the perfect combination for satisfactory working comfort, with good cutting ability at an attractive price

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	-	7	GR	4115466100	040838
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	-	7	GR	4125466100	040845
230 x 2,8 x 22,23	9 x 7/64 x 7/8	6600	-	7	GR	4235466100	040852

*S5 turbo protect – 8 db (A), dimension 230 mm, in comparison to a U4 diamond blade

S5 turbo | evolution | Dry and wet cutting ★★★★★

The premium turbo blade from DRONCO. The new type of 9 mm castle segments and a smooth, perforated stainless steel core are the prime features of this product. With this turbo blade you don't have to worry about limitations to the cutting depth. Smooth running, excellent all-round qualities, outstanding lifetime and clean cutting edges make this product a real all-rounder on any construction site. Especially for roofers and garden and landscape construction.

Packing unit: 1 pc.

Professional turbo blade also suitable for thicker stone plates. Very good cutting results and lifetime in concrete, concrete roofing slabs, gneiss, granite, terrazzo, bricks, roofing tiles.

HIGH SPEED

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	-	9	GR	4115441100	040869
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	-	9	GR	4125441100	040876
180 x 2,5 x 22,23	7 x 3/32 x 7/8	8600	-	9	GR	4185441100	040883
230 x 2,5 x 22,23	9 x 3/32 x 7/8	6600	-	9	GR	4235441100	040890

Tiles | Stoneware

F3 | perfect | Dry and wet cutting ★★★☆☆

Well proven, sintered diamond cutting blade with continuous cutting rim for clean cutting edges.

Packing unit: 1 pc.

For cutting tiles, wall tiles, floor tiles, stove tiles.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
100 x 1,8 x 16	4 x 5/64 x 5/8	15300	-	5	GR	4103500100	040906
110 x 1,9 x 22,23	4,5 x 5/64 x 7/8	13900	-	5	GR	4113509100	040913
115 x 1,9 x 22,23	4,5 x 5/64 x 7/8	13280	-	5	GR	4113510100	040920
125 x 1,9 x 22,23	5 x 5/64 x 7/8	12200	-	5	GR	4123510100	040937
150 x 2,1 x 22,23	6 x 5/64 x 7/8	10200	-	5	GR	4153510100	040944
150 x 2,1 x 25,4	6 x 5/64 x 1	10200	-	5	GR	4153515100	040951
180 x 2,3 x 22,23	7 x 3/32 x 7/8	8600	-	5	GR	4183510100	040968
180 x 2,3 x 25,4	7 x 3/32 x 1	8600	-	5	GR	4183515100	040975
200 x 2,4 x 22,23	8 x 3/32 x 7/8	7600	-	5	GR	4203510100	040982
200 x 2,5 x 25,4	8 x 3/32 x 1	7600	-	5	GR	4203515100	040999
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	-	5	GR	4233510100	041002
250 x 2,4 x 25,4	10 x 3/32 x 1	6100	-	5	GR	4253515100	041019

DRONCO®

F4 cera | superior | Dry and wet cutting ★★★★☆

Tiler's favourite. Thin diamond cutting blade with a continuous turbo rim for cutting of stone plates of granite or other hard stones, as well as stoneware and high fired tiles. Fast and effortless cutting.

Offers an excellent cutting performance and lifetime.
Clean cutting edges.
7.5 mm segment height.
Packing unit: 1 pc.

For cutting stoneware and high fired tiles. Ideal for natural stone plates of marble, granite or terrazzo as well.

- **outstanding cutting speed**
- **very good lifetime**
- **continuous turbo rim for clean cutting edges**
- **smooth and easy to use**

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,4 x 22,23	4,5 x 1/8 x 7/8	13280	-	7,5	GR	4114512100	041026
125 x 1,4 x 22,23	5 x 1/8 x 7/8	12200	-	7,5	GR	4124512100	041033
150 x 2 x 25,4	6 x 5/64 x 1	10200	-	7,5	GR	4154517100	041040
180 x 2 x 22,23	7 x 5/64 x 7/8	8600	-	7,5	GR	4184512100	041057
180 x 2 x 25,4	7 x 5/64 x 1	8600	-	7,5	GR	4184517100	041064
200 x 2 x 22,23	8 x 5/64 x 7/8	7600	-	7,5	GR	4204512100	041071
200 x 2 x 25,4	8 x 5/64 x 1	7600	-	7,5	GR	4204517100	041088
230 x 2 x 22,23	9 x 5/64 x 7/8	6600	-	7,5	GR	4234512100	041095
250 x 2 x 25,4	10 x 5/64 x 1	6100	-	7,5	GR	4254517100	041101
300 x 2 x 25,4	12 x 5/64 x 1	6400	-	7,5	GR	4304517100	041118
300 x 2 x 30	12 x 5/64 x 1 1/5	6400	-	7,5	GR	4304518100	041507
350 x 2 x 25,4	14 x 5/64 x 1	5500	-	7,5	GR	4354517100	041125
350 x 2 x 30	14 x 5/64 x 1 1/5	5500	-	7,5	GR	4354518100	041514

F5 cera speed | evolution | Dry and wet cutting | ★★★★★

Thanks to its thickness of only 1.2 mm and the special geometry of the continuous rim, the F5 cera speed ensures both, an exceptional cutting speed and a comfortable and smooth operation. The 10 mm segments guarantee an optimum lifetime. The integrated flange around the bore makes sure that the blade can be used safely in every situation.

Packing unit: 1 pc.

- 1.2 mm thin cutting rim with special geometry
- clean cutting edges
- minimal material loss
- exceptionally fast cutting
- easy to use
- 10 mm segment height

For cutting quarry tiles, stoneware and granite slabs.

HIGH SPEED

LONG LIFE

battery friendly

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 1,2 x 22,23	4,5 x 3/64 x 7/8	13280	-	10	GR	4115514100	041132
125 x 1,2 x 22,23	5 x 3/64 x 7/8	12200	-	10	GR	4125514100	041149

PLEASE NOTE

This product is also suitable for battery-powered angle grinders in diameters 115 and 125 mm.

battery friendly

Concrete

B4 | **superior** | **Dry and wet cutting** | ★★★★☆

Aggressive, laser welded diamond cutting blade for professional use in concrete and composite concrete paving. Particularly well-balanced segment bonding guarantees cutting without problems of all types of concrete, even with reinforcement.

Packing unit: 1 pc.

Concrete, cotto plates, exposed aggregate concrete, composite concrete paving, concrete roofing tiles, terrazzo.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13280	9	10	C3	4114110100	041156
125 x 2 x 22,23	5 x 5/64 x 7/8	12200	10	10	C3	4124110100	041163
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	4154110100	041170
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	14	10	C3	4184110100	041187
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	16	10	C3	4234110100	041194
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	10	C3	4304105100	041200
300 x 2,8 x 22,23	12 x 7/64 x 7/8	6400	16	10	C3	4304110100	041217
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	16	10	C3	4304115100	041224
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	19	10	C3	4354105100	041231
350 x 2,8 x 22,23	14 x 7/64 x 7/8	5500	19	10	C3	4354110100	041248
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	10	C3	4354115100	041255
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	10	C3	4404116100	041262

B5 evolution — Dry and wet cutting ★★★★★

Laser welded top-class product with aggressive high-performance diamonds. Extremely fast, effortless cutting. For professional use in all sorts of concrete, even with reinforcement. No cooling brakes needed.

Packing unit: 1 pc.

- best cutting abilities for a fast work progress
- excellent lifetime
- no cooling brakes

Concrete, cotto plates, exposed aggregate concrete, composite concrete paving, concrete roofing tiles, terrazzo.

HIGH SPEED — LONG LIFE

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13280	8	10	C3	4115611100	040425
125 x 2 x 22,23	5 x 5/64 x 7/8	12200	9	10	C3	4125611100	040432
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	10	10	C3	4155611100	040449
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	12	10	C3	4185611100	040456
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	15	12	C3	4235611100	040463
250 x 2,6 x 25,4	10 x 7/64 x 1	6100	18	12	C3	4255616100	040470
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	18	12	C3	4305606100	040487
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	18	12	C3	4305616100	040494
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	21	12	C3	4355606100	040500
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	21	12	C3	4355616100	040517
400 x 3,5 x 25,4	16 x 1/8 x 1	4780	28	12	C3	4405616100	040524
450 x 3,5 x 25,4	18 x 1/8 x 1	4250	32	12	C3	4455616100	040531
500 x 4 x 25,4	20 x 5/32 x 1	3800	36	12	C3	4505616100	040548
600 x 4 x 25,4	24 x 5/32 x 1	3170	42	12	C3	4605616100	040555

Granite | Hard Stones

G4 | **superior** | **Dry and wet cutting** | ★★★★☆

High-performance, laser welded diamond cutting blade for the effortless cutting of natural stones. The very soft bond was designed for applications where extremely shock-resistant diamonds are required.

Packing unit: 1 pc.

Special blade for hard natural stones such as granite, basalt, slate, terrazzo, clinker, gneiss and porphyry.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2 x 22,23	4,5 x 5/64 x 7/8	13280	8	10	C3	4114010100	041408
125 x 2 x 22,23	5 x 5/64 x 7/8	12200	9	10	C3	4124010100	041415
150 x 2,2 x 22,23	6 x 3/32 x 7/8	10200	12	10	C3	4154010100	041422
180 x 2,2 x 22,23	7 x 3/32 x 7/8	8600	14	10	C3	4184010100	041439
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	15	12	C3	4234010100	041446
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	21	12	C3	4304015100	041453
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	25	12	C3	4354005100	041460
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	25	12	C3	4354015100	041477
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	28	12	C3	4404015100	041484

Abrasive Stones | Asphalt

A4 | **superior** | **Dry and wet cutting** | ★★★★☆

Powerful, laser welded diamond cutting blade for the professional use in abrasive stones. The wear-resistant bond of the product ensures its outstanding suitability for abrasive materials.

Packing unit: 1 pc.

Specially designed diamond blade for abrasive materials such as sand-lime stone, screed, plaster, sandstone, aerated concrete, bricks or pantiles.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 2,2 x 22,23	4,5 x 3/32 x 7/8	13280	9	7	C3	4114215100	041279
125 x 2,2 x 22,23	5 x 3/32 x 7/8	12200	10	7	C3	4124215100	041286
230 x 2,4 x 22,23	9 x 3/32 x 7/8	6600	16	7	C3	4234215100	041293
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	16	7	C3	4304225100	462159
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	19	7	C3	4354227100	472158

A4 Asphalt — superior — Dry and wet cutting ★★★★☆

Powerful, laser welded diamond cutting disc for the professional use in asphalt. Also suitable for green concrete (up to 24 hours), screed and abrasive, soft materials.

Packing unit: 1 pc.

Special disc for asphalt, green concrete (up to 24 hours), screed and abrasive, soft materials.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
300 x 2,8 x 20	12 x 7/64 x 3/4	6400	18	10	C1S	4304920100	041309
300 x 2,8 x 25,4	12 x 7/64 x 1	6400	18	10	C1S	4304930100	041316
350 x 2,8 x 20	14 x 7/64 x 3/4	5500	21	10	C1S	4354920100	041323
350 x 2,8 x 25,4	14 x 7/64 x 1	5500	21	10	C1S	4354930100	041330
400 x 3,2 x 25,4	16 x 7/64 x 1	4780	24	10	C1S	4404930100	041347
450 x 3,8 x 25,4	18 x 9/64 x 1	4250	27	10	C1S	4454930100	041354
500 x 3,8 x 25,4	20 x 9/64 x 1	3800	30	10	C1S	4504930100	041361
600 x 3,8 x 25,4	24 x 9/64 x 1	3170	36	12	C1S	4604930100	041378

A4 M — superior — Dry cutting / Wall slot cutter ★★★★☆

A powerful, laser welded, specially designed mortar raker disc for the easy removal of mortar residues from wall or screed joints.

Packing unit: 1 pc.

Special diamond blade for screed or plaster, aerated concrete, sandlime stone and bricks.

DIMENSION MM	DIMENSION INCH	SPEED R.P.M.	NUMBER OF SEGMENTS	HEIGHT OF SEGMENTS IN MM	SHAPE	ITEM CODE	BAR CODE 4081600
115 x 6,4 x 22,23	4,5 x 1/4 x 7/8	13280	9	7	C3	4114464100	041385
125 x 6,4 x 22,23	5 x 1/4 x 7/8	12200	10	7	C3	4124464100	041392

Diamond tile drill CeraDrill

The new Dronco CeraDrill drill-bits with vacuum-brazed diamond coating for maximum drilling performance.

They are used where conventional carbide or diamond drills reach their limits. The CeraDrill drill bit has an integrated cooling liquid that is released during the drilling operation.

Water cooling with its inconveniences is no longer necessary. Work efficiently and cleanly with CeraDrill.

- Integrated cooling liquid
- Simple and efficient working
- No water cooling required
- For tiles, stoneware, quarry tiles

CERADRILL DIAMOND TILE DRILL

The drills are supplied with a protective cap. The cap has to be removed before the first use. After completion the cap must be refitted.

For tiles, stoneware and quarry tiles.

DIMENSION DIAMETER X SHANK DIAMETER X LENGTH [MM]	ITEM CODE	BAR CODE 4081600
5 x 12 x 35	4000601100	400809
6 x 12 x 35	4000602100	400816
8 x 12 x 35	4000604100	400830
10 x 12 x 35	4000605100	400847
12 x 12 x 35	4000606100	400854
14 x 12 x 35	4000607100	400861
Drilling aid	4001100100	400939

Packing: 1 pcs in plastic box, including cleaning stick

Only for drilling without hammer! Optimal speed = 1500 rpm.

Operating instructions:

- Remove the protection cap.
- Start the drilling at an incline, then move to horizontal.
- Use the drilling aid for vertical drilling.
- Remove dust.
- Work with rotatory moves.
- A cooling break of 2 minutes is required after every hole.
- Clean the head after every hole with the cleaning stick provided (push dirt and dust inside the drill).
- When you have finished the application, refit the protective cap onto the drill.

Advice:

We recommend a trial drilling in a tile before you make a drilling operation in an already tiled bathroom!

CERADRILL-SET | ALUMINIUM CASE WITH 5 CERADRILL DRILL BITS, DRILLING AID AND CLEANING STICK

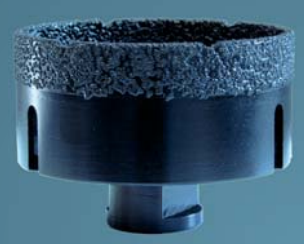
For tiles, stoneware and quarry tiles.

DIMENSION	ITEM CODE	BAR CODE 4081600
Ø 5, 6, 8, 10, 12 mm	4000600100	400496

Diamond dry drill for angle grinders CeraDrill DRY

Diamond dry drill CeraDrill DRY

★★★★



Product similar to photo

Vacuum-brazed, diamond coated special drill for dry drilling of fine stoneware, quarry tiles, ceramic and granite tiles.

The new CeraDrill DRY drills complete our CeraDrill range with diameters available from 20 mm up to 85 mm.

- for use on angle grinders with a M14 adaptor
- no cooling system necessary
- high drilling speed
- maximum lifetime

fine stoneware, quarry tiles, ceramic and granite tiles.

DIAMETER	LENGTH	DRILLING DEPTH	ADAPTOR	SPEED R.P.M.	ITEM CODE	BAR CODE 4081600
20mm	60mm	40mm	M 14	13280	4000610100	401004
27mm	60mm	40mm	M 14	13280	4000611100	401011
35mm	60mm	40mm	M 14	13280	4000612100	401028
40mm	60mm	40mm	M 14	13280	4000613100	401035
45mm	60mm	40mm	M 14	13280	4000614100	401042
50mm	60mm	40mm	M 14	13280	4000615100	401059
60mm	60mm	40mm	M 14	13280	4000616100	401066
65mm	60mm	40mm	M 14	13280	4000617100	401073
70mm	60mm	40mm	M 14	13280	4000618100	401080
75mm	60mm	40mm	M 14	13280	4000619100	401097
80mm	60mm	40mm	M 14	13280	4000620100	401103
85mm	60mm	40mm	M 14	13280	4000621100	401110

Packing: 1 pcs in plastic box, including cleaning stick

Diamond dry drill for angle grinders

available in twelve diameters from 20 up to 85 mm

The correct preparation and use:

max. r.p.m. 11.000

- We recommend the use on an angle grinder for 125 mm discs

Diamond core bits

for dry drilling of wall sockets and distribution boxes.
They provide the ideal means of cutting holes for wall sockets and light switches (68 mm) or distribution boxes (82 mm). (Other diameters available upon request)

BKT EVO Beton — Diamond core bit ★★★★

product similar to photo

Laser-welded core drill with outstanding service life and high efficiency. Suitable for all applications thanks to the innovative bonding of high-quality diamond segments.

Concrete (also lightly reinforced), clinker, brick.

DESCRIPTION	ITEM CODE	BAR CODE 4081600
Core bit Ø 68 mm	4000368100	400137
Core bit Ø 82 mm	4000382100	400236
Centre drill	4000478100	400304
6-point-connection	4000568100	400359
SDS-connection	4000668100	400403
Complete SDS-Set Ø 68 mm	4000268100	400120
Complete SDS-Set Ø 82 mm	4000282100	400229

BKT EVO Abrasiv — Diamond core bit ★★★★

product similar to photo

Very good service life, rapid drilling progress, laser-welded, very hard bonding.

Sand-lime brick, sandstone, grinding stone, masonry.

DESCRIPTION	ITEM CODE	BAR CODE 4081600
Core bit Ø 68 mm	4010010100	400519
Core bit Ø 82 mm	4010050100	400502
Centre drill	4000478100	400304
6-point-connection	4000568100	400359
SDS-connection	4000668100	400403
Complete SDS-Set Ø 68 mm	4000269100	400151
Complete SDS-Set Ø 82 mm	4000283100	400168

Diamond cup grinders

Diamond cup grinders designed for use in conjunction with grinding machines equipped with extraction systems and angle grinders. These discs provide the perfect abrasive solution for stone. The removal capacity and service life have proved themselves in millions of applications in practical use.

Application chart diamond cup grinders

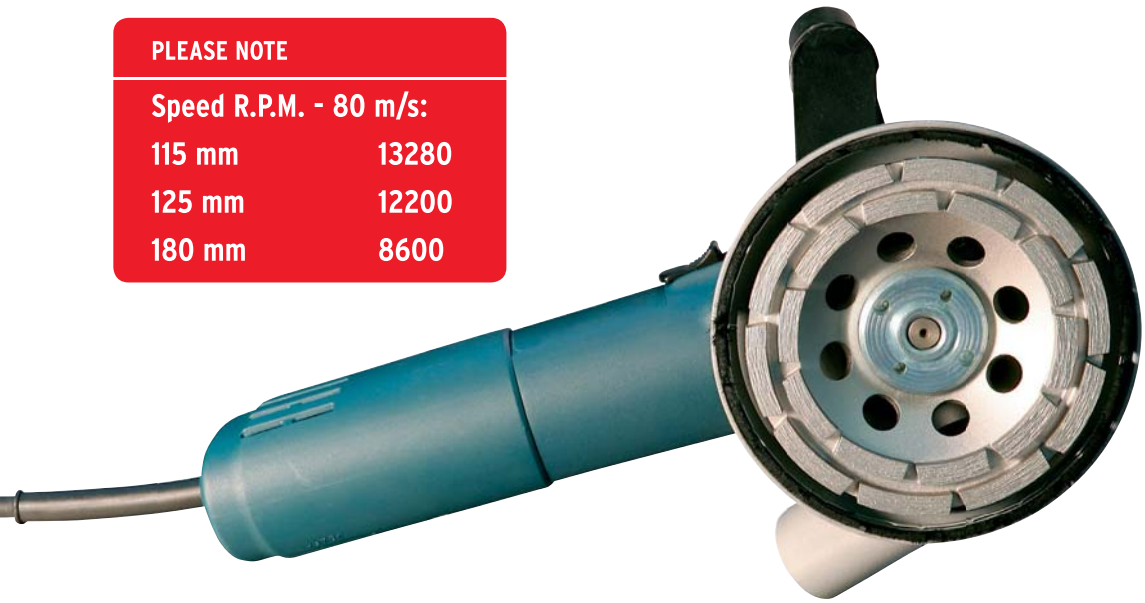
●● very suitable
● suitable
◒ limited suitable

	DST	DST 56	DST 76	DST Turbo	DST Speed	DST BlueSpeed
REMOVAL OF UNEVENNESS ON FLOOR PAVEMENT	●	●	●●	●	●	●
REMOVAL OF ROUGHNESSES ON STONE AND PLASTER FLOORING	●	●●	●	●●	●●	●●
REMOVAL OF CONCRETE RIDGES AFTER THE REMOVAL OF THE FORMWORK	●	●●	●	●●	●●	●●
REMOVAL OF DRIED PLASTER RESIDUES	●	●	●●	●	●	●
BEVELING OF CONCRETE- AND PAVING STONE	●	●	●	●●	●	●
BEVELING OF GAS-AREATED CONCRETE	●	●	●●	●●	●	●
REMOVAL OF THERMOPLASTIC PROTECTIVE COATINGS	●	●	●	●●	●●	●●
REMOVAL OF ADHESIVE REMAINDERS ON CONCRETE SURFACES	●	●	●	●●	●●	●●

PLEASE NOTE

Speed R.P.M. - 80 m/s:

115 mm	13280
125 mm	12200
180 mm	8600



SECURITY ADVICE

When using diamond grinding discs, always make sure that the disc does not protrude from the protection of the machine => risk of injury

PLEASE NOTE

For concrete grinders, our diamond grinding discs DST 56 and DST 76 are also available in 22 mm height on request.

DST — perfect ★★☆☆

Designed to work on stone and plaster flooring, but also suitable for removing concrete ridges and for stone-masonry.
Packing unit: 1 pc.

Ideal for all applications on concrete, natural stone, floor pavement, construction-site materials.

DIMENSION MM	NUMBER OF SEGMENTS	SPEED R.P.M.	ITEM CODE SINGLE ROWED	BAR CODE 4081600
115 x 18 x 22,23	8	13280	4116033100	411027
125 x 18 x 22,23	7	12200	4126033100	421026
180 x 18 x 22,23	14	8600	4186033100	441024

DST 56 — special ★★★☆

Especially suited for grinding on concrete and natural stone. The optional single- or double-row arrangement of segments makes this DRONCO grinding disc ideal for all applications.
Packin unit: 1 pc.

For grinding on concrete and natural stone.

Single rowed

Double rowed

DIMENSION MM	NUMBER OF SEGMENTS	ITEM CODE SINGLE ROWED	BAR CODE 4081600	NUMBER OF SEGMENTS	ITEM CODE DUOBLE ROWED	BAR CODE 4081600
115 x 18 x 22,23	8	4116032100	411010	16	4116037100	411041
125 x 18 x 22,23	7	4126032100	421019	14	4126037100	421040
180 x 18 x 22,23	14			28	4186037100	441048

For concrete grinders, DST 56 is also available in 22 mm height on request.

DST 76 — special ★★★☆

Especially suitable for abrasive materials such as floor pavement, sand-lime stone, plaster, gas concrete, and green concrete. Ideal for all applications due to the optional single- or double-row arrangement of segments.
Packing unit: 1 pc.

For grinding on floor pavement, sand-lime stone, plaster, gas concrete, green concrete.

Single rowed

Double rowed

DIMENSION MM	NUMBER OF SEGMENTS	ITEM CODE SINGLE ROWED	BAR CODE 4081600	NUMBER OF SEGMENTS	ITEM CODE DUOBLE ROWED	BAR CODE 4081600
115 x 18 x 22,23	8			16	4116036100	411034
125 x 18 x 22,23	7	4126031100	421002	14	4126036100	421033
180 x 18 x 22,23	14			28	4186036100	441031

For concrete grinders, DST 76 is also available in 22 mm height on request.

DST TURBO — special ★★★☆

Diamond cup grinder with turbo grinding rim, suited for grinding on concrete and natural stone. High stock removal with low power consumption.
Outstanding lifetime, smoother grinding surface.
Packing unit: 1pc.

For smoother grinding on concrete and natural stone.

DIMENSION MM	NUMBER OF SEGMENTS	SPEED R.P.M.	ITEM CODE SINGLE ROWED	BAR CODE 4081600
115 x 22,23	-	13280	4116041100	411065
125 x 22,23	-	12200	4126041100	420593

DST SPEED — special ★★★★

It's all in the mix: Welded segments with optimal geometry that contain special diamonds in an aggressive bonding. For all applications where fast and extensive stock removal is required.
Packing unit: 1pc.

- **2.5 times higher stock removal***
- **segments with special diamonds with aggressive bonding**
- **removal of thermoplastic protective coatings and adhesive remainders**

* The result: The stock removal in grams per minute will increase by a factor of 2.5 (compared to Dronco DST 56 double row, on concrete C 25).

For concrete, floor pavement and natural stone.

optimised segment geometry

DIMENSION MM	NUMBER OF SEGMENTS	SPEED R.P.M.	ITEM CODE	BAR CODE 4081600
115 x 18 x 22,23	9	13280	4116042100	410488
125 x 18 x 22,23	9	12200	4126042100	420463

DST BLUE SPEED — special ★★★★

The DST Blue Speed offers the highest removal rate within the range of DRONCO cup grinders.
The low weight in combination with the specially designed segments provides a comfortable, user-friendly and effective work.

- **outstanding removal rate**
- **high working comfort**

For highest removal rate and a maximum comfortable grinding of concrete and natural stone, removing glue without glogging.

SPEED ★★★★

DIMENSION MM	NUMBER OF SEGMENTS	SPEED R.P.M.	ITEM CODE	BAR CODE 4081600
115 x 22,23	8	13280	4116064100	412376
125 x 22,23	8	12200	4126064100	422375

DRONCO®

Abrasives from DRONCO offer best quality regarding

- Grinding efficiency
- Grinding finish
- Lifetime
- Safety
- Economy

120 **1-2-3-System**
for hand sanding

124 **1-2-3-4-System**
for car body working

126 **Fibre discs**
for use on angle grinders

128 **Semi-flexible discs**
for use on angle grinders

134 **Economy rolls**
for hand sanding

FLEXIBLE AND SEMI-FLEXIBLE ABRASIVES

DRONCO®

DRONCO 1-2-3-System for manual sanding.
Easy to handle and effective!

COLOUR CODED SHEETS FOR EASY RECOGNITION AS EXAMPLES BELOW:		
1st STEP: PRE-SANDING	2nd STEP: SANDING	3rd STEP: FINISHING
Pre-sanding with grit 80 for coarse grinding such as the removal of chipped paint and varnish as well as rounding of edges and burr removal.	Sanding with grit 120 for grinding works such as rust removal, effective paint removal and sanding of deep scratches and metal processing.	Finishing with grit 220. With this grit, you will obtain the optimum surface for subsequent glazing, painting or oiling of furniture.

DRONCO 1-2-3-System for manual sanding - easy to handle and effective! Ergonomic Mini-Sander

Mini Sander Set 91x27 mm | Dronco 1-2-3 System | Hand sanding

The Mini Sander is an easy-to-handle and effective grinding tool.

Pressure can be applied with the index finger which makes it possible to reach areas which are difficult to access. Very suitable for the restoration of furniture and for refurbishing windows, doors and window shutters.

The DRONCO 1-2-3 Mini Sander Set contains the ergonomic Sander plus 30 sanding sheets in three different grit. The abrasive paper can be used for both wood as well as metal.

Ergonomic Mini Sanding System for wood, metal, plastics, varnished surfaces and many more.

10x K80
10x K120
10x K220

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Mini Sander Set 91 x 27 mm	Set with 30 sheets, assorted	6780200000	684001

Refill pack Mini Sander | Dronco 1-2-3 System | Hand sanding

10x K80
10x K120
10x K220

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Refill pack Mini Sander 91 x 27 mm	30 sheets, assorted	6780210000	684018

DRONCO 1-2-3-System for manual sanding - easy to handle and effective!
Ergonomic Hexagon Sander

Hexagon Sander Set 150 x 75 mm **Dronco 1-2-3 System** **Hand sanding**

With its ergonomic shape, the Hexagon Sander is the perfect tool for all sanding projects. It enables an especially easy-to-handle, smooth and effective sanding of larger surfaces that also reaches into corners, areas which are hard to access or on longer edges. The ideal tool for the restoration of furniture and for various sanding works for example on wood, fibreglass, plasterboard, metal or varnished surfaces.

The DRONCO 1-2-3 Hexagon Sander set contains six abrasive sheets in three different grits. The abrasive sheets can be used on both wood and on metal.

2x K80

2x K120

2x K220

The DRONCO 1-2-3 Hexagon Sander set is also available with 50 abrasive sheets, assorted in three different grits (20 x K80, 20 x K120, 10 x K220)

Ergonomic manual sanding system for wood, metal, plastics, varnished surfaces and many more.

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Hexagon Sander Set 150 x 75 mm	Set with 6 sheets, assorted	6780220000	684032
Hexagon Sander Set 150 x 75 mm	Set with 50 sheets, assorted	6780221000	684070

Refill pack Hexagon Sander **Dronco 1-2-3 System** **Hand sanding**

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Refill pack Hexagon Sander 150 x 75 mm	6 sheets grit 80	6780230000	684049
Refill pack Hexagon Sander 150 x 75 mm	6 sheets grit 120	6780231000	684056
Refill pack Hexagon Sander 150 x 75 mm	6 sheets grit 220	678023200	684063

DRONCO 1-2-3-System for manual sanding - easy to handle and effective!
Sanding Sponge Set

Sanding Sponge Set with Handle **Dronco 1-2-3 System** **Hand sanding**

This handle allows the comfortable use of Sanding Sponges – without having to hold the sanding sponge in your hand.

The Sanding Sponges adjust to the processed surface very well and enable a smooth grinding.

- 1x Coarse Sponge grit 80, suitable for removing varnish and paint
- 2 x Medium Sponges grit 120, suitable for grinding of hard and soft wood, r esidue for plasterboard, fibreglass or metal surfaces
- 1x Fine Sponge grit 220 for the optimum grinding of surfaces before the application of a paint, glazing or varnish coating as well as before the oiling of furniture with teak oil or other liquid wood waxes.

Ergonomic manual sanding system for wood, metal, plastics, fibreglass, varnished surfaces, plasterboard and many more.

1x K80

2x K120

1x K220

The DRONCO 1-2-3 Sanding Sponge set contains the ergonomic Handle plus four Sanding Sponges in three different grits (80, 120, 220). The Sanding Sponges can be used for multiple purposes.

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Sanding Sponge Set	Handle + 4 Sponges, grits assorted	6780290000	684100

DRONCO 1-2-3-4-System for car body works
Mini Car Sander Set

Mini Car Sander Set | **Dronco 1-2-3-4 System** | **Hand sanding**

Designed for refinishing work on car bodies specifically smart repairs and awkward areas. DRONCO mini sanding set comes complete with three different grits of wet and dry paper.

- Step 3:
  Grit 400 for primary flatting of repair area and first primer coats.
- Step 4:
  Grits 1000 to 1500 for de-nibbing and removal of imperfections.
- The 1500 grit can be used for slight scratch removal.

Ergonomic mini sanding system with wet and dry abrasive paper for fine car body and refinishing work, smart repairs and repair in awkward areas.

10x K400

10x K1000

10x K1500

The DRONCO Mini Car Sander Set contains the ergonomic sander plus 30 sanding sheets in three different grits (grit 400, grit 1000, grit 1500).

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Mini Car Sander Set 91 x 27 mm	Set with 30 sheets, assorted	6780201000	684025

DRONCO 1-2-3-4-System for car body works
Oval Car Sander Set

Oval Car Sander Set | **Dronco 1-2-3-4 System** | **Hand sanding**

For sanding and refinishing works on larger surfaces and car bodies. DRONCO offers an oval freehand sander in a set with abrasive sheets in 4 grits :

- Step 1:
  Grit 80 coarse: Removal of rust and damaged paintwork. Sanding of paint layers on wood, metal and plastics.
- Step 2:
  Grit 180 medium : Preparation of the repair area prior to body filler work or first primer coat and removal of imperfections.
- Step 3:
  Grits 80 and 180 for the dry finishing of body fillers.
- Step 4:
  Grits 320 and 400 for the final finish of repair area and for primary sanding.

The Oval car sander set contains the ergonomic sander plus 8 abrasive sheets in four different grits.

Sanding system for car body and refinishing works as well as the sanding of body fillers. Also suitable for use on wood, metal and plastics.

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Oval Car Sander Set 152 x 77 mm	Set with 8 abrasive sheets, assorted	6780240000	684087

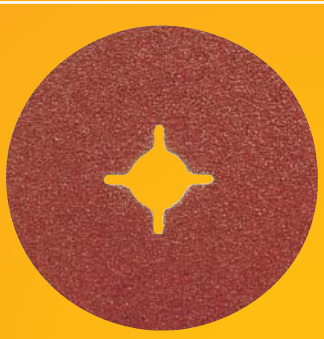
Refill pack Oval Car Sander | **Dronco 1-2-3-4 System** | **Hand sanding**

DESCRIPTION	CONTENT PC.	ITEM CODE	BAR CODE 4081600
Refill pack Oval Car Sander 152 x 77 mm	8 abrasive sheets, assorted	6780250000	684094

Fibre discs for use on angle grinders

Derusting, deburring, removal. DRONCO fibre discs are excellent for all abrasive works. They stand out for their high removal rate and long lifetime. Suitable backing pads round off the program.

Fibre discs | **perfect A** | **Angle grinder**



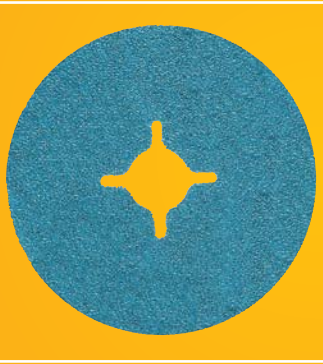
Abrasive disc with normal corundum for machine sanding of metals.
Backing pad necessary!

Metal, cast and wood.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
A 16 Fibre	115 x 22	4 1/2 x 7/8	25	6011000000	601008
A 16 Fibre	125 x 22	5 x 7/8	25	6012000000	602005
A 16 Fibre	180 x 22	7 x 7/8	25	6018000000	604009
A 24 Fibre	115 x 22	4 1/2 x 7/8	25	6011001000	601015
A 24 Fibre	125 x 22	5 x 7/8	25	6012001000	602012
A 24 Fibre	180 x 22	7 x 7/8	25	6018001000	604016
A 36 Fibre	115 x 22	4 1/2 x 7/8	25	6011003000	601039
A 36 Fibre	125 x 22	5 x 7/8	25	6012003000	602036
A 36 Fibre	180 x 22	7 x 7/8	25	6018003000	604030
A 40 Fibre	115 x 22	4 1/2 x 7/8	25	6011004000	601046
A 40 Fibre	125 x 22	5 x 7/8	25	6012004000	602043
A 40 Fibre	180 x 22	7 x 7/8	25	6018004000	604047
A 50 Fibre	115 x 22	4 1/2 x 7/8	25	6011005000	601053
A 50 Fibre	125 x 22	5 x 7/8	25	6012005000	602050
A 60 Fibre	115 x 22	4 1/2 x 7/8	25	6011006000	601060
A 60 Fibre	125 x 22	5 x 7/8	25	6012006000	602067
A 60 Fibre	180 x 22	7 x 7/8	25	6018006000	604061
A 80 Fibre	115 x 22	4 1/2 x 7/8	25	6011007000	601077
A 80 Fibre	125 x 22	5 x 7/8	25	6012007000	602074
A 80 Fibre	180 x 22	7 x 7/8	25	6018007000	604078
A 100 Fibre	115 x 22	4 1/2 x 7/8	25	6011008000	601084
A 100 Fibre	125 x 22	5 x 7/8	25	6012008000	602081
A 100 Fibre	180 x 22	7 x 7/8	25	6018008000	604085
A 120 Fibre	115 x 22	4 1/2 x 7/8	25	6011009000	601091
A 120 Fibre	125 x 22	5 x 7/8	25	6012009000	602098
A 120 Fibre	180 x 22	7 x 7/8	25	6018009000	604092

Backing pads can be found on page 130

Fibre discs — special zirconium — Angle grinder



High performance fibre disc with zirconium corundum distinguishes through a very good lifetime and a high removal rate.

Backing pad necessary!

