

**RHODIUS**

**OUR  
CATALOGUE**  
2022/2023

# EXPLANATION OF SYMBOLS

## Machines

 Freehand angle grinder	 Stationary cutting/grinding machine
 Freehand angle grinder with special hood	 Drill
 Straight grinder	 Rotary sander
 Petrol cut-off saw	 Satin finishing machine
 Chop saw	 Belt grinder
 Floor saw	 Flexible shaft drive
 Stationary polishing machine	 Wall chaser
 Stationary belt grinder	 Table saw
 Long-neck sander	 Random orbital sander
 Manual work	











## Safety and application identification

 Follow safety instructions	 Iron- and sulphur-free $\leq 0.1\%$
 Protective gloves	 No freehand grinding
 Eye protection	 No face grinding
 Respiratory protection	 Do not use damaged disc
 Ear protection	 Wet cutting
	 Dry cutting

## Product table

 Dimensions	 Wire thickness
 Article/order number	 Quantity per PU
 Revolutions	 Grain size

## Shapes

 Cutting disc flat (shape 41)	 Grinding disc straight
 Cutting disc depressed (shape 42)	 Grinding disc angled
 Grinding disc (shape 27)	 Backing pad
 Grinding disc flat (shape 1)	 Cup wheel (shape 11)
 4x milling unit	 3x milling unit

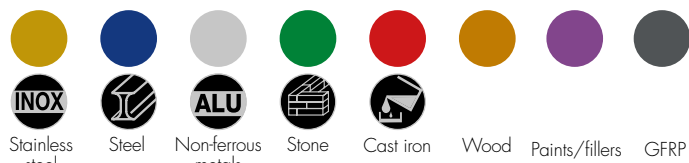
## Wire types

 Flat wire	 Knotted wire
 Crimped wire	

# EXPLANATION OF SYMBOLS

## Material pictograms and colour coding

Resin-bonded abrasives and others



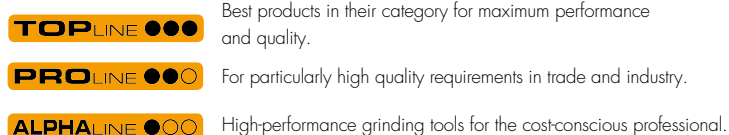
Diamond tools



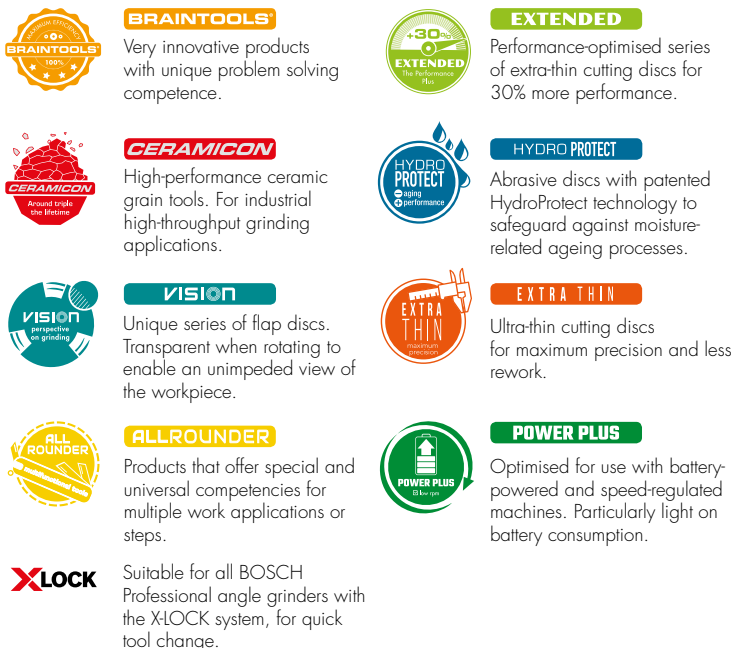
## Dimensions and models



## Quality system



## Technologies



# CONTENTS

Cutting 018

---

Cleaning 054

---

Grinding 094

---

Fine grinding/polishing 112

---

Milling 186

---

Diamond tools 206

---

Occupational safety 234

---



Cutting



Cleaning



Grinding



Fine grinding/  
polishing



Milling



Diamond tools



Occupational safety

# WHERE INNOVATION IS TRADITION.

In 1952, from Manfred Rhodius' inventor's workshop to millions of customers all around the world. The same perseverance and enthusiasm can be found today at RHODIUS. And the ability to comit to something with mind, body, soul and to never become discouraged. To stay with this commitment till the end until the perfect solution is found to make it simpler and more efficient.

Today, RHODIUS sets the pace for progress in cutting and grinding, producing well over 100 million discs every year at its main facility in Burgbrohl.



Where RHODIUS is at home – in the midst of the breath-taking volcanic landscape of the Eifel foothills in Germany. The heartlands of modern innovation.



# FOREWORD



**Bernd Lichter**  
CEO



**Klaus M. Rudolph**  
COO



**Ernst-H. Sager**  
CSO

## SIMPLIFY YOUR WORK

RHODIUS can be found wherever pros are at work. Where it's all about the processing of materials made from metal. And where surfaces need to be ground to perfection. Whatever the application scenario and however demanding the work in hand: Rhodius makes it easier and simply more efficient.

Getting optimum working results simply, safely and speedily – while maximising productivity and cost-effectiveness. Or finally being able to tackle jobs that were never so easy and effortless before. Each and every day, users experience what goes into RHODIUS cutting and grinding tools: they sense the inventive spirit and the intuition – the unique DNA that has informed our expertise from the outset.

In all that we do, we aim to create a real and tangible benefit for our customers. Our proximity to the market – and our innate understanding of what it really needs. Optimised and digitalised processes that automate supplying this demand – both now and in the future. In-depth manufacturing expertise, expressed in production technologies and methods that are one-of-a-kind worldwide – and much more besides.

Yet we stay pragmatic and down-to-earth. In the midst of the whirlwinds of dynamic growth and change, we stay true to what we have always been: straightforward. Something our customers and dealers know from long experience. Our word can be trusted. And whatever the future will bring, it won't change this fact. Our promise, to simplify your work, is much more than just about our products. It's something we also require of our processes, the services that we offer you and our successful digitalisation.

RHODIUS delivers maximum performance direct to your angle grinder. Those looking to make their work simpler and more effective need look no further than our high-performance tools. Then as now – and in the future.

Bernd Lichter

CEO and grandson of Manfred Rhodius

Developed in-house, our manufacturing systems use optimised formulations for unique tools that are ahead of their time.



FACTS AND FIGURES

# RHODIUS

- Head office
- Other facilities

Every day, we simplify work for our Professional Users. Wherever they are in the world. With high-performance machining and processing tools that focus on working with metal and stone. With premium service and an aftersales team that offers expert and proactive support for you as an end user or dealer. Our benchmark, as always, is "Your satisfaction as our customer".

Formation

**1952**

Head office

**BURGBROHL**

Employees

**313**

Annual turnover (in EUR million)

**63,5**

Export ratio (to more than 100 countries)

**70 %**

Nationalities

**29**



# THERE FOR YOU



## Applications Engineering Support

When and where you need us. Seasoned applications engineers with in-depth industry expertise.



## Know-how transfer

Training for our partners in B2B, the skilled trades and manufacturing. At the RHODIUS Competence-Center in Burgbrohl or on-site at your premises.



## Satisfaction guarantee

We make it easy for you to decide. Our no-risk guarantee.



