PRODUCT CATALOGUE EN | KNOW-HOW INSIDE

RHODIUS

OUR CATALOGUE
2018

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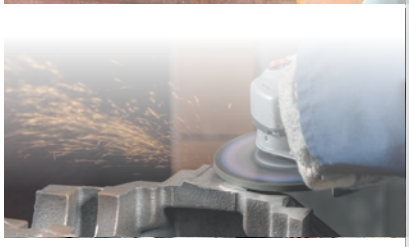


FORMATION

the family-run business Gebrüder RHODIUS

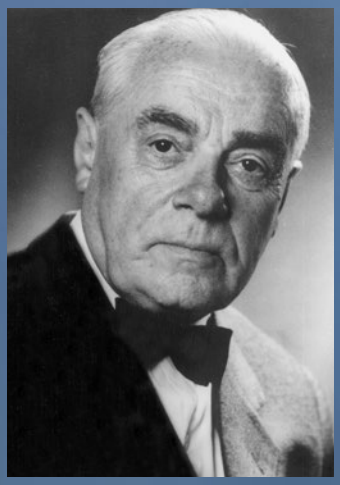
FIRST SEMI-AUTOMATED PLANT

for high-volume production

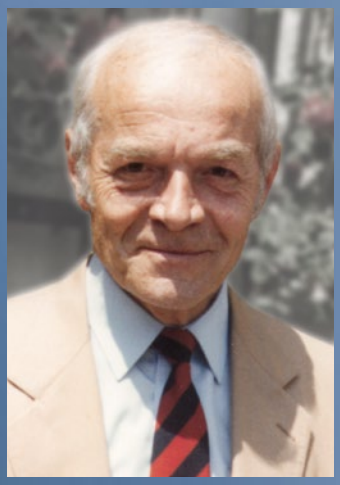
1827 **1952** **1960**

FIRST INNOVATION

in the manufacture of abrasive discs



Rudolf Rhodius
*9 May 1899 † 26 April 1983
Partner from 1923 to 1971



Manfred Rhodius
*13 June 1928
Managing director from 1972 to 1994

Gerald Lichter
*3 April 1960
Managing director from 1993 to 2017

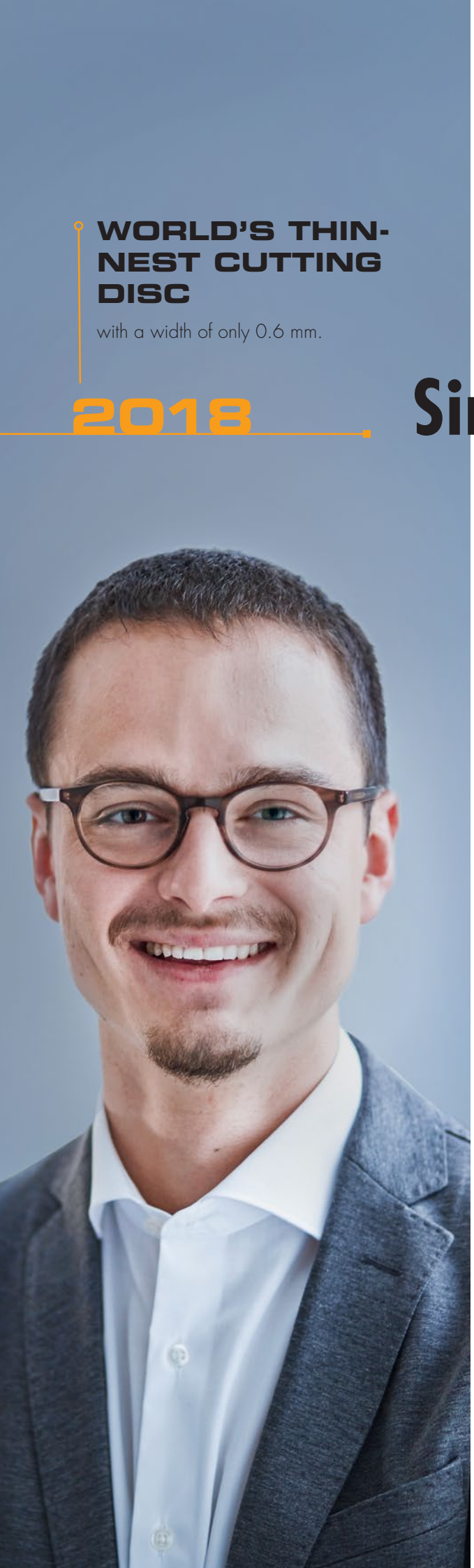
Bernd Lichter
*4 April 1989
General manager at RQS since Nov 2017

WORLD'S THIN-NEST CUTTING DISC

with a width of only 0.6 mm.

2018

Simplify your work.



An idea that has not lost fascination in the process of updating

Around fifty years ago, Rudolph Rhodius set off in the VW bus that he'd converted into a mobile workshop to try out his newly-developed cutting discs in local factories and plants. He brought with him one of the first RHODIUS innovations: resin-bonded abrasive discs produced with a completely new manufacturing method. The unique combination of synthetic resin bonding with fibre glass resulted in astonishingly high levels of safety. As a result, he was able to work with handheld machines not only much safer but also considerably easier. At that time, however, he was unaware of how his philosophy of service and customer care would become part of the RHODIUS DNA.

Together with partner Karl-Hans Heuft, Manfred Rhodius experimented night and day with the aim of discovering a way to automate the production of cutting discs. On 15 April 1960, the first fully functional series was produced using the first semi-automated plant. From that day, Manfred Rhodius has been known as the 'Father of Cutting Discs'.

Both men created outstanding product innovations because they listened to users and took a hands-on approach to production processes. The same has not changed at RHODIUS until today. As a family-run business, we are proud to make day-to-day work that little bit easier for professional users, industry and trade decision-makers, and our retail partners.

The pages that follow give you an impression of how the 'Simplify your work' idea can be found running through every inch of our products and our company.

Let yourself become inspired by the RHODIUS philosophy!

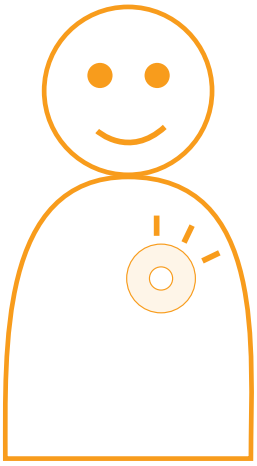
RHODIUS

WHAT'S INSIDE
OUR COMPANY

Every day, we simplify the work of professionals.
Our mission: RHODIUS is family-run business with both a global and local presence, and an innovative manufacturer of high-performance machining tools with a focus on metal working and stone working. As an independent, reliable partner, we guarantee service excellence. Our proactive sales team provides competent advice to our end customers and specialist dealers.

FACTS AND FIGURES

- Part of the Group **Gebrüder RHODIUS GmbH & Co. KG**
- **Formation:** 1952
- **Head office:** Burgbrohl, Germany
- **Employees:** 350, from 29 countries
- **Annual revenue:** EUR 63.7 million
- **Export ratio:** 70%, to over 100 countries



350

EMPLOYEES,

from 29 countries

12 SALES AND MARKETING COMPANIES

throughout the world

- Sales and marketing companies:
  RDACH Germany, Austria & Switzerland, RFR France, RBNL BeNeLux, RPL Poland, RCZSK Czech Republic & Slovakia, RIB Spain & Portugal, RCN China, RKR South Korea, RME Region Middle East, RUS USA, RSCA South & Central America
- Production facilities:
  RBB Burgbrohl, RAP Shanghai

TECHNICAL SUPPORT

from our in-house Application Engineers

> see page 010 for more

KNOW-HOW TRANSFER

with regular training courses

> see page 012 for more

Person to person

HUM

HIGHEST SAFETY STANDARDS

with certified quality as an OSA member

> see page 014 for more

CONTINUOUS INNOVATION

and improvement of product characteristics in our in-house R&D department

> see page 018 for more

RELIABLE LOGISTICS

thanks to intelligently networked sales offices

> see page 020 for more

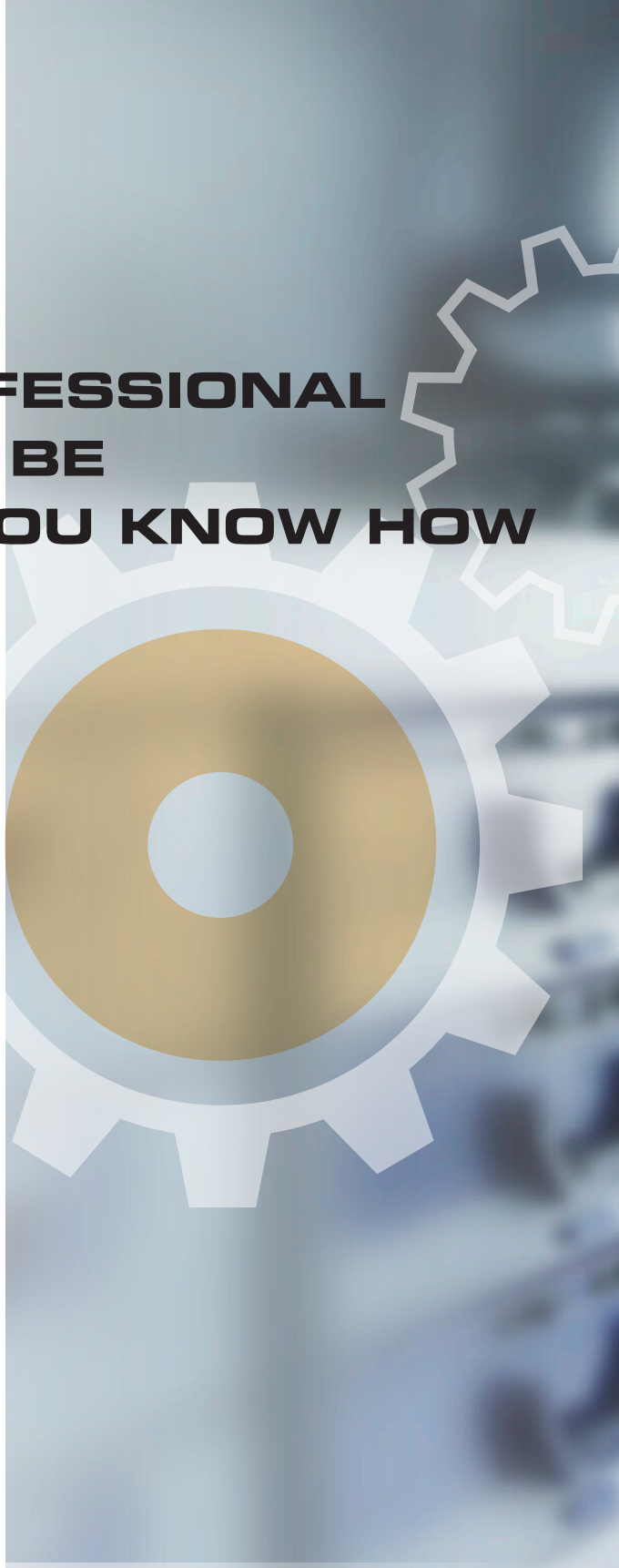
TO human

SATISFACTION GUARANTEED

> see page 016 for more

Ivo Elbe,
applications engineer at RHODIUS

"WORK WITH PROFESSIONAL TOOLS CAN ONLY BE SUCCESSFUL IF YOU KNOW HOW TO USE THEM."



How can different materials be cut, ground and finished cost-effectively with ultra-high precision? That's where our professional know-how comes in. Thanks to our 60-plus years of sales experience from our business partnerships, we know and understand the day-to-day problems and challenges faced by professional users. A thorough understanding of the products and applications is the key to ensuring high-quality workmanship.

Benefit from

- Professional, comprehensive product presentations
- Individual user and dealer support
- **Tailor-made service for dealers:**
  Acquiring new customers together with comprehensive, impressive product pitches

Arrange a meeting with our Application Engineers:
awt@rhodius.de

RHODIUS

Markus Schraivogel,
Applications Engineer and Seminar Coach

"NOT JUST THEORY BUT ALSO TRYING IT OUT FOR YOURSELF – THAT'S WHAT MAKES THE DIFFERENCE."

Comprehensive advice that goes the extra mile for our users – that's not just a promise but the benchmark we use to measure our performance. In our RHODIUS Competence Centre, dealers can try out practical applications so as to learn first-hand about real-world user requirements. The theoretical introduction is given using the latest multimedia equipment in our training room, while hands-on activities take place next door in the Workshop – the heart of our Competence Centre. High-quality support – for better know-how and sales.

Professional users from manufacturing and skilled trades also have the option of taking part in special seminar programmes aimed at improving skills and abilities. These result in optimised processes, improvements to efficiency and reduced costs.

You are also welcome to visit our production units and gain personal insights into the manufacturing and quality/endurance testing of our products.

Experience something new

Register for the next seminar at
www.rhodius-abrasives.com/rcc

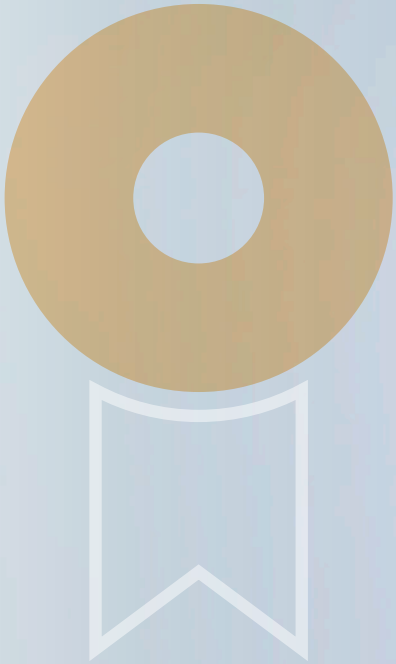
RHODIUS

Helmut Steinmetzler,
Head of Quality Assurance

"ENSURING THE SAFETY OF OUR TOOLS IN DAY-TO-DAY USE IS OUR HIGHEST PRIORITY."

RHODIUS production techniques are unique. Virtually all of our cutting and grinding tools are manufactured by our own high-performance machines.This creates high-end products from a single source able to meet stringent quality and safety requirements.As one of the leading manufacturers of grinding tools, RHODIUS is fully compliant with all national and international legislation, standards and directives. Our quality management system is certified to EN ISO 9001 and therefore guarantees full compliance with applicable regulations. A promise that we make to all of our customers.

There are also good reasons for RHODIUS being a member of the German Abrasives Association (VDS) and the Federation of European Producers of Abrasives (FEPA). Since grinding tools can be extremely dangerous when used incorrectly or improperly, we have drawn up these safety instructions for you as our user, to protect your health and safety and reduce the risk of accidents.



Tip

You can download the FEPA safety guidelines free of charge from: www.rhodius-abrasives.com/infomaterial

HODIUS

Rüdiger Seibold

"SATISFACTION GUARANTEED – THAT'S A GOOD FEELING."

PEACE OF MIND – GUARANTEED.

We're only happy with our tools if you're satisfied as our customer. We strive to offer first-class products that offer all-round performance and make a real difference to working comfort. That's what our customers have relied on for over 60 years. And you can convince yourself of the quality of our products at first hand in your day-to-day work, because all of our products come with our quality and productivity guarantee.

when you purchase a tool from RHODIUS, you have 60 days to try it out and assess its capabilities. Should you ever be unhappy with the quality or performance of a tool, then we offer you the option of either exchanging the product for another at your local dealer or receiving a refund.

Note that this service is offered at selected dealers only. For full details of the guarantee conditions, please ask your participating dealer or visit us online at www.rhodius-abrasives.com

Your benefits

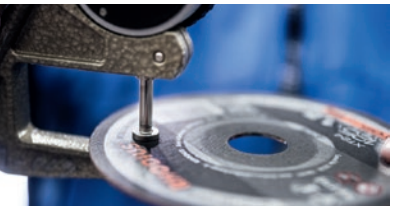
- Peace of mind when choosing products
- Guaranteed product performance
- No-quibble replacement
- Straightforward refund policy

= 100% SATISFACTION

Look for this quality label.
This identifies dealers participating in our satisfaction guarantee programme.

Dr Ernst Benser,
Developer

"INNOVATIONS ARE NOT MADE IN THE LAB BUT ARE THE RESULT OF CAREFUL LISTENING AND OBSERVATION."



Our constant proximity to end users means we know the problems and challenges that customers face in their day-to-day work.

RHODIUS relies on continuous research and development to ensure we can always offer our customers new, ultramodern grinding technology and tailor-made solutions.

Silvia Schick,
Customer Advisor in Inside Sales

"EACH AND EVERY DAY, WE WORK TO DELIVER 100% QUALITY, EXACTLY WHEN AND WHERE IT'S NEEDED."

With our extensive network of sales offices, competent distributors and authorised dealers, RHODIUS maintains a presence throughout the world.
Our customer service consultants are on hand to offer you quick, reliable and competent support. Thanks to our global, high-performance logistics network, we can guarantee reliable shipments from our catalogue range.

At your service

Contact details for our sales and logistics teams

Phone: +49 2636 920 400

Fax: +49 2636 920 124

Email: service@rhodius.de

EXTRA THIN

EXTRA-THIN CUTTING DISCS

for greater precision

> see page 024 for more

EXTENDED

30% MORE PERFOR-MANCE

for extra-thin cutting discs

> see page 026 for more

Simplify your W

BRAINTOOLS®

CLEVER PROBLEM-SOLVERS

for special tasks

> see page 032 for more

ALLROUNDER

GENUINE ALL-ROUNDERS

for multiple application steps

> see page 034 for more

CERAMICON

NEVER-ENDING SHARPNESS

with ceramic grain

> see page 028 for more

HYDRO PROTECT

PERFOR-MANCE PROTECTION

for extra-thin cutting discs

> see page 030 for more

VISION

CONTINUOUS VISUAL MONITORING

while grinding

> see page 036 for more

INTUITIVE PRODUCT FINDER

with a simple grading system. Five steps to the right product

> see page 039 for more

Our range of extremely thin disc products:

- XTK6 EXACT p. 053

EXTRA THIN
maximum precision

MAXIMUM PRECISION WHEN CUTTING.

Our Extra-Thin technology

The processing of high-allow steels, high-strength steels or sheet metal presents users with a special set of challenges. Here, conventional cutting discs often cause considerable burr formation and undesirable tarnish colour, which results in time-consuming rework.
RHODIUS discs with Extra-Thin technology are characterised by their especially thin disc widths, offering impressive features such as outstandingly smooth operation and maximum precision while cutting with noticeably less effort required. Even with especially hard materials such as spring steels or stainless steel sheets, virtually no rework is required, thanks to the precise and cool cut.

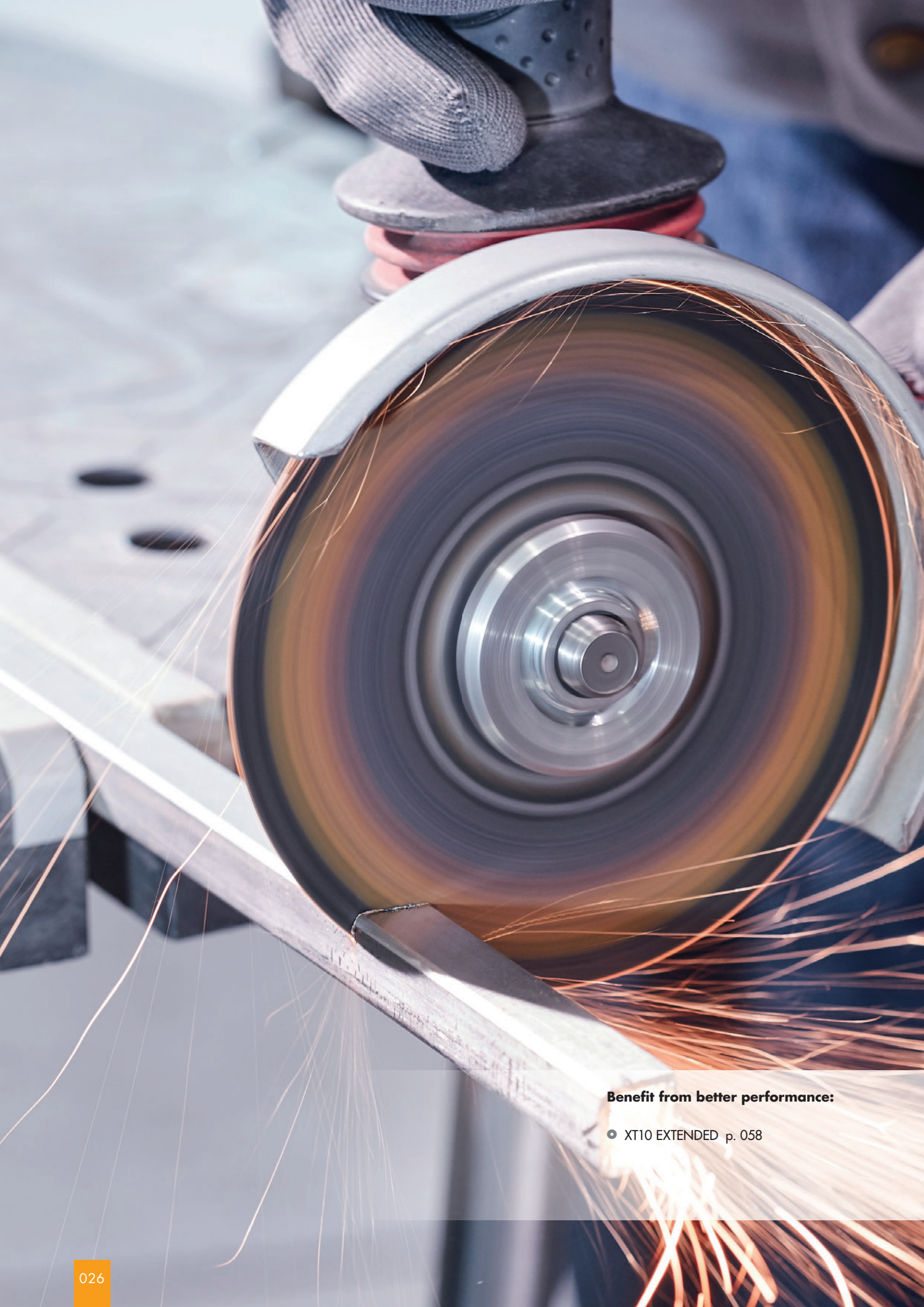
Benefits

- Exceptionally small contact area
- Quick, cool cut
- Reduced blue discolouration
- Precise, burr-free cutting
- Less rework

HOW EXTRA-THIN TECHNOLOGY WORKS using the XTK6 as an example:

With a disc width of just 0.6 mm, the new XTK6 is the world's thinnest cutting disc.

The result: cutting that is even more burr-free and cooler, and noticeably less effort required for each cut.



Benefit from better performance:

- XT10 EXTENDED p. 058

+30%
EXTENDED
The Performance Plus

30% MORE PERFORMANCE.

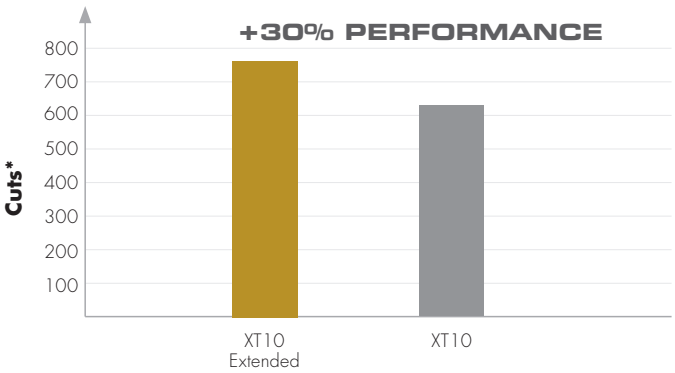
Our Extended technology

Thanks to the use of a completely new manufacturing method, RHODIUS has managed to increase disc performance by up to 30% with the XT10 EXTENDED. Razor-sharp from the start, it achieves an even more precise cut and longer cutting lifetime compared to the standard XT10.It's also an especially quiet, smooth-running and low-vibration disc.
With the new, performance-optimised Extended disc, you therefore enjoy significant savings on costs per cut and reduced setup times – measurable cost savings. The XT10 EXTENDED is currently available in the diameters of 115 and 125 × 1.0 mm.

Benefits

- Especially quiet, smooth-running and low-vibration work
- Sharp from the start
- Measurably more economical
- Significantly reduced costs per cut
- Precise cuts

THE MOST COMFORTABLE CUTTING DISC
THE XT10 EXTENDED



*Cutting of 1.4301 stainless steel, solid material, Ø 16 mm, automated test TM 2

Discover our high-performance line:

- XT100 p. 058
- XT200 p. 062
- SVS HD p. 080
- RS480 p. 122
- RS580 SPEED p. 120
- VISION SPEED p. 139
- JUMBO SPEED p. 143
- LSK FK p. 145
- KFK p. 154
- ESB CX p. 164
- SVS QUICK HD p. 177
- KFK QUICK p. 178
- ESB CL p. 160

CERAMICON

Around triple the lifetime

PROACTIVE POWER FOR AGGRESSIVE STOCK REMOVAL.

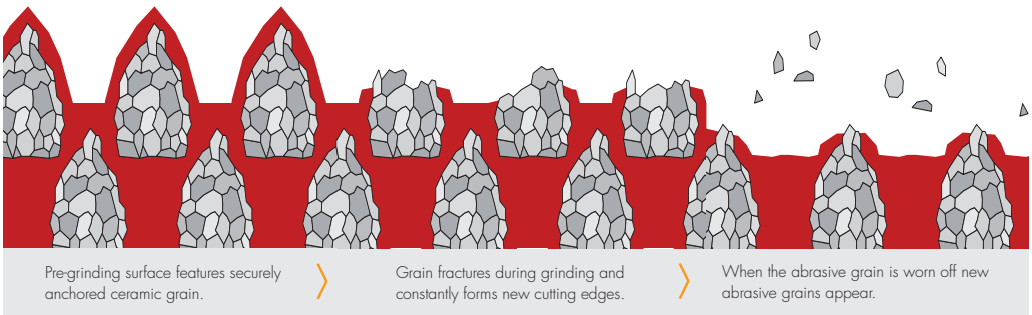
Our Ceramicon technology

Superior cutting efficiency and maximum stock removal are the key features of the heavy-duty CERAMICON range. Aiming to exploit the full potential of self-sharpening ceramic grains, we have created a bond that perfectly matches the properties of the grain. The results are impressive from the first cut, ensuring greater productivity and less physical effort.

Benefits

- **Higher performance** – thanks to maximum stock removal performance and speed
- **Virtually clog-free**
- **Saves time** – spend more time on the workpiece and less time changing discs
- **Cost savings** – improved efficiency and reduced abrasive consumption
- **Around triple the lifetime** – due to ceramic grain (compared to a normal AO self-fastening disc)

CERAMICON TECHNOLOGY – HOW IT WORKS



Benefit from better long-term performance:

- XTK6 EXACT p. 053
- XT8 EXACT p. 057
- XT10/EXTD. p. 058
- XT20 p. 063
- XT24 p. 065
- XT38 p. 059
- XT67 p. 063
- XT100 p. 058
- XT200 p. 062
- XTK8 EXACT p. 058
- XTK10/EXTD. p. 059
- XTK20 p. 063
- XTK35 CROSS p. 054
- XTK38 p. 059
- XTK67 p. 064

HYDRO PROTECT
aging
performance

PERFORMANCE PROTECTOR FOR EXTRA-THIN CUTTING DISCS.

Our HydroProtect technology

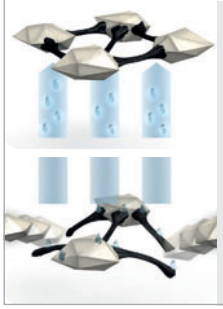
Resin-bonded abrasive discs age and their performance degrades with time, even if they are not being used.
Since moisture accelerates ageing, RHODIUS has developed HydroProtect, a formula that slows the ageing process while retaining abrasive disc performance over the long term.
This offers key benefits for buying departments and dealer stock-keeping while ensuring long-term high performance for trade professionals.

Benefits

- Lasts longer in storage
- Better long-term performance
- More cuts per disc
- Excellent value for money

HYDROPROTECT TECHNOLOGY – HOW IT WORKS

Conventional abrasive disc



During storage, atmospheric humidity penetrates between the cutting disc's bond matrix and abrasive grain.

The bond is weakened and the grain breaks off uselessly during the cutting processes.

HydroProtect abrasive disc

The formulation is modified to create a protective barrier layer that envelopes the abrasive grains.

Premature breakout of the abrasive grains is reduced, working to optimise the performance and efficiency of the cutting disc.

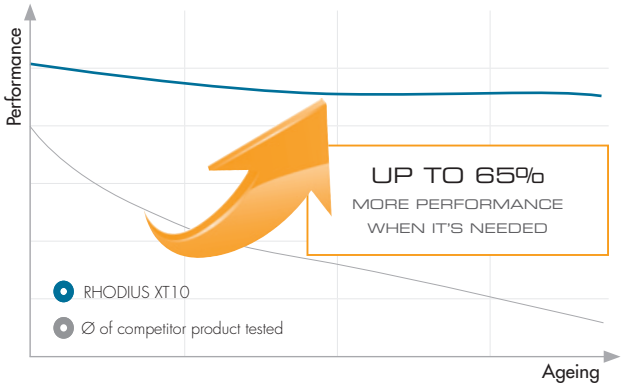


*Diagram showing performance losses by disc loss from the Rhodius XT10 versus the average of key market competitors offering extra-thin stainless steel cutting discs. Ageing test in an accelerated alternating climate: Final value after 7 days, equivalent to ageing of 7–10 months under real-world conditions. Performance test: disc loss in mm after combined machine test (20 cuts in 15 × 15 × 1.5 mm 1.4301 stainless steel pipe + 10 cuts in solid material, Ø 14.00 mm, 1.4571 stainless steel, with FRA 1.4 kW angle grinder). (Feb 2014)

An independent performance test reveals the difference: an ageing process of roughly 7 to 10 months was simulated in the test – the typical time frame for disc storage before first use. While conventional grinding discs suffer their greatest performance losses in the first weeks after production (cf. diagram*), the HydroProtect technology suppresses ageing due to moisture, to ensure that the XT10 retains almost its full performance capabilities even after spending months in storage.

Our smart product line:

- XTK6 EXACT p. 053
- XTK35 CROSS p. 054
- FS1 FUSION p. 119
- VSK VISION p. 142
- LD200 SPEED p. 227
- LD402/403 ALL IN ONE p. 224

SMART PROBLEM-SOLVERS FOR SPECIAL ASSIGNMENTS

Our Braintools technology

Seeing a problem as a challenge is one of the keys to our success. Good examples of this attitude are our BRAINTOOLS – a dedicated product line that offers unique solutions for special tasks. Quite simply because it is possible to make things simpler.

Tools from the Braintools range offer a unique set of features that transform them into one-of-a-kind problem-solvers. With their specific benefits such as time savings, operator comfort and less material discolouration, Braintools are the unbeatable added-value solution: maximum efficiency with maximum cost-effectiveness.

Benefits

- **Innovative, intelligent problem solvers** for making work simpler
- **Time savings** thanks to optimum compatibility with work requirements
- **Greater efficiency and cost-effectiveness**
- **Improved user benefits**

HOW BRAINTOOLS TECHNOLOGY WORKS using the VISION as an example:

The special cutouts on the flap discs from the Vision series make the discs turn transparent when rotating.

Your benefit: you can see what and how you are grinding, to ensure a controlled material abrasion and excellent surface quality. Apart from the ventilation effect, a special coating used on the belt also ensures cool grinding.

Meet our all-rounders:

- XTK35 CROSS p. 054
- VSK VISION p. 142
- LD402/LD403 ALL IN ONE p. 224

ALL ROUNDER

multifunctional tools

MULTIPLE WORK STEPS WITH JUST ONE TOOL.

Our All-Rounder technology

The professional user's working day often presents a number of complex challenges to master before the perfect result can be achieved. If work steps can be omitted or combined into a single procedure, this not only makes work considerably easier but also saves time while improving both efficiency and cost-effectiveness.
RHODIUS All-Rounders are specially developed products that offer special, universal competencies for multiple work applications or steps. The smart combination of multiple product characteristics and the specific modification of existing products results in a significant lightening of the workload for users.

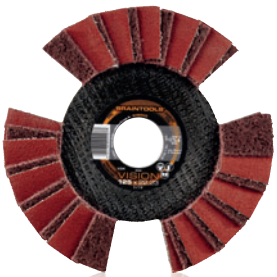
Benefits

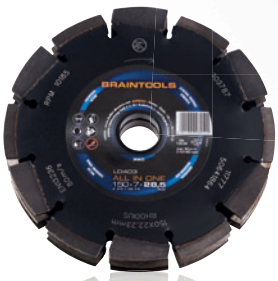
BRAINTOOLS®

- Demanding jobs made significantly easier
- Multiple work steps can be combined
- Efficiency improvements
- Saves time and money

HOW ALL-ROUNDER TECHNOLOGY WORKS using the XTK35 CROSS as an example:

The product not only combines the Braintools and HydroProtect technologies but is also the first disc to offer combined cutting and grinding work in a single step – and with a thickness of just 1.9 mm! The disc's three full-surface fabric layers provide robust reinforcement and superior lateral stability. By simply changing the working angle, grinding work such as deburring, chamfering and dressing can be completed without changing disc or machine, right after safely completing a cut with the same disc.





Four ways to a better perspective:

- VISION PRO p. 141
- VISION COOL p. 140
- VISION SPEED p. 139
- VSK VISION p. 142

VISION
perspective
on grinding

CONTINUOUS VISUAL MONITORING WHILE GRINDING.

Our Vision technology

The flap discs from the Vision series become transparent through their cutouts when rotating.

Your benefit: Thanks to a perfectly matched row of abrasive grains, you can see what and how much you are grinding to ensure a controlled material abrasion and excellent surface quality. With the Speed and Cool discs, the ventilation effect is supplemented by a special belt coating that also works to ensure cool grinding.

Benefits

BRAINTOOLS®

- Controlled material abrasion with an unimpeded view while grinding
- Cool grinding
- Excellent surface quality
- Less discolouration

VISION TECHNOLOGY – HOW IT WORKS

100% QUALITY
FOR ANY USER

Our knowledge of cutting and grinding is virtually second-to-none.
Developed by professionals for professionals, RHODIUS products represent a wealth of individual solutions to problems that optimally match various industry requirements and specialist applications. Of course, you do need to be prepared to make careful observations and talk to users, so as to understand how the working materials are processed in the various industries. The resulting products from our unique manufacturing technologies are premium, Made in Germany tools offering unparalleled quality. Here, too, we stay true to our guiding principle of 'Simplify your work': our products are available in three different quality references. So you only ever pay for and get the level of RHODIUS and innovation that you actually need.

OUR THREE QUALITY REFERENCES:

TOPLINE ●●●

TOPline products offer the professional user the greatest range of product benefits, reliability and working comfort at an optimum price/performance ratio.

PROLINE ●●○

PROline products have been designed to meet particularly high quality requirements and frequent use in trade and industry. They offer a good price/performance ratio while being especially cost-effective.

ALPHALINE ●○○

ALPHAline products are reliable grinding tools with an attractive price/performance ratio for the cost-conscious professional.

5 STEPS
TO THE RIGHT PRODUCT

1 **Select type of processing**
e.g. cutting

Cutting

2 **Select product type**
e.g. extra-thin cutting discs

EXTRA-THIN
CUTTING DISCS

3 **Select material to be processed**
e.g. steel

4 **Quality reference**
e.g. TOPLINE

TOPLINE

5 **Select dimensions and type**
Width, cutting edge, shape, grain, wire thickness

Colour code for material
Disc width
Unit of measurement

mm: 1,0–1,9

e.g. cutting or grinding disc

Colour code for material
Segment height
Unit of measurement

mm: 7,5

e.g. diamond cutting disc

Colour code for material
Carbide burr shape

WRC

e.g. tungsten carbide burrs

Colour code for material
Grain

40/60/80/120

e.g. flap discs, coated abrasives

Colour code for material
Wire thickness
Unit of measurement

mm: 0,20–0,30

e.g. technical brushes

A general overview with explanations of the symbols used can be found on the fold-out flap at the end of the catalogue.

PRODUCT QUICK FINDER

Cutting

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Stone
Extra-thin cutting discs	XTK6 EXACT	053				
	XT35 CROSS	054				
	XTK8 EXACT MINI	055				
	XT10 MINI	056				
	XT8 EXACT	057				
	XT100	058				
	XT10	058				
	XT38	059				
	XT70	060				
	XT15	061				
	XT200	062				
	XT20	063				
	XT67	063				
	XT77	064				
	XT24	065				
	XT66	066				
Freehand cutting discs	FT38	067				
	FT26	068				
	FT67	069				
	FT33	070				
	KSM	071				
	FT30	071				
	FT24	072				
	FT44	073				
	FT40	074				
Stationary cutting discs	ST38	075				
	ST56	076				
	ST34	077				
	ST21	077				

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PRODUCT QUICK FINDER

Cleaning

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood
Non-woven cleaning abrasives	SVS HD	080				
	SVS	081				
	SVS Mini	081				
	SVS GS	081				
	SVS PIN	082				
Wheel brushes	ERBZ	088				
	ERBW	089				
	ERBWBM	089				
	SRBZ	090				
	SRBZGS	091				
	SRBWGS/K	091				
	SRBWBM	092				
	MRBWBM	092				
	SRBWST	092				
	MRBWST	092				
	HRB	093				
Cup brushes	ETBZ	094				
	ETBW	095				
	STBZ	096				
	STBZ S	097				
	STBW	097				
	MTBW	097				
	STBWGS/K	098				
	STBWBM	098				
	MTBWBM	098				
	HTB	099				
Bevel brushes	EKBZ	100				
	EKBW	101				
	SKBZ	102				
	SKBW	103				
	MKBW	103				

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Stone
End brushes	EPBZ	104				
	EPBW	105				
	SPBZ	106				
	SPBW/K	107				
	MPBW	107				
	HPB	108				
Hand scratch brushes	EHBG	109				
	EHBW	110				
	UHBW	110				
	EKNB	110				
	SHBG	111				
	BSBG	112				
	SKNB	112				
	MHBW	113				
	MHBG	114				
	ZKB	114				
	BSBW	114				

PRODUCT QUICK FINDER

Grinding

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Stone
Grinding discs	FS1 FUSION	119				
	RS580 SPEED	120				
	RS480	122				
	RS38	123				
	RS28	123				
	RS50 LONGLIFE	124				
	RS67	125				
	RS2	125				
	RS22	126				
	KSM	126				
	RS24	127				
	RS66	128				
Cup wheels	NK	129				
	SIC	131				
Grinding wheels	SR15	130				

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PRODUCT QUICK FINDER

Grinding/polishing

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood	Stone
Flap discs*	VISON SPEED	139					
	VISION COOL	140					
	VISION PRO	141					
	VSK VISION	142					
	JUMBO SPEED	143					
	JUMBO LONGLIFE	144					
	LSK FK	145					
	LSZ F	146					
	LSZ F1	147					
	LSZ P1	148					
	LSZ F2	148					
	LSZ F3	150					
	LSA F1	151					
	LSA P1	152					
	LGA ALU	152					
Non-woven flap discs	VLS	153					
Fibre discs	KFK	154					
	KFZ	155					
	KFS	156					
	SFA	157					
	SFC	157					
Abrasive belts	ESB CL	160					
	ESB ZL	161					
	ESB KK	162					
	ESB V	163					
	ESB CX	164					
	ESB ZX	164					
	ESB KX	165					
	ESB VX	165					
Abrasive sleeves	ESH	166					
	SSH	167					
Flap wheels	SLR	169					
	FS MINI	170					
	FS	170					
Non-woven flap wheels	VSK	172					
	VS	173					

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood	Paint
Drums	SVSW	174					
	LW/BW	175					
	VWK	175					
	VW	176					
	FW / FBW	176					
Quick-Change Discs	SVS QUICK HD	177					
	LSZ QUICK	178					
	KFK QUICK	178					
	KFZ QUICK	179					
	KFS QUICK	179					
	VLS QUICK	180					
	VKS QUICK	181					
Rolls	SPBR	182					
	KERR	183					
	KFPR	184					
	SLPR	184					
Abrasive sheets	KKBR	185					
	WSP	186					
	KFPB	186					
	SLPB	187					
Self-fastening discs	KSN V	188					
	KSF15 V	189					
	SKP15 FLEX V	190					
	SKP15 V	190					
	SKP15 WHITE V	191					
	ZSKP V	192					
	KERR V	192					
	KERR V F & KERR V B	193					
	VLS V	193					
Non-woven abrasives	VLSR	195					
	VLS PAD	196					
Unitised discs	VKS KN	197					
	VKSG WS	198					
	VKS GS	198					
Felt polishing flap discs	FLS	200					
	FLP	201					
	FPK	201					
Satin finish/ polishing rings	SAT	202					
	POL	202					
Pastes	PASTE	203					

*Flap discs are less suitable for use when processing aluminium. To achieve good results when processing this material, use silicone-free cutting spray or grinding grease, which will prevent flap discs clogging too quickly.

PRODUCT QUICK FINDER

Milling

		FROM PAGE	Stainless steel	Steel	Cast iron	Non-ferrous metals
Carbide burrs	HF A	207				
	ALPHA HF A	207				
	HF B	208				
	ALPHA HF B	208				
	HF C	209				
	ALPHA HF C	209				
	HF D	210				
	ALPHA HF D	210				
	HF E	211				
	HF F	211				
	ALPHA HF F	212				
	HF G	212				
	ALPHA HF G	213				

		FROM PAGE	Stainless steel	Steel	Cast iron	Non-ferrous metals
Carbide burrs	HF H	213				
	ALPHA HF H	213				
	HF J	214				
	HF K	214				
	HF L	215				
	ALPHA HF L	215				
	HF M	216				
	ALPHA HF M	216				
	HF N	216				
	HF SET	217				

Diamond tools

	Product reference	FROM PAGE	Concrete	Asphalt	Natural stone	Tiles/ ceramics
Cutting discs	LD402/LD403 ALL IN ONE	224				
	RH403S	225				
	LD410 SPEED	226				
	LD200 SPEED	227				
	LD100 MATRIX	228				
	LD45	229				
	LD2	229				
	LD40	230				
	LD50	230				
	DG70	230				
	DG210 ALLCUT	231				
	LD70	232				
	LD60	233				
	LD4	234				
	DG100 MATRIX	235				
	DG35	235				
	DG55	236				

	Product reference	FROM PAGE	Concrete	Asphalt	Natural stone	Tiles/ ceramics
Cutting discs	DG10	237				
	DG15	238				
	LD1	238				
	DG45	238				
	DG25	239				
	DG50	239				
Cup wheels	DS1	240				
	DS2	241				
	DS10	241				
	DS40	242				
	DS41	242				
Core drills	CD10	243				
	CD15	244				
	CD20	244				
	CDS	244	Accessories			
Tile drills	CD30	245				
	CD40	245				

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Tool sets

Professional tool set: Stainless steel polishing
More on page 248

Professional tool set: Automotive
More on page 249

Professional tool set: Aluminium rims polishing
More on page 248

Professional tool set: Weld grinding
More on page 249

Occupational safety

Safety goggles SE10
More on page 252

Leather gloves SE30
More on page 253

Ear muffs SE20
More on page 252

Dust mask SE40
More on page 253

CUTTING

CONTENTS

EXTRA-THIN CUTTING DISCS 055

FREEHAND CUTTING DISCS 067

STATIONARY CUTTING DISCS 075

HIGHLIGHTS

XTK6 EXACT

- Precise cut without requiring excessive force
- Minimal burr formation saves time-consuming reworking
- Cool cut minimises tarnish colours and material distortion

Page 053

XTK35 CROSS

- Extra-thin cutting and grinding with a single disc
- Cutting/deburring/chamfering/dressing with a single disc
- Three full-surface fabric layers for extra safety

Page 054

SPECIAL TECHNOLOGIES

More information on page 032

More information on page 028

More information on page 030

More information on page 034

THE OPTIMUM CUTTING DISC

A cutting disc can achieve its maximum performance potential only if it perfectly matches the machine and application. Here we present a compact overview of what you need to look for when selecting a product and the key differences between cutting discs.

WHAT ARE YOU LOOKING FOR?

Extra-thin cutting discs ≤ 1.9 mm

Our extra-thin cutting disc models are identified with the product code XT. With a maximum disc width of 1.9 mm, they are the ideal tool for processing both thin-walled materials and solid materials.

Benefits

- Considerably lighter cut due to less friction on the workpiece
- Minimal thermal stress
- Reduced blueing
- Virtually burr-free cut
- Less time-consuming rework

Freehandcutting discs > 1.9 mm

Cutting discs with a disc width greater than 1.9 mm can be identified by the code FT within the product name. They are suitable for heavy-duty work, such as the freehand cutting of structural and tool steels.

Benefits

- Greater stability due to special fabric reinforcement
- High cutting speed
- Long lifetime
- Comfortable cutting behaviour
- Economical

HIGH-PERFORMANCE TOOL AND MACHINE COMBINATION

Very high-performance discs require powerful drive machinery to fully exploit the considerable potential of the cutting disc. Identify the output power of your machine and select a matching cutting disc.

		High-power machines start from …				
		∅ 100	∅ 115	∅ 125	∅ 180	∅ 230
Machine type	Compressed air	> 450 W	> 650 W	> 850 W	> 1,600 W	> 1,900 W
	Electric	> 550 W	> 1,000 W	> 1,200 W	> 2,000 W	> 2,200 W

Softer discs for low-power machines

Select a softer disc. Thanks to the softer bond, the abrasive grain can be released more easily.

- High cutting ability

With hard discs, low-power machines cannot generate the force required to release new abrasive grains.

Result: Cutting ability degrades and the disc becomes blunt.

Harder discs for high-power machines

Select a hard disc from the RHODIUS high-quality TOPline or PROline ranges.

- Very long lifetime and high cutting ability

With soft discs, high-power machines result in the rapid disintegration of the bond.

Result: The disc's lifetime is dramatically shortened.

YOUR FASTEST WAY

TO THE RIGHT PRODUCT

CUTTING

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

			Extra-thin cutting discs														Freehand cutting discs									Stationary cutting discs			
		Reference	XTK6	XT8 EXACT (MINI)	XTK35 CROSS	XT100	XT10 (MINI)	XT15 ACCU	XT38	XT70	XT200	XT20	XT67	XT77	XT24	XT66	FT38	FT26	FT67	FT33	KSM	FT30	FT24	FT44	FT40	ST38	ST56	ST34	ST21
		Page	053	055	054	058	056/058	061	059	060	062	063	063	064	065	066	067	068	069	070	071	071	072	073	074	075	076	077	077
		Quality reference	TOP_NL ●●●	TOP_NL ●●●	TOP_NL ●●●	TOP_NL ●●●	TOP_NL ●●●	TOP_NL ●●●	PRO_NL ●●○	ALPHA_NL ●○○	TOP_NL ●●●	TOP_NL ●●●	PRO_NL ●●○	ALPHA_NL ●○○	TOP_NL ●●●	TOP_NL ●●●	TOP_NL ●●●	ALPHA_NL ●○○	TOP_NF ●●●	PRO_NF ●●○	ALPHA_NF ●○○	PRO_NF ●●○	TOP_NF ●●●	PRO_NF ●●○	PRO_NF ●●○	TOP_NF ●●●	PRO_NF ●●○	ALPHA_NF ●○○	ALPHA_NF ●○○
Material	Workpiece material strength	Machine performance	Lifetime																										
Stainless steel	< 3 mm	low		●	●	○	◐	◐	●	●	◐							○	◐										
		high		●	●	◐	●	●	○	◐	○							◐	○							◐			
	> 3 mm	low		◐	◐	◐	○	○	●	●	◐							◐	●										
		high		○	○	●	●	●	○	●	○							●	○							●			
Structural steel/sheet metal	< 3 mm	low		●	●	◐	○	○	●	◐	◐	◐	◐	●	●			○	○	○	○	○							
		high		●	●	●	◐	◐	○	◐	○	●	●	●	◐			◐	○	◐	◐	◐							
	> 3 mm	low		○	○	◐	○	○	●	◐	◐	◐	◐	●	●			◐	◐	◐	●	◐				○	◐	●	◐
		high		○	○	●	◐	◐	○	◐	○	●	●	●	◐			◐	○	●	◐	◐	●			◐	●	○	◐
Rebar		low				◐	◐	◐	◐	◐	○	◐	◐	●	●			◐	◐	●	●	◐				○	◐	●	◐
		high				●	◐	◐		◐	○	●	●	●	◐			◐	◐	●	●	●	●		○	◐	●	○	◐
High-strength/high-alloy steel		low		○	○	◐	○	○	○	●	◐	◐	◐	●	●			◐	◐	◐	◐	◐				○	◐	●	◐
		high		○	○	●	●	●		●	◐	●	●	●	◐			◐	◐	●	◐	◐	◐			◐	●	○	◐
Tool steels		low		●	●	○	○	○	◐	◐	◐	◐	◐	●	●			◐	◐	◐	◐	◐				○	◐	●	◐
		high		◐	◐	◐	◐	◐		◐	○	●	●	●	◐			◐	◐	●	◐	◐	○			◐	●	○	◐
Hardened steel		low		◐	◐	○	○	○	◐	◐	◐	◐	◐	●	●			◐	◐	◐	◐	○				○	◐	●	◐
		high		◐	◐	◐	◐	◐		◐	○	●	●	●	◐			◐	◐	◐	◐	◐	○			◐	●	○	◐
Hardox		low		◐	◐	○	◐	◐	◐	◐	◐	●	●	◐	○			◐	◐	○	○	○				○	◐	●	◐
		high		◐	◐	◐	●	●		◐	◐	●	●	◐	◐			●	◐	◐	◐	○	◐			◐	●	○	◐
Plastic-coated sheet metal	< 3 mm			●	●	○	◐	◐	◐	◐	◐																		
Refined-grain construction steel				○	○	○				●	◐							◐	◐							○		●	
Aluminium	< 3 mm			◐	◐		○	○		○	○					●							◐						
	> 3 mm			○	○		○	○		○	○					●	○						●	○	○				
Bronze, brass				◐	◐		○	○		○	○					◐	◐						●						
Titanium				○	○	○	○	○		○	○					○	●							○	○				
Cast iron						○																		●	○		●		●
Natural/artificial stone																	○							◐	◐				
Tiles/ceramic																	●												
Plastics				●	●																								

CUTTING

5 STEPS TO TOP PERFORMANCE

1 Metal ring with expiry date
Centred and secure fixing in the machine

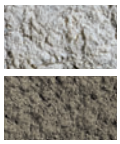
2 Paper label
All product and safety information on every disc

3 Fibre glass
Strong, high-quality fabric for greater safety during cutting

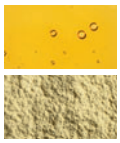
5 Fibre glass
Second fabric reinforcement

4 Mix

Abrasive grain
The corresponding grain or an optimum mix of different grain types needs to be selected depending on which materials are being cut.