Stainless steel and mild steel

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
AZ 36 Fiber	125 x 22	5 x 7/8	25	6722333000	674859
AZ 50 Fiber	125 x 22	5 x 7/8	25	6722335000	674866
AZ 60 Fiber	125 x 22	5 x 7/8	25	6722336000	674873
AZ 80 Fiber	125 x 22	5 x 7/8	25	6722337000	674880

Fibre disc AK — evolution ceramic — Angle grinder

Fibre disc with self-sharpening ceramic grain with special active components which endure aggressive stock removal with a high life time.
A backing pad must always be used in conjunction with this product.

- **aggressive stock removal**
- **high service life**
- **self-sharpening**

For surface grinding on chromium steel, chromium-nickel steel, high alloyed steel, titanium alloyed steel, brass and bronze.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
AK 36+ Fibre	115 x 22,23	4 1/2 x 7/8	25	6011814000	601718
AK 36+ Fibre	125 x 22,23	5 x 7 / 8	25	6012814000	602715
AK 60 Fibre	115 x 22,23	4 1/2 x 7/8	25	6011816000	601732
AK 60 Fibre	125 x 22,23	5 x 7 / 8	25	6012816000	602739
AK 80 Fibre	115 x 22,23	4 1/2 x 7/8	25	6011817000	601749
AK 80 Fibre	125 x 22,23	5 x 7 / 8	25	6012817000	602746

Backing pads can be found on page 130

DRONCO®

Semi-flexible discs for use on angle grinders

Because of the special disc build-up of the Semi-flexible discs a higher grade of removal is reached than with fibre discs, however with a coarser finish. They are available with normal corundum and silicon carbide.
Attention: A backing pad is necessary.
Speciality: Description SC 24 is also used for care of hoofs.

Semi-flexible discs | **perfect SIC** | **Angle grinder**

Additive coated disc with silicon carbide.
Backing pad necessary!

Grinding of stone, mild steel and stainless steel, aluminium and plastic, care of hoofs (SC 24).

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
SC 16	115 x 22	4 1/2 x 7/8	5	6121100000	615104
SC 16	125 x 22	5 x 7/8	5	6122100000	615302
SC 16	180 x 22	7 x 7/8	5	6123100000	615500
SC 24	115 x 22	4 1/2 x 7/8	5	6121101000	615111
SC 24	125 x 22	5 x 7/8	5	6122101000	615319
SC 24	180 x 22	7 x 7/8	5	6123101000	615517
SC 36	115 x 22	4 1/2 x 7/8	5	6121103000	615135
SC 36	125 x 22	5 x 7/8	5	6122103000	615333
SC 36	180 x 22	7 x 7/8	5	6123103000	615531
SC 40	115 x 22	4 1/2 x 7/8	5	6121104000	615142
SC 40	125 x 22	5 x 7/8	5	6122104000	615340
SC 40	180 x 22	7 x 7/8	5	6123104000	615548
SC 60	115 x 22	4 1/2 x 7/8	5	6121106000	615166
SC 60	125 x 22	5 x 7/8	5	6122106000	615364
SC 60	180 x 22	7 x 7/8	5	6123106000	615562
SC 80	115 x 22	4 1/2 x 7/8	5	6121107000	615173
SC 80	125 x 22	5 x 7/8	5	6122107000	615371
SC 80	180 x 22	7 x 7/8	5	6123107000	615579

Backing pads can be found on page 130

Backing pads for use on angle grinders

For fibre discs and semi-flexible discs. The backing pad by DRONCO takes care of the proper support on the machine. Best possible working conditions and efficient, fast working are thus guaranteed.

Backing pad — Angle grinder

Safety when using fibre and semi-flexible discs. Good scratch pattern due to damping and flexibility of the backing pad.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
M14 with velcro	115	4 1/2	1	6211205000	621020
M14 with velcro	125	5	1	6212205000	622027
M14 with velcro	180	7	1	6218205000	624021
M10 without velcro	115	4 1/2	1	6211100000	621013
M14 without velcro	115	4 1/2	1	6211105000	621006
M14 without velcro	125	5	1	6212105000	622003
M14 without velcro	180	7	1	6218105000	624007

Backing pad ribbed — Angle grinder

High performance backing pad with radial ribs.
Medium hard rubber for an aggressive material removal.

DESCRIPTION	DIMENSION MM	DIMENSION INCH	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
M14 ribbed	115	4 1/2	1	6211110000	621099
M14 ribbed	125	5	1	6212110000	622096
M14 ribbed	180	7	1	6218110000	624090

Economy rolls for hand sanding

Economy rolls are the ideal professional tool for hand sanding. Applications range from working of wood to grinding of metal. The very flexible cotton cloth can quickly be teared off and is delivered in a practical dispenser. The product is user-friendly and available in different lengths, widths and grit sizes.

Perfect - brown | **Economy rolls** | **Hand sanding**

Very high quality resin bond universal abrasive belt for hand sanding, delivered in a practical dispenser, especially suited for metal and stainless steel. Flexible, lengths easy to tear off cotton cloth.
Can be delivered in two lengths: 25 m, 50 m
Backing material: J-cotton cloth, very flexible
Grit: normal corundum Coating: close Bond: resin bond

Metal, stainless steel

DIMENSION MM	GRIT SIZE	CONTENT PIECES	ITEM CODE	BAR CODE 4081600
50mm x 50m	60	1 roll	6790073000	679731
50mm x 50m	80	1 roll	6790074000	679748
50mm x 50m	120	1 roll	6790075000	679755
50mm x 50m	180	1 roll	6790076000	679762
50mm x 50m	240	1 roll	6790077000	679779

Grinding cups

The high removal rate of these conical abrasives makes them the ideal solution for coarse grinding work.
The maximum operating speed should not exceed 45 m/s.

Examples of possible applications:

- **cleaning of shutter boards**
- **grinding away concrete ridges after the removal of the formwork**
- **coarse grinding work in the metal-working industry**

PLEASE NOTE

Max. R.P.M. 8500 - 50 m/s

Grinding cups metal

Suitable for all angle-grinders. Available in fine, medium, coarse.

Coarse grinding work on metal. The slight angle of the grinding cup also allows to work on welding seams.

DESCRIPTION	STRUCTURE	DIMENSION MM	CONTENT PIECES	ITEM CODE	BARCODE 4081600
AS 16 Q	Coarse	110/90 x 55 x 22,23	1	6311000000	631005
AS 24 Q	Medium	110/90 x 55 x 22,23	1	6311001000	631012
AS 36 Q	Fine	110/90 x 55 x 22,23	1	6311003000	631036

Grinding cups stone

Suitable for all angle-grinders. To grind the surfaces of natural and synthetic stones with a high removal rate. Available in very fine, fine, medium, coarse

Working on all types of stone

DESCRIPTION	STRUCTURE	DIMENSION MM	CONTENT PIECES	ITEM CODE	BARCODE 4081600
CS 16 N	Coarse	110/90 x 55 x 22,23	1	6311010000	631050
CS 24 N	Medium	110/90 x 55 x 22,23	1	6311011000	631029
CS 60 N	Fine	110/90 x 55 x 22,23	1	6311016000	631074
CS 120 N	Very Fine	110/90 x 55 x 22,23	1	6311019000	631081

Available also with M14.

Vitrified wheels

DRONCO have developed vitrified wheels for the use on bench grinders. They are supplied with a bore size of 32mm and an already inserted reducing bush from 32mm down to 20mm.

Vitrified wheels

Grinding wheels designed for specific purposes in various grit sizes.

Metal, stainless steel

DESCRIPTION	STRUCTURE	DIMENSION MM	CONTENT PIECES	ITEM CODE	BARCODE 4081600
NK 24	Coarse	150 x 20 x 32/20	1	6561500000	656039
NK 24	Coarse	175 x 20 x 32/20	1	6561700000	656060
NK 24	Coarse	200 x 20 x 32/20	1	6562000000	656091
NK 60	Medium	175 x 20 x 32/20	1	6561710000	656077
NK 60	Medium	200 x 20 x 32/20	1	6562010000	656114
SIC 80	Fine	150 x 20 x 32/20	1	6561520000	656053
SIC 80	Fine	175 x 20 x 32/20	1	6561720000	656084
SIC 80	Fine	200 x 20 x 32/20	1	6562020000	656107

Promotion box technical brushes with fast moving items

Promotion box for drilling machines

Promotion box „Profi" for angle grinders

PROMOTION BOX CONTAINING TECHNICAL BRUSHES

Technical brushes packed in attractive, self-explanatory promotion box. Available are boxes for the use on drilling machines or type "PROFI" for the use on angle grinders. Mixed contents description as below:

Pure sales success – for product shelves and sales counter, P.O.S.

Content promotion box for drilling machines, 54 pieces

12 x Lend brush PBW 6	Ø 25 x 6,0 x 0,30 mm
6 x Wheel brush RB 6	Ø 100 x 6,0 x 0,30 mm
20 x Wheel brush RB 6	Ø 75 x 6,0 x 0,30 mm
10 x Cup brush TB 6	Ø 50 x 6,0 x 0,30 mm
6 x Cup brush TB 6	Ø 75 x 6,0 x 0,30 mm

Content promotion box PROFI for angle grinders, 36 pieces

5 x Tapered brush KBZ	Ø 100 mm x M14 x 0,5 mm	
5 x Tapered brush KBW	Ø 100 mm x M14 x 0,3 mm	
7 x Wheel brush RBZ	Ø 115 x 22,23 mm x 0,5 mm	
7 x Wheel brush RBZ	Ø 125 x 22,23 mm x 0,5 mm	
6 x Cup brush TBZ	Ø 65 mm x M14 x 0,5 mm	Z= twist-knotted wire
6 x Cup brush TBW	Ø 60 mm x M14 x 0,3 mm	W= crimped wire

DESCRIPTION	ITEM CODE	BAR CODE 4081600
Brush promotion box for Drilling machines	6903017100	707182
Brush promotion box for angle grinders	6903018100	707199

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OSBORN PREMIUM PROGRAMME

2017

FINISH WITH OSBORN.

OSBORN WORLDWIDE

CONVINCING FIGURES

SALES OFFICES IN
23
COUNTRIES

SERVICE IN
120
COUNTRIES

KNOW-HOW FOR MORE THAN
125
YEARS

MORE THAN
2.000
EMPLOYEES WORLDWIDE

SUBSIDIARIES IN
13
COUNTRIES

YOUR FIRST CHOICE
FOR ALL SURFACES

Dear customers,

you can look at it whatever way you want …
On approximately 300 pages our new catalogue presents the range of products for mechanical surface treatment from Osborn and Dronco. No matter if you are looking to cut, grind, sand, clean, brush or polish – we are at your service.

We are Osborn and Dronco. With a combined experience of more than 180 years in surface treatment we do have a solution for nearly everything. And in case we don't have it yet, we develop it together with you.
This is our strength: We already have 10,000 solutions for standard applications on stock. In addition we have developed more than 100,000 tailored solutions for our customers. And we also gladly assist you in finding the right product.

If today you are only an Osborn customer, we invite you to getting to know the other part of us. Just turn the catalogue around and see what Dronco has to offer. And the great thing is: You don't need another customer ident number or an additional contact person. Just speak to your already known contact and order products on you already existing customer account. Give it a try.

We are looking forward to our further cooperation!

Your experts in surface treatment,
Osborn International GmbH

DRONCO®
Because experts set the standard

Find the Dronco products starting at PDF-page 3.

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BEST SERVICE AT ALL LEVELS

1ST MORE SERVICE FROM PRODUCTION TO SALES

Service means just that - serving.

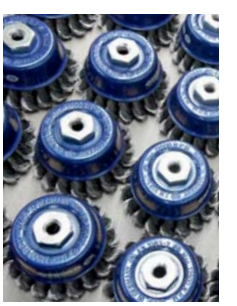
It's not just a matter of dependable ordering, attractive conditions and fast delivery. We have that already, of course. **We offer our customers a 100% service.**

Therfore service at Osborn starts very early on.

Good service starts with a good product.

A good tool just feels right and fits 100% to the machine you are using. That's why we place great value on the ergonomics and handling of our products. Osborn tools are designed to suit all common machines and are also tested thoroughly on them.

Good service for us means developing products that make your work easier.

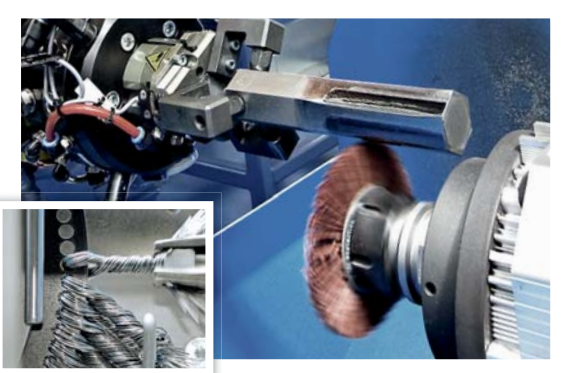


In our R&D lab, we use latest technology to achieve maximum ease of use and safety.

Tailored solutions for you.

We develop products that perfectly suit the needs and demands of our customers. It doesn't matter whether they're from our huge standard range or the result of a customer-specific solution developed jointly with you.

Our aim is to always make the user's work easier.



Our packaging as our best salesman.

A lot of information has to be taken in and considered at the self-service shelf and on the packaging. We favour clear messages, easily understood self-explanatory information. Well designed packages can help customers to find the right product and save consultation time on the dealer's part.

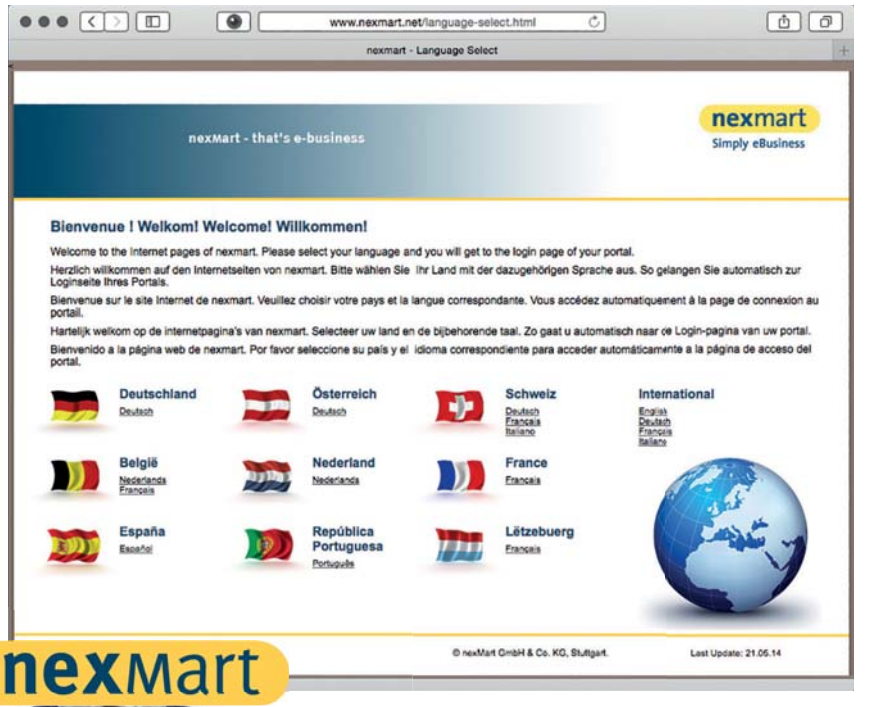
No matter when or where, you can place your order and we see to a timely delivery.

24/7 availability, worldwide.

Quick response and delivery times are a fundamental element of a modern service/customer relationship.

For you as a dealer, this is the basis for a good and profitable business partnership. In addition things must also be easy and reliable.

nexMart offers its dealers the convenience of an online order platform and is available in many European countries for some time now.

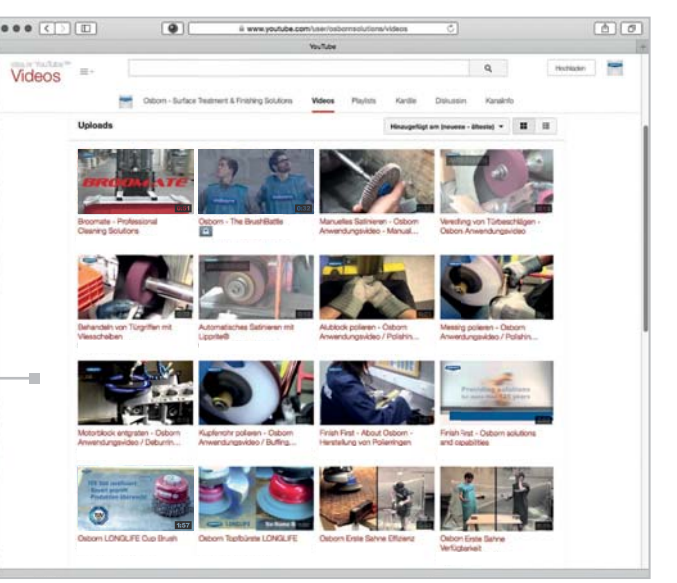


nexMart – easy ordering around the clock.

The nexMart Internet platform is the biggest information source in the industry and allows convenient, digital ordering with full order functionality – whenever and wherever you need it.

"OSBORNSOLUTIONS" @ YOUTUBE

Comprehensive product and application information, tips and suggested solutions for a professional surface treatment – available 24/7 on our YouTube channel.



The official Osborn YouTube channel.

Scan QR-Code or use the following link to get there: youtube.com/osbornsolutions

A QUESTION OF SAFETY

1ST MORE SAFETY THANKS TO TÜV-CERTIFICATION

Work safety – a key issue for users and dealers.

That's why Osborn takes the subject very seriously.
Users and dealers are safe with us because many **Osborn tools are TÜV-certified.**

This means safety is not only perceivable but also measurable.

Safety with a seal. More than 700 Osborn products are TÜV-certified.

Osborn quality is not just a promise but is signed and sealed.
More than 700 of our products have been certified by TÜV-Süd. This makes Osborn products the only ones on the market to meet the highest standards of quality and safety.

Our quality standard: to always have the best tool for every job.

That is why we combine top-quality raw materials, years of experience, high-precision manufacturing methods so our customers can rely on Osborn.

One of more than 700 certified Osborn products.

Osborn: Officially good!

A TÜV-seal means „tested without compromise" and indicates quality at the first glance.

Osborn is the only manufacturer in its sector to obtain this certification.

The package shows that this article is TÜV-certified.

Visible quality.

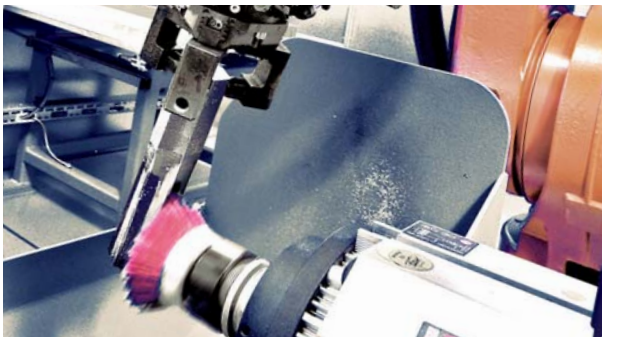
The TÜV-seal on the packaging catches the eye immediately. Clearly visible on the shelf, the seal tells consumers immediately that Osborn quality has gained official confirmation.

Unique tool. Repeated testing.

All products undergo a wide variety of tests for TÜV-Süd certification.

In addition to these checks, all our products are subjected to our own comprehensive tests in order to guarantee the Osborn quality standard.

Our customers benefit time and again from double quality testing which ensures consistently high standards in terms of materials, finish and safety.



Certified quality - compliance with all standards.

In addition to meeting the demands for the TÜV-Süd certification, our products are also manufactured in accordance with EC standards EN 1083-1 and EN 1083-2. We also hold the DIN EN ISO 9001:2015 certification and have implemented into this an energymanagement system according to ISO 50001:2011.

You can find our certificates on our website at:
www.osborn.de/de-de/service/zertifikate.html

YOUR ADVANTAGE
EXKLUSIVELY WITH OSBORN

With its TÜV certification, Osborn promises more than just a quality commitment. Osborn products have proven they perform as promised. Under all conditions.

This clearly makes Osborn the first choice when it comes to superbly manufactured tools of unbeatable quality.

MAXIMUM QUALITY

1ST MORE QUALITY FOR BETTER TOOLS

First class tools – better results and satisfied customers.

As longtime expert in mechanical surface treatment solutions we know, what makes a good tool: High performance, efficiency and safety. Osborn professional tools are the result of this pursuit. One example unifying all these factors is the Osborn LONGLIFE brush with its special filament.

Osborn Tools – First Choice in Quality.

Osborn LONGLIFE – Performance Champion.

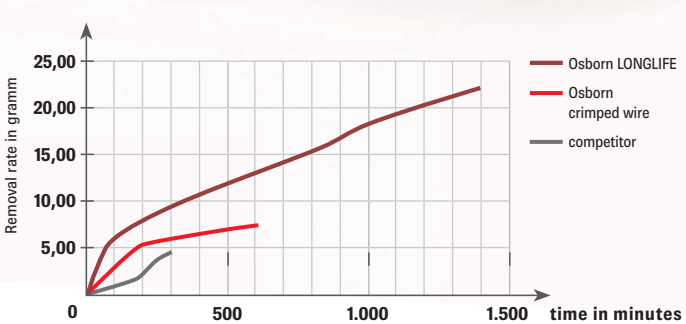
- Min. 5-times less wire breakage and wear
- Material friendly and non-stock removing
- Available in Ø 60, 75, 80, 100 mm

Best of both worlds.

Extremly long lasting cup brush with LONGLIFE-fi laments for a fi ne, satinised surface fi nish. Ideal for descaling and cleaning of larger surfaces.

High performance of a knotted brush yet as material friendly as a crimped wire brush.

Removal rate



Testresult Osborn LONGLIFE

LONGLIFE in detail:

QUALITY & PEROFRMANCE TESTS: TEST-ROBOT

Test robot in our R&D lab in Burgwald

YouTube

The test robot at work.

The QR code will take you directly to the film clip or use the address below to visit our YouTube channel.

Watch the video on YouTube:

YouTube.com/osbornsolutions

Accurate testing without compromise.

At Osborn, we use a state-of-the-art industrial robot to determine the performance of our products. The robot delivers accurate results and makes it possible to carry out a wide range of quality assurance checks, all under the same conditions.

As well as providing pure performance data, the robot helps us through continuous monitoring to guarantee a consistent quality standard. Complex processes are easily replicated using realistic simulations to optimise the tool.

Our Qualitylines

All our products are manufactured with greatest care in order to meet your demands and requirements in the best way.

For your orientation, we have especially categorized the machinebrushes for angle grinder, power drill and high-speed as well as the handbrushes into three productlines: From solid DIY-quality to high-end products for demanding industrial applications. Just look out for the productline being mentioned directly next to the product image.

PERFECT Products in solid DIY-quality.

SPECIAL High-performance products in industrial quality. Nearly the whole range is TÜV-Süd certified.

EVOLUTION High-end products with highest quality materials for demanding industrial applications and long service-life.

Info on qualityline directly with the product image

Pos
Solutions for specialized trade

FASTER 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 and other products. Clearly displayed on our POS materials are the four, selfexplanatory steps you need to obtain expert advice.

2. Quick info on trim materials:

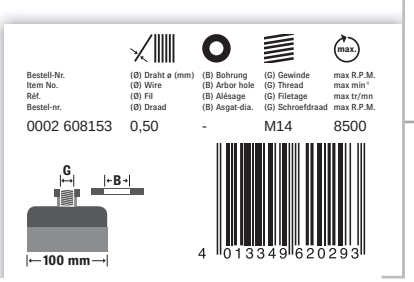
Here, colours and text provide users with key information on the trim material. The colours also appear in the catalogue to help with material selection.

1. Easy selection:

Icons on the packaging tell you which machine to be used. Angle grinders, power drills, or high-speed drill – this question is quickly answered.

3. Detailed info on the product:

The details about the product provide information on wire, bore/thread, rounds per minute, etc.



Bestell-Nr. / Item No. / Réf. / Bestel-nr.	(Ø) Draht ø (mm) / (Ø) Wire / (Ø) Fil / (Ø) Draad	(B) Bohrung / (B) Arbor hole / (B) Alésage / (B) Aasgat-dia.	(G) Gewinde / (G) Thread / (G) Filetage / (G) Schroefdraad	max R.P.M. / max min⁻¹ / max tr/mn / max R.P.M.
0002 608153	0,50	-	M14	8500

4. TÜV-Safety

TÜV-Süd seal on the package means: This article is certified.

SCAN INFORM DECIDE

Inform online – decide at the shelf.

Osborn links the shelf to the Internet. Customers have the option of loading additional details and product information directly onto their Smartphone, using the QR codes on our packaging. It is so easy to clear up questions about our products right there at the shelf.

The QR codes are located on our individual packaging, on loose products in boxes and on the display card.

Code on the packaging and the web at the POS.

1. **QR-Code on shaft-tags.**

2. **QR-Code on packaging.**

3. **QR-Code on display cards.**

YOUR OSBORN-ADVANTAGE

Efficient advice

The QR-code can be a great source of advice as it allows the sales-person to access videos, pictures and information on the selected product quickly at the POS.

Pos
Solutions for specialized trade

INTELLIGENTLY PACKAGED & PRESENTED

Osborn products come in different kinds of packaging, with each version explaining and promoting the product to the full.

1. Box / individual packaging

2. Display card

Users can immediately see which machine is to be used with the brush.

3. Shaft-tag in assortment box

Shaft-tags provide basic information like EAN code. The header board of the box can be used front and backside (for wood or metal brushes). The box can be used length or crossways.

4. Flexibility

Presenting the products professionally: With the help of our packaging, you can compile your individual sales walls.

Contact us for more details.

(Pictures show a sample configuration)

Product overview
Find your tool quickly

BRUSHES 14

Osborn brushes –
first class tools for every application

Brushes for angle grinders
Cleaning, non-stock removing and efficient

Brushes for power drills
For power drills of all makes

Brushes for high-speed drills
Ideal tools for high-speed machines

Finishing Drums for Satinisers
Drums for the perfect surface pattern

HAND BRUSHES 73

Osborn hand brushes, brooms and paint brushes –
ideal for all manual jobs

Basic deburring, cleaning, descaling and paint stripping

POLISHING / SATINISING 87

Osborn surface technology –
for the perfect finish

Your wide rang of polishing tools

BRUSHTECHNOLOGY INDUSTRIAL 107

Osborn Industrial –
high performance for all industrial applications

Ideal solutions for your manufacturing process

HEAVY-DUTY IDLER-ROLLERS 139

Osborn Load Runners –
precise load control

Idler Rollers and rails for heavy duty applications

SPECIALS 141

Osborn Specials –
versatile all-rounders

Strip brushes in many different configurations

INDEX 149

PRODUCT INTRODUCTION BRUSHES

Osborn brushes – first-class, brand-name tools for every application.

There are any number of tasks and applications for a brush. But it is not just the job that determines which brush to use.
The tool used and the surface to be finished are equally important.
To ensure you always have the best brush in each case, you should entrust your surfaces to a brand-name brush.
This is the only way to guarantee that everything from trim material to brush shape is correct.

Overview of the most common machine brushes:

Wheel brushes

Finishing of solid or hollow rods, profiles, welded seams, cut edges, gears, grooves, narrow areas.

Cup brushes

Efficient finishing of large areas, welding seams and metal plates.

End brushes

Accurate finishing of inaccessible places

Ideal tool for finishing corners, edges or inaccessible places, as well as surface cleaning.

Bevel brushes

Can be used without problems in drills because of the light plastic body.

Flap wheel brushes

Hand brushes, brooms and bristles

For universal use.

Tube & internal brushes

Ideal for finishing drill holes, threads or cross holes (internal finishing chapter).

THE OSBORN-ADVANTAGE

Osborn has the right brush for every application.

As a professional partner to trade and industry, Osborn sells high-performance tools suitable for all applications throughout the world. You can rely on Osborn's many years of experience and skill.

Trim materials: the right material for every application

For our products, we only use trim materials that we have developed ourselves or which have been specifically selected. Constant laboratory tests ensure high material quality. Your Osborn tool is always perfectly suited to a certain type of brushing work. Our technical sales department will be pleased to advise you on the ideal trim material for your given application.

Steel wire, crimped

- Most common trim materials
- For flexible brushing tools
- Suitable for light surface treatment and deburring operations

Steel wire, cordwire (Longlife)

- Cordwire with high tensile strength
- Extremely long-lasting
- Combined advantages of crimped and knotted wire
- For light derusting operations

Steel wire, straight or knotted

- For extreme brushing requirements
- For brushing tools with less flexibility
- Ideal for cleaning weld seams and removing heavy deposits of scale or corrosion

Osborn special steel wire, crimped or knotted

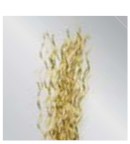
- Heavy duty steel wire with high tensile strength
- High elongation and long brush life
- For extreme brushing demands

Stainless steel wire, crimped, straight or knotted

- Most commonly used alloys: 1.4310 and 1.4401 (1.4571 available on request)
- For use where residue from normal steel wire would contaminate surfaces.

Brass wire

- Surface finishing on non-ferrous materials (copper and brass)

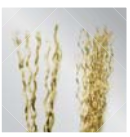


Brass-coated steel wire, mono wire

- Single wires
- High tensile strength
- For demanding brushing and deburring operations

Novoflex-B

- Abrasive spheres on a flexible structure
- Self-centring
- Creation of surfaces with a high contact ratio (plateau finish)



Brass-coated steel wire, cordwire

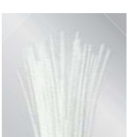
- Cordwire with high tensile strength
- For demanding brushing and deburring operations, as well as for structuring wood

Tampico fibre

- Pure plant fibre
- For wet and dry cleaning operations
- Heat-resistant
- In combination with compound also suitable for polishing

Horse hair

- Animal hair
- For light cleaning operations
- Suitable for sealing



Synthetic filaments

- Highly flexible
- Resistant to weak acids and alkaline solutions
- Wear resistant

Abrasive filament, aluminium oxide

- Nylon filaments impregnated with abrasive grit
- Light deburring of steel and non-ferrous metals

Abrasive filament, silicon carbide

- Nylon filaments impregnated with silicon carbide
- Uniform performance as new abrasive particles come to the surface
- High elasticity with no danger of breakage
- Long brush life
- For deburring/descaling, roughening and grinding

Novofil

- High-performance, high-tech material
- Flat or round filaments
- Broad range of materials, different degrees of hardness
- For deburring and internal finishing

Please also note our different qualitylines for products.
You will find the definition in our chapter BRUSHES directly with the product image.

PERFECT Products in solid DIY-quality.

SPECIAL High-performance products in industrial quality. Nearly the whole range is TÜV-Süd certified.

EVOLUTION High-end products with highest quality materials for demanding industrial applications and long service-life.

Brush trim and material suitability

The trim material determines the suitability of the selected brush for the surface to be finished.

A quick overview of the suitability of your brush can be found in the trim and material charts in the info headings on the product pages.

TRIM AND MATERIAL
Simple equation: the right trim for the material being finished.

Product available with:	Steel	Cast iron	Stainless steel	Non-ferrous metal	Aluminium	Softwood	Hardwood
steel wire, crimped	■	■				■	■
steel wire, stainless			■	■	■		
brass wire				■		■	

Brushes
Introduction & technical information

Easy identification of the best trim material.

The correct choice of trim material is very important in obtaining the best surface finish, because the desired result will only be achieved by correctly matching the trim to the surface material being finished. The illustration below clearly explains the relationships involved in each stage of the process.

E.g.: **Paint removal** from **blank, homogeneous aluminium surfaces** by selection of **crimped, stainless steel wire**

	Surface	Desired result	Recommended trim material and its features
Rust/paint removal	• Non-ferrous metals & aluminium	• Blank, homogeneous surface • To remove severe contamination • To remove dirt incrustations	• Stainless steel wire, crimped (flexible) • Stainless steel wire, knotted (aggressive) • Stainless steel wire, flat (aggressive)
	• Stainless steels	• Blank, homogeneous surface • To remove severe contamination • To remove dirt incrustations	• Steel wire, crimped (flexible) • Steel wire, knotted (aggressive) • Steel wire, flat (aggressive)
Deburring, edge rounding	• Non-ferrous metals & steel	• Edge rounding, small radius	• Abrasive filament brush (flexible)
	• Non-ferrous metals & aluminium	• Medium – aggressive deburring	• Stainless steel wire (flexible)
	• Stainless steels	• Medium – aggressive deburring	• Steel wire, crimped (flexible)
Cleaning weld seams	• Non-ferrous metals & aluminium	• No material removal from welded seam	• Stainless steel wire, knotted (aggressive)
	• Stainless steels	• No material removal from welded seam	• Steel wire, knotted (aggressive)
	• Aluminium surfaces	• Removal of welding residues & oxide coatings without material removal	• Stainless steel wire, crimped (flexible)
Roughening, smoothing	• All materials	• Light surface roughening	• Abrasive filament brush, coarse grit 40–120 (flexible)
	• All materials	• Blending surfaces	• Abrasive filament brush, fine 120–320 (flexible)
	• Stainless steels, INOX, aluminium	• Blending surfaces	• Stainless steel wire, crimped, wire < 0.30 mm (flexible)
	• Brass, bronze, copper	• Blending surfaces	• Brass wires (flexible)
Sweeping, dedusting	• Wood	• Dust removal	• Fibre (flexibel)
	• All materials	• Sealing, stripping	• Horse hair (flexible)
	• All materials	• Cleaning	• Nylon, wire, natural bristle (flexible)
Wood graining	• Wood	• Wood graining	• Steel wire with brass coating (hard)
	• Wood	• Removing raised wood fibres	• Abrasive filament brush (hard)
	• Wood	• Blending/following contours	• Abrasive filament brush (fine)

TECHNICAL INFORMATION

Safe and operating speeds

The workplace safety regulations require the maximum safe speed to be observed. Details can be found in the product overview in this catalogue, on the packaging and on the brush itself (see fig.).
The definition of operating speed is based on the peripheral speed and brush diameter.
The ideal operating speed is generally significantly lower than the safe speed.

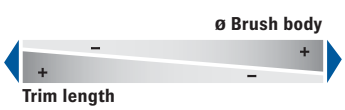
Operating and clamping width of the brush

The **operating width** describes the contact surface between brush and workpiece.
Press the trim together slightly to measure the operating width.
The **clamping width** is measured between the washers (see fig. left).
Contact us for more information on the clamping width.

Brush diameter and trim length

The relationship between the diameter of the brush (brush body) and the length of the trim determines how the brush operates. Generally speaking:

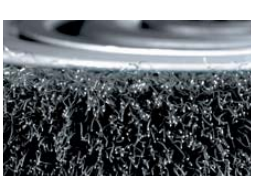
Soft, flexible brushes,
e.g. for finishing structured workpieces or surface cleaning.



More aggressive brushing,
e.g. for deburring or removing impurities.

Ideal position of brush in relation to workpiece

The contract pressure of a brush is defined by factors such as its insertion depth in the workpiece.
Our recommendation is 3 times the filament diameter, e.g. 1.0 mm insertion depth for a wire thickness of 0.35 mm.
The ideal position also ensures less wear.
Our application engineers will be glad to advise.



Brush trim density

The trim density is determined by the number of wire tips per surface unit.
High trim densities are best for cutting performance and service life (e.g. deburring).
Lower trim densities increase brush flexibility and are required for finishing intricately shaped surfaces.

ANY QUESTIONS? We will be glad to help: service@osborn.de

Important safety instructions

For **efficient and safe use,** always choose the maximum possible brush diameter that can be fitted to the grinder.

As mentioned in the section on operating speeds, the brush diameter defines the **peripheral speed.** It can also affect brush performance.

The table below provides a summary.

rpm^{-1}	Brush diameter 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								

Installation instructions

Please read before fitting the brush.

- The speed of the drive shaft on your machine should not exceed the maximum safe speed of the brush.
- The length of the shaft should be sufficient to ensure a firm fit in the chuck.
- Brushes with a clamping shank can be installed without problems in standard drill chucks or collets.
- The connecting threads on the brushes have flats for simple installation and removal.

Safe peripheral speeds:

Guide values for safe peripheral speeds are, for example, 30-35 m/sec. for brushes with crimped wire, and 18-22 m/sec. for brushes with abrasive filaments and synthetic compound trim materials.

Brushes with knotted wire should be used in angle grinders at max. 85 m/sec., and stationary machines at max. 45 m/sec.

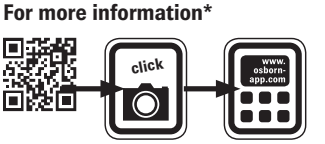
Important:
Hand tools should only be fitted with brushes up to a max. OD of 180 mm.