DEALER SUPPORT

# AS INDIVIDUAL AS YOUR CUSTOMERS.

As a dealer, you can depend on our straightforward and reliable RHODIUS processes. Day in and day out.



## **RHODIUS Competence Center**

The know-how you need in the shortest possible time. Recommend the right product to maximise customer satisfaction.

No-frills, real-world advice to power up your pre-sales. Our compact training units let you deepen your product know-how with decisive grinding try-outs that really show you the difference. Our focused input puts an edge on your technical expertise, making the job of advising your professional users as simple for you as possible.

Our Burgbrohl factory tours give you first-hand experience of how Made-in-Germany quality is created.



## **RHODIUS Sales promotion**

The RHODIUS brand actively promotes your sales with pro quality and made-to-measure services. Benefit from our tailor-made solutions as our retail partner.

Simplicity and flexibility through and through, individually customised to your needs and sales premises: we offer you high-quality, modular merchandise presentation systems that are designed to meet the physical needs of your shop floor. This allows us to maximise your product density while ensuring its attractive and well-structured presentation.

Suitable for almost any volume of merchandise – and also usable as a storage space rather than a sales area – our marketing kits are provided.



## RHODIUS Sales advice

Work with top-quality tools is only successful if you know how to use them: our training gives dealers and end users the chance to try out our products, and experience their impressive capabilities for themselves.

Our live demos literally bring our 'Simplify your work' performance guarantee to life.

We know all about the requirements that professional users have for the grinding tools they use in their day-to-day work. So we provide retail partners with individual, application-specific advice for their discerning customers, which can also include joint site visits to the client.



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We also organise live product demos for successful sales promotions at our in-house trade shows and at local dealer roadshows.

DEALER SUPPORT  
DIGITAL PRODUCT DATA

# 360° QUALITY

WITH **SERVICE+**

We want to ensure that our dealers receive an optimum level of product advice and sales support. Whenever and wherever they need it. Which is why we support our sales networks with a comprehensive and integrated package of up-to-date product data and imagery.

## Find out more or apply for our data form

Simply mail us for a copy of our 'Digital Data' brochure or ask via data request form.

**service@rhodius.de**

The powerful system that drives RHODIUS data provisioning: thanks to our PIM and MAM system, enjoy the peace of mind that comes from quick and easy access to correct, up-to-date information.



## COHERENT AND CONSISTENT

From catalogues to imagery and videos, you'll find everything you need on our marketing information platform OXOMI\*.

\* Now available for selected languages. Please contact us for details.



- Products: 290
- Articles: 1,941
- Attributes: 476
- Languages/versions: 16
- Product and application imagery: 4,609
- Videos: 224

RHODIUS QUALITY GUARANTEE

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

**Helmut Steinmetzler**  
Head of Quality Assurance



RHODIUS production techniques are unique. Almost all of our cutting and grinding tools are manufactured with the help of our high-performance, automated machine pool that we designed and developed in-house. This creates high-end products under one roof that meet stringent quality requirements and offer maximum safety.

As one of the leading manufacturers of grinding tools, RHODIUS meets and fulfils all national and international legislation, standards and directives. Our quality management system is certified to EN ISO 9001 and EN ISO 50001, guaranteeing full compliance with applicable regulations. If used incorrectly or unprofessionally, grinding tools can be a life-threatening hazard. For this reason, European manufacturers, represented by the German Abrasives Association (VDS) and the Federation of European Producers of Abrasives (FEPA),

have drawn up a set of safety guidelines for you as the user. These help to ensure health and safety, and minimise the risk of workplace accidents. We are happy to provide you with a detailed set of downloadable safety recommendations.

The oSa mark shown on our tools is your guarantee that these products have been manufactured according to the stringent oSa standards, which are valid worldwide. All RHODIUS cutting and grinding tools bear this quality mark and therefore meet the very highest safety standards. oSa is the Organisation for the Safety of Abrasives. Leading manufacturers of premium abrasives have joined forces to establish this international organisation in order to document the high safety standards met by their high-quality products.



**Learn more about the safe use of professional grinding and cutting tools:**



# RHODIUS TECHNOLOGIES

## EXTRA THIN

### Greater precision

with minimal burring

> Details on page 248

## EXTENDED

### More performance

ensuring you keep your competitive edge

> Details on page 240

## CERAMICON

### Always sharp, always long-lasting

thanks to ceramic grain

> Details on page 238

## HYDRO PROTECT

### Performance protector

minimises performance loss caused by moisture

> Details on page 256

## POWER PLUS

### Battery-saving

for battery-operated/variable-speed machines

> Details on page 246



### Intuitive product finder

with a simple quality system. 5 steps to the right product.

> Details on page 016

## BRAINTOOLS®

### Clever problem-solvers

with one-of-a-kind benefits for perfect working results

> Details on page 250

## ALLROUNDER

### Genuine all-rounders

complete multiple application steps with just one tool

> Details on page 252

## VISION

### Continuous visual monitoring

avoids costly and time-consuming rework

> Details on page 254



# 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

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

1

## Select type of processing

e.g. 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

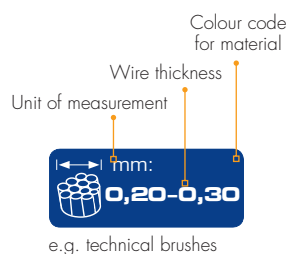
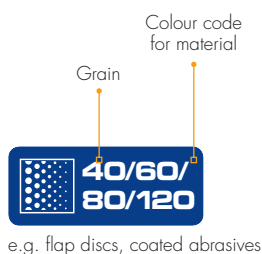
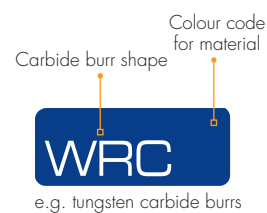
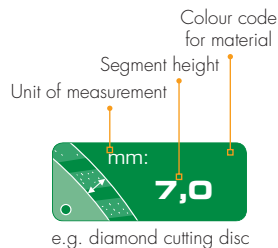
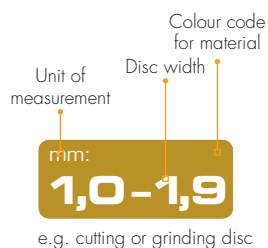


TOP LINE ●●●

5

## Select dimensions and type

Width, cutting edge, shape, grain, wire thickness





# PRODUCT QUICK FINDER

## Cutting

		page	material
Extra-thin cutting discs	XTK6 EXACT	025	● ●
	XTK35 CROSS	026	● ●
	XT8 EXACT MINI	027	● ●
	XT10 MINI	028	● ●
	XT8 EXACT	029	● ●
	ASB XT	028	Accessories
	XT100 EXTENDED	030	● ●
	XT10	031	● ●
	XT38	032	● ●
	XT70	033	● ●
	XT15	035	● ●
	XT200 EXTENDED	036	●
	XT20	037	●
	XT67	037	●
	XT77	038	●
	XT24	039	●
	XT66	040	● ● ●
	XTK69 MULTI CROSS	041	● ● ● ●
	XT69 MULTI	042	● ● ● ●
	Freehand cutting discs	FT38	043
FT26		044	● ●
FT67		045	●
FT33		046	●
KSM		047	●
FT30		047	●
FT24		048	●
FT44		049	● ● ●
FT40		050	● ● ●
Stationary cutting discs		ST38	051
	ST56	052	●
	ST34	053	●
	ST21	053	●