Active grinding filling materials
As well as high-quality grain types, Rhodius cutting discs also contain abrasive additives that actively optimise your cutting work.



Bond
Optimum bonding of abrasive grains to suit the application and machine performance is a decisive factor in increasing cost-effectiveness and achieving the best possible cutting and grinding results.

CUTTING

WORKING SPEED

The maximum permissible working speed is shown on each grinding tool in m/s.

50 m/s | 63 m/s | 80 m/s | 100 m/s

V[m/sec]	50	63	80	100
d1[mm]	rpm			
30	31830	40105	50900	63660
40	23870	30080	38200	47750
50	19100	24060	30560	38200
65	14690	18510	23500	29380
75	12565	15830	20100	25130
100	9550	12030	15280	19100
110	8680	10940	13890	17360
115	8300	10460	13285	16610
125	7640	9630	12200	15280
150	6370	8020	10185	12730

V[m/sec]	50	63	80	100
d1[mm]	rpm			
180	5310	6685	8600	10610
200	4775	6015	7640	9550
230	4150	5230	6600	8300
250	3820	4810	6110	7640
300	3180	4010	5100	6365
350	2730	3440	4365	5460
400	2380	3010	3820	4775
450	2120	2675	3395	4245
500	1910	2405	3060	3820
600	1590	2005	2550	3180

Further application tips for our cutting discs can be found at **www.sharpgrinding.com**

CUTTING

THE LABEL

Material symbols
for the material to be processed:

Colour coding system

- Stainless steel/steel
- Steel
- Stone
- Non-ferrous metals
- Cast iron

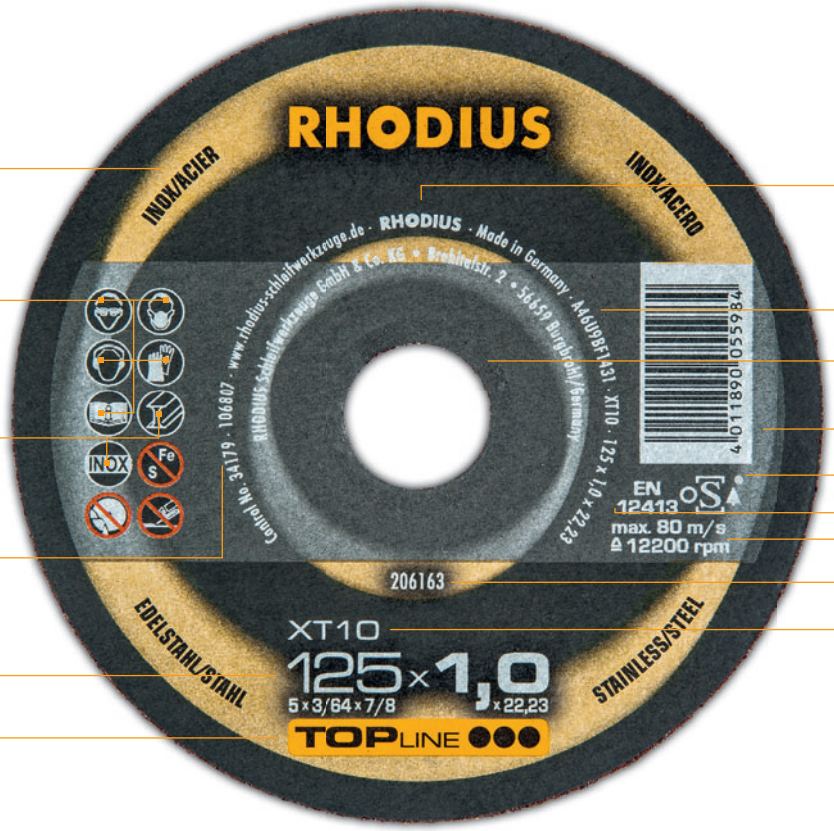
Dimensions
in mm and inches

125 × 1,0

Disc diameter in mm — Disc width

Quality reference

TOPLINE ●●●
PROLINE ●●○
ALPHALINE ●○○



1 Safety pictograms
See overview on fold-out at end of catalogue

2 Material pictograms
See overview on fold-out at end of catalogue

3 Traceability code

4 Info ring with expiry date

5 Name of manufacturer

6 ISO reference see p. 051

7 EAN barcode

8 oSa mark
see p. 014

9 European standard for bonded abrasive products

10 Maximal permissible working speed
see p. 050

11 Part number

12 Product reference

CUTTING

THE MARK

Abrasive marking according to EN 12413:

The grain type, grain size, hardness, structure, bond and code are indicated on the abrasive product.

A 24 U 9 BF 1337

Abrasive grain

A Standard aluminium oxide
Z Zirconium
C Silicon carbide

For graduations within the individual grain qualities, numbers may be added in front of the letter for the abrasive grain, e.g.:

30A Semi-friable aluminium oxide
54A Pink aluminium oxide
56A White aluminium oxide
89A Special aluminium oxide

Grain size

Grain size in MESH acc. to FEPA standard:

04 to **24** coarse
30 to **60** Medium
70 to **220** fine

Degree of hardness

The hardness grade is specified with the letters **A** to **Z**. The hardness increases from **A** to **Z**.

Structure

The structure is identified by the numbers **0** to **14**. The higher the number, the more open the structure, and the more porous the abrasive.

Bonding types

B Synthetic resin bonding
BF Fibre-reinforced synthetic resin bonding

Key

The key contains company-internal information.

EXTRA-THIN
CUTTING DISCS

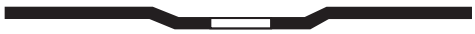
Extra-thin cutting discs have a smaller friction surface. This allows a fast and cool cut.

This avoids blueing of the workpiece. Cutting with fewer burrs also saves the user any tiresome reworking.

The chapter on "Extra-thin cutting discs" contains an outline of all cutting discs up to a maximum width of disc of 1.9 mm.

PRODUCT ADVANTAGES:

- Low development of burrs
- Few sparks
- High cutting speed
- Long lifetime
- Cool cut
- Low odour



Select the depressed shape for more stability during the cutting process

NEW!

EFFICIENT CUTTING

WITH MAXIMUM PRECISION

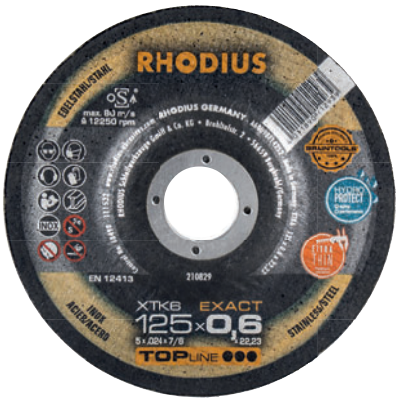
XTK6 EXACT

TOPLINE

mm: 0,6

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

Even less burr formation and even less thermal stress – leading to reduced discoloration. The XTK6 EXACT – the thinnest disc impresses with its ultra-low-noise operation. Thanks to the exceptionally precise, clean and almost burr-free cut, virtually no follow-up work is required. Although just 0.6 mm thick, this slim disc easily cuts very hard materials such as spring steel, stainless steel sheet, etc. Plenty of power in a small form factor: the narrow cut means virtually no contact pressure is required – making work easier and less tiring.



Material:
- Rust- and acid-proofed steels
- High-alloy steels
- High-strength steels
- High-strength sheet metal
- Plastic-coated sheet metal
- Painted sheet metal

Typical applications:
- Threaded rods
- Thin-walled sheet metal
- Thin-walled tubes
- Thin-walled sections
- Cable ducts
- Corrugated sheets
- Trapezoidal profiles

Shape 42

XTK6 EXACT

				Product category	EAN/pc. GTIN/pc.
115 × 0.6 × 22.23	13285	50	210828	PK01	4011890112915
125 × 0.6 × 22.23	12200	50	200829	PK01	4011890112939

Abrasive marking according to EN 12413: A60U9BF14252

Ideal for secture repairs with I-seams

XTK6 EXACT IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

FOR SAFE CUTTING AND GRINDING

IN ONE OPERATION

mm:
1,9

XTK35 CROSS

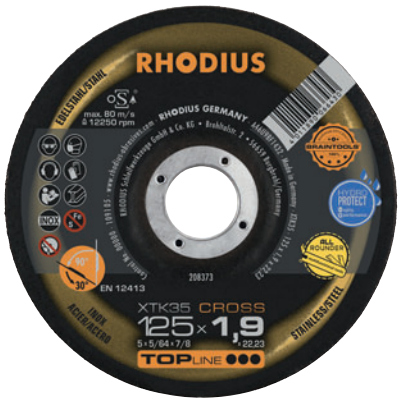
TOPLINE ●●●

●●●●●● Lifetime
●●●●●○ Cutting ability for solid material
●●●○○○ Cutting ability for thin-walled material

The XTK35 CROSS is the first disc to offer combined effective cutting and grinding work in a single step – and with a thickness of just 1.9 mm! The disc's three full-face fabric layers provide robust reinforcement, superior lateral stability and special safety. By simply changing the working angle, grinding work such as deburring, chamfering and dressing can be completed without changing disc or machine, right after safely completing a cut with the same disc.

- Extra-thin cutting and grinding with a single disc
- No disc change
- Safe through three full-face fabric layers

Enables cutting and grinding in one step – with a disc thickness of 1.9 mm.



Material:
- Rust- and acid-proofed steels
- Hardened, high-alloy and high-strength steels
- Tool steels
- Structural steels
- Galvanised parts
- Painted metal sheets
- High tensile metal sheets
- Hardox

Typical applications:
- Cutting
- Chamfering
- Burr removing
- Dressing
- Solid materials
- Thin sheets, tubes and sections
- Plastic-coated metal sheets
- Structural steel mats/rebar
- Folded spiral seam tubes

XTK35 CROSS — Shape 27

				Product category	EAN/pc. GTIN/pc.
115 × 1.9 × 22.23	13285	25	208372	PK01	4011890066423
125 × 1.9 × 22.23	12200	25	208373	PK01	4011890066430

Abrasive marking according to EN 12413: A46U9BF1432

Extra-thin cutting and grinding with one disc

XTK35 CROSS IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

+49 2636 920 400 | +49 800 664 5394 | service@rhodius.de | www.rhodius-abrasives.com

EXTRA-THIN MINIATURE CUTTING DISCS / **STAINLESS STEEL**

Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- Hardox
- High-strength sheet metal
- Plastic-coated sheet metal

Especially well-suited for cutting confined, hard-to-reach areas. To be used with matching mandrels for the ASB XT straight grinder.

All cutting discs for stainless steel are Iron and sulphur free. Do NOT switch between standard steel and stainless steel when processing workpieces.

Iron and sulphur free

XT8 EXACT MINI

TOPLINE

mm: 0,8

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

Compatible with ASB XT mandrel. 0.8 mm thin cutting disc for exceptionally precise, clean and almost burr-free cut.

- Optimal for cutting work at difficult to reach places
- Precise cut through 0.8 mm disc width
- Little bur formation

Matching mandrel ASB XT see page 056

XT8 EXACT MINI

				Product category	EAN/pc. GTIN/pc.
30 × 0.8 × 6.00	50900	50	207056	PK01	4011890059838
40 × 0.8 × 6.00	38200	50	207058	PK01	4011890059845
50 × 0.8 × 6.00	30560	50	207060	PK01	4011890059852
65 × 0.8 × 6.00	23500	50	207067	PK01	4011890059890

Abrasive marking according to EN 12413: A60U9BF1433

Shape 41

mm:
1,0–2,0

XT10 MINI

TOPLINE ●●●

●●●●●● Lifetime
●●●●●○ Cutting ability for solid material
●●●●●● Cutting ability for thin-walled material

Compatible with ASB XT mandrel. Ultra high-performance thin cutting disc for most demanding user requirements.

- Optimal for cutting work at difficult to reach places
- Long lifetime
- Fewer sparks

Matching mandrel ASB XT see below

Shape 41

XT10 MINI

				Product category	EAN/pc. GTIN/pc.
50 × 1.0 × 6.00	30560	50	206799	PK01	4011890058107
50 × 2.0 × 6.00	30560	25	206800	PK01	4011890058114
65 × 1.0 × 6.00	23500	50	206801	PK01	4011890058121
65 × 2.0 × 6.00	23500	25	206802	PK01	4011890058138
75 × 1.0 × 6.00	20100	50	209338	PK01	4011890084151
75 × 1.0 × 10.00	20100	50	206803	PK01	4011890058145
75 × 2.0 × 10.00	20100	25	206804	PK01	4011890058152

Abrasive marking according to EN 12413: A46U9BF1432

ASB XT

Mandrel for RHODIUS mini cutting disc. The maximum permissible peripheral speed when using the mandrel is 50 m/s.

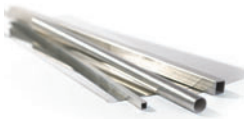
- Compatible with 6 mm or 10 mm hole
- 6 mm shaft

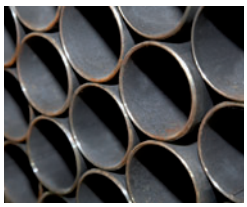
The maximum permissible peripheral speed when using this mandrel is 50 m/s

ASB XT

			Product category	EAN/pc. GTIN/pc.
6 mm	1	303194	PK01	4011890059326
10 mm	1	303195	PK01	4011890064733

STATIONARY CUTTING DISCS / **STAINLESS STEEL**





Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- Hardox
- High-strength sheet metal
- Plastic-coated sheet metal

All cutting discs for stainless steel are Iron and sulphur free. Do NOT switch between standard steel and stainless steel when processing workpieces.

Iron and sulphur free

80 m/s

XT8 EXACT

TOPLINE

mm: **0,8**

The 0.8 mm cutting disc with ultra low-noise operation. Produces a precise and nearly burr-free cut.

- Precise cut, less force required
- Minimum bur formation for less rework
- Cool cut reduces tarnish colours and material distortion

Especially for low-power machines and battery-powered angle grinders

Lifetime ●●●●○○
Cutting ability for solid material ●●○○○○
Cutting ability for thin-walled material ●●●●●●

XT8 EXACT

				Product category	EAN/pc. GTIN/pc.
115 × 0.8 × 22.23	13285	50	210057	PK01	4011890094983
125 × 0.8 × 22.23	13285	25	210800	PK01	4011890057650
125 × 0.8 × 22.23	12200	50	210058	PK01	4011890095003

Abrasive marking according to EN 12413: A60U9BF1433

Shape 41

Shape 42

XTK8 EXACT

				Product category	EAN/pc. GTIN/pc.
115 × 0.8 × 22.23	13285	50	206683	PK01	4011890057643
125 × 0.8 × 22.23	12200	50	206684	PK01	4011890057650

Abrasive marking according to EN 12413: A60U9BF1433

mm: 1,0–1,9

XT100

TOPLINE ●●●

●●●●●● Lifetime
●●●●●● Cutting ability for solid material
●●●●●● Cutting ability for thin-walled material

Cutting disc with ceramic abrasive grain.
For aggressive cutting performance and a long lifetime with high-volume grinding.

- Cutting disc with ceramic abrasive grain
- High cutting speed
- Little bur formation

Shape 41

XT100

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	25	210220	PK01	4011890096291
115 × 1.5 × 22.23	13285	25	210221	PK01	4011890096307
125 × 1.0 × 22.23	12200	25	210222	PK01	4011890096314
125 × 1.5 × 22.23	12200	25	210223	PK01	4011890096321
150 × 1.5 × 22.23	10185	25	210224	PK01	4011890096338
180 × 1.5 × 22.23	8600	25	210225	PK01	4011890096345
230 × 1.9 × 22.23	6600	25	210226	PK01	4011890096352

Abrasive marking according to EN 12413: A36U0BF13679

mm: 1,0–1,9

XT10 EXTENDED

TOPLINE ●●●

●●●●●● Lifetime
●●●●●○ Cutting ability for solid material
●●●●●● Cutting ability for thin-walled material

Ultra high-performance thin cutting disc for demanding user requirements.

- Little bur formation
- High cutting speed
- Fewer sparks

Shape 41

XT10

				Product category	EAN/pc. GTIN/pc.
100 × 1.0 × 15.00	15280	25	208775	PK01	4011890072547
100 × 1.0 × 16.00	15280	50	209822	PK01	4011890094129
115 × 1.0 × 22.23	13285	50	206162	PK01	4011890055977
115 × 1.5 × 22.23	13285	50	206164	PK01	4011890055991
125 × 1.0 × 22.23	12200	50	206163	PK01	4011890055984
125 × 1.5 × 22.23	12200	50	206165	PK01	4011890056004
150 × 1.5 × 22.23	10185	25	206258	PK01	4011890056103
180 × 1.5 × 22.23	8600	25	206259	PK01	4011890056110
230 × 1.9 × 22.23	6600	25	206260	PK01	4011890056127

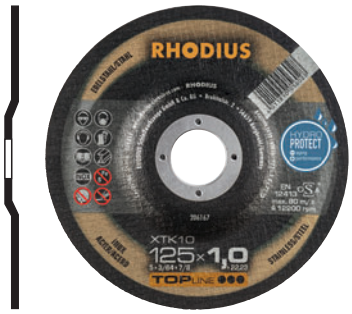
Abrasive marking according to EN 12413: A46U9BF1432

XTK10

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	206166	PK01	4011890056011
115 × 1.5 × 22.23	13285	50	206168	PK01	4011890056035
125 × 1.0 × 22.23	12200	50	206167	PK01	4011890056028
125 × 1.5 × 22.23	12200	50	206169	PK01	4011890056042
180 × 1.5 × 22.23	8600	25	206262	PK01	4011890056141
230 × 1.9 × 22.23	6600	25	206263	PK01	4011890056158

Abrasive marking according to EN 12413: A46U9BF1432

Shape 42



80 m/s

XT38

PROLINE

mm: 1,0–1,9

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

HYDRO PROTECT aging performance

Extra-thin cutting disc offering a long lifetime and optimal price-performance ratio.

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines

XT38

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	204619	PK01	4011890051580
115 × 1.5 × 22.23	13285	50	203877	PK01	4011890050576
125 × 1.0 × 22.23	12200	50	204621	PK01	4011890051597
125 × 1.5 × 22.23	12200	50	203881	PK01	4011890050583
150 × 1.5 × 22.23	10185	25	205700	PK01	4011890054239
180 × 1.5 × 22.23	8600	25	205701	PK01	4011890054246
230 × 1.9 × 22.23	6600	25	205702	PK01	4011890054253

Abrasive marking according to EN 12413: A46U9BF1415

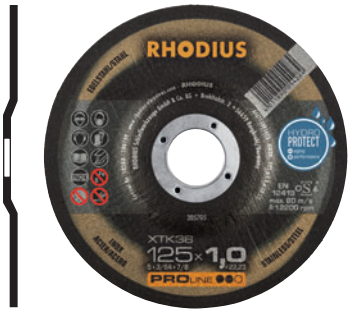
Shape 41

XTK38

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	205707	PK01	4011890054307
115 × 1.5 × 22.23	13285	50	205706	PK01	4011890054291
125 × 1.0 × 22.23	12200	50	205705	PK01	4011890054284
125 × 1.5 × 22.23	12200	50	205704	PK01	4011890054277
150 × 1.0 × 22.23	10185	25	209497	PK01	4011890090008
180 × 1.5 × 22.23	8600	25	205721	PK01	4011890054468
230 × 1.9 × 22.23	6600	25	205703	PK01	4011890054260

Abrasive marking according to EN 12413: A46U9BF14123

Shape 42



mm:
1,0–1,9

XT70

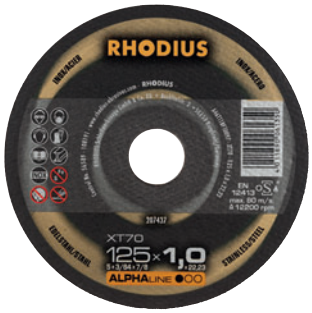
ALPHALINE ●○○

●●●●○○ Lifetime
●●●○○○ Cutting ability for solid material
●●●●●○ Cutting ability for thin-walled material

A reliable cutting disc for the cost-conscious professional.
Ideal for low-power machines.

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines



Shape 41

XT70

				Product category	EAN/pc. GTIN/pc.
125 × 1.0 × 22.23	12200	25	210798	PK01	4011890061350
125 × 1.5 × 22.23	12200	25	210799	PK01	4011890061374
100 × 1.0 × 16.00	13285	50	208697	PK01	4011890071007
115 × 1.0 × 22.23	13285	50	209041	PK01	4011890076385
115 × 1.0 × 22.23	13285	50	207436	PK01	4011890061343
115 × 1.5 × 22.23	13285	50	207438	PK01	4011890061367
125 × 1.0 × 22.23	12200	50	209042	PK01	4011890076392
125 × 1.0 × 22.23	12200	50	207437	PK01	4011890061350
125 × 1.5 × 22.23	12200	50	207439	PK01	4011890061374

Abrasive marking according to EN 12413: A46T11BF10097

Shape 42

XTK70

				Product category	EAN/pc. GTIN/pc.
150 × 1.0 × 22.23	10185	25	209511	PK01	4011890090268
180 × 1.5 × 22.23	8600	25	208121	PK01	4011890064856
230 × 1.9 × 22.23	6600	25	208122	PK01	4011890064863

Abrasive marking according to EN 12413: A46T11BF11058

mm:
1,0–1,5

XT70 BOX

ALPHALINE ●○○

●●●●○○ Lifetime
●●●○○○ Cutting ability for solid material
●●●●●○ Cutting ability for thin-walled material

The reliable cutting disc for the cost-conscious professional.
10 × XT70 in the re-closable box.

- High cutting speed
- Fewer sparks

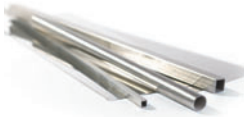
Shape 41

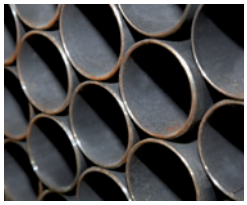
XT70 BOX

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	10 × 10	207808	PK01	4011890063071
115 × 1.5 × 22.23	13285	10 × 10	207878	PK01	4011890064382
125 × 1.0 × 22.23	12200	10 × 10	207809	PK01	4011890063026
125 × 1.5 × 22.23	12200	10 × 10	207879	PK01	4011890064467

Abrasive marking according to EN 12413: A46T11BF10097

CUTTING DISCS FOR BATTERY-POWERED GRINDERS / **STAINLESS STEEL**





Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- Hardox
- High-strength sheet metal
- Plastic-coated sheet metal

Extra-thin cutting discs. Specially designed for use with battery-powered angle grinders. High cutting speed. Power-saving operation for an extended battery life.

All cutting discs for stainless steel are Iron and sulphur free. Do NOT switch between standard steel and stainless steel when processing workpieces.

XT15 ACCU BOX

TOPLINE

mm: **1,0**

Ensures a long and gentle operating time of the battery.
10 × XT15 ACCU in the re-closable tin box.

- Optimised for use with battery-powered angle grinders
- High cutting speed

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

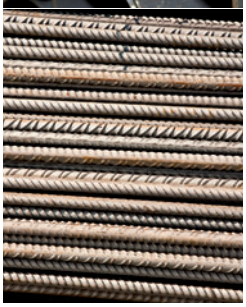
XT15 ACCU BOX

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	10	210247	PK01	4011890096734
125 × 1.0 × 22.23	12200	10	210248	PK01	4011890096758

Abrasive marking according to EN 12413: A46U9BF3797

Shape 41

STATIONARY CUTTING DISCS / **STEEL**



Rhodius steel cutting discs are matched to process carbon steel and produce cost-effective cutting results.

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal
- Rebar

mm:
1,0–1,9

XT200

TOPLINE ●●●

80 m/s

●●●●●● Lifetime
●●●●●● Cutting ability for solid material
●●●●●● Cutting ability for thin-walled material

Extra-thin cutting disc with ceramic abrasive grain.
For aggressive and long-lasting cutting performance.

- Little bur formation
- High cutting speed
- Fewer sparks

HYDRO PROTECT – aging – performance

CERAMICON – Around triple the lifetime

Shape 41

XT200

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	25	210227	PK01	4011890096369
115 × 1.5 × 22.23	13285	25	210228	PK01	4011890096376
125 × 1.0 × 22.23	12200	25	210229	PK01	4011890096383
125 × 1.5 × 22.23	12200	25	210230	PK01	4011890096390
150 × 1.5 × 22.23	10185	25	210231	PK01	4011890096406
180 × 1.5 × 22.23	8600	25	210232	PK01	4011890096413
230 × 1.9 × 22.23	6600	25	210233	PK01	4011890096420

Abrasive marking according to EN 12413: 78A36U0BF13682

80 m/s

XT20

TOPLINE

mm: 1,0–1,9

HYDRO PROTECT aging performance

A reliable cutting disc for the cost-conscious professional. Ideal for low-power machines.

- Little bur formation
- High cutting speed
- Fewer sparks

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

XT20

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	206170	PK01	4011890056059
115 × 1.5 × 22.23	13285	50	206172	PK01	4011890056073
125 × 1.0 × 22.23	12200	50	206171	PK01	4011890056066
125 × 1.5 × 22.23	12200	50	206173	PK01	4011890056080
150 × 1.5 × 22.23	10185	25	206264	PK01	4011890056165
180 × 1.5 × 22.23	8600	25	206265	PK01	4011890056172
230 × 1.9 × 22.23	6600	25	206266	PK01	4011890056189

Abrasive marking according to EN 12413: A46U9BF1430

Shape 41

XTK20

				Product category	EAN/pc. GTIN/pc.
180 × 1.5 × 22.23	8600	25	206312	PK01	4011890056370
230 × 1.9 × 22.23	6600	25	206313	PK01	4011890056387

Abrasive marking according to EN 12413: A46U9BF14333

Shape 42

80 m/s

XT67

PROLINE

mm: 1,0–1,9

HYDRO PROTECT aging performance

Extra-thin cutting disc offering a long lifetime and optimal price-performance ratio.

- Little bur formation
- High cutting speed
- Fewer sparks

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

XT67

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	205425	PK01	4011890053201
115 × 1.5 × 22.23	13285	50	202378	PK01	4011890043288
125 × 1.0 × 22.23	12200	50	205426	PK01	4011890053218
125 × 1.5 × 22.23	12200	50	202384	PK01	4011890043301
150 × 1.5 × 22.23	10185	25	205709	PK01	4011890054321
180 × 1.5 × 22.23	8600	25	205710	PK01	4011890054338
230 × 1.9 × 22.23	6600	25	205711	PK01	4011890054345

Abrasive marking according to EN 12413: 74A30T11BF1367

Shape 41

Shape 42

XTK67

				Product category	EAN/pc. GTIN/pc.
180 × 1.5 × 22.23	8600	25	206034	PK01	4011890055533
230 × 1.9 × 22.23	6600	25	206773	PK01	4011890057926

Abrasive marking according to EN 12413: 74A30T11BF1379

mm: 1,0–1,9

XT77

ALPHALINE ●○○

80 m/s

●●●●○○ Lifetime
●●●○○○ Cutting ability for solid material
●●●●○○ Cutting ability for thin-walled material

A reliable cutting disc for the cost-conscious professional.
Optimised for steel applications. Also ideal for low-power machines.

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines

Shape 41

XT77

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	208698	PK01	4011890071021
115 × 1.5 × 22.23	13285	50	208699	PK01	4011890071038
125 × 1.0 × 22.23	12200	50	208700	PK01	4011890071045
125 × 1.5 × 22.23	12200	50	208701	PK01	4011890071052
150 × 1.5 × 22.23	10185	25	208861	PK01	4011890073766
230 × 1.9 × 22.23	6600	25	209744	PK01	4011890093283

Abrasive marking according to EN 12413: A46M11BF11075

Shape 42

XTK77

				Product category	EAN/pc. GTIN/pc.
180 × 1.5 × 22.23	8600	25	208702	PK01	4011890071069
230 × 1.9 × 22.23	6600	25	208703	PK01	4011890071076

Abrasive marking according to EN 12413: A46M11BF11337

EXTRA-THIN CUTTING DISCS / **NON-FERROUS METALS**

Special fillers prevent disc clogging

Aluminium dust is very fine: even with extraction, it can still accumulate in the angle grinder and destroy it. Air grinders are less sensitive to dust. If you are cutting aluminium with an electrical angle grinder, using a thin aluminium cutting disc will reduce dust production by half. Clean the angle grinder with compressed air after each operation. Proper extraction is mandatory in closed rooms since high levels of aluminium dust in the air can cause explosions.

80 m/s

XT24

TOPLINE

mm: **1,0–1,9**

HYDRO PROTECT aging performance

Extra-thin cutting disc with special fillers to prevent disc clogging.
Also ideal for low-power machines.

- Little bur formation
- High cutting speed

Ideal for low-power machines

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

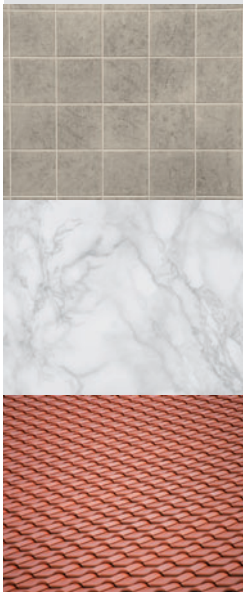
XT24

				Product category	EAN/pc. GTIN/pc.
115 × 1.0 × 22.23	13285	50	210450	PK01	4011890098806
115 × 1.5 × 22.23	13285	50	205910	PK01	4011890055106
125 × 1.0 × 22.23	12200	50	210451	PK01	4011890098820
125 × 1.5 × 22.23	12200	50	205911	PK01	4011890055113
150 × 1.5 × 22.23	10185	25	205912	PK01	4011890055120
180 × 1.5 × 22.23	8600	25	205913	PK01	4011890055137
230 × 1.9 × 22.23	6600	25	205914	PK01	4011890055144

Abrasive marking according to EN 12413: A24P-BF26

Shape 41

EXTRA-THIN CUTTING DISCS / **STONE**



Extra-thin cutting discs offer a low-dust cut with little edge chipping.

Material:
- Concrete products/screed
- Limestone
- Artificial stone
- Natural stone
- Marble
- Titanium

mm:
1,5 – 1,9

XT66

TOPLINE ●●●

80 m/s

●●●●●● Lifetime
●●●●●○ Cutting ability for solid material
●●●●●● Cutting ability for thin-walled material

Cuts tiles to leave a clean cutting edge. Good cutting performance on titanium.
Also ideal for low-power machines.

- Little edge chipping
- High cutting speed
- Low-dust cut

Ideal for low-power machines

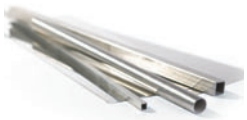
Shape 41

XT66

				Product category	EAN/pc. GTIN/pc.
115 × 1.5 × 22.23	13285	50	204625	PK01	4011890051641
125 × 1.5 × 22.23	12200	50	204624	PK01	4011890051658
180 × 1.9 × 22.23	8600	25	204623	PK01	4011890051665
230 × 1.9 × 22.23	6600	25	204622	PK01	4011890051672

Abrasive marking according to EN 12413: C36R8BF1416

FREEHAND CUTTING DISCS / **STAINLESS STEEL**



Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Tool steels
- Hardened steels
- Hardox
- High-strength sheet metal

All cutting discs for stainless steel are Iron and sulphur free. Do NOT switch between standard steel and stainless steel when processing workpieces.

Iron and sulphur free

80 m/s

FT38

TOPLINE

mm: 2,0–3,0

High-performance freehand cutting disc for a powerful cut with maximum service life.
Iron and sulphur free.

- Long service life
- Easy cutting
- High cutting speed

Lifetime ●●●●○○
Cutting ability for solid material ●●●●●○
Cutting ability for thin-walled material ●●●○○○

FT38

				Product category	EAN/pc. GTIN/pc.
115 × 2.0 × 22.23	13285	25	207444	PK02	4011890061435
125 × 2.0 × 22.23	12200	25	206377	PK02	4011890056516
180 × 2.0 × 22.23	8600	25	206374	PK02	4011890056530
180 × 3.0 × 22.23	8600	25	201113	PK02	4011890005507
230 × 2.5 × 22.23	6600	25	206373	PK02	4011890056547
230 × 3.0 × 22.23	6600	25	201122	PK02	4011890005545
125 × 3.0 × 22.23	12200	25	203886	PK02	4011890051351

Abrasive marking according to EN 12413: A24U9BF1337

Shape 42

FTK38

				Product category	EAN/pc. GTIN/pc.
100 × 2.0 × 16.00	15280	25	201082	PK02	4011890005361
115 × 2.0 × 22.23	13285	25	207440	PK02	4011890061398
115 × 3.0 × 22.23	13285	25	201086	PK02	4011890005392
125 × 2.0 × 22.23	12200	25	207441	PK02	4011890061404
125 × 3.0 × 22.23	12200	25	201095	PK02	4011890005439
180 × 2.0 × 22.23	8600	25	207442	PK02	4011890061411
180 × 3.0 × 22.23	8600	25	201099	PK02	4011890005460
230 × 2.5 × 22.23	6600	25	207443	PK02	4011890061428
230 × 3.0 × 22.23	6600	25	201102	PK02	4011890005484

Abrasive marking according to EN 12413: A24U9BF1338

mm:
2,0–2,5

FT26

ALPHALINE ●○○

●●●●○○ Lifetime
●●●●○○ Cutting ability for solid material
●●●○○○ Cutting ability for thin-walled material

A reliable cutting disc for the cost-conscious professional.
Iron and sulphur free.

- Long service life
- Comfortable cutting behaviour
- Easy cutting

Shape 41

FT26

				Product category	EAN/pc. GTIN/pc.
115 × 2.0 × 22.23	13285	25	208724	PK02	4011890071533
125 × 2.0 × 22.23	12200	25	208725	PK02	4011890071557
180 × 2.0 × 22.23	8600	25	208726	PK02	4011890071571
230 × 2.5 × 22.23	6600	25	208727	PK02	4011890071595

Abrasive marking according to EN 12413: A24R13BF11698

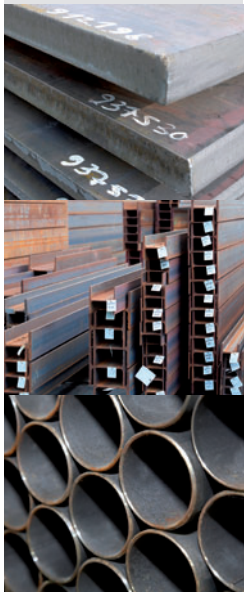
Shape 42

FTK26

				Product category	EAN/pc. GTIN/pc.
115 × 2.0 × 22.23	13285	25	208728	PK02	4011890071618
125 × 2.0 × 22.23	12200	25	208729	PK02	4011890071632
180 × 2.0 × 22.23	8600	25	208730	PK02	4011890071656
230 × 2.5 × 22.23	6600	25	208731	PK02	4011890071670

Abrasive marking according to EN 12413: A24R13BF11698

FREEHAND CUTTING DISCS / **STEEL**



Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal
- Rebar

Rhodius steel cutting discs are matched to process carbon steel and produce cost-effective cutting results.

80 m/s

FT67

TOPLINE

mm: **2,5**

Ultra high-performance freehand cutting disc for demanding user requirements.

- Long service life
- Easy cutting
- High cutting speed

Lifetime ●●●●●●
Cutting ability for solid material ●●●●●●
Cutting ability for thin-walled material ●●●●●○

FT67

				Product category	EAN/pc. GTIN/pc.
115 × 2.5 × 22.23	13285	25	202390	PK02	4011890012895
125 × 2.5 × 22.23	12200	25	202396	PK02	4011890012932
180 × 2.5 × 22.23	8600	25	202403	PK02	4011890012970
230 × 2.5 × 22.23	6600	25	202417	PK02	4011890013045

Abrasive marking according to EN 12413: 74A30T11BF1367

Shape 41

Shape 42

FTK67

				Product category	EAN/pc. GTIN/pc.
115 × 2.5 × 22.23	13285	25	202392	PK02	4011890012918
125 × 2.5 × 22.23	12200	25	202398	PK02	4011890012956
180 × 2.5 × 22.23	8600	25	202407	PK02	4011890012994
230 × 2.5 × 22.23	6600	25	202410	PK02	4011890013014

Abrasive marking according to EN 12413: 74A30T11BF1379

mm:
2,0–3,0

FT33

PROLINE ●●○

80 m/s

●●●●○○ Lifetime
●●●●●○ Cutting ability for solid material
●●●●○○ Cutting ability for thin-walled material

Versatile cutting disc that offers a good price-performance ratio.

- High cutting speed
- Comfortable cutting behaviour
- Easy cutting

Shape 41

FT33

				Product category	EAN/pc. GTIN/pc.
100 × 2.0 × 16.00	15280	25	200736	PK02	4011890003770
115 × 2.0 × 22.23	13285	25	200961	PK02	4011890004784
115 × 3.0 × 22.23	13285	25	200719	PK02	4011890003718
125 × 2.0 × 22.23	12200	25	200969	PK02	4011890004814
125 × 3.0 × 22.23	12200	25	200755	PK02	4011890003893
150 × 2.0 × 22.23	10185	25	200782	PK02	4011890049013
150 × 3.0 × 22.23	10185	25	200773	PK02	4011890003985
180 × 2.0 × 22.23	8600	25	200975	PK02	4011890004845
180 × 3.0 × 22.23	8600	25	200786	PK02	4011890004050
230 × 2.0 × 22.23	6600	25	200979	PK02	4011890004869
230 × 3.0 × 22.23	6600	25	200807	PK02	4011890004159

Abrasive marking according to EN 12413: A24Q-BF20

Shape 42

FTK33

				Product category	EAN/pc. GTIN/pc.
100 × 2.0 × 16.00	15280	25	200840	PK02	4011890004357
100 × 3.0 × 16.00	15280	25	200843	PK02	4011890004388
115 × 2.0 × 22.23	13285	25	200983	PK02	4011890004883
115 × 3.0 × 22.23	13285	25	200853	PK02	4011890004432
125 × 2.0 × 22.23	12200	25	200988	PK02	4011890004913
125 × 3.0 × 22.23	12200	25	200891	PK02	4011890004517
150 × 3.0 × 22.23	10185	25	200922	PK02	4011890004609
180 × 2.0 × 22.23	8600	25	200992	PK02	4011890004944
180 × 3.0 × 22.23	8600	25	200928	PK02	4011890004630
230 × 2.0 × 22.23	6600	25	200995	PK02	4011890004968
230 × 3.0 × 22.23	6600	25	200943	PK02	4011890004722

Abrasive marking according to EN 12413: A24Q-BF21

KSM

ALPHALINE ●○○

mm: 2,0–3,0

The industry-standard metal cutting disc for the cost-conscious professional.
Cuts easily with a good service life.

- High cutting speed
- Easy cutting
- Comfortable cutting behaviour

Lifetime ●●●●○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●○○○

KSM

				Product category	EAN/pc. GTIN/pc.
115 × 3.0 × 22.23	13285	25	200539	PK02	4011890002858
125 × 3.0 × 22.23	12200	25	200543	PK02	4011890002872
150 × 3.0 × 22.23	10185	25	200548	PK02	4011890002896
180 × 3.0 × 22.23	8600	25	200509	PK02	4011890002780
230 × 3.0 × 22.23	6600	25	200550	PK02	4011890002919

Abrasive marking according to EN 12413: A24P-BF25

Shape 41

KSMK

				Product category	EAN/pc. GTIN/pc.
100 × 2.0 × 16.00	15280	25	200629	PK02	4011890003268
115 × 3.0 × 22.23	13285	25	200631	PK02	4011890003282
125 × 3.0 × 22.23	12200	25	200636	PK02	4011890003305
180 × 3.0 × 22.23	8600	25	200643	PK02	4011890003343
230 × 3.0 × 22.23	6600	25	200652	PK02	4011890003367

Abrasive marking according to EN 12413: A24P-BF33

Shape 42

FT30

≤ 300 mm ≥ 350 mm

PROLINE ●●○

mm: 3,0–4,0

Ultra high-performance cutting disc for petrol-driven and electrical cutting machines.

- Extra reinforcement for high lateral forces
- Long service life
- High cutting speed

Lifetime ●●●●●●
Cutting ability for solid material ●●●●●○
Cutting ability for thin-walled material ●●●○○○

FT30

				Product category	EAN/pc. GTIN/pc.
300 × 3.0 × 20.00	5100	25	201142	PK02	4011890005637
300 × 3.0 × 22.23	5100	25	201150	PK02	4011890005699
300 × 3.0 × 25.40	5100	25	201166	PK02	4011890005804
350 × 4.0 × 20.00	5460	10	201182	PK02	4011890005910
350 × 4.0 × 22.23	5460	10	201184	PK02	4011890005934
350 × 4.0 × 25.40	5460	10	201187	PK02	4011890005958

Abrasive marking according to EN 12413: A24P-BF511

Shape 41

FREEHAND CUTTING DISCS / **NON-FERROUS METALS**

Special fillers prevent disc clogging

Proper extraction is mandatory in closed rooms since high levels of aluminium dust in the air can cause explosions.

Material:
- Non-ferrous metals
- Bronze
- Brass
- Bearing metal
- Al/Mg alloys

mm: **2,0–2,5**

FT24

TOPLINE ●●●

●●●●○○ Lifetime
●●●●●● Cutting ability for solid material
●●●●●○ Cutting ability for thin-walled material

Freehand cutting disc with special fillers.
Fillers prevent disc clogging even during prolonged use.

- High cutting speed
- Cool cut
- No clogging

Shape 41

FT24

				Product category	EAN/pc. GTIN/pc.
125 × 2.0 × 22.23	12200	25	202460	PK02	4011890013267
180 × 2.5 × 22.23	8600	25	201048	PK02	4011890005200
230 × 2.5 × 22.23	6600	25	201055	PK02	4011890005255

Abrasive marking according to EN 12413: A24P-BF26

Shape 42

FTK24

				Product category	EAN/pc. GTIN/pc.
115 × 2.0 × 22.23	13285	25	201064	PK02	4011890005309
125 × 2.0 × 22.23	12200	25	201070	PK02	4011890005347
230 × 2.5 × 22.23	6600	25	201079	PK02	4011890034354

Abrasive marking according to EN 12413: A24P-BF34

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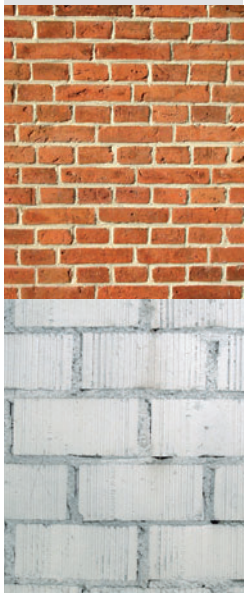
FREEHAND CUTTING DISCS / **STONE**



Material:
- Concrete products/screed
- Limestone
- Artificial stone
- Natural stone
- Marble
- Hard aluminium

Do you need to cut asphalt? Our resin-bonded cutting disc FT40 or the diamond cutting discs LD60 and LD70 produce ideal results.

80 m/s

FT44

PROLINE ●●○

mm: **2,0–3,0**

Lifetime ●●●●○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●○○○

Dependable freehand cutting disc with less edge chipping. Usable in many applications.

- High cutting speed
- Cool cut
- Easy cutting

FT44

				Product category	EAN/pc. GTIN/pc.
100 × 2.5 × 16.00	15280	25	201737	PK02	4011890009512
115 × 3.0 × 22.23	13285	25	201750	PK02	4011890009581
125 × 3.0 × 22.23	12200	25	201743	PK02	4011890009543
180 × 3.0 × 22.23	8600	25	201764	PK02	4011890009666
230 × 3.0 × 22.23	6600	25	201788	PK02	4011890009796

Abrasive marking according to EN 12413: C30Q-BF47

Shape 41

Shape 42

FTK44

				Product category	EAN/pc. GTIN/pc.
100 × 2.0 × 16.00	15280	25	201804	PK02	4011890009901
115 × 3.0 × 22.23	13285	25	201810	PK02	4011890009932
125 × 3.0 × 22.23	12200	25	201838	PK02	4011890010006
150 × 3.0 × 22.23	10185	25	201863	PK02	4011890010075
180 × 3.0 × 22.23	8600	25	201867	PK02	4011890010099
230 × 3.0 × 22.23	6600	25	201873	PK02	4011890010136

Abrasive marking according to EN 12413: C30Q-BF48

mm:
3,0–4,0

FT40

≤ 300 mm ≥ 350 mm

PROLINE ●●○

●●●●○○ Lifetime
●●●●○○ Cutting ability for solid material
●●●○○○ Cutting ability for thin-walled material

High-performance cutting disc for use with petrol-driven and electrical cutting machines.

- High cutting speed
- Cool cut
- Easy cutting

Shape 41

FT40

				Product category	EAN/pc. GTIN/pc.
300 × 3.0 × 20.00	5100	25	201910	PK02	4011890010372
300 × 3.0 × 25.40	5100	25	201912	PK02	4011890010396
350 × 4.0 × 20.00	5460	10	201933	PK02	4011890010549
350 × 4.0 × 25.40	5460	10	201940	PK02	4011890010587

Abrasive marking according to EN 12413: C24R-BF610

STATIONARY CUTTING DISCS / **STAINLESS STEEL**

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Tool steels
- Hardened steels
- Hardox
- High-strength sheet metal

Please note that stationary cutting discs are NOT suitable for freehand cutting

Iron and sulphur free

ST38

TOPLINE

mm: 2,5–3,0

Lifetime
Cutting ability for solid material
Cutting ability for thin-walled material

Stationary stainless steel disc designed specifically for chop saw use. High zircon content. Iron and sulphur free.

- High cutting speed
- Long service life
- Easy cutting

ST38

				Product category	EAN/pc. GTIN/pc.
300 × 2.5 × 25.40	5100	10	209498	PK03	4011890090015
350 × 2.5 × 25.40	4365	10	209499	PK03	4011890090022
400 × 3.0 × 25.40	3820	10	209500	PK03	4011890090039

Abrasive marking according to EN 12413: 31A24P9-BF13083

Shape 41

STATIONARY CUTTING DISCS / **STEEL**

Please note that stationary cutting discs are NOT suitable for freehand cutting

Material:

- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox
- Rebar

mm: **3,0–5,0**

ST56

PROLINE ●●○

●●●●○○ Lifetime
●●●●○○ Cutting ability for solid material
●●●○○○ Cutting ability for thin-walled material

Stationary cutting disc with high stock removal performance.
Extra exterior reinforcement for use at high working speeds.

- High cutting speed
- Suitable also for cast-iron parts

Shape 41

ST56

				Product category	EAN/pc. GTIN/pc.
300 × 3.0 × 25.40	6365	10	201397	PK03	4011890007518
350 × 3.5 × 25.40	5460	10	201415	PK03	4011890007655
400 × 4.0 × 40.00	4775	10	201432	PK03	4011890007808
500 × 5.0 × 40.00	3820	10	201457	PK03	4011890007990

Abrasive marking according to EN 12413: A24R-BF564

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80 m/s

ST34

ALPHALINE ●○○

mm: 2,5–3,0

Lifetime ●●●○○○
Cutting ability for solid material ●●●●○○
Cutting ability for thin-walled material ●●●○○○

Stationary cutting disc with high stock removal performance.
Ideal for use with portable workshop machines (up to 3 kW) and chop saws.

- High cutting speed
- Long service life
- Easy cutting

ST34

				Product category	EAN/pc. GTIN/pc.
300 × 2.5 × 25.40	5100	10	201510	PK03	4011890008379
300 × 3.0 × 25.40	5100	10	201507	PK03	4011890008348
300 × 3.0 × 32.00	5100	10	206523	PK03	4011890057407
350 × 2.5 × 25.40	4365	10	201518	PK03	4011890008430
350 × 2.5 × 32.00	4365	10	205836	PK03	4011890054901
350 × 3.0 × 25.40	4365	10	201514	PK03	4011890008409
350 × 3.0 × 32.00	4365	10	205578	PK03	4011890053966
400 × 3.0 × 25.40	3820	10	201504	PK03	4011890008324
400 × 3.0 × 32.00	3820	10	206455	PK03	4011890056752

Abrasive marking according to EN 12413: A36N8BF348

Shape 41

100 m/s

ST21

ALPHALINE ●○○

mm: 3,0–4,0

Lifetime ●●●●●○
Cutting ability for solid material ●●●●●○
Cutting ability for thin-walled material ●●●○○○

Heavy-duty stationary cutting disc with rugged exterior reinforcement for safe cutting.