General safety instructions

Wear protective clothing to protect yourself from injury.

More safety instructions and examples of usage can also be found on the Internet.

For more information*



* Network charges apply for the use of mobile websites.

www.osborn-app.com

GENERAL INFORMATION 20
WHEEL BRUSHES 23
CUP BRUSHES 27
BEVEL BRUSHES 33
BRUSHES FOR CORDLESS POWER TOOLS 36

Important user information

Brushes for angle grinders

To be noted when selecting brushes and using angle grinders:

1. Typical brush types for angle grinders

Wheel brushes

Available with knotted and crimped wire as well as abrasive filaments.

Cup brushes

Available with knotted and crimped wire, as well as abrasive filaments.

Please note:

When deciding on a suitable diameter for a cup brush, do not forget that it will spread out during operation.
The key factor in determining the maximum possible brush diameter is therefore the size of the safety guard.

Bevel brushes

Available with knotted and crimped wire.

2. Determining the operating speed

The maximum operating speed of a brush depends on its diameter. As in the case of a bicycle wheel, the larger it is the fewer turns are needed to cover a particular distance.

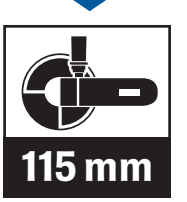
The most common speeds are colour-coded to clearly show the differences and for ease of identification:

Diameter:	Ø 115 mm (4 ½″)	Ø 125 mm (5″)	Ø 150 mm (6″)	Ø 180 mm (7″)	Ø 230 mm (9″)
Operating speed:	12.500 rpm	11.000 rpm	8.500 rpm	8.500 rpm	6.500 rpm

3. Which brush for which angle grinder?

Brush type & trim	Ø Brush											
	60	65	75	80	90	100	115	120	125	150	178	230
Wheel brush, knotted						115	115		125	150	180	230
Wheel brush, crimped						115	115					
Bevel brush, knotted						115	115		125			
Bevel brush, crimped						115	115					
Cup brush, knotted		115	125	150		180		230				
Cup brush, crimped	115		125	150		150 / 180			230	230		
Cup brush, abrasive						150*						

* adjustable



The machine information on the packaging

The machine icon on all Osborn packaging will also show the maximum permitted machine size.

PRODUCT FINDER
WELD SEAM CLEANING

Impurities or non-metallic inclusions can occur on the surface of the weld, depending on the welding procedure. Non-metallic inclusions do not adhere to the surface to the extent of the other materials in the weld. If a coating is later applied to the welded part, faults in the coating and corrosion can occur in the area of the inclusions.

The QR code will take you directly to the special page for welding with an easy to use online product finder.

Osborn can provide the appropriate cleaning tool for any welding procedure and type of seam to be finished (root, filler or cover). Brushes are the ideal solution because they do not grind the material, unlike commonly used grinding wheels.
Our weld matrix will help you select the right product for your application.

The most common contamination occurring during welding (in order of technique):

MMA		TIG/MIG/MAG	PLASMA
Slag Residues that occur as the electrodes wear.	**Spatter** Grinding wheels remove this residue.	**Silicates** Silicates occur when silicon – present in most steel alloys – burns during the welding process and change to SiO2.	**Blue Colour** Oxide deposits that form mainly when welding stainless steel.

Root/ Hot pass	~ 0,50/0,80 mm 4 - 6 mm Plastic-bonded, knotted wire	4 mm Grinding wheel	~ 0,30 - 0,50 mm 4 mm Plastic-bonded, crimped wire	~ 0,15 - 0,35 mm 4-6 mm Steel/stainless steel
Fill layer	~ 0,50/0,80 mm 6 - 13 mm Knotted wire	6 - 8 mm Grinding wheel	~ 0,30 - 0,50 mm 13 mm Knotted wire	~ 0,15 - 0,35 mm 13 mm Steel/stainless steel
Cap layer	~ 0,50/0,80 mm 13 mm Knotted wire	Grit 40 - 60 Flap grinding wheel	~ 0,30 - 0,50 mm 6 - 13 mm Knotted wire	~ 0,15 - 0,35 mm 6 - 13 mm Steel/stainless steel
Surface	~ 0,50/0,80 mm 13 mm Knotted wire	Grit 40 - 60 Flap grinding wheel	~ 0,30 - 0,50 mm 13 mm Knotted wire	~ 0,15 - 0,35 mm 13 mm Steel/stainless steel

Wall thickness		Round brush Ø
10 mm	-	100 / 115 mm
15 mm	-	115 / 125 mm
20 mm	-	150 mm
25 mm	-	180 mm
30 mm	-	180 mm
35 mm	-	230 mm

You can download a PDF containing a detailed matrix or use the online product finder.
Just scan the QR code at the top or enter **http://weldcleaning.osborn.com.**

Brushes
Angle grinder

Important information

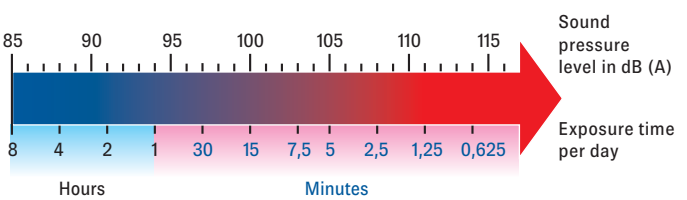
Material care

Wire brushes are not cutting tools. They remove residues such as slag, silicates and bluing but leave the original surface structure untouched.
That saves time and money!

Flying sparks

Flying sparks are a safety risk in confined spaces such as pipeline installation sites, especially if several people are working together.
Brushes generate 95 % less sparks than grinding wheels.

Noise level

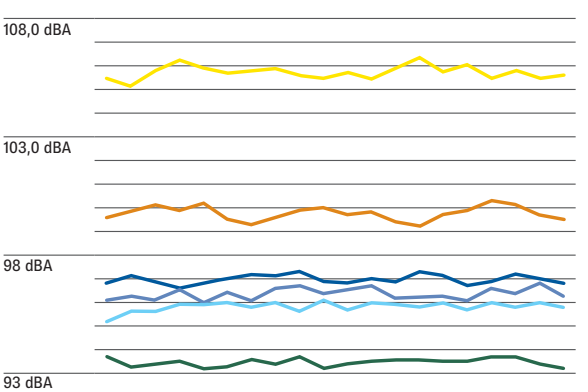


Sound pressure level and daily exposure times for maintaining a daily noise exposure level (Lex), 8 h of 85 dB(A) - upper value

Noise

Studies have shown that the noise level in the metal-working industry is one of the highest compared with other sectors. EU directives specify an average noise level of 85 dB (A) per day. Noise is one of the best known causes of illness.

Noise comparison



- **Cup brush, 60 mm, M14 steel wire, crimped 0.30**
- **Disc centre 115 x 12 knotted steel wire 0.50**
- **Disc centre 115 x 6 knotted steel wire 0.50**
- **Grinding wheels 125 x 6 x 22,23**
- **Abrasive mop wheel 125 x 22,23 K 80**
- **Metabo WE14-125 grinder without tool**

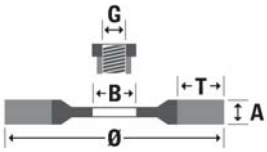
This diagram shows that wire brushes are an average 6–8 dB (A) quieter than grinding tools. This is a significant reduction and a contribution to occupational safety because a variation of just +/– 3 dB (A) is the equivalent of doubling/halving the noise level.

Wheel Brushes

knotted wire

SPECIAL

Wheel brushes for easy installation on angle grinders; for deburring and cleaning weld seams. Industrial grade.



115-230

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm								0,35	RRP	0,50	RRP	0,80	RRP
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	13			20000	12	0002-611 131		0002-611 151			
100	12	20	22,2		F	12500	8	0002-621 131		**0002-621 151**			
115	12	23	22,2		F	12500	10	**0002-631 131**		**0002-631 151**			
115	12	23		M14x2,0		12500	6	**0402-631 131**		**0402-631 151**			
115	6	19	22,2		F	12500	10	**9502-626 301**		**9502-626 501**			
125	13	28	22,2		F	12500	8	**6152-631 131**		**2202-631 151**			
125	13	28		M14x2,0		12500	8	1402-631 131		**1402-631 151**			
125	6	24	22,2		F	12500	8	9502-626 311		**9502-626 251**			
150	13	37	22,2		F	12000	5	**0002-641 131**		**0002-641 151**		**0002-641 181**	
178	13	42	22,2		F	10000	6	**0002-653 131**		**0002-653 151**		**0002-653 181**	
178	6	38	22,2		F	12000	12	4602-626 131					
230	6	57	22,2		F	6500	1			4306-026 904			
230	13	58	22,2		F	8500	1			9502-664 151			

mm								0,35	RRP	0,50	RRP	0,50 1.4401	RRP
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	12	20	22,2		F	12500	4			0002-621 351			
115	12	23	22,2		F	12500	4	**0002-631 331**		**0002-631 351**			
115	12	23	22,2		F	12500	4					4902-631 351 *	
115	12	23		M14x2,0		12500	4	0402-631 331		**0402-631 351**			
125	6	24	22,2		F	12000	3	4602-626 331		**9502-626 651**		4902-626 651 *	
125	13	28	22,2		F	12500	3	**2202-631 331**		**2202-631 351**			
125	13	28	22,2		F	12500	3					4912-631 351 *	
125	13	28		M14x2,0		12500	3	1402-631 331		1402-631 351			
150	13	37	22,2		F	12000	3			**0002-641 351**			
178	13	42	22,2		F	10000	3			**0002-653 351**			
178	13	42	22,2		F	10000	3					4902-653 351 *	
178	6	38	22,2		F	12000	12	4612-626 331					

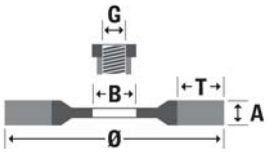
* TÜV-Certification planned.

Wheel Brushes

knotted wire

PERFECT

Wheel brushes for easy installation on angle grinders; for deburring and cleaning weld seams. Do-it-yourself version.



115-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

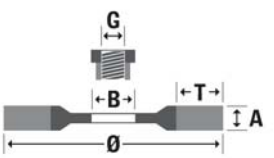
mm								0,35	RRP
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€
115	10	20	22,2			12500	10	**2008-631 151**	
125	12	27	22,2			12500	8	**2118-631 151**	

Brushes
Angle grinder

Wheel Brushes
knotted Osborn wire

EVOLUTION

Wheel brushes for easy installation on angle grinders; for deburring and cleaning weld seams. Special knotting and hardened wire for industrial applications and long service life.



115-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	■	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

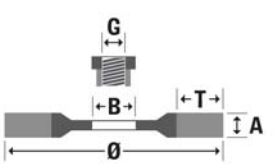
mm								Osborn 0,35	RRP	Osborn 0,50	RRP		
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	13	17	1/2"		F	20000	12	**9906-026 011**		9906-026 012			
100	13	22	5/8"		F	18000	12	9906-026 116		**9906-026 117**			
100	13	22	7/8"		F	18000	12	9906-026 280		9906-026 281			
115	6	19	7/8"		F	12500	12			**2906-026 501**			
115	6	19		M14x2,0		12500	12	0002-626 305		0002-626 505			
125	6	24	7/8"		F	12500	12	0002-626 311		**0002-626 251**			

mm								Osborn 0,50	RRP				
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	6	19	7/8"		F	12500	12	**0002-626 650**					
125	6	24	7/8"		F	12500	12	0002-626 651					

Wheel Brushes
knotted Osborn wire

EVOLUTION

Wheel brushes for easy installation on angle grinders; for deburring and cleaning weld seams. Special knotting and hardened wire for industrial applications and long service life.



115-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	■	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

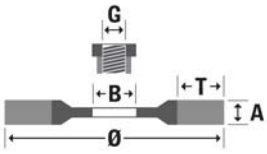
mm								Osborn 0,35	RRP	Osborn 0,50	RRP		
Ø	A	T	B	G	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	6	38	7/8"		F	12000	12			**9906-026 501**			
150	25	38	7/8"		F	12000	12	9906-026 247					
150	6	38		M14x2,0		12000	10			9906-026 500			
150	13	38	7/8"		F	12000	12	9906-026 248					
165	6	29	7/8"		F		12			**0002-626 061**			
171	6	29	7/8"		F	12000	12			**9706-026 904**			
178	6	38	22,2		F	12000	12			**9906-026 051**			
178	6	38		M14x2,0		12000	10			9906-026 053			

Wheel Brushes

knotted wire

EVOLUTION

Brushes with special clockwise/anticlockwise knotting for smooth, vibrationfree use.



115-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

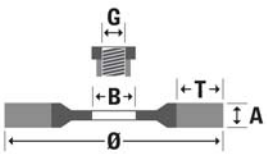
mm						0,35	RRP	0,50	RRP		
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	12	23	22,2	12500	10	1202-631 131		1202-631 151			
125	13	28	22,2	12500	8	1212-631 131		1212-631 151			
178	13	42	22,2	12500	6	1202-653 131		1202-653 151			

Wheel Brushes

knotted Osborn wire plasticbonded

EVOLUTION

Non-deforming brushes to remove slag and silicates. Suitable for root and filler welds. Recommended for MMA/manually welded joints with heavier deposits.



125-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:

	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

mm							Osborn 0,50	RRP	Osborn 0,50 *	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	6	19	22,2		12000	10	**5402-921 873**					
125	6	24	22,2		8500	1	**9802-921 873**		9812-921 873			
178	6	38	22,2		8500	1	9802-921 875		9812-921 875			

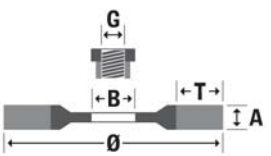
* pointed model. Other articles regular.

Brushes
Angle grinder

Wheel Brushes
crimped wire plasticbonded

EVOLUTION

Non-deforming brushes to remove silicate and welding residues. Recommended for joints welded using TIG/MIG/MAG. Slim type for narrow seams.



150-180

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

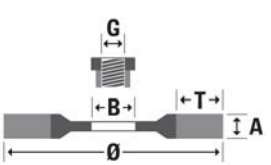
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■				■	■

mm							0,38 RRP					
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	5	27		M14x2,0	12000	6	5402-921 051					
125	6	27		M14x2,0	12000	1	4102-921 051					
150	5	29	22,2		8500	12	**0002-921 874**					
178	5	41	22,2	M14x2,0	8500	10	0002-921 876					
178	5	41	22,2		8500	12	**0002-921 875**					
178	5	41	22,2	5/8"	8500	10	0002-921 889					
178	3	41	22,2		8000	1	7702-921 875					

Wheel Brushes
crimped wire

SPECIAL

Suitable for an antique finish on wood and light cleaning work on metal surfaces.



115

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■				■	■

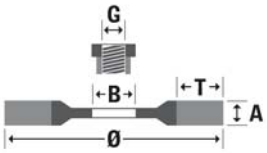
mm						0,27 cordwire RRP					
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
115	12	28	M14x2,0	12500	6	**2812-522 051**					

Wheel Brushes

abrasive filament

SPECIAL

Brushes for structuring wood.
Recommended for angle polishers and angle grinders with adjustable-speed.



150-180

USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle						■	■

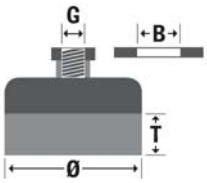
mm						Novofil 46	RRP	Novofil 60	RRP	Novofil 80	RRP
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
140	55	30	M14	4500	6	**5421-401 913**		**5411-401 913**		**5401-401 913**	

Cup Brushes

knotted wire

SPECIAL

High performance cup brushes for surface finishing. High cleaning action from knotted wire.



115-125

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm						0,35	RRP	0,50	RRP		
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	20	16		12500	10	1602-608 131		1602-608 151			
65	20		M10x1,25	12500	10	2352-608 131		2352-608 151			
65	20		M10x1,5	12500	10	0102-608 131		**0102-608 151**			
65	20		M14x2,0	12500	10	**0002-608 131**		**0002-608 151**			
65	30		M14x2,0	12500	10	**3892-608 131** **					

** extra long trim

mm						0,35	RRP	0,50	RRP	0,50 1.4401	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	20	16		12500	6	1602-608 331					
65	20		M10x1,25	12500	6	2352-608 331		2352-608 351			
65	20		M10x1,5	12500	6	0102-608 331		0102-608 351			
65	20		M14x2,0	12500	6	**0002-608 331**		**0002-608 351**		**0442-608 351** *	

* TÜV-Certification planned.

Brushes
Angle grinder

Cup Brushes
knotted wire

SPECIAL

High performance cup brushes for surface finishing. High cleaning action from knotted wire. Trim is prevented from splaying by removable support rings. Once the trim is worn, support rings can be removed, so that brush can be fully used.

125

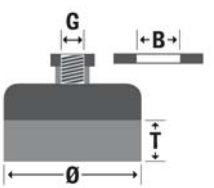
USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

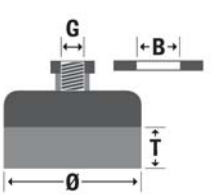
mm					0,35	RRP	0,50	RRP		
Ø	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	20	M14x2,0	11000	10	**9908-608 132**		**9908-608 152**			
75	20	5/8 Zoll	11000	10	9918-608 132		9918-608 152			



Cup Brushes
knotted wire

EVOLUTION

Cup brushes hardened wire for long service life. Recommended for cleaning cover welds and surfaces in the oil and gas industry. Industrial version.



115-150

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

mm						Osborn 0,50	RRP	Osborn 0,80	RRP		
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
90	32	65	M14x2,0	7500	6	**9906-033 125**					
90	32	65	5/8"	7500	6	9906-033 126					
150	45	45	M14x2,0	6000	1	9906-033 016					
150	45	70	M14x2,0	6000	1			9906-033 022			
150	45	70	5/8"	6000	1			9906-033 021			
150	45	75	M14x2,0	6000	1	9906-033 031 *					
150	45	75	5/8"	6000	1	9906-033 030 *					

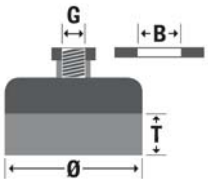
* two-rowed

Cup Brushes

knotted wire

SPECIAL

High performance cup brushes for surface finishing. High cleaning action from knotted wire. Industrial grade.



150-230

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm						0,35	RRP	0,50	RRP	0,80	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	20		5/8 Zoll	8500	6	0802-608 133		0802-608 153		0802-608 183	
80	20		M14x2,0	8500	6	**0002-608 133**		**0002-608 153**		**0002-608 183**	
100	20		M14x2,0	8500	3	**0002-608 134**		**0002-608 154**		**0002-608 184**	
100	20		5/8 Zoll	8500	3	0802-608 134		0802-608 154		0802-608 184	
120	20		M14x2,0	6500	4	**0002-608 135**		**0002-608 155**		**0002-608 185**	
120	20		5/8 Zoll	6500	4	0802-608 135		0802-608 155		0802-608 185	

mm						0,35	RRP	0,50	RRP	0,50 1.4401	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	20		M14x2,0	8500	3	**0002-608 333**		**0002-608 353**		0442-608 353 *	
100	20		M14x2,0	8500	3	0002-608 334		**0002-608 354**		0442-608 354 *	

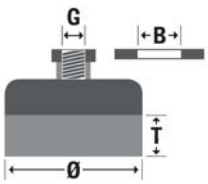
* TÜV-Certification planned.

Cup Brushes

knotted wire

PERFECT

Aggressive tools for fast heavy-duty cleaning an brushing of large surfaces. Do-it-yourself version.



150-230

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

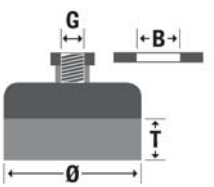
mm						0,35	RRP	0,50	RRP	0,80	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	20		M14x2,0	12500	10	**2008-608 131**		**2008-608 151**			
75	27		M14x2,0	11000	10			**2008-608 152**			
80	22		M14x2,0	8500	10			**2008-608 153**			
100	24		M14x2,0	8500	5			**2008-608 154**		2008-608 184	

Brushes
Angle grinder

Cup Brushes
crimped wire

SPECIAL

Material friendly, flexible brush for cleaning, paint stripping and descaling of surfaces. Industrial grade.



115-125

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm						0,20	RRP	0,30	RRP	0,30	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	21	16		12500	10			1602-613 161			
60	21	16		12500	4					1602-613 361	
60	21		M10x1,25	12500	10	5262-613 141					
60	21		M10x1,5	12500	10	0102-613 141		0102-613 161			
60	21		M14x2,0	12500	10	**0002-613 141**		**0002-613 161**			
60	21		M14x2,0	12500	4					**0002-613 361**	
75	23	16		12500	10	1602-613 142		1602-613 162			
75	23	16		12500	3					1602-613 362	
75	23		M10x1,25	12500	10	5652-613 142		5652-613 162			
75	23		M10x1,5	12500	10	0102-613 142		0102-613 162			
75	23		M14x2,0	12500	10	**0002-613 142**		**0002-613 162**			
75	23		M14x2,0	12500	4					**0002-613 362**	
75	23		5,8 Zoll	12500	10	0802-613 142		0802-613 162			
75	23		5,8 Zoll	12500	4					0802-613 362	

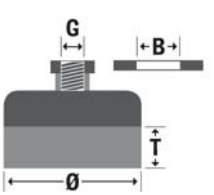
mm						0,30 1.4401	RRP	0,30	RRP		
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	21		M10x1,25	12500	10			4912-613 561 *			
60	21		M14x2,0	12500	4	0442-613 361 *					
60	21		M14x2,0	12500	10			4902-613 561 *			
75	25		M14x2,0	12500	4	0442-613 362 *					
75	25		M14x2,0	12500	10			4902-613 562 *			

* TÜV-Certification planned.

Cup Brushes
crimped wire

SPECIAL

Material friendly, flexible brush for cleaning, paint stripping and descaling of surfaces. Industrial grade.



150-230

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm						0,20	RRP	0,30	RRP	0,50	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	30		M14x2,0	8500	5	**0002-613 143**		**0002-613 163**			
80	25		5/8 Zoll	8500	5	0802-613 143		0802-613 163			
80	25		M14x2,0	8500	5					0002-613 193	
100	30		M14x2,0	8500	3	0002-613 144				0002-613 194	
100	30		M14x2,0	8500	4			**0002-613 164**			
100	30		5/8 Zoll	8500	3	0802-613 144		0802-613 164		0802-613 194	
125	30		M14x2,0	6500	4	0002-613 145		**0002-613 165**		0002-613 195	
125	30		5/8 Zoll	6500	4			0802-613 165		0802-613 195	
150	40		M14x2,0	4500	3	0002-613 146		**0002-613 166**		**0002-613 196**	
150	40		5/8 Zoll	4500	3	0802-613 146		0802-613 166		0802-613 196	

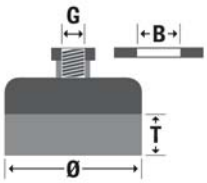
mm						0,30	RRP	0,30 1.4401	RRP	0,30	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	25		M14x2,0	8500	4	**0002-613 363**		0442-613 363 *			
80	25		M14x2,0	8500	5					4902-613 563 *	
80	25		5/8 Zoll	8500	4	0802-613 363					
100	25		M14x2,0	8500	3	**0002-613 364**		0442-613 364 *			
100	30		M14x2,0	8500	4					4912-613 564 *	
100	30		5/8 Zoll	8500	3	0802-613 364					
125	30		5/8 Zoll	6500	2	0802-613 365					
125	30		M14x2,0	6500	2	**0002-613 365**		0442-613 365 *			

* TÜV-Certification planned.

Cup Brushes
crimped wire

PERFECT

Material friendly, flexible brush for cleaning, paint stripping and descaling of surfaces. Do-it-yourself version.



150-180

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

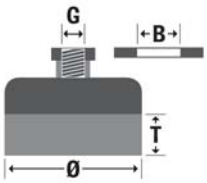
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■				■	■

mm							0,30	RRP	0,30 brass-coated	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60		18			12500	10	**2008-613 161**		**2008-613 061**			
75		25			12500	10	**2008-613 162**		**2008-613 062**			
80		25			8500	10	**2008-613 163**		**2008-613 063**			
100		25			8500	5	**2008-613 164**		**2008-613 064**			
125		30			6500	5	**2008-613 165**		**2008-613 065**			

Cup Brushes Longlife
crimped wire

EVOLUTION

Material friendly. Soft cleaning brushes for surface finishing. Special long-life wire for very long service life and reduced wire breakage.



115-230

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■				■	■

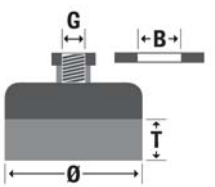
mm					Longlife 0,30	RRP				
Ø	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	20	M14x2,0	12500	10	**3902-613 161**					
75	25	M14x2,0	12500	10	**3912-613 163**					
80	25	M14x2,0	12500	5	**3902-613 163**					
100	22	M14x2,0	8500	4	**3902-613 164**					

Brushes
Angle grinder

Cup Brushes
abrasive filament

SPECIAL

Paint stripping, deburring and cleaining of metall and wooden surfaces.



150

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with: Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

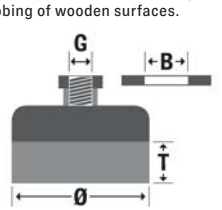
Abrasive bristle

	mm					Novofil 80	RRP	Novofil 120	RRP	Novofil 180	RRP
Ø	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	25	22,2		8500	3	8812-607 914		2312-607 914		**1802-607 914**	
100	25		M14x2,0	8500	3	6402-608 914		6412-608 914		**1802-608 914**	

Cup Brushes
abrasive filament

SPECIAL

Particularly suitable for finishing or denibbing of wooden surfaces.



150-180

USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with: Steel, Cast steel, Stainless steel, Non-ferrous metal, Aluminium, Soft wood, Hard wood

Abrasive bristle

	mm					Novofil 46	RRP	Novofil 60	RRP	Novofil 80	RRP
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
130	70	50	M14x2,0	2500	4	**9301-614 916**		**9311-614 916**		**9321-614 916**	

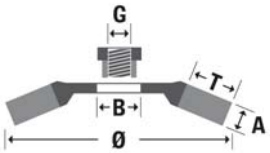
	mm					Novofil 120	RRP				
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
130	70	50	M14x2,0	2500	4	**9331-614 916**					

Bevel Brushes

knotted wire

SPECIAL

Particularly suitable for processing inaccessable areas e.g. angles, edges or corners.



115-125

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	□	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm							0,35 18 knots	RRP	0,50 18 knots	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22	16		12500	10			1602-622 151			
100	13	22		M10x1,25	12500	10	4802-622 131 *		2352-622 151			
100	13	22		M10x1,5	12500	10	0102-622 131		**0102-622 151**			
100	13	22		M14x2,0	12500	10	**0002-622 131**		**0002-622 151**			
115	15	20	16		12500	10			1602-632 151			
115	15	20		M14x2,0	12500	10	**0002-632 131**		**0002-632 151**			
115	15	20		5/8 Zoll	12500	10	0802-632 131		0802-632 151			
125	15	23		M14x2,0	12500	10	3602-632 131		**2902-632 151**			

* TÜV-Certification planned.

mm							0,35 22 knots	RRP	0,50 22 knots	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M14x2,0	12500	10	0002-623 131		0002-623 151			

mm							0,35 18 knots	RRP	0,50 18 knots	RRP	0,50 1.4401	RRP
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M10x1,25	12500	5	4802-622 331		2352-622 351			
100	13	22		M10x1,5	12500	5	0102-622 331		0102-622 351			
100	13	22		M14x2,0	12500	5	**0002-622 331**		**0002-622 351**		0442-622 351 *	
115	15	20		M14x2,0	12500	5	**0002-632 331**		**0002-632 351**		0442-632 351 *	
115	15	20		5/8 Zoll	12500	5	0802-632 331		0802-632 351			
125	15	23		M14x2,0	12500	10	3602-632 331		3602-632 351			

* TÜV-Certification planned.

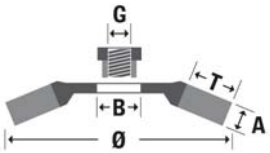
mm							0,35 22 knots	RRP	0,50 22 knots	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M14x2,0	12500	5	0002-623 331		0002-623 351			

Bevel Brushes

knotted wire

PERFECT

The ideal shape for brushing hard-to reach areas. Multi-purpose brushes for light and medium cleaning jobs.



115-125

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

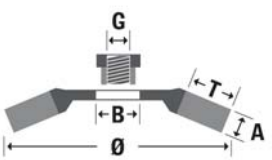
mm							0,50	RRP				
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	22		M14x2,0	12500	8	**2008-622 151**					

Brushes
Angle grinder

Bevel Brushes
crimped wire

SPECIAL

Particularly suitable for processing inaccessable areas e.g. angles, edges or corners.



115-125

USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
descaling/paint stripping	■	■	□	□	□
slag residue	□	□	■	■	■
silicates residue	□	■	■	□	■
blue color residue	□	■	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

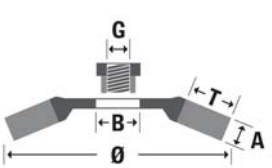
mm							0,30	RRP	0,30 brass-coated	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	20	20		M10x1,25	12500	10	2352-512 162					
100	20	10		M10x1,25	12500	10	2352-512 161					
100	20	20		M10x1,5	12500	10	0102-512 162		0002-512 062			
100	20	20		M10x1,5	12500	10	0102-512 161					
100	10	20		M14x2,0	12500	10	**0002-512 162**		**0002-512 061**			
100	10	20		M14x2,0	12500	10	**0002-512 161**					
125	10	25		M14x2,0	12500	10	0002-514 161					

mm						0,20	RRP	0,30	RRP	0,30 1.4401	RRP
Ø	A	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	20	20	M10x1,25	12500	5	2352-512 342		2352-512 362			
100	20	20	M10x1,5	12500	5	0102-512 342		0102-512 362			
100	20	20	M14x2,0	12500	5	**0002-512 342**		**0002-512 362**			
100	10	20	M14x2,0	12500	5			**0002-512 361**			
125	10	25	M14x2,0	12500	5	0002-514 341		**0002-514 361**		0442-514 361	

Bevel Brushes
crimped wire

PERFECT

The ideal shape for brushing hard-to reach areas. Multi-purpose brushes for light and medium cleaning jobs.



125

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

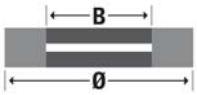
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■				■	■

mm							0,30 brass-coated	RRP	0,30	RRP		
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	10	20		M14x2,0	12500	10	**2008-512 061**		**2008-512 161**			

F-Adapter

For reduction of arbor holes.



Inch				RRP				
Inner Ø	Outer Ø	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
3/8"	5/8"	1	0003-000 222					
1/2"	5/8"	1	0003-000 223					
3/8"	7/8"	1	0003-000 242					
7/8"	1/2"	1	**0003-000 243**					
7/8"	5/8"	1	**0003-000 244**					

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

CORDLESS IS KING

More power, longer battery life and no cables: the new generation of cordless power tools, make work easy, even if there is no electricity socket available. Battery life and the actual performance of these tools, has made a huge leap in recent years. Cordless power tools are now an alternative for a whole range of users.
Whether on construction sites, or for plumbing, HVAC, janitor services, firefighting, road service and other mobile units, cordless power tools are now considered an essential piece of equipment.

Why special tools?

Cordless power tools are commonly used by mobile services, where not the full range of accessories is available. Users therefore need universal tools which can tackle a variety of tasks on different materials. By this the amount of accessories to be carried along on a constructions site can be reduced when steel, stainless steel and wood need to be worked on.

Commonly cordless angle grinders run with a 30 % reduced working speed compared to usual angle grinders. Having specifically developed accessories for cordless power tools in use means that the perfect result of brushes, grinding- or cutting discs can be reached by a speed of 7,000 to 8,000 rpm. Osborn Brushes are reduced in weight and therefore prolong the battery life between recharges by 20–25 %.

Advantages

- Low weight
- Precise Working
- Multifunctional
- Easy to handle
- Reduced imbalance and vibration
- Longer battery life (20–25 %)
- Fewer charging cycles
- Universal usage on all materials
- Can be used for different materials

WE MAKE IT EASY FOR YOU!

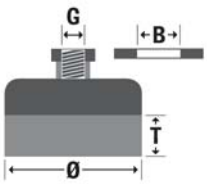
OSBORN has developed accessories which are flexible in use, light weight, easy to handle and assure highest precision.

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

Cup Brushes
crimped wire

Suitable for:
Steel, stainless steel, brass, wood

Cleaning, satinising, flattening and degraining



mm					0,30	RRP				
Ø	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	21	M14x2,0	12500	5	**6912-613 561**					

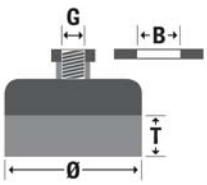
Developed for usage on **cordless power tools!**

Cup Brushes
abrasive nylon

Universal cleaningbrush, reduced weight, with SIC abrasive nylon to process large surfaces.

Suitable for:
Steel, stainless steel, non-ferrous, aluminum, brass, wood

Deburring, paint stripping, cleaning, satinising, degraining



mm					grit 80	RRP				
Ø	T	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
60	21	M14x2,0	12500	5	**6912-613 891**					

Developed for usage on **cordless power tools!**

Brushes
Angle grinder

Bevel Brushes

abrasive nylon

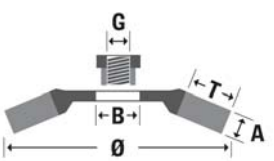
mm					max.		grit 80	RRP				
Ø	A	T	B	G	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100		20		M14x2,0	12500	5	6912-622 891					

Developed for usage on **cordless power tools!**

Universal cleaningbrush, reduced weight, with SIC abrasive nylon to process inaccessible areas like edges, angles, corners and cleaning MIG/MAG/TIG weld seams.

Suitable for:
Steel, stainless steel, non-ferrous, aluminum, brass, wood

Deburring, paint stripping, cleaning, satinising, degraining



Please note:

Find polishing and satinising accessories for cordless power tools in chapter Polishing/Satinising on page 95 and 104.

GENERAL INFORMATION 40
WHEEL BRUSHES 41
CUP BRUSHES 47
END BRUSHES 50
FLAP WHEELS 54
SETS 55

Important user information

Brushes for power drills

To be noted when selecting brushes and using power drills:

1. General user information

The brushes on the following pages are suitable for all brands of power drills. It does not matter whether you are using a 1- or 2-speed machine or a percussion drill.

The recommended speed is approx. 1,500 - 3,500 rpm.

2. Typical brush types for power drills

Wheel brushes

Available with knotted and crimped wire, as well as abrasive filaments or plastic bonded wires.

Cup brushes

Available with knotted and crimped wire, as well as abrasive filaments and plastic bonded wires.

Please note:

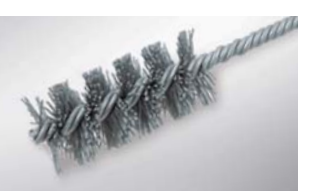
Cup and end brushes spread during operation.

End brushes

Available with crimped wire, abrasive filaments and plastic bonded wires.

Flap wheel brushes

Available with crimped wire, abrasive filaments or Tampico fibre.



Tube & internal brushes

All details can be found in the chapter on internal finishing.

The machine information on the packaging and displays

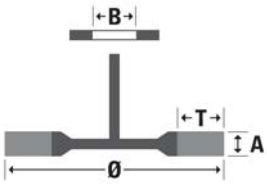
Details on machine suitability can also be found on the machine icons on Osborn packaging and counter and shelf displays.