## Cleaning

		page	material
Non-woven cleaning abrasives	SVS HD	056	● ● ● ●
	SVS	057	● ● ● ●
	SVS Mini	057	● ● ● ●
	SVS GS	058	● ● ● ●
	SVS PIN	058	Accessories
Wheel brushes	ERBZ	064	● ●
	ERBW	065	● ● ●

		page	material
Wheel brushes	ERBWB	065	● ● ●
	SRBZ	066	●
	SRBZGS	067	●
	SRBWGS	067	●
	SRBWB	068	●
	SRBWST	069	●
	HRB	070	● ● ● ●
Cup brushes	ETBZ	071	● ●
	ETBW	072	● ● ●
	STBZ	073	●
	STBZ S	074	●
	STBW	074	●
	STBWGS	075	●
	STBWB	076	●
	HTB	077	● ● ● ●
Bevel brushes	EKBZ	078	● ●
	EKBW	079	● ● ●
	SKBZ	080	●
End brushes	SKBW	081	●
	EPBZ	082	● ●
	EPBW	083	● ● ●
	SPBZ	084	●
	SPBW	085	●
Hand scratch brushes	HPB	086	● ● ● ●
	EHBG	087	● ●
	EHBW	088	● ● ●
	UHBW	088	● ● ●
	EKNB	089	● ●
	SHBG	090	●
	BSBG	091	●
	SKNB	091	●
	MHBW	092	● ● ●
	ZKB	093	●
BSBW	093	●	

## Grinding

		page	material
Grinding discs	FS1 FUSION	098	● ●
	RS580 EXTENDED	099	● ●
	RS480	100	● ●
	RS38	101	● ●
	RS28	102	● ●
	RS50 LONGLIFE	103	●
	RS67	104	●

		page	material
Grinding discs	RS2	104	●
	RS22	105	●
	KSM	106	●
	RS24	107	●
	RS66	108	● ●
Cup wheels	NK	109	●
	SIC	111	● ●
Grinding wheels	SR15	110	●

## Grinding/polishing

		page	material
Flap discs*	VISION SPEED	120	● ● ●
	VISION COOL	121	● ● ●
	VISION PRO	122	● ●
	VSK VISION	123	● ● ●
	JUMBO SPEED EXTENDED	124	● ●
	JUMBO LONGLIFE EXTENDED	126	● ●
	LSK FK	127	● ●
	LSZ F EXTENDED	129	● ● ●
	LSZ F1	130	● ● ●
	LSZ P1	132	● ● ●
	LSZ F2	131	● ● ●
	LSZ F3	133	● ● ●
	LSZ FB	134	● ●
	LSA F1	135	● ●
	LSA P1	135	●
	LGA ALU	136	●
Non-woven flap discs	VLS	138	● ● ●
	VSK F	137	● ● ●
Fibre discs	KFK	139	● ●
	KFZ	140	● ●
	KFS	141	●
	SFA	142	●
	SFC	142	● ●
	RH TURBO & RHST	143	Accessories
Abrasive belts	ESB CL	145	● ●
	ESB ZL	146	● ●
	ESB KK	147	● ●
	ESB V	147	● ● ●
	ESB CX	148	● ●
	ESB ZX	148	● ●
ESB KX	149	●	

\*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. Exceptions: LGA ALU

# PRODUCT QUICK FINDER

Abrasive sleeves	ESH	150	
	SSH	151	
	SHEK	151	Accessories
Flap wheels	SLR	152	
	FS K	153	
	FS MINI	153	
	FS	153	
Non-woven flap wheels	VSK	155	
	VS	156	
Drums	SVSW	157	
	LW	158	
	VWK	158	
	VW	159	
	FW	159	
Quick-Change Discs	SVS QUICK HD	160	
	LSZ QUICK	161	
	KFK QUICK	161	
	KFZ QUICK	162	
	KFS QUICK	162	
	VLS QUICK	163	
	VKS QUICK	163	
	RH QUICK	164	Accessories
Rolls	SPBR	165	
	KERR	167	
	KFPR	167	
Abrasive sheets	KKBR	168	
	WSP	169	
Self-fastening discs	KFPB	169	
	KGK V	170	
	KSN V	171	
	KSF15 V	172	
	SKP15 V	172	
	SKP15 WHITE V	173	
	RH15 V	173	Accessories
	ZSKP V	174	
	KERR V F/B	174	
	VLS V	175	
RH V & RHST V	176	Accessories	
Non-woven abrasives	VLSR	177	
	VLS PAD	178	
Unfinished discs	VKS KN	179	
	VKSG WS	180	
Felt polishing flap discs	FLS	182	
	FLP	183	

Satin finish/polishing rings	SAT	183	
	POL	184	
	ESD	184	Accessories
Pastes	PASTE	185	

## Milling

	page	material	
Carbide burrs	HF A	190	
	HF B	191	
	HF C	193	
	HF D	194	
	HF E	196	
	HF F	197	
	HF G	198	
	HF H	200	
	HF J	201	
	HF K	201	
	HF L	202	
	HF M	203	
	HF SET	205	

## Diamond tools

	page	reference	
Cutting discs	LD403S/LD404 ALL IN ONE	212	
	RH403S	213	Machine
	LD300	214	
	LD200 SPEED	215	
	LD45	216	
	LD40	216	
	LD50	217	
	DG70	217	
	DG210 ALLCUT	218	
	LD70	219	
	LD60	220	
	LD410 SPEED	221	
	LD4	222	
	DG35	222	
	DG55	223	
	DG10	224	
	DG15	225	
	LD1	225	

Cutting discs	DG45	226	
	DG25	226	
	DG50	227	
Cup wheels	DS1	228	
	DS2	229	
	DS10	229	
	DS40	230	
	DS41	230	
Core drills	CD10	231	
	CD15	232	
	CDS	232	Accessories
Tile drills	CD30	233	
	CD40	233	

## Occupational safety

	page	material	
	SE10	236	Safety goggles
	SE20	236	Ear muffs
	SE30	237	Leather gloves
	SE40	237	Dust mask



# CUTTING

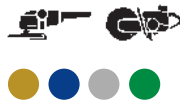
## CONTENTS

### EXTRA-THIN CUTTING DISCS



024

### FREEHAND CUTTING DISCS



043

### STATIONARY CUTTING DISCS



051

### HIGHLIGHTS



#### XTK6 EXACT

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

Page 025



#### 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 026

### SPECIAL TECHNOLOGIES



More information on page 238



More information on page 244



More information on page 250



More information on page 252



More information on page 256

## CUTTING

# 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 $\leq 1.9$ mm

Our extra-thin cutting disc models are identified with the product code XT. With a maximum disc thickness 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 discoloration
- Virtually burr-free cut
- Less time-consuming reworks



#### Freehand cutting discs $> 1.9$ mm

Cutting discs with a disc thickness 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 optimum performance of the cutting disc. Identify the output power of your machine and select a matching cutting disc.

		High-power machines start from ...				
		Ø 100	Ø 115	Ø 125	Ø 180	Ø 230
Machine type	Compressed air	> 450 W	> 650 W	> 850 W	> 1600 W	> 1900 W
	Electric	> 550 W	> 1000 W	> 1,200 W	> 2000 W	> 2200 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.