- Long lifetime
- Cool cut
- Easy cutting

ST21

				Product category	EAN/pc. GTIN/pc.
300 × 3.0 × 22.23	6365	10	201304	PK03	4011890006900
300 × 3.0 × 25.40	6365	10	201305	PK03	4011890006917
300 × 3.0 × 32.00	6365	10	201307	PK03	4011890006931
350 × 3.5 × 25.40	5460	10	201330	PK03	4011890007075
400 × 4.0 × 32.00	4775	10	201353	PK03	4011890007198
400 × 4.0 × 40.00	4775	10	201354	PK03	4011890007204

Abrasive marking according to EN 12413: A24R-BF211

Shape 41

CLEANING

CONTENTS

NON-WOVEN CLEANING TOOLS 080

WHEEL BRUSHES 088

CUP BRUSHES 094

BEVEL BRUSHES 100

END BRUSHES 104

HAND SCRATCH BRUSHES 109

SPECIAL TECHNOLOGIES

CERAMICON Around triple the lifetime

More information on page 028

NON-WOVEN CLEANING ABRASIVES

The non-woven cleaning tools consist of a hard non-woven with a coarse structure. The nylon structure adapts to the contours of the workpiece, thus ensuring thorough cleaning. The surface does not undergo geometric changes since only foreign material such as rust and discolourations are removed. No residues remain on the workpiece.

Use only on adjustable-speed angle grinders. Non-woven will melt at excessive speeds. The optimal rotational speed range lies between 3,000 and 7,000 rpm

Material:

- High-strength steels and sheet metal
- Structural steels
- Tool steels
- Non-ferrous metals
- Body filler, GFK
- Wood

SVS HD

TOPLINE

63 m/s

Non-woven cleaning abrasive with ceramic high-performance abrasive grain. For powerful cleaning performance and an extremely long lifetime.

CERAMICON Around triple the lifetime

- Stable edges
- Top cleaning performance
- With ceramic high-performance abrasive grains

Use only on adjustable-speed angle grinders. Non-woven material will melt at excessive revolutions. Optimum speed range: 3,000–7,000 rpm

SVS HD

				Product category	EAN/pc. GTIN/pc.
115 x 22.23	10460	10	303872	PK07	4011890095867
125 x 22.23	9630	10	303873	PK07	4011890095874

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63 m/s

SVS

PROLINE ●●○

Non-woven disc for high cleaning performance and powerful stock removal.

- Easy on the material
- High cleaning performance

Use only on adjustable-speed angle grinders. Non-woven will melt at excessive speeds. Optimum speed range: 3,000–7,000 rpm

SVS

				Product category	EAN/pc. GTIN/pc.
115 × 22.23	10460	10	303150	PK07	4011890057735
125 × 22.23	9630	10	303151	PK07	4011890057742

SVS MINI

PROLINE ●●○

Non-woven cleaning abrasive on 6 mm shank for removing rust and paint.

- The open structure prevents clogging
- Strong material abrasion through high grain concentration

SVS MINI

				Product category	EAN/pc. GTIN/pc.
50 × 15 × 6.0	12100	10	305405	PK07	4011890079263
50 × 30 × 6.0	12100	10	305406	PK07	4011890079270

SVS GS

PROLINE ●●○

Non-woven cleaning abrasive for mounting the matching SVS PIN for removal of rust and paint.

- The open structure prevents clogging
- High material abrasion through high grain concentration

SVS GS

				Product category	EAN/pc. GTIN/pc.
100 × 13 × 13.00	8000	10	305407	PK07	4011890079287
150 × 13 × 13.00	5350	10	305408	PK07	4011890079294

SVS PIN

PROLINE

Pin for mounting the matching non-woven cleaning tools SVS GS.

- With 6 or 8 mm shank

SVS PIN

				Product category	EAN/pc. GTIN/pc.
6 × M12	10000	1	305422	PK07	4011890079300
8 × M12	10000	1	305423	PK07	4011890079317

SVS QUICK HD see page 177

SVSW see page 174

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NOTES

SHAPES AND APPLICATION SCENARIOS

Wheel brushes

For processing solid or hollow rods, profiles, welding seams, cutting edges, toothed wheels, grooves, narrow surfaces.

- Roughing
- Burr removing
- Edge chipping
- Matt finishing
- Structuring
- De-rusting
- Cleaning
- Polishing
- Slag removal

Cup brushes

Effective when processing large surfaces, welding seams, metal plates.

- Cleaning
- Burr removing
- Slag removal
- De-rusting
- Lacquer removal

Bevel brushes

Ideal tool for processing corners, edges or difficult-to-reach areas, as well as for surface cleaning. Combines the advantages of cup and wheel brushes.

- Cleaning
- Roughing

End brushes

For high-precision work on hard-to-reach areas and inside surfaces.

- Cleaning
- De-rusting
- Burr removing
- Slag removal

Hand scratch brushes

For manual work and universal use.

- Roughing
- De-rusting
- Cleaning

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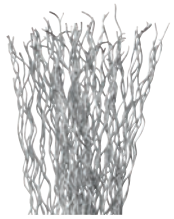
FILLER MATERIALS



Quality steel wire, crimped

- Fill material most widely used
- For flexible brush tools
- Applications: light surface treatment, deburring work

Quality steel wire, straight/knotted

- Demanding brushing work
- For low-flexibility brush tools
- Applications: weld grinding and removal of heavy encrustation

Quality steel wire, brass-plated

- Corrosion-resistant
- High tensile strength
- Applications: for demanding brushing and deburring work

Brass wire

- Applications: surface finishing of non-ferrous metals (NF metals)

Quality steel wire, plastic-bonded

- Plastic-bonded fill material means no wire breakage
- Brush lasts 10x longer since the wire tips wear down only gradually

Abrasive grinding bristles, aluminium oxide/silicon carbide

- Nylon bristles impregnated with abrasives
- Uniform grinding effect caused by abrasive release during wear
- High elasticity and flexibility without risk of breakage
- Applications: light deburring work on steel, non-ferrous metals and hard plastics

WORKING REVOLUTIONS AND MAXIMUM SAFE REVOLUTIONS

Peripheral speed in m/sec

The maximum safe revolutions are marked on every product. These revolutions are important to ensure your safety at work and must not be exceeded. Using adjustable-speed angle grinders permits revolutions to be adjusted to the maximum working speed.

	Brush diameter (in mm)											
min^{-1}	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	1.26	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	50.21	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	56.62	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	37.88	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	83.75								
22.500	23.55	47.10	58.88	94.20								
25.000	26.17	52.33	65.42	104.66								

Reference values:

30–35 m/sec for crimped wire
18–22 m/sec for grinding bristle

Recommended brush diameters for angle grinders

		Brush diameter (in mm)										
Ø		60	65	75	80	90	100	115	120	125	150	175
Wheel brush, knotted	Machine outside diameter						115	115		125	150	180
Wheel brush, crimped							115	115				
Cup brush, knotted			115	125	150		180					
Cup brush, crimped		115		125	150		180 150					
Cup brush, abrasive							Adjustable 150					

Working revolutions for Ø:

- Ø 115 mm (4 ½") 12,500 U/min^{-1}
- Ø 125 mm (5") 11,000 U/min^{-1}
- Ø 150 mm (6") 8,500 U/min^{-1}
- Ø 180 mm (7") 8,500 U/min^{-1}
- Ø 230 mm (9") 6,500 U/min^{-1}

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ADVICE ON PRODUCT SELECTION

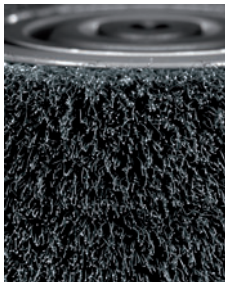
Brush diameter and fill material length

The diameter of the brush and the length of the fill material used are the key factors that determine the result of the surface treatment. If you combine smaller brush body diameters with longer fill material lengths then soft and flexible brushes are the result. These are an outstanding choice for the processing of structured workpieces or for light and gentle surface treatment.

A larger brush body diameter combined with short lengths of fill material results in more aggressive brushes: these can be used for deburring applications, for example, as well as for the removal of more widespread soiling.

For efficient surface preparation, please select the maximum brush diameter that can be fitted to the equipment's respective drive system. The brush diameter can also be used to control the peripheral speed and the cleaning performance of the brush, for example.

Important: Brushes fitted to handheld machines must have a maximum external diameter of 180 mm!



Brush fill material density

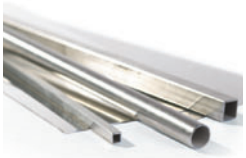
The fill material density depends on the number of wire tips per surface unit.

High fill material densities form the basis for optimal performance and brush lifetime, as well as ideal results for e.g. deburring work. Low fill material densities increase the flexibility of the brush and are a precondition for the processing of strongly profiled surfaces. Where brush diameters are the same, fill material density can be influenced by the body size.

Optimum orientation of the brush to the workpiece

Factors determining the contact pressure of a brush include the brush's insertion depth in the workpiece. Triple the wire thickness is recommended, e.g. 1.0 mm insertion depth with a wire thickness of 0.35 mm.

WHEEL BRUSHES / **STAINLESS STEEL**



For processing solid or hollow rods, profiles, welding seams, cutting edges, toothed wheels, grooves, narrow surfaces.

Material:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,35-0,50

ERBZ

TOPLINE

Stainless steel wheel brush with knotted stainless steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- For targeted work activities

ERBZ

					Product category	EAN/pc. GTIN/pc.
115 × 12 × 23 × 22.23	0.50 mm	12500	1	353004	PK08	4011890072899
115 × 12 × 23 × 22.23	0.35 mm	12500	1	353005	PK08	4011890072905
125 × 13 × 28 × 22.23	0.50 mm	12500	1	353006	PK08	4011890072912
115 × 12 × 23 × 22.23	0.50 mm	12500	10	353080	PK08	4011890074794
115 × 12 × 23 × 22.23	0.35 mm	12500	10	353081	PK08	4011890074800
125 × 13 × 28 × 22.23	0.50 mm	12500	10	353082	PK08	4011890074817

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ERBW

TOPLINE

mm: 0,20

Stainless steel wheel brush with crimped stainless steel wire on a 6 mm shank.

- For flexible working
- For careful cleaning
- Homogeneous surfaces

ERBW

					Product category	EAN/pc. GTIN/pc.
30 × 6 × 6 × 6.0	0.20 mm	20000	10	353049	PK08	4011890073353
40 × 7 × 10 × 6.0	0.20 mm	18000	10	353051	PK08	4011890073377
60 × 12 × 15 × 6.0	0.20 mm	15000	10	353124	PK08	4011890075258
60 × 18 × 15 × 6.0	0.20 mm	15000	10	353158	PK08	4011890084557

ERBWBM

TOPLINE

mm: 0,30

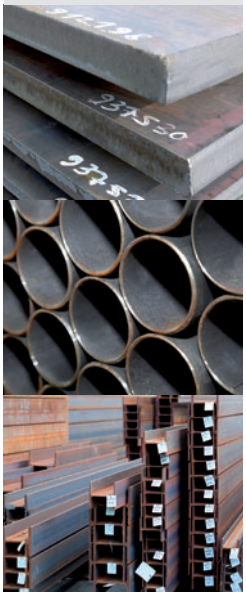
Stainless steel wheel brush with crimped stainless steel wire on a 6 mm shank for use with handheld drills.

- For flexible work
- For gentle cleaning

ERBWBM

					Product category	EAN/pc. GTIN/pc.
101 × 12 × 22 × 6.0	0.30 mm	4500	10	353269	PK08	4011890101766

WHEEL BRUSHES / **STEEL**



For processing solid or hollow rods, profiles, welding seams, cutting edges, toothed wheels, grooves, narrow surfaces.

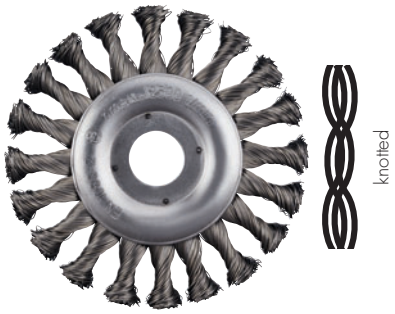
Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: **0,50**

SRBZ

Steel wire wheel brush with knotted steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- For targeted work activities



SRBZ

					Product category	EAN/pc. GTIN/pc.
125 × 6 × 25 × M14	0.50 mm	12500	6	353130	PK08	4011890076507
115 × 12 × 23 × 22.23	0.50 mm	12500	10	353077	PK08	4011890074763
115 × 12 × 23 × M14	0.50 mm	12500	6	353135	PK08	4011890076682
115 × 12 × 23 × 22.23	0.50 mm	12500	1	353001	PK08	4011890072868
125 × 13 × 28 × 22.23	0.50 mm	12500	10	353078	PK08	4011890074770
178 × 13 × 42 × 22.23	0.50 mm	12000	1	353003	PK08	4011890072882
125 × 13 × 28 × 22.23	0.50 mm	12500	1	353002	PK08	4011890072875
125 × 13 × 28 × M14	0.50 mm	12500	6	353132	PK08	4011890076521
125 × 6 × 25 × 22.23	0.50 mm	12500	10	353084	PK08	4011890074831
115 × 6 × 20 × 22.23	0.50 mm	12500	10	353083	PK08	4011890074824
178 × 13 × 42 × 22.23	0.50 mm	12000	8	353079	PK08	4011890074787

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SRBZGS

TOPLINE

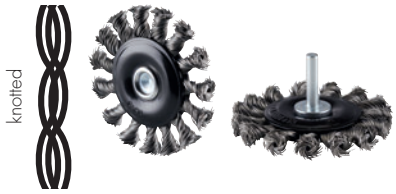
mm: 0,50

Steel wheel brush with crimped steel wire on a 6 mm shank for use on straight grinders and flexible shafts.

- High max. revolutions
- For high brushing requirements
- To remove strong caking

SRBZGS

					Product category	EAN/pc. GTIN/pc.
75 × 12 × 18 × 6.0	0.50 mm	20000	12	353046	PK08	4011890073322
75 × 16 × 15 × 6.0	0.50 mm	20000	12	353142	PK08	4011890082553



SRBWGS

TOPLINE

mm: 0,20–0,30

Steel wheel brush with crimped steel wire on a 6 mm shank, for use on straight grinders. With high maximum permitted revolutions.

- High max. revolutions
- For careful cleaning
- Moulded in plastic for up to 10 times longer lifetime.

SRBWGS

					Product category	EAN/pc. GTIN/pc.
30 × 6 × 6 × 6.0	0.20 mm	20000	10	353048	PK08	4011890073346
30 × 12 × 6 × 6.0	0.30 mm	20000	10	353159	PK08	4011890084564
40 × 7 × 10 × 6.0	0.20 mm	18000	10	353050	PK08	4011890073360
40 × 16 × 10 × 6.0	0.20 mm	18000	10	353136	PK08	4011890076699
50 × 17 × 13 × 6.0	0.30 mm	15000	10	353047	PK08	4011890073339
60 × 18 × 15 × 6.0	0.20 mm	15000	10	353153	PK08	4011890084519
60 × 18 × 15 × 6.0	0.30 mm	15000	10	353220	PK08	4011890090824
70 × 18 × 15 × 6.0	0.30 mm	15000	10	353221	PK08	4011890090831

SRBWGSK

					Product category	EAN/pc. GTIN/pc.
63 × 8 × 20 × 6.0	0.20 mm	20000	12	353227	PK08	4011890094389
76 × 8 × 26 × 6.0	0.20 mm	15000	12	353228	PK08	4011890094396

mm: 0,30

SRBWBM

TOPLINE ●●●

Steel wheel brush with crimped steel wire on a 6 mm shank, for use on drills.

- For flexible working
- For careful cleaning
- Brass-plated for improved corrosion protection

SRBWBM

					Product category	EAN/pc. GTIN/pc.
50 × 7 × 10 × 6.0	0.30 mm	4500	20	353027	PK08	4011890073131
60 × 9 × 13 × 6.0	0.30 mm	4500	20	353223	PK08	4011890090855
75 × 10 × 16 × 6.0	0.30 mm	4500	10	353028	PK08	4011890073148
101 × 12 × 22 × 6.0	0.30 mm	4500	10	353029	PK08	4011890073155

MRBWBM

					Product category	EAN/pc. GTIN/pc.
50 × 7 × 10 × 6.0	0.30 mm	4500	20	353234	PK08	4011890096031
75 × 10 × 16 × 6.0	0.30 mm	4500	10	353235	PK08	4011890096048
101 × 12 × 22 × 6.0	0.30 mm	4500	10	353236	PK08	4011890096062

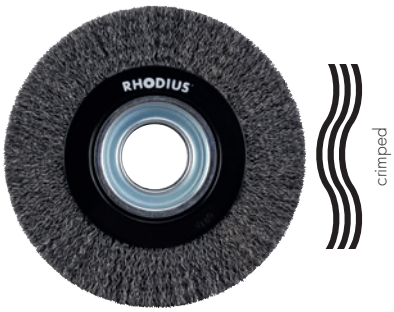
mm: 0,30

SRBWST

PROLINE ●●○

Steel wheel brush with crimped steel wire on a 6 mm shank, for use on stationary machines.

- For flexible working
- For careful cleaning
- Brass-plated for improved corrosion protection



SRBWST

					Product category	EAN/pc. GTIN/pc.
150 × 18 × 29 × 32.00	0.30 mm	6000	1	353054	PK08	4011890073407

MRBWST

					Product category	EAN/pc. GTIN/pc.
125 × 18 × 27 × 20.00	0.30 mm	6000	1	353247	PK08	4011890096178
150 × 18 × 28 × 32.00	0.30 mm	6000	1	353248	PK08	4011890096185
200 × 20 × 42 × 32.00	0.30 mm	4500	1	353249	PK08	4011890096192

WHEEL BRUSHES / NON-FERROUS METALS, WOOD

Material:
- Non-ferrous metals
- Wood
- Diecast zinc
- Plastics
- Painted sheet metal

Easy burr removing on steel, non-ferrous metals, wood and hard plastics.

HRB

TOPLINE

fine/coarse 46/60/ 80/120

Wheel brush with abrasive grinding bristles for processing stainless steel, steel, wood and non-ferrous metals.

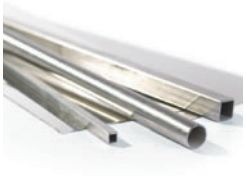
- Long lifetime
- Uniform grinding performance through permanent release of grain
- Suitable also for structuring wood

Brush colour red: coarse
Brush colour blue: fine

HRB

					Product category	EAN/pc. GTIN/pc.
75 × 12 × 16 × 6.0	coarse	4500	10	353036	PK08	4011890073223
75 × 12 × 16 × 6.0	fine	4500	10	353037	PK08	4011890073230
100 × 12 × 16 × 6.0	coarse	4500	10	353038	PK08	4011890073247
100 × 12 × 16 × 6.0	fine	4500	10	353039	PK08	4011890073254
140 × 55 × 30 × M14	K46	2500	1	353119	PK08	4011890075180
140 × 55 × 30 × M14	K60	2500	1	353120	PK08	4011890075197
140 × 55 × 30 × M14	K80	2500	1	353121	PK08	4011890075203
140 × 55 × 30 × M14	K120	2500	1	353122	PK08	4011890075210

CUP BRUSHES / **STAINLESS STEEL**



Effective when processing large surfaces, welding seams, metal plates.

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,50

ETBZ

TOPLINE

Stainless steel cup brush with knotted stainless steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- Efficient processing of large surfaces

ETBZ

					Product category	EAN/pc. GTIN/pc.
65 × 20 × M14	0.50 mm	12500	1	353014	PK08	4011890073001
65 × 20 × M14	0.50 mm	12500	10	353087	PK08	4011890074862

ETBW

TOPLINE

mm: 0,30

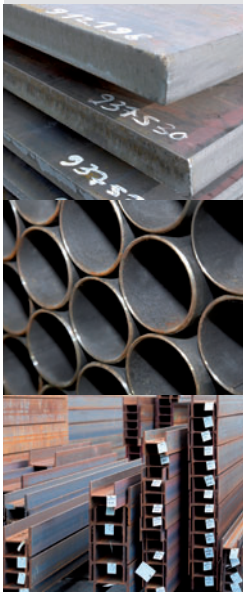
Stainless steel cup brush with crimped stainless steel wire, for use on angle grinders.

- For flexible working
- For careful cleaning
- Efficient processing of large surfaces

ETBW

					Product category	EAN/pc. GTIN/pc.
65 × 21 × M14	0.30 mm	12500	1	353020	PK08	4011890073063
65 × 21 × M14	0.30 mm	12500	9	353089	PK08	4011890074886

CUP BRUSHES / **STEEL**



Effective when processing large surfaces, welding seams, metal plates.

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,35-0,50

STBZ

PROLINE ●●○

Steel cup brush with knotted steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- Removable support ring for longer lifetime

STBZ

					Product category	EAN/pc. GTIN/pc.
65 × 20 × M14	0.35 mm	12500	1	353074	PK08	4011890072943
65 × 20 × M14	0.50 mm	12500	1	353009	PK08	4011890072950
75 × 20 × M14	0.50 mm	11000	1	353010	PK08	4011890072967
80 × 20 × M14	0.50 mm	8500	1	353011	PK08	4011890072974
100 × 20 × M14	0.50 mm	8500	1	353012	PK08	4011890072981
110 × 20 × M14	0.50 mm	6500	1	353013	PK08	4011890072998
65 × 20 × M14	0.35 mm	12500	10	353086	PK08	4011890074855
65 × 20 × M14	0.50 mm	12500	10	353085	PK08	4011890074848

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STBZ S

TOPLINE ●●●

mm: 0,50

Steel cup brush with knotted steel wire, for use on angle grinders.
With oil-hardened wire.

- For great cleaning performance
- To remove strong caking
- Controlled wire breakage for longer lifetime

STBZ S

					Product category	EAN/pc. GTIN/pc.
65 × 20 × M14	0.50 mm	12500	10	353148	PK08	4011890083642

STBW

PROLINE ●●○

mm: 0,30

Steel cup brush with crimped steel wire, for use on angle grinders.

- For flexible working
- For careful cleaning
- Brass-plated for improved corrosion protection

STBW

					Product category	EAN/pc. GTIN/pc.
65 × 21 × M14	0.30 mm	12500	1	353015	PK08	4011890073018
75 × 23 × M14	0.30 mm	12500	1	353016	PK08	4011890073025
80 × 25 × M14	0.30 mm	8500	1	353017	PK08	4011890073032
100 × 30 × M14	0.30 mm	8500	1	353018	PK08	4011890073049
125 × 30 × M14	0.30 mm	6500	1	353019	PK08	4011890073056
65 × 21 × M14	0.30 mm	12500	9	353088	PK08	4011890074879

MTBW

					Product category	EAN/pc. GTIN/pc.
65 × 21 × M14	0.30 mm	12500	9	353242	PK08	4011890096123
75 × 23 × M14	0.30 mm	8500	1	353243	PK08	4011890096130
80 × 25 × M14	0.30 mm	8500	1	353244	PK08	4011890096147
100 × 30 × M14	0.30 mm	6500	1	353245	PK08	4011890096154
125 × 30 × M14	0.30 mm	6500	1	353246	PK08	4011890096161

mm: 0,20-0,30

STBWGS

TOPLINE ●●●

Steel cup brush with crimped steel wire on a 6 mm shank, for use on straight grinders. With high maximum permitted revolutions.

- For flexible working
- For careful cleaning
- Moulded in plastic for up to 10 times longer lifetime.

crimped

STBWGS

					Product category	EAN/pc. GTIN/pc.
40 × 10 × 6.0	0.20 mm	18000	10	353137	PK08	4011890076958
50 × 10 × 6.0	0.30 mm	15000	10	353138	PK08	4011890076965
70 × 15 × 6.0	0.30 mm	15000	10	353139	PK08	4011890076972

crimped

STBWGSK

					Product category	EAN/pc. GTIN/pc.
50 × 15 × 6.0	0.30 mm	15000	12	353233	PK08	4011890096024

mm: 0,30

STBWBM

TOPLINE ●●●

Steel cup brush with crimped steel wire on a 6 mm shank, for use on drills. With high maximum permitted revolutions.

- For flexible working
- For careful cleaning
- Brass-plated for improved corrosion protection

crimped

STBWBM

					Product category	EAN/pc. GTIN/pc.
50 × 17 × 6.0	0.30 mm	4500	20	353030	PK08	4011890073162
75 × 20 × 6.0	0.30 mm	4500	10	353031	PK08	4011890073179

crimped

MTBWBM

					Product category	EAN/pc. GTIN/pc.
50 × 17 × 6.0	0.30 mm	4500	20	353237	PK08	4011890096079
75 × 20 × 6.0	0.30 mm	4500	10	353238	PK08	4011890096086

CUP BRUSHES / NON-FERROUS METALS, WOOD

Material:
- Non-ferrous metals
- Wood
- Diecast zinc
- Plastics
- Painted sheet metal

Effective when processing large surfaces. Break-proof, non-woven fill material for a long lifetime.

HTB

TOPLINE

fine/coarse 46/60/ 80/120

Cup brush with abrasive grinding bristles for working on stainless steel, steel, wood and non-ferrous metals.

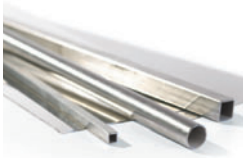
- Brush colour red: coarse
- Brush colour blue: fine
- Suitable for structuring wood

Brush colour red: coarse
Brush colour blue: fine

HTB

					Product category	EAN/pc. GTIN/pc.
50 × 17 × 6.0	coarse	4500	10	353040	PK08	4011890073261
50 × 17 × 6.0	fine	4500	10	353041	PK08	4011890073278
75 × 23 × 6.0	coarse	4500	10	353042	PK08	4011890073285
75 × 23 × 6.0	fine	4500	10	353043	PK08	4011890073292
130 × 70 × M14	K46	2500	1	353115	PK08	4011890075142
130 × 70 × M14	K60	2500	1	353116	PK08	4011890075159
130 × 70 × M14	K80	2500	1	353117	PK08	4011890075166
130 × 70 × M14	K120	2500	1	353118	PK08	4011890075173

BEVEL BRUSHES / **STAINLESS STEEL**



Ideal tool for processing corners, edges or difficult-to-reach areas, as well as for surface cleaning. Combines the advantages of cup and wheel brushes.

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,50

EKBZ

TOPLINE

Stainless steel bevel brush with knotted stainless steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- Combines the advantages of cup and wheel brushes.

knotted

EKBZ

					Product category	EAN/pc. GTIN/pc.
100 × 13 × 22 × M14	0.50 mm	12500	1	353023	PK08	4011890073094
115 × 15 × 20 × M14	0.50 mm	12500	1	353024	PK08	4011890073100
100 × 13 × 22 × M14	0.50 mm	12500	10	353092	PK08	4011890074916
115 × 15 × 20 × M14	0.50 mm	12500	8	353093	PK08	4011890074923

EKBW

TOPLINE

mm: 0,30

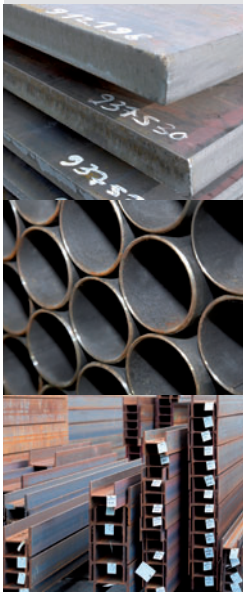
Stainless steel bevel brush with crimped stainless steel wire, for use on angle grinders.

- For flexible working
- For careful cleaning
- Combines the advantages of cup and wheel brushes.

EKBW

					Product category	EAN/pc. GTIN/pc.
100 × 20 × 20 × M14	0.30 mm	12500	1	353026	PK08	4011890073124
100 × 20 × 20 × M14	0.30 mm	12500	10	353095	PK08	4011890074947

BEVEL BRUSHES / **STEEL**



Ideal tool for processing corners, edges or difficult-to-reach areas, as well as for surface cleaning. Combines the advantages of cup and wheel brushes.

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,50

SKBZ

PROLINE ●●○

Steel bevel brush with knotted steel wire, for use on angle grinders.

- For great cleaning performance
- To remove strong caking
- Combines the advantages of cup and wheel brushes.

SKBZ

					Product category	EAN/pc. GTIN/pc.
100 × 13 × 22 × M14	0.50 mm	12500	1	353021	PK08	4011890073070
115 × 15 × 20 × M14	0.50 mm	12500	1	353022	PK08	4011890073087
100 × 13 × 22 × M14	0.50 mm	12500	10	353090	PK08	4011890074893
115 × 15 × 20 × M14	0.50 mm	12500	8	353091	PK08	4011890074909

Steel bevel brush with crimped steel wire, for use on angle grinders.

- For flexible working
- Combines the advantages of cup and wheel brushes.
- Brass-plated for improved corrosion protection

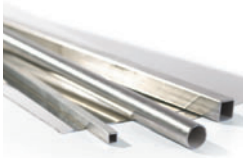
SKBW

					Product category	EAN/pc. GTIN/pc.
100 × 10 × 20 × M14	0.30 mm	12500	1	353025	PK08	4011890073117
100 × 10 × 20 × M14	0.30 mm	12500	10	353094	PK08	4011890074930

MKBW

					Product category	EAN/pc. GTIN/pc.
100 × 10 × 20 × M14	0.30 mm	12500	10	353250	PK08	4011890096208

END BRUSHES / **STAINLESS STEEL**



For high-precision work on hard-to-reach areas and inside surfaces.

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,26

EPBZ

TOPLINE

Stainless steel end brush with knotted stainless steel wire, for use on straight grinders.
With high maximum permitted revolutions.

- For work on hard-to-reach areas / inside surfaces
- For high brush requirements

Brush expands while machine is running

EPBZ

					Product category	EAN/pc. GTIN/pc.
20 × 29 × 6.0	0.26 mm	22000	12	353053	PK08	4011890073391

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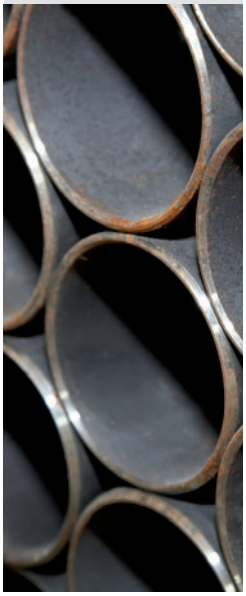
Stainless steel end brush with crimped stainless steel wire, for use on straight grinders and drills.

- For precision work
- For flexible working
- For careful cleaning

EPBW

					Product category	EAN/pc. GTIN/pc.
17 × 25 × 6.0	0.30 mm	18000	12	353154	PK08	4011890084526
25 × 25 × 6.0	0.30 mm	18000	12	353155	PK08	4011890084533
30 × 25 × 6.0	0.30 mm	15000	12	353156	PK08	4011890084540

END BRUSHES / **STEEL**



For high-precision work on hard-to-reach areas and inside surfaces.

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

mm: 0,35

SPBZ

TOPLINE

Steel end brush with knotted steel wire, for use on straight grinders.
With high maximum permitted revolutions.

- The brush expands while machine is running
- Processing of difficult to reach locations / inside surfaces
- For high brush requirements

Brush expands while machine is running

SPBZ

					Product category	EAN/pc. GTIN/pc.
20 × 29 × 6.0	0.35 mm	22000	12	353052	PK08	4011890073384

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Steel end brush with crimped steel wire, for use on straight grinders and drills.

- For precision work
- Brass-plated for improved corrosion protection
- Moulded in plastic for up to 10 times longer lifetime.

SPBW

					Product category	EAN/pc. GTIN/pc.
17 × 25 × 6.0	0.30 mm	4500	12	353032	PK08	4011890073186
25 × 25 × 6.0	0.30 mm	4500	12	353033	PK08	4011890073193
30 × 25 × 6.0	0.30 mm	4500	12	353034	PK08	4011890073209

SPBWK

					Product category	EAN/pc. GTIN/pc.
24 × 23 × 6.0	0.30 mm	15000	12	353229	PK08	4011890094402

MPBW

					Product category	EAN/pc. GTIN/pc.
17 × 25 × 6.0	0.30 mm	4500	12	353239	PK08	4011890096093
25 × 25 × 6.0	0.30 mm	4500	12	353240	PK08	4011890096109
30 × 25 × 6.0	0.30 mm	4500	12	353241	PK08	4011890096116

END BRUSHES /
NON-FERROUS METALS, WOOD

For high-precision work on hard-to-reach areas and inside surfaces.

Material:
- Non-ferrous metals
- Wood
- Diecast zinc
- Plastics
- Painted sheet metal

fine/ coarse

HPB

TOPLINE

End brush with abrasive grinding bristles for processing stainless steel, steel, wood and non-ferrous metals.

- Brush colour red: coarse
- Brush colour blue: fine
- Suitable also for structuring wood

Brush colour red: coarse
Brush colour blue: fine

HPB

					Product category	EAN/pc. GTIN/pc.
25 × 25 × 6.0	coarse	4500	12	353044	PK08	4011890073308
25 × 25 × 6.0	fine	4500	12	353045	PK08	4011890073315

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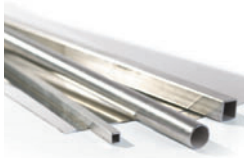
HAND SCRATCH BRUSHES / **STAINLESS STEEL**



Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

For manual work and universal use.

EHBG

TOPLINE

mm: 0,30

Stainless steel hand scratch brush with straight stainless steel fill material for high cleaning performance.

- For great cleaning performance
- To remove strong caking

EHBG

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	12	353150	PK08	4011890084489
3 rows	0.30 mm	12	353151	PK08	4011890084496
4 rows	0.30 mm	12	353075	PK08	4011890073759
5 rows	0.30 mm	12	353152	PK08	4011890084502

straight

mm: 0,30

EHBW

TOPLINE ●●●

Stainless steel hand scratch brush with crimped stainless steel wire inserts for gentle cleaning.

- For flexible working
- For careful cleaning
- Homogeneous surfaces

EHBW

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	12	353096	PK08	4011890074954
3 rows	0.30 mm	12	353097	PK08	4011890074961
4 rows	0.30 mm	12	353098	PK08	4011890074978
5 rows	0.30 mm	12	353099	PK08	4011890074985

mm: 0,30

UHBW

PROLINE ●●○

Universal hand scratch brush with crimped wire for gentle cleaning of stainless steel, steel or non-ferrous metals (depending on wire inserts).

- Ergonomic plastic handle
- For flexible working
- For easy cleaning

Brush colour green: rustproof wire
Brush colour yellow: Brass wire
Brush colour red: Steel wire

UHBW

Reference				Product category	EAN/pc. GTIN/pc.
rustproof wire	0.30 mm	24	353060	PK08	4011890073469
Brass wire	0.30 mm	24	353059	PK08	4011890073452
Steel wire	0.30 mm	24	353061	PK08	4011890073476

mm: 0,35

EKNB

TOPLINE ●●●

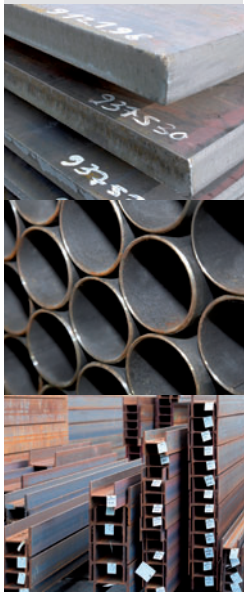
Stainless steel fillet weld brush. V-shaped stainless steel wire inserts for optimum cleaning of hard-to-reach welding seams and fillet welds.

- Accurate cleaning
- Great cleaning performance
- Especially effective for slag

EKNB

				Product category	EAN/pc. GTIN/pc.
3 rows	0.35 mm	12	353106	PK08	4011890075050

HAND SCRATCH BRUSHES / **STEEL**



Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

For manual work and universal use.

SHBG

TOPLINE

mm: 0,35

Steel hand scratch brush with straight steel wire inserts for high cleaning performance.

- Great cleaning performance
- To remove strong caking

SHBG

				Product category	EAN/pc. GTIN/pc.
2 rows	0.35 mm	12	353055	PK08	4011890073414
3 rows	0.35 mm	12	353056	PK08	4011890073421
4 rows	0.35 mm	12	353057	PK08	4011890073438
5 rows	0.35 mm	12	353058	PK08	4011890073445

mm: 0,30

BSBG

TOPLINE ●●●

Brake calliper brush: optimised, slimline geometry for cleaning steel brake callipers.

- Ergonomic non-slip handle
- Great cleaning performance

straight

BSBG

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	10	353104	PK08	4011890075036

mm: 0,35

SKNB

TOPLINE ●●●

Fillet weld brush with V-shaped stainless steel fill material for optimum cleaning of hard-to-reach welding seams and fillet welds.

- Accurate cleaning
- Great cleaning performance
- Especially effective for slag

straight

SKNB

				Product category	EAN/pc. GTIN/pc.
3 rows	0.35 mm	12	353105	PK08	4011890075043

HAND SCRATCH BRUSHES / **NON-FERROUS METALS**

Material:
- Non-ferrous metals
- Diecast zinc
- Plastics
- Painted sheet metal

For manual work and universal use. Gentle on materials with crimped brass wire.

MHBW

TOPLINE ●●●

mm: 0,30

Brass hand scratch brush with crimped wire inserts for gentle cleaning.

- For flexible working
- For careful cleaning

MHBW

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	12	353100	PK08	4011890074992
3 rows	0.30 mm	12	353101	PK08	4011890075005
4 rows	0.30 mm	12	353076	PK08	4011890074428
5 rows	0.30 mm	12	353102	PK08	4011890075012

mm: 0,30

MHBG

TOPLINE ●●●

Brass hand scratch brush with straight wire inserts for faster cleaning.

- For great cleaning performance
- To remove strong caking

MHBG

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	12	353251	PK08	4011890096215
3 rows	0.30 mm	12	353252	PK08	4011890096222
4 rows	0.30 mm	12	353253	PK08	4011890096239
5 rows	0.30 mm	12	353254	PK08	4011890096246

mm: 0,30

ZKB

TOPLINE ●●●

Spark plug brush for cleaning contact surfaces.

- Small and practical
- Careful cleaning of contact surfaces

ZKB

				Product category	EAN/pc. GTIN/pc.
3 rows	0.30 mm	24	353103	PK08	4011890075029

mm: 0,30

BSBW

TOPLINE ●●●

Optimised, slimline geometry for the gentle cleaning of brake calipers.

- Ergonomic and non-slip handle
- Careful cleaning

BSBW

				Product category	EAN/pc. GTIN/pc.
2 rows	0.30 mm	10	353123	PK08	4011890075241

NOTES

GRINDING

CONTENTS

GRINDING DISCS 119

CUP/GRINDING WHEELS 129

HIGHLIGHTS

FS1 FUSION

- Processing of narrow grooves and corners
- Flat grinding angle for precise fillet weld grinding
- Cost-effective, due to full usage during fillet weld grinding
- Grain size can be chosen as required (40/60/80)

Page 119

RS580 SPEED

- High-performance grinding disc with ceramic abrasive grain
- Low physical effort, high material abrasion and long lifetime thanks to flexible bond strength
- Ensures high productivity and cost-effectiveness

Page 120

SPECIAL TECHNOLOGIES

More information on page 032

More information on page 028

YOUR FASTEST WAY TO

THE RIGHT PRODUCT

GRINDING

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

			Grinding discs												Cup wheels	
		Reference	F51 FUSION	RS580 SPEED	RS480	RS38	RS28	RS50 Longlife	RS67	RS2	RS22	KSM	RS24	RS66	NK	SIC
		Page	119	120	122	123	123	124	125	125	126	126	127	128	129	131
		Quality level	TOP LINE ●●●	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●◐	ALPHA LINE ●◐○	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●◐	PRO LINE ●●◐	ALPHA LINE ●◐○	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●◐	PRO LINE ●●◐
Material	Applications	Machine performance	Hardness/lifetime	○○○●●●	○●●●●●	●●●●●●	○○○●●●	●●●●●●	○●●●●●	○○○●●●	○○○●●●	○○○●●●	○○○●●●	●●●●●●	○○○●●●	○○○●●●
Stainless steel	Edge	weak			●	◐	◐	●								
		strong			●	●	●	◐								
	Surface	weak		○	●	○	●	●								
		strong			●	●	●	◐								
	Fillet weld	all		●				○								
Steel	Edge	weak		○	●	◐	◐	●	◐	◐	◐	◐	●			◐	
		strong			●	●	●	◐	●	●	◐	◐	◐			●	
	Surface	weak		○	●	○	●	●	○	○	◐	◐	●			◐	
		strong			●	●	◐	●	◐	◐	●	●	◐			●	
	Fillet weld	all		●				○									
Refined-grain construction steel	Universal	weak		○			◐	●									
		strong		○			◐	●									
Aluminium	Universal	all												●	○		
Bronze, brass	Universal	all						◐						◐	●		
Titanium	Universal	all													●		
Cast iron	Universal	all			○	●	○		●			●			●*		◐*
Concrete (universal)/granite	Universal	all													◐		●
Building materials	Universal	all													◐		●
Abrasive materials/floor pavement	Universal	all													◐		●

* For metal penetration

For high-frequency and air grinders, please ensure you use the RS22 only, with additional safety reinforcement.

FILLET WELD GRINDING

WITH MAXIMUM LIFETIME

FS1 FUSION

TOPLINE

40/60/80

Lifetime
Stock removal
Hardness

The FS1 FUSION combines the long lifetime of a rough grinding disc with the fine surface finish of a flap disc. In fillet welds, the disc achieves a fine-grade finish. As a result, the workpiece can be immediately zinc-coated or painted. Available in several different grits – so that there is no need for additional fine grinding. With a high-performance cut and a clean finish, this disc offers superior stock removal. The edge area of the FS1 FUSION can be profiled, so as to enable custom dressing work to match your exact use case.

- Ideal for fillet weld grinding
- Economic alternative to flap discs
- Free choice of grit (40/60/80)

The FS1 FUSION combines the fine surface finish of a flap disc with the durability of a grinding disc.

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- Structural steels
- Tool steels
- Grey cast iron
- Hardox

Typical applications:
- Fillet weld processing
- Corner and edge grinding
- Surface grinding
- Levelling
- Burr removing
- Welding seams
- Weld seam preparation
- Tinder grinding

Shape 27

FS1 FUSION

					Product category	EAN/pc. GTIN/pc.
115 × 4.0 × 22.23	40	13285	10	207826	PK04	4011890062760
115 × 4.0 × 22.23	60	13285	10	207827	PK04	4011890062777
115 × 4.0 × 22.23	80	13285	10	207884	PK04	4011890062869
125 × 4.0 × 22.23	40	12200	10	207829	PK04	4011890062791
125 × 4.0 × 22.23	60	12200	10	207830	PK04	4011890062807
125 × 4.0 × 22.23	80	12200	10	207885	PK04	4011890062876

Abrasive marking according to EN 12413: 37A46P10BF1347

Economical since it can be used up completely when processing fillet welds

Long life cycle of a grinding disc. Fine Grinding surface pattern of a flap disc

FS1 FUSION IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

MORE COMFORTABLE

VERY QUICK GRINDING

mm:
7,0

RS580 SPEED

TOPLINE ●●●

●●●●●○ Lifetime
●●●●●● Stock removal
●●●●○○ Hardness

- High stock removal performance
- Additional fabric flange from 180 mm for high-frequency and air grinders
- Grinding is very operator-friendly and non-tiring thanks to novel binder system

High-performance stainless steel rough grinding disc with ceramic abrasive grain.

RS580 SPEED Shape 27

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	210656	PK04	4011890101889
125 × 7.0 × 22.23	12200	25	210611	PK04	4011890101414
150 × 7.0 × 22.23	10185	10	210657	PK04	4011890101919
180 × 7.0 × 22.23	8600	10	210658	PK04	4011890101933
230 × 7.0 × 22.23	6600	10	210659	PK04	4011890101957

CERAMICON
Around triple the lifetime

RS580 SPEED IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

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GRINDING DISCS

V[m/sec]	50	63	80	100
d1 [mm]	rpm			
100	9550	12030	15280	19100
110	8680	10940	13890	17360
115	8300	10460	13285	16610
125	7640	9630	12200	15280
150	6370	8020	10185	12730
180	5310	6685	8600	10610
230	4150	5230	6600	8300

The hardness of a grinding disc determines the lifetime as well as its stock removal and stock-removing efficiency.

A soft grinding disc is much more aggressive and offers a comfortable grinding behaviour.

A hard grinding disc is characterised by its long lifetime. We recommend hard grinding discs for edge grinding. Soft grinding discs can be used for surface grinding.

RHODIUS grinding discs are made in a thickness of 7 mm and with a special top layer. Grinding discs, unlike flap discs, are characterised by their high stock removal and cutting efficiency as well as lifetime.

Common fields of application for grinding discs are:

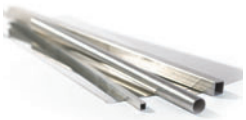
- Weld seam preparation
- Burr removing
- Levelling
- Corner and edge grinding
- Levelling of welding seams

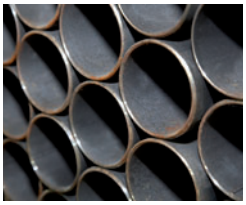
We recommend the use of flap discs for more comfortable surface grinding. You will find these from page 143 onwards.

Advantages of the special top layer:

- Almost no edge cracks
- Circular, low-vibration running
- Uniform wear

GRINDING DISCS / **STEEL**





Iron and sulphur free

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox

mm:
7,0

RS480

TOPLINE

80 m/s

●●●●●● Lifetime
●●●●●● Stock removal
●●●●●● Hardness

High-performance stainless steel rough grinding disc with ceramic abrasive grain.
Also performs very well on steel and cast iron.

- High stock removal performance
- Additional fabric flange from 180 mm for high-frequency and air grinders
- Safe thanks to three full-face fabric layers

CERAMICON
Around triple the lifetime

Shape 27

RS480

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	210238	PK04	4011890096444
125 × 7.0 × 22.23	12200	25	210239	PK04	4011890096451
150 × 7.0 × 22.23	10185	10	210234	PK04	4011890096437
180 × 7.0 × 22.23	8600	10	210240	PK04	4011890096468
230 × 7.0 × 22.23	6600	10	210241	PK04	4011890096475

Abrasive marking according to EN 12413: 78A24A10BF13778

RS38

PROLINE ●●○

mm: 4,0–7,0

Lifetime ●●●●○○
Stock removal ●●●●●○
Hardness ●●●○○○

High-performance grinding disc offering superior stock removal, good service life and a good price-performance ratio.

- Pleasant grinding behaviour
- Long lifetime
- High stock removal performance

RS38

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	200432	PK04	4011890002391
125 × 4.0 × 22.23	12200	25	205681	PK04	4011890054130
125 × 7.0 × 22.23	12200	25	200451	PK04	4011890002445
150 × 7.0 × 22.23	10185	10	205714	PK04	4011890049532
180 × 4.0 × 22.23	8600	10	210660	PK04	4011890101865
180 × 7.0 × 22.23	8600	10	200442	PK04	4011890002421
230 × 7.0 × 22.23	6600	10	200466	PK04	4011890002506

Abrasive marking according to EN 12413: A24S8BF1339

Shape 27

RS28

ALPHALINE ●○○

mm: 7,0

Lifetime ●●●○○○
Stock removal ●●●●●○
Hardness ●●●○○○

Rough grinding disc for the cost-conscious professional, offering easy grinding and good service life. Ideal for low-power machines.

- Pleasant grinding behaviour
- Good stock removal
- Long service life

Ideal for low-power machines

RS28

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	208732	PK04	4011890071694
125 × 7.0 × 22.23	12200	25	208733	PK04	4011890071717
180 × 7.0 × 22.23	8600	10	208734	PK04	4011890071731
230 × 7.0 × 22.23	6600	10	208735	PK04	4011890071748

Abrasive marking according to EN 12413: 30A24P9BF11718

Shape 27

GRINDING DISCS / **STEEL**

Material:

- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox

mm:
7,0

RS50 LONGLIFE

TOPLINE ●●●

●●●●●● Lifetime
●●●●●○ Stock removal
●●●●●● Hardness

High-performance grinding disc with high bond strength for a long lifetime and powerful material abrasion.

- Ideal for powerful work on steel and cast-iron
- Additional fabric flange from 180 mm for high-frequency and air grinders
- Safe thanks to three full-face fabric layers

Specifically suitable for edge grinding

Shape 27

RS50 LONGLIFE

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	210053	PK04	4011890094907
125 × 7.0 × 22.23	12200	25	209797	PK04	4011890093948
150 × 7.0 × 22.23	10185	10	210054	PK04	4011890094921
180 × 7.0 × 22.23	8600	10	210055	PK04	4011890094945
230 × 7.0 × 22.23	6600	10	210056	PK04	4011890094969

Abrasive marking according to EN 12413: 73AC24R9BF13585

+49 2636 920 400 | +49 800 664 5394 | service@rhodius.de | www.rhodius-abrasives.com

80 m/s

RS67

TOPLINE ●●●

mm: 7,0

Lifetime ●●●●●○
Stock removal ●●●●●○
Hardness ●●●●●○

Less force required, offering a long lifetime and superior stock removal.

- High stock removal performance
- Long lifetime
- Pleasant grinding behaviour

RS67

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	200140	PK04	4011890049396
125 × 7.0 × 22.23	12200	25	200141	PK04	4011890049389
150 × 7.0 × 22.23	10185	10	205715	PK04	4011890054383
180 × 7.0 × 22.23	8600	10	205716	PK04	4011890054390
230 × 7.0 × 22.23	6600	10	205718	PK04	4011890054406

Abrasive marking according to EN 12413: 74A24S6BF1412

Shape 27

80 m/s

RS2

PROLINE ●●○

mm: 4,0–10,0

Lifetime ●●●●○○
Stock removal ●●●●●○
Hardness ●●●○○○

Versatile rough grinding disc. Thanks to the high stock removal performance the RS2 grinds efficiently and with good service life.