Wheel Brushes

knotted wire

SPECIAL

For heavy-duty cleaning and deburring applications such as slag and silicate removal, weld seam finishing or removal of the underfloor protection in motor vehicles.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

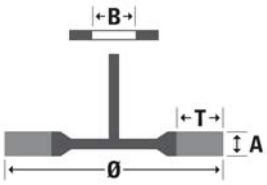
mm				max.		0,35	RRP	0,50	RRP	0,50	RRP
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	18	6	20000	12	**0202-611 131**		**0202-611 151**		**0202-611 351**	

Wheel Brushes

knotted wire

SPECIAL

Do-it-yourself type for commercially available power drills in self-service packaging.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

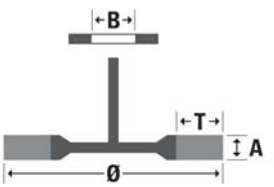
mm				max.		0,50	UVP	0,50	UVP		
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	18	6	20000	8	**7202-611 151**		**7012-611 351**			

Brushes
Power drill

Wheel Brushes
crimped wire

SPECIAL

Recommended working speed approx. 50 % of maximum RPM. For non-destructive and light cleaning work, deburring and processing bores.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

	mm				0,15	RRP	0,20	RRP	0,30	RRP
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	6	4	20000	10	0002-501 132		**0002-501 142**			
20	9	4	20000	10			**0002-501 143**			
30	6	6	20000	10			**0002-502 141**			
30	9	6	20000	10	0002-502 132		**0002-502 142**			
30	12	6	20000	10			**0002-502 143**			
40	11	10	18000	10	0002-503 132		**0002-503 142**			
40	16	10	18000	10			**0002-503 143**			
50	10	13	15000	10			**0002-504 141**		**0002-504 161**	
50	17	13	15000	10	0002-504 132		**0002-504 142**		**0002-504 162**	
50	23	13	15000	10			0002-504 143		**0002-504 163**	
60	12	15	15000	10			**0002-505 141**		**0002-505 161**	
60	18	15	15000	10	0002-505 132		**0002-505 142**		**0002-505 162**	
70	11	15	15000	10			**0002-506 141**		**0002-506 161**	
70	18	15	15000	10	0002-506 132		**0002-506 142**			
80	19	20	15000	10			**0002-507 142**		**0002-507 162**	

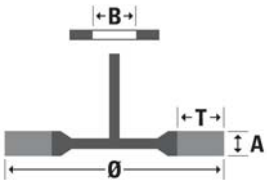
	mm				0,15	RRP	0,20	RRP	0,30	RRP
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	6	6	20000	10			**0002-502 341**			
30	9	6	20000	10	0002-502 332		**0002-502 342**			
30	12	6	20000	10	0002-502 333		**0002-502 343**			
40	7	10	18000	10	0002-503 331		**0002-503 341**			
40	11	10	18000	10	0002-503 332		**0002-503 342**			
40	16	10	18000	10	0002-503 333		**0002-503 343**			
50	10	13	15000	10			**0002-504 341**		**0002-504 361**	
50	17	13	15000	10	**0002-504 332**		**0002-504 342**		**0002-504 362**	
50	23	13	15000	10			0002-504 343		0002-504 363	
60	12	15	15000	10			**0002-505 341**		**0002-505 361**	
60	18	15	15000	10	0002-505 332		**0002-505 342**		**0002-505 362**	
60	23	15	15000	10			0002-505 343		0002-505 363	
70	11	15	15000	10			**0002-506 341**		**0002-506 361**	
70	18	15	15000	10	**0002-506 332**		**0002-506 342**		**0002-506 362**	
70	23	15	15000	10			**0002-506 343**		**0002-506 363**	
80	10	20	12000	10					**5162-507 361**	
80	19	20	12000	10			**0002-507 342**		**0002-507 362**	

	mm				0,20	RRP				
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	9	6	20000	10	**0002-502 542**					
40	11	10	18000	10	**0002-503 542**					
50	17	13	15000	10	**0002-504 542**					
60	18	15	15000	10	**0002-505 542**					
70	18	15	15000	10	**0002-506 542**					
80	19	20	12000	10	**0002-507 542**					

Wheel Brushes

crimped wire

High performance brushes for powerdrills and straight grinders in self-service packaging.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

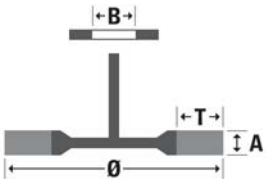
mm						0,20	RRP	0,30	RRP	0,20	RRP
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	13	6	15000	6					3002-504 342	
60	18	15	6	15000	6			7002-505 162			
70	18	15	6	15000	6	7022-506 142					
80	19	20	6	12000	6	7002-507 142		7002-507 162		7002-507 342	

mm						0,30	RRP	0,20	RRP		
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	13	6	15000	6	7002-504 362					
60	18	15	6	15000	6			7002-505 542			
80	19	20	6	12000	6	7002-507 362					

Wheel Brushes

crimped wire

Do-it-yourself type for commercially available power drills.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm					0,20	RRP	0,30	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	7	10	4500	20	0003-600 211		0008-600 221			
63	9	13	4500	20	0003-600 311		0008-600 321			
75	10	16	4500	10	0008-600 411		0008-600 421			
75	15	16	4500	10			0008-600 422			
100	12	22	4500	10	0008-600 511		0008-600 521			
100	17	22	4500	10			0008-600 522			

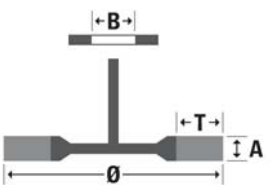
mm					0,20	RRP	0,30	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	7	10	4500	20	0088-600 221					
75	10	16	4500	10			0008-600 432			
100	10	22	4500	10	0008-600 531		0088-600 521			

Brushes
Power drill

Wheel Brushes
crimped wire

PERFECT

Do-it-yourself type for commercially available power drills in self-service packaging.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

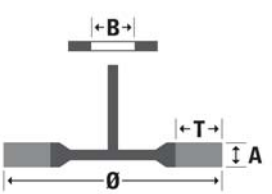
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm				max.	pcs.	0,30	RRP	0,30	UVP		
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	7	10	6	4500	8			7003-600 221			
75	10	16	6	4500	8			7003-600 421			
100	12	22	6	4500	8			7003-600 521			
100	12	22	6	4500	6	7018-600 521					

Wheel Brushes
crimped wire

SPECIAL

Wheel brushes for wood working. Particularly suitable for brushing out annual (year) rings. Supplied on 8 mm shaft.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

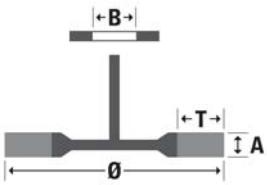
mm			max.	pcs.	0,25 cordwire	RRP				
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	35	25	4000	10	0908-507 061					

Wheel Brushes

crimped wire

SPECIAL

Do-it-yourself type for commercially available power drills in self-service packaging.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

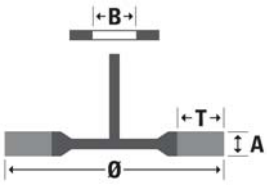
mm			max.		0,25 cordwire	RRP				
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
80	35	25	4000	10	**7003-507 061**					

Wheel Brushes

crimped wire plastic-bonded

EVOLUTION

Brush with plastic-bonded wire for longer service life and reduced wire breakage.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

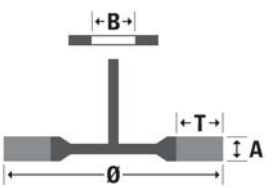
mm			max.		0,30	RRP				
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
63	8	20	15000	12	**0002-911 941**					
76	8	26	15000	12	**0002-911 951**					

Brushes
Power drill

Wheel Brushes
abrasive filament

PERFECT

The trim on these brushes follows the contours of the work piece without significantly affecting the surface. Brushes with abrasive bristles for cleaning materials.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

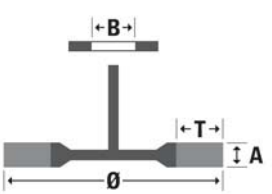
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

mm			max.	pcs.	grit 80 red	RRP	grit 180 blue	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	10	16	4500	10	0802-600 491		0182-600 491			
100	10	23	4500	10	0802-600 591		0182-600 591			

Wheel Brushes
abrasive filament

PERFECT

Do-it-yourself type for commercially available power drills in self-service packaging.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

mm			max.	pcs.	grit 80 red	RRP	grit 180 blue	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	10	16	4500	10	7802-600 491		7182-600 491			
100	10	23	4500	10	7802-600 591		7182-600 591			

Cup Brushes

knotted wire

SPECIAL

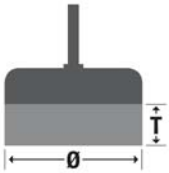
USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

High performance cup brushes for demanding cleaning work.



mm				0,50	RRP				
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	23	6000	10	**1004-608 151**					

Cup Brushes

knotted wire

SPECIAL

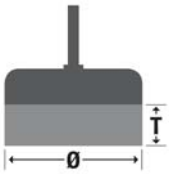
USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

Do-it-yourself type for commercially available power drills in self-service packaging.



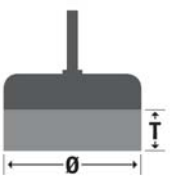
mm				0,50	RRP				
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
65	23	6000	10	**7004-608 151**					

Brushes
Power drill

Cup Brushes
crimped wire

PERFECT

Do-it-yourself type for power drills.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

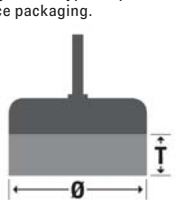
mm		max.		0,20	RRP	0,30	RRP	0,20	RRP
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	20	**0008-600 811**		**0008-600 821**		**0023-600 851**	
75	20	4500	10	**0008-600 911**		**0008-600 921**		0023-600 951	

mm		max.		0,30	RRP				
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	20	**0008-600 832**					
75	20	4500	10	**0008-600 361**					

Cup Brushes
crimped wire

PERFECT

Do-it-yourself type for power drills in self-service packaging.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

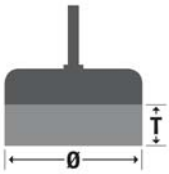
mm			max.		0,30	RRP	0,30	UVP		
Ø	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	6	4500	8			**7003-600 821**			
50	17	6	4500	6	**7008-600 832**					
75	20	6	4500	8			**7003-600 921**			
75	20	6	4500	6	**7008-600 361**					

Cup Brushes

crimped wire plastic-bonded

EVOLUTION

Brush with plastic-bonded wire for longer service life and reduced wire breakage.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

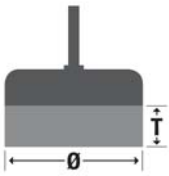
mm		max.		0,30	RRP				
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	15	15000	12	**0002-930 821**					

Cup Brushes

abrasive filament

PERFECT

The trim on these brushes follows the contours of the work piece without significantly affecting the surface. Brushes with abrasive bristles for cleaning materials.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

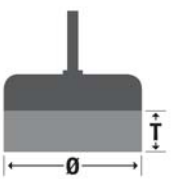
mm		max.		grit 80 red	RRP	grit 180 blue	RRP		
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	10	**0802-600 891**		**0182-600 891**			
75	23	4500	10	**0802-600 991**		**0182-600 991**			

Brushes
Power drill

Cup Brushes
abrasive filament

PERFECT

Do-it-yourself type for power drills in self-service packaging.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

mm		max.		grit 80 red	RRP	grit 180 blue	RRP		
Ø	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	17	4500	10	**7802-600 891**		**7182-600 891**			
75	23	4500	10	**7802-600 991**		**7182-600 991**			

End Brushes
crimped wire

SPECIAL

End brushes for pin-point accuracy and hard-to-reach areas. Professional version.

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm			max.		0,20	RRP	0,30	RRP	0,50	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	40	20000	12	**0003-509 141**		**0003-509 161**		0003-509 191	
17	25	45	18000	12	**0002-509 142**		**0002-509 162**		0002-509 192	
25	25	50	18000	12	**0002-509 143**		**0002-509 163**		0002-509 193	
30	25	45	15000	12	**0002-509 144**		**0002-509 164**		0002-509 194	

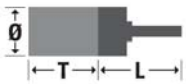
mm			max.		0,20	RRP	0,30	RRP	0,30	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	40	20000	12	**0003-509 341**		**0003-509 361**		0003-509 561	
17	25	45	18000	12	**0002-509 342**		**0002-509 362**		**0002-509 562**	
25	25	50	18000	12	**0002-509 343**		**0002-509 363**		**0002-509 563**	
30	25	45	15000	12	0002-509 344		**0002-509 364**		**0002-509 564**	

End Brushes

crimped wire

PERFECT

End brushes for pin-point accuracy and hard-to-reach areas. DIY version.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

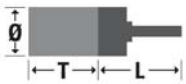
mm					0,30	RRP	0,30	RRP		
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
12	20	45	4500	20	**0008-509 161**					
17	25	45	4500	12	**0008-509 162**					
25	25	50	4500	12			**0008-509 363**			
25	30	50	4500	12	**0008-509 163**					
30	35	50	4500	12	**0008-509 164**					

End Brushes

crimped wire

PERFECT

End brushes for pin-point accuracy and hard-to-reach areas. DIY version in self-service packaging.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

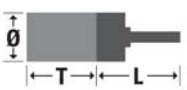
mm						0,30	RRP	0,30	RRP		
Ø	T	L	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	30	50	6	4500	12	**1718-509 163**		**7008-509 363**			

Brushes
Power drill

End Brushes
crimped wire plastic-bonded

EVOLUTION

Brush with plastic-bonded wire for longer service life and reduced wire breakage.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

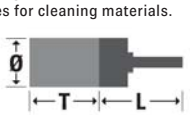
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

mm				max.		0,30	RRP				
Ø	T	K	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
17	24	16	43	15000	12	**0002-930 902**					
24	23	23	43	15000	12	**0002-930 907**					
31	23	29	43	15000	12	**0002-930 912**					

End Brushes
abrasive filament

PERFECT

The trim on these brushes follows the contours of the work piece without significantly affecting the surface. Brushes with abrasive bristles for cleaning materials.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

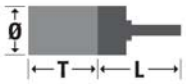
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

mm				max.		grit 80 red	RRP	grit 180 blue	RRP		
Ø	T	K	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	25	22	45	5000	12	**0812-509 913**		**1812-509 913**			

End Brushes
abrasive filament

PERFECT

Do-it-yourself type for power drills in self-service packaging.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with: Abrasive bristle

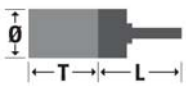
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

mm						grit 80 red	RRP	grit 180 blue	RRP		
Ø	T	K	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	25	22	45	5000	12	**7812-509 913**		**7802-509 913**			

End Brushes
abrasive filament

SPECIAL

End brushes with silicon carbide bristles
Professional, industrial quality version.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with: Abrasive bristle

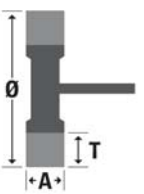
Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
■	■	■	■	■	■	■

mm						Novofil 120	RRP	Novofil 180	RRP	Novofil 320	RRP
Ø	T	K	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	25	10	50	5000	12			**1802-509 911**		3202-509 911	
15	25	15	43	5000	12	**1202-509 912**		**1802-509 912**		**3202-509 912**	
22	25	22	50	5000	12	**1202-509 913**		**1802-509 913**		3202-509 913	
28	25	28	45	5000	12	1202-509 914		**1802-509 914**		3202-509 914	

Brushes
Power drill

Flap Wheel Brushes
crimped wire

Light and flexible flap wheel brushes with 25 mm operating width for power drills.



USAGE

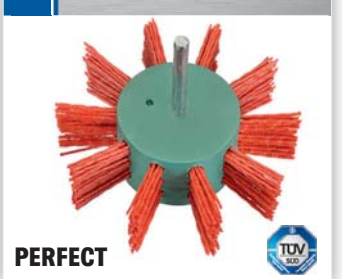
	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

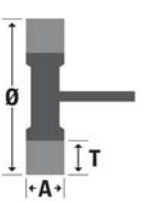
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

mm					0,30 steel wire	RRP	0,30 brass-coated	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	25	3500	5	**0004-401 132**		**0004-401 052**			

Flap Wheel Brushes
abrasive / natural fibre



Light and flexible flap wheel brushes with 25 mm operating width for power drills.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

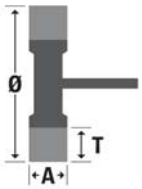
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■
Natural bristle	■	■	■	■	■	■	■

mm					grit 80 red	RRP	grit 180 blue	RRP	fibre	RRP
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	25	3500	5	**0001-401 912**		**0011-401 912**		0004-401 942	

Flap Wheel Brushes

abrasive / natural fibre

Do-it-yourself type for power drills in self-service packaging.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■
Natural bristle	■	■	■	■	■	■	■

mm					grit 80 red	RRP	grit 180 blue	RRP		
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	25	3500	5	**7801-401 912**		**7811-401 912**			

DIY Brush Set

5 pieces, crimped wire

Promotional set of five power drill brushes for metal processing in self-service packaging.

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

rpm	pcs.	DIY brush set Order-No.	RRP €
4500	10	**1418-600 005**	

0,30	Ø
wheel brush	50
wheel brush	75
end brush	25
cup brush	50
cup brush	70

DIY Brush Set

5 pieces, abrasive filament

Promotional set of five power drill brushes for woodworking in self-service packaging.

NEW!

USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

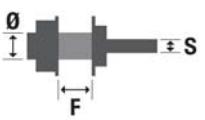
rpm	pcs.	DIY brush set Order-No.	RRP €
4500	10	**1518-600 005**	

grit 80	Ø
wheel brush	50
wheel brush	75
end brush	25
cup brush	50
cup brush	75

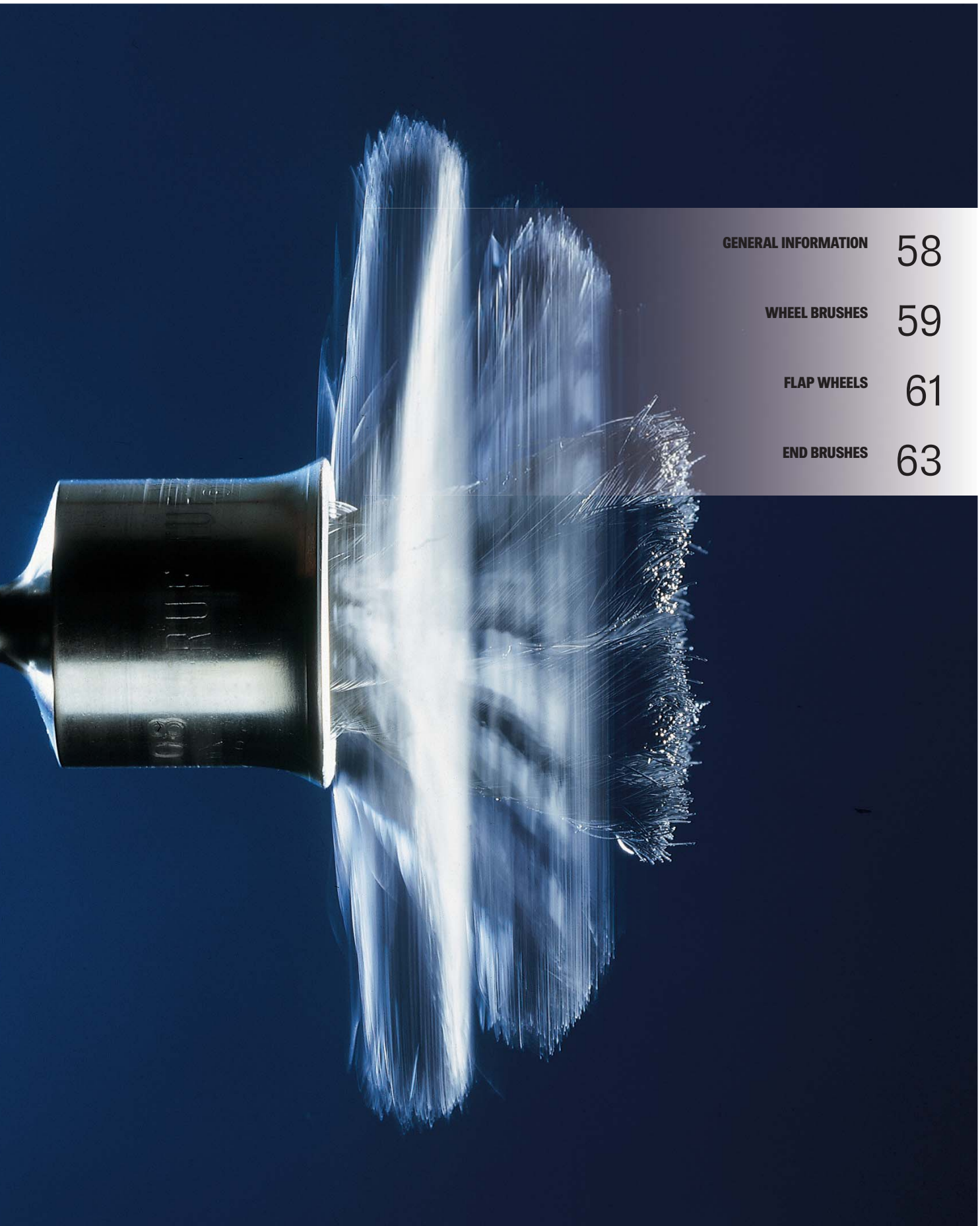
Brushes
Power drill

Drive Arbor
Type I

For wheel brushes with arbor hole.
Brushes can be mounted up to a face width of max. 20 mm.



mm						RRP				
Ø	inch	F	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10		20	6	1	**0003-000 100**					
13		20	6	1	**0003-000 130**					
12,7	1/2 inch	20	6	1	**0004-000 127**					



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END BRUSHES 63

Important user information

Brushes for high-speed machines

To be noted when selecting brushes and using high-speed machines:

1. General user information

Thanks to their reinforced components and especially rigid clamping characteristics, the brushes on the following pages are suitable for high-speed drive units (e.g. straight grinders, pneumatic tools) and for all common brands.

2. Typical brushes for high-speed machines

Wheel brushes

Available with knotted and crimped wire.

End brushes

Available with knotted, abrasive and crimped wire, as well as extra-long shaft and special shapes.

Please note:

End brushes spread during operation.

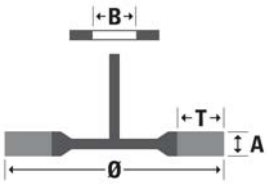
The machine information on the packaging and displays

Details on machine suitability can also be found on the machine icons on Osborn packaging and counter and shelf displays.

Wheel Brushes

knotted wire

For heavy-duty cleaning and deburring applications such as slag and silicate removal, weld seam finishing or removal of the underfloor protection in motor vehicles.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

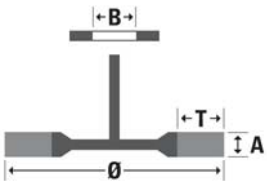
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm					max.		0,35	RRP	0,50	RRP	0,50	RRP
Ø	A	T	B	Shank	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	18		6	20000	12	**0202-611 131**		**0202-611 151**		**0202-611 351**	

Wheel Brushes

crimped wire

Recommended working speed approx. 50 % of maximum RPM. For non-destructive and light cleaning work, deburring and processing bores.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm			max.		0,15	RRP	0,20	RRP	0,30	RRP
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	6	4	20000	10	0002-501 132		**0002-501 142**			
20	9	4	20000	10			**0002-501 143**			
30	6	6	20000	10			**0002-502 141**			
30	9	6	20000	10	0002-502 132		**0002-502 142**			
30	12	6	20000	10			**0002-502 143**			
40	11	10	18000	10	0002-503 132		**0002-503 142**			
40	16	10	18000	10			**0002-503 143**			
50	10	13	15000	10			**0002-504 141**		**0002-504 161**	
50	17	13	15000	10	0002-504 132		**0002-504 142**		**0002-504 162**	
50	23	13	15000	10			0002-504 143		**0002-504 163**	
60	12	15	15000	10			**0002-505 141**		**0002-505 161**	
60	18	15	15000	10	0002-505 132		**0002-505 142**		**0002-505 162**	
70	11	15	15000	10			**0002-506 141**		**0002-506 161**	
70	18	15	15000	10	0002-506 132		**0002-506 142**			
80	19	20	15000	10			**0002-507 142**		**0002-507 162**	

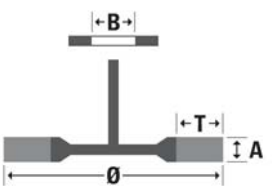
Continue next page.

Brushes
High-speed

Wheel Brushes
crimped wire

SPECIAL

Recommended working speed approx. 50 % of maximum RPM. For non-destructive and light cleaning work, deburring and processing bores.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

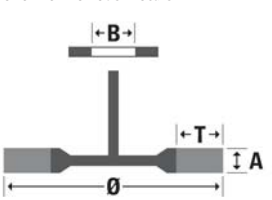
mm					0,15	RRP	0,20	RRP	0,30	RRP
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	6	6	20000	10			**0002-502 341**			
30	9	6	20000	10	0002-502 332		**0002-502 342**			
30	12	6	20000	10	0002-502 333		**0002-502 343**			
40	7	10	18000	10	0002-503 331		**0002-503 341**			
40	11	10	18000	10	0002-503 332		**0002-503 342**			
40	16	10	18000	10	0002-503 333		**0002-503 343**			
50	10	13	15000	10			**0002-504 341**		**0002-504 361**	
50	17	13	15000	10	**0002-504 332**		**0002-504 342**		**0002-504 362**	
50	23	13	15000	10			0002-504 343		0002-504 363	
60	12	15	15000	10			**0002-505 341**		**0002-505 361**	
60	18	15	15000	10	0002-505 332		**0002-505 342**		**0002-505 362**	
60	23	15	15000	10			0002-505 343		0002-505 363	
70	11	15	15000	10			**0002-506 341**		**0002-506 361**	
70	18	15	15000	10	**0002-506 332**		**0002-506 342**		**0002-506 362**	
70	23	15	15000	10			**0002-506 343**		**0002-506 363**	
80	10	20	12000	10					**5162-507 361**	
80	19	20	12000	10			**0002-507 342**		**0002-507 362**	

mm					0,20	RRP				
Ø	A	T	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	9	6	20000	10	**0002-502 542**					
40	11	10	18000	10	**0002-503 542**					
50	17	13	15000	10	**0002-504 542**					
60	18	15	15000	10	**0002-505 542**					
70	18	15	15000	10	**0002-506 542**					
80	19	20	12000	10	**0002-507 542**					

Wheel Brushes
abrasive filament

SPECIAL

Silicon carbide abrasive bristle for deburring, edge rounding and surface finishing. Also suitable for non-ferrous metals.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

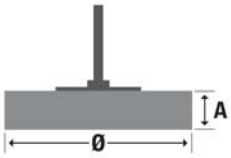
mm						grit 120	RRP	grit 180	RRP	grit 320	RRP
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
38	10	6	1/2"	20000	12	**9906-011 146**		**9906-011 147**		**9906-011 148**	
50	10	11	5/8"	15000	12	**9906-011 149**		**9906-011 150**		**9906-011 151**	
63	13	17	5/8"	15000	12	**9906-011 153**		**9906-011 154**		**9906-011 155**	

mm						grit 120	RRP	grit 180	RRP	grit 320	RRP
Ø	A	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
38	10	6	6	20000	10	**9906-011 446**		**9906-011 447**		**9906-011 448**	
50	10	11	6	15000	10	**9906-011 449**		**9906-011 450**		**9906-011 451**	
63	13	17	6	15000	10	**9906-011 453**		**9906-011 454**		**9906-011 455**	

Flap Wheels

SPECIAL

Flap wheels are suited for surface finishing of most component parts our of steel, nonferrous metals, wood and hard plastics. With aluminium oxide.



mm					grit 40	RRP	grit 60	RRP	grit 80	RRP
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	10	6	25400	10	0043-003 010		0063-003 010		0083-003 010	
30	15	6	25400	10	**0043-003 015**		**0063-003 015**		**0083-003 015**	
40	15	6	19100	10	0043-004 015		0063-004 015		0083-004 015	
40	20	6	19100	10	**0043-004 020**		**0063-004 020**		**0083-004 020**	
40	30	6	17000	10	0063-004 030		0083-004 030		0123-004 030	
50	15	6	15200	10	0043-005 015		0063-005 015		0083-005 015	
50	20	6	15200	10	**0043-005 020**		**0063-005 020**		**0083-005 020**	
50	30	6	15200	10	**0043-005 030**		**0063-005 030**		**0083-005 030**	
60	20	6	12700	10	**0043-006 020**		**0063-006 020**		**0083-006 020**	
60	30	6	12700	10	**0043-006 030**		**0063-006 030**		**0083-006 030**	
60	40	6	12700	10	**0043-006 040**		**0063-006 040**		**0083-006 040**	
60	50	6	12700	10	0043-006 050		0063-006 050		0083-006 050	
80	30	6	8900	10	0043-008 030		0063-008 030		0083-008 030	
80	40	6	8900	10	0043-008 040		0063-008 040		0083-008 040	
80	50	6	8900	10	0043-008 050		0063-008 050		0083-008 050	

mm					grit 120	RRP	grit 150	RRP	grit 180	RRP
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	10	6	25400	10	0123-003 010		0153-003 010		0183-003 010	
30	15	6	25400	10	**0123-003 015**		**0153-003 015**		**0183-003 015**	
40	15	6	19100	10	0123-004 015		0153-004 015		0183-004 015	
40	20	6	19100	10	**0123-004 020**		**0153-004 020**		**0183-004 020**	
50	15	6	15200	10	0123-005 015		0153-005 015		0183-005 015	
50	20	6	15200	10	**0123-005 020**		**0153-005 020**		**0183-005 020**	
50	30	6	15200	10	**0123-005 030**		**0153-005 030**		**0183-005 030**	
60	20	6	12700	10	**0123-006 020**		**0153-006 020**		0183-006 020	
60	30	6	12700	10	**0123-006 030**		**0153-006 030**		**0183-006 030**	
60	40	6	12700	10	**0123-006 040**		**0153-006 040**		**0183-006 040**	
60	50	6	12700	10	0123-006 050		0153-006 050		0183-006 050	
80	30	6	8900	10	0123-008 030		0153-008 030		0183-008 030	
80	40	6	8900	10	0123-008 040		0153-008 040		0183-008 040	
80	50	6	8900	10	0123-008 050		0153-008 050		0183-008 050	

mm					grit 240	RRP				
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	10	6	25400	10	0243-003 010					
30	15	6	25400	10	**0243-003 015**					
40	15	6	19100	10	0243-004 015					
40	20	6	19100	10	**0243-004 020**					
50	15	6	15200	10	0243-005 015					
50	20	6	15200	10	**0243-005 020**					
50	30	6	15200	10	**0243-005 030**					
60	20	6	12700	10	0243-006 020					
60	30	6	12700	10	**0243-006 030**					
60	40	6	12700	10	**0243-006 040**					
60	50	6	12700	10	0243-006 050					
80	30	6	8900	10	0243-008 030					
80	40	6	8900	10	0243-008 040					
80	50	6	8900	10	0243-008 050					

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

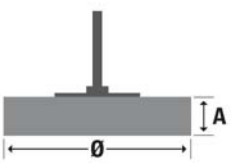
Brushes
High-speed

Flap Wheels of abrasive Fleece

non-woven combination

SPECIAL

Flap wheels with combined material: non-woven and abrasive cloth flaps for a fine surface pattern and as preparation for satinizing.



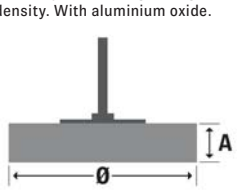
	mm				grit 60	RRP	grit 80	RRP	grit 150	RRP
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	20	6	17100	10	0063-404 020		0083-404 020		0153-404 020	
40	30	6	17100	10	**0063-404 030**		**0083-404 030**		**0153-404 030**	
50	20	6	13700	10	0063-405 020		0083-405 020		0153-405 020	
50	30	6	13700	10	**0063-405 030**		**0083-405 030**		**0153-405 030**	
50	40	6	13700	10	0063-405 040		0083-405 040		0153-405 040	
60	30	6	11500	10	0063-406 030		0083-406 030		0153-406 030	
60	40	6	11500	10	**0063-406 040**		**0083-406 040**		**0153-406 040**	
60	50	6	11500	10	0063-406 050		0083-406 050		0153-406 050	
80	40	6	8600	10	0063-408 040		0083-408 040		0153-408 040	
80	50	6	8600	10	0063-408 050		0083-408 050		0153-408 050	

	mm				grit 240	RRP				
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	20	6	17100	10	1243-404 020					
40	30	6	17100	10	**1243-404 030**					
50	20	6	13700	10	1243-405 020					
50	30	6	13700	10	**1243-405 030**					
50	40	6	13700	10	1243-405 040					
60	30	6	11500	10	1243-406 030					
60	40	6	11500	10	**1243-406 040**					
60	50	6	11500	10	1243-406 050					
80	40	6	8600	10	1243-408 040					
80	50	6	8600	10	1243-408 050					

Flap Wheels of abrasive Fleece

SPECIAL

Flap wheels of abrasive fleece are especially suited for surface cleaning. On metal surfaces, they produce a grinding finish with a high density. With aluminium oxide.



	mm				coarse	RRP	medium	RRP	fine	RRP
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	20	6	17100	10	0083-304 020		0153-304 020		0243-304 020	
40	30	6	17100	10	**0083-304 030**		**0153-304 030**		**0243-304 030**	
50	30	6	13700	10	**0083-305 030**		**0153-305 030**		**0243-305 030**	
50	40	6	13700	10	0083-305 040		0153-305 040		0243-305 040	
60	30	6	11500	10	**0083-306 030**		**0153-306 030**		**0243-306 030**	
60	50	6	11500	10	0083-306 050		0153-306 050		0243-306 050	
80	50	6	8600	10	0083-308 050		0153-308 050		0243-308 050	

	mm				very fine	RRP				
Ø	A	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	20	6	17100	10	0323-304 020					
40	30	6	17100	10	**0323-304 030**					
50	30	6	13700	10	**0323-305 030**					
50	40	6	13700	10	0323-305 040					
60	30	6	11500	10	**0323-306 030**					
60	50	6	11500	10	0323-306 050					
80	50	6	8600	10	0323-308 050					

Important:

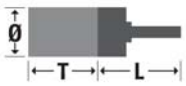
Grit fleece	Comparable grit (FEPA)
coarse	80–120
medium	150–220
fine	240–360
very fine	400–600

End Brushes

knotted wire

SPECIAL

Altering the RPMs means that the diameter can also be varied.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm					0,26	RRP	0,35	RRP		
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	29	44	20000	12	**0002-630 328**					
23	29	44	20000	12	**0002-630 334**		**0002-630 335**			
30	29	44	20000	12	**0002-630 340**		**0002-630 341**			

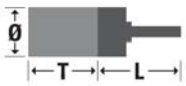
mm					0,26	RRP	0,35	RRP		
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	29	44	20000	12	**0002-630 304**		**0002-630 305**			
23	29	44	20000	12	**0002-630 310**		**0002-630 311**			
30	29	44	20000	12	**0002-630 316**		**0002-630 317**			

End Brushes

knotted Osborn wire

EVOLUTION

RUFTUF® with Original Osborn steel wire – a high performance wire developed by Osborn.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm						Osborn 0,15	RRP	Osborn 0,26	RRP	Osborn 0,35	RRP
Ø	L	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	44	29	6	20000	12	**9906-030 302**		**9906-030 304**		**9906-030 305**	
23	44	29	6	20000	12	**9906-030 308**		**9906-030 310**		**9906-030 311**	
30	44	29	6	20000	12	**9906-030 314**		**9906-030 316**		**9906-030 317**	

mm						Osborn 0,50	RRP				
Ø	L	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
23	44	29	6	20000	12	**9906-030 312**					
30	44	29	6	20000	12	**9906-030 318**					

Important:

Brushes flare during operation(see picture)

Information on the grade of flaring in relation to the body-diameter and operating speed, please see table.

Body-Ø	Wire size	At Speed ≤ min⁻¹ 5000	At Speed ≤ min⁻¹ 8000	At Speed ≤ min⁻¹ 15000
20	0,26	55	70	75
20	0,35	25	50	70
23	0,26	40	65	75
23	0,35	35	55	70
30	0,26	55	70	85
30	0,35	50	70	80

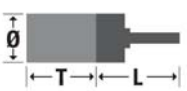
Recommended operating speed approx. 50% of the maximum rpm.

Brushes
High-speed

End Brushes
knotted Osborn wire

EVOLUTION

RUFTUF® with Original Osborn steel wire – a high performance wire developed by Osborn.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

mm				max.		Osborn 0,15 *	RRP	Osborn 0,26 *	RRP	Osborn 0,35 *	RRP
Ø	L	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
20	44	29	6	20000	12	**9906-030 326**		**9906-030 328**		**9906-030 329**	
23	44	29	6	20000	12	**9906-030 332**		**9906-030 334**		9906-030 335	
30	44	29	6	20000	12	**9906-030 338**		**9906-030 340**		**9906-030 341**	

* stainless steel version degreased.

Important:

Brushes flare during operation(see picture)

Information on the grade of flaring in relation to the body-diameter and operating speed, please see table.

Body-Ø	Wire size	At Speed ≤ min⁻¹ 5000	At Speed ≤ min⁻¹ 8000	At Speed ≤ min⁻¹ 15000
20	0,26	55	70	75
20	0,35	25	50	70
23	0,26	40	65	75
23	0,35	35	55	70
30	0,26	55	70	85
30	0,35	50	70	80

Recommended operating speed approx. 50% of the maximum rpm.