## 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

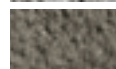


### 4 Mix



#### 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.



V[m/sec ]	50	63	80	100
d1[mm ]	rpm			
30	31830	40105	50900	63660
32	30000	37600	48000	60000
40	23900	30100	38200	47200
50	19100	24100	30600	38200
63	15200	19100	24300	30250
65	14690	18510	23500	29380
75	12700	16000	20300	25400
80	12000	15100	19100	23900
100	9550	12100	15300	19100
105	9550	12100	15300	19100
110	8680	10940	13890	17360
115	8350	10500	13300	16650

V[m/sec ]	50	63	80	100
d1[mm ]	rpm			
125	7650	9650	12250	15300
150	6400	8050	10200	12700
180	5350	6700	8500	10650
200	4800	6050	7650	9550
230	4200	5250	6650	8350
235	4200	5250	6650	8350
250	3850	4850	6150	7650
300	3200	4050	5100	6400
350/356	2750	3450	4400	5500
400/406	2400	3050	3850	4800
450/457	2150	2700	3400	4250
500/508	1950	2450	3100	3850
600/610	1600	2050	2250	3200



Further application tips for our cutting discs can be found at [www.sharpgrinding.com](http://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

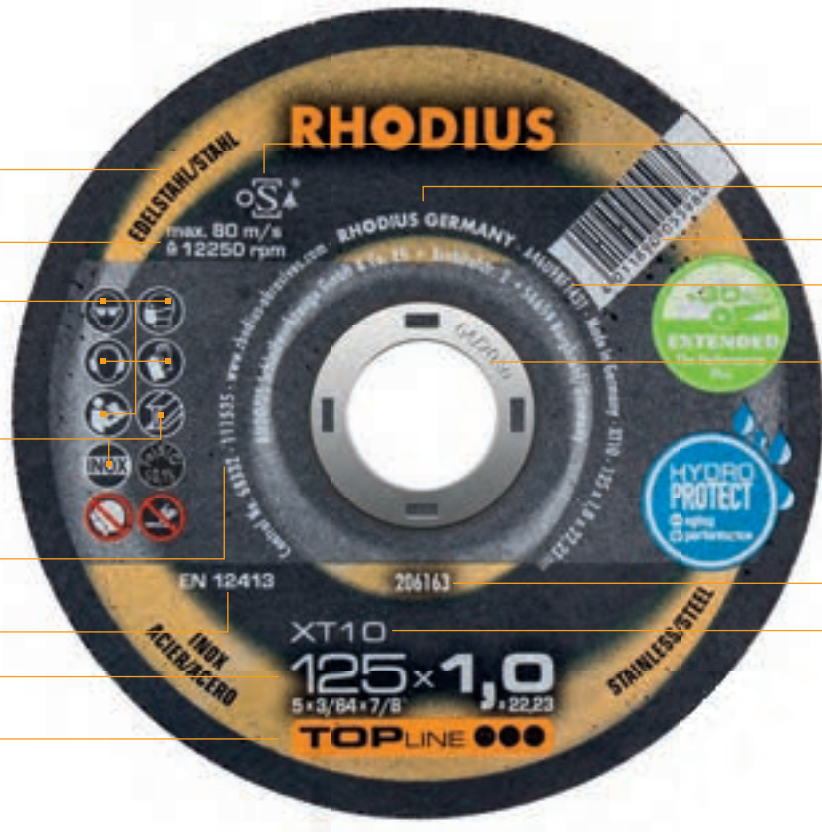
Disc width

## Quality reference

**TOP**LINE ●●●

**PRO**LINE ●●○

**ALPHA**LINE ●○●



### 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. 023

### 7 EAN barcode

### 8 oSa mark see p. 012

### 9 European standard for bonded abrasive products

### 10 Maximal permissible working speed see p. 022

### 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-frangible 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

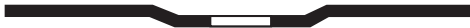
Extra-thin cutting discs have a smaller friction surface. This allows a fast and cool cut.

This avoids discoloration 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 (shape 42) for more stability during the cutting process.



# EFFICIENT CUTTING WITH MAXIMUM PRECISION



## XTK6 EXACT

TOP LINE ●●●

THIN  
0,6

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 ultra thin 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.

**i** Due to its low energy consumption, the XTK6 is especially suited for use with battery-powered machines

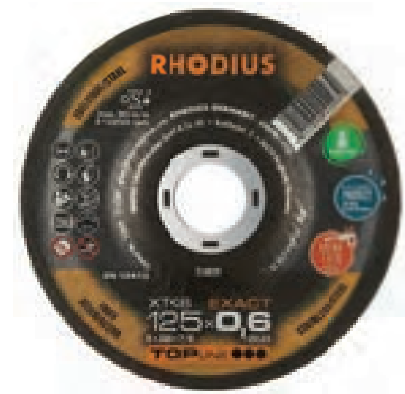
### Material:

- Rust- and acid-protected 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

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



Shape 42		XTK6 EXACT				
⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.	
115 × 0.6 × 22.23	13300	50	210828	PK01	4011890112915	
125 × 0.6 × 22.23	12250	50	210829	PK01	4011890112939	

Abrasive marking according to ISO 525: A60U9BF14252

Shape 42		XTK6 EXACT PACK				
⊕	⊖/min	📦	🖨️	Product category	GTIN/PK EAN/PK	
115 × 0.6 × 22.23	13300	25	211300	PK01	4011890124314	
125 × 0.6 × 22.23	12250	25	211295	PK01	4011890124284	

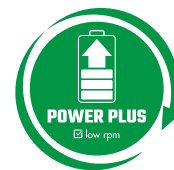
Abrasive marking according to ISO 525: A60U9BF14252

Shape 42		XTK6 EXACT BOX				
⊕	⊖/min	📦	🖨️	Product category	GTIN/PK EAN/PK	
115 × 0.6 × 22.23	13300	10	211301	PK01	4011890124321	
125 × 0.6 × 22.23	12250	10	211302	PK01	4011890124338	

Abrasive marking according to ISO 525: A60U9BF14252



Ideal for sectional repairs with MIG-weld-seams



### XTK6 EXACT IN ACTION:

Watch video now on our Youtube channel.  
[https://rhodi.us/gb\\_watch-xtk6](https://rhodi.us/gb_watch-xtk6)

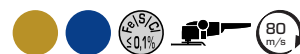
# FOR SAFE CUTTING AND GRINDING IN ONE OPERATION

mm:

**1,9**

## XTK35 CROSS

TOP LINE ●●●



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

The XTK35 CROSS is 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-face fabric layers provide robust reinforcement and superior lateral stability. By simply changing the working angle, grinding work such as burr removing, chamfering and dressing can be carried out directly after cutting without changing disc or machine.

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

Enables cutting and grinding in just 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

	⊕	V <sub>min</sub>	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 1.9 × 22.23	13300	25	208372	PK01	4011890066423
	125 × 1.9 × 22.23	12250	25	208373	PK01	4011890066430

Abrasive marking according to ISO 525: A46U9BF1432



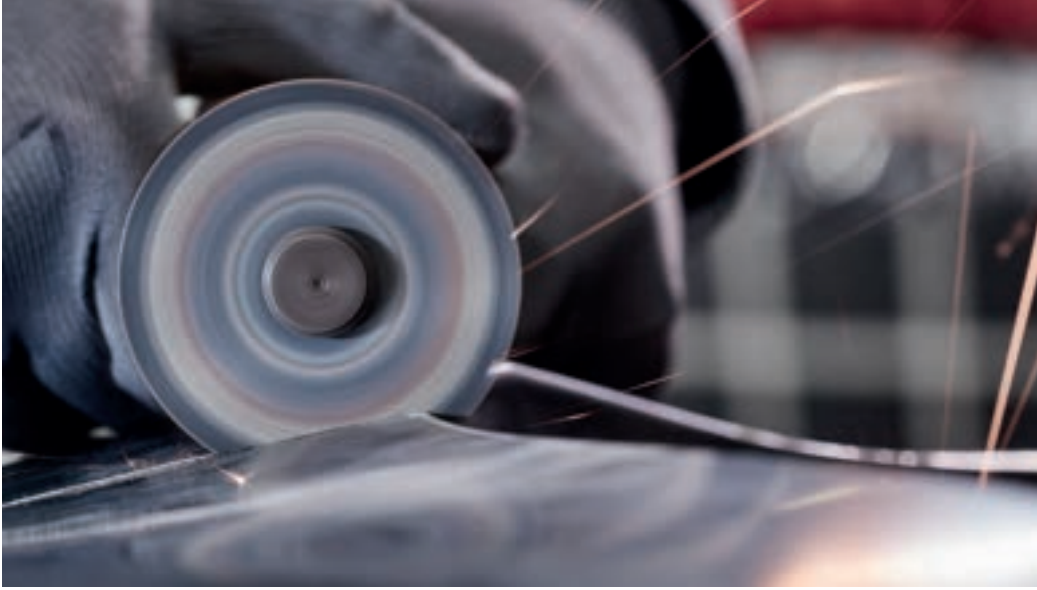
Extra-thin cutting and grinding with one disc