- Especially good for working on hard materials
- High stock removal performance
- Long lifetime

RS2

				Product category	EAN/pc. GTIN/pc.
76 × 6.0 × 10.00	15280	25	302038	PK04	4011890034156
100 × 7.0 × 16.00	15280	25	200167	PK04	4011890001059
115 × 4.0 × 22.23	13285	25	200172	PK04	4011890001080
115 × 7.0 × 22.23	13285	25	200184	PK04	4011890001127
125 × 4.0 × 22.23	12200	25	200208	PK04	4011890001219
125 × 7.0 × 22.23	12200	25	200213	PK04	4011890001264
150 × 4.0 × 22.23	10185	10	205678	PK04	4011890054123
150 × 7.0 × 22.23	10185	10	200238	PK04	4011890001363
180 × 4.0 × 22.23	8600	10	200246	PK04	4011890001431
180 × 7.0 × 22.23	8600	10	200253	PK04	4011890001462
180 × 10.0 × 22.23	8600	10	200266	PK04	4011890001523
230 × 7.0 × 22.23	6600	10	200274	PK04	4011890001578

Abrasive marking according to EN 12413: A30P8BF153

Shape 27

mm:
8,0

RS22

PROLINE ●●○

●●●●○○ Lifetime
●●●●●○ Stock removal
●●●○○○ Hardness

Grinding disc with extra fabric flange for high-frequency or air grinders, offering superior stock removal, good service life.

- Especially safe through additional fabric
- High stock removal performance
- Good lifetime

Especially for high-frequency machines

Shape 27

RS22

				Product category	EAN/pc. GTIN/pc.
180 × 8.0 × 22.23	8600	10	208124	PK04	4011890064900
230 × 8.0 × 22.23	6600	10	208617	PK04	4011890070321

Abrasive marking according to EN 12413: A30P8-BF153

mm:
7,0

KSM

ALPHALINE ●○○

●●●●○○ Lifetime
●●●○○○ Stock removal
●●●●○○ Hardness

Industry-standard disc for the cost-conscious professional, offering easy grinding and good service life. Ideal for low-power machines.

- Pleasant grinding behaviour
- Good stock removal
- Long lifetime

Shape 27

KSM

				Product category	EAN/pc. GTIN/pc.
100 × 7.0 × 16.00	15280	25	200008	PK04	4011890000069
115 × 7.0 × 22.23	13285	25	200013	PK04	4011890000106
125 × 7.0 × 22.23	12200	25	200018	PK04	4011890000120
180 × 7.0 × 22.23	8600	10	200056	PK04	4011890000366
180 × 8.0 × 22.23	8600	10	200075	PK04	4011890000458
230 × 7.0 × 22.23	6600	10	200090	PK04	4011890000557

Abrasive marking according to EN 12413: A24Q-BF32

GRINDING DISCS / NON-FERROUS METALS

Material:
- Non-ferrous metals
- Bronze
- Brass
- Bearing metal
- Al/Mg alloys

Special fillers prevent disc clogging

Proper extraction is mandatory in closed rooms since high levels of aluminium dust in the air can cause explosions.

80 m/s

RS24

TOPLINE

mm: 7,0

Lifetime
Stock removal
Hardness

Grinding disc with special filler materials prevents clogging while ensuring efficient and continuous grinding.

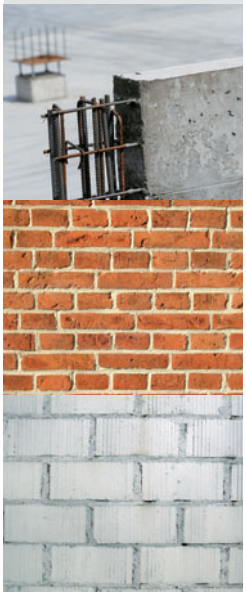
- High stock removal performance
- No clogging of the disc
- Minimum material heating

RS24

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	200349	PK04	4011890001929
125 × 7.0 × 22.23	12200	25	200357	PK04	4011890001967
180 × 7.0 × 22.23	8600	10	200364	PK04	4011890002001
230 × 7.0 × 22.23	6600	10	200377	PK04	4011890002070

Abrasive marking according to EN 12413: A24N-BF28

GRINDING DISC / **STONE**



A large volume of dust is usually generated when grinding stone materials – whether natural stone or artificial stone. Wearing suitable respiratory protection is therefore always recommended, since natural stone and artificial stone products may contain harmful quartz dust.

Material:
- Concrete products/screed
- Limestone
- Artificial stone
- Natural stone
- Marble

mm:
7,0

RS66

TOPLINE ●●●

●●●●●● Lifetime
●●●○○○ Stock removal
●●●○○○ Hardness

Grinding disc for stone and also processing of grey cast iron and titanium.

- Long service life
- Good stock removal performance
- Aggressive grinding

Shape 27

RS66

				Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23	13285	25	200386	PK04	4011890002124
125 × 7.0 × 22.23	12200	25	200393	PK04	4011890002162
180 × 7.0 × 22.23	8600	10	200403	PK04	4011890002209
230 × 7.0 × 22.23	6600	10	200413	PK04	4011890002247

Abrasive marking according to EN 12413: C24P-BF29

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox

The SR15 grinding wheel is especially suitable for end grinding on air grinders and electrically powered straight grinders.

50 m/s

NK

PROLINE

16/24/ 36/60

Lifetime
Stock removal
Hardness

Cup wheel for grinding work on surfaces and edges in steel work, and when processing welding seams.

- High stock removal performance
- Long service life

Use only with special protective hood

NK

					Product category	EAN/pc. GTIN/pc.
110/90 × 55 × 22.23	16	8680	6	303263	PK04	4011890063873
110/90 × 55 × 22.23	24	8680	6	303264	PK04	4011890063880
110/90 × 55 × 22.23	36	8680	6	303265	PK04	4011890063897
110/90 × 55 × 22.23	60	8680	6	303266	PK04	4011890063903

Shape 11

mm:
6,0

SR 15

PROLINE ●●○

●●●●○○ Lifetime
●●●●○○ Stock removal
●●●●○○ Hardness

Grinding wheel for use in end grinding on compressed-air grinders and electrically-powered straight grinders. Use with ASB XT.

- High stock removal performance
- Long lifetime
- Few sparks

Use with ASB XT mandrel, see page 056

Shape 1

SR 15

				Product category	EAN/pc. GTIN/pc.
50 × 6.0 × 6.00	30560	25	201208	PK04	4011890006078

Abrasive marking according to EN 12413: A24Q-BF16

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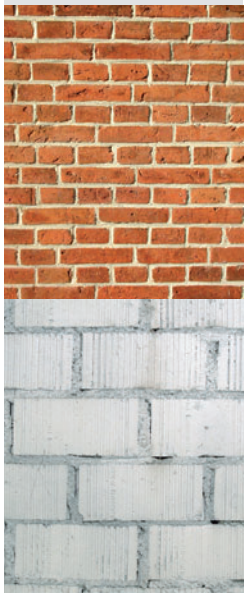
CUP WHEELS / **STONE**



Material:
- Concrete products/screed
- Limestone
- Artificial stone
- Natural stone
- Marble

A large volume of dust is usually generated when grinding stone materials – whether natural stone or artificial stone. Wearing suitable respiratory protection is therefore always recommended, since natural stone and artificial stone products may contain harmful quartz dust.

50 m/s

SIC

PROLINE ●●○

16/24/ 36/60

Lifetime ●●●●○○
Stock removal ●●●○○○
Hardness ●●●●○○

Cup wheel for use in grinding work on stone surfaces and edges.

- High stock removal performance
- Long service life

Use only with special protective hood

SIC

					Product category	EAN/pc. GTIN/pc.
110/90 × 55 × 22.23	16	8680	6	303257	PK04	4011890063811
110/90 × 55 × 22.23	24	8680	6	303258	PK04	4011890063828
110/90 × 55 × 22.23	36	8680	6	303260	PK04	4011890063842
110/90 × 55 × 22.23	60	8680	6	303261	PK04	4011890063859

Shape 11

GRINDING/POLISHING

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FLAP DISCS	139
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HIGHLIGHTS

VISION SPEED

- Unimpeded view of the workpiece
- Controlled material abrasion
- Better surface quality
- Cool cut for less tarnish colour

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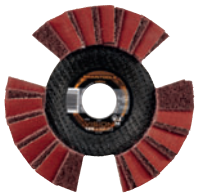

VSK VISION

- Unimpeded view of the workpiece
- Grinding and finishing in one operation
- Fine surface finish

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SPECIAL TECHNOLOGIES

BRAINTOOLS

More information on page 032

CERAMICON Around triple the lifetime

More information on page 028

VISION perspective on grinding

More information on page 036

ALL ROUNDER multifunctional tools

More information on page 034

STAINLESS STEEL POLISHING

EASY POLISHING TO A MIRROR FINISH

Polishing tools are used both to create high-gloss surfaces, as well as to maintain or restore an original surface treatment quality to an optimum finish.

Especially in application scenarios involving ultrafine processing – such as in the food industry/pharmaceuticals – a smooth surface helps to ensure compliance with stringent hygiene requirements, since sedimentation and soiling cannot stick.

A surface polished to a high gloss also prolongs the durability of the material.

How to ensure the perfect final polish
The prepared workpiece must not exhibit any deep scratches or inclusions. For optimum end results, use a grinding tool with a grain size of 60 or less (we recommend the VSK VISION) as the last step in preparing the surface.

PERFECT RESULTS IN 3 STEPS

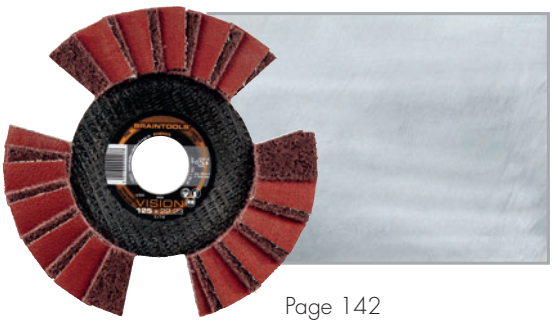
1 Preparation

– Remove the last scratches from the surface

Non-woven flap disc: VSK VISION

Optimum revolutions 3000–3500 rpm

The VSK VISION removes the last deep scratches from the workpiece. Its flexible non-woven disc adapts well to the surface, so as to ensure the creation of a homogeneous finish. The open structure of the flaps prevents clogging. Low heat generation prevents undesirable discolouration of the workpiece. **In addition, you always have a clear view of the workpiece and thus have optimal control during preparation.**



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2 Pre-polishing and finishing

– Create optimal surface treatment quality

Unitised discs: VKSS/VKSG

Optimum revolutions 3600–4000 rpm

VKSS/VKSG enables outstanding, almost 'mirror finish' surface treatment quality. It can be profiled and adapts optimally to the contours of the workpiece. Thanks to its rugged structure, the VKSS/VKSG is suitable for long-term usage and is the perfect pre-polishing step.

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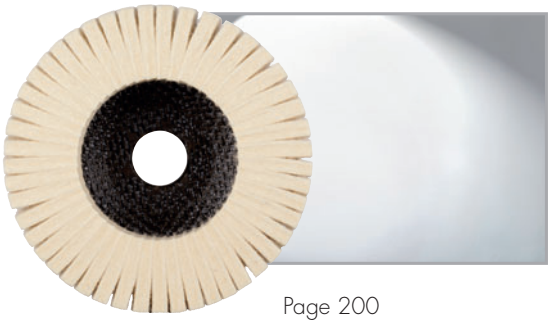
3 High-gloss polishing

– Give your workpieces a perfect mirror finish.

Non-woven flap discs with polishing pastes: FLS & PASTE

Optimum revolutions 1600 rpm

As the last step in the polishing process, FLS creates a perfect mirror finish. A wide variety of materials such as stainless steel and non-ferrous metals can be processed by using various grinding pastes. Highly flexible flaps made from wool felt adapt to the contours of the workpiece. The special structure of the FLS ensures a cool polish during processing and avoids undesirable discolourations.



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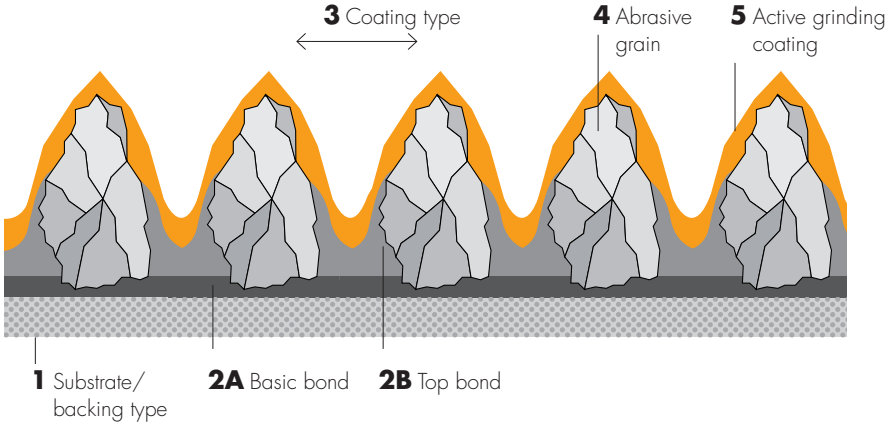
Selection of the right polishing pastes in combination with non-woven flap discs

	1. Pre-polishing	2. High-gloss polishing
Stainless steel	Polishing paste, white	Polishing paste, blue
Non-ferrous metals	Polishing paste, brown	

As a general rule, we recommend using a variable angle polisher for steps 1 to 3, so as to achieve optimum working results.

THE RIGHT COMBINATION

Coated abrasives
Five factors are decisive for the optimum composition of a coated abrasive. Rhodius knows what matters: backing type, bond, grain, coating type and an active grinding coating – in the right combination, this creates the perfect tool that is precisely tailored to specific working requirements.



Backing type: an eye on the final application

Different kinds of grinding work need different kinds of backing: its properties such as flexibility and tear strength are decisive for achieving optimal results. Most backings can be assigned to one of three categories:

Paper and film

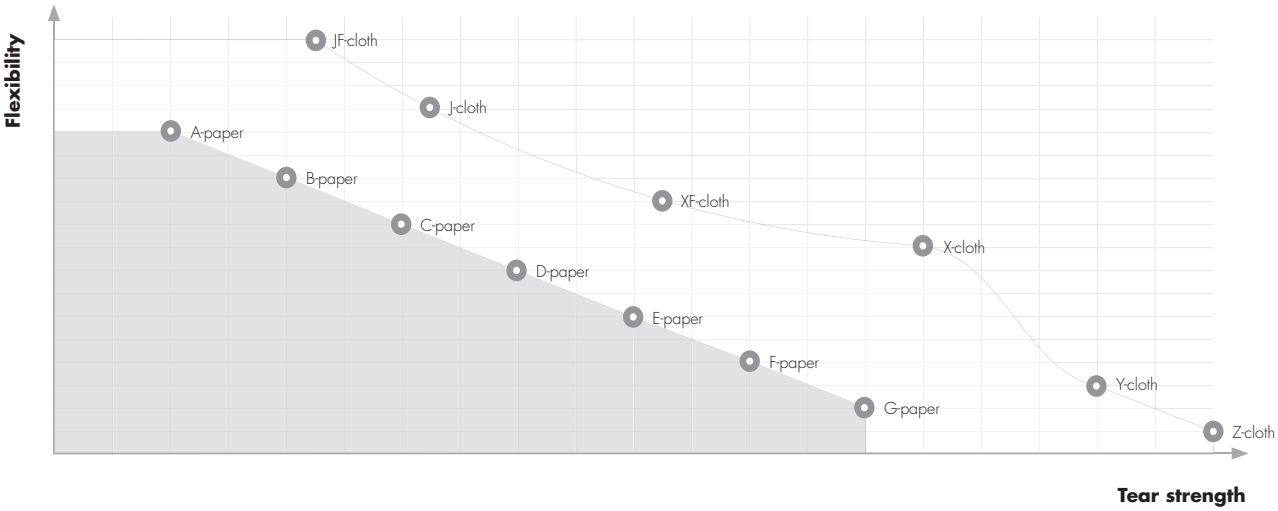
Abrasives based on paper and film backings are primarily used for working on paints, lacquers and composite materials. The standard paper weight used for coated abrasives is specified using an international letter code system that ranges from A (70 g/m²) to G (400 g/m²), where the "A" weight is the most flexible, but also the one that wears out most quickly.

Cloth (cotton, polyester and polycotton)

Cloth backings are more durable and offer greater tear strength in comparison to paper, and can also be easily flexed and bent continuously multiple times as appropriate to the application. Coated abrasives on cloth are used on wood and especially in the field of metalworking. The common cloth weights are J, T, X, Y and Z, where the "J" weight is the most flexible.
The further flexing of the cloth is indicated using a second letter "F" in the specification.

Vulcanised fibre

Vulcanised fibre backings are manufactured from multiple layers of impregnated papers. They provide extremely high tear strength while also offering sufficient flexibility required for high-performance applications.



2 Bond: can be adjusted from rigidly binding to elastic

The key to a good bond lies in achieving a balance between grain fixation and flexibility. Depending on the bond, both rigid and aggressive or highly flexible abrasives for fine grinding can be manufactured. To do so, a range of synthetic resin bonds are used to anchor the abrasive grain on the substrate.

2a Basic bond

The basic bond is the first coat, which is used to anchor the grain to the backing and is typically made from synthetic resin. The abrasive grain is then applied evenly using a number of different coating methods, to achieve the desired grinding performance.

2b Top bond

In a subsequent step, the top bond is applied and this ensures a stable bond between the individual abrasive grains. For one, the surface bond optimises grain wear and protects the grain against the forces occurring during the grinding process. This bond is also manufactured from synthetic resin.

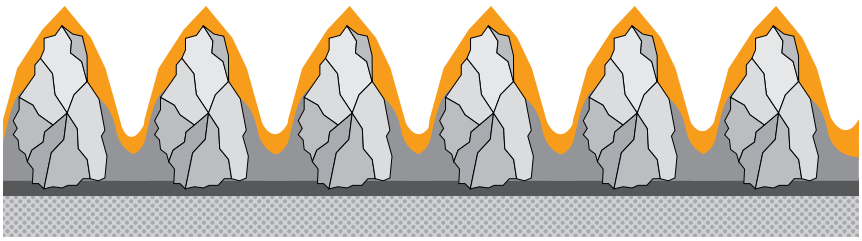
3 Coating type

Coated abrasives are coated using a number of different coating densities. The coating type defines the abrasive grain distribution and their spacing from one another on the backing.

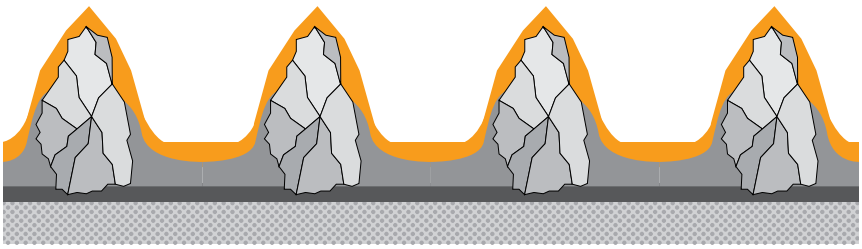
As a rule of thumb:

Closed coated = grinding for surface finishing

Open coated = grinding for material abrasion



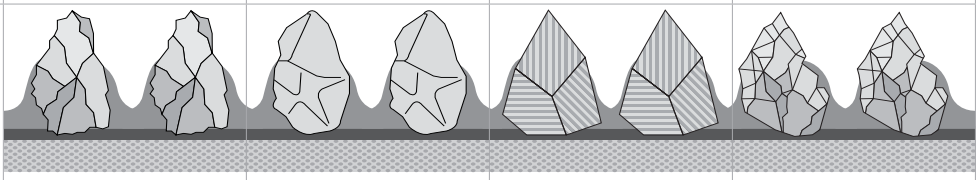
Closed coating



Open coating

4 Grain: better yield for stock removal

The right abrasive grain is decisive for performance, surface treatment quality and cost-effectiveness: it is the grain that does most of the work during grinding and stock removal. The properties 'hardness' and 'toughness' for a grain type influence performance depending on the material application. The grain sizes for coated abrasives ranges from P12–P2500 and are defined by FEPA (based on the ISO standard). The common synthetic grain types are:

Properties	Aluminium oxide	Silicon carbide	Zirconium	Ceramic alumina
Shape	Cubic, angular	Cone-shaped, sharp-edged	Sharp-edged, self-sharpening	Microcrystalline, sharp-edged
Hardness/toughness	9.0/tough	9.6/less tough	6.5 – 7.5/very tough	8.5/toughest
Applications	– Leather – Wood – Filler – Steel – Non-ferrous metals	– Stone – Plastic – Glass – Paints – Chip board	– Stainless steel – Steel – Aluminium	– Stainless steel – Steel – Aluminium – Alloys
Grain colour	Brown, rose and white	Black and green	Grey	White
Structure				
			* self-sharpening	* self-sharpening

5 Active grinding coating: more powerful layer for layer

Additional coatings with abrasive additives have a positive influence on the grinding process by either ensuring a cooler grinding operation, preventing clogging or extending the lifetime of the abrasive. This type of coating is especially useful for materials that clog easily, such as aluminium and paints, or for materials with poor thermal conductivity, such as stainless (inox) steel. These layers are applied as additional top coats, and may sometimes work to colour the product. All coatings can be used on stainless steel (no Fe or S)

BETTER PERSPECTIVE

WHEN GRINDING QUICKLY

VISION SPEED

TOPLINE

40 - 120

Lifetime
Stock removal

Thanks to its cut-outs, the VISION SPEED is transparent while rotating.
With a clear view of the workpiece, operators see where they are working and how work is progressing. This enables continuous monitoring of working results without having to put down the tool: material abrasion can be precisely controlled and expensive mistakes on thin body parts can be avoided while working. The cooling effect also significantly reduces tarnish colours. Fibre material support, ceramic grain.

- Unobstructed view of the workpiece
- High-performance ceramic grain for rapid grinding without excessive force
- Cool cut thanks to binder with active grinding additives

Ceramic grain flap disc. Thanks to its three cut-outs, the VISION SPEED is transparent while rotating. This enables continuous monitoring of the work result.

Materials:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium

- Removing rust
- Dressing spot welds
- Prepping sheet metal for body repairs
- Prepping underside repairs

angled

VISION SPEED

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210652	PK05	4011890101971
115 × 22.23	60	13285	10	210653	PK05	4011890101995
115 × 22.23	80	13285	10	210654	PK05	4011890102015
115 × 22.23	120	13285	10	210655	PK05	4011890102039
125 × 22.23	40	12200	10	210644	PK05	4011890102053
115 × 22.23	60	12200	10	210645	PK05	4011890102077
125 × 22.23	80	12200	10	210646	PK05	4011890102091
125 × 22.23	120	12200	10	210647	PK05	4011890102114

Three clever cut-outs for an unobstructed view of the workpiece…

…better surface quality…

…and controlled material abrasion

VISION SPEED IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

BETTER PERSPECTIVE

WITH A COOL CUT

40/60/80

VISION COOL

TOPLINE

●●●●○○ Lifetime
●●●●●○ Stock removal

- Unobstructed view on the workpiece
- Controlled material abrasion
- Cool grinding for less tarnish colours

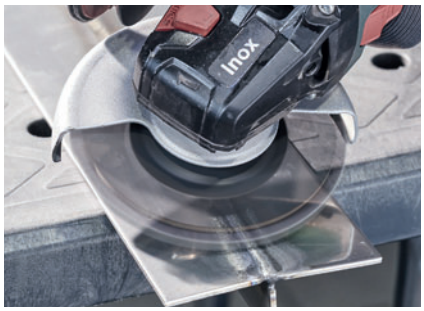
Zircon flap disc. Thanks to its three cut-outs, the VISION COOL becomes transparent while rotating. This enables continuous monitoring of the work result.

VISION COOL angled

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	207083	PK05	4011890060056
115 × 22.23	60	13285	10	207084	PK05	4011890060063
115 × 22.23	80	13285	10	207085	PK05	4011890060070
125 × 22.23	40	12200	10	207077	PK05	4011890059951
125 × 22.23	60	12200	10	207078	PK05	4011890059968
125 × 22.23	80	12200	10	207079	PK05	4011890059975

Three clever cut-outs for an unobstructed view of the workpiece…

…better surface quality…



…and controlled material abrasion

VISION COOL IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

BETTER PERSPECTIVE

ESPECIALLY FOR STEEL APPLICATIONS

VISION PRO

PROLINE ●●○

40/60/80

Lifetime ●●●○○○
Stock removal ●●●○○○

- Unobstructed view of the workpiece
- Controlled material abrasion
- Especially suitable for work on steel

Zircon flap disc. Thanks to its three cut-outs, the VISION PRO is transparent while rotating. This enables continuous monitoring of the work result.

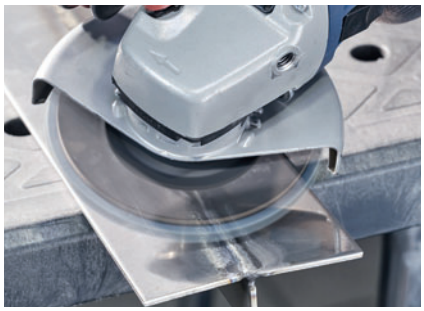
angled

VISION PRO

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210637	PK05	4011890102138
115 × 22.23	60	13285	10	210638	PK05	4011890102152
115 × 22.23	80	13285	10	210639	PK05	4011890102176
125 × 22.23	40	12200	10	210631	PK05	4011890101803
125 × 22.23	60	12200	10	210632	PK05	4011890101810
125 × 22.23	80	12200	10	210633	PK05	4011890101827

Three clever cut-outs for an unobstructed view of the workpiece…

…better surface quality…



…and controlled material abrasion

VISION PRO IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

BETTER PERSPECTIVE AND FINISH

IN ONE OPERATION

VSK VISION

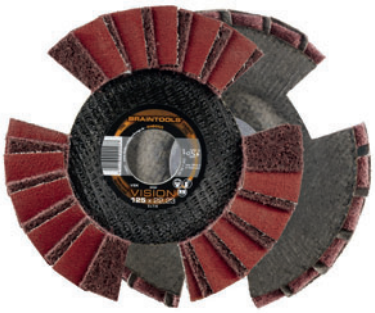
BRAINTOOLS®

●●●●○○ Lifetime
●●○○○○ Stock removal

Thanks to the unique combination of two important product properties, the VSK VISION offers major advantages for the surface finishing of stainless steel. On the one hand, it combines an alternating abrasive cloth and non-woven abrasive on one disc. This makes decorative surface finishing (non-woven abrasive) possible with simultaneous material removal (abrasive cloth) – saving the operator an entire process step. On the other hand, the cut-outs make it transparent during operation. This offers continuous visual monitoring while also having a cooling effect. Optimum revolutions: 3,000–3,500 rpm

- Unobstructed view on the workpiece
- Grinding and finish in one operation
- Fine surface finish

The interleaved combination of abrasive cloth and non-woven belts enables a smoother surface finish along with simultaneous stock removal, thus saving one entire work step.

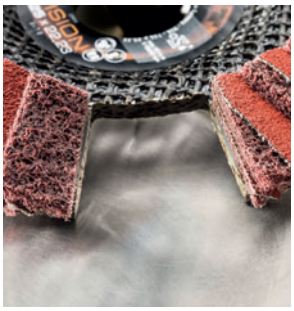


Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Non-ferrous metals
- Wood, coatings, body filler
- Plastics
- GFRP
- CFRP

Typical applications:
- Pre-polishing
- Decorative surface finish
- Welding seams
- Burr removing
- Levelling
- De-rusting
- Surface grinding
- Corner and edge grinding
- Cleaning

VSK VISION angled

				Product category	EAN/pc. GTIN/pc.
115 × 22.23	13285	10	209503	PK07	4011890090060
125 × 22.23	12200	10	209504	PK07	4011890090077



Three recesses for a free view of the workpiece…

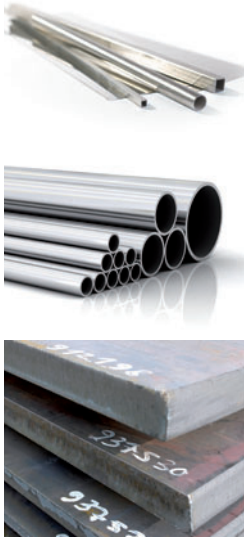
With the combination of two grinding tools, you can…

… grind and finish in only one step

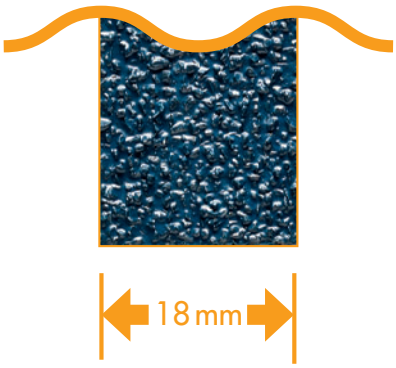
VSK VISION IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1

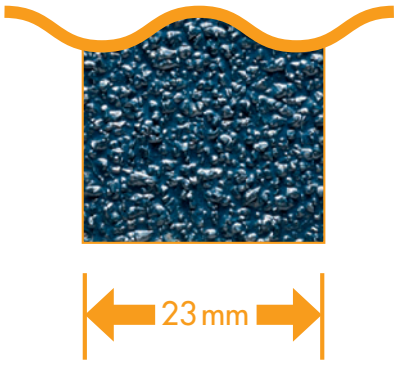
JUMBO FLAP DISCS / **STAINLESS STEEL**



Conventional flap*:



JUMBO flap*:



* indications valid for discs with a diameter of 125 mm

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium

The high number of extra-long flaps ensures a significantly longer lifetime. With a smaller number of flaps, a large contact surface and quick material abrasion with high stock removal performance is achieved.

Flap discs have only limited suitability for processing aluminium. However, good results can still be achieved with a trick: silicone-free cutting spray or grinding grease prevents the flap discs from becoming clogged quickly.

JUMBO SPEED EXTENDED

TOPLINE

40/60/80

Lifetime ●●●●●○
Stock removal ●●●●●●

CERAMICON Around triple the lifetime

+30% EXTENDED The Performance Plus

Quick and aggressive grinding with very high stock removal performance, thanks to a large contact surface and extra-long flaps.

- High stock removal performance through ceramic grain
- Especially suitable for hardened and tempered steels, tinder areas and titanium
- Especially good for edge grinding

JUMBO SPEED

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	208743	PK05	4011890072097
115 × 22.23	60	13285	10	208744	PK05	4011890072110
115 × 22.23	80	13285	10	208745	PK05	4011890072134
125 × 22.23	40	12200	10	208746	PK05	4011890072158
125 × 22.23	60	12200	10	208747	PK05	4011890072172
125 × 22.23	80	12200	10	208748	PK05	4011890072196
150 × 22.23	40	10185	10	303919	PK05	4011890098486
180 × 22.23	40	8600	10	209812	PK05	4011890093986

straight

JUMBO SPEED G

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210619	PK05	4011890101506
115 × 22.23	60	13285	10	210620	PK05	4011890101520
115 × 22.23	80	13285	10	210621	PK05	4011890101544
125 × 22.23	40	12200	10	210622	PK05	4011890101568
125 × 22.23	60	12200	10	210623	PK05	4011890101582
125 × 22.23	80	12200	10	210624	PK05	4011890101605

40/60/80

JUMBO LONGLIFE

80 m/s

TOPLINE ●●●

●●●●●● Lifetime
●●●●○○ Stock removal

Extra long, closely placed overlapping flaps ensure an especially long lifetime.

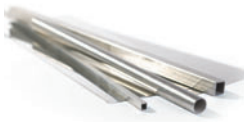
- High stock removal performance
- Especially long lifetime
- Particularly good for edge grinding

angled

JUMBO LONGLIFE

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	208737	PK05	4011890071977
115 × 22.23	60	13285	10	208738	PK05	4011890071991
115 × 22.23	80	13285	10	208739	PK05	4011890072011
125 × 22.23	40	12200	10	208740	PK05	4011890072035
125 × 22.23	60	12200	10	208741	PK05	4011890072042
125 × 22.23	80	12200	10	208742	PK05	4011890072073

FLAP DISC FOR FILLET WELD TREATMENT / **STAINLESS STEEL**



Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium

Iron and sulphur free

With the combination of a 10 mm flap projection and the sturdy fabric, these grinding discs provide an above-average lifetime along with the effective processing of fillet welds. The high-performance abrasive grain ensures high stock removal performance.

Flap discs have only limited suitability for processing aluminium. However, good results can still be achieved with a trick: silicone-free cutting spray or grinding grease prevents the flap discs from becoming clogged quickly.

80 m/s

LSK FK

TOPLINE

40/60/80

Lifetime
Stock removal

CERAMICON Around triple the lifetime

Fillet weld flap disc – the combination of a 10 mm flap projection and rigid fabric makes for a long lifetime.

- High stock removal performance through ceramic grain
- Optimised for fillet weld work
- Optimal price-performance ratio

LSK FK

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210249	PK05	4011890096901
115 × 22.23	60	13285	10	210251	PK05	4011890096925
115 × 22.23	80	13285	10	210276	PK05	4011890096963
125 × 22.23	40	12200	10	210182	PK05	4011890095652
125 × 22.23	60	12200	10	210183	PK05	4011890095676
125 × 22.23	80	12200	10	210184	PK05	4011890095690

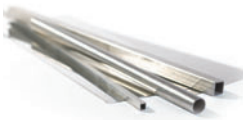
angled

LGK FK

					Product category	EAN/pc. GTIN/pc.
125 × 22.23	40	13285	10	210259	PK05	4011890101629
125 × 22.23	60	13285	10	210260	PK05	4011890101643
125 × 22.23	80	13285	10	210261	PK05	4011890101667

straight

FLAP DISCS / **STAINLESS STEEL**



Flap discs have only limited suitability for processing aluminium. However, good results can still be achieved with a trick: silicone-free cutting spray or grinding grease prevents the flap discs from becoming clogged quickly.

Iron and sulphur free

Material:
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium

40/60/80

LSZ F

TOPLINE ●●●

●●●●○ Lifetime
●●●●○ Stock removal

Zircon flap disc offering maximum stock removal performance combined with a very long lifetime.

- Maximum lifetime
- Excellent stock removal performance
- Tough fibre glass carrier

LSZ F

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	205505	PK05	4011890053454
115 × 22.23	60	13285	10	205506	PK05	4011890053461
115 × 22.23	80	13285	10	205507	PK05	4011890053478
125 × 22.23	40	12200	10	205508	PK05	4011890053485
125 × 22.23	60	12200	10	205509	PK05	4011890053492
125 × 22.23	80	12200	10	205510	PK05	4011890053508
150 × 22.23	40	10185	10	303707	PK05	4011890084427
150 × 22.23	60	10185	10	303708	PK05	4011890084441
150 × 22.23	80	10185	10	303709	PK05	4011890084465

LGZ F

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	205497	PK05	4011890053362
115 × 22.23	60	13285	10	205498	PK05	4011890053379
115 × 22.23	80	13285	10	205499	PK05	4011890053386
125 × 22.23	40	12200	10	205500	PK05	4011890053393
125 × 22.23	60	12200	10	205446	PK05	4011890053409
125 × 22.23	80	12200	10	205501	PK05	4011890053416

straight

80 m/s

LSZ F1

PROLINE ●●○

24/40/60/80/120

Lifetime ●●●●○○
Stock removal ●●●●○○

Zircon flap disc with fibre glass support.
Excellent performance on stainless steel and optimum performance on steel.

- Long lifetime
- Quick stock removal
- Tough fibre glass carrier

LSZ F1

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	24	13285	10	202642	PK05	4011890013687
115 × 22.23	40	13285	10	202647	PK05	4011890013700
115 × 22.23	60	13285	10	202662	PK05	4011890013724
115 × 22.23	80	13285	10	202675	PK05	4011890013748
115 × 22.23	120	13285	10	202689	PK05	4011890013762
125 × 22.23	24	12200	10	202726	PK05	4011890050255
125 × 22.23	40	12200	10	202735	PK05	4011890050248
125 × 22.23	60	12200	10	202742	PK05	4011890052334
125 × 22.23	80	12200	10	202749	PK05	4011890050231
125 × 22.23	120	12200	10	202756	PK05	4011890050224
150 × 22.23	40	10185	10	303615	PK05	4011890082393
150 × 22.23	60	10185	10	303616	PK05	4011890082416
150 × 22.23	80	10185	10	303617	PK05	4011890082430
180 × 22.23	40	8600	10	202699	PK05	4011890013809
180 × 22.23	60	8600	10	202706	PK05	4011890013823
180 × 22.23	80	8600	10	202712	PK05	4011890013847

angled

LGZ F1

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	202767	PK05	4011890013922
115 × 22.23	60	13285	10	202776	PK05	4011890013960
115 × 22.23	80	13285	10	202783	PK05	4011890013984
115 × 22.23	120	13285	10	202789	PK05	4011890014004
125 × 22.23	40	12200	10	202820	PK05	4011890050200
125 × 22.23	60	12200	10	202825	PK05	4011890050194
125 × 22.23	80	12200	10	202830	PK05	4011890050187
125 × 22.23	120	12200	10	202834	PK05	4011890050170
180 × 22.23	40	8600	10	202799	PK05	4011890014066
180 × 22.23	60	8600	10	202804	PK05	4011890014080
180 × 22.23	80	8600	10	202809	PK05	4011890014103

straight

24/40/60/
80/120

LSZ P1

PROLINE ●●○

●●●●○○ Lifetime
●●●●○○ Stock removal

Zircon flap disc with polyamide support.
Excellent performance on stainless steel and optimum performance on steel.

- Long lifetime
- Quick stock removal
- Vibration-reducing polyamide support

LSZ P1

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	24	13285	10	202517	PK05	4011890013489
115 × 22.23	40	13285	10	202523	PK05	4011890013502
115 × 22.23	60	13285	10	202531	PK05	4011890013526
115 × 22.23	80	13285	10	202539	PK05	4011890013540
115 × 22.23	120	13285	10	202547	PK05	4011890013564
125 × 22.23	40	12200	10	202610	PK05	4011890043523
125 × 22.23	60	12200	10	202618	PK05	4011890043547
125 × 22.23	80	12200	10	202626	PK05	4011890043561
180 × 22.23	40	8600	10	202559	PK05	4011890013601
180 × 22.23	60	8600	10	202567	PK05	4011890013625
180 × 22.23	80	8600	10	202573	PK05	4011890013649

40/60/
80

LSZ F2

ALPHALINE ●○○

●●●○○○ Lifetime
●●●●●○ Stock removal

A high-performance zircon flap disc for the cost-conscious professional.

- Good lifetime
- High stock removal performance
- Tough fibre glass carrier

LSZ F2

					Product category	EAN/pc. GTIN/pc.
100 × 16.00	40	13285	10	209663	PK05	4011890091845
100 × 16.00	60	13285	10	209664	PK05	4011890091852
100 × 16.00	80	13285	10	209665	PK05	4011890091869
180 × 16.00	40	8600	10	209666	PK05	4011890091876
180 × 16.00	60	8600	10	209667	PK05	4011890091920
180 × 16.00	80	8600	10	209668	PK05	4011890091944
115 × 22.23	40	13285	10	202652	PK05	4011890052341
115 × 22.23	60	13285	10	202667	PK05	4011890052358
115 × 22.23	80	13285	10	202680	PK05	4011890052365
125 × 22.23	40	12200	10	204015	PK05	4011890052372
125 × 22.23	60	12200	10	204018	PK05	4011890052389
125 × 22.23	80	12200	10	204021	PK05	4011890052396

LGZ F2

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	209307	PK05	4011890083789
115 × 22.23	60	13285	10	209308	PK05	4011890083802
115 × 22.23	80	13285	10	209309	PK05	4011890083826
115 × 22.23	120	13285	10	209310	PK05	4011890083840
125 × 22.23	40	12200	10	209494	PK05	4011890089934
125 × 22.23	60	12200	10	209495	PK05	4011890089941
125 × 22.23	80	12200	10	209496	PK05	4011890089958
125 × 22.23	120	12200	10	209505	PK05	4011890090121
180 × 22.23	40	8600	10	209507	PK05	4011890090091
180 × 22.23	60	8600	10	209508	PK05	4011890090107
180 × 22.23	80	8600	10	209509	PK05	4011890090114

straight

LSZ F2 VALUE PACK 40+

ALPHALINE ●○○

40/60/80

Lifetime ●●●○○○
Stock removal ●●●●●○

High-performance zircon flap disc for the cost-conscious professional, offered in a 40x pack for further savings.

- Large packing unit
- Good lifetime
- High stock removal performance

LSZ F2 VALUE PACK 40+

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	40	208408	PK05	4011890066485
115 × 22.23	60	13285	40	208409	PK05	4011890066492
115 × 22.23	80	13285	40	208410	PK05	4011890066508
125 × 22.23	40	12200	40	208411	PK05	4011890066515
125 × 22.23	60	12200	40	208412	PK05	4011890066522
125 × 22.23	80	12200	40	208413	PK05	4011890066539

angled

LSZ F2 BOX

ALPHALINE ●○○

40/60/80

Lifetime ●●●○○○
Stock removal ●●●●●○

High-performance zirconium flap disc for the cost-conscious professional, offered in a re-closable box.

- In the practical re-closable box
- Good lifetime
- High stock removal performance

LSZ F2 BOX

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	5	208530	PK05	4011890069424
115 × 22.23	60	13285	5	208531	PK05	4011890069448
115 × 22.23	80	13285	5	208532	PK05	4011890069462
125 × 22.23	40	12200	5	208533	PK05	4011890069486
125 × 22.23	60	12200	5	208534	PK05	4011890069509
125 × 22.23	80	12200	5	208535	PK05	4011890069523

angled

40/60/80

LSZ F3

ALPHALINE ●○○

●●○○○○ Lifetime
●●●●○○ Stock removal

An attractively-priced flap disc with Zirconium.

- Good stock removal performance
- Proven quality with cotton backing
- High service life

LSZ F3

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210479	PK05	4011890099599
115 × 22.23	60	13285	10	210480	PK05	4011890099605
115 × 22.23	80	13285	10	210481	PK05	4011890099612
125 × 22.23	40	12200	10	210482	PK05	4011890099629
125 × 22.23	60	12200	10	210483	PK05	4011890099636
125 × 22.23	80	12200	10	210484	PK05	4011890099650

LGZ F3

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210591	PK05	4011890100455
115 × 22.23	60	13285	10	210592	PK05	4011890100462
115 × 22.23	80	13285	10	210593	PK05	4011890100479
115 × 22.23	120	13285	10	210598	PK05	4011890100554
125 × 22.23	40	12200	10	210697	PK05	4011890109892
125 × 22.23	60	12200	10	210698	PK05	4011890109915
125 × 22.23	80	12200	10	210699	PK05	4011890109939

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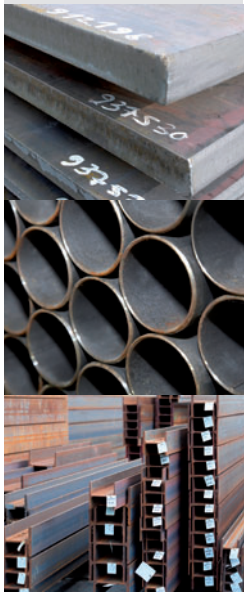
FLAP DISCS / **STEEL**



Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

80 m/s

LSA F1

PROLINE ●●○

40/60/ 80/120

Lifetime ●●●○○○
Stock removal ●●●○○○

Standard aluminium oxide flap disc with fibre glass support.
Excellent performance on steel.

- Long lifetime
- Quick stock removal
- Tough fibre glass carrier

LSA F1

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	202839	PK05	4011890050002
115 × 22.23	60	13285	10	202842	PK05	4011890050019
115 × 22.23	80	13285	10	202845	PK05	4011890050026
115 × 22.23	120	13285	10	202848	PK05	4011890050033
125 × 22.23	40	12200	10	202851	PK05	4011890050095
125 × 22.23	60	12200	10	202854	PK05	4011890050101
125 × 22.23	80	12200	10	202857	PK05	4011890050118
125 × 22.23	120	12200	10	202860	PK05	4011890050125

40/60/
80/120

LSA P1

PROLINE ●●○

●●●○○○ Lifetime
●●●○○○ Stock removal

Standard aluminium oxide flap disc with polyamide support.
Excellent performance on steel.

- Long lifetime
- Quick stock removal
- Vibration-reducing polyamide support

LSA P1

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	202475	PK05	4011890013304
115 × 22.23	60	13285	10	202481	PK05	4011890013328
115 × 22.23	80	13285	10	202487	PK05	4011890013342
125 × 22.23	40	12200	10	202591	PK05	4011890043424
125 × 22.23	60	12200	10	202595	PK05	4011890043448
125 × 22.23	80	12200	10	202599	PK05	4011890043462

40/60

LGA ALU

PROLINE ●●○

●●●●○○ Lifetime
●●●●○○ Stock removal

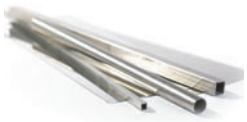
The ideal, long-life flap disc for grinding aluminium and other clog-prone non-ferrous metals.

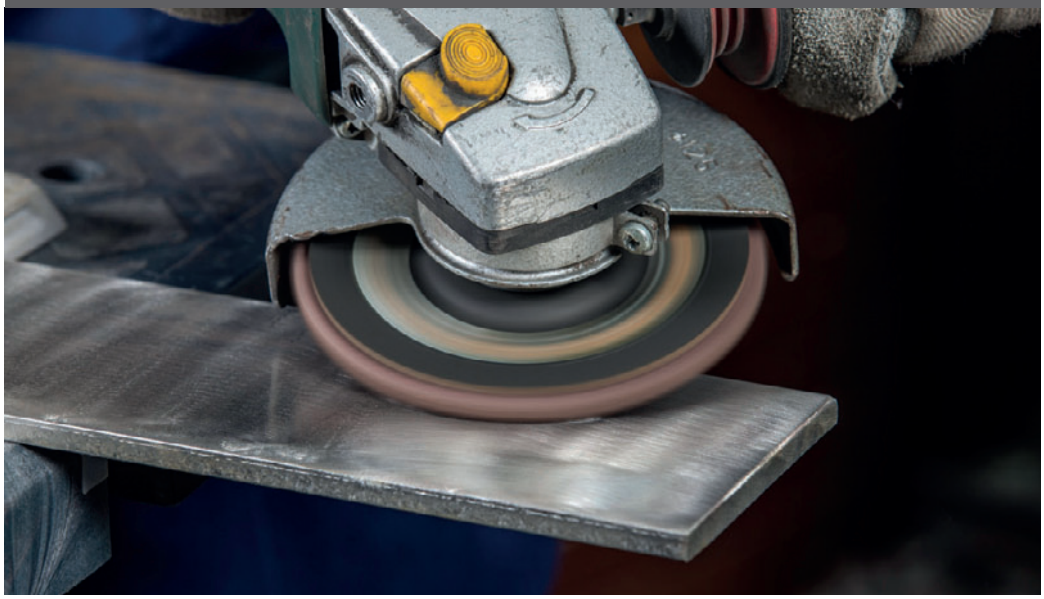
- Special coating of the flap belt
- Notched carrier for gentle loosening
- Trimmable ABS carrier

LGA ALU

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	40	13285	10	210473	PK05	4011890099667
115 × 22.23	60	13285	10	210474	PK05	4011890099681
125 × 22.23	40	12200	10	210475	PK05	4011890099575
125 × 22.23	60	12200	10	210476	PK05	4011890099704

NON-WOVEN FLAP DISCS





Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals
- Painted sheet metal

The fine and flexible non-woven fibres ensure a good surface finish.

For optimal results, use adjustable angle polishers and significantly reduced revolutions to prevent melting of the non-woven.

80 m/s

VLS

PROLINE ●●○

coarse medium/ fine/

Lifetime ●●●●○○
Stock removal ●●●○○○

Non-woven flap disc for gentle surface treatment.

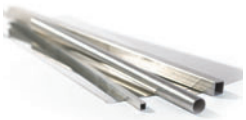
- Good surface finish
- Fine and flexible non-woven fibres
- Tough fibre glass carrier

Reduce revolutions!

VLS

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	coarse	13285	10	303343	PK07	4011890070758
115 × 22.23	medium	13285	10	303344	PK07	4011890070772
115 × 22.23	fine	13285	10	303345	PK07	4011890070796
125 × 22.23	coarse	12200	10	303346	PK07	4011890070819
125 × 22.23	medium	12200	10	303347	PK07	4011890070833
125 × 22.23	fine	12200	10	303348	PK07	4011890070857

FIBRE DISCS



Fibre discs are used on angle grinders together with the RHST and RH TURBO backing pads. They are suitable for universal grinding work, from coarse to fine grinding.

Zircon and ceramic grain fibre discs achieve their best performance on powerful angle grinders with increased contact pressure. Ceramic fibre discs are particularly well suited for processing titanium.

Material:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

24-80

KFK

TOPLINE ●●●

80 m/s

Ceramic grain fibre disc – the grain enables superior stock removal performance in a short period of time with a very long lifetime.

CERAMICON Around triple the lifetime

- Especially suitable for hardened and tempered steels, tinder areas and titanium
- Perceivably faster stock removal
- Long lifetime

For use only on matching RH TURBO and RH ST backing pads – see page 158

KFK

					Product category	EAN/pc. GTIN/pc.
100 × 16.00	24	15280	25	305503	PK06	4011890085288
100 × 16.00	36	15280	25	305504	PK06	4011890085295
100 × 16.00	40	15280	25	303321	PK06	4011890066102
100 × 16.00	60	15280	25	304293	PK06	4011890083444
100 × 16.00	80	15280	25	303322	PK06	4011890066119
115 × 22.23	24	13285	25	303325	PK06	4011890066140
115 × 22.23	36	13285	25	304291	PK06	4011890083352
115 × 22.23	40	13285	25	305505	PK06	4011890085301
115 × 22.23	60	13285	25	303324	PK06	4011890066133

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	80	13285	25	304294	PK06	4011890083451
125 × 22.23	24	12200	25	303329	PK06	4011890066188
125 × 22.23	36	12200	25	304292	PK06	4011890083369
125 × 22.23	40	12200	25	305506	PK06	4011890085318
125 × 22.23	60	12200	25	303327	PK06	4011890066164
125 × 22.23	80	12200	25	303328	PK06	4011890066171
150 × 22.23	24	10185	25	305507	PK06	4011890085325
150 × 22.23	36	10185	25	305508	PK06	4011890085332
150 × 22.23	40	10185	25	305509	PK06	4011890085349
150 × 22.23	60	10185	25	305510	PK06	4011890085356
150 × 22.23	80	10185	25	305511	PK06	4011890085363
180 × 22.23	24	8600	25	305512	PK06	4011890085370
180 × 22.23	36	8600	25	305513	PK06	4011890085387
180 × 22.23	40	8600	25	305514	PK06	4011890085394
180 × 22.23	60	8600	25	305515	PK06	4011890085400
180 × 22.23	80	8600	25	305516	PK06	4011890085417

80 m/s

KFZ

TOPLINE

24-80

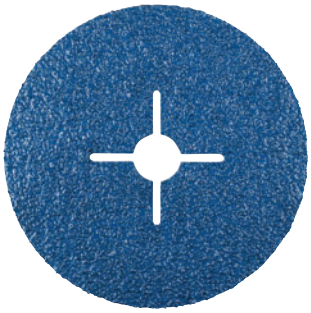
Zircon fibre disc – the grain enables excellent stock removal performance on steel and stainless steel.