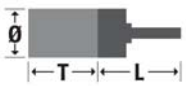
RUFTUF® end brushes are now also available with special rose bud twist. Available in steel wire and stainless steel wire, different wire diameters. Plase contact us.

End Brushes

knotted wire

SPECIAL

Ideal for hard-to-reach areas. Extra-long tapered shank. Knotted wire.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					
Stainless steel			■	■	■		

	mm		max.		0,25	RRP	0,35	RRP	0,50	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	26	72	15000	12	9803-630 151		9803-630 171		9803-630 101	

	mm		max.		0,25	RRP	0,35	RRP	0,50	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	26	72	15000	12	9803-630 351		9803-630 371		9803-630 301	

End Brushes

crimped wire

SPECIAL

Extra-long tapered shank.

USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

	mm		max.		0,20	RRP	0,30	RRP		
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	100	9000	10	**0003-509 149**		**0003-509 169**			

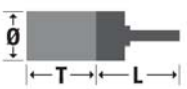
	mm		max.		0,20	RRP	0,30	RRP		
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	100	9000	10	**0003-509 349**		**0003-509 369**			

Brushes
High-speed

End Brushes
crimped wire

SPECIAL

End brushes for pin-point accuracy and hard-to-reach areas. Professional version.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

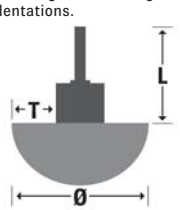
mm					0,20	RRP	0,30	RRP	0,50	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	40	20000	12	**0003-509 141**		**0003-509 161**		0003-509 191	
17	25	45	18000	12	**0002-509 142**		**0002-509 162**		0002-509 192	
25	25	50	18000	12	**0002-509 143**		**0002-509 163**		0002-509 193	
30	25	45	15000	12	**0002-509 144**		**0002-509 164**		0002-509 194	

mm					0,20	RRP	0,30	RRP	0,30	RRP
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	20	40	20000	12	**0003-509 341**		**0003-509 361**		**0003-509 561**	
17	25	45	18000	12	**0002-509 342**		**0002-509 362**		**0002-509 562**	
25	25	50	18000	12	**0002-509 343**		**0002-509 363**		**0002-509 563**	
30	25	45	15000	12	**0003-509 561**		**0002-509 364**		**0002-509 564**	

End Brushes
crimped wire

SPECIAL

Special design for dressing rounded welds or indentations.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

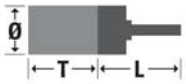
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

mm				0,30	RRP				
Ø	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
50	45	15000	5	**0002-509 165**					
70	45	15000	5	**0002-509 167**					

End Brushes
crimped wire

SPECIAL

Flat shape, high form stability.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

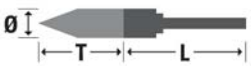
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm					0,40	RRP				
Ø	T	L	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
8	29	57	12000	12	**0024-509 101**					
9,5	29	55	12000	12	**0024-509 102**					
10	27	158	12000	6	**1224-509 101**					
12	29	60	12000	12	**0024-509 111**					
12	55	55	12000	6	0014-509 102					
20	25	47	12000	6	0024-509 103					

End Brushes
straight/crimped wire

SPECIAL

Sharp shape, high stability.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm						0,40	RRP	0,50	RRP		
Ø	T	L	Typ	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
9,5	32	57	122 P	12000	12	**0124-509 101**					
10	27	125	121 P/L	7000	6	**2224-509 101**					
10	31	55	123 P	12000	12	**0224-509 101**					
12	30	61	124 P	12000	12	**0124-509 111**					
19	31	51	102 P	12000	6			**0124-509 103**			
19	64	50	225	12000	6			**0024-509 100**			

mm						0,30	RRP	0,50	RRP		
Ø	T	L	Typ	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
9,5	32	57	122 P	12000	12	**0074-509 301**					
11	32	59	103 P	12000	6			**0004-509 302** *			
19	31	51	102 P	12000	6			**0124-509 303**			
25	35	50	103 P	12000	6			**0014-509 304**			

* straight wire.

Brushes
High-speed

End Brushes
abrasive filament

EVOLUTION

USAGE

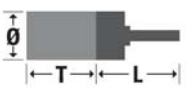
	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

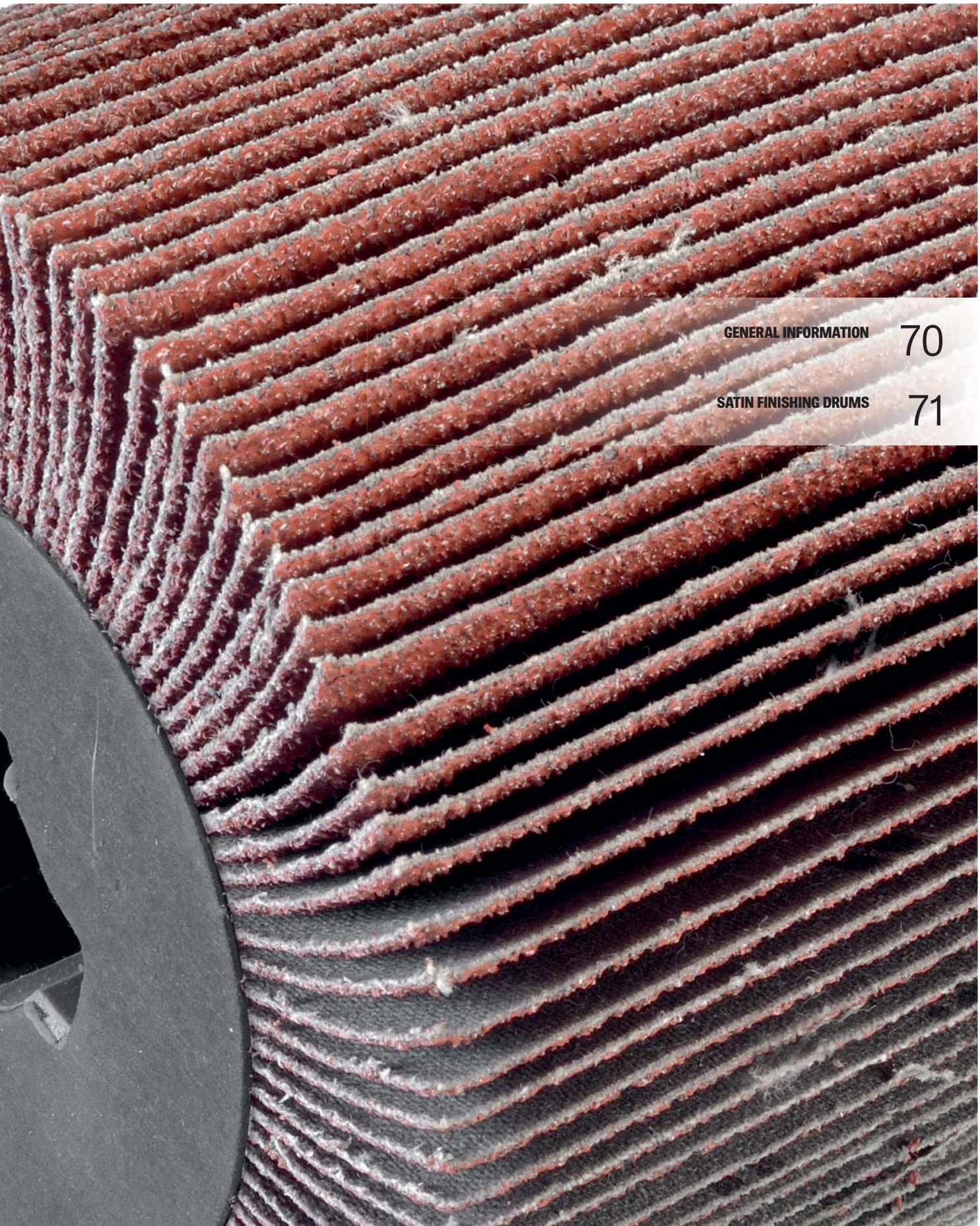
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

mm				max.		120	RRP	180	RRP	320	RRP
Ø	L	T	S	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	45	25	6	8000	12	**9906-030 488**		9906-030 489		**9906-030 490**	
15	45	25	6	5000	12	**9906-030 492**		**9906-030 493**		**9906-030 494**	
22	45	25	6	5000	12	**9906-030 496**		9906-030 497		9906-030 498	
28	45	25	6	5000	12	9906-030 500		9906-030 501		9906-030 502	

Silicon carbide abrasive bristle for deburring, edge rounding and surface finishing. Also suitable for non-ferrous metals.





GENERAL INFORMATION 70
SATIN FINISHING DRUMS 71

Important user information

Satin finishing drums for satinisers

To be noted when selecting grinding tools and using satinisers:

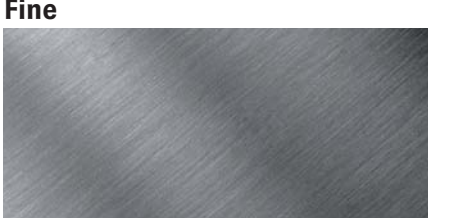
Satinising is a one-stage system for creating flat surfaces. The main considerations when selecting the satinising tools is the question of how the original surface should look like after your finishing process.

There are three possible finishing grades when satinising a surface:

Coarse

Medium

Fine



1. General user information

These products can be fitted simply and easily thanks to their 19/6 bore (with 4 keyways) which suits all common satinisers.

2. Typical product for satinisers

Abrasive cloth rollers
Abrasive cloth rollers offer the advantages of a flexible abrasive cloth.

Thanks to their open and flexible structure, they conform perfectly to the workpiece being ground.

They are suitable for coarse, medium, fine and superfine grinding.

For pregrinding we recommend our satin finishing drums with grit 60/80 und 120.

3. Advantage of the cylinder shape

Peripheral grinding in comparision to face grinding makes for a very nice grinding surface pattern.
The working width of 100 mm is in additional absolutely ideal to work larger surfaces.

Satin Finishing Drum
abrasive

Satin Finishing Drum with bore 19 and 4 keyways.
To be used for pre-grinding and structuring.
Can also be used for deburring.

mm					grit 40	RRP	grit 60	RRP	grit 80	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	19	5700	1	**0043-010 100**		**0063-010 100**		**0083-010 100**	

mm					grit 120	RRP	grit 180	RRP	grit 240	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	19	5700	1	**0123-010 100**		0183-010 100		0243-010 100	

Satin Finishing Drum
combined material

Satin Finishing Drum with combined material:
non-woven and abrasive cloth flaps for a fine
surface pattern and as preparation for satinizing.

mm					K60/C	RRP	K80/M	RRP	K120/F	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	19	5700	1	**0063-410 100**		**0083-410 100**		**0123-410 100**	

mm					K180/Vf	RRP				
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	19	5700	1	0183-410 100					

Satin Finishing Drum
non-woven

Drum with non-woven flaps.
To create a matt or satin finishing.

mm					coarse	RRP	medium	RRP	very fine	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	19	5700	1	**0083-310 100**		**0183-310 100**		**0283-310 100**	

Machine brushes
Satin finishing drums

Roller Brush
abrasive filament

Roller brush for roughening, grinding and structuring of wood.
Brushes used for brush sanders (e.g. Metabo, Eisenblätter, Makita, etc.). Please consider correct working width.

	mm					Novofil NHS 60	RRP	Novofil NHS 80	RRP	Novofil NHS 120	RRP
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	20	19		1	6931-401 912		6941-401 912		6951-401 912	
100	120	20	12,7		1	8611-411 912		8601-411 912		3901-411 912	

	mm					Novofil NHS 240	RRP				
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	100	20	19		1	6961-401 912					
100	120	20	12,7		1	8641-411 912					

Roller Brush
crimped wire

For roughening, deburring, cleaning of weld seams and paintstripping.

	mm					cordwire 0,27	RRP	0,20	RRP		
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	70	17,5	19	8000	1	9803-523 056		9803-523 346			

	mm					0,30 crimped brass-coated	RRP	cordwire 0,27	RRP		
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	120	16	12,7		1	4802-703 062		4802-703 052			

GENERAL INFORMATION 74

HAND SCRATCH BRUSHES 75

BUTCHERSBRUSHES 82

BROOMS 83

OTHERS 85

Important user information

Brushes for manual use / hand brushes

To be noted when selecting brushes and using manual hand brushes:

1. General user information

Our hand brushes are suitable for all manual work such as deburring, cleaning, rust or paint removal. We also have brushes for various kinds of painting and decorating.

2. Typical brush types for manual use

Hand brushes

Available with wood or plastic body and handle.

Brooms

Available with wire or nylon trim, plus floor and scrubbing brushes.

Bristles

Available with flat, round and special bristles.

Accessories

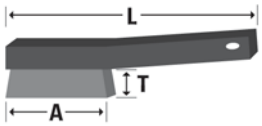
We also have a selection of useful accessories.

Hand Scratch Brushes

plastic handle

PERFECT

All-round brush with plastic handle for all sorts of cleaning applications.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

A (mm)	T (mm)	L (mm)	Rows	pcs.	0,30 crimped Order-No.	RRP €	0,30 crimped Order-No.	RRP €	0,30 crimped Order-No.	RRP €
140	25	265	1	24	**0008-462 291**		**0008-462 391**		**0008-462 591**	

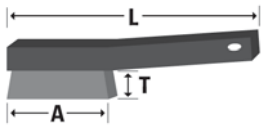
A (mm)	T (mm)	L (mm)	Rows	pcs.	0,30 brass-coated Order-No.	RRP €	Order-No.	RRP €	Order-No.	RRP €
140	25	265	1	24	**0008-462 091**					

Hand Scratch Brushes

plastic handle

SPECIAL

Ergonomically shaped plastic handle.
Dirt resistant.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

A (mm)	T (mm)	L (mm)	Rows	pcs.	0,35 straight Order-No.	RRP €	0,30 straight Order-No.	RRP €	0,20 crimped Order-No.	RRP €
140	23	280	3	10	**0008-462 133**		**0008-451 333**		**0008-447 573**	
140	23	280	4	10	**0008-462 134**		**0008-451 334**		**0008-447 574**	

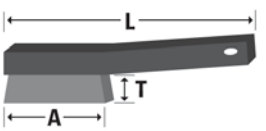
Hand brushes

Hand Scratch Brushes

plastic handle

SPECIAL

Hand scratch bruhes with an ergonomic anti-slip handle. Washable.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

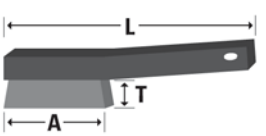
mm					0,35 straight	RRP	0,30 straight	RRP	0,20 crimped	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
110	23	270	3	5	0001-432 603		0001-432 613		0001-432 623	
110	23	270	4	5	0001-432 604		0001-432 614		0001-432 624	

Hand Scratch Brushes

plastic handle

SPECIAL

With anti-slip handle. Ideal shape to clean brake arches.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Brass wire				■		■	

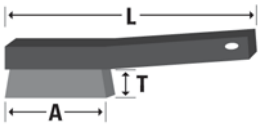
mm					0,35 straight	RRP	0,30 crimped	RRP	0,30 crimped	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
95	23	245	2	10	3301-462 122		3301-462 162		3301-462 562	

Hand Scratch Brushes

wooden handle

SPECIAL

Standardtype with quality hardwood body and pin hole.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm					0,30 straight brass-coated	RRP	0,35 straight steel wire	RRP		
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
145	25	295	2	12	**0001-152 022**		**0001-152 132**			
145	25	295	3	12	**0001-152 023**		**0001-152 133**			
145	25	295	4	12	**0001-152 024**		**0001-152 134**			
145	25	295	5	12	**0001-152 025**		**0001-152 135**			
145	25	295	2	100			**0001-151 132**			
145	25	295	3	100			**0001-151 133**			
145	25	295	4	100			**0001-151 134**			
145	25	295	5	100			**0001-151 135**			

mm					0,30 straight	RRP	0,30 crimped	RRP	0,30 VA4 straight	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
145	25	295	2	12	**0001-151 332**		**0001-151 392**		**0001-152 332**	
145	25	295	3	12	**0001-151 333**		**0001-151 393**		**0001-152 333**	
145	25	295	4	12	**0001-151 334**		**0001-151 394**		**0001-152 334**	
145	25	295	5	12	**0001-151 335**		**0001-151 395**		**0001-152 335**	

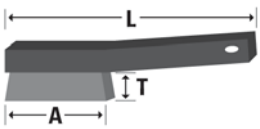
mm					0,30 straight	RRP	0,30 crimped	RRP		
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
145	25	295	2	12	**0001-158 522**		**0001-150 592**			
145	25	295	3	12	**0001-158 523**		**0001-150 593**			
145	25	295	4	12	**0001-158 524**		**0001-150 594**			
145	25	295	5	12	0001-158 525		**0001-150 595**			

Hand Scratch Brushes

wooden handle

SPECIAL

Standardtype with quality hardwood body and pin hole. Sturdy professional version.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm					0,35 straight	RRP	0,30 straight	RRP	0,30 straight	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
160	30	310	3	12	0901-151 093		0901-152 333		0901-151 593	
160	30	310	4	12	**0901-151 094**		**0901-152 334**		**0901-151 594**	
160	30	310	5	12	0901-151 095		0901-152 335		0901-151 595	

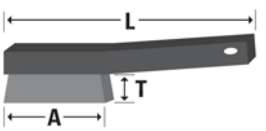
Hand brushes

Hand Scratch Brushes

wooden handle

SPECIAL

Perfect brush shape for hollow welds.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		

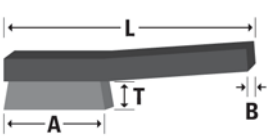
mm					0,35 straight	RRP	0,35 straight	RRP		
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
145	35	295	3	12	0003-162 133		0003-162 333			

Fine Scratch Brush

wooden handle

SPECIAL

Fine scratch brushes for soft and delicate cleaning work.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

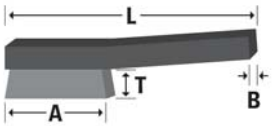
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Brass wire				■		■	
Natural bristle	■	■	■	■	■	■	■

mm						0,20 crimped	RRP	horsehair	RRP		
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
105	18	220	4	22	12	0003-165 584		0003-165 964			

Spark Plug Brushes

wooden handle

SPECIAL



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

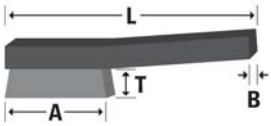
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Brass wire				■		■	

mm						0,20 crimped	RRP				
A	T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
45	18	189	3	18	24	**0003-133 573**					

Spark Plug Brushes

plastic handle

SPECIAL



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Brass wire				■		■	

mm					0,20 crimped	RRP				
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
33	15	180	3	48	**0008-432 573**					

Hand brushes

Battery Terminal Brushes

steel wire

SPECIAL

To clean batteries (pole and clamp cleaning).

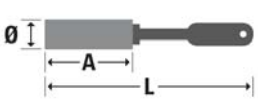
mm				steel wire crimped	RRP				
Ø	T	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
15/ 25	65	120	12	0008-493 100					

Fitting Brushes

steel wire

SPECIAL

To clean the inside of tubes and solder fittings made of copper or red brass.



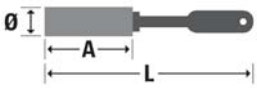
mm				0,20 steel wire	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
13	25	160	12	0003-075 252					
16	25	160	12	0003-075 253					
19	28	160	12	0003-075 254					
23	25	160	12	0003-075 255					

Hole Cleaning Brushes

crimped wire

SPECIAL

To clean the inside of steel, wood or plastic products. To remove chippings and loose particles.

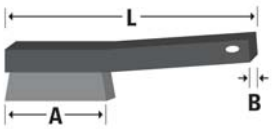


mm				0,20	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
15	100	280	10	**0002-892 215**					
20	100	280	10	**0002-892 220**					
25	100	280	10	**0002-892 225**					

File Brushes

wooden handle

SPECIAL



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■

mm				straight	RRP				
B	L	A	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
28	240	100	12	**0003-140 101**					
40	250	110	12	**0003-140 102**					
12	260	105	12	**3303-140 101** *					

* without pin hole

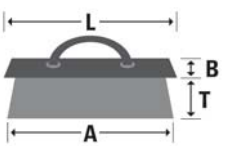
Hand brushes

Butchersbrushes

wooden body

SPECIAL

Wood body with plastic handle.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■

mm						0,35 straight	RRP	0,35 straight	RRP		
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
190	40	205	60	5	10	0281-307 095 *		7601-306 095			

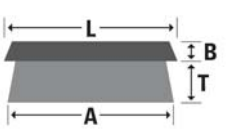
* with board

Butchersbrushes

wooden body

SPECIAL

Violin shape.



USAGE

	wire crimped/smooth	brass	flat wire	scratch strip	Nylon/PVC	natural bristle	phosphorbronze
descaling/paint stripping	■	□	□	■	□	□	□
weld seams	■	□	□	□	□	□	□
etching	□	□	□	□	□	□	■
brushing/dust removal	□	□	■	□	■	■	□
painting	□	□	□	□	□	■	□
light cleaning work	□	■	□	■	■	■	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire	■	■				■	■
Stainless steel			■	■	■		

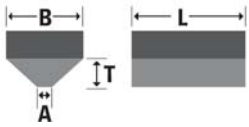
mm					0,35 straight	RRP	0,30 straight brass-coated	RRP	flat wire 1,2x0,25	RRP
A	T	L	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	35	190	5	10					0023-179 197	
170	35	210	5	10	0001-179 097		0001-179 297			

Weed Brushes

wooden handle

SPECIAL

Brush with v-shaped wire-configuration. Removal of moss and weeds on pavements and cobbled zones. With and without bore for handle.



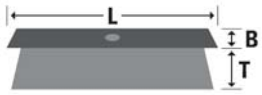
mm						0,35	RRP	0,35	RRP		
A	T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
4	38	100	35	3	25	0001-261 173 *		0011-261 173			

* with bore 24 mm.

Brooms

wooden body

SPECIAL



mm					0,75 x 0,25 flat wire	RRP	1,20 x 0,25 flat wire	RRP	0,50 steel wire	RRP
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	300	60	5	10					0001-102 095	
75	300	60	6	10	0001-102 006		0001-102 016			

Hand brushes

Brooms
wooden body

SPECIAL

Type with Korfil-D to clean very dirty workshop floors.

mm					Korfil-D	RRP				
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	400	60	6	1	0001-104 924 *					
75	700	70	7	1	9711-104 925					

* wooden body coated

Handle Holders
metal

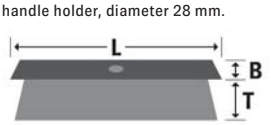
For workshop brooms. Order no. 9711-104 925.

		RRP				
pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1	0003-000 001					

Brooms
wooden body

SPECIAL

With handle holder, diameter 28 mm.

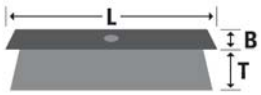


mm					Cocos	RRP	Elaston Red	RRP		
T	L	Rows	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	320		66	5			0004-102 925			
80	290	20	55	20	0003-102 950					
80	600	6	55	6	0003-102 990		0003-102 960			

Scrub Brushes

wooden body

SPECIAL

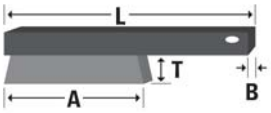


mm					steel wire straight	RRP				
T	L	B	Rows	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
30	210	60	6	10	**0001-122 096**					
40	210	60	7	10	**0001-120 097**					

Dusters

wooden handle

SPECIAL



mm						steel wire straight	RRP	Korfil-D	RRP		
A	T	L	B	Rows	à	Order-No.	€	Order-No.	€	Order-No.	€
150	60	310	35	4	10	**0001-110 114**		**0181-110 924**			

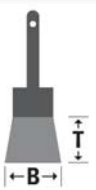
Broomhandle

wood

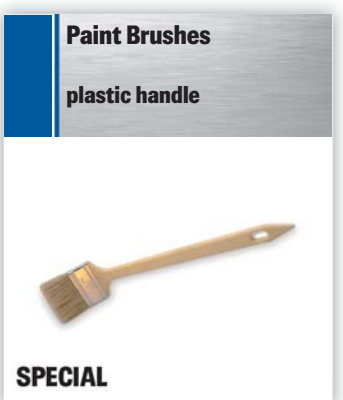
mm			wood	RRP	wood pine	RRP		
Ø	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
28	1400	5	**0003-999 027**					
24	1300	5			**0003-999 026** *			

* with screw

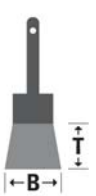
Hand brushes



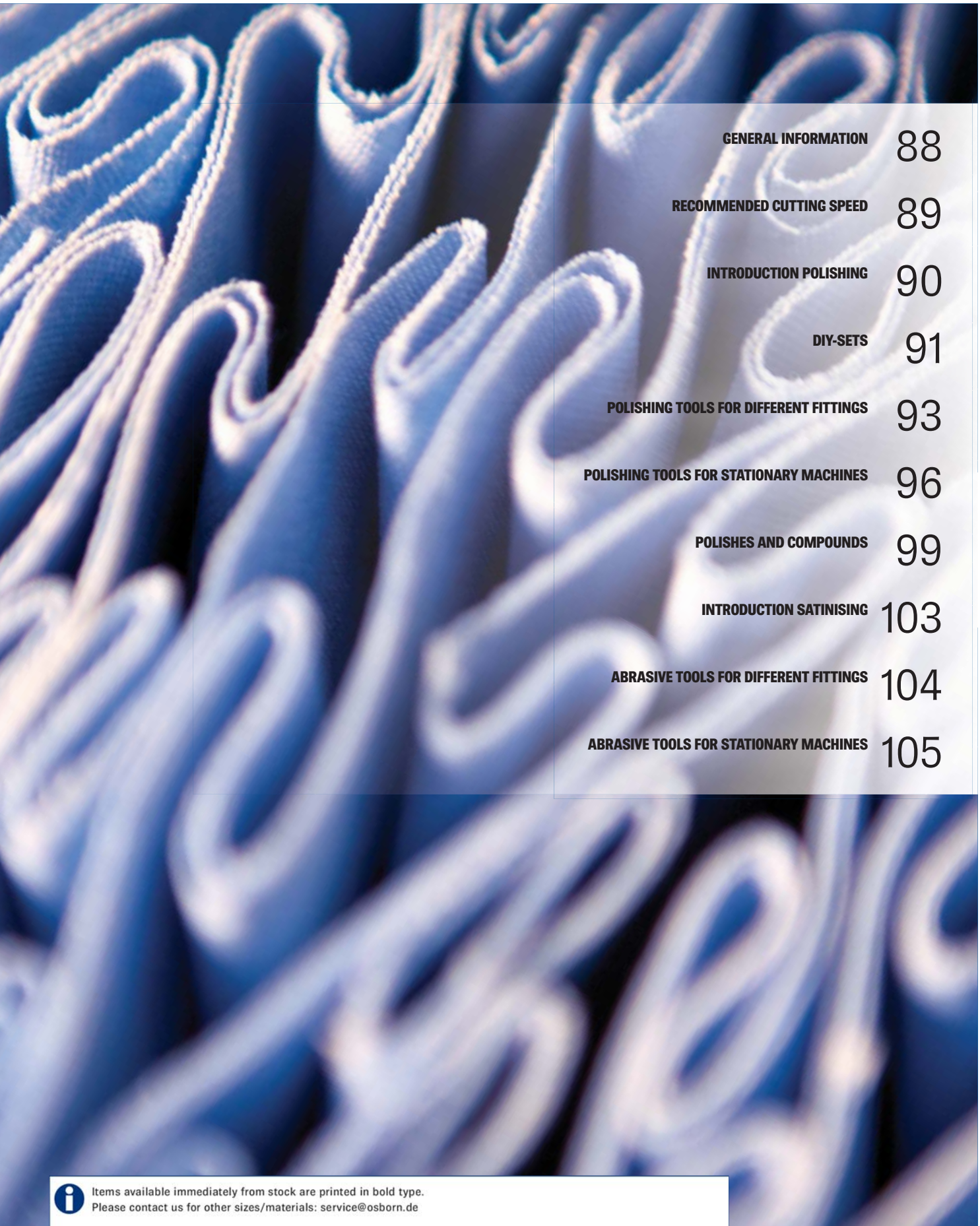
mm				light bristle	RRP				
T	B	Thickness	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
40	20	9	12	**0003-086 102**					
40	30	9	12	**0003-086 103**					
40	40	9	12	**0003-086 104**					
43	50	9	12	**0003-086 105**					



Heating element brush.



mm					light bristle	RRP				
T	B	Thickness	inch	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
42	38		1 1/2"	12	**1003-086 438**					
42	50,8		2"	12	**1003-086 450**					



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PRODUCTINTRODUCTION POLISHING/SATINISING

Fine surface finishing for every application

Professional surface finishing encompasses a complex and broad spectrum of different mechanical finishing processes in which polishing and satinising play a key role.

As a specialist in surface fine machining, Osborn offers a large selection of high-performance tools for all applications associated with polishing and satinising. We have organised our polishing and satinising products in such a way to suit the type of machine used.

The three key techniques for achieving the perfect surface finish:

There are 3 techniques for producing the desired surface finish.

1. Polishing (power tools)

Polishing is intended to **create perfect high-gloss surfaces** and can be performed using a variety of power tools.

Generally, 3 steps are needed:

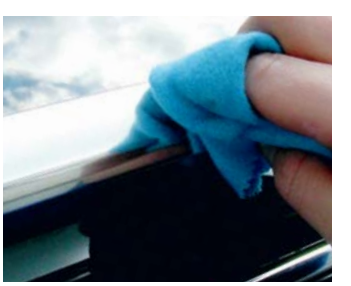
- **Cutting**
- **Polishing**
- **Colouring**

We recommend a combination of different quality polishing cloths and polishing compounds. Please note that polishing compound is a must for polishing.

2. Polishes & compounds

Our compounds supplement our range of surface-polishing tools.

The **polishing compounds can be used for manual or machine polishing** and cover the entire range of surface finishing, from grinding and brushing to cutting and colouring.



Steel, stainless steel, non-ferrous metals, wood, paint and many other surfaces can be finished when combined with the appropriate polishing tool.

3. Satinising (power tools)

The starting point is a high-gloss surface. Through satinising, the high-gloss surface will receive a **matt look. The finishing result may vary (coarse, medium, fine).**

A satinised finish can be created using wet and dry techniques.

Satinising is usually a one-stage process.

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satinising tool.

CUTTING SPEED

Cutting speed

Cutting speed depending on rounds per minute and diameter

	Ø mm									
U/min	**100**	**150**	**200**	**250**	**300**	**350**	**400**	**450**	**500**	
300										m/sec
300										m/sec
400										m/sec
500										m/sec
600						11	12	14	15	m/sec
800				10	12	14	16	18	20	m/sec
1400			14	18	22	25	29	33	36	m/sec
1600		12	16	20	25	29	33	37	41	m/sec
1800		14	18	23	28	33	37	42	47	m/sec
2000	10	15	21	26	31	36	41	47	52	m/sec
2200	12	17	23	28	34	40	46	51	57	m/sec
2400	13	19	25	31	37	44	50	56		m/sec
2600	14	20	27	34	40	47	53			m/sec
2800	15	22	29	36	43	51	58			m/sec
3000	16	23	31	39	47	55	63			m/sec

Economic cutting speeds (average values):

Usage	Cutting speed
Grinding	ca. 30 m/sec
Satinising	ca. 20 m/sec
Cutting	ca. 25–30 m/sec
Polishing of metal	ca. 30–36 m/sec ±15 %
Polishing of metal (strong contours)	ca. 20 m/sec ±10 %
Polishing of plastic	ca. 15 m/sec ±10 %

The higher the number of revolutions per minute (RPM), the harder and less flexible the trim.

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Polishing/Satinising
Introduction polishing

PERFECT POLISHING

Watch the video on YouTube:
www.youtube.com/osbornsolutions

Maximum 3 steps for perfect high-gloss surfaces:

1. Cutting follows surface grinding and removes material. For this reason, cutting is not suitable for soft metals. Working with a sisal cloth ring smoothes out unevenness, removes striae and scratches, and prepares rough and uncoated surfaces for polishing.

2. High-quality polishing removes traces of cutting and further smoothes the surface. The best results can be achieved using our specially developed NOTIFLEX® polishing cloth (outstanding results without unattractive bias stitching where reduced amounts of compound are used). Numerous high quality non-fraying cloth polishing buffs with extended service life are available.

3. Colouring calls for minimal pressure and short finishing times. Again various polishing buffs are available.

Which combination for which result?

The following summary will help you find the best combination of polishing compound and polishing tools needed for each step in finishing each material.

The short version can be found in the info area for each product.

Key to the materials below

1 = Sisal cloth
2 = Notiflex (NTF) 914
3 = Notiflex (NTF) 925
4 = Compound, white
5 = Compound, brown
6 = Compound, blue
7 = Felt 2-stage
8 = Cloth 101
9 = Cloth 290
10 = Felt 3-stage

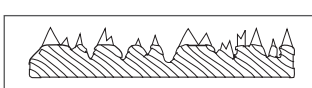
3 STEPS

Polishing as a 3-step process

System using top-quality, patented Notiflex mat without bias stitching.
Suitable for all machines, diameters and bores.

1. Cutting

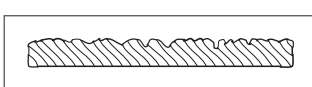
For removing defects and scratches, belt sanding > 280 grit or sisal lines.



Steel	Stainless steel	Aluminium	Brass	Copper
1 o. 10 + 4	1 o. 10 + 4	1 o. 10 + 5	starting with step 2	

2. Polishing

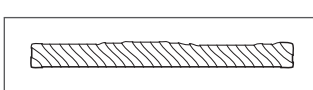
Removing traces of cutting and blending the surface. Important for achieving a flat, high-gloss surface in the next step.



Steel	Stainless steel	Aluminium	Brass	Copper
2 o. 10 + 4	2 o. 10 + 4	2 o. 10 + 5	2 o. 10 + 5	2 o. 10 + 5

3. Colouring

For high-gloss surfaces.



Steel	Stainless steel	Aluminium	Brass	Copper
3 o. 10 + 6	3 o. 10 + 6	3 o. 10 + 6	3 o. 10 + 6	3 o. 10 + 6

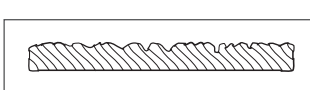
2 STEPS

Polishing as a 2-step process

Suitable for applications where no cutting is needed. Please note: there is a special summary of polishing buffs and compounds for the 2-step method using a satiniser.

1. Polishing

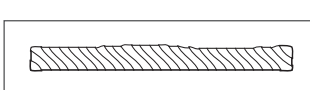
Level the surface. Important for achieving a flat, high-gloss surface in the next step.



Steel	Stainless steel	Aluminium	Brass	Copper
7 + 4	7 + 4	7 + 5	7 + 5	7 + 5

2. Colouring

For high-gloss surfaces.



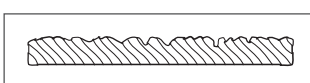
Steel	Stainless steel	Aluminium	Brass	Copper
8 + 6	8 + 6	8 + 6	8 + 6	8 + 6

1 STEP

Polishing as a 1-step process

1. Polishing and finishing

For low-gloss effects (not high gloss)



Steel	Stainless steel	Aluminium	Brass	Copper
9 + 4	9 + 4	9 + 5	9 + 5	9 + 5

Polishing Kit DIY

The 6-piece kit contains everything you need for the 2-stage polishing process: polishing mop, felt, drive arbor, compound for polishing and colouring.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	7 / 4	7 / 4	7 / 5	7 / 5	7 / 5
Colouring	8 / 6	8 / 6	8 / 6	8 / 6	8 / 6

mm Ø	B	rpm (max.)	pcs.	Polishing kit 2-stage Order-No.	RRP €
85/80	10	4000	5	**1203600000**	

Contents	pcs.
felt, 2-stage	1
101 buffs	1
compound: white, brown, blue	1
tampered shank	1

Polishing Kit professional

The 10-piece kit contains everything you need for the 3-stage polishing process: Polishing buffs, drive arbor, compound for cutting, polishing and colouring.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	■	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Cutting	1 / 4	1 / 4	1 / 5	starting with step polishing	
Polishing	2 / 4	2 / 4	2 / 5	2 / 5	2 / 5
Colouring	3 / 6	3 / 6	3 / 6	3 / 6	3 / 6

mm Ø	B	rpm (max.)	pcs.	Polishing kit 3-stage Order-No.	RRP €
100	10	4000	6	**8603600010**	

Contents	pcs.
sisal cloth	2
NTF914	2
NTF925	2
compound: white, brown, blue	1
tampered shank	1

Satinising Kit professional

The 4-part kit contains three satinising buffs (coarse, medium, fine) and a drive arbor.