### XTK35 CROSS IN ACTION:

Watch video now on our  
Youtube channel.  
[https://rhodi.us/  
gb\\_watch-xtk35](https://rhodi.us/gb_watch-xtk35)

# 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.

**i** 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

mm:  
**0,8**

**TOPLINE** ●●●



At 0.8 mm, this cutting disc offers an exceptionally precise, clean and almost burr-free cut. Compatible with ASB XT mandrel.

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

**i** Matching mandrel ASB XT see page 028

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

**XT8 EXACT MINI**

				Product category	GTIN/pc. EAN/pc.
30 x 0.8 x 6.00	50900	50	207056	PK01	4011890059838
40 x 0.8 x 6.00	38200	50	207058	PK01	4011890059845
50 x 0.8 x 6.00	30600	50	207060	PK01	4011890059852
65 x 0.8 x 6.00	23500	50	207067	PK01	4011890059890

Abrasive marking according to ISO 525: A60U9BF1433

Shape 41



mm:

**1,0-2,0****XT10 MINI****TOP LINE** ●●●

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

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

- 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	GTIN/pc. EAN/pc.
50 × 1.0 × 6.00	30600	50	206799	PK01	4011890058107
50 × 2.0 × 6.00	30600	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
100 × 1.0 × 10.00	15300	50	205067	PK01	4011890112861

Abrasive marking according to ISO 525: A46U9BF1432

**ASB XT****TOP LINE** ●●●

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	GTIN/pc. EAN/pc.
M6 thread	1	303194	PK01	4011890059326
M10 thread	1	303195	PK01	4011890064733

# EXTRA-THIN 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



## XT8 EXACT

mm: **0,8**

TOPLINE ●●●



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 burr formation for less rework
- Cool cut reduces tarnish colours and material distortion

Lifetime ●●●●○

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



**XLOCK**



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

**XT8 EXACT**

⊕	⚙️	📦	📱	Product category	GTIN/pc. EAN/pc.
115 × 0.8 × 22.23	13300	50	210057	PK01	4011890094983
125 × 0.8 × 22.23	12250	50	210058	PK01	4011890095003

Abrasive marking according to ISO 525: A60U9BF1433

Shape 41





Shape 42

### XTK8 EXACT

					Product category	GTIN/pc. EAN/pc.
115 x 0.8 x 22.23		13300	50	206683	PK01	4011890057643
125 x 0.8 x 22.23		12250	50	206684	PK01	4011890057650

Abrasive marking according to ISO 525: A60U9BF1433



Shape 42

### XTK8 EXACT PACK

					Product category	GTIN/PK EAN/PK
125 x 0.8 x 22.23		12200	25	211077	PK01	4011890123089

Abrasive marking according to ISO 525: A60U9BF1433



Shape 42

### XTK8 EXACT X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 0.8 x 22.23		13300	25	211319	PK01	4011890124550
125 x 0.8 x 22.23		12250	25	211320	PK01	4011890124567

Abrasive marking according to ISO 525: A60U9BF1433

mm:  
**1,0-1,9**

## XT100 EXTENDED

TOP LINE ●●●

- 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 cutting.

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



Shape 41

### XT100 EXTENDED

					Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23		13300	25	210220	PK01	4011890096291
115 x 1.5 x 22.23		13300	25	210221	PK01	4011890096307
125 x 1.0 x 22.23		12250	25	210222	PK01	4011890096314
125 x 1.5 x 22.23		12250	25	210223	PK01	4011890096321
150 x 1.5 x 22.23		10200	25	210224	PK01	4011890096338
180 x 1.5 x 22.23		8500	25	210225	PK01	4011890096345
230 x 1.9 x 22.23		6650	25	210226	PK01	4011890096352

Abrasive marking according to ISO 525: A36U0BF13679

**XT100 EXTENDED X-LOCK**

				Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13300	25	211321	PK01	4011890124574
125 x 1.0 x 22.23	12250	25	211322	PK01	4011890124581

Abrasive marking according to ISO 525: A36U0BF13679

Shape 41



**XT10**

mm: **1,0-1,9**

**TOP LINE**

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 cutting.

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

**XT10**

				Product category	GTIN/pc. EAN/pc.
105 x 1.0 x 15.00*	15300	25	208775	PK01	4011890072547
105 x 1.0 x 16.00	15300	50	209822	PK01	4011890094129
115 x 1.0 x 22.23	13300	50	206162	PK01	4011890055977
115 x 1.5 x 22.23	13300	50	206164	PK01	4011890055991
125 x 1.0 x 22.23	12250	50	206163	PK01	4011890055984
125 x 1.5 x 22.23	12250	50	206165	PK01	4011890056004
150 x 1.5 x 22.23	10200	25	206258	PK01	4011890056103
180 x 1.5 x 22.23	8500	25	206259	PK01	4011890056110
230 x 1.9 x 22.23	6650	25	206260	PK01	4011890056127

Abrasive marking according to ISO 525: A46U9BF1432  
 \*Reducer ring for hole diameter of 10 mm

Shape 41



**XT10 PACK**

				Product category	GTIN/PK EAN/PK
125 x 1.0 x 22.23	12250	25	211294	PK01	4011890124277

Abrasive marking according to ISO 525: A46U9BF1432

Shape 41



**XTK10**

				Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13300	50	206166	PK01	4011890056011
115 x 1.5 x 22.23	13300	50	206168	PK01	4011890056035
125 x 1.0 x 22.23	12250	50	206167	PK01	4011890056028
125 x 1.5 x 22.23	12250	50	206169	PK01	4011890056042
180 x 1.5 x 22.23	8500	25	206262	PK01	4011890056141
230 x 1.9 x 22.23	6650	25	206263	PK01	4011890056158

Abrasive marking according to ISO 525: A46U9BF1432

Shape 42





mm:

**1,0-1,9****XT38****PROLINE**

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

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

- Little bur formation
- High cutting speed
- Fewer sparks



Ideal for low-power machines

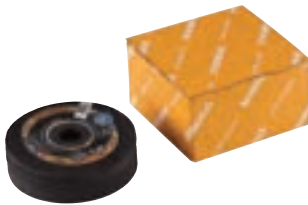
**XLOCK**

Shape 41

**XT38**

				Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23	13300	50	204619	PK01	4011890051580
115 × 1.5 × 22.23	13300	50	203877	PK01	4011890050576
125 × 1.0 × 22.23	12250	50	204621	PK01	4011890051597
125 × 1.5 × 22.23	12250	50	203881	PK01	4011890050583
150 × 1.5 × 22.23	10200	25	205700	PK01	4011890054239
180 × 1.5 × 22.23	8500	25	205701	PK01	4011890054246
230 × 1.9 × 22.23	6650	25	205702	PK01	4011890054253