- Excellent stock removal performance
- Long lifetime

For use only on matching RH TURBO and RH ST backing pads – see page 158

KFZ

					Product category	EAN/pc. GTIN/pc.
100 × 16.00	24	15280	25	305517	PK06	4011890085424
100 × 16.00	36	15280	25	305518	PK06	4011890085431
100 × 16.00	40	15280	25	305519	PK06	4011890085448
100 × 16.00	60	15280	25	305520	PK06	4011890085455
100 × 16.00	80	15280	25	305521	PK06	4011890085462
115 × 22.23	24	13285	25	305522	PK06	4011890085479
125 × 22.23	24	12200	25	300315	PK06	4011890022986
115 × 22.23	40	13285	25	305524	PK06	4011890085493
115 × 22.23	80	13285	25	305526	PK06	4011890085516
115 × 22.23	36	13285	25	305523	PK06	4011890085486
125 × 22.23	36	12200	25	300316	PK06	4011890022993
150 × 22.23	36	10185	25	305528	PK06	4011890085530
125 × 22.23	60	12200	25	300317	PK06	4011890023006
125 × 22.23	80	12200	25	300318	PK06	4011890023013
150 × 22.23	24	10185	25	305527	PK06	4011890085523
125 × 22.23	40	12200	25	304003	PK06	4011890081730
150 × 22.23	40	10185	25	305529	PK06	4011890085547
150 × 22.23	60	10185	25	305530	PK06	4011890085554
115 × 22.23	60	13285	25	305525	PK06	4011890085509
150 × 22.23	80	10185	25	305531	PK06	4011890085561
180 × 22.23	24	8600	25	305532	PK06	4011890085578
180 × 22.23	36	8600	25	305533	PK06	4011890085585
180 × 22.23	40	8600	25	305534	PK06	4011890085592
180 × 22.23	60	8600	25	305535	PK06	4011890085608
180 × 22.23	80	8600	25	305536	PK06	4011890085615



16/24/36/
40/50/60/
80/100/120

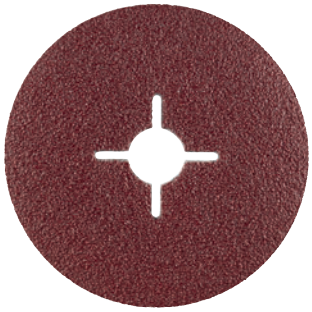
KFS

PROLINE ●●○

Aluminium oxide fibre disc – the grain enables superior stock removal performance on steel.

- Good stock removal performance
- Long lifetime
- Few sparks

For use only on matching RH TURBO and RH ST backing pads – see page 158



KFS

					Product category	EAN/pc. GTIN/pc.
100 × 16.00	16	15280	25	304284	PK06	4011890083130
100 × 16.00	24	15280	25	304285	PK06	4011890083147
100 × 16.00	36	15280	25	304286	PK06	4011890083154
100 × 16.00	40	15280	25	304287	PK06	4011890083161
100 × 16.00	50	15280	25	305537	PK06	4011890085622
100 × 16.00	60	15280	25	304288	PK06	4011890083178
100 × 16.00	80	15280	25	304289	PK06	4011890083185
100 × 16.00	100	15280	25	304283	PK06	4011890082768
100 × 16.00	120	15280	25	304290	PK06	4011890083192
115 × 22.23	16	13285	25	300001	PK06	4011890020807
115 × 22.23	24	13285	25	300002	PK06	4011890020814
115 × 22.23	36	13285	25	300003	PK06	4011890020821
115 × 22.23	40	13285	25	300004	PK06	4011890020838
115 × 22.23	50	13285	25	300005	PK06	4011890020845
115 × 22.23	60	13285	25	300006	PK06	4011890020852
115 × 22.23	80	13285	25	300007	PK06	4011890020869
115 × 22.23	100	13285	25	300008	PK06	4011890020876
115 × 22.23	120	13285	25	300009	PK06	4011890020883
125 × 22.23	16	12200	25	300057	PK06	4011890021262
125 × 22.23	24	12200	25	300058	PK06	4011890021279
125 × 22.23	36	12200	25	300059	PK06	4011890021286
125 × 22.23	40	12200	25	300060	PK06	4011890021293
125 × 22.23	50	12200	25	300061	PK06	4011890021309
125 × 22.23	60	12200	25	300062	PK06	4011890021316
125 × 22.23	80	12200	25	300063	PK06	4011890021323
125 × 22.23	100	12200	25	300064	PK06	4011890021330
125 × 22.23	120	12200	25	300065	PK06	4011890021347
150 × 22.23	16	10185	25	305538	PK06	4011890085639
150 × 22.23	24	10185	25	305539	PK06	4011890085646
150 × 22.23	36	10185	25	305540	PK06	4011890085653
150 × 22.23	40	10185	25	305541	PK06	4011890085660
150 × 22.23	60	10185	25	305542	PK06	4011890085677
150 × 22.23	80	10185	25	305543	PK06	4011890085684
150 × 22.23	120	10185	25	305544	PK06	4011890085691
180 × 22.23	16	8600	25	300127	PK06	4011890021828
180 × 22.23	24	8600	25	300128	PK06	4011890021835
180 × 22.23	36	8600	25	300129	PK06	4011890021842
180 × 22.23	40	8600	25	300130	PK06	4011890021859
180 × 22.23	60	8600	25	300132	PK06	4011890021873
180 × 22.23	80	8600	25	300133	PK06	4011890021880
180 × 22.23	120	8600	25	300135	PK06	4011890021903

80 m/s

SFA

PROLINE ●●○

16-80

Semi-flexible grinding disc for use on the matching RH ST backing pad.

- For processing steel
- Especially long lifetime
- Combines the benefits of fibre discs and grinding discs

For use only on matching RH TURBO and RH ST backing pads – see page 158

SFA

					Product category	EAN/pc. GTIN/pc.
125 × 22.23	16	12200	25	300461	PK06	4011890090565
125 × 22.23	24	12200	25	300462	PK06	4011890090572
125 × 22.23	36	12200	25	300463	PK06	4011890090589
125 × 22.23	60	12200	25	300465	PK06	4011890090596
125 × 22.23	80	12200	25	300466	PK06	4011890090602
180 × 22.23	24	8600	25	305485	PK06	4011890082591
180 × 22.23	36	8600	25	305486	PK06	4011890082607
180 × 22.23	60	8600	25	300472	PK06	4011890090619
180 × 22.23	80	8600	25	300473	PK06	4011890090626

80 m/s

SFC

PROLINE ●●○

16-80

Semi-flexible grinding disc for use on the matching RH ST backing pad.

- For processing stone
- Especially long lifetime
- Combines the benefits of fibre discs and grinding discs

For use only on matching RH ST backing pad – see page 158

SFC

					Product category	EAN/pc. GTIN/pc.
125 × 22.23	16	12200	25	305487	PK06	4011890082614
125 × 22.23	24	12200	25	300476	PK06	4011890090640
125 × 22.23	36	12200	25	300477	PK06	4011890090657
125 × 22.23	60	12200	25	300479	PK06	4011890090664
125 × 22.23	80	12200	25	300480	PK06	4011890090671
180 × 22.23	16	8600	25	300482	PK06	4011890090688
180 × 22.23	24	8600	25	300483	PK06	4011890090695
180 × 22.23	36	8600	25	300484	PK06	4011890090701
180 × 22.23	60	8600	25	300486	PK06	4011890090206
180 × 22.23	80	8600	25	300487	PK06	4011890090718

RH TURBO

TOPLINE ●●●

Turbo backing pad for fibre discs – the form enables aggressive grinding while ensuring optimised cooling.

- More aggressive working
- Cooler grind
- Especially suitable for CFRP

RH TURBO

				Product category	EAN/pc. GTIN/pc.
115 × M14	13285	10	300385	PK06	4011890030523
125 × M14	12200	10	300399	PK06	4011890030622
180 × M14	8600	10	300409	PK06	4011890030660

RHST

PROLINE ●●○

Backing pad for fibre discs – flexible to ensure optimum adjustment to the workpiece.

- More flexible backing pad
- Optimal adaptation to the workpiece
- Pleasant grinding

RHST

				Product category	EAN/pc. GTIN/pc.
100 × M10	15280	10	303672	PK06	4011890083307
115 × M14	13285	10	300383	PK06	4011890030509
125 × M14	12200	10	300397	PK06	4011890030608
150 × M14	10185	10	305545	PK06	4011890085707
180 × M14	8600	10	300406	PK06	4011890030646

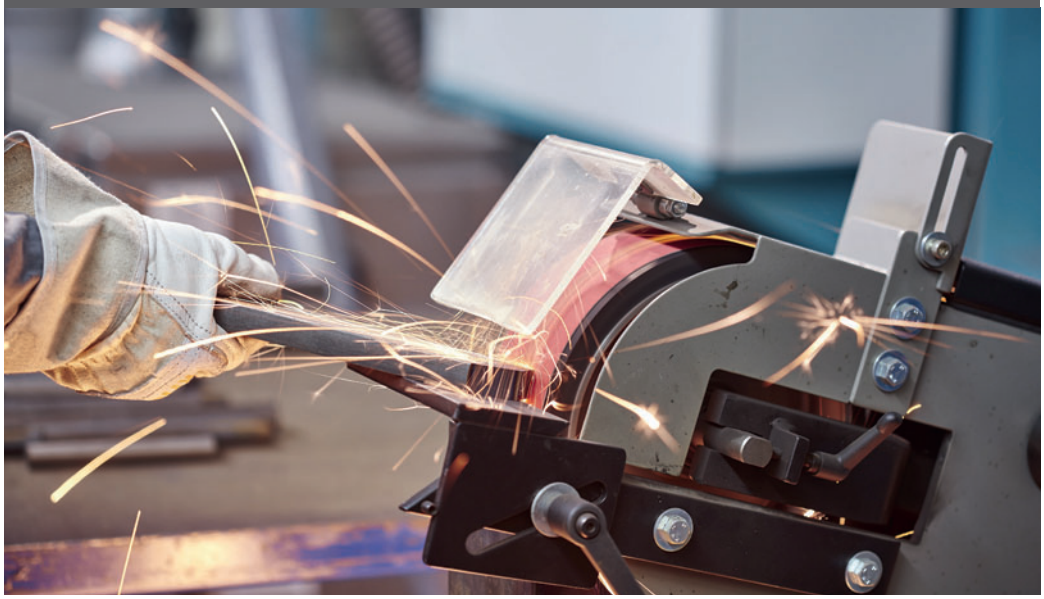
ABRASIVE BELTS

THE RIGHT ABRASIVE BELTS FOR YOUR MACHINE

In the following overview, you will find our machine recommendations for the various belt sizes.
Please contact us if the machine you use is not listed in the machine manufacturer overview presented below.

We look forward to helping you.

Abrasive belt dimensions in mm	Machine manufacturer	Machine type
6 × 520	Festool	BF1
6 × 610	Löser	14000; 14021; 14021F
9 × 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Makita	9032
10 × 330	Dynabride	15013
	Proxxon	28536
	Chicago Pneumatic	CP9779, CP858
	Ingersoll Rand	G1811
12 × 520	Festool	BF1
13 × 610	Löser	14000; 14021; 14021F
20 × 560	Festool	BF1
	Suhner	UBC 10-R
30 × 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Fein	RS10-70 E
	Makita	9031
	Suhner	UTC 7-R
40 × 760	Metabo	12-180 Set
	Flex	LRP 1503 VRA
75 × 457	Black & Decker	KA 85 EK; KA 85; KA86
	Bosch	PBS 7 A; PBS 7 AE
	Einhell	BBS 720; BBS 850 E; BT-BS 850 E
	Makita	9910/9911
	Peugeot	PB600
	SKIL	1100; 1200; 1205; 1200 H; 1205 H; 1210; 12010 AA; 7600; 7610 AD; 7610 AA; 7620 AA; 7675
	Stayer	2 N 75
75 × 533	Atlas Copco	HBSE 75 S; HBSE 75; MBSE 705
	Black & Decker	KA 75; KA 75 E; KA 88; XTA80EK
	Bosch	GBS 75 AE; PBS 75; PBS 75 A; PBS 75 AE; PBS 75 E
	DeWalt	DW430; DW431; DW432/DW433
	Festool	BS 75; BS 75E; BS 75 E-Set
	Felisatti	TP 411
	Hitachi	SB-75
	HOLZ-HER	2410; 2411; 2420
	Makita	9901; 9902/9903; 9900
	Metabo	Ba 0775; BAE 75; Ba E 0876 Signal; Ba E 1075
	Peugeot	PAB 75
	Ryobi	B-7076; B 850 F; BE 321; EBS 9576 V; EBS 8021 V; B-7075; BE-7075
	SKIL	594 U; 595 U; 7640 MA; 7650 AA; 7650 AE
100 × 560	AEG	HBS 100; HBSE 100; BBS 1100; BBSE 1100
	Elu	MHB90; MHB90 E; MHB90K
	DeWalt	DW 650; DW 650E
100 × 610	Einhell	BBS 1200
	Hitachi	SB 10 T; SB 10 V; SB 10 V2; SB 10 S2
	Makita	9402; 9403; 9404; 9924 DB
	Ryobi	B-7200 A; BE-422; BIBE 424; BE-4240; EBS 1310 V
100 × 620	Atlas Copco	BBS 100; BBSE 100
	Bosch	GBS 100 A; GBS 100 AE
	Metabo	Ba 6100
	Milwaukee	BS 100 LE
110 × 620	Hitachi	SB 110
75 × 2000	Fein	GIM; GIC
	Flott	BSM 75; BSM E1
	Holzmann	MSM 75
75 × 2500	Löser	KS 360
100 × 2000	Greif	D30 HFS 100



Abrasive belts are ideal for edge grinding or on a tube belt grinder for processing round workpieces, since they adapt to the shape of the workpiece.

Material:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Tool steels
- Hardened steels
- High-strength sheet metal
- Wood

36-80

ESB CL

TOPLINE

Backing type: Flexible T-cloth, cotton
Grain type: Ceramic grain
Bond: Synthetic resin
Coating type: Closed coated

Flexible continuous-feed belt with ceramic grain for hand-guided belt grinders.

- Bond made from synthetic resin enriched with abrasive grains for a cooler cut
- Closed coated for high stock removal performance on steel and stainless steel
- Flexible, tear-resistant cotton T-fabric for a long lifetime

CERAMICON Around triple the lifetime

ESB CL

				Product category	EAN/pc. GTIN/pc.
10 × 330	80	50	333003	PK06	4011890102688
20 × 520	36	50	333004	PK06	4011890102695
20 × 520	40	50	333005	PK06	4011890102701
20 × 520	60	50	333006	PK06	4011890102718
20 × 520	80	50	333007	PK06	4011890102725
10 × 330	60	50	333002	PK06	4011890102671
10 × 330	40	50	333001	PK06	4011890102664
10 × 330	36	50	333000	PK06	4011890102657

ESB ZL

TOPLINE

40 - 120

Flexible continuous-feed belt for hand-guided belt grinders.

- Closed coated for high material abrasion
- Tear-resistant X-cloth for long lifetime coupled with flexibility
- Safe through three full-face fabric layers

Backing type: Heavy-duty X-cloth, cotton
Grain type: Zirconium
Bond: Synthetic resin
Coating type: Closed coated

ESB ZL

				Product category	EAN/pc. GTIN/pc.
10 × 330	40	20	304109	PK06	4011890081891
10 × 330	60	20	304110	PK06	4011890081907
10 × 330	80	20	304111	PK06	4011890081914
10 × 330	120	20	305582	PK06	4011890086070
13 × 457	40	20	304113	PK06	4011890081921
13 × 457	60	20	304114	PK06	4011890081938
13 × 457	80	20	305583	PK06	4011890086087
13 × 457	120	20	304116	PK06	4011890081945
6 × 520	40	20	305546	PK06	4011890085714
6 × 520	60	20	305547	PK06	4011890085721
6 × 520	80	20	305548	PK06	4011890085738
6 × 520	120	20	305549	PK06	4011890085745
12 × 520	40	20	305550	PK06	4011890085752
12 × 520	60	20	305551	PK06	4011890085769
12 × 520	80	20	305552	PK06	4011890085776
12 × 520	120	20	305553	PK06	4011890085783
20 × 520	40	20	305584	PK06	4011890086094
20 × 520	60	20	304118	PK06	4011890081952
20 × 520	80	20	304119	PK06	4011890081969
20 × 520	120	20	305585	PK06	4011890086100
9 × 533	40	20	305558	PK06	4011890085837
9 × 533	60	20	305559	PK06	4011890085844
9 × 533	80	20	305560	PK06	4011890085851
9 × 533	120	20	305561	PK06	4011890085868
13 × 533	40	20	305562	PK06	4011890085875
13 × 533	60	20	305563	PK06	4011890085882
13 × 533	80	20	305564	PK06	4011890085899
13 × 533	120	20	305565	PK06	4011890085905
30 × 533	40	20	305566	PK06	4011890085912
30 × 533	60	20	305567	PK06	4011890085929
30 × 533	80	20	305568	PK06	4011890085936
30 × 533	120	20	305569	PK06	4011890085943
6 × 610	40	20	305570	PK06	4011890085950
6 × 610	60	20	305571	PK06	4011890085967
6 × 610	80	20	305572	PK06	4011890085974
6 × 610	120	20	305573	PK06	4011890085981
13 × 610	40	20	305574	PK06	4011890085998
13 × 610	60	20	305575	PK06	4011890086001
13 × 610	80	20	305576	PK06	4011890086018
13 × 610	120	20	305577	PK06	4011890086025
40 × 760	40	20	305578	PK06	4011890086032
40 × 760	60	20	305579	PK06	4011890086049
40 × 760	80	20	305580	PK06	4011890086056
40 × 760	120	20	305581	PK06	4011890086063

40-150

ESB KK

PROLINE

Backing type: X-cloth
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coated

Continuous-feed belt for belt grinders.

- Aluminium oxide Closed coated for high material abrasion on steel and wood
- Tear-resistant X-cloth for long lifetime
- Safe through three full-face fabric layers

ESB KK

				Product category	EAN/pc. GTIN/pc.
30 × 533	40	20	301289	PK06	4011890027240
30 × 533	60	20	301291	PK06	4011890027264
30 × 533	80	20	301292	PK06	4011890027271
30 × 533	100	20	301293	PK06	4011890027288
30 × 533	120	20	301294	PK06	4011890027295
30 × 533	150	20	301295	PK06	4011890027301
75 × 457	40	20	301408	PK06	4011890028155
75 × 457	60	20	301409	PK06	4011890028162
75 × 457	80	20	301410	PK06	4011890028179
75 × 457	100	20	301411	PK06	4011890028186
75 × 457	120	20	301412	PK06	4011890028193
75 × 457	150	20	301413	PK06	4011890028209
100 × 560	40	20	301491	PK06	4011890028933
100 × 560	60	20	301493	PK06	4011890082003
100 × 560	80	20	301494	PK06	4011890028964
100 × 560	100	20	301495	PK06	4011890028971
100 × 560	120	20	301496	PK06	4011890028988
100 × 560	150	20	301497	PK06	4011890028995
75 × 533	40	20	301421	PK06	4011890028285
75 × 533	60	20	301423	PK06	4011890028308
75 × 533	80	20	301424	PK06	4011890028315
75 × 533	100	20	301425	PK06	4011890028322
75 × 533	120	20	301426	PK06	4011890028339
75 × 533	150	20	301427	PK06	4011890028346
100 × 610	40	20	301510	PK06	4011890029183
100 × 610	60	20	301512	PK06	4011890029206
100 × 610	80	20	301513	PK06	4011890029213
100 × 610	100	20	301514	PK06	4011890029220
100 × 610	120	20	301515	PK06	4011890029237
100 × 620	40	20	301523	PK06	4011890029312
100 × 620	60	20	301525	PK06	4011890029336
100 × 620	80	20	301526	PK06	4011890029343
100 × 620	100	20	301527	PK06	4011890029350
100 × 620	120	20	301528	PK06	4011890029367
110 × 620	40	20	304062	PK06	4011890087732
110 × 620	60	20	301592	PK06	4011890029886
110 × 620	80	20	301593	PK06	4011890029893
110 × 620	100	20	301594	PK06	4011890029909
110 × 620	120	20	301595	PK06	4011890029916

ESB V

PROLINE ●●○

coarse – very fine

Non-woven continuous-feed belt for hand-guided belt grinders.

Backing type: X-flex

- X-Flex, very flexible
- No delamination
- Uniform surface finish

ESB V

				Product category	EAN/pc. GTIN/pc.
13 × 457	coarse	20	305986	PK06	4011890097304
13 × 457	medium	20	305987	PK06	4011890097311
13 × 457	very fine	20	305988	PK06	4011890097328
9 × 533	coarse	20	305992	PK06	4011890097571
9 × 533	medium	20	305993	PK06	4011890097588
9 × 533	very fine	20	305994	PK06	4011890097595
6 × 610	coarse	20	307032	PK06	4011890098943
6 × 610	medium	20	307033	PK06	4011890098950
6 × 610	very fine	20	307034	PK06	4011890098967
13 × 610	coarse	20	307035	PK06	4011890098974
13 × 610	medium	20	307036	PK06	4011890098981
13 × 610	very fine	20	307037	PK06	4011890098998
12 × 520	coarse	20	307038	PK06	4011890099001
12 × 520	medium	20	307039	PK06	4011890099018
12 × 520	very fine	20	307040	PK06	4011890099025
12 × 533	coarse	20	307041	PK06	4011890099032
12 × 533	medium	20	307042	PK06	4011890099049
12 × 533	very fine	20	307043	PK06	4011890099056
30 × 533	coarse	20	307044	PK06	4011890099063
30 × 533	medium	20	307045	PK06	4011890099070
30 × 533	very fine	20	307046	PK06	4011890099087
40 × 618	coarse	20	307047	PK06	4011890099094
40 × 618	medium	20	307048	PK06	4011890099100
40 × 618	very fine	20	307049	PK06	4011890099117
40 × 760	coarse	20	307050	PK06	4011890099124
40 × 760	medium	20	307051	PK06	4011890099131
40 × 760	very fine	20	307052	PK06	4011890099148

40/60/80

ESB CX

TOPLINE

Backing type: Heavy-duty X-polyester, waterproof
Grain type: Ceramic grain
Bond: Synthetic resin
Coating type: Closed coated

Continuous-feed belt with ceramic grain for stationary belt grinders.

- Bond from synthetic resin with abrasive grain fillers for cooler grinding
- Closed coated for high stock removal performance on steel and stainless steel
- Tear-resistant Y-polyester fabric, waterproof for long lifetime

CERAMICON
Around triple the lifetime

ESB CX

				Product category	EAN/pc. GTIN/pc.
75 × 2000	40	10	305966	PK06	4011890096673
75 × 2000	60	10	305967	PK06	4011890096680
75 × 2000	80	10	305968	PK06	4011890096697
150 × 2000	40	10	305969	PK06	4011890096703
150 × 2000	60	10	305970	PK06	4011890096710
150 × 2000	80	10	305971	PK06	4011890096727

40-120

ESB ZX

TOPLINE

Backing type:: Heavy-duty Y-polyester, waterproof
Grain type: Zirconium
Bond: Synthetic resin
Coating type: Closed coated

Continuous-feed belt with zirconium for stationary belt grinders.

- Zirconium Closed coated for high material abrasion on steel and stainless steel
- Tear-resistant Y-polyester fabric, waterproof for long lifetime
- Safe through three full-face fabric layers

ESB ZX

				Product category	EAN/pc. GTIN/pc.
75 × 2000	40	10	303692	PK06	4011890076439
75 × 2000	60	10	303693	PK06	4011890076446
75 × 2000	80	10	303694	PK06	4011890076453
75 × 2000	120	10	303695	PK06	4011890076460
75 × 2500	40	10	305587	PK06	4011890086124
75 × 2500	60	10	305588	PK06	4011890086131
75 × 2500	80	10	305589	PK06	4011890086148
75 × 2500	120	10	305590	PK06	4011890086155
100 × 2000	40	10	305591	PK06	4011890086162
100 × 2000	60	10	305592	PK06	4011890086179
100 × 2000	80	10	305593	PK06	4011890086186
100 × 2000	120	10	305594	PK06	4011890086193
150 × 2000	40	10	303700	PK06	4011890082034
150 × 2000	60	10	303701	PK06	4011890082072
150 × 2000	80	10	303702	PK06	4011890082089
150 × 2000	120	10	303703	PK06	4011890082041

ESB KX

PROLINE

40 – 120

Continuous-feed belt with standard aluminium oxide for stationary belt grinders.

- Aluminium oxide Closed coated for high material abrasion on steel
- Tear-resistant Y-polyester fabric, waterproof for long lifetime
- Safe through three full-face fabric layers

Backing type:: Heavy-duty Y-polyester, waterproof
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coated

ESB KX

				Product category	EAN/pc. GTIN/pc.
75 × 2000	40	10	303689	PK06	4011890028773
75 × 2000	60	10	303690	PK06	4011890028803
75 × 2000	80	10	303691	PK06	4011890028797
75 × 2000	120	10	305586	PK06	4011890086117
150 × 2000	40	10	303696	PK06	4011890082010
150 × 2000	60	10	303697	PK06	4011890082058
150 × 2000	80	10	303698	PK06	4011890082065
150 × 2000	120	10	303699	PK06	4011890082027

ESB VX

PROLINE

coarse – very fine

Non-woven continuous-feed belt for stationary belt grinders.

- Little expansion
- Uniform surface finish
- Long service life

Backing type: Low-stretch

ESB VX

				Product category	EAN/pc. GTIN/pc.
75 × 2000	coarse	5	307053	PK06	4011890099155
75 × 2000	medium	5	307054	PK06	4011890099162
75 × 2000	very fine	5	307055	PK06	4011890099179
150 × 2000	coarse	5	307056	PK06	4011890099186
150 × 2000	medium	5	307057	PK06	4011890099193
150 × 2000	very fine	5	307058	PK06	4011890099209

ABRASIVE SLEEVES

Abrasive sleeves for mounting the matching SHEK expanding body.

Material:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- High-strength sheet metal

50/80

ESH

TOPLINE

Grain type: Zirconium

Abrasive sleeves for mounting the matching SHEK expanding body.
Cotton interior reinforcement.

- High stock removal performance
- Small dimensions for working where space is at a premium
- Zirconium, for processing steel and stainless steel

ESH

					Product category	EAN/pc. GTIN/pc.
10 × 10	50	38000	50	305209	PK06	4011890080641
10 × 10	80	38000	50	305210	PK06	4011890080658
13 × 25	50	30000	50	305214	PK06	4011890080696
13 × 25	80	30000	50	305215	PK06	4011890080702
15 × 30	50	26000	50	305219	PK06	4011890080740
15 × 30	80	26000	50	305220	PK06	4011890080757
22 × 20	50	17000	50	305224	PK06	4011890080795
22 × 20	80	17000	50	305225	PK06	4011890080801
25 × 25	50	15000	50	305229	PK06	4011890080849
25 × 25	80	15000	50	305230	PK06	4011890080856
30 × 30	50	13000	50	305234	PK06	4011890080894
30 × 30	80	13000	50	305235	PK06	4011890080900
38 × 25	50	10000	50	305439	PK06	4011890080948
38 × 25	80	10000	50	305440	PK06	4011890080955

					Product category	EAN/pc. GTIN/pc.
45 × 30	80	8500	50	305481	PK06	4011890082171
45 × 30	50	8500	50	305480	PK06	4011890082164
51 × 25	50	7500	50	305444	PK06	4011890080993
51 × 25	80	7500	50	305445	PK06	4011890081006
60 × 30	50	6500	50	305449	PK06	4011890081044
60 × 30	80	6500	50	305450	PK06	4011890081051
75 × 30	50	5000	50	305454	PK06	4011890081099
75 × 30	80	5000	50	305455	PK06	4011890081105
100 × 40	50	4000	25	305459	PK06	4011890081143
100 × 40	80	4000	25	305460	PK06	4011890081150

SSH

PROLINE ●●○

50 - 150

Abrasive sleeves for mounting the matching SHEK expanding body.
Cotton interior reinforcement.

- High stock removal performance
- Small dimensions for working where space is at a premium
- Aluminium oxide, for processing steel

SSH

					Product category	EAN/pc. GTIN/pc.
10 × 10	50	38000	50	305206	PK06	4011890080610
10 × 10	80	38000	50	305207	PK06	4011890080627
10 × 10	150	38000	50	305208	PK06	4011890080634
13 × 25	50	30000	50	305211	PK06	4011890080665
13 × 25	80	30000	50	305212	PK06	4011890080672
13 × 25	150	30000	50	305213	PK06	4011890080689
15 × 30	50	26000	50	305216	PK06	4011890080719
15 × 30	80	26000	50	305217	PK06	4011890080726
15 × 30	150	26000	50	305218	PK06	4011890080733
22 × 20	50	17000	50	305221	PK06	4011890080764
22 × 20	80	17000	50	305222	PK06	4011890080771
22 × 20	150	17000	50	305223	PK06	4011890080788
25 × 25	50	15000	50	305226	PK06	4011890080818
25 × 25	80	15000	50	305227	PK06	4011890080825
25 × 25	150	15000	50	305228	PK06	4011890080832
30 × 30	50	13000	50	305231	PK06	4011890080863
30 × 30	80	13000	50	305232	PK06	4011890080870
30 × 30	150	13000	50	305233	PK06	4011890080887
38 × 25	50	10000	50	305236	PK06	4011890080917
38 × 25	80	10000	50	305237	PK06	4011890080924
38 × 25	150	10000	50	305238	PK06	4011890080931
45 × 30	50	8500	50	305477	PK06	4011890082133
45 × 30	80	8500	50	305478	PK06	4011890082140
45 × 30	150	8500	50	305479	PK06	4011890082157
51 × 25	50	7500	50	305441	PK06	4011890080962
51 × 25	80	7500	50	305442	PK06	4011890080979
51 × 25	150	7500	50	305443	PK06	4011890080986
60 × 30	50	6500	50	305446	PK06	4011890081013
60 × 30	80	6500	50	305447	PK06	4011890081020
60 × 30	150	6500	50	305448	PK06	4011890081037
75 × 30	50	5000	50	305451	PK06	4011890081068
75 × 30	80	5000	50	305452	PK06	4011890081075
75 × 30	150	5000	50	305453	PK06	4011890081082
100 × 40	50	4000	25	305456	PK06	4011890081112
100 × 40	80	4000	25	305457	PK06	4011890081129
100 × 40	150	4000	25	305458	PK06	4011890081136

SHEK

PROLINE ●●○

Expanding body for abrasive sleeves with a 6 mm shank.
Especially durable and stable due to high-quality rubber.

- Long lifetime
- Medium hardness
- Ventilation for cooler grinding

SHEK

				Product category	EAN/pc. GTIN/pc.
10 × 10 × 6.0	38000	5	305410	PK06	4011890081167
13 × 25 × 6.0	30000	5	305411	PK06	4011890081174
15 × 30 × 6.0	26000	5	305412	PK06	4011890081181
22 × 20 × 6.0	17000	5	305413	PK06	4011890081198
25 × 25 × 6.0	15000	5	305414	PK06	4011890081204
30 × 20 × 6.0	13000	5	305415	PK06	4011890081211
30 × 30 × 6.0	13000	5	305416	PK06	4011890081228
38 × 25 × 6.0	10000	5	305417	PK06	4011890081235
45 × 30 × 6.0	8500	5	305482	PK06	4011890082249
51 × 25 × 6.0	7500	5	305418	PK06	4011890081242
60 × 30 × 6.0	6500	5	305419	PK06	4011890081259
75 × 30 × 8.0	5000	2	305420	PK06	4011890081266
100 × 40 × 8.0	4000	2	305421	PK06	4011890081273

FLAP WHEELS

Material:
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox
- High-strength sheet metal

The uniform arrangement of the flaps ensures consistent wear. The high flexibility, especially for slotted versions, facilitates good adaptation to the material shapes. Furthermore, cool grinding is achieved with the ventilation of the individual flaps.

Flap wheels are ideal for fine deburring work and preparatory work on hard-to-reach locations.

SLR

PROLINE

40-320

Abrasive flap wheel, for use on angle grinders.

Grain type: Aluminium oxide

- The flexible flaps facilitate optimal adaptation to the workpiece
- Especially high number of flaps for long lifetime
- Good stock removal performance

SLR

					Product category	EAN/pc. GTIN/pc.
115 × 20.0 × M14	40	13300	5	305182	PK06	4011890079997
115 × 20.0 × M14	60	13300	5	305183	PK06	4011890080009
115 × 20.0 × M14	80	13300	5	305184	PK06	4011890080016
115 × 20.0 × M14	120	13300	5	305185	PK06	4011890080023
115 × 20.0 × M14	180	13300	5	305186	PK06	4011890080030
115 × 20.0 × M14	240	13300	5	305187	PK06	4011890080047
115 × 20.0 × M14	320	13300	5	305188	PK06	4011890080054
125 × 20.0 × M14	40	12200	5	305189	PK06	4011890080061
125 × 20.0 × M14	60	12200	5	305190	PK06	4011890080078
125 × 20.0 × M14	80	12200	5	305191	PK06	4011890080085
125 × 20.0 × M14	120	12200	5	305192	PK06	4011890080092
125 × 20.0 × M14	180	12200	5	305193	PK06	4011890080108
125 × 20.0 × M14	240	12200	5	305194	PK06	4011890080115
125 × 20.0 × M14	320	12200	5	305195	PK06	4011890080122

80-150

FS MINI

TOPLINE

Grain type: Aluminium oxide

Flap wheel with exceptionally compact form factor.
Shank diameter 3 mm.

- Extremely small dimensions
- Large number of flaps
- Manufactured by hand

FS MINI

					Product category	EAN/pc. GTIN/pc.
10 × 10 × 3.0	80	38200	10	305102	PK06	4011890078464
10 × 10 × 3.0	120	38200	10	305103	PK06	4011890078471
10 × 10 × 3.0	150	38200	10	305104	PK06	4011890078488
15 × 15 × 3.0	80	38200	10	305105	PK06	4011890078495
15 × 15 × 3.0	120	38200	10	305106	PK06	4011890078501
15 × 15 × 3.0	150	38200	10	305107	PK06	4011890078518
20 × 10 × 3.0	80	38200	10	305108	PK06	4011890078525
20 × 10 × 3.0	120	38200	10	305109	PK06	4011890078532
20 × 10 × 3.0	150	38200	10	305110	PK06	4011890078549
20 × 15 × 3.0	80	38200	10	305111	PK06	4011890078556
20 × 15 × 3.0	120	38200	10	305112	PK06	4011890078563
20 × 15 × 3.0	150	38200	10	305113	PK06	4011890078570

40-240

FS

TOPLINE

Grain type: Aluminium oxide

Flap wheel with a 6 mm shank.

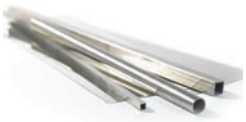
- Large synthetic resin core for long lifetime
- Flexible X-cloth for good adaptation to the workpiece
- Good stock removal performance

FS

					Product category	EAN/pc. GTIN/pc.
30 × 10 × 6.0	40	25400	10	305641	PK06	4011890086667
30 × 10 × 6.0	60	25400	10	305114	PK06	4011890078587
30 × 10 × 6.0	80	25400	10	305115	PK06	4011890078594
30 × 10 × 6.0	120	25400	10	305116	PK06	4011890078600
30 × 10 × 6.0	150	25400	10	305117	PK06	4011890078617
30 × 10 × 6.0	240	25400	10	305118	PK06	4011890078624
30 × 15 × 6.0	40	25400	10	305489	PK06	4011890083536
30 × 15 × 6.0	60	25400	10	305119	PK06	4011890078631
30 × 15 × 6.0	80	25400	10	305120	PK06	4011890078648
30 × 15 × 6.0	120	25400	10	305121	PK06	4011890078655
30 × 15 × 6.0	150	25400	10	305122	PK06	4011890078662
30 × 15 × 6.0	240	25400	10	305123	PK06	4011890078679
40 × 15 × 6.0	40	19100	10	305642	PK06	4011890086674
40 × 15 × 6.0	60	19100	10	305124	PK06	4011890078686
40 × 15 × 6.0	80	19100	10	305125	PK06	4011890078693
40 × 15 × 6.0	120	19100	10	305126	PK06	4011890078709
40 × 15 × 6.0	150	19100	10	305127	PK06	4011890078716
40 × 15 × 6.0	240	19100	10	305128	PK06	4011890078723
40 × 20 × 6.0	40	19100	10	305643	PK06	4011890086681
40 × 20 × 6.0	60	19100	10	305129	PK06	4011890078730
40 × 20 × 6.0	80	19100	10	305130	PK06	4011890078747
40 × 20 × 6.0	120	19100	10	305131	PK06	4011890078754
40 × 20 × 6.0	150	19100	10	305132	PK06	4011890078761

					Product category	EAN/pc. GTIN/pc.
40 × 20 × 6.0	240	19100	10	305133	PK06	4011890078778
50 × 15 × 6.0	40	15200	10	305490	PK06	4011890083543
50 × 15 × 6.0	60	15200	10	305488	PK06	4011890083505
50 × 15 × 6.0	80	15200	10	305134	PK06	4011890078785
50 × 15 × 6.0	120	15200	10	305135	PK06	4011890078792
50 × 15 × 6.0	150	15200	10	305136	PK06	4011890078808
50 × 15 × 6.0	240	15200	10	305137	PK06	4011890078815
50 × 20 × 6.0	40	15200	10	305644	PK06	4011890086698
50 × 20 × 6.0	60	15200	10	305138	PK06	4011890078822
50 × 20 × 6.0	80	15200	10	305139	PK06	4011890078839
50 × 20 × 6.0	120	15200	10	305140	PK06	4011890078846
50 × 20 × 6.0	150	15200	10	305141	PK06	4011890078853
50 × 20 × 6.0	240	15200	10	305142	PK06	4011890078860
50 × 30 × 6.0	40	15200	10	305645	PK06	4011890086704
50 × 30 × 6.0	60	15200	10	305143	PK06	4011890078877
50 × 30 × 6.0	80	15200	10	305144	PK06	4011890078884
50 × 30 × 6.0	120	15200	10	305145	PK06	4011890078891
50 × 30 × 6.0	150	15200	10	305146	PK06	4011890078907
50 × 30 × 6.0	240	15200	10	305147	PK06	4011890078914
60 × 20 × 6.0	40	12700	10	305646	PK06	4011890086711
60 × 20 × 6.0	60	12700	10	305148	PK06	4011890078921
60 × 20 × 6.0	80	12700	10	305149	PK06	4011890078938
60 × 20 × 6.0	120	12700	10	305150	PK06	4011890078945
60 × 20 × 6.0	150	12700	10	305151	PK06	4011890078952
60 × 20 × 6.0	240	12700	10	305152	PK06	4011890078969
60 × 30 × 6.0	40	12700	10	305491	PK06	4011890083550
60 × 30 × 6.0	60	12700	10	305153	PK06	4011890078976
60 × 30 × 6.0	80	12700	10	305154	PK06	4011890078983
60 × 30 × 6.0	120	12700	10	305155	PK06	4011890078990
60 × 30 × 6.0	150	12700	10	305156	PK06	4011890079003
60 × 30 × 6.0	240	12700	10	305157	PK06	4011890079010
60 × 40 × 6.0	40	12700	10	305492	PK06	4011890083567
60 × 40 × 6.0	60	12700	10	305493	PK06	4011890083574
60 × 40 × 6.0	80	12700	10	305494	PK06	4011890083581
60 × 40 × 6.0	120	12700	10	305495	PK06	4011890083598
60 × 40 × 6.0	150	12700	10	305496	PK06	4011890083604
60 × 40 × 6.0	240	12700	10	305497	PK06	4011890083611
60 × 50 × 6.0	40	12700	10	305647	PK06	4011890086728
60 × 50 × 6.0	60	12700	10	305158	PK06	4011890079027
60 × 50 × 6.0	80	12700	10	305159	PK06	4011890079034
60 × 50 × 6.0	120	12700	10	305160	PK06	4011890079041
60 × 50 × 6.0	150	12700	10	305161	PK06	4011890079058
60 × 50 × 6.0	240	12700	10	305162	PK06	4011890079065
80 × 30 × 6.0	40	8900	10	305498	PK06	4011890083628
80 × 30 × 6.0	60	8900	10	305163	PK06	4011890079072
80 × 30 × 6.0	80	8900	10	305164	PK06	4011890079089
80 × 30 × 6.0	120	8900	10	305165	PK06	4011890079096
80 × 30 × 6.0	150	8900	10	305166	PK06	4011890079102
80 × 30 × 6.0	240	8900	10	305167	PK06	4011890079119
80 × 40 × 6.0	40	8900	10	305648	PK06	4011890086735
80 × 40 × 6.0	60	8900	10	305168	PK06	4011890079126
80 × 40 × 6.0	80	8900	10	305169	PK06	4011890079133
80 × 40 × 6.0	120	8900	10	305170	PK06	4011890079140
80 × 40 × 6.0	150	8900	10	305171	PK06	4011890079157
80 × 40 × 6.0	240	8900	10	305172	PK06	4011890079164
80 × 50 × 6.0	40	8900	10	305649	PK06	4011890086742
80 × 50 × 6.0	60	8900	10	305173	PK06	4011890079171
80 × 50 × 6.0	80	8900	10	305174	PK06	4011890079188
80 × 50 × 6.0	120	8900	10	305175	PK06	4011890079195
80 × 50 × 6.0	150	8900	10	305176	PK06	4011890079201
80 × 50 × 6.0	240	8900	10	305177	PK06	4011890079218

NON-WOVEN FLAP WHEELS



Combined flap wheels made from abrasive cloth and non-woven as well as non-woven flap wheels give the workpiece a good surface finish, especially on hard-to-reach locations.

Prepare the workpiece for polishing in a single operation by using the combined flap wheels.

Material:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- High-strength sheet metal
- Non-ferrous metals

coarse – very fine

VSK

TOPLINE

Flap wheel with combined abrasive cloth/non-woven material.

- High material abrasion with simultaneous surface finish
- Good lifetime
- For use on straight grinders and flexible shafts

VSK

					Product category	EAN/pc. GTIN/pc.
40 × 20 × 6.0	A60/coarse	17100	10	305313	PK06	4011890079324
40 × 20 × 6.0	A80/medium	17100	10	305314	PK06	4011890079331
40 × 20 × 6.0	A150/fine	17100	10	305315	PK06	4011890079348
40 × 20 × 6.0	A240/very fine	17100	10	305316	PK06	4011890079355
40 × 30 × 6.0	A60/coarse	17100	10	305317	PK06	4011890079362
40 × 30 × 6.0	A80/medium	17100	10	305318	PK06	4011890079379
40 × 30 × 6.0	A150/fine	17100	10	305319	PK06	4011890079386
40 × 30 × 6.0	A240/very fine	17100	10	305320	PK06	4011890079393
50 × 30 × 6.0	A60/coarse	13700	10	305650	PK06	4011890086759
50 × 30 × 6.0	A80/medium	13700	10	305651	PK06	4011890086766
50 × 30 × 6.0	A150/fine	13700	10	305652	PK06	4011890086773
50 × 30 × 6.0	A240/very fine	13700	10	305653	PK06	4011890086780
60 × 30 × 6.0	A60/coarse	11500	10	305321	PK06	4011890079409

					Product category	EAN/pc. GTIN/pc.
60 × 30 × 6.0	A80/medium	11500	10	305322	PK06	4011890079416
60 × 30 × 6.0	A150/fine	11500	10	305323	PK06	4011890079423
60 × 30 × 6.0	A240/very fine	11500	10	305324	PK06	4011890079430
60 × 40 × 6.0	A60/coarse	11500	10	305325	PK06	4011890079447
60 × 40 × 6.0	A80/medium	11500	10	305326	PK06	4011890079454
60 × 40 × 6.0	A150/fine	11500	10	305327	PK06	4011890079461
60 × 40 × 6.0	A240/very fine	11500	10	305328	PK06	4011890079478
80 × 40 × 6.0	A60/coarse	8600	10	305329	PK06	4011890079485
80 × 40 × 6.0	A80/medium	8600	10	305330	PK06	4011890079492
80 × 40 × 6.0	A150/fine	8600	10	305331	PK06	4011890079508
80 × 40 × 6.0	A240/very fine	8600	10	305332	PK06	4011890079515
80 × 50 × 6.0	A60/coarse	8600	10	305333	PK06	4011890079522
80 × 50 × 6.0	A80/medium	8600	10	305334	PK06	4011890079539
80 × 50 × 6.0	A150/fine	8600	10	305335	PK06	4011890079546
80 × 50 × 6.0	A240/very fine	8600	10	305336	PK06	4011890079553

VS

TOPLINE

coarse – very fine

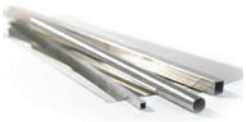
Non-woven flap wheel with high quality non-woven disc for satin finishing.

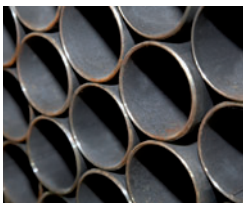
- Consistent finishing
- Very flexible
- Open structure, thus no clogging

VS

					Product category	EAN/pc. GTIN/pc.
40 × 30 × 6.0	coarse	17100	10	305337	PK06	4011890079560
40 × 30 × 6.0	medium	17100	10	305338	PK06	4011890079577
40 × 30 × 6.0	fine	17100	10	305339	PK06	4011890079584
40 × 30 × 6.0	very fine	17100	10	305340	PK06	4011890079591
50 × 30 × 6.0	coarse	13700	10	305341	PK06	4011890079607
50 × 30 × 6.0	medium	13700	10	305342	PK06	4011890079614
50 × 30 × 6.0	fine	13700	10	305343	PK06	4011890079621
50 × 30 × 6.0	very fine	13700	10	305344	PK06	4011890079638
60 × 50 × 6.0	coarse	11500	10	305345	PK06	4011890079645
60 × 50 × 6.0	medium	11500	10	305346	PK06	4011890079652
60 × 50 × 6.0	fine	11500	10	305347	PK06	4011890079669
60 × 50 × 6.0	very fine	11500	10	305348	PK06	4011890079676
80 × 50 × 6.0	coarse	8600	10	305349	PK06	4011890079683
80 × 50 × 6.0	medium	8600	10	305350	PK06	4011890079690
80 × 50 × 6.0	fine	8600	10	305351	PK06	4011890079706
80 × 50 × 6.0	very fine	8600	10	305352	PK06	4011890079713

DRUMS





Drums, for use with satin finishing machines.

Material:

- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals

SVSW

PROLINE ●●○

Non-woven cleaning drum, for use on satin finishing machines for the removal of paints and rust.

- Open structure, thus no clogging
- High grain concentration for great cleaning performance
- Manufactured from rings, therefore markedly longer lifetime

SVSW

	U/min			Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	5000	1	305409	PK07	4011890080337

+49 2636 920 400 | +49 800 664 5394 | service@rhodius.de | www.rhodius-abrasives.com

LW/BW

TOPLINE

40-320

Abrasive flap drum, for use with satin finishing machines.

Grain type: Aluminium oxide

- Long lifetime through high-density fill
- BW with slotted flaps for optimal workpiece adaptation

LW

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	40	5700	1	305196	PK06	4011890080344
100 × 100 × 19.00	60	5700	1	305197	PK06	4011890080351
100 × 100 × 19.00	80	5700	1	305198	PK06	4011890080368
100 × 100 × 19.00	120	5700	1	305199	PK06	4011890080375
100 × 100 × 19.00	180	5700	1	305200	PK06	4011890080382
100 × 100 × 19.00	240	5700	1	305201	PK06	4011890080399
100 × 100 × 19.00	320	5700	1	305202	PK06	4011890080405

BW

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	60	5000	1	305203	PK06	4011890080412
100 × 100 × 19.00	80	5000	1	305204	PK06	4011890080429
100 × 100 × 19.00	120	5000	1	305205	PK06	4011890080436

VWK

TOPLINE

coarse – very fine

Drum, for use with satin finishing machines.
Fill: combination of abrasive cloth and non-woven material.

- Strong material abrasion with simultaneous surface finish
- Long lifetime through high-density fill
- Open structure, thus less clogging

VWK

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	A60	5700	1	305353	PK06	4011890080443
100 × 100 × 19.00	A80	5700	1	305354	PK06	4011890080450
100 × 100 × 19.00	A150	5700	1	305355	PK06	4011890080467
100 × 100 × 19.00	A240	5700	1	305356	PK06	4011890080474

coarse - s - ultra fine

VW

TOPLINE

Non-woven disc drum, for use with satin finishing machines.

- Consistent finishing
- Long lifetime through high-density fill
- Open structure, thus less clogging

VW

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	coarse	5700	1	305357	PK06	4011890080481
100 × 100 × 19.00	medium	5700	1	305358	PK06	4011890080498
100 × 100 × 19.00	fine	5700	1	305359	PK06	4011890080504
100 × 100 × 19.00	very fine	5700	1	305360	PK06	4011890080511
100 × 100 × 19.00	ultra-fine	5700	1	305361	PK06	4011890080528

D3 - D5 / H25 - H40

FW/FBW

TOPLINE

Felt flap drum, for use with satin finishing machines.