USAGE

	coarse	medium	fine	superfine
Satinising	□	■	■	□
Deoxidising	■	□	□	□
Light grinding	□	■	■	□
Light deburring	■	□	□	□
Blending	□	□	□	■
Fine grinding	□	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
coarse					
medium					
fine					

mm Ø	B	rpm (max.)	pcs.	Satinising Kit Order-No.	RRP €
100	10	4000	6	**8603600004**	

Contents	pcs.
coarse non woven	1
medium non woven	1
fine non woven	1
tampered shank	1

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Polishing/Satinising
DIY-Sets

Acrylic Polishing Kit
liquid

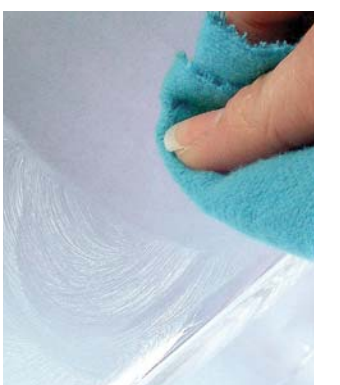
	Acrylic Polishing Kit	RRP
à	Order-No.	€
10	1203600001	

The 4-part kit contains Dur Plast polish, sandpaper, sponge and polishing cloth.

SANDING.

APPLYING.

RUBBING.



POLISHING.

Metal Polishing Kit
liquid

	Metal Polishing Kit	RRP
à	Order-No.	€
10	1203600002	

The 3-part kit contains Metal polish polish, sponge and polishing cloth.

Polishing Buffs

cloth or fleece

Material is fixed in a toothed metal ring.
The polishing buff is clamped using conical spring washers.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	■	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Cutting	1 ↔ 4	1 ↔ 4	1 ↔ 5	starting with step polishing	
Polishing	2 ↔ 4	2 ↔ 4	2 ↔ 5	2 ↔ 5	2 ↔ 5
Colouring	3 ↔ 6	3 ↔ 6	3 ↔ 6	3 ↔ 6	3 ↔ 6

mm Ø	mm A	B	max. rpm	pcs.	1 sisal cloth Order-No.	RRP €	2 NTF914 Order-No.	RRP €	3 NTF925 Order-No.	RRP €
100	17	10	4000	10	**8203100944**					
100	15	10	4000	5*			**8203100914**			
100	10	10	4000	5*					**8203100925**	
150	17	14	3000	10	**8203150944**					
150	15	14	3000	5*			**8203150914**			
150	10	14	3000	5*					**8203150925**	
200	17	14	3000	10	**8211201944**					
200	15	14	3000	5*			**8203200914**			
200	10	14	3000	5*					**8203200925**	

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.

Tapered Shanks

Conical shaft for angle polisher for tensioning polishing and satinising buffs with bores from 14 mm to 150 mm dia.

mm A	mm G	pcs.	Order-No.	RRP €
15-30	M14	8	**1203300003**	
15-50	M14	8	**1213300003**	

Tapered Shanks

Tapered shank for power drill or flexible shaft for clamping polishing and satinising buffs with bores from 10 mm to 100 dia.

mm A	mm S	pcs.	Order-No.	RRP €
10-35	6	4	**8103800224**	

Polishing Buffs

cloth or fleece

Material is fixed in a toothed metal ring.
The polishing buff is clamped using conical spring washers.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	■	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Cutting	1 ↔ 4	1 ↔ 4	1 ↔ 5	starting with step polishing	
Polishing	2 ↔ 4	2 ↔ 4	2 ↔ 5	2 ↔ 5	2 ↔ 5
Colouring	3 ↔ 6	3 ↔ 6	3 ↔ 6	3 ↔ 6	3 ↔ 6

mm Ø	mm A	B	max. rpm	pcs.	1 sisal cloth Order-No.	RRP €	2 NTF914 Order-No.	RRP €	3 NTF925 Order-No.	RRP €
100	17	19/6	4000	10	2103100944					
100	15	19/6	4000	5*			2103100914			
100	10	19/6	4000	5*					2103100925	

* Here, 5 pcs. correspond to 10 buffs, because our Notiflex buffs are supplied in 2-buff sets.

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Polishing/Satinising
Polishing tools for different fittings

Polishing Buffs
cloth

The polishing buff is clamped using conical spring washers.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	□	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	9	9	9	9	9
	4	4	5	5	5
Colouring	8	8	8	8	8
	6	6	6	6	6

mm	mm		max.		9 cloth 290	RRP	8 cloth 101	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€
100	17	19/6	4000	10	**1903100290**		**1903100101**	

Polishing Buffs
cloth or fleece

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	□	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing	7	7	7	7	7
	4	4	5	5	5
Colouring	8	8	8	8	8
	6	6	6	6	6

mm	mm		mm	max.		7 fleece 2 stufig	RRP	8 cloth 101	RRP
Ø	A	B	S	rpm	pcs.	Order-No.	€	Order-No.	€
85	15	10		4000	10	1503015085			
80	10	10		4000	10			2103080101	
80	10		6	4000	12			1903080101	
100	10	10		4000	10			2103100101	

Polishing Buffs
cloth or fleece

Material is fixed in a toothed metal ring.

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	□	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Polishing and finish	9	9	9	9	9
	6	6	6	6	6

mm	mm		mm	max.		9 – polishing cloth 290	RRP
Ø	A	B	S	rpm	pcs.	Order-No.	€
80	10	10		4000	10	2103080290	
80	10		6	4000	12	**1903080290**	
100	10	10		4000	10	2103100290	

Polishing Buffs
sisal

For Cutting, removing defects and scratches. Developed for usage on cordless power tools: Low weight, precise working without vibrations. Due to the weight reduction the battery life can be prolonged between 20–25%. You can work longer and reduce the charging cycles of your power tool.

battery friendly

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	■	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Cutting	1	1	1	starting with step polishing	
	4	4	6		

mm		max.		1 sisal cloth	RRP
Ø	G	rpm	pcs.	Order-No.	€
100	M14	9000	7	**L940030842**	

Developed for usage on cordless power tools!

Polishing Buffs
cloth Notiflex 925

For Colouring (high-gloss surface). Developed for usage on cordless power tools: Low weight, precise working without vibrations. Due to the weight reduction the battery life can be prolonged between 20–25%. You can work longer and reduce the charging cycles of your power tool.

battery friendly

USAGE

	Felt, 2-stage, 7	Felt, 3-stage, 10	Cloth 290, 9	Cloth 101, 8	Sisal cloth, 1	NTF914 2	NTF925 3
1. Cutting	□	■	□	□	■	■	□
2. Polishing	■	■	■	□	□	■	□
3. Colouring	■	■	■	■	□	□	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
Colouring	3	3	3	3	3
	6	6	6	6	6

mm		max.		3 NTF925	RRP
Ø	G	rpm	pcs.	Order-No.	€
100	M14	9.000	7	**L911000436**	

Developed for usage on cordless power tools!

More information and further accessories for cordless power tools see pages 36–38 and 104.

Polishing/Satinising
Polishing tools for stationary machines

Wave Buffs
sisal and cloth

Wave Buffs are corrugated waves of cotton cloth or sisal-cloth fixed around a metal clinch ring. This uniform construction ensures a long service life, high polishing action and a cool air effect.
Applications: in combination with Osborn compounds, flat parts, pots & pans can be polished and finished, this product is also suitable for removing dust after sanding wood. The construction prevents the working surface from becoming too hot, ideal conditions for a perfect finish. Wave buffs are the chosen product when machine oscillation is not available.

Cutting sisal/cloth

mm					sisal/cloth	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€
300	3	80		5	L043310093	
350	3	130	H2	5	L043310047	
350	3	130	H5A	5	L043310025	
360	3	130		5	L043310189	

Cutting cotton

mm					medium	RRP	medium hard	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€
300	16	80		5	L013300214			
350	16	130		5			L013300348	

Cloth Type	Properties
TT	hard orange
DF590	stiff green
308	medium hard
290	medium
215	medium soft
101A	soft
MO5	molton

Airflow Buffs
cloth

These general purpose buffs are manufactured with irregular folds clasped in a metal clinch ring. This is our standard, most cost effective buff for nearly all polishing and finishing applications. Buffs can be mounted together on a shaft to achieve any required width. Some trim materials can be treated for a stiffer buff and extended service life.

Cutting

mm					sisal/cloth	RRP	medium hard	UVP	hard orange	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
400	16	130		5	L000000962					
400	16	130	HSE	5	L043090792					
400	16	130		5			L013030989		L013033828	

Polishing

mm					medium	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€
400	16	130		5	L013030179	

Colouring

mm					molton	RRP	soft	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€
400	16	130		5	L013030901		L000006338	

Cloth Type	Properties
TT	hard orange
DF590	stiff green
308	medium hard
290	medium
215	medium soft
101A	soft
MO5	molton

Pleated Buffs

cloth

Cloth is folded with regular pleats, arranged and fixed around a cardboard core. Pleated Buffs are used for polishing and finishing particularly complex parts. These buffs combine a cool air effect with great resilience. To process a wider part, several buffs can be ganged together. The uniform folds guarantee excellent results, with high compound retention and a long service life. Different trim quality is available depending on whether the process is polishing or colouring.

Cutting

mm					medium hard	RRP	stiff green	RRP	hard orange	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
300	16	80		5	**L113010745**		**L113010744**		**L113010743**	
350	16	130		5	**L012022230**		**L012021731**		**L113010746**	

Polishing

mm					medium soft	RRP	medium	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€
300	16	80		5	**L013010167**		**L012022605**	
350	16	130		5	**L012021660**		**L012022573**	

Colouring

mm					Molton	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€
300	16	80		5	**L012021292**	
350	16	130		5	**L012022404**	

Cloth Type	Properties
TT	hard orange
DF590	stiff green
308	medium hard
290	medium
215	medium soft
101A	soft
M05	molton

Airflow Buffs

sisal

Open structured biased sisal web is clasped in a metal clinch ring. Close stitching results in a very hard buff creating minimum dust when in operation. Sisal airflow buffs are the most cost effective solution for all cutting operations whether processing: pan lids, stainless steel, aluminum or non-ferrous metal surfaces, builder's hardware, car parts or household appliances.

mm					SiFN	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€
350	10	130		5	**L023060786**	

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Polishing/Satinising
Polishing tools for stationary machines

Airflow Buffs

sisal cord

mm					48	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€
300	4	80	H5A	5	L033440041	
300	4	80		5	L033440201	
400	4	130	V66	5	L033440645	
400	4	130		5	L000020899	

Sisal cord strands are arranged and held by the metal clinch ring. This is an extremely flexible product, remaining cool in operation and ideal for the cutting operation on highly contoured parts. Service life and stiffness can be extended by adding special treatments.

Centre-Plates

mm			K80 A2T	RRP
Ø	Reduced to	pcs.	Order-No.	€
80	20	2	L800000126	
80	22	2	L000044060	
80	25	2	L800000008	
80	35	2	L800000046	
80	45	2	L800000048	
80	50	2	L800000084	
80	2" (50,8)	2	L800000119	
130	22	2	4403022130	
130	30	2	L800000066	
130	35	2	L000002066	
130	60	2	L800000029	
130	80	2	L800000055	

Airflows, pleated buffs and wave buffs are most economically manufactured on a metal clinch ring.
The inside diameter of the clench ring may fit precisely on the machine shaft, more commonly the inside diameter can be reduced to the correct bore size with reusable metal centre-plates.

The right compound for your finishing stept

Polishing compounds are essential for all polishing jobs because they contain the necessary ingredients to achieve a particular surface finish.

It is also important to select the correct polishing compound for the desired surface finish.

Important note:

No polishing compound is needed for satinising because the abrasive particles are already embedded in the base material of the satinising tool.

The right polish for your lacquer
Polishes ensure a professional result for lacquer finishes. They are designed for the professional finishing of all lacquer types.

Our polishes come in different varieties, depending on the finishing step.

Details are given on the following pages.

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Important user information

Polishes and compounds – the key to a perfect polishing result

What to look for when selecting the right polish:

1. General user information

Our polishes are intended for the professional finishing of all lacquer types. Different compounds are available for different finishing steps. Details are given in the figures below.

2. Polish types and applications

Strong Cut

High-efficiency abrasive compound for **scratches** and **damage** that can still be repaired. For the **second step,** we recommend **Nano-Polish.**

Cut

Fine abrasive compound for all **wear/ weathering marks in older** paints. For a deep gloss, we recommend using **Nano-Polish in the second step.**

Complete

Fine abrasive compound to remove all **wear/weathering marks** in all kinds of paint. For dark paint, we recommend using **Finish in the second step.**

Complete Plus

Especially for small scratches and for reviving surfaces. **For dark lacquer we recommend Finish as second step.**

Finish

Ideal for the **hologram-free** removal of tiny **scratches and films** on conventional and fresh paints. Brings a deep and brilliant gloss to dark lacquer.

Nano-Polish

Especially suitable for the new generation of scratch-resistant lacquer. For removing tiny **scratches, holograms** and **films** to give a deep and brilliant gloss.

3. Detailed information

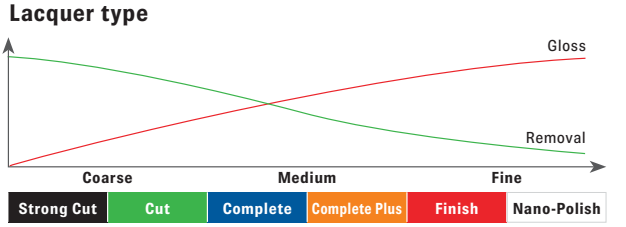
Rotational speed

rotating (n=rpm)	1500–2000	1500–2000	1500–2000	1500–2000	1500–2000	1500–2000
eccentric (n=rpm)	2000–10000	2000–10000	2000–10000	2000–10000	2000–10000	2000–10000
Finishing flaws						
Orange peel	✓	✓	✓	✓	✓	✓
Holograms	–	–	–	–	✓	✓
Scratches	✓	✓	✓	✓	✓	✓
Weathering	–	✓	✓	✓	–	
For OEMs						
Paint runs	–	–	–	✓	✓	✓
Dirt inclusions	–	–	–	✓	✓	✓

Use/Lacquer type

Conventional type	1.500	2.000	2.000–3.000	2.000–3.000	3.000–4.000	2.500-4.000	rpm
Scratch resistant paint	–	2.000	2.500	2.500	3.500–4.000	3.000-4.000	rpm
Fresh paint	1.500	2.000	2.000–3.000	2.000–3.000	3.000–4.000	2.500-4.000	rpm
With Pad*	orange	orange/blue	orange/blue	orange/blue	black	black	
Properties	hard	medium	medium	medium	soft	soft	
With lambskin*	✓	✓	✓	✓	–	–	

Lacquer type



		Strong Cut	RRP	Cut	RRP	Complete	RRP	Complete Plus	RRP	Finish	RRP	Nano-Polish	RRP
ml	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
1000	8	L699940320		L699740250		L699940250		L699940260		L699740340		L699940340	

* Pads and lambskin can be obtained from good accessory dealers.

Important:
We recommend first trying in an inconspicuous spot.

Polishes
liquid

		Dur Plast	RRP
ml	pcs.	Order-No.	€
50	10	**2103002101**	
1000	6	**L669002101**	

For non-grained hard plastics, plexiglass or macrolon, polyester, acryl. Do not use on coated visors.

		Metal Polish	RRP
ml	pcs.	Order-No.	€
50	10	**2103002102**	
1000	6	**L669002102**	

For chrome, aluminum, silver, stainless steel, brass, copper, tin and hard plastic materials.

Polishing Compounds
solid

USAGE

	Steel	Stainless steel	Aluminium	Brass	Copper
white (cutting)	■	■	□	□	□
white (polishing)	■	■	■	□	□
brown (cutting)	□	□	□	■	□
brown (polishing)	□	□	■	■	■
blue (colouring)	■	■	■	■	■

		4 white	RRP	5 brown	RRP	6 blue	RRP
gr.	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
110	15	**2103005333**		**2103007012**		**2103000461**	

For our comprehensive standard compounds assortment please see next page.

OSBORN
CLASSIC® COMPOUND RANGE

Osborn Classic® Compounds are top selling products taken from the former Unipol® and Langsol® ranges. The 14 compounds achieve excellent results whether brushing, polishing, colouring or superfinishing on aluminium, stainless steel, non-ferrous or plastic. They can be used together with all buffs in the Osborn range in a one-step or multi-step process.

								Apply on				Matrix		
Process	Colour	Type	Name	Description	pcs.	Order-No.	RRP €	Aluminium	Stainless	Non-ferrous	Plastics	fat 1=low, 10=high	cut 1=low, 10=high	gloss 1=low,10=high
Brushing	grey	39.038.1	B1000	Greasy, abrasive general brushing compound for deburring and satin finishing	1	**L779840010**		X	X	X		8	9	3
Polishing	brown	7012	P1000	Cutting compound for brass, high cut and medium gloss	1	**L779007012**				X	X	4	8	4
	brown	2.292	P2000	All-round cutting compound for lead-free brass, zinc; achieves glossy and line-free surface	1	**L779132001**		X		X		3	7	5
	white	5333	P3000	All-purpose cutting compound for stainless steel, use with sisal buffs	1	**L779005333**			X			6	8	4
	light green	2043 JF	P4000	All-purpose cutting compound for stainless steel, use with cotton buffs	1	**L779930401**			X		X	6	7	4
	blue	466	P5000	Cut & colour compound for aluminium, stainless brass and zinc; one-step polishing process	1	**L779000466**		X		X		4	6	6
	orange	Edelgelb	P6000	Cut & colour compound for aluminium, with high fat content for line-free surface, easy degreasing	1	**L779840130**		X				4	4	6
	dark pink	433	P7000	Cut & colour compound for aluminium, stainless brass and zinc; higher gloss than P5000	1	**L779000433**		X	X	X		3	6	7
	white	G65	P8000	All-round polishing compound for lacquers and plastics	1	**L779001385**					X	3	4	6
Colouring	beige	9216	C1000	Colouring compound for all lacquers and plastics when higher gloss required	1	**L779920160**					X	2	3	7
	blue	462	C2000	All-round colouring compound, ideal for stainless steel	1	**L779000462**			X			2	3	8
	light pink	1003A	C3000	All-round colouring compound, ideal for aluminium, zinc and stainless steel	1	**L779191001**		X	X	X		3	3	8
Super finish	yellow	SA 175	F1000	High end colouring compound achieves a dark shine	1	**L779000175**			X	X	X	2	2	9
	light orange	Gold easy	F2000	Top colouring compound for a deep line-free gloss	1	**L779009510**			X		X	1	1	10

1 piece = approx. 1.000 – 1.200 g

PERFECT SATINISING

Hier youtube-Video ansehen.
www.youtube.com/osbornsolutions

Satinising is a one-stage system for creating flat surfaces. The main considerations when selecting the satinising buff are what the original high-gloss surface should look like after the satinising process.

There are three possible finish grades when satinising a surface.

Coarse brush stroke

Medium brush stroke

Fine brush stroke

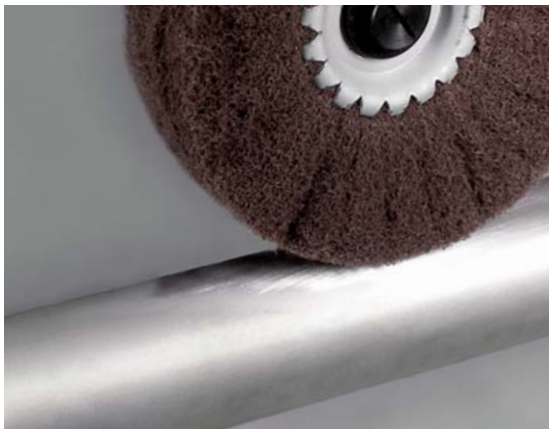
Important note

Non-woven abrasive tools are used without polishing compound because the abrasive particles are already embedded in the base material of the satiniser.

These tools made of matted material containing abrasive particles are characterised by an open and flexible structure. They are self-sharpening and can be used in wet and dry applications.

Because they can also be used with hand-held tools, they are ideal for a wide range of applications, from satinising to deoxydising to superfine grinding.

Our non-woven abrasive tools are available in different grades and sizes, depending on their purpose.



Finding the right tool

Please check your product choice using the information in the info heading. This will tell you the machine for each product and its suitability, as well as providing a summary of the available carrier material grades (grits) suitable for the material being finished.

USAGE

	coarse	medium	fine	superfine
Satinising	☐	■	■	☐
Desoxydising	■	☐	☐	☐
Light grinding	☐	■	■	☐
Light deburring	■	☐	☐	☐
Blending	☐	☐	☐	■
Fine Grinding	☐	☐	☐	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
coarse					
medium					
fine					
superfine					

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Polishing/Satinising
Abrasive tools for different fittings

Satinising Buffs
non-woven

Material is fixed in a toothed metal ring. The satiniser buff is clamped using conical spring washers.

USAGE

	coarse	medium	fine	superfine
Satinising	☐	■	■	☐
Deoxidising	■	☐	☐	☐
Light grinding	☐	■	■	☐
Light deburring	■	☐	☐	☐
Blending	☐	☐	☐	■
Fine grinding	☐	☐	☐	■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	■	■	■	■	■
medium	■	■	■	■	■
fine	■	■	■	■	■

mm	mm		max.		coarse	RRP	medium	RRP	fine	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	23	10	4000	10	8203100934					
100	30	10	4000	10			8203100936		8203100947	
150	25	14	3000	10	8203150934					
150	30	14	3000	10			8203150936		8203150947	
200	25	14	3000	10	8203200934					
200	30	14	3000	10			8203200936		8203200947	

Tapered Shanks

Conical shaft for angle polisher for tensioning polishing and satinising buffs with bores from 14 mm to 150 mm dia.

mm				RRP
A	G	pcs.	Order-No.	€
15-30	M14	8	1203300003	
15-50	M14	8	1213300003	

Tapered Shanks

Tapered shank for power drill or flexible shaft for clamping polishing and satinising buffs with bores from 10 mm to 100 dia.

mm	mm			RRP
A	S	pcs.	Order-No.	€
10-35	6	4	8103800224	

Satinising Buff
non-woven

For satinising, desoxydising, light grinding/deburring, blending and fine grinding. Surface will be have a fine, matt finish. Can be used in wet and dry processes. Don't use polishing compound.
Developed for usage on cordless power tools: Low weight, precise working without vibrations. Due to the weight reduction the battery life can be prolonged between 20–25%. You can work longer and reduce the charging cycles of your power tool.

battery friendly

USAGE

	coarse	medium	fine	superfine
Satinising	☐	■	■	☐
Deoxidising	■	☐	■	☐
Light grinding	☐	■	■	☐
Light deburring	■	☐	■	☐
Blending	☐	☐	■	■
Fine grinding	☐	☐	■	■
				■

TRIM AND MATERIAL

Product available with	Steel	Stainless steel	Aluminium	Brass	Copper
coarse	■	■	■	■	■
medium	■	■	■	■	■
fine	■	■	■	■	■

mm		max.		fine	RRP
Ø	G	rpm	pcs.	Order-No.	€
100	M14	9.000	7	L960030577	

Developed for usage on cordless power tools!

More information on cordless powertool accessories see pages 36–38 and 95.

Airflow Buffs

non-woven

mm					A2 coarse	RRP	A4 medium	RRP	A6 fine	RRP	A7 very fine	RRP
Ø	Layers	B	Treatment	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
300	4	80		5	**L063800285**		**L063800261**		**L063800259**		**L063800288**	
350	4	130		5			**L063800214**		**L063800137**			

A variety of abrasive non-woven materials can also be used in the form of airflows, with layers of material gathered around a metal clinch ring. Best results are obtained at low RPM with minimum buff pressure, this also ensures long life.
Applications: all satinising operations, on both manual and automatic machines.

Lipprite Wheel

mm	mm		max.		K80 A2T	RRP	K100 A4T	RRP	K180 A6T	RRP	K280 A	RRP
Ø	L	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
150	25	1"	3200	1	L81545202E		L50452008E		L81545231E		L81545247E	
200	50	3"	2400	1	**L000014507**		**L068011347**		**L000042624**		**L68013206J**	

The abrasive flaps are bonded radially to a phenolic tube. The three dimensional open web ensures a „self-cleaning action" for easy removal of surface contamination or to obtain a decorative finish.
Ideal for cleaning profi led or irregular parts, suitable to obtain an aesthetic finish.

Lipprox Wheel

mm	mm		max.		aluminium A4T C1H7	RRP	aluminium A6T C1H7	RRP	SIC S6T C2H7	RRP	SIC S7T C2H7	RRP
Ø	L	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
150	13	1"	3200	1	L15451408A		L15451431A		L15452433A		L15452448A	
150	25	1"	3200	1	L15451408E		L15451431E		L15452433E		L15452448E	
200	13	3"	2400	1	L50901408A		L50901431A		L68014192A		L50902448A	
200	25	3"	2400	1	L50901408E		L50901431E		L68014192E		L50902448E	

The abrasive web is wound around a phenolic tube and treated, this ensures constant hardness and abrasiveness over the life of the product. Lipprox are perfect for light deburring.
Suitable for light deburring and fast achievement technical surface finish. The product is clearly marked with a directional arrow and must rotate in the direction shown.

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Polishing/Satinising
Abrasive tools for stationary machines

SLK – Coated Abrasive Flap Wheels
abrasive

Top quality coated abrasive flaps, in a selection of grades mounted around a core. Several defined sizes are available. Recommended for grinding formed parts in preparation for polishing. Applications: grinding steel tubes, grinding pots & pans or iron soles prior to polishing.

mm				K40	RRP	K60	RRP	K80	RRP	K120	RRP
Ø	A	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€	Order-No.	€
165	50	54	1	0043160050		0063160050				0123160050	
165	50	54	1					0083160050			

Other dimensions on request.

Rolls
non-woven

Rolls of raw abrasive non-woven material in various grades and widths. Applications include general finishing or cleaning of weld seams.

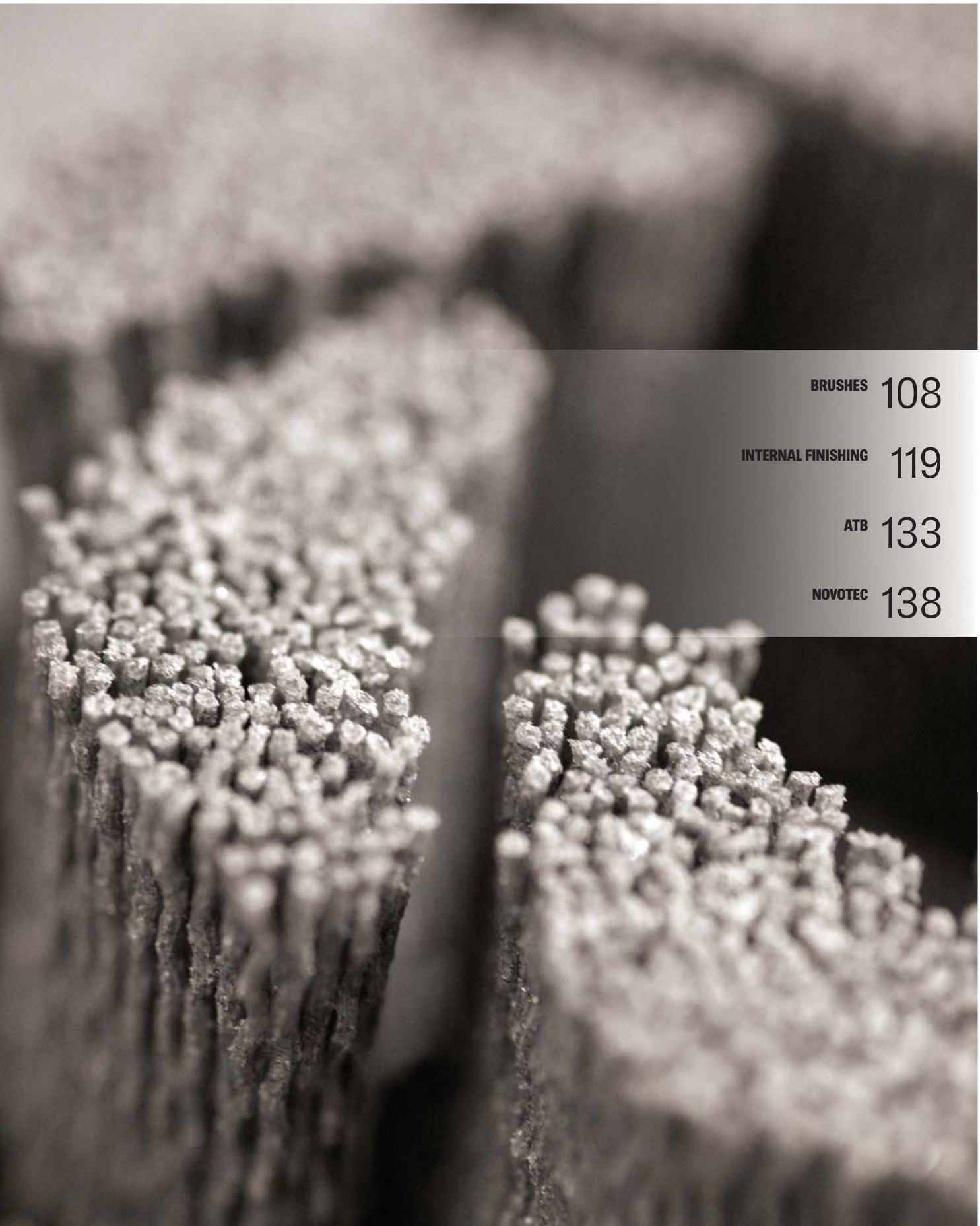
mm	mm		A4 medium	RRP	A6 fine	RRP	A6 vevry fine	RRP
L	B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10000	115	1	L063330245		L063330127		L063330132	

Please note, satin finishing rollers can be found in the chapter machinebrushes on page 70/71.

Centre-Plates

Airflows, pleated buffs and wave buffs are most economically manufactured on a metal clinch ring.
The inside diameter of the clench ring may fit precisely on the machine shaft, more commonly the inside diameter can be reduced to the correct bore size with reusable metal centre-plates.

mm			K80 A2T	RRP
Ø	Reduced to	pcs.	Order-No.	€
80	20	2	L800000126	
80	22	2	L000044060	
80	25	2	L800000008	
80	35	2	L800000046	
80	45	2	L800000048	
80	50	2	L800000084	
80	2" (50,8)	2	L800000119	
130	22	2	4403022130	
130	30	2	L800000066	
130	35	2	L000002066	
130	60	2	L800000029	
130	80	2	L800000055	



BRUSHES 108

INTERNAL FINISHING 119

ATB 133

NOVOTEC 138

Important user information

Brushes for stationary machines

To be noted when selecting brushes and using stationary machines:

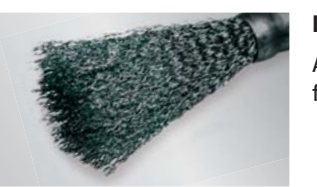
1. General user information

Bruhes for stationary machines are suitable for bench deburrers, double grinders and special deburring machines.

2. Typical brushes for stationary machines

Wheel brushes

Available with knotted and crimped wire, as well as abrasive filaments.



End brushes

Available for brush heads for cut edge finishing.

Standard bores for single-row brushes

We can change the standard bores according to your adapter.

tPlease see the below table to define the articles for standard bores for single-row brushes.

			0002007413	0002007415	0002007416	0002007419	0002007420	0002007422	0002007425	0002007430	0002007431	0002007432	0002007435	0002007438	0002007440	0002007444	0002007450
Ø Brush		Ø Bore (mm)	13	15,9	16	19	20	22,2	25,4	30	31,75	32	35	38	40	44	50,8
mm	"	Zoll / Inch (")		5/8"		3/4"		7/8"	1"		1 1/4"						2"
75	3		✓														
100	4		✓	✓	✓	✓	✓										
125	5		✓	✓	✓	✓	✓	✓	✓	✓	✓						
150	6		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
178	7		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
200	8					✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
250	10						✓	✓	✓	✓	✓	✓	✓		✓		✓
300	12								✓	✓	✓	✓	✓		✓		✓
350	14										✓	✓	✓		✓		✓

Brushes altered to bore 50,8/2" can be further reduced by 4M adapters with keyways.

Standard bores for multiple-row brushes

Via pipe mounted multiple-row brushes are reduced through assembly of our on stock robust metal adapters.
Please see below table for available adapters according to pipe diameter.
Article numbers always start with 000200- and the respectible individual article number of the adapter is to be added to it in your order.

Ø Pipe		Ø Bore (mm)	9,53	10	12,7	13	16	19	20	22,2	25,4	30	31,8	32	35	40	50,8
mm	"	Zoll / Inch (")	3/8"		1/2"		5/8"	3/4"		7/8"	1"		1 1/4"				2"
20			8109	8110	8112	8113	8116										
30			8209	8210	8212	8213	8216	8219	8220	8222	8225						
50,8	2				8412	8413	8416	8419	8420	8422	8425	8430	8431	8432	8435		
80							8616	8619	8620	8622	8625	8630	8631	8632	8635	8640	8642
100									8720	8722	8725	8730	8731	8732	8735	8740	8742
120											8825	8830	8831	8832	8835	8840	8842

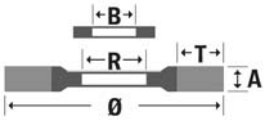
In case of doubt, don't hesitate to contact our Sales staff. We are happy to support you.

Important: If you don't state another bore with your order, the brush will be delivered to you with standard bore „B min".

Wheel brushes

knotted wire

High performance version with knotted wire for demanding cleaning work and deburring.



USAGE

	0,26	0,35	0,50	0,60	0,80
roughening	□	□	■	■	■
planing	■	■	□	□	□
deburring	■	■	□	□	□
edge honing	■	■	□	□	□
structuring	□	□	□	□	□
descaling/paint stripping	■	■	■	■	■
weld seams	■	■	■	■	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire twist knot	■	■					

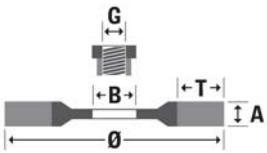
mm							0,35	RRP	0,50	RRP	0,80	RRP
Ø	A	T	B min.	B max.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	13	42	20	40	8500	1	0002-664 131		**0002-664 151**		0002-664 181	
200	26	42	50,8	50,8	8500	1			**0002-664 152**			
250	15	42	25,4	40	4500	2	0002-676 131		**0002-676 151**		0002-676 181	
300	18	55	25,4	40	3600	2	0002-686 131		**0002-686 151**		0002-686 181	

For other bore sizes, see table "Standard bore for single-row brushes" on page 108.

Joint brushes

knotted wire

For road building to clean expansion joints/ gaps and narrow spots with thin working width.



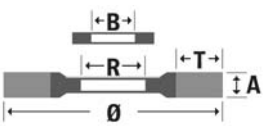
mm						0,50	RRP	0,80	RRP		
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
300	4	65	20	4500	6	**9802-026 560**					
300	6	65	20	4500	6	**9802-026 561**		**9802-026 581**			
300	8	65	20	4500	6	**9802-026 562**		**9802-026 582**			
300	10	65	20	4500	6	**9802-026 563**		**9802-026 583**			

For other bore sizes, see table "Standard bore for single-row brushes" on page 108.

Brushtechnology Industrial
Brushes

Wheel brushes
crimped wire

Narrow version for easy self-installation to achieve larger working widths.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm							0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	11	15	13	13	10000	5			**0002-511 161**			
100	13	23	13	20	8000	8	**0002-522 141**		**0002-522 161**			
125	15	35	13	20	6000	5			**0002-532 161**			
150	16	32	13	20	6000	4	**0002-544 141**					
150	16	32	13	20	6000	8			**0002-544 161**			
178	18	45	13	32	6000	4	0002-554 141					
178	18	45	13	32	6000	8			**0002-554 161**			
200	19	38	19	32	4500	1			**0002-566 161**			
200	19	38	19	50,8	3000	2	0002-566 141					
250	22	35	20	50,8	3600	2	0002-576 141		0002-576 161			
300	26	58	20	50,8	3000	1			0002-587 161			

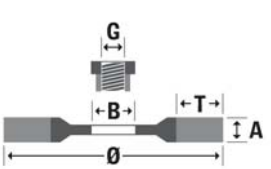
For other bore sizes, see table "Standard bore for single-row brushes" on page 108.

mm							0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	13	23	13	20	8000	8	**0002-522 341**		**0002-522 361**			
125	15	35	13	20	6000	5			**0002-532 361**			
150	16	32	13	32	6000	3	**0002-544 341**		**0002-544 361**			
178	18	45	13	32	6000	4	0002-554 341		0002-554 361			
200	19	38	19	50,8	4500	2			**0002-566 361**			
250	22	35	20	50,8	3600	2	0002-576 341		0002-576 361			
300	26	58	20	50,8	3000	2	0002-587 341					

For other bore sizes, see table "Standard bore for single-row brushes" on page 108.