Abrasive marking according to ISO 525: A46U9BF1415



Shape 41

**XT38 PACK**

				Product category	GTIN/PK EAN/PK
125 × 1.0 × 22.23	12250	25	211575	PK01	4011890127001

Abrasive marking according to ISO 525: A46U9BF1415



Shape 41

**XT38 BOX**

				Product category	GTIN/PK EAN/PK
115 × 1.0 × 22.23	13300	10	210745	PK01	4011890110348
115 × 1.5 × 22.23	13300	10	210746	PK01	4011890110362
125 × 1.0 × 22.23	12250	10	210747	PK01	4011890110386
125 × 1.5 × 22.23	12250	10	210748	PK01	4011890110409

Abrasive marking according to ISO 525: A46U9BF1415



Shape 41

**XT38 X-LOCK**

				Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23	13300	25	211284	PK01	4011890124192
115 × 1.5 × 22.23	13300	25	211285	PK01	4011890124215
125 × 1.0 × 22.23	12250	25	211207	PK01	4011890124123
125 × 1.5 × 22.23	12250	25	211208	PK01	4011890124109

Abrasive marking according to ISO 525: A46U9BF1415

**XTK38**

				Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13300	50	205707	PK01	4011890054307
115 x 1.5 x 22.23	13300	50	205706	PK01	4011890054291
125 x 1.0 x 22.23	12250	50	205705	PK01	4011890054284
125 x 1.5 x 22.23	12250	50	205704	PK01	4011890054277
150 x 1.0 x 22.23	10200	25	209497	PK01	4011890090008
180 x 1.5 x 22.23	8500	25	205721	PK01	4011890054468
230 x 1.9 x 22.23	6650	25	205703	PK01	4011890054260

Shape 42



**XLOCK**

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

- Little burr formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines

**XT70**

mm:  
**1,0-1,9**

ALPHALINE

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

**XT70**

				Product category	GTIN/pc. EAN/pc.
100 x 1.0 x 16.00	15280	50	208697	PK01	4011890071007
115 x 1.0 x 22.23	13300	100	207436	PK01	4011890061343
115 x 1.5 x 22.23	13300	100	207438	PK01	4011890061367
125 x 1.0 x 22.23	12250	100	207437	PK01	4011890061350
125 x 1.5 x 22.23	12250	100	207439	PK01	4011890061374
150 x 1.5 x 22.23	10200	25	211095	PK01	4011890123638

Shape 41



Abrasive marking according to ISO 525: A46T11BF10097

**XT70 PACK**

				Product category	GTIN/PK EAN/PK
115 x 1.0 x 22.23	13300	50	211080	PK01	4011890123119
125 x 1.0 x 22.23	12250	25	211078	PK01	4011890123096
125 x 1.0 x 22.23	12250	50	211081	PK01	4011890123126
125 x 1.5 x 22.23	12250	25	212093	PK01	4011890123102

Shape 41



Abrasive marking according to ISO 525: A46T11BF10097

**XT70 BOX**

				Product category	GTIN/PK EAN/PK
115 x 1.0 x 22.23	13300	10	208225	PK01	4011890063187
115 x 1.5 x 22.23	13300	10	211082	PK01	4011890123133
125 x 1.0 x 22.23	12250	10	208226	PK01	4011890063194
125 x 1.5 x 22.23	12250	10	211083	PK01	4011890123140

Shape 41







Abrasive marking according to ISO 525: A46T11BF10097



Shape 41

### XT70 X-LOCK





				Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23	13300	25	211345	PK01	4011890124857
115 × 1.5 × 22.23	13300	25	211346	PK01	4011890124864
125 × 1.0 × 22.23	12250	25	211347	PK01	4011890124871
125 × 1.5 × 22.23	12250	25	211348	PK01	4011890124888

Abrasive marking according to ISO 525: A46T11BF10097



Shape 42

### XTK70

				Product category	GTIN/pc. EAN/pc.
150 × 1.0 × 22.23	10200	25	209511	PK01	4011890090268
180 × 1.5 × 22.23	8500	25	208121	PK01	4011890064856
230 × 1.9 × 22.23	6650	25	208122	PK01	4011890064863

Abrasive marking according to ISO 525: A46T11BF11058

# CUTTING DISCS / STAINLESS STEEL FOR BATTERY-POWERED GRINDERS



**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. Specifically designed for use with battery-powered angle grinders. High cutting speed. Power-saving operation for an extended battery life.

**i** 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

mm:  
**1,0**

TOPLINE ●●●



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

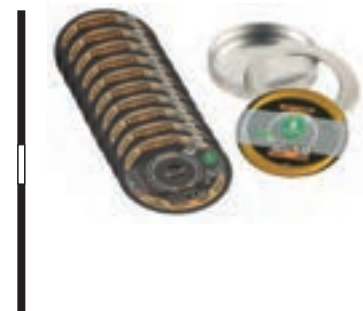
- Optimised for use with battery-powered angle grinders
- High cutting speed

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

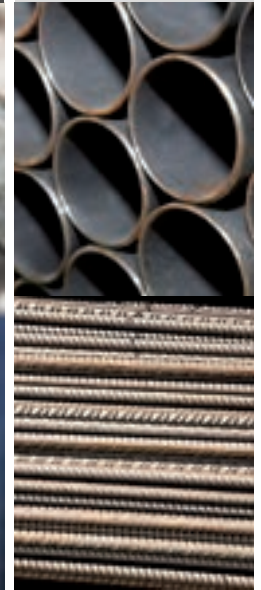
XT15 ACCU BOX					
⊕	1/min	📦	📄	Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13300	10	210247	PK01	4011890096734
125 x 1.0 x 22.23	12250	10	210248	PK01	4011890096758

Abrasive marking according to ISO 525: A46U9BF3797

Shape 41



# STATIONARY CUTTING DISCS / STEEL



**i** 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 EXTENDED

TOP LINE ●●●

- 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.

- Reduced burr formation
- High cutting speed
- For particularly hard and tough steels



Shape 41

### XT200 EXTENDED

	⊕	⊖	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 1.0 × 22.23	13300	25	210227	PK01	4011890096369
	115 × 1.5 × 22.23	13300	25	210228	PK01	4011890096376
	125 × 1.0 × 22.23	12250	25	210229	PK01	4011890096383
	125 × 1.5 × 22.23	12250	25	210230	PK01	4011890096390
	150 × 1.5 × 22.23	10200	25	210231	PK01	4011890096406
	180 × 1.5 × 22.23	8500	25	210232	PK01	4011890096413
	230 × 1.9 × 22.23	6650	25	210233	PK01	4011890096420

Abrasive marking according to ISO 525: 78A36U0BF13682



# XT20

mm: **1,0-1,9**

TOP LINE ●●●



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

- Little burr formation
- High cutting speed
- Fewer sparks

**i** Ideal for low-power machines

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



Shape 41



Shape 42

XT20						
⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.	
115 × 1.0 × 22.23	13300	50	206170	PK01	4011890056059	
115 × 1.5 × 22.23	13300	50	206172	PK01	4011890056073	
125 × 1.0 × 22.23	12250	50	206171	PK01	4011890056066	
125 × 1.5 × 22.23	12250	50	206173	PK01	4011890056080	
150 × 1.5 × 22.23	10200	25	206264	PK01	4011890056165	
180 × 1.5 × 22.23	8500	25	206265	PK01	4011890056172	
230 × 1.9 × 22.23	6650	25	206266	PK01	4011890056189	