- High-quality wool felt
- Long lifetime through high-density fill
- FBW with slotted flaps for optimal workpiece adaptation

Use felt flap drums with the corresponding polishing paste.

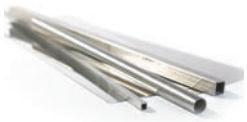
FW

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	D3/H25	3700	1	305395	PK07	4011890080535
100 × 100 × 19.00	D3/H40	3700	1	305396	PK07	4011890080542
100 × 100 × 19.00	D5/H25	3700	1	305397	PK07	4011890080559
100 × 100 × 19.00	D5/H40	3700	1	305398	PK07	4011890080566

FBW

					Product category	EAN/pc. GTIN/pc.
100 × 100 × 19.00	D3/H25	3700	1	305399	PK07	4011890080573
100 × 100 × 19.00	D3/H40	3700	1	305400	PK07	4011890080580
100 × 100 × 19.00	D5/H25	3700	1	305401	PK07	4011890080597
100 × 100 × 19.00	D5/H40	3700	1	305402	PK07	4011890080603

QUICK CHANGE DISCS



Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals

The quick-change system facilitates quick and easy tool changes. Without sticking. Without slippage.

Quick-change discs are mainly used on small and hard-to-reach areas, e.g. during automotive repair and maintenance.

SVS QUICK HD

TOPLINE

extra coarse

CERAMICON
Around triple the lifetime

Non-woven cleaning tool for the quick change system with ceramic high-performance abrasive grain.

- Stable edges
- Maximum cleaning performance
- Quick tool change without bonding or sliding

SVS QUICK HD

					Product category	EAN/pc. GTIN/pc.
51	extra coarse	10500	10	305403	PK07	4011890081402
76	extra coarse	7000	10	305404	PK07	4011890081419

40 - 120

LSZ QUICK

TOPLINE

Zirconium flap disc for the quick change system, offering maximum stock removal performance combined with a very long lifetime.

- Maximum lifetime
- Excellent stock removal performance
- Quick tool change without bonding or sliding

LSZ QUICK

					Product category	EAN/pc. GTIN/pc.
51	40	25000	10	303909	PK05	4011890097762
51	60	25000	10	303931	PK05	4011890099216
51	80	25000	10	303932	PK05	4011890099223
51	120	25000	10	303933	PK05	4011890099230
76	40	20000	10	303934	PK05	4011890099247
76	60	20000	10	303935	PK05	4011890099254
76	80	20000	10	303936	PK05	4011890099261
76	120	20000	10	303937	PK05	4011890099278

36 - 120

KFK QUICK

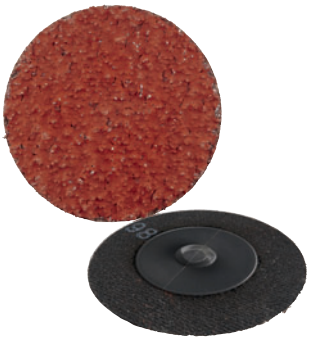
TOPLINE

Backing type: X-support
Grain type: Ceramic grain

Ceramic grain fibre disc for the quick change system – the grain enables rapid and superior stock removal performance.

CERAMICON
Around triple the lifetime

- Especially suitable for hardened and tempered steels, tinder areas and titanium
- Perceivably faster stock removal
- Quick tool change without bonding or sliding



KFK QUICK

					Product category	EAN/pc. GTIN/pc.
25	36	60000	100	333008	PK06	4011890102732
25	60	60000	100	333009	PK06	4011890102749
25	80	60000	100	333010	PK06	4011890102756
25	120	60000	100	333011	PK06	4011890102763
38	36	40000	100	333012	PK06	4011890102770
38	60	40000	100	333013	PK06	4011890102787
38	80	40000	100	333014	PK06	4011890102794
38	120	40000	100	333015	PK06	4011890102800
51	36	25000	100	307016	PK06	4011890098158
51	60	25000	100	307017	PK06	4011890098165
51	80	25000	100	307018	PK06	4011890098172
51	120	25000	100	307019	PK06	4011890098189
76	36	20000	50	307020	PK06	4011890098196
76	60	20000	50	307021	PK06	4011890098202
76	80	20000	50	307022	PK06	4011890098219
76	120	20000	50	307023	PK06	4011890098226

KFZ QUICK

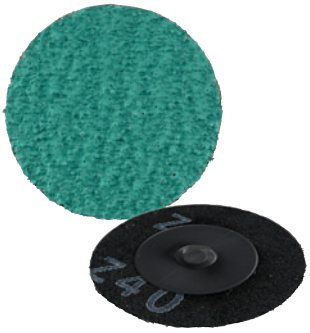
36 - 120

TOPLINE

Zirconium fibre disc for the quick change system – the grain enables excellent stock removal performance on steel and stainless steel.

Backing type: Y-cloth
Grain type: Zirconium

- Excellent stock removal performance
- Abrasion-activated fillers for cool and quick grinding
- Quick tool change without bonding or sliding



KFZ QUICK

					Product category	EAN/pc. GTIN/pc.
25	36	60000	100	333016	PK06	4011890102817
25	40	60000	100	333017	PK06	4011890102824
25	60	60000	100	333018	PK06	4011890102831
25	80	60000	100	333019	PK06	4011890102848
25	120	60000	100	333020	PK06	4011890102855
38	36	40000	100	333021	PK06	4011890102862
38	40	40000	100	333022	PK06	4011890102879
38	60	40000	100	333023	PK06	4011890102886
38	80	40000	100	333024	PK06	4011890102893
38	120	40000	100	333025	PK06	4011890102909
51	36	25000	100	305429	PK06	4011890081280
51	40	25000	100	305430	PK06	4011890081297
51	60	25000	100	305431	PK06	4011890081303
51	80	25000	100	305432	PK06	4011890081310
51	120	25000	100	305433	PK06	4011890081327
76	36	20000	50	305434	PK06	4011890081334
76	40	20000	50	305435	PK06	4011890081341
76	60	20000	50	305436	PK06	4011890081358
76	80	20000	50	305437	PK06	4011890081365
76	120	20000	50	305438	PK06	4011890081372

KFS QUICK

24 - 120

PROLINE

Aluminium oxide fibre disc for the quick change system – the grain enables excellent stock removal performance on steel.

Backing type: X-support
Grain type: Aluminium oxide

- Good stock removal
- Long lifetime
- Rapid tool changeover without sticking or slippage

KFS QUICK

					Product category	EAN/pc. GTIN/pc.
25	24	60000	100	333026	PK06	4011890102916
25	36	60000	100	333027	PK06	4011890102923
25	40	60000	100	333028	PK06	4011890102930
25	50	60000	100	333029	PK06	4011890102947
25	60	60000	100	333030	PK06	4011890102954
25	80	60000	100	333031	PK06	4011890102961
25	100	60000	100	333032	PK06	4011890102978
25	120	60000	100	333033	PK06	4011890102985
38	24	40000	100	333034	PK06	4011890102992
38	36	40000	100	333035	PK06	4011890103005
38	40	40000	100	333036	PK06	4011890103012

					Product category	EAN/pc. GTIN/pc.
38	50	40000	100	333037	PK06	4011890103029
38	60	40000	100	333038	PK06	4011890103036
38	80	40000	100	333039	PK06	4011890103043
38	100	40000	100	333040	PK06	4011890103050
38	120	40000	100	333041	PK06	4011890103067
51	24	25000	100	333042	PK06	4011890103074
51	36	25000	100	333043	PK06	4011890103081
51	40	25000	100	333044	PK06	4011890103098
51	50	25000	100	333045	PK06	4011890103104
51	60	25000	100	333046	PK06	4011890103111
51	80	25000	100	333047	PK06	4011890103128
51	100	25000	100	333048	PK06	4011890103135
51	120	25000	100	333049	PK06	4011890103142
76	24	20000	50	333050	PK06	4011890103159
76	36	20000	50	333051	PK06	4011890103166
76	40	20000	50	333052	PK06	4011890103173
76	50	20000	50	333053	PK06	4011890103180
76	60	20000	50	333054	PK06	4011890103197
76	80	20000	50	333055	PK06	4011890103203
76	100	20000	50	333056	PK06	4011890103210
76	120	20000	50	333057	PK06	4011890103227

coarse – very fine

VLS QUICK

PROLINE ●●○

Non-woven tool for the quick change system.
For fine grinding work.

- Uniform surface finish
- High proportion of grain binder for long lifetime
- Quick tool change without bonding or sliding

VLS QUICK

					Product category	EAN/pc. GTIN/pc.
51	coarse / 100	23000	50	305271	PK06	4011890081426
51	medium / 180	23000	50	305272	PK06	4011890081433
51	fine / 280	23000	50	305273	PK06	4011890081440
76	coarse / 100	18000	25	305274	PK06	4011890081457
76	medium / 180	18000	25	305275	PK06	4011890081464
76	fine / 280	18000	25	305276	PK06	4011890081471

VLS QUICK HD

					Product category	EAN/pc. GTIN/pc.
51	coarse / HD (K50)	23000	50	305277	PK06	4011890081488
51	medium / HD (K80)	23000	50	305278	PK06	4011890081495
76	coarse / HD (K50)	18000	25	305279	PK06	4011890081501
76	medium / HD (K80)	18000	25	305280	PK06	4011890081518

VKS QUICK

TOPLINE

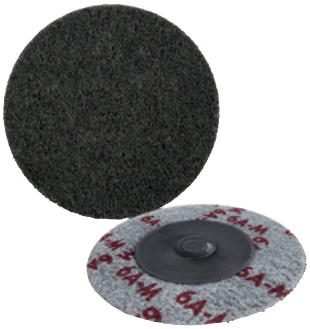
3sf – 6am

Unitised disc for use with the quick change system.
For burr removing, blending and finishing.

- Decorative surface finish
- Long lifetime
- Quick tool change without bonding or sliding

VKS QUICK

					Product category	EAN/pc. GTIN/pc.
51	3S-fine	22100	10	305287	PK06	4011890081525
51	6A-medium	22100	10	305288	PK06	4011890081532
76	3S-fine	15100	10	305289	PK06	4011890081549
76	6A-medium	15100	10	305290	PK06	4011890081556



RH QUICK

PROLINE

Backing pad for discs used with the quick change system.

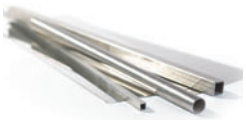
- Medium hardness

Select a diameter smaller in order to use SVS or VKS discs with end grinding.

RH QUICK

				Product category	EAN/pc. GTIN/pc.
25	40000	1	307031	PK06	4011890098790
51	25000	1	305424	PK06	4011890081389
76	20000	1	305425	PK06	4011890081396

ROLLS



Abrasive rolls that can be cut to individual lengths for manual grinding.

Material:
- High-strength/high-alloy steels
- Non-ferrous metals
- Paints and varnishes
- Plastics
- Wood

40-600

SPBR

PROLINE

Backing type: J-flex cloth, cotton, flexible and soft
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

Roll with plastic core to unroll as needed.

- Closed coated aluminium oxide for high material abrasion
- Flexible cotton fabric for optimal adaptation to the workpiece
- Simply cut to length by hand as needed

Shape RVVA OB

SPBR

				Product category	EAN/pc. GTIN/pc.
40 × 25.000	40	1	300536	PK06	4011890067116
40 × 25.000	60	1	300538	PK06	4011890067130
40 × 25.000	80	1	300539	PK06	4011890067147
40 × 25.000	100	1	300540	PK06	4011890067154
40 × 25.000	120	1	300541	PK06	4011890067161
40 × 25.000	150	1	300542	PK06	4011890067178
40 × 25.000	180	1	300543	PK06	4011890067185
40 × 25.000	220	1	300544	PK06	4011890067192
40 × 25.000	240	1	300545	PK06	4011890067208
40 × 25.000	320	1	300547	PK06	4011890067222
40 × 25.000	400	1	300549	PK06	4011890067246
40 × 25.000	600	1	305473	PK06	4011890097441

				Product category	EAN/pc. GTIN/pc.
50 × 25.000	40	1	300593	PK06	4011890067253
50 × 25.000	60	1	300595	PK06	4011890067260
50 × 25.000	80	1	300596	PK06	4011890067277
50 × 25.000	100	1	300597	PK06	4011890067284
50 × 25.000	120	1	300598	PK06	4011890067291
50 × 25.000	150	1	300599	PK06	4011890067307
50 × 25.000	180	1	300600	PK06	4011890067314
50 × 25.000	220	1	300601	PK06	4011890067321
50 × 25.000	240	1	300602	PK06	4011890067338
50 × 25.000	280	1	300603	PK06	4011890067345
50 × 25.000	320	1	300604	PK06	4011890067352
50 × 25.000	400	1	300605	PK06	4011890067376
40 × 50.000	40	1	300565	PK06	4011890023365
40 × 50.000	60	1	300566	PK06	4011890023372
40 × 50.000	80	1	300567	PK06	4011890023389
40 × 50.000	100	1	300568	PK06	4011890023396
40 × 50.000	120	1	300569	PK06	4011890023402
40 × 50.000	150	1	300570	PK06	4011890023419
40 × 50.000	180	1	300571	PK06	4011890023426
40 × 50.000	240	1	300573	PK06	4011890023440
40 × 50.000	320	1	300575	PK06	4011890023464
40 × 50.000	400	1	300576	PK06	4011890023471
50 × 50.000	40	1	300577	PK06	4011890023488
50 × 50.000	60	1	300578	PK06	4011890023495
50 × 50.000	80	1	300579	PK06	4011890023501
50 × 50.000	100	1	300580	PK06	4011890023518
50 × 50.000	120	1	300581	PK06	4011890023525
50 × 50.000	150	1	300582	PK06	4011890023532
50 × 50.000	180	1	300583	PK06	4011890023549
50 × 50.000	240	1	300585	PK06	4011890023563
50 × 50.000	320	1	300587	PK06	4011890023587
50 × 50.000	400	1	300588	PK06	4011890023594
100 × 50.000	40	1	300618	PK06	4011890023655
100 × 50.000	60	1	300619	PK06	4011890023662
100 × 50.000	80	1	300620	PK06	4011890023679
100 × 50.000	100	1	300621	PK06	4011890023686
100 × 50.000	120	1	300622	PK06	4011890023693

Shape RVA OB

KERR

PROLINE

40-240

Rolls with E-paper backing and closed aluminium oxide coating.

- Synthetic resin bonding for long lifetime
- Closed coated aluminium oxide for high material abrasion
- Good for wood finishing

Backing type: E-paper
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

KERR

				Product category	EAN/pc. GTIN/pc.
115 × 50.000	40	1	305461	PK06	4011890077030
115 × 50.000	60	1	305462	PK06	4011890077047
115 × 50.000	80	1	305463	PK06	4011890077054
115 × 50.000	100	1	305464	PK06	4011890077061
115 × 50.000	120	1	305465	PK06	4011890077078
115 × 50.000	150	1	305466	PK06	4011890077085
115 × 50.000	180	1	305467	PK06	4011890077092
115 × 50.000	240	1	305468	PK06	4011890077108

Shape RMA OA

40-320

KFPR

ALPHALINE ●○○

Backing type: A/C-paper
Grain type: Aluminium oxide
Bond: Hide glue
Coating type: Semi-open coated

Rolls with paper backing and semi-open aluminium oxide coating.

- Particularly suitable for paints and varnishes
- Hide glue bonding for material preserving grinding
- Good for wood finishing

Shape RMA OA

KFPR

				Product category	EAN/pc. GTIN/pc.
115 × 50.000	40	1	304029	PK06	4011890067604
115 × 50.000	60	1	304030	PK06	4011890067611
115 × 50.000	80	1	304031	PK06	4011890067628
115 × 50.000	100	1	304032	PK06	4011890067635
115 × 50.000	120	1	304033	PK06	4011890067642
115 × 50.000	150	1	304034	PK06	4011890067659
115 × 50.000	240	1	304037	PK06	4011890067680
115 × 50.000	320	1	304039	PK06	4011890067703

60-180

SLPR

PROLINE ●●○

Backing type: D-paper
Grain type: Aluminium oxide, wave structure for dust removal
Bond: Hide glue

Rolls with special wave structure for optimum chip removal.

- Wave structure for chip removal
- Tear-resistant D-paper for a long lifetime

Shape RMA OA

SLPR

				Product category	EAN/pc. GTIN/pc.
95 × 25.000	60	1	305240	PK06	4011890077139
95 × 25.000	80	1	305241	PK06	4011890077146
95 × 25.000	100	1	305242	PK06	4011890077153
95 × 25.000	120	1	305243	PK06	4011890077160
95 × 25.000	180	1	305245	PK06	4011890077184
115 × 25.000	60	1	305248	PK06	4011890077214
115 × 25.000	80	1	305249	PK06	4011890077221
115 × 25.000	100	1	305250	PK06	4011890077238
115 × 25.000	120	1	305251	PK06	4011890077245
115 × 25.000	180	1	305253	PK06	4011890077269

Material:
- High-strength/high-alloy steels
- Non-ferrous metals
- Paints and varnishes
- Plastics
- Wood

Ready-to-use abrasive sheets for manual grinding.

KKBR

PROLINE

60-400

Abrasive paper with especially flexible cloth backing.

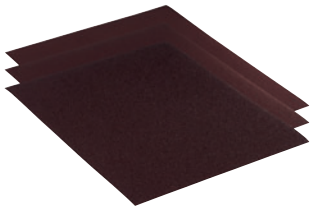
- Closed coated aluminium oxide for high material abrasion
- Synthetic resin bonding for long lifetime

Backing type: J-flex cloth, cotton, flexible and soft
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

KKBR

				Product category	EAN/pc. GTIN/pc.
230 × 280	60	50	300885	PK06	4011890025055
230 × 280	80	50	300886	PK06	4011890025062
230 × 280	100	50	300887	PK06	4011890025079
230 × 280	120	50	300888	PK06	4011890025086
230 × 280	180	50	300890	PK06	4011890025109
230 × 280	240	50	300892	PK06	4011890025123
230 × 280	320	50	300894	PK06	4011890025147
230 × 280	400	50	300896	PK06	4011890025161

Shape BA 00



60 - 2000

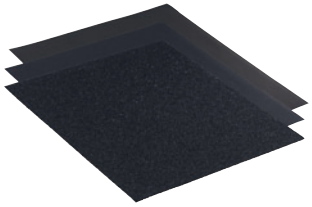
WSP

PROLINE ●●○

Backing type: A/C-paper
Grain type: Silicon carbide
Bond: Synthetic resin

Waterproof abrasive paper with silicon carbide on a paper backing.

- Closed coated silicon carbide for high material abrasion
- Fine grinding grit 2000
- Flexible paper underlay for optimal workpiece adaptation



Shape BA 00

WSP

				Product category	EAN/pc. GTIN/pc.
230 × 280	60	50	301003	PK06	4011890026113
230 × 280	80	50	301004	PK06	4011890026120
230 × 280	100	50	301005	PK06	4011890026137
230 × 280	120	50	301006	PK06	4011890026144
230 × 280	150	50	301007	PK06	4011890026151
230 × 280	180	50	301008	PK06	4011890026168
230 × 280	220	50	301009	PK06	4011890026175
230 × 280	240	50	301010	PK06	4011890026182
230 × 280	280	50	301011	PK06	4011890026199
230 × 280	320	50	301012	PK06	4011890026205
230 × 280	360	50	301013	PK06	4011890026212
230 × 280	400	50	301014	PK06	4011890026229
230 × 280	500	50	301015	PK06	4011890026236
230 × 280	600	50	301016	PK06	4011890026243
230 × 280	800	50	301017	PK06	4011890026250
230 × 280	1000	50	301018	PK06	4011890026267
230 × 280	1200	50	301019	PK06	4011890026274
230 × 280	1500	50	305989	PK06	4011890097380
230 × 280	2000	50	305990	PK06	4011890097397

40 - 400

KFPB

ALPHALINE ●○○

Backing type: A/C-paper
Grain type: Aluminium oxide
Bond: Hide glue
Coating type: Semi-open coated

Abrasive paper with a paper backing and semi-open aluminium oxide coating.

- Particularly suitable for paints and varnishes
- Hide glue bonding for material preserving grinding
- Good for wood finishing

Shape BA 00

KFPB

				Product category	EAN/pc. GTIN/pc.
230 × 280	40	50	304051	PK06	4011890081747
230 × 280	60	50	304052	PK06	4011890081754
230 × 280	80	50	304053	PK06	4011890081761
230 × 280	100	50	304054	PK06	4011890081778
230 × 280	120	50	304055	PK06	4011890081785
230 × 280	150	50	304056	PK06	4011890081792
230 × 280	180	50	304057	PK06	4011890081808
230 × 280	400	50	305474	PK06	4011890077115
230 × 280	240	50	304059	PK06	4011890081822
230 × 280	280	50	304060	PK06	4011890081839
230 × 280	320	50	304061	PK06	4011890081846
230 × 280	220	50	304058	PK06	4011890081815

SLPB

PROLINE ●●○

60 – 180

Abrasive paper with special wave structure for optimum chip removal.

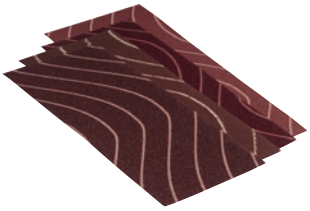
- Wave structure for chip removal
- Tear-resistant D-paper for long lifetime
- Hide glue bonding for material preserving grinding

Backing type: D-paper
Grain type: Aluminium oxide, wave structure for dust removal
Bond: Hide glue
Coating type: Special coating

SLPB

				Product category	EAN/pc. GTIN/pc.
95 × 230	60	50	305256	PK06	4011890077290
95 × 230	80	50	305257	PK06	4011890077306
95 × 230	100	50	305258	PK06	4011890077313
95 × 230	120	50	305259	PK06	4011890077320
95 × 230	180	50	305261	PK06	4011890077344
115 × 280	60	50	305264	PK06	4011890077375
115 × 280	80	50	305265	PK06	4011890077382
115 × 280	100	50	305266	PK06	4011890077399
115 × 280	120	50	305267	PK06	4011890077405
115 × 280	180	50	305269	PK06	4011890077429

Shape BA 00



SELF FASTENING DISCS

Self-adhesive grinding discs made from abrasive cloth and non-woven with a Velcro backing. Self-fastening discs are available with and without dust openings for the most common machine types.

Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- High-strength sheet metal
- Non-ferrous metals
- Painted sheet metal
- Wood

80 - 1000

KSN V

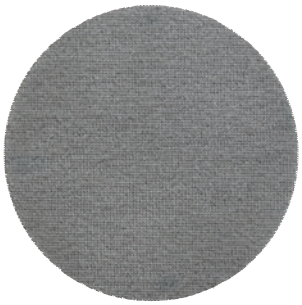
TOPLINE

Backing type: Net fabric
Grain type: Aluminium oxide
Bond: All-synthetic resin
Coating type: Electrostatic

Highly tear-resistant self-fastening disc with stable mesh pad for working on paints, varnishes and fillers.

- Optimum dust extraction results in a much longer lifetime
- High tear strength and minimal clogging leads to improved stock removal
- Open mesh structure means no dependence on hole system

Optimum extraction with RH55 V.



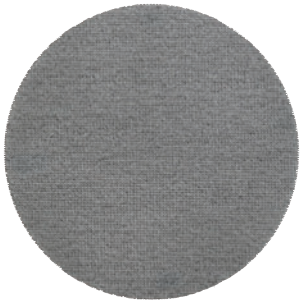
Shape CK 00

KSN V

				Product category	EAN/pc. GTIN/pc.
125	80	50	333070	PK06	4011890103357
125	120	50	333072	PK06	4011890103371
125	150	50	333073	PK06	4011890103388
125	180	50	333074	PK06	4011890103395
125	240	50	333075	PK06	4011890103401
125	320	50	333076	PK06	4011890103418
125	400	50	333077	PK06	4011890103425
125	500	50	333078	PK06	4011890103432
125	600	50	333079	PK06	4011890103449
125	800	50	333080	PK06	4011890103456
150	80	50	333058	PK06	4011890103234

				Product category	EAN/pc. GTIN/pc.
150	120	50	333060	PK06	4011890103258
150	150	50	333061	PK06	4011890103265
150	180	50	333062	PK06	4011890103272
150	240	50	333063	PK06	4011890103289
150	320	50	333064	PK06	4011890103296
150	400	50	333065	PK06	4011890103302
150	500	50	333066	PK06	4011890103319
150	600	50	333067	PK06	4011890103326
150	800	50	333068	PK06	4011890103333

Shape CK 00



KSF15 V

TOPLINE

80 - 2500

Tear-resistant self fastening disc with 15-hole design for processing of paints, lacquer and fillers.

- Open coated, special stearate coating avoids clogging (from 180 grit)
- Ideal for use together with the RH15 V backing pad
- Highly tear-resistant plastic foil for long lifetime

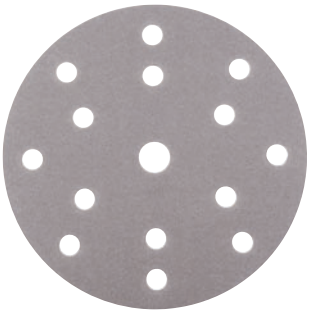
Backing type: Highly tear-resistant plastic foil
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Open coated

For matching backing pads, see page 191

KSF15 V

				Product category	EAN/pc. GTIN/pc.
150	80	50	304350	PK06	4011890094228
150	120	50	304351	PK06	4011890094235
150	150	50	304352	PK06	4011890094242
150	180	50	304353	PK06	4011890094259
150	240	50	304354	PK06	4011890094266
150	320	50	304355	PK06	4011890094273
150	360	50	304356	PK06	4011890094280
150	400	50	304357	PK06	4011890094297
150	500	50	304358	PK06	4011890094303
150	600	50	304359	PK06	4011890094310
150	800	50	304360	PK06	4011890094327
150	1000	50	304361	PK06	4011890094334
150	1200	50	304362	PK06	4011890094341
150	1500	50	304363	PK06	4011890094358
150	2000	50	304364	PK06	4011890094365
150	2500	50	304365	PK06	4011890094372

Shape CK 861



40 - 1200

SKP15 FLEX V

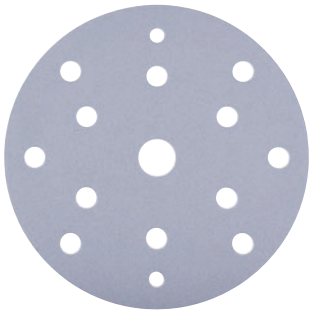
PROLINE ●●○

Backing type: C-paper, latex reinforced
Grain type: Aluminium oxide
Bond: All-synthetic resin/stearate
Coating type: Open coated

Self-fastening disc suitable for wet and dry sanding. Universal disc for e-coating primers, flat sanding and sanding down fillers.

- Latex paper backing
- Open coated, with special stearate coating
- Flexible for optimum adjustment to the workpiece

For matching backing pads, see page 191



Shape CK 861

SKP15 FLEX V

				Product category	EAN/pc. GTIN/pc.
150	80	50	333376	PK06	4011890106419
150	100	50	333377	PK06	4011890106426
150	120	50	333378	PK06	4011890106433
150	150	50	333379	PK06	4011890106440
150	180	50	333380	PK06	4011890106457
150	240	50	333381	PK06	4011890106464
150	320	50	333382	PK06	4011890106471
150	400	50	333383	PK06	4011890106488
150	500	50	333384	PK06	4011890106495
150	600	50	333385	PK06	4011890106501
150	800	50	333386	PK06	4011890106518

40 - 800

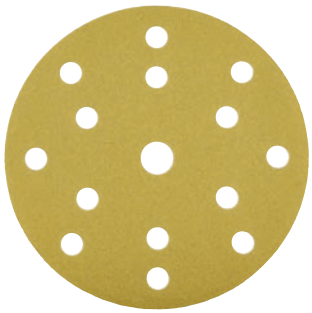
SKP 15 V

ALPHALINE ●○○

Backing type: C-paper
Grain type: Aluminium oxide
Bond: Synthetic resin / stearate
Coating type: Open coated

Self-fastening disc suitable for dry sanding of paints, varnishes and fillers.

- Paper backing
- Open coated, with special stearate coating
- Ideal for dry sanding of body filler or paint removal



Shape CK 81Y

SKP 15 V

				Product category	EAN/pc. GTIN/pc.
150	40	48	333208	PK06	4011890104736
150	60	48	333209	PK06	4011890104743
150	80	50	333210	PK06	4011890104750
150	100	50	333211	PK06	4011890104767
150	120	50	333212	PK06	4011890104774
150	150	50	333213	PK06	4011890104781
150	180	50	333214	PK06	4011890104798
150	240	50	333215	PK06	4011890104804
150	320	50	333216	PK06	4011890104811
150	400	50	333217	PK06	4011890104828
150	500	50	333218	PK06	4011890104835
150	600	50	333219	PK06	4011890104842
150	800	50	333220	PK06	4011890104859

SKP15 WHITE V

PROLINE ●●○

40-400

Self fastening disc with 15-hole design for processing of paints, lacquer and fillers.

- Paper backing
- Open coated, with special stearate coating
- Optimal when combined with RH15 V

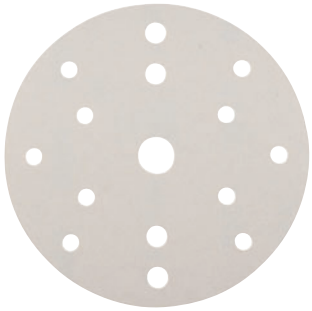
Backing type:	C-paper
Grain type:	Aluminium oxide
Bond:	Synthetic resin / stearate
Coating type:	Open coated

For matching backing pads, see page 191

SKP15 WHITE V

				Product category	EAN/pc. GTIN/pc.
150	320	50	305983	PK06	4011890096888
150	240	50	305982	PK06	4011890096871
150	150	50	305981	PK06	4011890096864
150	120	50	305980	PK06	4011890096857
150	400	50	305984	PK06	4011890096895
150	100	50	305979	PK06	4011890096840
150	80	50	305978	PK06	4011890096833
150	60	50	305977	PK06	4011890096826
150	40	50	305976	PK06	4011890096819

Shape CK 861



RH15 V

TOPLINE ●●●

High-quality backing pad with microcellular polyurethane foam.
Cyclone technology for outstanding long-term dust extraction.

- High-grade backing pad for self fastening discs
- For KSF15 V
- 2 different hardnesses and interfaces for grinding rounded contours

The system fits all machines with a 5/16" or M8 adapter

RH15 V

				Product category	EAN/pc. GTIN/pc.
150	hard	1	307060	PK06	4011890099551
150	medium	1	307059	PK06	4011890099544
150	interface	2	307061	PK06	4011890099568

Backing pad

40-120

ZSKP V

TOPLINE ●●●

Backing type: F-paper
Grain type: Zirconium
Bond: Synthetic resin
Coating type: Closed coating

Self-fastening disc suitable for removing rust and paints. An ideal product for stock removal and burr removing – welding preparation, defect correction, structuring and finishing.

- Heavy F-paper backing with No-Tear technology
- Closed coated with synthetic resin bond for stability
- Fast, robust stock removal with long lifetime

See page 194 for matching backing pads

Shape CK 00

ZSKP V

				Product category	EAN/pc. GTIN/pc.
125	40	48	333489	PK06	4011890107546
125	60	48	333490	PK06	4011890107553
125	80	48	333491	PK06	4011890107560
125	100	48	333492	PK06	4011890107577
125	120	48	333493	PK06	4011890107584
150	40	48	333484	PK06	4011890107492
150	60	48	333485	PK06	4011890107508
150	80	48	333486	PK06	4011890107515
150	100	48	333487	PK06	4011890107522
150	120	48	333488	PK06	4011890107539

40-240

KERR V F/B

PROLINE ●●○

Backing type: E-paper
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

Self fastening disc without hole system.

- Closed coated aluminium oxide for high material abrasion
- Synthetic resin bonding for long lifetime

Shape CK 00

KERR V

				Product category	EAN/pc. GTIN/pc.
115	40	50	304133	PK06	4011890068724
115	60	50	304134	PK06	4011890068731
115	80	50	304135	PK06	4011890068748
115	120	50	304137	PK06	4011890068762
125	40	50	304138	PK06	4011890068779
125	60	50	304139	PK06	4011890068786
125	80	50	304140	PK06	4011890068793
125	120	50	304142	PK06	4011890068816
150	40	50	304143	PK06	4011890068823
150	60	50	304144	PK06	4011890068830
150	80	50	304145	PK06	4011890068847
150	120	50	304147	PK06	4011890068861

KERR V F

				Product category	EAN/pc. GTIN/pc.
125	40	50	305606	PK06	4011890086315
125	60	50	305607	PK06	4011890086322
125	80	50	305608	PK06	4011890086339
125	120	50	305609	PK06	4011890086346
125	150	50	305610	PK06	4011890086353
125	180	50	305611	PK06	4011890086360
125	240	50	305612	PK06	4011890086377
150	40	50	305613	PK06	4011890086384
150	60	50	305614	PK06	4011890086391
150	80	50	305615	PK06	4011890086407
150	120	50	305616	PK06	4011890086414
150	150	50	305617	PK06	4011890086421
150	180	50	305618	PK06	4011890086438
150	240	50	305619	PK06	4011890086445

Shape CK 81

KERR V B

				Product category	EAN/pc. GTIN/pc.
125	40	50	305627	PK06	4011890086520
125	60	50	305628	PK06	4011890086537
125	80	50	305629	PK06	4011890086544
125	120	50	305630	PK06	4011890086551
125	150	50	305631	PK06	4011890086568
125	180	50	305632	PK06	4011890086575
125	240	50	305633	PK06	4011890086582
150	40	50	305634	PK06	4011890086599
150	60	50	305635	PK06	4011890086605
150	80	50	305636	PK06	4011890086612
150	120	50	305637	PK06	4011890086629
150	150	50	305638	PK06	4011890086636
150	180	50	305639	PK06	4011890086643
150	240	50	305640	PK06	4011890086650

Shape CK 80

VLS V

PROLINE

coarse – very fine

Non-woven self fastening disc for a good surface finish.

- Optimal grip on matching backing pad RH V through high-grade self fastening non-woven
- Open structure for less clogging
- Uniform surface finish

Reduce the revolutions to achieve good working results and a long lifetime (30 – 40 m/s)

VLS V

					Product category	EAN/pc. GTIN/pc.
115	coarse	13285	10	305281	PK06	4011890081563
115	medium	13285	10	305282	PK06	4011890081570
115	very fine	13285	10	305283	PK06	4011890081587
125	coarse	12200	10	305284	PK06	4011890081594
125	medium	12200	10	305285	PK06	4011890081600
125	very fine	12200	10	305286	PK06	4011890081617

Shape CK 00

RH V

ALPHALINE ●○○

High-quality backing pad for self fastening discs.

- Medium hardness
- For VLS V and KERR V

Backing pad

RH V

				Product category	EAN/pc. GTIN/pc.
115 × M14	13285	1	305426	PK06	4011890081624
125 × M14	12200	1	305427	PK06	4011890081631
150 × M14	10185	1	305428	PK06	4011890081648

RHST V

TOPLINE ●●●

High-quality backing pad for self-fastening discs and polishing tools.

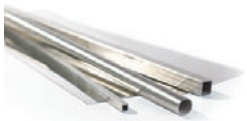
- 3 separate hardness grades for grinding and polishing
- For all paper self-fastening discs without holes

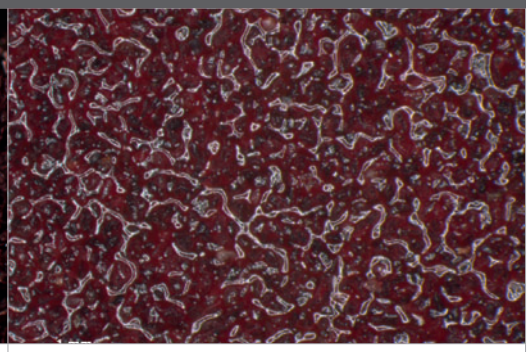
Backing pad

RHST V

					Product category	EAN/pc. GTIN/pc.
75 × M14	medium	15000	1	333645	PK06	4011890109106
75 × M14	soft	10000	1	333647	PK06	4011890109120
115 × M14	hard	13000	1	333641	PK06	4011890109069
125 × M14	hard	12000	1	333642	PK06	4011890109076
150 × M14	hard	10000	1	333643	PK06	4011890109083
150 × M14	medium	8500	1	333644	PK06	4011890109090
150 × M14	soft	5700	1	333646	PK06	4011890109113

FLEECE





Grit of non-woven abrasive	Comparable grit (FEPA)
Coarse	80 - 120
Medium	150 - 220
Fine	240 - 360
Very fine	400 - 600
Ultra fine	800 - 1.000

Material:

- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals
- Painted sheet metal

The fine and flexible non-woven fibres ensure a good surface finish.

VLSR

PROLINE

medium – ultra fine

Abrasive non-woven roll with fine, flexible fibres for a good surface finish.

- Flexible for optimum adjustment to the workpiece
- Uniform surface finish

VLSR

				Product category	EAN/pc. GTIN/pc.
100 × 10,000	medium	1	305654	PK06	4011890086797
100 × 10,000	fine	1	305655	PK06	4011890086803
100 × 10,000	very fine	1	305656	PK06	4011890086810
100 × 10,000	ultra-fine	1	305657	PK06	4011890086827
115 × 10,000	medium	1	305362	PK06	4011890081693
115 × 10,000	fine	1	305363	PK06	4011890081709
115 × 10,000	very fine	1	305364	PK06	4011890081716
115 × 10,000	ultra-fine	1	305365	PK06	4011890081723

Shape RMA OA

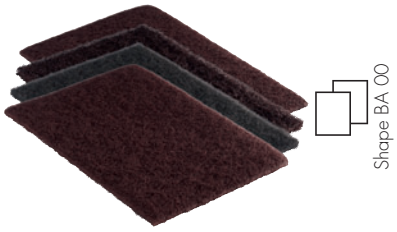
medium – ultra fine

VLS PAD

PROLINE ●●○

Abrasive non-woven sheets with fine, flexible fibres for a good surface finish.

- Flexible for optimum adjustment to the workpiece
- Uniform surface finish



VLS PAD

				Product category	EAN/pc. GTIN/pc.
152 × 229	medium	10	305366	PK06	4011890081655
152 × 229	fine	10	305367	PK06	4011890081662
152 × 229	very fine	10	305368	PK06	4011890081679
152 × 229	ultra-fine	10	305369	PK06	4011890081686

UNITISED DISCS

Degree of hardness	3 / 4 (medium)	6 / 7 (hard)
Fields of application	• Creation of decorative surfaces • Surface-levelling • Preparation for polishing or coating • Removal of surface defects	• Creation of decorative surfaces • Surface-levelling • Preparation for polishing or coating • Removal of surface defects

Material:
- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals
- Painted sheet metal

Consisting of multi-layer, heavily compressed non-woven material. Compact pressure ensures good stock removal performance and a long lifetime.

The material has a high inherent strength and can be profiled. For optimal results, use adjustable angle polishers with reduced revolutions.

VKS KN

TOPLINE ●●●

medium – fine

Unitised disc for processing cramped areas and fillet welds.
Degree of hardness: 3/4 medium; 6/7 hard.

- Optimal in fillet welds
- Decorative surface finish
- Long lifetime

Optimum revolutions: 3,600–4,000 rpm

VKS KN

					Product category	EAN/pc. GTIN/pc.
115 × 3.2 × 22.23	6A-medium	11000	10	305943	PK07	4011890093702
115 × 3.2 × 22.23	3S-fine	11000	10	305944	PK07	4011890093726
115 × 6.4 × 22.23	6A-medium	11000	10	305945	PK07	4011890093740
115 × 6.4 × 22.23	3S-fine	11000	10	305946	PK07	4011890093764
125 × 3.2 × 22.23	6A-medium	9800	10	305947	PK07	4011890093788
125 × 3.2 × 22.23	3S-fine	9800	10	305948	PK07	4011890093801
125 × 6.4 × 22.23	6A-medium	9800	10	305949	PK07	4011890093825
125 × 6.4 × 22.23	3S-fine	9800	10	305950	PK07	4011890093849
150 × 3.2 × 25.40	6A-medium	7500	10	305972	PK07	4011890096772
150 × 3.2 × 25.40	3S-fine	5000	10	305973	PK07	4011890096789
150 × 6.4 × 25.40	6A-medium	7500	10	305974	PK07	4011890096796
150 × 6.4 × 25.40	3S-fine	5000	10	305975	PK07	4011890096802

Shape 1

coarse – very fine

VKSG WS

TOPLINE ●●●

Unitised disc, for use with angle grinders.
Degree of hardness: medium.

- Straight or angled design
- Decorative surface finish
- Ling lifetime

Optimum revolutions: 3,600–4,000 rpm

VKSG WS

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	4A-coarse	110000	5	305297	PK07	4011890080139
115 × 22.23	4S-medium	110000	5	305298	PK07	4011890080146
115 × 22.23	4S-very fine	110000	5	305299	PK07	4011890080153
115 × 22.23	6S-very fine	110000	5	305300	PK07	4011890080160
125 × 22.23	4A-coarse	9800	5	305301	PK07	4011890080177
125 × 22.23	4S-medium	9800	5	305302	PK07	4011890080184
125 × 22.23	4S-very fine	9800	5	305303	PK07	4011890080191
125 × 22.23	6S-very fine	9800	5	305304	PK07	4011890080207

VKSS WS

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	4A-coarse	110000	5	305305	PK07	4011890080214
115 × 22.23	4S-medium	110000	5	305306	PK07	4011890080221
115 × 22.23	4S-very fine	110000	5	305307	PK07	4011890080238
125 × 22.23	4A-coarse	9800	5	305309	PK07	4011890080252
125 × 22.23	4S-medium	9800	5	305310	PK07	4011890080269
125 × 22.23	4S-very fine	9800	5	305311	PK07	4011890080276

medium – very fine

VKS GS

TOPLINE ●●●

Unitised disc with a 6 mm shank.
Degree of hardness: medium.

- Optimal for hard to reach locations
- Decorative surface finish
- Long lifetime

VKS GS

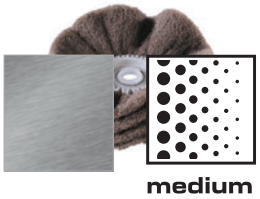
					Product category	EAN/pc. GTIN/pc.
40 × 12.0 × 6.00	4S-medium	9000	10	305291	PK07	4011890079720
40 × 12.0 × 6.00	4S-very fine	9000	10	305292	PK07	4011890079737
50 × 12.0 × 6.00	4S-medium	8000	10	305293	PK07	4011890079744
50 × 12.0 × 6.00	4S-very fine	8000	10	305294	PK07	4011890079751
75 × 12.0 × 6.00	4S-medium	6000	10	305295	PK07	4011890079768
75 × 12.0 × 6.00	4S-very fine	6000	10	305296	PK07	4011890079775

SATIN FINISHING AND POLISHING

SATIN FINISH RINGS

Top-quality satin finish rings from RHODIUS consist of a non-woven nylon material with abrasive grain in three different grains. A perfect mirror finish and beautiful satin-finished surfaces require patience, experience and the right tool.

SAT coarse
Aluminium oxide, coarse



SAT medium
Aluminium oxide, medium

SAT fine
Silicon carbide, fine

Applications:

- Lacquer removal
- Matt finishing
- Surface processing
- De-scaling
- Deoxidising

POLISHING RINGS

For optimum working results, we recommend polishing in three steps.
The recommended tools for grinding work before polishing can be found from page 132 onwards.
Compatible polishing pastes can be found on page 203.

Advantages:

- Top-quality randomly oriented fibres
- No obtrusive seams
- Low temperature development
- Homogeneous wear
- 30% reduction in paste consumption compared to standard cloth rings

Pre-polishing
POL 'Sisal cloth'

Work step following grinding.
High material abrasion.

Polishing
POL 'Hard non-woven'

Used to achieve a uniform surface quality.

High-gloss polishing
POL 'Soft non-woven'

Short processing time and less contact pressure required for high-gloss finish.

The mandrel

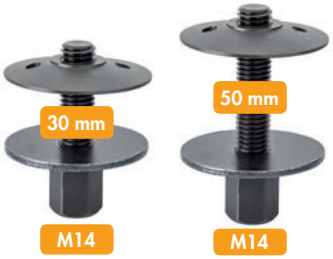
Drill

10 × 30 × 6,0 mm

Up to 3 polishing or satin finish rings with a ring diameter of 10 mm – for drills

Angle grinder

Up to 3 or 5 polishing rings with a ring diameter of 14 mm – for angle grinders



FELT POLISHING FLAP DISCS

(D) Width of flaps	
D2	2 mm
D3	3 mm
D5	5 mm

(H) Felt hardness	
H25	soft, high-gloss polishing
H40	hard, prepolishing

Felt polishing flap disc for the finishing of surfaces to a mirror finish. Use the felt polishing flap disc with the corresponding polishing pastes for pre-polishing and high-gloss polishing.

Use a new felt polishing flap disc for each paste as well as adjustable angle polishers with greatly reduced revolutions.

Material:

- Rust and acid-proofed steels
- High-strength/high-alloy steels
- Hardened steels
- High-strength sheet metal
- Non-ferrous metals
- Painted sheet metal

D5/ H25 - H40

FLS

TOPLINE

Use the felt polishing flap disc with the corresponding polishing paste for pre-polishing and high-gloss polishing.

- For use on angle polishers
- Processing of surfaces up to mirror finish
- High-grade wool felt

FLS

					Product category	EAN/pc. GTIN/pc.
115 × 22.23	D5/H25	8500	5	305370	PK07	4011890080290
115 × 22.23	D5/H40	8500	5	305371	PK07	4011890080306
125 × 22.23	D5/H25	7700	5	305372	PK07	4011890080313
125 × 22.23	D5/H40	7700	5	305373	PK07	4011890080320

FLP

TOPLINE

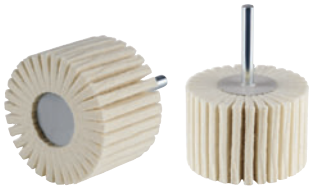
D2 – D5 / H25 – H40

Use the felt polishing flap disc with the corresponding polishing paste for pre-polishing and high-gloss polishing.

- With 6 mm support
- High-grade wool felt
- FLPB with slotted flaps for optimal workpiece adaptation

FLP

					Product category	EAN/pc. GTIN/pc.
40 × 30.0 × 6.00	D2/H25	9000	10	305379	PK07	4011890079782
40 × 30.0 × 6.00	D2/H40	9000	10	305380	PK07	4011890079799
40 × 30.0 × 6.00	D3/H25	9000	10	305381	PK07	4011890079805
40 × 30.0 × 6.00	D3/H40	9000	10	305382	PK07	4011890079812
60 × 40.0 × 6.00	D3/H25	7000	10	305383	PK07	4011890079829
60 × 40.0 × 6.00	D3/H40	7000	10	305384	PK07	4011890079836
80 × 50.0 × 6.00	D3/H25	6000	10	305385	PK07	4011890079843
80 × 50.0 × 6.00	D3/H40	6000	10	305386	PK07	4011890079850
80 × 50.0 × 6.00	D5/H25	6000	10	305387	PK07	4011890079867
80 × 50.0 × 6.00	D5/H40	6000	10	305388	PK07	4011890079874



FLPB

					Product category	EAN/pc. GTIN/pc.
40 × 30.0 × 6.00	D2/H25	9000	10	305389	PK07	4011890079881
40 × 30.0 × 6.00	D2/H40	9000	10	305390	PK07	4011890079898
60 × 40.0 × 6.00	D2/H25	7000	10	305391	PK07	4011890079904
60 × 40.0 × 6.00	D2/H40	7000	10	305392	PK07	4011890079911
80 × 50.0 × 6.00	D3/H25	6000	10	305393	PK07	4011890079928
80 × 50.0 × 6.00	D3/H40	6000	10	305394	PK07	4011890079935

FPK

TOPLINE

medium

Use the felt polishing body with the corresponding polishing paste for pre-polishing and high-gloss polishing.

- With 3 or 6 mm support
- For especially tight places
- High-grade wool felt

FPK

					Product category	EAN/pc. GTIN/pc.
6 × 10.0 × 3.0	medium	32000	10	305374	PK07	4011890079942
8 × 10.0 × 3.0	medium	24000	10	305375	PK07	4011890079959
10 × 14.0 × 6.0	medium	20000	10	305376	PK07	4011890079966
15 × 20.0 × 6.0	medium	12000	10	305377	PK07	4011890079973
20 × 25.0 × 6.0	medium	10000	10	305378	PK07	4011890079980

coarse
medium/
fine/

SAT

TOPLINE ●●●

Satin finish rings for use with the matching ESD drive arbour.

- Uniform surface finish
- Open structure prevents clogging
- Available also as set each with a satin finish ring and a mandrel

SAT

					Product category	EAN/pc. GTIN/pc.
100 × 10.0	coarse	4000	1	353069	PK07	4011890073551
100 × 10.0	medium	4000	1	353070	PK07	4011890073568
100 × 10.0	fine	4000	1	353071	PK07	4011890073575
100 × 10.0	Set	4000	1	353073	PK07	4011890073599

POL

TOPLINE ●●●

Polishing rings for use with the matching ESD drive arbour.

- High-grade cloth
- For use on angle grinders or drills
- Available also as set each with a polishing ring, mandrel and 3 polishing pastes.