Band-saw-brush

To remove chips on the band saw or circular saw blades in order to protect the teeth. Increases the service life of the saw blade and optimizes cutting accuracy. Nylon trim for plastics and wood.

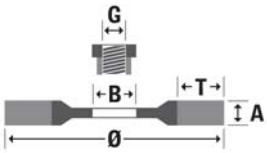


mm						Nylon 0,80	RRP				
Ø	A	T	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
100	15	20	13	8000	10	**0003-515 827**					

Wheel brushes

crimped Osborn wire

Narrow version for easy self-installation to achieve larger working widths, combining several brushes on one shaft. Specially hardened wire for industrial applications.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm					max.	pcs.	Osborn 0,15	RRP	Osborn 0,20	RRP	Osborn 0,30	RRP
Ø	A	T	B	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
200	18	38	50,8	1-A	4500	2	9906-021 183		**9906-021 184**			
200	22	37	50,8	1-A	4500	1	9906-022 081		**9906-022 082**			
200	22	37	50,8	1-A	4500	2					9906-022 085	
250	26	60	50,8	4-M	3600	2			9906-013 008		9906-013 009	
300	28	60	50,8	4-M	3000	2					**9906-013 021**	
380	32	72	50,8	4-M	2400	2					**9906-013 057**	

For other bore sizes, see Adapters on page 117.

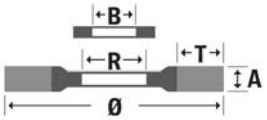
mm					max.	pcs.	Osborn 0,26	RRP				
Ø	A	T	B	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	14	29	31,75	3-A	6000	6	9906-021 059					

For other bore sizes, see Adapters on page 117.

Wheel brushes

crimped wire

Compatible deburring brush with high wire density for use in stationary machines such as benchtop grinders and tabletop deburrers.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

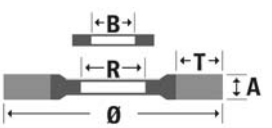
mm						max.	pcs.	0,20	RRP	0,30	RRP	0,50	RRP
Ø	A	T	B min.	B max.	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	19	16		20	20	10000	4			**9902-511 162**			
100	20	23		20	30	8000	5	**9902-522 142**		**9902-522 162**			
100	28	23		20	30	8000	5			**9902-522 163**			
125	22	30		20	30	6000	5	9902-532 142		**9902-532 162**			
125	30	30		20	30	6000	5			**9902-532 163**			
150	21	25		31,75	50,8	6000	3	**9902-544 441**		**9902-544 461**		9902-544 491	
150	30	29		31,75	50,8	6000	3	**9902-544 142**		**9902-544 162**			
150	37	29		31,75	50,8	6000	3			**9902-544 163**		**9902-544 193**	
178	23	38		31,75	50,8	6000	1	9902-554 441		**9902-554 461**			
178	32	38		31,75	50,8	6000	1	9902-554 142		**9902-554 162**		9902-554 192	
178	38	38		31,75	50,8	6000	1			**9902-554 163**			
200	20	38		31,75	80	4500	1	**9902-566 441**		**9902-566 461**		9902-566 491	
200	30	38		31,75	80	4500	1	**9902-566 142**		**9902-566 162**		**9902-566 192**	
200	38	38		31,75	80	4500	1	9902-566 143		**9902-566 163**		9902-566 193	
250	28	47	20	50,8	100	3600	1	9902-576 142		**9902-576 162**		9902-576 192	
250	38	47	20	50,8	100	3600	1	9902-576 143		**9902-576 163**		**9902-576 193**	
250	55	47	20	50,8	100	3600	1			9902-576 464			
300	32	50	25,4	50,8	120	3000	1	9902-587 142		**9902-587 162**		9902-587 192	
300	46	50	50,8	101,6	151		1			0002-587 162			
300	44	50	25,4	50,8	120	3000	1	9902-587 143		**9902-587 163**		**9902-587 193**	

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Brushtechnology Industrial
Brushes

Wheel brushes
crimped wire

Compatible deburring brush with high wire density for use in stationary machines such as benchtop grinders and tabletop deburrers.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

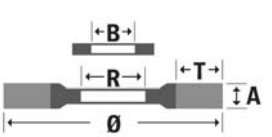
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm								0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	R	rpm	pcs.	Order-No.	€	Order-No.	€	BOrder-No.	€
75	19	16		20	20	10000	4			9902-511 362			
100	20	23		20	30	8000	4	9902-522 342		**9902-522 362**			
100	28	23		20	30	8000	4			9902-522 363			
125	22	30		20	30	6000	2	9902-532 342		**9902-532 362**			
125	30	30		20	30	6000	2	9902-532 343		9902-532 363			
150	21	25		31,75	50,8	6000	2	**9902-544 341**		**9902-544 361**			
150	30	29		31,75	50,8	6000	2	**9902-544 342**		**9902-544 362**			
178	23	38		31,75	50,8	6000	1	9902-554 341		**9902-554 361**			
178	32	38		31,75	50,8	6000	1			**9902-554 362**			
200	20	38		31,75	80	4500	1	**9902-566 341**		**9902-566 361**			
200	30	38		31,75	80	4500	1	**9902-566 342**		**9902-566 362**			
200	38	38		31,75	80	4500	1			9902-566 363			
250	28	47	20	50,8	100	3600	1	**9902-576 342**		**9902-576 362**			
250	38	47	20	50,8	100	3600	1	**9902-576 343**		**9902-576 363**			
300	32	50	25,4	50,8	120	3000	1	9902-587 342		9902-587 362			
300	44	50	25,4	50,8	120	3000	1	9902-587 343		**9902-587 363**			

Wheel brushes
crimped wire

Flexible, soft wheel brush for fine surface finishing. Conforms to the contours of the work piece thanks to its long bristles.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		
Brass wire				■		■	

mm								0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	3	**9902-543 142**		**9902-543 162**			
150	32	43		20	30	6000	3			9902-543 163			
178	32	43		31,75	50,8	6000	1			9902-553 162			
178	40	43		31,75	50,8	6000	1			9902-553 163			
200	33	55		31,75	50,8	4500	1	9902-565 142		**9902-565 162**			
200	42	55		31,75	50,8	4500	1	9902-565 143		9902-565 163			
250	32	63	20	50,8	80	3600	1	9902-575 142		9902-575 162			
250	42	63	20	50,8	80	3600	1			**9902-575 163**			
300	33	70	25,4	50,8	100	3000	1	9902-586 142		**9902-586 162**			
300	45	70	25,4	50,8	100	3000	1			**9902-586 163**			

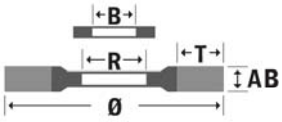
mm								0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	2			9902-543 362			
178	32	43		31,75	50,8	6000	1	9902-553 342		9902-553 362			
200	33	55		31,75	50,8	4500	1	9902-565 342		**9902-565 362**			
250	32	63	20	50,8	80	3600	1	**9902-575 342**					
300	33	70	25,4	50,8	100	3000	1	**9902-586 342**		9902-586 362			
300	45	70	25,4	50,8	100	3000	1	9902-586 343		9902-586 363			

mm								0,20	RRP	0,30	RRP		
Ø	A	T	B min.	B max.	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	24	43		20	30	6000	2	**9902-543 542**		9902-543 562			
150	32	43		20	30	6000	2	9902-543 543		9902-543 563			
178	32	43		31,75	50,8	6000	1	9902-553 542		9902-553 562			
200	33	55		31,75	50,8	4500	1	**9902-565 542**		9902-565 562			

Universal usage of the brushes through a range of bore adapters:
Ø 75-125 mm: 20 mm = 1/2"; 5/8" **Ø 150-200 mm:** 31,75 mm = 13mm; 15mm; 16mm; 19mm; 20 mm; 7/8"; 1".
Important: When ordering brushes Ø 250-300 mm please clearly state your arbor hole requirements.

Wheel brushes for deburring machines crimped wire

Very wide and compact brush for tabletop deburrers for finishing cut edges.



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm						max.		0,20	RRP	0,30	RRP	0,35	RRP
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**0002-576 145**		**0042-576 165**		**0042-576 175**	

mm						max.		0,50	RRP				
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**0002-576 195**					

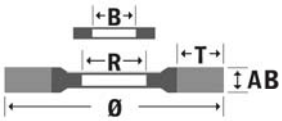
mm						max.		0,20	RRP	0,30	RRP	0,35	RRP
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**0002-576 345**		**0042-576 365**		**0042-576 375**	

mm						max.		0,50	RRP				
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**0002-576 395**					

For other bore sizes, see Axle discs on page 114.

Wheel brushes for deburring machines abrasive filament

Very wide and compact brush for tabletop deburrers for finishing cut edges.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

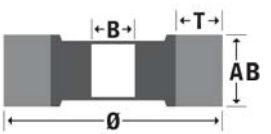
mm						max.		grit 80/1,27	RRP	grit 120/1,02	RRP	grit 180/0,90	RRP
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**2102-576 916**		**0002-576 906**		**0002-576 916**	

mm						max.		grit 320/0,56	RRP				
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
250	60	55	45	100	100	3600	1	**0002-576 926**					

For other bore sizes, see Axle discs on page 114.

Brushtechnology Industrial
Brushes

Wheel brushes for deburring machines crimped wire



USAGE

	0,15	0,20	0,25/0,27	0,30	0,35	0,40	0,50
roughening	□	□	□	□	■	■	■
planing	■	■	■	■	□	□	□
deburring	□	■	■	■	■	□	□
edge honing	□	■	■	■	■	□	□
structuring	□	□	■	□	□	□	□
descaling/paint stripping	□	□	□	■	■	■	■
weld seams	□	■	■	■	■	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■
Stainless steel			■	■	■		

mm						max.		0,35	RRP	0,35	RRP	0,30	RRP
Ø	AB	KB	T	B	R	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
300	460	440	60	120	120	3600	1	**4602-743 178**		**7602-743 378**			
300	620	600	60	120	120	3600	1	**8802-753 478**				**1302-753 368**	

Price on request.

More wheel brushes for all common deburring machines available on request.

Axle plates

One-way axle discs for tabletop deburrers.

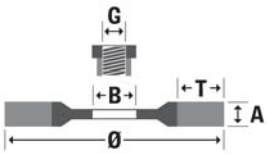
mm							
B	Keyway	pcs.	Order-No.		Order-No.		Order-No.
50,8	13,2x7,1	1	**5495-560 051**				
52,9	13,5x6,4	1	**5495-560 052**				
54,7	13,6x5,8	1	**5495-560 054**				
80,2	13,5x7,5	1	5495-560 080				
82	13,5x6,4	1	5495-560 082				

Price on request.

Wheel brushes

abrasive filament

Abrasive bristle for wet and dry applications. Resistant to weak acids and alkaline solutions. Flexible, the brush adapts to the work piece. Industrial version.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

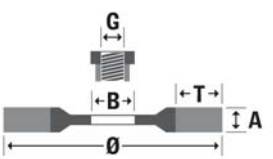
mm					max.		grit 80	RRP	grit 120 1,02	RRP	grit 180	RRP
Ø	A	T	B	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	5/8"	F	20000	6	**9906-015 001**		**9906-015 002**		**9906-015 003**	
100	13	20	5/8"	F	12000	6	**9906-015 025**		**9906-015 026**		**9906-015 027**	
125	16	30	5/8"	F	12000	6	**9906-015 035**		**9906-015 036**		**9906-015 037**	
150	17	32	7/8"	F	8000	6	**9906-015 079**		**9906-015 080**		**9906-015 081**	
178	20	47	7/8"	F	8000	2	**9906-015 040**		**9906-015 041**		**9906-015 042**	
200	18	35	2"	4-M	6000	2	**9906-015 050**		**9906-015 051**		**9906-015 052**	
250	18	35	2"	4-M	3000	2	**9906-015 056**		**9906-015 057**		**9906-015 058**	
250	18	60	2"	4-M	3600	2	9946-015 056		**9946-015 057**		9946-015 058	
300	18	35	2"	4-M	2400	2	**9906-015 062**		**9906-015 063**		**9906-015 064**	
300	18	60	2"	4-M	3000	2			**9966-015 063**		**9966-015 064**	
350	19	55	2"	4-M	2400	2			**9906-015 069**		**9906-015 070**	

mm					max.		grit 320	RRP	grit 120 0,65	RRP		
Ø	A	T	B	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	15	5/8"	F	20000	6	**9906-015 004**					
100	13	20	5/8"	F	12000	6	**9906-015 028**		9916-015 026			
125	16	30	5/8"	F	12000	6	**9906-015 038**					
150	17	32	7/8"	F	8000	6	**9906-015 082**					
178	20	47	7/8"	F	8000	2	**9906-015 043**		9916-015 041			
200	18	35	2"	4-M	6000	2	**9906-015 053**		9916-015 051			
250	18	35	2"	4-M	3000	2	**9906-015 059**		9916-015 057			
250	18	60	2"	4-M	3600	2	**9946-015 059**					
300	18	35	2"	4-M	2400	2	**9906-015 065**					
300	18	60	2"	4-M	3000	2	**9966-015 065**					
350	19	55	2"	4-M	2400	2	**9906-015 071**		9916-015 069			

Brushtechnology Industrial
Brushes

Wheel brushes
abrasive filament

Abrasive bristle for dry applications.



USAGE

	40/46	60	80	120	180	320	Fibre
roughening	■	■	■	□	□	□	□
planing	□	□	□	■	■	■	□
deburring	□	□	□	■	■	■	□
edge honing	□	□	□	■	■	■	□
structuring	■	■	■	□	□	□	□
descaling/paint stripping	■	■	■	□	□	□	□
weld seams	□	□	□	□	□	□	■

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

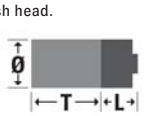
mm								grit 80	RRP	grit 120	RRP	grit 180	RRP
Ø	A	T	B min.	B max.	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	13		13		20000	6	9902-515 001		**9902-515 002**		**9902-515 003**	
100	18	18	13	20		12000	6	**9902-515 025**		**9902-515 026**		**9902-515 027**	
150	18	32	13	32	F	8000	6	**9902-515 079**		**9902-515 080**		**9902-515 081**	
178	20	45	13	32	F	8000	4	**9902-515 040**		**9902-515 041**		**9902-515 042**	
200	18	35	19	50,8	4-M	6000	2	**9902-515 050**		**9902-515 051**		**9902-515 052**	
250	20	35	20	50,8	4-M	3600	2	**9902-515 056**		**9902-515 057**		**9902-515 058**	
250	18	60	20	50,8	4-M	3000	2	**9962-515 056**		9962-515 057		9962-515 058	
300	20	35	20	50,8	4-M	2400	2	**9902-515 062**		**9902-515 063**		**9902-515 064**	
300	20	60	20	50,8	4-M	3000	2	9962-515 062		**9962-515 063**		9962-515 064	
350	20	57	32	50,8	4-M	2400	2			**9902-515 069**			

mm								Novofil 320	RRP				
Ø	A	T	B min.	B max.	Adapt.	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
75	12	13		13		20000	6	**9902-515 004**					
100	18	18	13	20		12000	6	**9902-515 028**					
150	18	32	13	32	F	8000	6	**9902-515 082**					
178	18	45	13	32	F	8000	4	9902-515 043					
200	18	35	19	50,8	4-M	6000	2	**9902-515 053**					
250	18	60	20	50,8	4-M	3000	2	**9962-515 059**					
300	20	35	20	50,8	4-M	2400	2	9902-515 065					
300	20	60	20	50,8	4-M	3000	2	**9962-515 065**					

For other bore sizes, see table "Standard bore for single-row brushes" on page 108.

End brushes
crimped wire

To deburr the raw edge of tubes/profiles or flat surfaces. A set (8, 16, 24 pcs) are fitted in a brush head.



USAGE

	80	120	120 Mix	180	0,20	0,27	0,35	0,50
roughening	□	□	□	□	□	□	□	□
planing	□	□	□	□	□	□	□	□
deburring	■	■	■	■	■	■	■	■
edge honing	■	■	■	■	■	■	■	■
structuring	□	□	□	□	□	□	□	□
descaling/paint stripping	□	□	□	□	□	□	□	□
weld seams	□	□	□	□	□	□	□	□

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire straight	■	■					
Stainless steel			■				
Abrasive bristle				■	■		

mm				0,20	RRP	0,35	RRP	0,50	RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	**0002-509 448**		**0002-509 478**		0002-509 498	

mm				0,20	RRP	grit 80	RRP	grit 120 0,20 rostfrei	RRP
Ø	T	L		pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	95	25		16	**0002-509 348**		0002-509 908		**5702-509 938**	

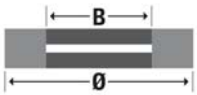
4-M adapter

4-M adapter for thin wheel brushes with bore 2" (50.8 mm) tapered grooves; reusable.

mm				RRP				
B	Inch	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
12,7	1/2"	1	**0003-075 064**					
16	5/8"	1	**0003-075 065**					
19	3/4"	1	**0003-075 066**					
22,2	7/8"	1	**0003-075 067**					
25,4	1"	1	**0003-075 068**					
28	1 1/8"	1	0003-075 069					
31,75	1 1/4"	1	**0003-075 070**					
38	1 1/2"	1	0003-075 071					
50,8	2"	1	**0003-075 073**					

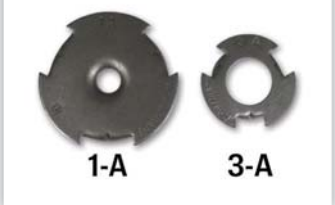
F-adapter

For reduction of arbor holes.



Inch				UVP				
Inner Ø	Outer Ø	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1/2"	5/8"	1	**0003-000 223**					
3/8"	7/8"	1	**0003-000 242**					
1/2"	7/8"	1	**0003-000 243**					
5/8"	7/8"	1	**0003-000 244**					

Interchangeable metal adapters
inch sizes



1-A adapter for bore 2" (50,8 mm) round; reusable.

3-A adapter for bore 11/14" (31,75 mm) round; reusable.

Inch		1-A	RRP	3-A	RRP		
B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1/2"	1	0103-075 021		0103-075 048			
3/4"	1			0103-075 050			
1 1/4"	1	0103-075 027					
1 1/2"	1	0103-075 028					

Brushtechnology Industrial
Brushes

1-A adapter for bore 2" (50,8 mm) round; reusable.

3-A adapter for bore 11/14" (31,75 mm) round; reusable.

mm		1-A	RRP	3-A	RRP		
B	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	1	0103-075 210					
13	1	0103-075 213		0103-075 313			
16	1	0103-075 216		0103-075 316			
20	1	0103-075 220		0103-075 320			
25	1	0103-075 225		0103-075 325			
30	1	0103-075 230					
32	1	0103-075 232					
35	1	0103-075 235					
40	1	0103-075 240					

Important user information

Brushes for internal finishing

To be noted when selecting brushes for internal finishing:

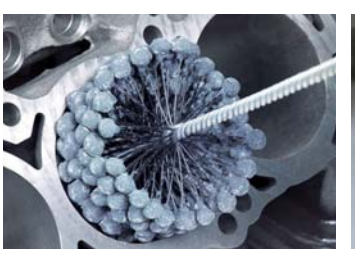
1. General user information

Brushes for internal finishing are suitable for use with hand-held and stationary tools with drill or jaw chucks and tool spindles. Some products are designed exclusively for manual operation.

2. Typical brushes for internal finishing

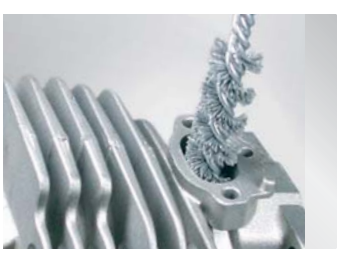
Some typical brushes used for internal finishing are shown below. The product overview on the following pages provides details of the whole range.

Helituf

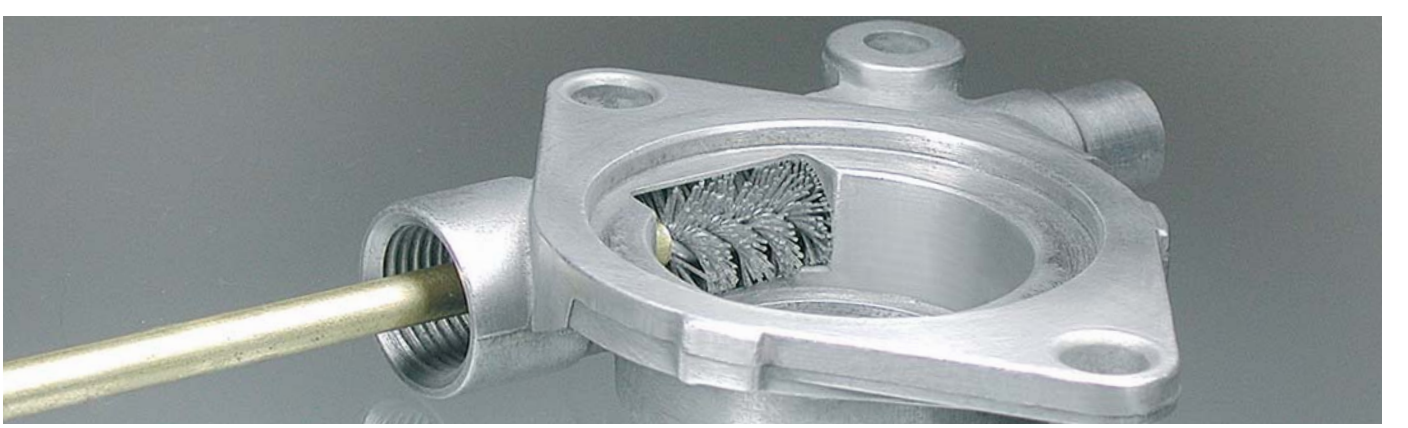


Novoflex B

Novoflex S1



Micro-abrasive tube brush



Finding the right tool

Please check your product choice using the information in the info heading.
This will tell you the application for each product and its suitability, as well as providing a summary of the available trim materials suitable for the material being finished.

USE

	NHA 600/NHS 1000	Nylon-diamond 400+800	Orig. Osb. wire 0.08-0.20	Filament brush 80-320	Novofil WF 120+320	Crimped steel wire 0.15-0.50	Nylon/Natural fibre
Internal cleaning, general	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brushing edges/tapered grooves	■	■	☐	■	☐	☐	☐
Rust removal	☐	☐	■	☐	☐	■	☐
Cleaning threads/holes	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIALW

Product available with:	Steel	Cast iron	Stainless steel	Non-ferrous metal	Aluminium	Softwood	Hardwood
Steel wire, knotted	■	■					
Steel wire, crimped	■	■				■	■
Steel wire, stainless			■	■	■		
Brass wire				■		■	
Abrasive bristle	■	■	■	■	■	■	■
Nylon-diamond	■	■	■	■	■	■	■
Natural bristle	■	■	■	■	■	■	■

PROFESSIONAL INTERNAL FINISHING

	Product and material	Properties	Use
SITUFT	Internal brushes with crimped original Osborn wire, fastened in a wing-shaped form.	Quick and easy to clamp in a wide variety of machines using different adapters. Designed for hand-held (e.g. pneumatic and electric tools), as well as stationary machines. The brushes can be clamped in collet chucks, jaw chucks and tool spindles.	For cleaning holes and internal surfaces that are difficult to reach, as well as longitudinal grooves.

Clockwise or anti-clockwise operation possible using an adapter. Can only be used in a clockwise direction without an adapter. The larger the diameter, the greater the flexibility of the brush.

HELITUF	Internal brushes with original crimped Osborn wire, fastened in a spiral construction.	Designed for hand-held machines. The brushes can be mounted in drill sockets and on spindles. Chuck mounting is also possible using a Helituf adapter. The spiral-shaped construction simulates a stroke action.	To clean and deburr holes, to brush and deburr edges and tapered grooves.

An adapter can be used to increase the total length (incl. brush) to 225 mm.

Micro-abrasive	Tube brushes with flexible silicon carbide or aluminium oxide trim. Special shaft available upon request.	For use in CNC and NC machines, as well as processing centres.	To clean condensers and boiler pipes, deburr, clean and roughen coated surfaces.

Brushes should be 5 – 10% larger than the diameter of the hole.

Brushtechnology Industrial
Internal finishing

	Product and material	Properties	Use
Nylon-diamond **spiral-shaped**	Tube brush, spiral-shaped Galvanised twisted wire, stabilised with shaft of pressed brass sleeve.	Flexible trim; after heavy usage and deformation the filaments will recover. Filaments flex rather than break. High flexibility and high performance. Easy clamping in collet and jaw chucks.	Edge rounding, deburring of cross holes, further finishing of honed surfaces. Surface roughness reduced significantly. Ideal for finishing hard components (e.g. ceramic), hardened parts, precision components and parts for spiral-shaped aerospace applications.

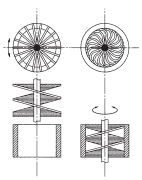
Brushes should be 10 – 15% larger than the diameter of the hole.

Nylon-diamond **wing-shaped**	Tube brushes, wing-shaped Galvanised twisted wire, stabilised with shaft of pressed brass sleeve.	Because of their very thin and flexible trim, the life of these brushes is longer than that of conventional brushes with a harder trim.	Deburring and finishing, e.g. of longitudinal grooves.

Brushes should be 10 – 15% larger than the diameter of the hole.

Novoflex-B rpm 350 – 700	Sturdy, self-centring honing tool. Flexible design with abrasive spheres.	Suitable for hand-held and honing machines. For use in CNC and NC machines, processing centres and automatic equipment, clamping in tool spindles also possible.	Edge breaks, final finishing of top surfaces. For use in non-round bores and for deburring and finishing of bearing holes during engine production. To create an even, fine-ground surface with a high contact ratio (plateau finish). The resulting cross-hatching is an ideal base for oil film adhesion.

Lubricants must always be used. We recommend lubricating the Novoflex-B with honing oil before use.
Mineral oil, engine oil, water-soluble oil or cooling lubricants can be used as alternatives.
Honing time: 20 – 40 sec. The process time can be reduced for deburring longitudinal and cross holes.
Clean the bore using hot water and detergent and Osborn nylon tube brushes.

	Product and material	Properties	Use
Novoflex-H rpm approx. 600–1.400	Flat brush with wing-shaped trim material, double wire core. Shaped on the outer contact surfaces to provide a larger working surface. 	Flexible trim; after heavy usage and deformation the filaments will recover. Filaments flex rather than break. These honing brushes are used in a clockwise, oscillating movement. Easy clamping in collet and jaw chucks.	Surface finishing of workpieces that do not require deburring, e.g. internal finishing of pipes, manufacture of piston pumps, engines.

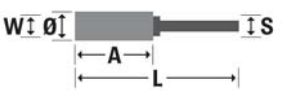
Brushes should be up to 25% larger than the diameter of the hole.

Hole cleaning brushes, nozzle cleaning brushes, fitting brushes, terminal post brushes	In crimped wire or nylon With handle 	For manual use 	Internal cleaning of a wide range of materials, from steel or copper to wood and plastic.

Brushtechnology Industrial
Internal finishing

SITUFT®
crimped Osborn wire

Double wire core for compressed air and electric tools. Adapter to fix in various power tools.



W = workpiece diameter

USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■	■	■	■		
Stainless steel	■	■	■	■	■		

mm						Osborn 0,08	RRP	Osborn 0,13	RRP	Osborn 0,20	RRP
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6,4	6,7	14	54	2,38	12	**9907-035 021** *		**9907-035 023** *			
8	8,4	14	54	2,38	12	**9907-035 031** *		**9907-035 032** *			
9,5	10	14	54	2,38	12	**9907-035 041**		**9907-035 042** *			
11	11,5	14	54	2,38	12	9907-035 051		**9907-035 052** *			
13	13,1	14	54	3,18	12	**9907-035 061**		**9907-035 062** *			
14	14,5	16	54	3,18	12	9907-035 081		**9907-035 082**		9907-035 083 *	
16	16,3	16	54	3,18	12	9907-035 086		**9907-035 087** *		**9907-035 088**	
18	19,2	16	54	3,18	12			9907-035 092		9907-035 093	
19	20,1	16	54	3,18	12	9907-035 096		**9907-035 097**		9907-035 098 *	
21	21,9	16	57	3,18	12			9907-035 102			
22	22,8	16	57	3,18	12			**9907-035 107**			
25	26	16	57	3,18	12			9907-035 117		**9907-035 118** *	
29	29,8	16	57	3,18	12			9907-035 127		9907-035 128	
32	32,6	16	57	3,18	12			**9907-035 137**		9907-035 138 *	

* Parts included in the SITUFT®Set (Order-No. 9907-035 000).

mm						Osborn 0,13	RRP				
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6	6,7	14	54	2,38	12	9907-035 181					
13	13,1	14	54	3,18	12	9907-035 197					
16	16,3	16	54	3,18	12	**9907-035 205**					
19	20,1	16	54	3,18	12	**9907-035 213**					
22	22,8	16	57	3,18	12	9907-035 221					
25	26	16	57	3,18	12	9907-035 229					

* Parts included in the SITUFT®Set (Order-No. 9907-035 000).

SITUFT®-Set
crimped Osborn wire

SITUFT® Set: 12 brushes D6 to D32 and two adapters. Parts in this set are marked by an asterix in the previous table.

USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

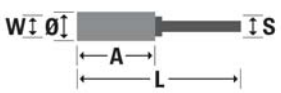
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■	■	■	■		
Stainless steel	■	■	■	■	■		

		RRP		RRP		RRP
pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1	**9907-035 000**					

HELITUF®
crimped Osborn wire

Double wire core for automatic or manual applications. Adapter available to extend length up to max. 225 mm (details below).



W = workpiece diameter

USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

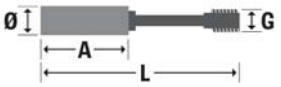
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■	■	■	■		
Stainless steel	■	■	■	■	■		

mm						Osborn 0,13	RRP	Osborn 0,20	RRP		
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6	7,95	25	89	3,4	12	**9907-036 012**					
8	9,5	25	89	3,4	12	**9907-036 017**					
10	11	25	89	3,4	12	**9907-036 022**		**9907-036 023**			
11	12,7	25	89	3,4	12	**9907-036 027**					
13	14,3	25	89	3,4	12	**9907-036 032**		**9907-036 033**			
14	15,9	25	89	3,4	12	9907-036 037					
16	17,5	25	89	3,4	12	**9907-036 042**		**9907-036 043**			
18	19	25	89	3,4	12	**9907-036 047**					
19	20,6	25	89	3,4	12	**9907-036 052**		**9907-036 053**			
21	22,2	25	89	3,4	12	**9907-036 057**					
22	23,8	25	89	3,4	12	**9907-036 062**		9907-036 063			
24	25,4	25	89	3,4	12	**9907-036 067**					
25	27	25	89	3,4	12	**9907-036 072**		**9907-036 073**			
29	30,1	25	89	3,4	12	**9907-036 082**					
32	33,3	25	89	3,4	12			**9907-036 093**			

mm						Osborn 0,13	RRP	Osborn 0,20	RRP		
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
6	7,95	25	89	3,4	12	**9907-036 139**					
10	11,1	25	89	3,4	12	**9907-036 147**					
11	12,7	25	89	3,4	12	**9907-036 151**					
13	14,3	25	89	3,4	12	**9907-036 155**		**9907-036 156**			
16	17,5	25	89	3,4	12	**9907-036 163**		9907-036 164			
19	20,6	25	89	3,4	12			**9907-036 172**			
22	23,8	25	89	3,4	12	**9907-036 179**					
24	27	25	89	3,4	12			**9907-036 188**			
25	27	25	89	3,4	12	**9907-036 187**					
32	33,3	25	89	3,4	12			**9907-036 204**			

Tube & Internal Brushes
crimped wire



USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

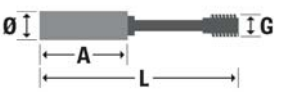
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

mm					0,15	RRP	0,20	RRP		
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
10	100	140	M 6	10	**0003-815 210**					
12	100	140	M 6	10	**0002-815 212**					
14	100	140	M 6	10	**0002-815 214**					
15	100	140	5/16 Zoll	10	**0002-812 215**					
18	100	140	5/16 Zoll	5			**0002-812 218**			
20	100	140	5/16 Zoll	10			**0002-812 220**			

mm					0,30	RRP				
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	100	160	1/2 Zoll	5	**0002-808 125**					
30	100	160	1/2 Zoll	5	**0002-808 130**					
32	100	160	1/2 Zoll	5	**0002-808 132**					
35	100	160	1/2 Zoll	5	0002-808 135					
36	100	160	1/2 Zoll	5	0002-808 136					
38	100	160	1/2 Zoll	5	**0002-808 138**					
40	100	160	1/2 Zoll	5	**0002-808 140**					
44	100	160	1/2 Zoll	5	**0002-808 144**					
50	100	160	1/2 Zoll	5	**0002-808 150**					

Brushtechnology Industrial
Internal finishing

Tube & Internal Brushes
straight wire



USAGE

	NHA 600/NHS 1000	Nylon Dam. 400+800	Orig. Dob. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Steel wire crimped	■	■				■	■

mm					0,25	RRP	0,30	RRP	0,35	RRP
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
25	100	160	1/2 Zoll BSW	5	**0003-810 125**					
28	100	160	1/2 Zoll BSW	5	**0003-810 128**					
30	100	160	1/2 Zoll BSW	5	**0003-810 130**					
32	100	160	1/2 Zoll BSW	5			**0003-810 132**			
38	100	160	1/2 Zoll BSW	5			**0003-810 138**			
40	100	160	1/2 Zoll BSW	5			**0003-810 140**			
44	100	160	1/2 Zoll BSW	5			**0003-810 144**			
50	100	160	1/2 Zoll BSW	5			**0003-810 150**			
57	100	160	1/2 Zoll BSW	5			**0003-810 157**			
63	100	160	1/2 Zoll BSW	5					**0002-808 163**	
75	100	160	1/2 Zoll BSW	5					**0002-808 175**	

mm					0,40	RRP	0,50	RRP		
Ø	A	L	G	pcs.	Order-No.	€	Order-No.	€	Order-No.	€ €
63	100	160	1/2 Zoll BSW	5	**0003-810 163**					
69	100	160	1/2 Zoll BSW	5	**0003-810 169**					
75	100	160	1/2 Zoll BSW	5	**0003-810 175**					
82	100	160	1/2 Zoll BSW	5	**0003-810 182**					
100	100	160	1/2 Zoll BSW	5			0002-808 100			
101	100	160	1/2 Zoll BSW	5			**0003-810 100**			

Wire Handles
for radiator brushes

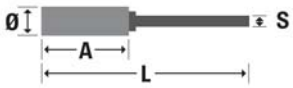
Flexible – with a thread to extend heating element brushes and tube brushes.

			steel wire	RRP		RRP		
G	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
1/2 Zoll BSW	1000	10	**0002-819 110**					
M 6	1000	10	**1132-819 110**					
5/16 Zoll BSW	1000	10	1103-819 110					

Tube & Internal Brushes

abrasive trim

Zinc-plated twisted shaft with single trim spiral. For cross-hole deburring, control units, O-ring grooves and cylindrical components.



USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

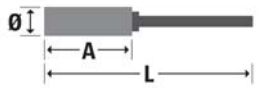
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■		

mm					NHS 1000	RRP	NHA 600	RRP		
Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
0,7	12	100	0,42	12	**0003-056 400**					
1,2	12	100	0,47	12	**0003-056 403**					
1,9	18	100	0,74	12	**0003-056 406**					
2,2	18	100	0,93	12	**0003-056 409**					
2,6	25	100	1,08	12	**0003-056 412**					
3,2	25	100	1,66	12	**0003-056 415**					
3,5	25	100	1,66	12	**0003-056 418**					
4,2	25	125	2,20	12			**0003-056 425**			
4,8	25	125	2,20	12			**0003-056 427**			
5,5	25	125	2,20	12			**0003-056 428**			
6,6	25	125	3,00	12			**0003-056 429**			
8,2	25	125	3,00	12			**0003-056 432**			
9,8	25	125	3,40	12			**0003-056 435**			
11,5	25	125	3,40	12			**0003-056 436**			
13	25	125	4,20	12			**0003-056 438**			
16	25	125	4,20	12			**0003-056 441**			
17,5	25	125	4,20	12			**0003-056 442**			
19,4	25	125	5,60	12			**0003-056 444**			
22,6	25	125	5,60	12			**0003-056 447**			
25,8	25	125	6,20	12			**0003-056 450**			

Tube & Internal Brushes

abrasive filament

Deburring cross-holes, control parts, O-Ring grooves and cylindrical bores. Recommendation: Brushes should be 10–15% larger than the bore.



USAGE

	NHA 600/NHS 1000	Nylon Diam. 400+800	Orig. Osb. Wire 0,08-0,20	Abrasive bristle 80-320	Novofil WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

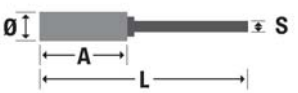
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	■	■

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

Brushtechnology Industrial
Internal finishing

Tube & Internal Brushes
nylon-diamond

Zinc-plated twisted shaft with brass stablising sleeve.



USAGE

	NHA 600/NHS 9000	Nylon Diam. 400+800	Ding. Dob. Wire 0,08-0,20	Abrasive bristle 80-320	Novofl WF 120+320	Crimp. steelwire 0,15-0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	☐	■	☐	☐

TRIM AND MATERIAL

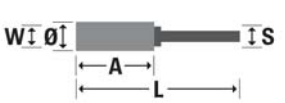
Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Nylon-Diamond	■	■	■	■	■	☐	☐

mm					grit 400	RRP	grit 800	RRP		
W	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
2	20	100	1	2	**0008-852 002** *					
2	20	100	1	10			0008-852 802			
2,5	20	100	1	2	**0018-852 002** *					
2,5	20	100	1	10			0018-852 802			
3	20	100	1,5	2	**0008-852 003** *					
3	20	100	1,5	10			0008-852 803			
3,5	20	100	1,5	2	**0018-852 003** *					
3,5	20	100	1,5	10			0018-852 803			
4	20	115	3	2	**0008-852 004**		**0008-852 804**			
5	20	115	3	2	**0008-852 005**		**0008-852 805**			
6	20	115	3	2	**0008-852 006**		**0008-852 806**			
7	20	115	3	2	0008-852 007		**0008-852 807**			
8	20	115	3	2	**0008-852 008**		**0008-852 808**			
9	20	115	3	2	0008-852 009		0008-852 809			
10	20	115	4	2	**0008-852 010**		**0008-852 810**			
12	20	115	6	2	**0008-852 012**		0008-852 812			
15	20	115	6	2	**0008-852 015**		0008-852 815			
17	20	115	6	2	**0008-852 017**					
17	20	115	6	10			0008-852 817			
19	20	115	6	2	0008-852 019					
19	20	115	6	10			**0008-852 819**			
22	20	115	6	2	0008-852 022					
22	20	115	6	10			0008-852 822			
25	20	115	6	2	0008-852 025					
25	20	115	6	10			0008-852 825			

* without brass stablising sleeve.

novoflex-B®
abrasive filament

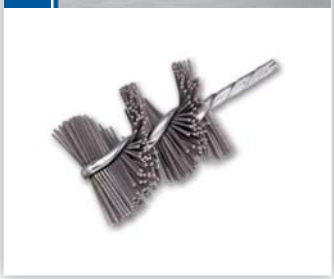
Flexible, self-centering honing tool. Achieves a plateau finish. Due to cross grinding a good carrier for oil film adhesion.



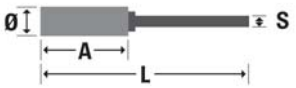
W = workpiece diameter

mm						grit SIC 120	RRP	grit SIC 180	RRP	grit SIC 240	RRP
W	Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
7	8	50	200	3,6	1			9828-036 308			
8	9	50	200	3,6	1	**9818-036 309**		**9828-036 309**			
9	10	50	200	3,6	1	**9818-036 310**		**9828-036 310**			
10	11	60	200	3,6	1	**9818-036 311**		**9828-036 311**		9838-036 311	
11	12	60	200	3,6	1	**9818-036 312**		**9828-036 312**			
12	13	60	200	3,6	1	**9818-036 313**		**9828-036 313**		9838-036 313	
14	15,5	60	200	3,6	1	**9818-036 316**		**9828-036 316**		9838-036 315	
16	18	60	200	4,6	1	**9818-036 318**		**9828-036 318**		**9838-036 318**	
18	20	60	200	4,6	1	**9818-036 320**		**9828-036 320**		9838-036 320	
20	22	70	200	4,6	1	**9818-036 322**		**9828-036 322**		**9838-036 322**	
22	25	70	200	4,6	1	**9818-036 325**		**9828-036 325**		9838-036 325	
24	27	70	200	5,1	1	**9818-036 327**		**9828-036 327**			
25	28	70	200	5,1	1	**9818-036 328**		**9828-036 328**		**9838-036 328**	
27	30	70	200	5,1	1	**9818-036 330**		**9828-036 330**		9838-036 330	
29	32	70	200	5,1	1	**9818-036 332**		**9828-036 332**		**9838-036 332**	
32	35	70	200	5,7	1	**9818-036 335**		**9828-036 335**		9838-036 335	
35	38	70	200	5,7	1	**9818-036 338**		**9828-036 338**			
38	41	70	200	5,7	1	**9818-036 341**		**9828-036 341**			
41	45	70	200	5,7	1	**9818-036 345**		**9828-036 345**		9838-036 345	
45	48	70	200	5,7	1	**9818-036 348**		9828-036 348		**9838-036 348**	
48	51	70	200	6,5	1	**9818-036 351**		**9828-036 351**			
48	51	76	203	6,5	1					9838-036 351	
51	54	70	200	6,5	1	**9818-036 354**		**9828-036 354**		9838-036 355	
54	57	70	200	6,5	1	**9818-036 357**		**9828-036 357**		**9838-036 357**	
57	60	70	200	7,3	1	**9818-036 360**		**9828-036 360**		9838-036 360	
60	64	70	200	7,3	1	**9818-036 364**		**9828-036 364**			

novoflex-H®
novofil®-WF



Oscillationg use at approx. 600–1400 rpm.
Version with very dense trim.



USAGE

	NHA 600/NHS 1000	Nylon Diam. 400–800	Orig. Dob. Wire 0,08–0,20	Abrasive bristle 80–320	Novofil WF 120–320	Crimp. steelwire 0,15–0,50	Nylon/natural
Internal cleaning	☐	☐	☐	☐	☐	☐	■
Deburring	■	■	☐	■	☐	☐	☐
Brush edges/tapered grooves	■	■	☐	■	☐	☐	☐
Derust	☐	☐	■	☐	☐	■	☐
Thread/drill hole cleaning	☐	☐	■	☐	☐	■	■
Plateau finish	☐	☐	☐	■	☐	☐	☐

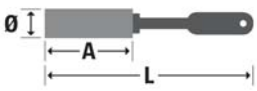
TRIM AND MATERIAL

Products available with:	Steel	Cast steel	Stainless steel	Non-ferrous metal	Aluminium	Soft wood	Hard wood
Abrasive bristle	■	■	■	■	■	☐	☐

mm					grit 120	RRP	grit 320	RRP		
Ø	A	L	S	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
19	22	90	3,18	6	**9907-036 478**					
26	23	86	3,18	12	9907-036 302					
26	32	86	3,18	12			9907-036 303			
29	38	96	3,18	6	9907-036 482					
29	50	125	6,35	12			9907-036 483			
35	50	125	6,35	2	9907-036 484					
38	50	125	6,35	2	9907-036 304		9907-036 305			
42	50	125	6,35	2	9907-036 491					
42	50	125	6,35	1			9907-036 490			
46	50	125	6,35	2	9907-036 489					
46	50	125	6,35	1			9907-036 488			
51	50	125	6,35	12	9907-036 306					
51	50	125	6,35	1			9907-036 307			
56	50	125	6,35	2	9907-036 486		9907-036 487			
63	89	160	9,53	2	**9907-036 308**		9907-036 309			
76	102	160	9,53	2	**9907-036 310**		9907-036 311			
89	102	160	9,53	2	**9907-036 312**					
89	102	160	9,53	12			9907-036 313			
102	102	160	9,53	2	9907-036 314		9907-036 315			
115	102	152	9,53	2	**9907-036 316**					
115	102	152	9,53	6			9907-036 317			
127	127	230	12,7	2	9907-036 318					
127	127	230	12,7	6			9907-036 319			
140	127	235	12,7	2	9907-036 320					
140	127	235	12,7	6			9907-036 321			
153	153	230	12,7	2	9907-036 322					
153	153	230	12,7	1			9907-036 323			

Hole Cleaning Brushes
crimped wire

To clean the inside of steel, wood or plastic products. To remove chippings and loose particles.

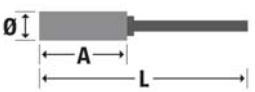


mm				0,15	RRP	0,20	RRP		
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
15	100	280	10	**0002-892 215**					
20	100	280	10			**0002-892 220**			
25	100	280	10			**0002-892 225**			

Brushtechnology Industrial
Internal finishing

Nozzle Cleaning Brushes
wire/nylon

Double wire cable and loop.

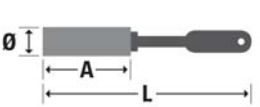


	mm			steel wire crimped	RRP	brass crimped	RRP	stainless crimped	RRP
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
4	100	300	20			0003-816 504		0003-816 304	
4	100	320	20	0003-816 204					
5	100	300	20			0003-816 505		0003-816 305	
5	100	320	20	0003-816 205					
6	100	320	20	0003-816 206		0003-816 506		0003-816 306	
8	100	300	20					0003-816 308	
8	100	320	20	0003-816 208		0003-816 508			
10	100	300	20			0003-816 510			
10	100	320	20	0003-816 210				0003-816 310	
12	100	300	20	0003-816 212				0003-816 312	
12	100	320	20			0003-816 512			
15	100	300	20	0002-816 215		0002-816 515		0002-816 315	
18	100	300	20	0002-816 218		0002-816 518		0002-816 318	
20	100	300	20	0002-816 220		0002-816 520		0002-816 320	
25	100	300	20	0002-816 225		0002-816 525		0002-816 325	

	mm			nylon	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
4	100	300	20	0003-816 804					
5	100	300	20	0003-816 805					
6	100	300	20	0003-816 806					
8	100	300	20	0003-816 808					
10	100	300	20	0003-816 810					
12	100	300	20	0003-816 812					
15	100	300	20	0003-816 815					
18	100	300	20	0003-816 818					
20	100	300	20	0003-816 820					
25	100	300	20	0003-816 825					

Fitting Brushes
steel wire

To clean the inside of tubes and solder fittings made of copper or red brass.



	mm			0,20 steel wire	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
13	25	160	12	0003-075 252					
16	25	160	12	0003-075 253					
19	28	160	12	0003-075 254					
23	25	160	12	0003-075 255					

Battery Terminal Brush

steel wire

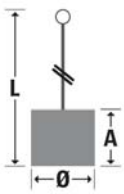
To clean batteries (pole and clamp cleaning).

mm				steel wire crimped	RRP				
Ø	T	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
15/ 25	65	120	12	**0008-493 100**					

Stove Pipe Cleaners

crimped wire

With a flexible, galvanised wire handle.



mm				0,30 crimped	RRP				
Ø	A	L	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
125	120	2000	10	0002-824 213					
125	120	3000	10	**0002-825 213**					
140	120	3000	10	0002-825 214					
160	120	3000	10	**0002-825 216**					

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

PRODUCT INTRODUCTION ATB®

Extremely long life

- Lower piece cost for the deburring process
- High safety
- Reduced set-up costs and down timesn

Flexible long life

- Dimensionally stable, also with longer trim lengths and high rotational speeds

High-tech filaments

- High density of abrasive grit for powerful deburring
- Can be used with coolants

Extremely high fill density with even surface

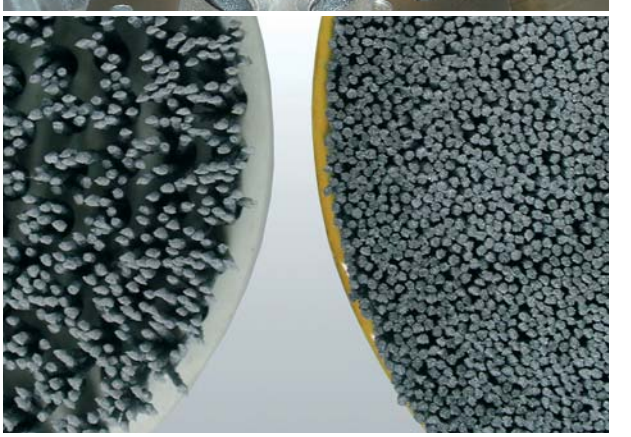
Shorter operating times and very even edge blending. Particularly suitable for deburring of:

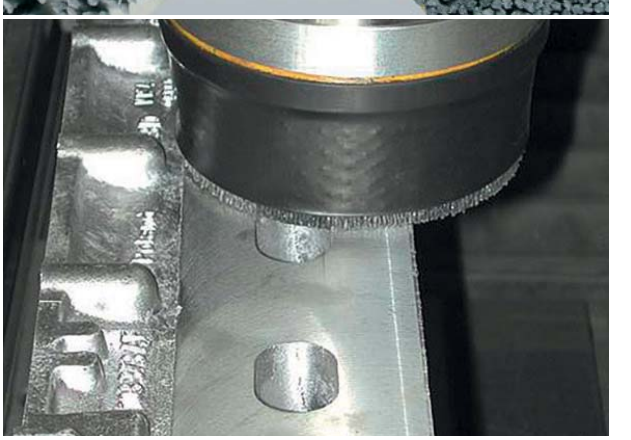
- machined surfaces
- sintered products
- stampings and mouldings
- diecasted parts
- cylinder heads
- motor units
- hydraulic parts
- pneumatic parts

of different geometries and materials

Extremely high fill density

The new ATB disc brushes have fill density which is 4 times higher than other disc brushes manufactured according to the conventional method (punched)! By this the brush life is increased many times over, with quicker processing times and better and more efficient results at the same time.





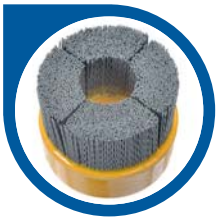
ATB brush with maximum fill density
compatible with clamping fixture

For deburring applications of components with various materials just as e.g. steel, aluminum and cast iron.

mm			INDEX		grit 80	grit 120
Total Ø	Trim length T	Bore diameter	for clamping fixture	à	Order-No.	Order-No.
50	35	16 Hexagonal	**K** = fixture with shank	1	6701-604 912	**5411-604 912**
76	35	16 Hexagonal	**L** = fixture with shank	1	3111-604 913	9841-604 913
85	35	16 Hexagonal	**J** = fixture with shank	1	6201-604 914	1601-604 914
106	35	16 Hexagonal	**H** = fixture with shank	1	**3101-604 914**	**3221-604 914**

mm			INDEX		grit 180	grit 320
Total Ø	Trim length T	Bore diameter	for clamping fixture	à	Order-No.	Order-No.
50	35	16 Hexagonal	**K** = fixture with shank	1	5431-604 912	5441-604 912
76	35	16 Hexagonal	**L** = fixture with shank	1	3311-604 913	3151-604 913
85	35	16 Hexagonal	**J** = fixture with shank	1	**2211-604 914**	6231-604 914
106	35	16 Hexagonal	**H** = fixture with shank	1	**3321-604 914**	**3401-604 914**

Price on request.



ATB brush with max. fill density
for tool holders

For deburring applications of sealing and contact surfaces as well as functional areas for a wide range of components.
Use on stationary machines with cooling lubricant, water or oil is recommended.

mm			INDEX		grit 80	grit 120
Total Ø	Trim length T	Bore diameter	for clamping fixture	pcs.	Order-No.	Order-No.
125	40	18 + Driv.hole	**C** = fixture for HSK/SK	1	**3101-604 916**	**3201-604 916**
150	40	18 + Driv.hole	**D** = fixture for HSK/SK	1	**3111-604 916**	3211-604 916
175	40	18 + Driv.hole	**E** = fixture for HSK/SK	1	3131-604 916	3231-604 916
200	40	18 + Driv.hole	**F** = fixture for HSK/SK	1	8411-604 918	4021-604 918
250	38	18 + Driv.hole	**G** = fixture for HSK/SK	1	6511-604 919	6171-604 916

mm			INDEX		grit 180	grit 320
Total Ø	Trim length T	Bore diameter	for clamping fixture	pcs.	Order-No.	Order-No.
125	40	18 + Driv.hole	**C** = fixture for HSK/SK	1	**3311-604 916**	3401-604 916
150	40	18 + Driv.hole	**D** = fixture for HSK/SK	1	4341-604 916	3411-604 916
175	40	18 + Driv.hole	**E** = fixture for HSK/SK	1	3341-604 916	3431-604 916
200	40	18 + Driv.hole	**F** = fixture for HSK/SK	1	5901-604 918	
250	38	18 + Driv.hole	**G** = fixture for HSK/SK	1	**2401-604 919**	

Price on request.

Brushtechnology Industrial
ATB® – Advanced Technology Brush System

Clamping fixture for ATB brushes

ATB brush with fixed clamping fixture.

For ATB brushes with diameter:

clamping fixture	pcs.	INDEX K Ø 50 mm Order-No.	INDEX L Ø 76 mm Order-No.	INDEX J Ø 85 mm Order-No.	INDEX H Ø 106 mm Order-No.
with shank Ø 12 mm and clamping DIN 6535 HB	1	**5002-075 000**	**3642-075 000**	9602-075 000	3652-075 000

clamping fixture	pcs.	INDEX C Ø 125 mm Order-No.	INDEX D Ø 150 mm Order-No.	INDEX E Ø 175 mm Order-No.	INDEX F Ø 200 mm Order-No.	INDEX G Ø 250 mm Order-No.
for inclusion on clamping cones HSK/SK	1	**3602-075 000**	**3612-075 000**	3622-075 000	3692-075 000	**1922-075 000**

Price on request.

Tool holder

ATB-brush with assembled HSK-cone.

Tool Holders	for INDEX	pcs.	Order-No.
HSK – A63, DIN 69893A	C, D, E, F, G	1	**3603-604 000**
HSK – A100, DIN 69893A	C, D, E, F, G	1	**3633-604 000**
SK – 40, DIN 69871	C, D, E, F ,G	1	3613-604 000
Weldon surface with shank Ø 12 mm, HSK – 63 DIN 69893A	H, J, K, L	1	4933-604 000
Weldon surface with shank Ø 12 mm, HSK – 100 DIN 69893A	H, J, K, L,	1	6303-604 000

Price on request.

ATB brush with max. fill density for shell mill mount

For deburring applications of sealing and contact surfaces as well as functional areas for a wide range of components. Use on stationary machines with cooling lubricant, water or oil is recommended. For direct mounting on shell mill holders without need of additional clamping sets / systems.

mm			INDEX		grit 80	grit 120
Brush Ø	Trim length T	Bore diameter	for fixture	pcs.	Order-No.	Order-No.
50	35	Ø 16 +keyways	Direct to shell mill holder	1	6601-604 912	6501-604 912
76	35	Ø 16 +keyways	Direct to shell mill holder	1	6301-604 913	6311-604 913
76	35	Ø 22 +keyways	Direct to shell mill holder	1	5521-604 913	5511-604 913
106	35	Ø 16 +keyways	Direct to shell mill holder	1	5431-604 914	5511-604 914
106	35	Ø 22 +keyways	Direct to shell mill holder	1	5501-604 914	5791-604 914
106	35	Ø 27 +keyways	Direct to shell mill holder	1	5601-604 914	5611-604 914
125	35	Ø 16 +keyways	Direct to shell mill holder	1	6751-604 916	6801-604 916
125	35	Ø 22 +keyways	Direct to shell mill holder	1	6721-604 916	6821-604 916
125	35	Ø 27 +keyways	Direct to shell mill holder	1	6761-604 916	6811-604 916
150	35	Ø 22 +keyways	Direct to shell mill holder	1	6771-604 916	6841-604 916
150	35	Ø 27 +keyways	Direct to shell mill holder	1	6781-604 916	6831-604 916

mm			INDEX		grit 180
Brush Ø	Trim length T	Bore diameter	for fixture	pcs.	Order-No.
50	35	Ø 16 +keyways	Direct to shell mill holder	1	6401-604 912
76	35	Ø 16 +keyways	Direct to shell mill holder	1	6321-604 913
76	35	Ø 22 +keyways	Direct to shell mill holder	1	5501-604 913
106	35	Ø 16 +keyways	Direct to shell mill holder	1	5441-604 914
106	35	Ø 22 +keyways	Direct to shell mill holder	1	5521-604 914
106	35	Ø 27 +keyways	Direct to shell mill holder	1	5621-604 914
125	35	Ø 16 +keyways	Direct to shell mill holder	1	6631-604 916
125	35	Ø 22 +keyways	Direct to shell mill holder	1	6621-604 916
125	35	Ø 27 +keyways	Direct to shell mill holder	1	6641-604 916
150	35	Ø 22 +keyways	Direct to shell mill holder	1	6651-604 916
150	35	Ø 27 +keyways	Direct to shell mill holder	1	6661-604 916

Price on request.

ATB brush TURBO-Line

Brushes for continuous deburring lines with planetary heads. Application: flat parts produced and deburred in punching, lasered, fine blanking or forming technology.

The Turbo-style sections of filaments can be angled to the right or to the left in a defined angle. Depending on the direction of rotation, the deburring will be more aggressive and effective or the brush is reaching a surface finish only.

mm			INDEX		grit 80	grit 120
Brush Ø	Trim length T	Bore diameter	material direction	pcs.	Order-No.	Order-No.
150	25	Ø 25/35 + 2 driv.holes	Turbo style-neutral	1	**3141-604 916**	3241-604 916
150	25	Ø 25/35 + 2 driv.holes	Turbo style-right	1	3181-604 916	3281-604 916
150	25	Ø 25/35 + 2 driv.holes	Turbo style-left	1	3161-604 916	3261-604 916

mm			INDEX		grit 180	grit 320
Brush Ø	Trim length T	Bore diameter	material direction	pcs.	Order-No.	Order-No.
150	25	Ø 25/35 + 2 driv.holes	Turbo style-neutral	1	3351-604 916	3441-604 916
150	25	Ø 25/35 + 2 driv.holes	Turbo style-right	1	3391-604 916	3481-604 916
150	25	Ø 25/35 + 2 driv.holes	Turbo style-left	1	3371-604 916	3461-604 916

Price on request.

Novotec wheel brushes

with fill material novofil®-DR

Features of these brushes include

a single disc and steel flange. Extremely narrow face widths allow for cutting speeds of approximately 15 m/s (oscillating).

Fill material

Novotec wheel brushes are provided with the hardest abrasive grit available: diamond chips. This ensures not only high performance but also prolonged brush life. On request, we can also supply novofil®-BR (abrasive grit: boron nitride).

Filament

Round filaments

Application range

Ceramics

This brush type is designed for structuring cutting edge geometries of ceramic turnplates as well as deburring wheels.

Hard metal tools

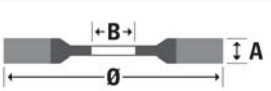
- hard metal drills
- milling cutters
- hard metal turnplates
- circular saws

Cutting edge geometries are shaped by means of a defined cutting edge roundness. This prevents the cutting edge from breaking away- during operation at higher cutting speeds and feeds.

mm					grit 240	RRP	grit 400	RRP	grit 600	RRP
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	4	20	2800	1	2401-901 924		**4001-901 924**		**6001-901 924**	
150	8	20	2800	1	**2401-902 924**		**4001-902 924**		**6001-902 924**	
200	4	20	1400	1	2401-901 926		4001-901 926		**6001-901 926**	
200	8	20	1400	1	2401-902 926		4001-902 926		6001-902 926	

mm					grit 800	RRP				
Ø	A	B	rpm	pcs.	Order-No.	€	Order-No.	€	Order-No.	€
150	4	20	2800	1	1201-901 924					
150	8	20	2800	1	6201-902 924					
200	4	20	1400	1	1911-901 926					
200	8	20	1400	1	6901-902 926					

Price on request.



Heavy-Duty Idler-Rollers
and load rails for high-capacity load handling

Heavy-Duty Idler-Rollers
Load Runners®

MORE THAN JUST FINISHING
WE KEEP THINGS MOVING

Osborn Load Runners® are the ultimate heavy-duty load rail and idler roller solution in the industry, providing precision performance across numerous applications. Load Runners® help reduce your design time and lower overall material handling system costs.

Load Runners® Load Guidance Systems for Precision Handling of Heavy Loads in Tough Environments

When reliability is paramount, combine the high capacity of Load Runners® idler-rollers with long-lasting, rugged Load Rails®, to move your products, people, or process from Point A to Point B.

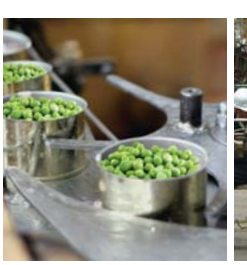
Load Runners® feature heat-treated specialty steel, precision bearings, a maintenance-free lubrication and seal system, and a global network of sales support and application engineering expertise.

Often the "unsung hero" in the application, idler rollers play a significant role in the overall success of any rail-riding operation. Properly specified, idler rollers optimize line speed and product handling, regardless of material run or machinery used.

Primary Metals

Oil & Field Petrochemical

Off-Highway Equipment: Agriculture, Construction & Mining



Food & Pharmeceutical

Automotive

Mining & Aggregate

FURTHER INFORMATION

Product information & CAD-Download available on www.loadrunners.de

www.loadrunners.de

If you are involved with product selection please contact the Osborn team.
Phone: +49 (0) 6451 588-0 Email: info@osborn.de

STRIP BRUSHES 142

BROOMATE® 145

VERSATILE ALLROUNDER

Strip brushes and aluminum extrusions

Find optimal solutions for your individual application with Osborn strip brushes.

Typical areas of application are e.g.:

- Sealing
- Guiding
- Positioning
- Transporting
- Protecting and shielding
- Skirting and closing of gaps e.g. cable bushing
- Wiping and striping

You can choose between numerous possibilities from our standard range. Our range includes brushes with nylon (PA6) and galvanized backings either as single unit or with aluminum extrusion in H- (180°)or F- (90°) profile. The aluminium extrusions are excellent in regard to optics and stability.

Osborn nylon strip brushes are supplied in standard length of 3000 mm. Customized solutions or different length can be supplied on request under consideration of our minimum order quantities.

Horse hair filling

In addition our standard range offers strip brushes with high-grade pure horse hair filling. They are an effective sealing for any kind of doors, gates and windows of buildings as they ensure protection against coldness, draught, insects, dust and noise.

A positive side effect is that you will save energy with our durable, UV-resistant and flexible horse hair that ensures an optimal isolation and sealing effect.

Our range offers standard length of 1000 and 2000 mm including our 180° aluminum extrusion ex stock.

Strip Brushes

with nylon filling

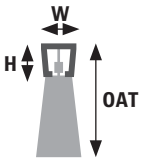
Aluminum Extrusion

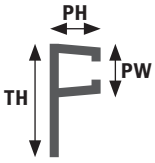
F- profile 90°

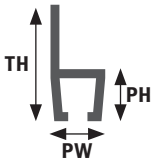
Aluminum Extrusion

h-profile 180°

Strip brushes incl. aluminum extrusion h-profile 180°/F-profile 90° with PA6 straight, black for innovative brush-based solutions in various industrial applications.







Strip brushes type A:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
15	3000	2,5	2,7	0,15	**0904-905 822**	

Aluminium extrusion type A:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	13,5	4,4	4	**0114-906 000**	
90°	14	5,2	5,7	**0214-906 000**	

Strip brushes type B:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
19	3000	4	3,7	0,15	**0924-905 822**	
45	3000	4	3,7	0,15	**0904-905 825**	

Aluminium extrusion type B:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	15	7,3	7	**0124-906 000**	
90°	16	7,3	7	**0224-906 000**	

Strip brushes type E:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
25	3000	5,1	6,3	0,20	**0924-905 823**	
32	3000	5,1	6,3	0,20	**0904-905 824**	
45	3000	5,1	6,3	0,20	**0914-905 825**	

Aluminium extrusion type E:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	27	8,2	10	**0144-906 000**	
90°	27	9	10	**0244-906 000**	

Strip brushes type K:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
50	3000	6,6	7,5	0,20	**0924-905 825**	
75	3000	6,6	7,5	0,30	**0904-905 837**	

Aluminium extrusion type K:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	30	10	12	**0154-906 000**	
90°	37	12	12	**0254-906 000**	

Strip brushes type F:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
60	3000	7,8	8,7	0,50	**0904-905 856**	
75	3000	7,8	8,7	0,30	**0904-905 847**	
115	3000	7,8	8,7	0,50	**0904-905 859**	
60	3000	7,8	8,7	0,90	**0904-905 896**	

Aluminium extrusion type F:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	33	12	13	**0164-906 000**	
90°	41	13	14	**0264-906 000**	

Strip brushes type L:

mm	mm	mm	mm	mm		RRP
OAT	L	W	H	PA6 Ø	Order-No.	€/m
230	3000	11,4	12,5	0,90	**0904-905 899**	
150	3000	11,4	12,5	0,60	**0904-905 869**	

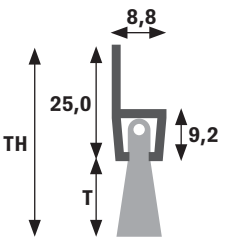
Aluminium extrusion type L:

mm	mm	mm			RRP
Profile	TH	PW	PH	Order-No.	€/m
180°	68	18	17	**0174-906 000**	
90°	62	17	18	**0274-906 000**	

* Available in lenghts of 1000, 2000 or 3000 mm
* Customized solutions and special lenghts are available on request under consideration of our MOQ

Items available immediately from stock are printed in bold type.
Please contact us for other sizes/materials: service@osborn.de

Specials
Strip brushes



Strip brushes incl. aluminum extrusion h-profile 180° with horse hair filling for an effective sealing of doors, gates and windows.

mm	mm	mm			RRP
T	L	TH	pcs.	Order-No.	€/piece
15	1000	40	10	**0004-906 962**	
15	2000	40	10	**0034-906 962**	
25	1000	50	10	**0004-906 963**	
25	2000	50	10	**0034-906 963**	
35	1000	60	10	**0004-906 954**	
35	2000	60	10	**0034-906 954**	
45	1000	70	10	**0004-906 955**	
45	2000	70	10	**0034-906 955**	

* Backing tape strip brush 5x5 mm, galvanized steel

Linde
BROOMATE

BROOM FOR FARMING AND INDUSTRIAL

In production facilities, agricultural premises or recycling and waste-management sites there are a lot of areas which need to be kept clean at any time. Osborn has developed a sweeping solution that achieves this result easily, professionally and with low cost. Our broom consists of high quality single strip brushes which are assembled under a solid 5 mm galvanized hood.

The Osborn Broomate® can be attached to a big number of industrial or agricultural vehicles and cleans all sorts of heavy debris, but also liquids.

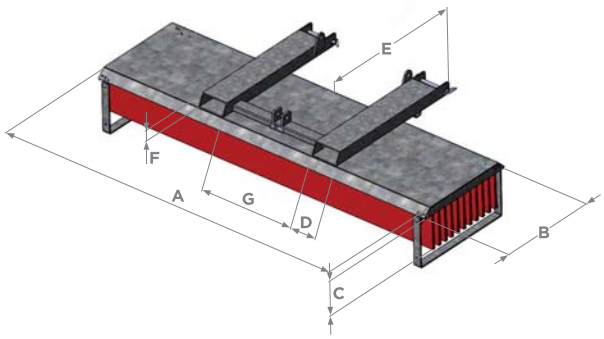
There are no rotating or electrical parts. Just mount the broom to your vehicle in no time and start sweeping.

The galvanised steel cover that makes it easy to remove the brushes is available in different widths.

Broomate® Model	Minimate	Midimate	Maximate	Megamate	Quad/ Lawnmower
Article number	0004APR120	0004APR180	0004APR240	0004APR300	0014APR12Q
Width (A)	1200 mm	1800 mm	2400 mm	3000 mm	1200 mm
Depth (B)	560 mm	706 mm	706 mm	706 mm	460 mm
Height (C)	540 mm	540 mm	540 mm	540 mm	350 mm
Width forklift-adapter (D)	180 mm (170) WP 210	180 mm (170) WP 210	180 mm (170) WP 210	180 mm (170) WP 210	depending on model
Length forklift-adapter (E)	1060 mm	1060 mm	1060 mm	1060 mm	
Height forklift-adapter (F)	80 mm (75)	80 mm (75)	80 mm (75)	80 mm (75)	
Dimension between forklift-adapter (G)	656 mm	656 mm	656 mm	656 mm	
Steel thickness	5 mm	5 mm	5 mm	5 mm	3 mm
Canopy finishing	galvanized	galvanized	galvanized	galvanized	black lacquer
No. of brush strips	8	11	11	11	7
Weight	95 kg	157 kg	260 kg	337 kg	42 kg
Strip filaments/colour	poly red	poly red	poly red	poly red	poly red
Adapter & options					
Forklift-adapter (170x70) (optional)	•	•	•	•	•
Forklift-adapter wide pocket (210x70)	○	○	○	○	○
Forklift & shovel/loader adapter	○	○	○	○	○
Forklift & skid steer adapter	○	○	○	○	○
Forklift & Euro frame adapter	○	○	○	○	○
Forklift & 3 point adapter	○	○	○	○	○
Storage support legs	•	•	•	•	•
Edge marker kit	○	○	○	○	○
Special adapters	on request	on request	on request	on request	on request
Packaging	•	•	•	•	•
Brush replacement kit	**Unit**	**Unit**	**Unit**	**Unit**	**Unit**
0004APR034 set of 11 strip brushes (580x285)	–	–	1	2	depending on model
0004APR017 set of 8 strip brushes (1200x285)	1	–	–	–	
0004APR013 set of 11 strip brushes (1820x285)	–	1	1	1	
Weight	20 kg	41,25 kg	55 kg	68,75 kg	

● Included ○ Optional

BROOMATE® ADVANTAGES



Maintenance free

- Simple and cost effective cleaning solution.
- No hydraulics, no motors, no rotating or electrical parts.
- Easy to clean simply with water or high-pressure washer.

Robust

- 5 mm galvanzined steel hood and fork-shoes and protective end-shield.

Versatile

- Excellent cleaning capabilities suitable for heavy debris and dirt like gravel, sand, slurry and light snow, as well as for liquids.
- Bi-directional – sweep forward or in reverse.

Variable Mounting

- Quick and easy mounting on almost any vehicle using optional adapters (extensive range available).

Long service life

- Strip brushes last up to 1000 kilometers.

Environmentally friendly

- All parts can be recycled.
- No need for motor oil, fuel or electric consumption.

Easy replacement

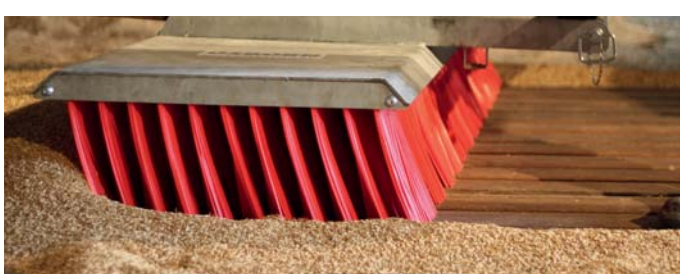
- Strip brushes can be replaced in an instant.
- Simply slide-out and slide-in.

Easy storage

- Supporting frame prevents stripbrushes from bending in storage.

Safety First

- No rotating parts, chains or motors.
- No noise, no dust.



MORE INFORMATION

Scan in QR code and view product video, or download catalogue.

www.broomate.com

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Broomate®

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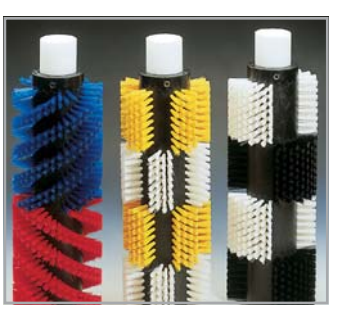

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