Abrasive marking according to ISO 525: A46U9BF1430

XTK20						
⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.	
230 × 1.9 × 22.23	6650	25	206313	PK01	4011890056387	

Abrasive marking according to ISO 525: A46U9BF14333



# XT67

mm: **1,0-1,9**

PRO LINE ●●●○



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

- Little burr formation
- High cutting speed
- Fewer sparks

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



Shape 41

XT67						
⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.	
115 × 1.0 × 22.23	13300	50	205425	PK01	4011890053201	
115 × 1.5 × 22.23	13300	50	202378	PK01	4011890043288	
125 × 1.0 × 22.23	12250	50	205426	PK01	4011890053218	
125 × 1.5 × 22.23	12250	50	202384	PK01	4011890043301	
150 × 1.5 × 22.23	10200	25	205709	PK01	4011890054321	
180 × 1.5 × 22.23	8500	25	205710	PK01	4011890054338	
230 × 1.9 × 22.23	6650	25	205711	PK01	4011890054345	

Abrasive marking according to ISO 525: 74A30T1 1BF1367



Shape 41

### XT67 BOX

					Product category	GTIN/PK EAN/PK
115 × 1.0 × 22.23		13300	10	210741	PK01	4011890110263
115 × 1.5 × 22.23		13300	10	210742	PK01	4011890110287
125 × 1.0 × 22.23		12250	10	210743	PK01	4011890110300
125 × 1.5 × 22.23		12250	10	210744	PK01	4011890110324

Abrasive marking according to ISO 525: 74A30T1 1BF1367



Shape 42

### XTK67

					Product category	GTIN/pc. EAN/pc.
125 × 1.5 × 22.23		12250	50	204793	PK01	4011890052105
180 × 1.5 × 22.23		8500	25	206034	PK01	4011890055533
230 × 1.9 × 22.23		6650	25	206773	PK01	4011890057926

Abrasive marking according to ISO 525: 74A30T1 1BF1367

mm:  
**1,0-1,9**

## XT77

ALPHA LINE ●○○



- 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 burr formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines



Shape 41

### XT77

					Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23		13300	100	208698	PK01	4011890071021
115 × 1.5 × 22.23		13300	100	208699	PK01	4011890071038
125 × 1.0 × 22.23		12250	100	208700	PK01	4011890071045
125 × 1.5 × 22.23		12250	100	208701	PK01	4011890071052
150 × 1.5 × 22.23		10200	25	208861	PK01	4011890073766
230 × 1.9 × 22.23		6650	25	209744	PK01	4011890093283

Abrasive marking according to ISO 525: A46M1 1BF11075



Shape 42

### XTK77

					Product category	GTIN/pc. EAN/pc.
180 × 1.5 × 22.23		8500	25	208702	PK01	4011890071069
230 × 1.9 × 22.23		6650	25	208703	PK01	4011890071076

Abrasive marking according to ISO 525: A46M1 1BF11337

# EXTRA-THIN CUTTING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging

**i** 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.



**XT24**

**TOPLINE**

mm:  
**1,0-1,9**



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

- Little burr formation
- High cutting speed

**i** Ideal for low-power machines

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

**XT24**

⊕	U/min	📦	📱	Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23	13300	50	210450	PK01	4011890098806
115 × 1.5 × 22.23	13300	50	205910	PK01	4011890055106
125 × 1.0 × 22.23	12250	50	210451	PK01	4011890098820
125 × 1.5 × 22.23	12250	50	205911	PK01	4011890055113
150 × 1.5 × 22.23	10200	25	205912	PK01	4011890055120
180 × 1.5 × 22.23	8500	25	205913	PK01	4011890055137
230 × 1.9 × 22.23	6650	25	205914	PK01	4011890055144

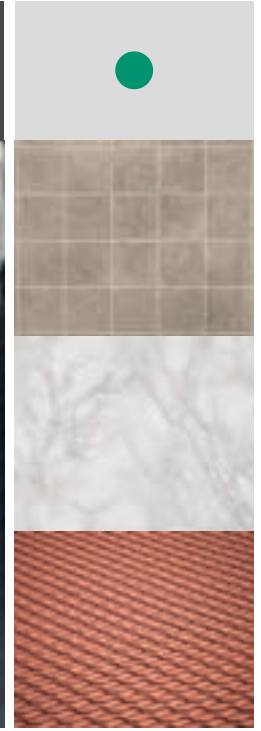
Shape 41



Abrasive marking according to ISO 525: A24P-BF26



## EXTRA-THIN CUTTING DISCS / STONE



**i** 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**

**TOP LINE** ●●●



- 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

**i** Ideal for low-power machines



Shape 41

### XT66

					Product category	GTIN/pc. EAN/pc.
115 × 1.5 × 22.23	13300	50	204625	PK01	4011890051641	
125 × 1.5 × 22.23	12250	50	204624	PK01	4011890051658	
180 × 1.9 × 22.23	8500	25	204623	PK01	4011890051665	
230 × 1.9 × 22.23	6650	25	204622	PK01	4011890051672	

Abrasive marking according to ISO 525: C36R8BF1416



# EXTRA-THIN CUTTING DISCS / ALLCUT



80 m/s



## XTK69 MULTI CROSS

mm: **1,9**

PROLINE ●●●



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

- Extra-thin cutting and grinding with a single disc
- Suitable for a variety of materials
- Three full-face fabric layers for extra safety



**i** Ideal for low-power machines, suitable in some cases for high-fired tiles and clinker

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

### XTK69 MULTI CROSS

⊕	1/min	📦	📄	Product category	GTIN/pc. EAN/pc.
115 x 1.9 x 22.23	13300	25	211458	PK01	4011890126257
125 x 1.9 x 22.23	12250	25	211452	PK01	4011890126233

Abrasive marking according to ISO 525: 49AC46R9BF14639



mm:

**1,0****XT69 MULTI****PRO LINE**

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

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

- Reduced burr formation
- High cutting speed
- Fewer sparks
- Less edge chipping



Ideal for low-power machines



Shape 41

**XT69 MULTI**

				Product category	GTIN/pc. EAN/pc.
105 × 1.0 × 16.00	13300	50	211707	PK01	4011890127605
115 × 1.0 × 22.23	13300	25	211202	PK01	4011890124055
125 × 1.0 × 16.00	12250	50	211706	PK01	4011890127582
125 × 1.0 × 22.23	12250	25	211203	PK01	4011890124079
150 × 1.5 × 22.23	10200	25	212088	PK01	4011890129203
180 × 1.5 × 22.23	8500	25	212089	PK01	4011890129227
230 × 1.9 × 22.23	6650	25	211566	PK01	4011890126820

Abrasive marking according to ISO 525: 49AC46R9BF14639



Shape 41

**XT69 MULTI BOX**

				Product category	GTIN/PK EAN/PK
115 × 1.0 × 22.23	13300	10	211209	PK01	4011890124147
125 × 1.0 × 22.23	12250	10	211211	PK01	4011890124154

Abrasive marking according to ISO 525: 49AC46R9BF14639

# 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



**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**

⊕	⊖/min	📦	📺	Product category	GTIN/pc. EAN/pc.
115 × 2.0 × 22.23	13300	25	207444	PK02	4011890061435
125 × 2.0 × 22.23	12250	25	206377	PK02	4011890056516
125 × 3.0 × 22.23	12250	25	203886	PK02	4011890051351
180 × 2.0 × 22.23	8500	25	206374	PK02	4011890056530
180 × 3.0 × 22.23	8500	25	201113	PK02	4011890005507
230 × 2.5 × 22.23	6650	25	206373	PK02	4011890056547
230 × 3.0 × 22.23	6650	25	201122	PK02	4011890005545