POL

					Product category	EAN/pc. GTIN/pc.
100 × 10.0	sisal	4000	1	353062	PK07	4011890073483
100 × 10.0	hard	4000	2	353063	PK07	4011890073490
100 × 10.0	soft	4000	2	353064	PK07	4011890073506
100 × 10.0	set	4000	1	353072	PK07	4011890073582
150 × 14.0	sisal	3000	1	353107	PK07	4011890075067
150 × 14.0	hard	3000	2	353108	PK07	4011890075074
150 × 14.0	soft	3000	2	353109	PK07	4011890075081
200 × 14.0	sisal	3000	1	353110	PK07	4011890075098
200 × 14.0	hard	3000	2	353111	PK07	4011890075104
200 × 14.0	soft	3000	2	353112	PK07	4011890075111

ESD

TOPLINE ●●●

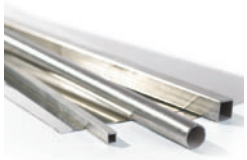
Drive arbour for satin finish or polishing rings.

- With 6 mm shank or M14 thread
- With space for up to 3 cloth rings

ESD

				Product category	EAN/pc. GTIN/pc.
10 × 30 × 6.00	4000	1	353065	PK07	4011890073513
14 × 30 × M14	11000	1	353113	PK07	4011890075128
14 × 50 × M14	11000	1	353114	PK07	4011890075135

POLISHING PASTE



Material:
- Rust and acid-proofed steels
- Steel
- Non-ferrous metals
- Painted sheet metal

Rhodius polishing pastes are perfectly matched to our felt products and cloth rings. The polishing pastes contain a powerful abrasive grain

PASTE

TOPLINE

Polishing paste for finishing surfaces up to a mirror finish.
For matching discs, see page 200.

- White: Pre-polishing for stainless steel and steel
- Brown: Pre-polishing for non-ferrous metals
- Blue: High-gloss polishing work on all materials

A variety of pastes are required, according to the material and processing step

PASTE

Reference			Product category	EAN/pc. GTIN/pc.
Polishing paste, white	1	353066	PK07	4011890073520
Polishing paste, blue	1	353067	PK07	4011890073537
Polishing paste, brown	1	353068	PK07	4011890073544

TEGERA

MILLING

CONTENTS

CARBIDE BURRS 207

TUNGSTEN CARBIDE BURRS

PIN-POINT PRECISION

Precision and stock removal are the most important performance criteria for tungsten carbide burrs. For this reason, Rhodius tungsten carbide burrs are machined on state-of-the-art CNC machines. The outstanding accuracy of these machines guarantees the consistently high quality of the tools. Our tungsten carbide burrs are distinguished by high concentricity and optimally coordinated cutting geometry, type of cut and number of cuts. For work results accurate to the dot.

Pin-point precision

As a rule of thumb, the following applies: the cut of the tungsten carbide burr should become finer as the working material grows harder.

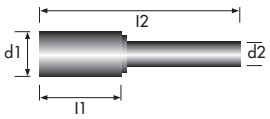
	Cut	Type of cut	Recommended application	Recommended working speed [m/min]	
TOP LINE ●●●	Z6	Double cut	For maximum material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450–600
				Alloy steels/tool steels	250–350
				Rust- and acid-proofed steels	250–350
				Cast iron	450–600
TOP LINE ●●●	Z3	Single cut	For good surface treatment quality on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450–600
				Alloy steels, tool steels	250–350
				Rust- and acid-proofed steels	250–350
				Cast iron	450–600
TOP LINE ●●●	Z ALU	Aluminium cut	For high material abrasion on aluminium and soft aluminium alloys, light alloys, non-ferrous metals and plastics	Non-ferrous metals	700–900
ALPHA LINE ●○○	Z7	Double cut	For high material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450–600
				Alloy steels/tool steels	250–350
				Rust- and acid-proofed steels	250–350
				Cast iron	450–600

The right revolutions

To achieve optimum working results and a long lifetime, the choice of the right speed is also a crucially important decision. If too low, the machine will run unevenly and cause chipping. As a result, the carbide burr will also wear down more quickly. Knocking and rattling will also significantly reduce a burr's lifetime. Ensure you always use chucks that keep the machine running true.

Carbide burr Ø (mm)	Recommended cutting speed					
	250	350	450	600	700	900
	Revolutions [min-1]					
3	27,000	37,000	48,000	64,000	74,000	95,000
4	20,000	28,000	36,000	48,000	56,000	72,000
6	13,000	19,000	24,000	32,000	37,000	48,000
8	10,000	14,000	18,000	24,000	28,000	36,000
10	8,000	11,000	14,000	19,000	22,000	29,000
12	7,000	9,000	12,000	16,000	19,000	24,000
16	5,000	7,000	9,000	12,000	14,000	18,000

DIMENSIONS (EXAMPLE)					
Rhodius name	Rhodius article no.	d1	l1	d2	l2
HF A	305000	3.0 × 14.0 × 3.0 × 38.0			



HF A

TOPLINE ●●●

ZYA

Carbide burr, shape A (ZYA): cylinder without end cut.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF A

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305000	PK09	4011890077443
3 × 14.0 × 3.0 × 38	Z 3	1	305658	PK09	4011890086834
6.3 × 12.7 × 3.0 × 45	Z 6	1	305001	PK09	4011890077450
6.3 × 12.7 × 3.0 × 45	Z 3	1	305659	PK09	4011890086841
6 × 18.0 × 6.0 × 50	Z 7	1	305002	PK09	4011890077467
6 × 18.0 × 6.0 × 50	Z 6	1	305003	PK09	4011890077474
6 × 18.0 × 6.0 × 50	Z 3	1	305660	PK09	4011890086858
8 × 19.0 × 6.0 × 64	Z 6	1	305004	PK09	4011890077481
8 × 19.0 × 6.0 × 64	Z 3	1	305661	PK09	4011890086865
9.6 × 19.0 × 6.0 × 64	Z 7	1	305005	PK09	4011890077498
9.6 × 19.0 × 6.0 × 64	Z 6	1	305006	PK09	4011890077504
9.6 × 19.0 × 6.0 × 64	Z 3	1	305662	PK09	4011890086872
12.7 × 25.0 × 6.0 × 70	Z 7	1	305007	PK09	4011890077511
12.7 × 25.0 × 6.0 × 70	Z 6	1	305008	PK09	4011890077528
12.7 × 25.0 × 6.0 × 70	Z 3	1	305663	PK09	4011890086889
16 × 25.0 × 6.0 × 70	Z 6	1	305009	PK09	4011890077535
16 × 25.0 × 6.0 × 70	Z 3	1	305664	PK09	4011890086896

Shape A (ZYA)

ALPHA HF A

ALPHALINE ●○○

ZYA

Carbide burr, shape A (ZYA): cylinder without end cut.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

ALPHA HF A

				Product category	EAN/pc. GTIN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304376	PK09	4011890109632
8 × 19.0 × 6.0 × 64	Z 7	1	304377	PK09	4011890109649
9.6 × 19.0 × 6.0 × 64	Z 7	1	304378	PK09	4011890109656
12.7 × 25.0 × 6.0 × 70	Z 7	1	304379	PK09	4011890109663

Shape A (ZYA)

ZYAS

HF B

TOPLINE ●●●

Carbide burr, shape B (ZYAS): cylinder with end cut.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape B (ZYAS)

HF B

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305010	PK09	4011890077542
3 × 14.0 × 3.0 × 38	Z 3	1	305665	PK09	4011890086902
6.3 × 12.7 × 3.0 × 45	Z 6	1	305011	PK09	4011890077559
6.3 × 12.7 × 3.0 × 45	Z 3	1	305666	PK09	4011890086919
6 × 18.0 × 6.0 × 50	Z 7	1	305012	PK09	4011890077566
6 × 18.0 × 6.0 × 50	Z 6	1	305013	PK09	4011890077573
6 × 18.0 × 6.0 × 50	Z 3	1	305667	PK09	4011890086926
8 × 19.0 × 6.0 × 64	Z 6	1	305014	PK09	4011890077580
8 × 19.0 × 6.0 × 64	Z 3	1	305668	PK09	4011890086933
9.6 × 19.0 × 6.0 × 64	Z 7	1	305015	PK09	4011890077597
9.6 × 19.0 × 6.0 × 64	Z 6	1	305016	PK09	4011890077603
9.6 × 19.0 × 6.0 × 64	Z 3	1	305669	PK09	4011890086940
12.7 × 25.0 × 6.0 × 70	Z 7	1	305017	PK09	4011890077610
12.7 × 25.0 × 6.0 × 70	Z 6	1	305018	PK09	4011890077627
12.7 × 25.0 × 6.0 × 70	Z 3	1	305670	PK09	4011890086957
16 × 25.0 × 6.0 × 70	Z 6	1	305019	PK09	4011890077634
16 × 25.0 × 6.0 × 70	Z 3	1	305671	PK09	4011890086964

ZYAS

ALPHA HF B

ALPHALINE ●○○

Carbide burr, shape B (ZYAS): cylinder with end cut.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

Shape B (ZYAS)

ALPHA HF B

				Product category	EAN/pc. GTIN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304380	PK09	4011890109670
9.6 × 19.0 × 6.0 × 64	Z 7	1	304381	PK09	4011890109687
12.7 × 25.0 × 6.0 × 70	Z 7	1	304382	PK09	4011890109694

HF C

TOPLINE ●●●

WRC

Carbide burr, shape C (WRC): ball-nosed cylinder.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF C

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305020	PK09	4011890077641
3 × 14.0 × 3.0 × 38	Z 3	1	305672	PK09	4011890086971
6.3 × 12.7 × 3.0 × 45	Z 6	1	305021	PK09	4011890077658
6.3 × 12.7 × 3.0 × 45	Z 3	1	305673	PK09	4011890086988
6 × 18.0 × 6.0 × 50	Z 7	1	305022	PK09	4011890077665
6 × 18.0 × 6.0 × 50	Z 6	1	305023	PK09	4011890077672
6 × 18.0 × 6.0 × 50	Z 3	1	305674	PK09	4011890086995
8 × 19.0 × 6.0 × 64	Z 6	1	305024	PK09	4011890077689
8 × 19.0 × 6.0 × 64	Z 3	1	305675	PK09	4011890087008
9.6 × 19.0 × 6.0 × 64	Z 7	1	305025	PK09	4011890077696
9.6 × 19.0 × 6.0 × 64	Z 6	1	305026	PK09	4011890077702
9.6 × 19.0 × 6.0 × 64	Z 3	1	305676	PK09	4011890087015
12.7 × 25.0 × 6.0 × 70	Z 7	1	305027	PK09	4011890077719
12.7 × 25.0 × 6.0 × 70	Z 6	1	305028	PK09	4011890077726
12.7 × 25.0 × 6.0 × 70	Z 3	1	305677	PK09	4011890087022
12.7 × 25.0 × 6.0 × 70	Z 6	1	305502	PK09	4011890084113
16 × 25.0 × 6.0 × 70	Z 6	1	305029	PK09	4011890077733
16 × 25.0 × 6.0 × 70	Z 3	1	305678	PK09	4011890087039

Shape C (WRC)

ALPHA HF C

ALPHALINE ●○○

WRC

Carbide burr, shape C (WRC): ball-nosed cylinder.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

ALPHA HF C

				Product category	EAN/pc. GTIN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304383	PK09	4011890109700
8 × 19.0 × 6.0 × 64	Z 7	1	304384	PK09	4011890109717
9.6 × 19.0 × 6.0 × 64	Z 7	1	304385	PK09	4011890109724
12.7 × 25.0 × 6.0 × 70	Z 7	1	304386	PK09	4011890109731

Shape C (WRC)

KUD

HF D

TOPLINE ●●●

Carbide burr, shape D (KUD): ball.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape D (KUD)

HF D

				Product category	EAN/pc. GTIN/pc.
3 × 2.5 × 3.0 × 38	Z 6	1	305030	PK09	4011890077740
3 × 2.5 × 3.0 × 38	Z 3	1	305679	PK09	4011890087046
4 × 3.4 × 3.0 × 38	Z 6	1	305031	PK09	4011890077757
4 × 3.4 × 3.0 × 38	Z 3	1	305680	PK09	4011890087053
6.3 × 5.0 × 3.0 × 38	Z 6	1	305032	PK09	4011890077764
6.3 × 5.0 × 3.0 × 38	Z 3	1	305681	PK09	4011890087060
6 × 4.7 × 6.0 × 50	Z 7	1	305033	PK09	4011890077771
6 × 4.7 × 6.0 × 50	Z 6	1	305034	PK09	4011890077788
6 × 4.7 × 6.0 × 50	Z 3	1	305682	PK09	4011890087077
8 × 6.0 × 6.0 × 52	Z 6	1	305035	PK09	4011890077795
8 × 6.0 × 6.0 × 52	Z 3	1	305683	PK09	4011890087084
9.6 × 8.0 × 6.0 × 54	Z 7	1	305036	PK09	4011890077801
9.6 × 8.0 × 6.0 × 54	Z 6	1	305037	PK09	4011890077818
9.6 × 8.0 × 6.0 × 54	Z 3	1	305684	PK09	4011890087091
12.7 × 11.0 × 6.0 × 56	Z 7	1	305038	PK09	4011890077825
12.7 × 11.0 × 6.0 × 56	Z 6	1	305039	PK09	4011890077832
12.7 × 11.0 × 6.0 × 56	Z 3	1	305685	PK09	4011890087107
16 × 14.0 × 6.0 × 59	Z 6	1	305040	PK09	4011890077849
16 × 14.0 × 6.0 × 59	Z 3	1	305686	PK09	4011890087114

KUD

ALPHA HF D

ALPHALINE ●○○

Carbide burr, shape D (KUD): ball.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

Shape D (KUD)

ALPHA HF D

				Product category	EAN/pc. GTIN/pc.
6 × 4.7 × 6.0 × 50	Z 7	1	304387	PK09	4011890109748
9.6 × 8.0 × 6.0 × 54	Z 7	1	304388	PK09	4011890109755
12.7 × 11.0 × 6.0 × 56	Z 7	1	304389	PK09	4011890109762

HF E

TOPLINE

TRE

Carbide burr, shape E (TRE): oval.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF E

				Product category	EAN/pc. GTIN/pc.
3 × 6.0 × 3.0 × 38	Z 6	1	305041	PK09	4011890077856
3 × 6.0 × 3.0 × 38	Z 3	1	305687	PK09	4011890087121
6.3 × 9.5 × 3.0 × 42	Z 6	1	305042	PK09	4011890077863
6.3 × 9.5 × 3.0 × 42	Z 3	1	305688	PK09	4011890087138
6 × 10.0 × 6.0 × 50	Z 6	1	305043	PK09	4011890077870
6 × 10.0 × 6.0 × 50	Z 3	1	305689	PK09	4011890087145
8 × 15.0 × 6.0 × 60	Z 6	1	305044	PK09	4011890077887
8 × 15.0 × 6.0 × 60	Z 3	1	305690	PK09	4011890087152
9.6 × 16.0 × 6.0 × 60	Z 6	1	305045	PK09	4011890077894
9.6 × 16.0 × 6.0 × 60	Z 3	1	305691	PK09	4011890087169
12.7 × 22.0 × 6.0 × 67	Z 6	1	305046	PK09	4011890077900
12.7 × 22.0 × 6.0 × 67	Z 3	1	305692	PK09	4011890087176
16 × 25.0 × 6.0 × 70	Z 6	1	305047	PK09	4011890077917
16 × 25.0 × 6.0 × 70	Z 3	1	305693	PK09	4011890087183
16 × 25.0 × 8.0 × 70	Z 7	1	305499	PK09	4011890083963

Shape E (TRE)

HF F

TOPLINE

RBF

Carbide burr, shape F (RBF): ball-nosed tree.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF F

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305048	PK09	4011890077924
3 × 14.0 × 3.0 × 38	Z 3	1	305694	PK09	4011890087190
6.3 × 12.7 × 3 × 45	Z 6	1	305049	PK09	4011890077931
6.3 × 12.7 × 3 × 45	Z 3	1	305695	PK09	4011890087206
6 × 18.0 × 6.0 × 50	Z 7	1	305050	PK09	4011890077948
6 × 18.0 × 6.0 × 50	Z 6	1	305051	PK09	4011890077955
6 × 18.0 × 6.0 × 50	Z 3	1	305696	PK09	4011890087213
8 × 20.0 × 6.0 × 65	Z 6	1	305052	PK09	4011890077962
8 × 20.0 × 6.0 × 65	Z 3	1	305697	PK09	4011890087220
9.6 × 19.0 × 6.0 × 64	Z 7	1	305053	PK09	4011890077979
9.6 × 19.0 × 6.0 × 64	Z 6	1	305054	PK09	4011890077986
9.6 × 19.0 × 6.0 × 64	Z 3	1	305698	PK09	4011890087237
12.7 × 25.0 × 6.0 × 70	Z 7	1	305055	PK09	4011890077993
12.7 × 25.0 × 6.0 × 70	Z 6	1	305056	PK09	4011890078006
12.7 × 25.0 × 6.0 × 70	Z 3	1	305699	PK09	4011890087244
16 × 30.0 × 8.0 × 75	Z 7	1	305500	PK09	4011890083970
16 × 25.0 × 6.0 × 70	Z 6	1	305057	PK09	4011890078013
16 × 25.0 × 6.0 × 70	Z 3	1	305700	PK09	4011890087251

Shape F (RBF)

RBF

ALPHA HF F

ALPHALINE ●○○

Carbide burr, shape F (RBF): ball-nosed tree.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

Shape F (RBF)

ALPHA HF F

				Product category	EAN/pc. GTIN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304390	PK09	4011890109779
8 × 20.0 × 6.0 × 65	Z 7	1	304391	PK09	4011890109786
9.6 × 19.0 × 6.0 × 64	Z 7	1	304392	PK09	4011890109793
12.7 × 25.0 × 6.0 × 70	Z 7	1	304393	PK09	4011890109809

SPG

HF G

TOPLINE ●●●

Carbide burr, shape G (SPG): tree.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape G (SPG)

HF G

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305058	PK09	4011890078020
3 × 14.0 × 3.0 × 38	Z 3	1	305701	PK09	4011890087268
6.3 × 12.7 × 3.0 × 45	Z 6	1	305059	PK09	4011890078037
6.3 × 12.7 × 3.0 × 45	Z 3	1	305702	PK09	4011890087275
6 × 18.0 × 6.0 × 50	Z 6	1	305060	PK09	4011890078044
6 × 18.0 × 6.0 × 50	Z 3	1	305703	PK09	4011890087282
8 × 19.0 × 6.0 × 64	Z 6	1	305061	PK09	4011890078051
8 × 19.0 × 6.0 × 64	Z 3	1	305704	PK09	4011890087299
9.6 × 19.0 × 6.0 × 64	Z 6	1	305062	PK09	4011890078068
9.6 × 19.0 × 6.0 × 64	Z 3	1	305705	PK09	4011890087305
12.7 × 25.0 × 6.0 × 70	Z 6	1	305063	PK09	4011890078075
12.7 × 25.0 × 6.0 × 70	Z 3	1	305706	PK09	4011890087312
12 × 30.0 × 6.0 × 75	Z 7	1	305501	PK09	4011890083987
16 × 25.0 × 6.0 × 70	Z 6	1	305064	PK09	4011890078082
16 × 25.0 × 6.0 × 70	Z 3	1	305707	PK09	4011890087329

ALPHA HF G

ALPHALINE ●○○

SPG

Carbide burr, shape G (SPG): tree.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

ALPHA HF G

				Product category	EAN/pc. GTIN/pc.
8 × 19.0 × 6.0 × 64	Z 7	1	304394	PK09	4011890109816
9.6 × 19.0 × 6.0 × 64	Z 7	1	304395	PK09	4011890109823
12.7 × 25.0 × 6.0 × 70	Z 7	1	304396	PK09	4011890109830

Shape F (RBF)

HF H

TOPLINE ●●●

FLF

Carbide burr, shape H (FLF): flame.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF H

				Product category	EAN/pc. GTIN/pc.
3 × 6.0 × 3.0 × 38	Z 6	1	305065	PK09	4011890078099
3 × 6.0 × 3.0 × 38	Z 3	1	305708	PK09	4011890087336
6 × 14.0 × 6.0 × 50	Z 6	1	305066	PK09	4011890078105
6 × 14.0 × 6.0 × 50	Z 3	1	305709	PK09	4011890087343
8 × 19.0 × 6.0 × 64	Z 6	1	305067	PK09	4011890078112
8 × 19.0 × 6.0 × 64	Z 3	1	305710	PK09	4011890087350
9.6 × 19.0 × 6.0 × 64	Z 6	1	305068	PK09	4011890078129
9.6 × 19.0 × 6.0 × 64	Z 3	1	305711	PK09	4011890087367
12.7 × 32.0 × 6.0 × 77	Z 6	1	305069	PK09	4011890078136
12.7 × 32.0 × 6.0 × 77	Z 3	1	305712	PK09	4011890087374
16 × 36.0 × 6.0 × 81	Z 6	1	305070	PK09	4011890078143
16 × 36.0 × 6.0 × 81	Z 3	1	305713	PK09	4011890087381

Shape H (FLF)

ALPHA HF H

ALPHALINE ●○○

FLF

Carbide burr, shape H (FLF): flame.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

ALPHA HF H

				Product category	EAN/pc. GTIN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7	1	304397	PK09	4011890109847

Shape H (FLF)

KSJ

HF J

TOPLINE ●●●

Carbide burr, shape J (KSJ): 60° countersink.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape J (KSJ)

HF J

				Product category	EAN/pc. GTIN/pc.
3 × 2.5 × 3.0 × 38	Z 3	1	305714	PK09	4011890087398
6 × 4.0 × 6.0 × 50	Z 6	1	305072	PK09	4011890078167
6 × 4.0 × 6.0 × 50	Z 3	1	305715	PK09	4011890087404
9.6 × 8.0 × 6.0 × 56	Z 6	1	305073	PK09	4011890078174
9.6 × 8.0 × 6.0 × 56	Z 3	1	305716	PK09	4011890087411
12.7 × 11.0 × 6.0 × 59	Z 6	1	305074	PK09	4011890078181
12.7 × 11.0 × 6.0 × 59	Z 3	1	305717	PK09	4011890087428
16 × 14.5 × 6.0 × 63	Z 6	1	305075	PK09	4011890078198
16 × 14.5 × 6.0 × 63	Z 3	1	305718	PK09	4011890087435

KSK

HF K

TOPLINE ●●●

Carbide burr, shape K (KSK): 90° countersink.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape K (KSK)

HF K

				Product category	EAN/pc. GTIN/pc.
3 × 1.5 × 3.0 × 38	Z 3	1	305719	PK09	4011890087442
6 × 3.0 × 6.0 × 50	Z 6	1	305077	PK09	4011890078211
6 × 3.0 × 6.0 × 50	Z 3	1	305720	PK09	4011890087459
9.6 × 4.7 × 6.0 × 53	Z 6	1	305078	PK09	4011890078228
9.6 × 4.7 × 6.0 × 53	Z 3	1	305721	PK09	4011890087466
12.7 × 6.3 × 6.0 × 55	Z 6	1	305079	PK09	4011890078235
12.7 × 6.3 × 6.0 × 55	Z 3	1	305722	PK09	4011890087473
16 × 8.0 × 6.0 × 57	Z 6	1	305080	PK09	4011890078242
16 × 8.0 × 6.0 × 57	Z 3	1	305723	PK09	4011890087480

HF L

TOPLINE ●●●

KEL

Carbide burr, shape L (KEL): ball-nosed cone.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

HF L

				Product category	EAN/pc. GTIN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305081	PK09	4011890078259
3 × 14.0 × 3.0 × 38	Z 3	1	305724	PK09	4011890087497
6 × 18.0 × 6.0 × 50	Z 7	1	305082	PK09	4011890078266
6 × 18.0 × 6.0 × 50	Z 6	1	305083	PK09	4011890078273
6 × 18.0 × 6.0 × 50	Z 3	1	305725	PK09	4011890087503
8 × 25.4 × 6.0 × 70	Z 6	1	305084	PK09	4011890078280
8 × 25.4 × 6.0 × 70	Z 3	1	305726	PK09	4011890087510
9.6 × 30.0 × 6.0 × 76	Z 7	1	305085	PK09	4011890078297
9.6 × 30.0 × 6.0 × 76	Z 6	1	305086	PK09	4011890078303
9.6 × 30.0 × 6.0 × 76	Z 3	1	305727	PK09	4011890087527
12.7 × 32.0 × 6.0 × 77	Z 7	1	305087	PK09	4011890078310
12.7 × 32.0 × 6.0 × 77	Z 6	1	305088	PK09	4011890078327
12.7 × 32.0 × 6.0 × 77	Z 3	1	305728	PK09	4011890087534
16 × 33.0 × 6.0 × 78	Z 6	1	305089	PK09	4011890078334
16 × 33.0 × 6.0 × 78	Z 3	1	305729	PK09	4011890087541

Shape L (KEL)

ALPHA HF L

ALPHALINE ●○○

KEL

Carbide burr, shape L (KEL): ball-nosed cone.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

ALPHA HF L

				Product category	EAN/pc. GTIN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7	1	304398	PK09	4011890109854

Shape L (KEL)

SKM

HF M

TOPLINE ●●●

Carbide burr, shape M (SKM): cone.

- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape M (SKM)

HF M

				Product category	EAN/pc. GTIN/pc.
3 × 11.0 × 3.0 × 38	Z 6	1	305090	PK09	4011890078341
3 × 11.0 × 3.0 × 38	Z 3	1	305730	PK09	4011890087558
6.3 × 12.7 × 3.0 × 49	Z 6	1	305091	PK09	4011890078358
6.3 × 12.7 × 3.0 × 49	Z 3	1	305731	PK09	4011890087565
6 × 20.0 × 6.0 × 50	Z 6	1	305092	PK09	4011890078365
6 × 20.0 × 6.0 × 50	Z 3	1	305732	PK09	4011890087572
9.6 × 16.0 × 6.0 × 64	Z 6	1	305093	PK09	4011890078372
9.6 × 16.0 × 6.0 × 64	Z 3	1	305733	PK09	4011890087589
12.7 × 22.0 × 6.0 × 71	Z 6	1	305094	PK09	4011890078389
12.7 × 22.0 × 6.0 × 71	Z 3	1	305734	PK09	4011890087596
16 × 25.0 × 6.0 × 71	Z 6	1	305095	PK09	4011890078396
16 × 25.0 × 6.0 × 71	Z 3	1	305735	PK09	4011890087602

SKM

ALPHA HF M

ALPHALINE ●○○

Carbide burr, shape M (SKM): cone.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

Shape M (SKM)

ALPHA HF M

				Product category	EAN/pc. GTIN/pc.
9.6 × 16.0 × 6.0 × 64	Z 6	1	304399	PK09	4011890109861
12.7 × 22.0 × 6.0 × 71	Z 6	1	304400	PK09	4011890109878

WKN

HF N

TOPLINE ●●●

Carbide burr, shape N (WKN): inverted cone.

- High concentricity
- Optimally coordinated cutting geometry ensures best work results
- Long service life

Shape N (WKN)

HF N

				Product category	EAN/pc. GTIN/pc.
3 × 4.0 × 3.0 × 38	Z 6	1	305096	PK09	4011890078402
3 × 4.0 × 3.0 × 38	Z 3	1	305736	PK09	4011890087619
6.3 × 6.4 × 3.0 × 39	Z 6	1	305097	PK09	4011890078419
6.3 × 6.4 × 3.0 × 39	Z 3	1	305737	PK09	4011890087626

				Product category	EAN/pc. GTIN/pc.
6 × 8.0 × 6.0 × 50	Z 6	1	305098	PK09	4011890078426
6 × 8.0 × 6.0 × 50	Z 3	1	305738	PK09	4011890087633
9.6 × 9.5 × 6.0 × 55	Z 6	1	305099	PK09	4011890078433
9.6 × 9.5 × 6.0 × 55	Z 3	1	305739	PK09	4011890087640
12.7 × 12.7 × 6.0 × 58	Z 6	1	305100	PK09	4011890078440
12.7 × 12.7 × 6.0 × 58	Z 3	1	305740	PK09	4011890087657
16 × 19.0 × 6.0 × 64	Z 6	1	305101	PK09	4011890078457
16 × 19.0 × 6.0 × 64	Z 3	1	305741	PK09	4011890087664

Shape N (WKN)

HF SET

TOPLINE

Carbide burr set, consisting of the three/five most popular carbide burr shapes.

- Double cut for high material abrasion
- Attractive plastic box for easy storage

HF SET 3

			Product category	EAN/pc. GTIN/pc.
Z 6	1	305859	PK09	4011890092187

Content:
Set includes one each:
HF C (305026)
HF D (305037)
HF F (305054)
head diameter 9.6 mm, cut Z 6

HF SET 5

			Product category	EAN/pc. GTIN/pc.
Z 6	1	305860	PK09	4011890092200

Content:
Set includes one each:
HF A 305006
HF C 305026
HF D 305037
HF F 305054
HF G 305062
head diameter 9.6 mm, cut Z 6

HF SET

TOPLINE

Carbide burr set, consisting of the three/five most popular carbide burr shapes.

- Double cut for high material abrasion
- Attractive plastic box for easy storage

HF SET 10

			Product category	EAN/pc. GTIN/pc.
Z 6	1	305484	PK09	4011890082508

Content:
Set includes one each:
HF B (305013, 305018);
HF C (305023, 305028);
HF D (305034, 305039);
HF F (305052, 305056);
HF G (305060, 305063)
head diameter 6 and 12.7 mm, cut Z 6

RHODIUS
ALLCUT
BRAINTOOLS
LD 410
SPEED
230×17×28
UNIVERSAL BETON
USAGE UNIVERSEL BÉTON
TOP
RHODIUS
DG45
125×7,5×1,6
PRO

DIAMOND TOOLS

CONTENTS

WALL CHASING MACHINES	224
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CORE DRILLS/TILE DRILLS	243

HIGHLIGHTS

LD402/LD403 ALL IN ONE

- Easy milling in a single operation

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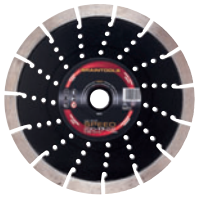

LD410 SPEED

- Less vibration while cutting

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RH403S

- Up to 50% faster wall chasing work

Page 225

LD200 SPEED

- Improved material removal

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SPECIAL TECHNOLOGIES

More information on page 032

More information on page 034

DIAMOND TOOLS

APPLICATION MATRIX

Explanation of symbols

especially suitable

suitable

		Tilers | Gardens & landscaping | Paving companies | Façades | Structural engineering			
		Tiles/ceramic		Natural stone	
		Stoneware / Plastic / FRP	Tiles (high-fired) / Ceramic	Clinker (high-fired) / Slate	Natural and artificial stone
Braintools	CUTTING				
TOPline					
					DG100
			DG15		
			DG10		
			LD1		
PROline			DG45		
		DG25			
					DG35
ALPHAline			DG50		
					DG55
TOPline	GRINDING				
PROline					
ALPHAline					
PROline	DRILLING		CD30		
			CD40		

· Tiles	· Marble	· Roofing tiles	· Natural stone
· Clay	· Plastics	· Granite slabs	· Artificial stone
· Ceramic	· FRP	· Hard plaster slabs	· Facing brick
· Stoneware tubes		· Clinker	· Structural plaster
· Lithographic stone		· Slate	
· Terrazzo floor coverings		· Tiles	

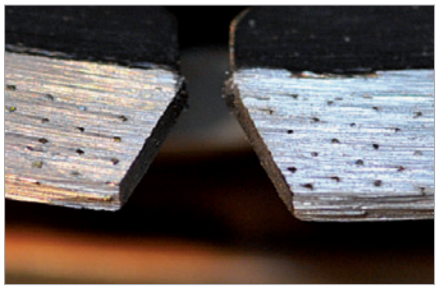
+49 2636 920 400 | +49 800 664 5394 | service@rhodius.de | www.rhodius-abrasives.com

Roofers | Façades	Structural engineering | Civil engineering | Building components			Civil engineering
	Concrete			Asphalt
Granite	Reinforced concrete	Concrete products	Masonry / Brick / Sand-lime brick	Asphalt
LD410 SPEED				
	LD200 SPEED			
		LD402/LD403 ALL IN ONE		
	LD45			
LD100 Matrix				
LD4				
MATRIX			LD2	
				LD70
DG210 ALLCUT				
		LD40		
				LD60
		LD50		
		DG70		
	DS1			
DS2				
		DS10		
		DS40		
			DS41	
		CD10/CD15		
			CD20	
	· Old concrete · Concrete · Washed-out concrete · Green concrete · General building materials	· Concrete tubes · Pumice stone · Stoneware · Cellar bricks · Structural plaster · Fireclay	· Basalt · Road kerb · Stairs	· Asphalt · Floor pavement · Sand-lime brick · Washed-out concrete

THE DIAMOND CUTTING DISC

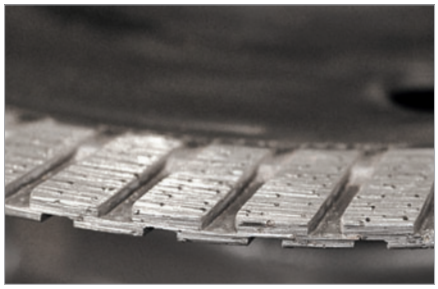
THE DIAMOND – EXTREME HARDNESS AND CUTTING PERFORMANCE

Premium industrial diamonds are used to ensure the continuously high quality of our diamond tools.
These diamonds are made from graphite at high temperatures and extreme pressures. Unlike natural diamonds, their properties can be consistently reproduced.



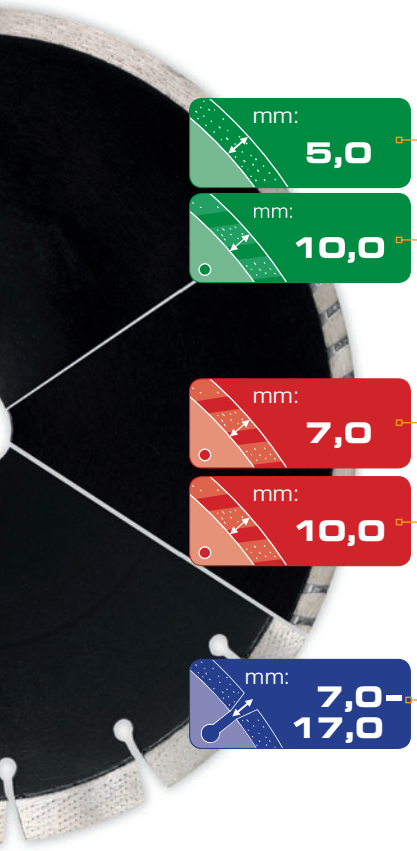
The following quality attributes are important for use on cutting and grinding discs:

- Purity grade
- Defined fracture strength
- Sharp edges
- Constant geometry



The connecting segment

With a diamond cutting disc, the diamonds are embedded into the segment in a metal bond. The composition of the segment bond is selected to match the cutting disc application scenario. If abrasive construction materials need to be cut, a hard bond is chosen for the segment. If the cutting disc is intended for use on hard materials, a soft bond is the correct choice. Accordingly, the various properties of the metal bond affect the cutting ability and the wear of the individual segment.



Clean cutting edge
Diamond cutting discs with a closed cutting edge

Short cutting time
Diamond cutting discs with turbo cutting edge

Top performance with segment heights up to 17 mm
Diamond cutting discs with segmented cutting edge

The cutting edge types

The shape of the cutting edge is also crucial for the cutting disc's stock removal performance and the 'feel' of the cut while working.

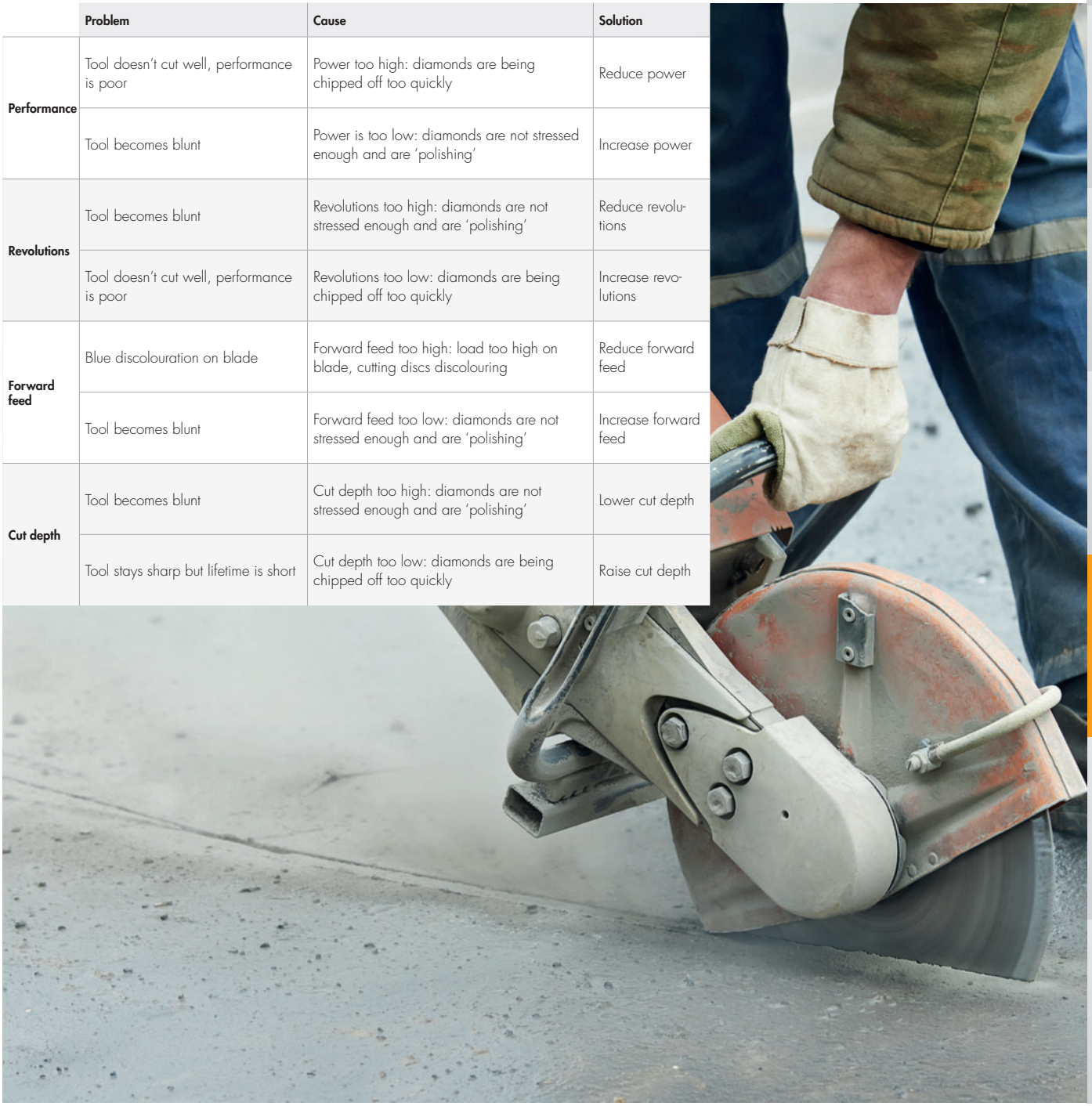
Your path to the right product
Finding the right diamond tool for your use case all depends on the material being processed. Simply use the application matrix (e.g. concrete) in the respective product chapter to find the information you need, and select a product with the desired quality reference.

Application guidelines for optimum results with diamond cutting discs

Whether working on natural stone, tiles, concrete or asphalt – professional users expect a fast cut and a long lifetime from a diamond cutting disc. The behaviour of a diamond cutting disc within an application depends essentially on three factors: the quality of the diamonds, the bond strength of the segment and the shape of the cutting edge.

Find out how correct handling can increase the performance of your diamond cutting disc.

	Problem	Cause	Solution
Performance	Tool doesn't cut well, performance is poor	Power too high: diamonds are being chipped off too quickly	Reduce power
	Tool becomes blunt	Power is too low: diamonds are not stressed enough and are 'polishing'	Increase power
Revolutions	Tool becomes blunt	Revolutions too high: diamonds are not stressed enough and are 'polishing'	Reduce revolutions
	Tool doesn't cut well, performance is poor	Revolutions too low: diamonds are being chipped off too quickly	Increase revolutions
Forward feed	Blue discolouration on blade	Forward feed too high: load too high on blade, cutting discs discolouring	Reduce forward feed
	Tool becomes blunt	Forward feed too low: diamonds are not stressed enough and are 'polishing'	Increase forward feed
Cut depth	Tool becomes blunt	Cut depth too high: diamonds are not stressed enough and are 'polishing'	Lower cut depth
	Tool stays sharp but lifetime is short	Cut depth too low: diamonds are being chipped off too quickly	Raise cut depth



THANKS TO THE ALL IN ONE

NEARLY 50% FASTER

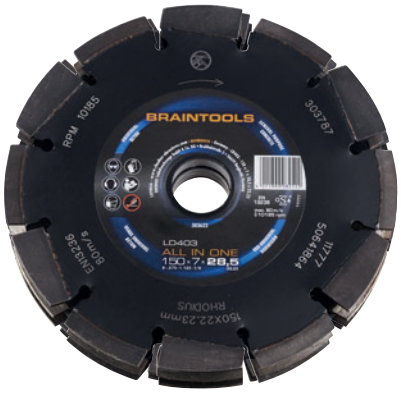
mm: 7,0

LD402 / LD403 ALL IN ONE

BRAINTOOLS

●●●●●○ Lifetime
●●●●●● Cutting ability

The ALL IN ONE enables quick and operator-friendly milling of wall grooves in many stone materials (including reinforced materials). Thanks to the ingenious system. using segments arranged in a criss-cross formation. precise wall chasing is now possible. whereby all of the material is removed cleanly from the groove. No time-consuming knocking-out of the middle ridge is required. The high-performance. laser-welded ALL IN ONE disc system cuts aggressively and features a long lifetime.



- No knocking out of the middle ridge required
- Reduces dirt and dust
- Up to 50% time savings by milling in one operation

Enables easy milling of wall slots (up to 30 mm) in only one operation. No problematic knocking out of the middle ridge needed.

Material:
- Limestone
- Aerated concrete
- Pumice
- Concrete products
- Concrete
- Reinforced concrete
- Fireclay

Typical applications:
- Easy chasing of wall grooves in a single operation

MAXIMUM EFFICIENCY BRAINTOOLS 100%

ALL ROUNDER multifunctional tools

LD402 ALL IN ONE — 2x milling unit

				Product category	EAN/pc. GTIN/pc.
125 × 7.0 × 18.0 × 22.23	12200	1	303670	PKSON	4011890083260
150 × 7.0 × 18.0 × 22.23	10185	1	303671	PKSON	4011890083277

LD403 ALL IN ONE — 3x milling unit

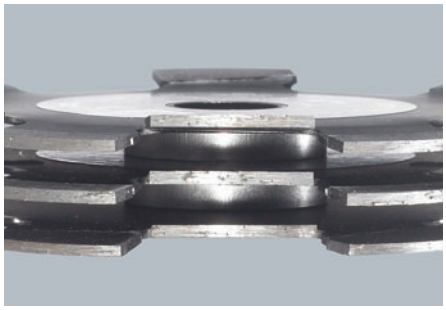
				Product category	EAN/pc. GTIN/pc.
125 × 7.0 × 28.5 × 22.23	12200	1	303621	PKSON	4011890082515
150 × 7.0 × 28.5 × 22.23	10185	1	303622	PKSON	4011890082522

Wall chasing clamp

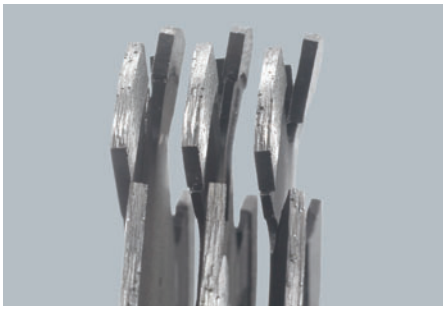
			Product category	EAN/pc. GTIN/pc.
OMEGA Typ A	50	303673	PKSON	4011890083314
OMEGA Typ B	50	303625	PKSON	4011890082577

LD402 ALL IN ONE IN ACTION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1



Quick assembly, thanks to fixed dual-/triple-disc systems.
Dual-disc system for 20 mm groove width.
Triple-disc system for 30 mm groove width.



Criss-crossed diamond segments enable milling without creating a ridge. This also avoids disc clogging.

THE WALL CHASER

SAFETY ALL ALONG THE LINE

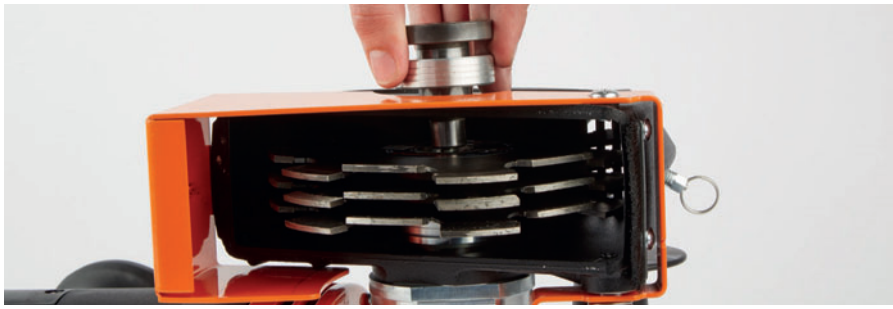
RH403S

TOPLINE

The ALL IN ONE enables quick and operator-friendly chasing of wall grooves in many stone materials (including reinforced materials). Thanks to the ingenious system. using segments arranged in a criss-cross formation. precise milling of slots is now possible. whereby removing all the material cleanly from the slots. No time-consuming knocking-out of the middle ridge is required. The high-performance. laser-welded ALL IN ONE disc system cuts aggressively and features a long lifetime.

RH403S

			Product category	EAN/pc. GTIN/pc.
Wall chaser for disc diameters up to 150 mm	1	304014	PKSON	4011890110447
RH403S add-on-kit	1	304015	PKSON	4011890110454



Effortless tool change thanks to split safety spindle and precision-fit spacer rings

The small gap between the protective cover and the diamond cutting disc allows working as close as 18 mm to the edge.

Powerful 2,300 W motor for tractive power

RH403S IN ACTION:

Watch video now on our Youtube channel.
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DIAMOND CUTTING DISC

WITH FORGED SEGMENTS

mm: 13,0–17,0

LD410 SPEED

≤ 230 mm 80 m/s 300-400 mm 100 m/s

●●●●●● Lifetime
●●●●●● Cutting ability

The LD410 SPEED cuts even the hardest natural stone such as granite cleanly and very quickly. This outstanding cutting ability is made possible by the novel manufacturing method that uses forged segments combined with a high-density. pore-free bond. Compared to conventional sintered diamond disc segments. this gives the LD410 SPEED an extremely high cutting speed and a long lifetime. Better protection against segment breakage is offered by the improved weldability of the segments and the resulting strong bond to the steel core.

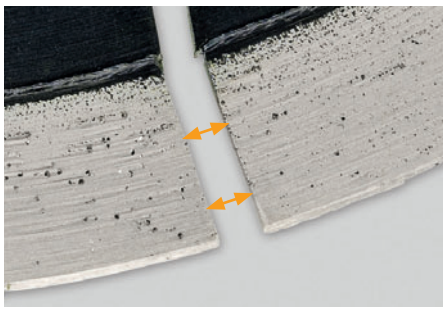
- Up to 17 mm segment height
- Very safe through high side load values
- Less vibration during cutting

Diamond cutting disc with forged segments.
The high-density/pore-free bond increases cutting speed and lifetime

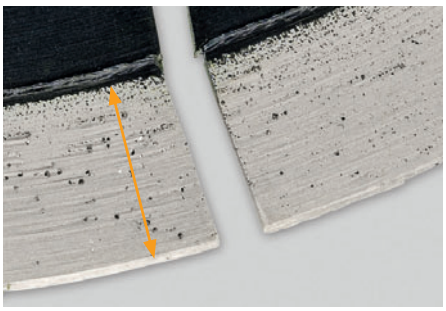
LD410 SPEED straight

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 13.0 × 2.4 × 22.23	13285	1	303712	PK10	4011890084878
125 × 13.0 × 2.4 × 22.23	12200	1	303713	PK10	4011890084885
150 × 13.0 × 2.4 × 22.23	10185	1	303714	PK10	4011890084892
180 × 13.0 × 2.4 × 22.23	8600	1	303715	PK10	4011890084908
230 × 17.0 × 2.8 × 22.23	6600	1	303716	PK10	4011890084915
300 × 17.0 × 2.8 × 20.00	6365	1	303717	PK10	4011890084922
300 × 17.0 × 2.8 × 25.40*	6365	1	303718	PK10	4011890084939
350 × 17.0 × 3.0 × 20.00	5460	1	303719	PK10	4011890084946
350 × 17.0 × 3.0 × 25.40*	5460	1	303720	PK10	4011890084953
400 × 17.0 × 3.2 × 20.00	4775	1	303721	PK10	4011890084960
400 × 17.0 × 3.2 × 25.40*	4775	1	303722	PK10	4011890084977

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit



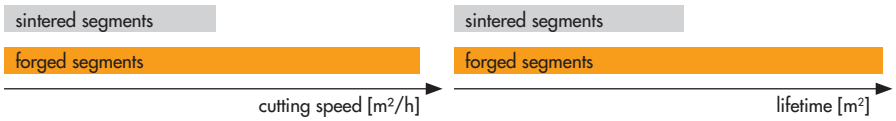
The vibration load can be minimised thanks to more uniform narrow gaps between the segments



The new forging process renders segment heights of up to 17 mm possible

OUR PRODUCTS IN OPERATION:

Watch video now on our Youtube channel.
www.youtube.com/user/schlauschleifen1



Comparison of cutting speed and lifetime for forged and sintered segments

DIAMOND CUTTING DISC

WITH FORGED SEGMENTS

≤ 230 mm (80 m/s) 300-400 mm (100 m/s) ≥ 450 mm (63 m/s)

LD200 SPEED

mm: 13,0

Lifetime ●●●●●●
Cutting ability ●●●●●●

Compared to conventionally sintered segments. the forged diamond segments of the LD200 SPEED offer maximum performance in terms of speed and lifetime. During the forging process. high-density and pore-free segments are created under high pressure. This enables the LD200 SPEED to offer impressive cutting ability and a long lifetime across a broad spectrum of materials from reinforced concrete to abrasive materials. The improved welding properties of the segments lead to a stronger bonding to the steel core and thus offers better protection against breakage.

- Up to 13 mm segment height
- Very safe through high side load values
- Less vibration during cutting

Diamond cutting disc with forged segments.
The high-density/pore-free bond increases cutting speed and lifetime

Material:
- Concrete
- Washed-out concrete
- Abrasive materials
- Limestone
- Building materials. bricks. chamotte

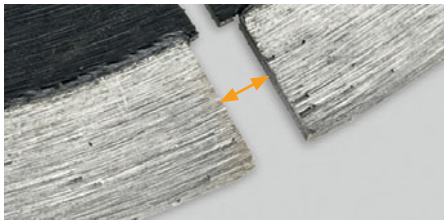
Typical applications:
- Road kerbs
- Cellar bricks
- Structural plaster
- Wall openings
- Cutting floor slabs
- Stairs
- Cutting expansion joints

straight

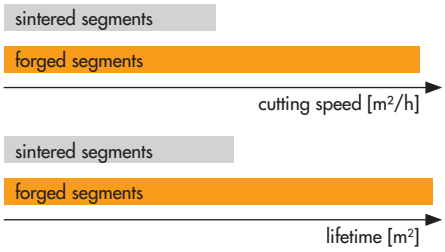
LD200 SPEED

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 13.0 × 2.4 × 22.23	13285	1	303723	PK10	4011890084984
125 × 13.0 × 2.4 × 22.23	12200	1	303724	PK10	4011890084991
150 × 13.0 × 2.4 × 22.23	10185	1	303725	PK10	4011890085004
180 × 13.0 × 2.4 × 22.23	8600	1	303726	PK10	4011890085011
230 × 13.0 × 2.6 × 22.23	6600	1	303727	PK10	4011890085028
300 × 13.0 × 2.8 × 20.00	6365	1	303728	PK10	4011890085035
300 × 13.0 × 2.8 × 25.40	6365	1	303729	PK10	4011890085042
350 × 13.0 × 3.0 × 20.00	5460	1	303730	PK10	4011890085059
350 × 13.0 × 3.0 × 25.40*	5460	1	303731	PK10	4011890085066
400 × 13.0 × 3.2 × 20.00	4775	1	303732	PK10	4011890085073
400 × 13.0 × 3.2 × 25.40*	4775	1	303733	PK10	4011890085080
450 × 13.0 × 3.6 × 25.40	2700	1	303734	PK10	4011890085097
500 × 13.0 × 3.6 × 25.40	2450	1	303735	PK10	4011890085103
600 × 13.0 × 3.6 × 25.40	2030	1	303736	PK10	4011890085110
700 × 13.0 × 3.6 × 25.40	1700	1	303737	PK10	4011890085127
800 × 13.0 × 3.6 × 25.40	1550	1	303738	PK10	4011890085134
900 × 13.0 × 4.4 × 25.40	1350	1	303739	PK10	4011890085141
1000 × 13.0 × 4.4 × 25.40	1250	1	303740	PK10	4011890085158
1200 × 13.0 × 4.4 × 25.40	1000	1	303741	PK10	4011890085165

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit



Larger uniform gaps between the individual segments allow for an optimum removal of materials in abrasive materials



Comparison of cutting speed and lifetime for forged and sintered segments

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DIAMOND CUTTING DISCS / **UNIVERSAL, CONCRETE**

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

Material examples	Hardness/ lifetime	LD200 SPEED	LD402/403 ALL IN ONE	LD45	LD100 MATRIX	LD2	LD40	LD50	DG70
Reference		LD200 SPEED	LD402/403 ALL IN ONE	LD45	LD100 MATRIX	LD2	LD40	LD50	DG70
Quality level		BRAINTOOLS	BRAINTOOLS	TOPLINE ●●●	TOPLINE ●●●	TOPLINE ●●●	PROLINE ●●○	ALPHALINE ●○○	ALPHALINE ●○○
		●●●●●●	●●●●●●	●●●●●●	●●●●●●	●●●●●●	●●●●●○	●●●●●○	●●●●●●
Granite / Hard natural stone					●				
Reinforced concrete		●	◐	●	●				
Washed-out concrete		●	●	●	●		●	◐	
Concrete		●	●	●	●	◐	●	●	
Building materials / Bricks / Fireclay		●	●	●		●	●	●	
Abrasive materials / (Lime) sand stones / Asphalt / Floor pavement		●	●	●		●	◐		

mm: 10,0–12,0

LD100 MATRIX

TOPLINE ●●●

80 m/s

●●●●●○ Lifetime
●●●●●○ Cutting ability

Homogeneous diamond arrangement ensures consistent performance while increasing lifetime and stock removal performance by up to 70%.

- Patented, self-sharpening diamonds
- Prevents premature chipping of individual diamonds
- High cutting speed

straight

LD100 MATRIX

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 10.0 × 2.4 × 22.23	13285	1	303378	PK10	4011890071281
125 × 10.0 × 2.4 × 22.23	12200	1	303379	PK10	4011890071298
150 × 10.0 × 2.4 × 22.23	10185	1	303394	PK10	4011890071779
180 × 10.0 × 2.4 × 22.23	8600	1	303380	PK10	4011890071304
230 × 12.0 × 2.6 × 22.23	6600	1	303381	PK10	4011890071311

≤ 230 mm 80 m/s 300-400 mm 100 m/s ≥ 450 mm 63 m/s

LD45

TOPLINE

mm: 11,0

Lifetime ●●●●○○
Cutting ability ●●●●○○

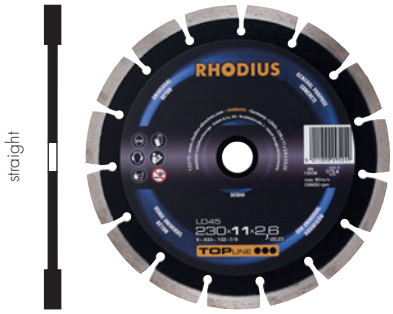
Diamond cutting disc with forged segments. The high-density/pore-free bond increases cutting speed and lifetime

- High cutting speed
- Long lifetime
- Wet and dry cutting

LD45

				Product category	EAN/pc. GTIN/pc.
230 × 11.0 × 2.6 × 22.23	6600	1	303840	PK10	4011890095249
300 × 11.0 × 2.8 × 25.40*	6365	1	303839	PK10	4011890095232
300 × 11.0 × 2.8 × 20.00	6365	1	303838	PK10	4011890095225
350 × 11.0 × 3.0 × 25.40*	5460	1	303837	PK10	4011890095195
350 × 11.0 × 3.0 × 20.00	5460	1	303836	PK10	4011890095188
400 × 11.0 × 3.2 × 25.40*	4775	1	303833	PK10	4011890095027
400 × 11.0 × 3.2 × 20.00	4775	1	303835	PK10	4011890095171
450 × 11.0 × 3.6 × 25.40	2700	1	303834	PK10	4011890095164

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit



80 m/s

LD2

TOPLINE

mm: 10,0

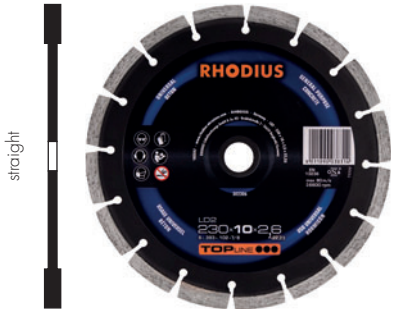
Lifetime ●●●●●●
Cutting ability ●●●●●○

Diamond cutting disc with long service life, designed specially for abrasive materials.

- High cutting speed
- Good lifetime
- Wet and dry cutting

LD2

				Product category	EAN/pc. GTIN/pc.
115 × 10.0 × 2.4 × 22.23	13285	1	302302	PK10	4011890038277
125 × 10.0 × 2.4 × 22.23	12200	1	302303	PK10	4011890038284
150 × 10.0 × 2.4 × 22.23	10185	1	302304	PK10	4011890038291
180 × 10.0 × 2.4 × 22.23	8600	1	302305	PK10	4011890038307
230 × 10.0 × 2.6 × 22.23	6600	1	302306	PK10	4011890038314



mm: 10,0

LD40

≤ 230 mm | 80 m/s | 300-400 mm | 100 m/s

PROLINE ●●○

●●●○○○ Lifetime
●●●○○○ Cutting ability

Reliable all-rounder with short cutting times and a long lifetime.

- Ideal for diverse applications
- Short cutting times
- Long lifetime

straight

LD40

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 10.0 × 2.2 × 22.23	13285	1	302448	PK10	4011890050316
125 × 10.0 × 2.2 × 22.23	12200	1	302450	PK10	4011890050323
150 × 10.0 × 2.4 × 22.23	10185	1	393538	PK10	4011890051832
180 × 10.0 × 2.4 × 22.23	8600	1	302452	PK10	4011890050330
230 × 10.0 × 2.4 × 22.23	6600	1	302454	PK10	4011890050347
300 × 10.0 × 2.5 × 20.00	6365	1	302456	PK10	4011890050354
300 × 10.0 × 2.5 × 25.40*	6365	1	303437	PK10	4011890072240
350 × 10.0 × 2.8 × 20.00	5460	1	302514	PK10	4011890050361
350 × 10.0 × 2.8 × 25.40*	5460	1	303438	PK10	4011890072257
400 × 10.0 × 3.2 × 25.40*	4245	1	303921	PK10	4011890098622

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

mm: 7,0

LD50

≤ 230 mm | 80 m/s | 300-400 mm | 100 m/s

ALPHALINE ●○○

●●○○○○ Lifetime
●●○○○○ Cutting ability

High-performance universal cutting disc for the cost-conscious end user.

- Good cutting times
- Good lifetime
- Wet and dry cutting

straight

LD50

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 2.0 × 22.23	13285	1	303185	PK10	4011890059104
125 × 7.0 × 2.2 × 22.23	12200	1	303186	PK10	4011890059111
150 × 7.0 × 2.4 × 22.23	10185	1	303187	PK10	4011890059128
180 × 7.0 × 2.4 × 22.23	8600	1	303188	PK10	4011890059135
230 × 7.0 × 2.4 × 22.23	6600	1	303189	PK10	4011890059142
300 × 7.0 × 2.5 × 25.40*	6365	1	303446	PK10	4011890072264
350 × 7.0 × 2.8 × 25.40*	5460	1	303447	PK10	4011890072271

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

mm: 7,0

DG70

ALPHALINE ●○○

●●○○○○ Lifetime
●●○○○○ Cutting ability

Inexpensive diamond cutting disc for concrete. For angle grinders up to Ø 230 mm. The DG70 diamond cutting disc for the cost-conscious professional. Diamond segments sintered onto carrier sheet.

- Good value for money
- Wet and dry cutting

straight

DG70

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 1.6 × 22.23	13285	1	304091	PK10	4011890110737
125 × 7.0 × 1.6 × 22.23	12200	1	304092	PK10	4011890110744
150 × 7.0 × 2.0 × 22.23	10185	1	304093	PK10	4011890110751
180 × 7.0 × 2.0 × 22.23	8600	1	304094	PK10	4011890110768
230 × 7.0 × 2.3 × 22.23	6600	1	304095	PK10	4011890110775

DIAMOND CUTTING DISC / **ALLCUT**

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals
- ●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

- ● = especially suitable
- ◐ = suitable
- ○ = less suitable

Material examples	Reference	DG210 Allcut
	Quality level	TOPLINE ●●●
	Hardness/ lifetime	●●●●●○○
Universal materials / Steel / Ductile pipes / Concrete reinforcing iron		◐
Reinforced concrete / Building materials		◐
Brick / Plastic / FRP		◐

≤ 230 mm (80 m/s) 300-400 mm (100 m/s) ≥ 450 mm (63 m/s)

DG210 ALLCUT

TOPLINE ●●●

mm: 3,0

Lifetime ●●●●○○
Cutting ability ●●●○○○

The DG210 ALLCUT enables reliable, fast cutting of many materials with a cool cut.

- An all-rounder with extremely long lifetime, for stone and a good performer on steel
- Constant stock removal performance
- Wet and dry cutting

DG210 ALLCUT

⊕	U/min			Product category	EAN/pc. GTIN/pc.
115 × 3.0 × 2.5 × 22.23	13285	1	303387	PK10	4011890071397
125 × 3.0 × 2.5 × 22.23	12200	1	303388	PK10	4011890071403
150 × 3.0 × 2.5 × 22.23	10185	1	303389	PK10	4011890071410
180 × 3.0 × 2.8 × 22.23	8600	1	303390	PK10	4011890071427
230 × 3.0 × 2.8 × 22.23	6600	1	303391	PK10	4011890071434
300 × 3.0 × 3.1 × 25.40*	6365	1	303366	PK10	4011890071441
350 × 3.0 × 3.1 × 25.40*	5460	1	303368	PK10	4011890071465
400 × 3.0 × 3.3 × 25.40*	4775	1	303369	PK10	4011890071472
500 × 3.0 × 3.9 × 25.40*	2450	1	303370	PK10	4011890071489
600 × 3.0 × 4.1 × 25.40*	2050	1	303371	PK10	4011890071496

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

DIAMOND CUTTING DISCS / **ASPHALT**

Explanation of symbols

- Stainless steel
- Steel
- Non-ferrous metals
- Stone
- Cast iron

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

Application	Reference	LD70	LD60
	Quality level	TOPLINE ●●●	PROLINE ●●○
	Hardness/lifetime	●●●●○○	●●●○○○
Freehand cutting up to Ø 400 mm		●	●
Self-propelled joint cutter from Ø 350 mm		●	●

mm: 10,0–13,0

LD70

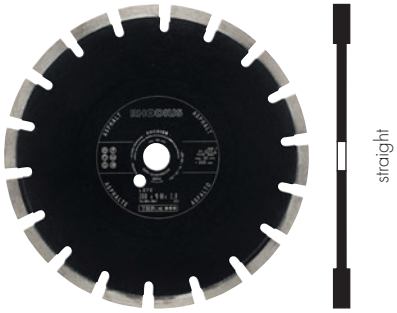
TOPLINE ●●●

300-400 mm (100 m/s) ≥ 450 mm (63 m/s)

●●●●○○ Lifetime
●●●●●○ Cutting ability

Diamond cutting disc with a excellent lifetime, for asphalt and abrasive materials and demanding user requirements.

- Up to 13 mm segment height
- Very safe through depth protection segments
- Wet and dry cutting



LD70

	U/min			Product category	EAN/pc. GTIN/pc.
300 × 13.0 × 2.8 × 20.00	6365	1	393459	PK10	4011890054482
300 × 13.0 × 2.8 × 25.40*	6365	1	303512	PK10	4011890072530
350 × 13.0 × 3.0 × 20.00	5460	1	393474	PK10	4011890054499
350 × 13.0 × 3.0 × 25.40*	5460	1	303489	PK10	4011890072349
400 × 13.0 × 3.2 × 20.00	4775	1	303742	PK10	4011890085172
400 × 13.0 × 3.2 × 25.40*	4775	1	303490	PK10	4011890072356
450 × 13.0 × 3.6 × 25.40	2700	1	303491	PK10	4011890072363
500 × 13.0 × 3.6 × 25.40	2450	1	303492	PK10	4011890072370
600 × 13.0 × 4.0 × 25.40	2050	1	303493	PK10	4011890072387
700 × 10.0 × 4.6 × 25.40	1700	1	303743	PK10	4011890085189
800 × 10.0 × 4.6 × 25.40	1550	1	303744	PK10	4011890085196
900 × 10.0 × 4.6 × 25.40	1350	1	303745	PK10	4011890085202

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

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300-400 mm 100 m/s ≥ 450 mm 63 m/s

LD60

PROLINE ●●○

mm: 11,0

Lifetime ●●●○○○
Cutting ability ●●●●○○

Diamond cutting disc for asphalt.

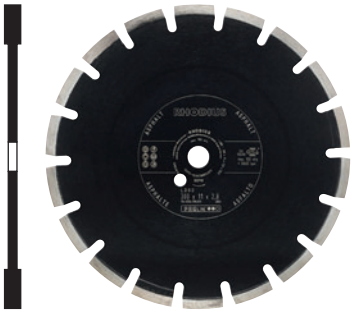
- 11 mm segment height
- Very safe through depth protection segments
- Wet and dry cutting

LD60

				Product category	EAN/pc. GTIN/pc.
300 × 11.0 × 2.8 × 20.00	6365	1	303746	PK10	4011890085219
300 × 11.0 × 2.8 × 25.40*	6365	1	303494	PK10	4011890072394
350 × 11.0 × 3.0 × 20.00	5460	1	303747	PK10	4011890085226
350 × 11.0 × 3.0 × 25.40*	5460	1	303496	PK10	4011890072417
400 × 11.0 × 3.2 × 20.00	4775	1	303748	PK10	4011890085233
400 × 11.0 × 3.2 × 25.40*	4775	1	303497	PK10	4011890072424
450 × 11.0 × 3.6 × 25.40	2700	1	303498	PK10	4011890072431
500 × 11.0 × 3.6 × 25.40	2450	1	303499	PK10	4011890072448

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

straight



DIAMOND CUTTING DISCS / NATURAL AND ARTIFICIAL STONE

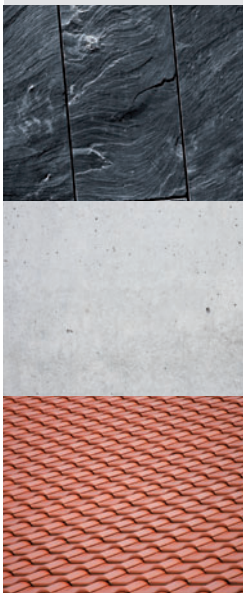
Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable



Material examples	Reference	LD410 SPEED	LD4	DG100 MATRIX	DG35	DG55
	Quality level	BRAINTOOLS	TOPLINE ●●●	TOPLINE ●●●	PROLINE ●●○	ALPHALINE ●○○
	Hardness/lifetime	○○●●●●	○●●●●●	○○●●●●	○○○○●●	○●●●●●
Granite / Hard natural stone		●	●	●		
Concrete / Exposed aggregate concrete		●	●	◐		
Building materials / Brick		●		◐	●	●
High fired clinker / Slate		◐			◐	◐

mm: 12,0

LD4

TOPLINE ●●●

●●●●○○ Lifetime
●●●○○ Cutting ability

Diamond cutting disc with an aggressive cut. Above-average performance in prolonged use for demanding user requirements.

- Short cutting times through turbo cutting edge
- High diamond concentration
- Long lifetime

LD4

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 12.0 × 2.2 × 22.23	13285	1	303160	PK10	4011890057834
125 × 12.0 × 2.2 × 22.23	12200	1	303161	PK10	4011890057841
150 × 12.0 × 2.4 × 22.23	10185	1	303162	PK10	4011890057858
180 × 12.0 × 2.4 × 22.23	8600	1	303163	PK10	4011890057865
230 × 12.0 × 2.4 × 22.23	6600	1	303164	PK10	4011890057872

DG100 MATRIX

TOPLINE ●●●

mm: 10,0

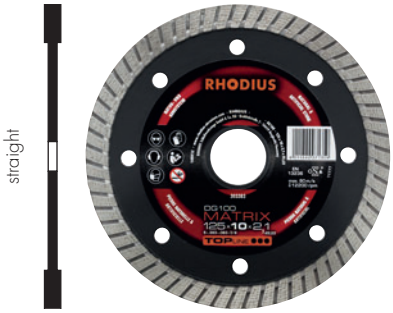
Lifetime ●●●●●○
Cutting ability ●●●●●○

Homogeneous diamond arrangement ensures consistent performance while increasing lifetime and stock removal performance by up to 70%. Diamond cutting disc with turbo cutting edge.

- Patented, self-sharpening diamonds
- Prevents premature chipping of individual diamonds
- High cutting speed

DG100 MATRIX

				Product category	EAN/pc. GTIN/pc.
115 × 10.0 × 2.1 × 22.23	13285	1	303382	PK10	4011890071342
125 × 10.0 × 2.1 × 22.23	12200	1	303383	PK10	4011890071359
230 × 10.0 × 2.8 × 22.23	6600	1	303386	PK10	4011890071380



DG35

PROLINE ●●○

mm: 7,5

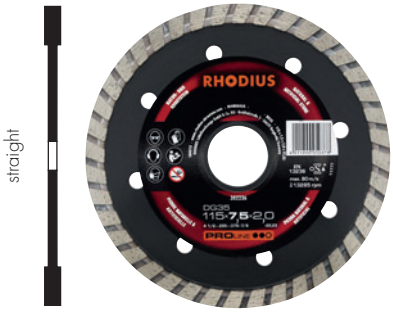
Lifetime ●●●●○○
Cutting ability ●●●○○○

Diamond cutting disc with turbo cutting edge.

- Short cutting time
- Good lifetime
- Wet and dry cutting

DG35

				Product category	EAN/pc. GTIN/pc.
115 × 7.5 × 2.0 × 22.23	13285	1	302236	PK10	4011890050378
125 × 7.5 × 2.0 × 22.23	12200	1	302239	PK10	4011890050385
180 × 7.5 × 2.3 × 22.23	8600	1	302242	PK10	4011890050392
230 × 7.5 × 2.5 × 22.23	6600	1	302245	PK10	4011890050408



mm: 7,0

DG55

ALPHALINE ●○○

●●○○○○ Lifetime
●●○○○○ Cutting ability

Easy-cutting all-rounder offering excellent price-performance ratio. Diamond cutting disc with turbo cutting edge.

- Short cutting time
- Low dust development
- Wet and dry cutting

DG55

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 1.9 × 22.23	13285	1	303402	PK10	4011890071816
125 × 7.0 × 1.9 × 22.23	12200	1	303404	PK10	4011890071823
150 × 7.0 × 2.2 × 22.23	10185	1	303406	PK10	4011890071830
180 × 7.0 × 2.2 × 22.23	8600	1	303408	PK10	4011890071847
230 × 7.0 × 2.5 × 22.23	6600	1	303410	PK10	4011890071854

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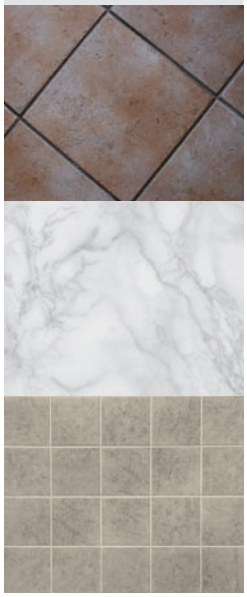


DIAMOND CUTTING DISCS / **TILES, CERAMICS**

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals
- ●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

- ● = especially suitable
- ◐ = suitable
- ○ = less suitable

Material examples	Hardness/ lifetime	DG10	DG15	LD1	DG25	DG45	DG50
Quality level		TOPLINE ●●●	TOPLINE ●●●	TOPLINE ●●●	PROLINE ●●○	PROLINE ●●○	ALPHALINE ●○○
Hard fired tiles / Stoneware		●	●	●			
Tiles / Ceramic		●	●	●		●	●
Marble (tiles) / Plastic / FRP		◐	◐		●		

≤ 230 mm (80 m/s) ≥ 300 mm (100 m/s)

DG10

TOPLINE ●●●

mm: 7,5

Lifetime ●●●●●○
Cutting ability ●●●●●●

Thin diamond cutting disc with closed turbo cutting edge.

- Short cutting time
- Low dust development
- Wet and dry cutting

DG10

				Product category	EAN/pc. GTIN/pc.
115 × 7.5 × 1.4 × 22.23 1)	13285	1	303606	PK10	4011890082256
125 × 7.5 × 1.4 × 22.23 1)	12200	1	303754	PK10	4011890087695
230 × 7.5 × 2.0 × 22.23 2)	6600	1	303607	PK10	4011890082263
300 × 7.5 × 2.0 × 25.40 2)	6365	1	303608	PK10	4011890082270
350 × 7.5 × 2.0 × 25.40 2)	5460	1	303609	PK10	4011890082287

mm: 10,0

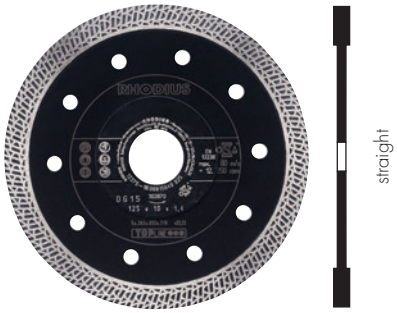
DG15

TOPLINE ●●●

●●●●●○ Lifetime
●●●●●● Cutting ability

Thin diamond cutting disc with closed turbo cutting edge.

- With reinforced flange
- Specifically for high-fired tiles and ceramics
- Low dust development



DG15

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 10.0 × 1.4 × 22.23	13285	1	303900	PK10	4011890097670
125 × 10.0 × 1.4 × 22.23	12200	1	303870	PK10	4011890095638

mm: 5,0

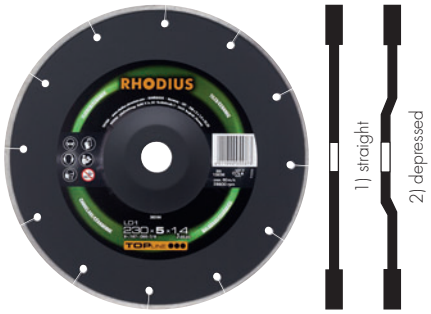
LD1

TOPLINE ●●●

●●●●○○ Lifetime
●●●●●○ Cutting ability

Extra-thin diamond cutting disc. Extremely fast cut.

- Clean cutting edges
- Short cutting time
- Low dust development



LD1

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 5.0 × 1.2 × 22.23 [1]	13285	1	303101	PK10	4011890055342
125 × 5.0 × 1.2 × 22.23 [1]	12200	1	303102	PK10	4011890055359
180 × 5.0 × 1.4 × 22.23 [2]	8600	1	303103	PK10	4011890055366
230 × 5.0 × 1.4 × 22.23 [2]	6600	1	303104	PK10	4011890055373

mm: 7,5

DG45

PROLINE ●●○

●●●○○○ Lifetime
●●●○○○ Cutting ability

Extra-thin diamond cutting disc with closed cutting edge.

- Clean cutting edges
- Short cutting time
- Wet and dry cutting

DG45

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 7.5 × 1.6 × 22.23	13285	1	302390	PK10	4011890038666
125 × 7.5 × 1.6 × 22.23	12200	1	302393	PK10	4011890049754

DG25

PROLINE ●●○

mm: 3,0

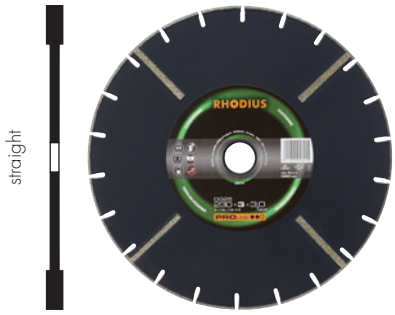
Lifetime ●●○○○○
Cutting ability ●●●○○○

High-performance diamond cutting disc with short cutting times for marble.

- Short cutting time
- Long lifetime
- Wet and dry cutting

DG25

				Product category	EAN/pc. GTIN/pc.
115 × 3.0 × 2.4 × 22.23	13285	1	303171	PK10	4011890057988
125 × 3.0 × 2.4 × 22.23	12200	1	303172	PK10	4011890057995
180 × 3.0 × 2.6 × 22.23	8600	1	303173	PK10	4011890058008
230 × 3.0 × 3.0 × 22.23	6600	1	303174	PK10	4011890058015



DG50

ALPHALINE ●○○

mm: 5,0

Lifetime ●●○○○○
Cutting ability ●●○○○○

Diamond cutting disc with closed cutting edge for heavy-duty cutting.

- Optimised for use on table saws
- Clean cutting edges
- Low dust development

DG50

				Product category	EAN/pc. GTIN/pc.
115 × 5.0 × 1.6 × 22.23	13285	1	303053	PK10	4011890054062
125 × 5.0 × 1.6 × 22.23	12200	1	303054	PK10	4011890054079
150 × 5.0 × 1.6 × 22.23	10185	1	303197	PK10	4011890059388
180 × 5.0 × 1.6 × 22.23	8600	1	303055	PK10	4011890054086
180 × 5.0 × 1.6 × 25.40	8600	1	303056	PK10	4011890054093
180 × 5.0 × 1.6 × 30.00*	8600	1	303710	PK10	4011890084571
200 × 5.0 × 1.6 × 30.00*	7640	1	303711	PK10	4011890084588
230 × 5.0 × 1.6 × 22.23	6600	1	303057	PK10	4011890054109
230 × 5.0 × 1.6 × 25.40	6600	1	303058	PK10	4011890054116

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

DIAMOND CUP WHEELS / **ANGLE GRINDERS**

Explanation of symbols

- Stainless steel
- Steel
- Non-ferrous metals
- Stone
- Cast iron

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

	Reference	DS1	DS2	DS10	DS40	DS41
	Quality level	TOPLINE ●●●	TOPLINE ●●●	PROLINE ●●○	ALPHALINE ●○○	ALPHALINE ●○○
Material examples	Hardness/ lifetime	○●●●●●	○●●●●●	○○●●●●	○○●●●●	○○●●●●
Concrete universal / Granite		●	●	◐		
Building materials			●	●	●	◐
Abrasive materials / Floor pavement			◐	◐	◐	●

mm: 5,0

DS1

TOPLINE ●●●

80 m/s

●●●●●○ Lifetime
●●●●●● Stock removal

High-performance diamond cup wheel with forged segments featuring high concentration of diamonds.

- Maximum stock removal performance
- Ideal for levelling formwork joints

Also suitable for Hilti machines

DS1

	U/min			Product category	EAN/pc. GTIN/pc.
115 × 5.0 × 8.0 × 22.23	13285	1	303868	PK10	4011890095614
125 × 5.0 × 8.0 × 22.23	12200	1	303504	PK10	4011890072479
150 × 5.0 × 8.0 × 19.00	10185	1	303869	PK10	4011890095621
180 × 5.0 × 8.0 × 22.23	8600	1	303506	PK10	4011890072486

DS2

TOPLINE

mm: 5,0

Lifetime
Stock removal

Diamond cup wheel for work on building materials.

- High stock removal performance
- Good dust removal

Special adapter for Hilti machines

DS2

				Product category	EAN/pc. GTIN/pc.
150 × 5.0 × 8.0 × 19.00	10185	1	303765	PK10	4011890089989

Diamond cup wheel

DS10

PROLINE

mm: 5,0

Lifetime
Stock removal

Twin-row diamond cup wheel. Ideal for levelling formwork joints.

- High concentration of diamonds
- Long lifetime
- Aggressive grinding

DS10

				Product category	EAN/pc. GTIN/pc.
100 × 5.0 × 8.0 × 22.23	15280	1	302916	PK10	4011890042724
100 × 5.0 × 8.0 × M14	15280	1	302927	PK10	4011890042793
125 × 5.0 × 8.0 × 22.23	12200	1	302917	PK10	4011890042731
125 × 5.0 × 8.0 × M14	12200	1	302928	PK10	4011890042809
180 × 5.0 × 8.0 × 22.23	8600	1	303766	PK10	4011890089996

Diamond cup wheel

mm: 5,0

DS40

ALPHALINE ●○○

●●●●○○ Lifetime
●●●●○○ Stock removal

Twin-row diamond cup wheel for the cost-conscious professional.

- Good dust removal
- Good stock removal

DS40

				Product category	EAN/pc. GTIN/pc.
100 × 5.0 × 8.0 × 22.23	15280	1	303416	PK10	4011890071885
100 × 5.0 × 8.0 × M14	15280	1	303418	PK10	4011890071892
125 × 5.0 × 7.0 × 22.23	12200	1	303222	PK10	4011890061312

mm: 5,0

DS41

ALPHALINE ●○○

●●●●○○ Lifetime
●●●●○○ Stock removal

Diamond cup wheel with a special segment shape for abrasive materials.

- Prevents clogging
- Excellent dust removal

DS41

				Product category	EAN/pc. GTIN/pc.
100 × 5.0 × 7.0 × M14	15280	1	303760	PK10	4011890087718
125 × 5.0 × 7.0 × 22.23	12200	1	303603	PK10	4011890076989
125 × 5.0 × 7.0 × M14	12200	1	303761	PK10	4011890087725
180 × 5.0 × 7.0 × 22.23	8600	1	303554	PK10	4011890076415

CORE DRILLS

Explanation of symbols

- Stainless steel
- Stone
- Steel
- Cast iron
- Non-ferrous metals

●●●●●○ Points system

Lifetime
The lifetime indicates the maximum number of cuts for a disc.

● = especially suitable
◐ = suitable
○ = less suitable

Material examples	Hardness/ lifetime	CD10	CD15	CD20	CD30	CD40
Reference		CD10	CD15	CD20	CD30	CD40
Quality level		PRO LINE ●●○	PRO LINE ●●○	PRO LINE ●●○	PRO LINE ●●○	PRO LINE ●●○
Concrete / Dense limestone		●	●			
Tiles / Clinker					●	●
Masonry				●		

CD10

PRO LINE ●●○

mm: 10,0

Lifetime ●●●●●○
Stock removal ●●●●○○

Core drill for concrete and high-density limestone.

- Can be used with fitting accessories CDS
- Extremely long service life
- High cutting speed

CD10

				Product category	EAN/pc. GTIN/pc.
68 × 10.0 × 3.5 × M16	2500	1	303419	PK10	4011890071908
82 × 10.0 × 3.5 × M16	2000	1	303420	PK10	4011890071915

mm: 10,0

●●●●●○ Lifetime
●●●●○○ Stock removal

CD15

PROLINE ●●○

Special socket driller with back holes for controlled dust extraction in occupied rooms. Very good cooling of the segments and significant wear reduction due to immediate disposal of waste material. The diamond core drill runs more smoothly and does not jam thanks to less friction at the outer wall. Significantly reduced dust development.

- Universal application in old and new constructions
- Particularly suitable for indoor applications
- Matching extraction 304018

CD15

			Product category	EAN/pc. GTIN/pc.
68 × 10.0 × 3.5 × M16	1	304028	PK10	4011890111185
82 × 10.0 × 3.5 × M16	1	304016	PK10	4011890110430
CD15 extraction	1	304018	PK10	4011890110423

mm: 10,0

●●●●○○ Lifetime
●●●○○○ Stock removal

CD20

PROLINE ●●○

Core drill for masonry.

- Can be used with fitting accessories CDS
- Extremely long service life
- High cutting speed

CD20

	U/min			Product category	EAN/pc. GTIN/pc.
68 × 10.0 × 3.5 × M16	2500	1	303421	PK10	4011890071922
82 × 10.0 × 3.5 × M16	2000	1	303422	PK10	4011890071939

CDS

PROLINE ●●○

Matching accessory for CD10 / CD20 core drill.

- Matched to core drill

CDS

			Product category	EAN/pc. GTIN/pc.
SDS adapter	1	303509	PK10	4011890072509
6-point adapter	1	303510	PK10	4011890072516
Centre drill	1	303511	PK10	4011890011041
Drilling support	1	303860	PK10	4011890095553

CD30

PROLINE ●●○

mm: 15,0

Lifetime ●●●●●○
Stock removal ●●●●○○

Tile drill bit for use on angle grinders with an M14 thread.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

CD30

				Product category	EAN/pc. GTIN/pc.
6 × 35 × 15.0 × 3 × M14	11000	1	303842	PK10	4011890095256
8 × 35 × 15.0 × 3 × M14	11000	1	303843	PK10	4011890095263
10 × 35 × 15.0 × 3 × M14	11000	1	303844	PK10	4011890095270
12 × 35 × 15.0 × 3 × M14	11000	1	303845	PK10	4011890095287
14 × 35 × 15.0 × 3 × M14	11000	1	303846	PK10	4011890095294
16 × 35 × 15.0 × 3 × M14	11000	1	303847	PK10	4011890095300
25 × 45 × 15.0 × 3 × M14	11000	1	303848	PK10	4011890095317
32 × 45 × 15.0 × 3 × M14	11000	1	303849	PK10	4011890095324
38 × 45 × 15.0 × 3 × M14	11000	1	303850	PK10	4011890095331
58 × 45 × 15.0 × 3 × M14	11000	1	303851	PK10	4011890095348
65 × 45 × 15.0 × 3 × M14	11000	1	303852	PK10	4011890095355
70 × 45 × 15.0 × 3 × M14	11000	1	303853	PK10	4011890095362
4-piece set (6, 8, 10, 12 mm)	11000	1	303854	PK10	4011890095379

CD40

PROLINE ●●○

mm: 10,0

Lifetime ●●●●○○
Stock removal ●●●●○○

Tile drill bit for use on drills with a ¼" bit adapter.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

CD40

				Product category	EAN/pc. GTIN/pc.
6 × 6-point - 1/4" bit adapter	3000	1	303855	PK10	4011890095508
8 × 6-point - 1/4" bit adapter	3000	1	303856	PK10	4011890095515
10 × 6-point - 1/4" bit adapter	3000	1	303857	PK10	4011890095522
12 × 6-point - 1/4" bit adapter	3000	1	303858	PK10	4011890095539
14 × 6-point - 1/4" bit adapter	3000	1	303859	PK10	4011890095546
4-piece set (6, 8, 10, drilling support)	3000	1	303861	PK10	4011890095560

PROFESSIONAL TOOL SET
Stainless steel polishing
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TOOL SETS

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STAINLESS STEEL POLISHING

If you often have to polish stainless steel, our professional tool set is just the product you need. It comes with a selection of perfectly-matched products for all stages in your work – from grinding to mirror-finish polishing. This specific selection of products will enable you to quickly and simply get the end result you want. Reduced working revolutions mean that all polishing products in the professional tool set must be used on a 125 mm diameter angle polisher.

Clean the workpiece after every polishing stage with a soft damp cloth and a little washing-up liquid. Ensure that pre-polishing paste residues are removed from the workpiece before starting mirror finishing/final polishing work.

STAINLESS STEEL POLISHING

			Product category	EAN/pc. GTIN/pc.
125	1	209540	PK07	4011890090725

Content:

3 × VISION COOL, 125 mm, K60 (207078)
3 × VSK VISION, 125 mm (209504)
1 × VKSS WS, 125 mm, 4S-very fine (305311)
1 × FLS, 125 mm, D5/H25 (305372)
1 × FLS, 125 mm, D5/H40 (305373)
1 × PASTE, white (353066)
1 × PASTE, blue (353067)

ALUMINIUM RIMS POLISHING

Aluminium rims will sparkle like new after a professional polish. The professional tool set for polishing aluminium rims offers everything you'll need. For larger areas, use the products designed for use with the angle polisher. For more detailed work, additional tools are included with a 6 mm shank. The pastes have been specially formulated for aluminium.

Clean the rim after every polishing stage with a soft damp cloth and a little washing-up liquid. Ensure that pre-polishing paste residues are removed from the rim before starting high-gloss polishing work.

ALUMINIUM RIMS POLISHING

			Product category	EAN/pc. GTIN/pc.
	1	209541	PK07	4011890090732

Content:

2 × VSK VISION, 125 mm (209504)
1 × VKSS WS, 125 mm, 4S-very fine (305311)
1 × FLS, 125 mm, D5/H25 (305372)
1 × FLS, 125 mm, D5/H40 (305373)
1 × VSK, 40 × 30 × 6, fine (305319)
2 × VSK GS, 40 × 12 × 6, very fine (305292)
1 × FLPB, 40 × 30 × 6, H25 (305389)
1 × FLPB, 40 × 30 × 6, H40 (305390)
1 × PASTE, brown (353068)
1 × PASTE, blue (353067)

AUTOMOTIVE

This professional tool set offers the right tool for many day-to-day jobs in the car repair shop. The XT8 EXACT cuts thin-walled components almost burr-free. The brushes included make it easier to clean and remove lacquer from workpieces. The XT35 CROSS has been designed for cutting and light grinding work, such as burr removing, in a single operation. The LSZ F VISION offers an unobstructed view of the workpiece to help minimise errors during grinding. This saves time and money, particularly when processing thin-walled components such as mudguards.

AUTOMOTIVE

			Product category	EAN/pc. GTIN/pc.
125	1	209542	PK01	4011890090749

Content:

1 × SRBZ, 115 mm (353077)
1 × STBZ, 65 mm (353085)
3 × VISION COOL, 125 mm, K60 (207078)
5 × XTK8 EXACT, 125 mm (206684)
5 × XTK35 CROSS, 125 mm (208373)

WELD GRINDING

This is a comprehensive set for professional weld grinding, consisting of two brushes and two innovative products from the BRAINTOOLS range. Once welding seams have been cleaned with the brushes, the FUSION ensures that fillet welds are worked easily and efficiently. The product's unique design combines the benefits of a flap disc with those of a rough grinding disc. The soft grinding disc can be profiled and thus adapted perfectly to the fillet weld. The VISION provides a full and unobstructed view of the workpiece weld being worked on. This prevents tarnishing and the removal of too much material.

WELD GRINDING

			Product category	EAN/pc. GTIN/pc.
125	1	209543	PK08	4011890090756

Content:

1 × SRBZ, 115 mm (353083)
1 × SKBZ, 100 mm (353090)
3 × FS1 FUSION, 125 mm × 4 mm, K40 (207829)
2 × FS1 FUSION, 125 mm × 6,5 mm, K40 (207820)
2 × VISION COOL, 125 mm, K40 (207077)
2 × VISION COOL, 125 mm, K60 (207078)
1 × VISION COOL, 125 mm, K80 (207079)

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FFP2

OCCUPATIONAL SAFETY

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SE10

With a panoramic lens for safe working. Stylish! Practical! Comfortable! Lightweight! Safety goggles must be worn at all times during cutting and grinding work. The panoramic lens of the SE10 permits an unrestricted, wide-angle view. Adjustable side clips guarantee an individual fit and the featherweight, one-part non-woven frame combines maximum wearer comfort with fashionable styling. The goggles also offer 99.9% protection against UV radiation. These quality safety goggles are safety tested and bear the EN 166-F CE mark.

SE10

Reference			Product category	EAN/pc. GTIN/pc.
Safety goggles	1	900383	PKSON	4011890061916

SE20

Protection and comfort. Maximum protection! Top quality! Exemplary workmanship! Modern design! Grinding work is especially hard on your ears. The SE20 protects your hearing. The padded steel headband can take even the roughest handling. The foam padding and flexible, super-soft cushions offer maximum comfort even if worn for prolonged periods of time. Size can be adjusted with telescopic height adjustment. SNR (signal-to-noise ratio) 32.

SE20

Reference			Product category	EAN/pc. GTIN/pc.
Ear muffs	1	900384	PKSON	4011890061886

SE30

The safe protection for your best tool – your hands. The sturdy all-leather working gloves are made of high-grade calf leather and are suitable for all kinds of heavy-duty work. These soft well-processed gloves offer excellent wearer comfort and a firm grip.Tested according to EN 388.

SE30

Reference			Product category	EAN/pc. GTIN/pc.
Leather gloves	12	900385	PKSON	4011890061909

SE40

For use when working with dusts, smoke and water-based aerosols at concentrations up to 10x the threshold limit value (TLV). The ActivForm design lets the mask adjust automatically to the wearer's personal face shape. The special outer structure keeps the mask in optimum shape during the entire period of use. The exhale valve prevents glasses fogging up during expiration – ideal for use when wearing prescription lenses or safety goggles.

SE40

Reference			Product category	EAN/pc. GTIN/pc.
Dust mask	20	900386	PKSON	4011890061923

TRAINING AND PRODUCT PRES-ENTATIONS

Understanding the theory plus hands-on work with our products as part of our application-oriented support

TANDEM VISITS

on-site at your customer

SUPP

IN-HOUSE FAIRS

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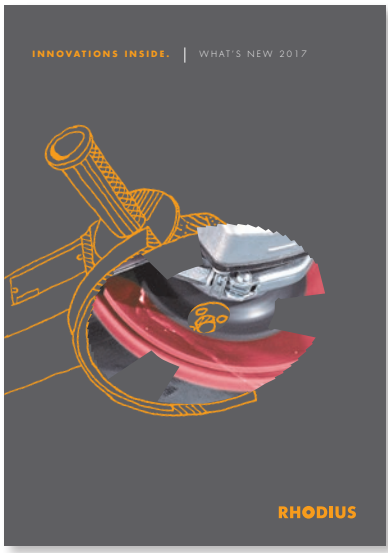

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PORT

for retail partners

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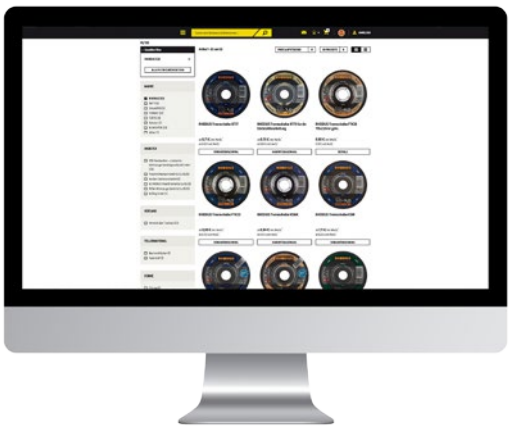

Uniform presentation also for your own online shop.

2.614

Last updated: October 2017

ITEMS OF DIGITALISED DATA

across the complete product range

16 LANGUAGES AND COUNTRY VERSIONS

stored for all digitalised products

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with the VISION SPEED, for example:
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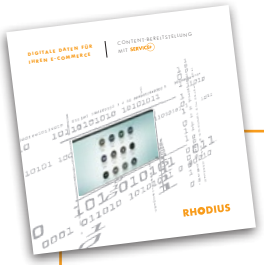

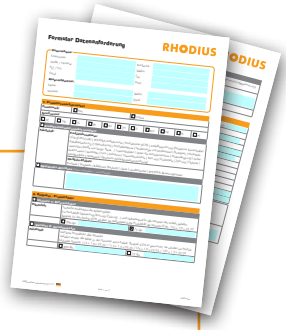

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NEWS

RHODIUS maintains a continuous programme of research and development work to ensure that we can always offer you new, ultramodern grinding technology and tailor-made solutions.

This year, we've once again made some additions to our range:

EXTRA THIN

XTK6 EXACT

The world's thinnest cutting disc.

One-of-a-kind clean, low-burr and high-precision cutting, ensuring less rework even on extremely hard materials.

More on page 053

EXTENDED

+30%

XT10 EXTENDED

Sharp from the start.

A very quiet, smooth cut – for considerably more cuts per disc and significantly greater user comfort.

More on page 058

TOPLINE

LGA ALU

Flap disc for clean grinding work on aluminium.

No clogging and a guaranteed clean surface finish on aluminium and other clog-prone materials.

More on page 152

Patented in combination with the All in One

RH403S

A 50% faster finish.

The unique combination of machine and diamond cutting disc, for tailor-made milling of wall slots without rework.

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EXPLANATION
OF SYMBOLS

Machines

- Freehand angle grinder
- Freehand angle grinder with special hood
- Straight grinder
- Petrol-driven cutting machine
- Chop saw
- Stone and joint saw
- Stationary polishing machine
- Stationary belt grinder
- Long-neck sander
- Manual work
- Stationary cutting/ grinding machine
- Drill
- Rotary sander
- Satin finishing machine
- Belt grinder
- Air grinder
- Wall chaser
- Table saw
- Random orbital sander

Safety and application identification

- Follow safety instructions
- Protective gloves
- Eye protection
- Respiratory protection
- Ear protection
- Iron and sulphur free ≤ 0.1%
- No freehand grinding
- No face grinding
- Do not use damaged disc

Product table

- Dimensions
- Article/order number
- Revolutions
- Wire thickness
- Packing unit
- Grain

Shapes

- Cutting disc flat (shape 41)
- Cutting disc depressed (shape 42)
- Grinding disc (shape 27)
- Grinding disc flat (shape 1)
- Grinding disc flat
- Grinding disc angled
- Backing pad

Wire types

- Flat wire
- Crimped wire
- Knotted wire

EXPLANATION
OF SYMBOLS

Material pictograms and colour coding

Resin-bonded abrasives and others

Stainless steel	Steel	Non-ferrous metals	Stone	Cast iron	Wood	Paints/fillers	GFRP

Diamond tools

Concrete	Asphalt	Tiles/ ceramics	Natural stone	All-round

Dimensions and models

mm: 1,0–1,9	Width in mm for cutting and grinding discs
coarse medium/ fine/	Grain for non-woven discs with abrasive grain
40/60/ 80/120	Grain for flap discs/coated abrasives
mm: 0,20–0,30	Wire thickness in mm
WRC	DIN shape for tungsten carbide burrs
mm: 10,0	Segment height for segmented diamond cutting discs
mm: 7,0	Segment height for diamond cutting discs with closed cutting edge
fine/ coarse	Grain size for grinding bristles with aluminium oxide or silicon carbide

Quality system

TOPLINE ●●●	Best products in their category for maximum performance and quality.
PROLINE ●●○	For particularly high quality requirements in trade and industry.
ALPHALINE ●○○	High-performance grinding tools for the cost-conscious professional.

Technologies

BRAINTOOLS
Very innovative products with unique problem solving competence.

EXTENDED
Performance-optimised series of extra-thin cutting discs for 30% more performance.

CERAMICON
High-performance ceramic grain tools. For industrial high-throughput grinding applications.

HYDRO PROTECT
Abrasive discs with patented HydroProtect technology to safe-guard against moisture-related ageing processes.

VISION
Unique series of flap discs. Transparent when rotating to enable an unimpeded view of the workpiece.

EXTRA THIN
Ultra-thin cutting discs to ensure maximum precision and less rework.

ALLROUNDER
Products that offer special and universal competencies for multiple work applications or steps.

NOTES

General information:

Statements about the scope of delivery and tool appearance, performance or dimensions are given to the best of our knowledge at the time of going to press.

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Burgbrohl, March 2018

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