Shape 41



Abrasive marking according to ISO 525: A24U9BF1337



Shape 42

**FTK38**

					Product category	GTIN/pc. EAN/pc.
100 × 2.0 × 16.00		15300	25	201082	PK02	4011890005361
115 × 2.0 × 22.23		13300	25	207440	PK02	4011890061398
115 × 3.0 × 22.23		13300	25	201086	PK02	4011890005392
125 × 2.0 × 22.23		12250	25	207441	PK02	4011890061404
125 × 3.0 × 22.23		12250	25	201095	PK02	4011890005439
180 × 2.0 × 22.23		8500	25	207442	PK02	4011890061411
180 × 3.0 × 22.23		8500	25	201099	PK02	4011890005460
230 × 2.5 × 22.23		6650	25	207443	PK02	4011890061428
230 × 3.0 × 22.23		6650	25	201102	PK02	4011890005484

Abrasive marking according to ISO 525: A24U9BF1338

mm:  
**2,0-2,5**

**FT26**

ALPHA LINE ●○○



- 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	GTIN/pc. EAN/pc.
115 × 2.0 × 22.23		13300	25	208724	PK02	4011890071533
125 × 2.0 × 22.23		12250	25	208725	PK02	4011890071557
180 × 2.0 × 22.23		8500	25	208726	PK02	4011890071571
230 × 2.5 × 22.23		6650	25	208727	PK02	4011890071595

Abrasive marking according to ISO 525: A24R13BF11698



Shape 42

**FTK26**

					Product category	GTIN/pc. EAN/pc.
115 × 2.0 × 22.23		13300	25	208728	PK02	4011890071618
125 × 2.0 × 22.23		12250	25	208729	PK02	4011890071632
180 × 2.0 × 22.23		8500	25	208730	PK02	4011890071656
230 × 2.5 × 22.23		6650	25	208731	PK02	4011890071670

Abrasive marking according to ISO 525: A24R13BF11698

# FREEHAND CUTTING DISCS / STEEL



### Material:

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

**i** RHODIUS steel cutting discs are matched to process carbon steel and produce cost-effective cutting results.



**FT67**

mm:  
**2,5**

**TOPLINE** ●●●

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

⊕	V <sub>min</sub>	📦	🖨️	Product category	GTIN/pc. EAN/pc.
115 × 2.5 × 22.23	13300	25	202390	PK02	4011890012895
125 × 2.5 × 22.23	12250	25	202396	PK02	4011890012932
180 × 2.5 × 22.23	8500	25	202403	PK02	4011890012970
230 × 2.5 × 22.23	6650	25	202417	PK02	4011890013045

Abrasive marking according to ISO 525: 74A30T11BF1367

Shape 41





Shape 42

### FTK67

					Product category	GTIN/pc. EAN/pc.
115 × 2.5 × 22.23		13300	25	202392	PK02	4011890012918
125 × 2.5 × 22.23		12250	25	202398	PK02	4011890012956
180 × 2.5 × 22.23		8500	25	202407	PK02	4011890012994
230 × 2.5 × 22.23		6650	25	202410	PK02	4011890013014

Abrasive marking according to ISO 525: 74A30T1 1BF1379

mm:  
**2,0-3,0**

### FT33

PROLINE ●●○



- 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	GTIN/pc. EAN/pc.
100 × 2.0 × 16.00		15300	25	200736	PK02	4011890003770
115 × 2.0 × 22.23		13300	25	200961	PK02	4011890004784
115 × 3.0 × 22.23		13300	25	200719	PK02	4011890003718
125 × 2.0 × 22.23		12250	25	200969	PK02	4011890004814
125 × 3.0 × 22.23		12250	25	200755	PK02	4011890003893
150 × 2.0 × 22.23		10200	25	200782	PK02	4011890049013
150 × 3.0 × 22.23		10200	25	200773	PK02	4011890003985
180 × 3.0 × 22.23		8500	25	200786	PK02	4011890004050
230 × 2.0 × 22.23		6650	25	200979	PK02	4011890004869
180 × 2.0 × 22.23		8500	25	200975	PK02	4011890004845
230 × 3.0 × 22.23		6650	25	200807	PK02	4011890004159

Abrasive marking according to ISO 525: A24Q-BF20



Shape 41

### FT33 X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 × 2.5 × 22.23		13300	25	211286	PK02	4011890124239
125 × 2.5 × 22.23		12250	25	211287	PK02	4011890124253

Abrasive marking according to ISO 525: A60U9BF1433



Shape 42

### FTK33

					Product category	GTIN/pc. EAN/pc.
100 × 2.0 × 16.00		15300	25	200840	PK02	4011890004357
100 × 3.0 × 16.00		15300	25	200843	PK02	4011890004388
115 × 2.0 × 22.23		13300	25	200983	PK02	4011890004883
115 × 3.0 × 22.23		13300	25	200853	PK02	4011890004432
125 × 2.0 × 22.23		12250	25	200988	PK02	4011890004913
125 × 3.0 × 22.23		12250	25	200891	PK02	4011890004517
150 × 3.0 × 22.23		10200	25	200922	PK02	4011890004609
180 × 2.0 × 22.23		8500	25	200992	PK02	4011890004944
180 × 3.0 × 22.23		8500	25	200928	PK02	4011890004630
230 × 2.0 × 22.23		6650	25	200995	PK02	4011890004968
230 × 3.0 × 22.23		6650	25	200943	PK02	4011890004722

Abrasive marking according to ISO 525: A24Q-BF21



**KSM**

mm: **2,0-3,0**

**ALPHA LINE** ●○○

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

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

- High cutting speed
- Easy cutting
- Comfortable cutting behaviour

**KSM**

⊕	v <sub>min</sub>	📦	💻	Product category	GTIN/pc. EAN/pc.
115 × 3.0 × 22.23	13300	25	200539	PK02	4011890002858
125 × 3.0 × 22.23	12250	25	200543	PK02	4011890002872
150 × 3.0 × 22.23	10200	25	200548	PK02	4011890002896
180 × 3.0 × 22.23	8500	25	200509	PK02	4011890002780
230 × 3.0 × 22.23	6650	25	200550	PK02	4011890002919

Abrasive marking according to ISO 525: A24P-BF25

Shape 41



**KSMK**

⊕	v <sub>min</sub>	📦	💻	Product category	GTIN/pc. EAN/pc.
100 × 2.0 × 16.00	15300	25	200629	PK02	4011890003268
115 × 3.0 × 22.23	13300	25	200631	PK02	4011890003282
125 × 3.0 × 22.23	12250	25	200636	PK02	4011890003305
180 × 3.0 × 22.23	8500	25	200643	PK02	4011890003343
230 × 3.0 × 22.23	6650	25	200652	PK02	4011890003367

Abrasive marking according to ISO 525: A24P-BF33

Shape 42



**FT30**

mm: **3,0-4,5**

**PRO LINE** ●●○

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

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

- Extra reinforcement for freehand applications#
- Long tool life
- high cutting speed

**FT30**

⊕	v <sub>min</sub>	📦	💻	Product category	GTIN/pc. EAN/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	5500	10	201182	PK02	4011890005910
350 × 4.0 × 22.23	5500	10	201184	PK02	4011890005934
350 × 4.0 × 25.40	5500	10	201187	PK02	4011890005958
400 × 4.5 × 20.00	4800	10	304545	PK02	4011890128336
400 × 4.5 × 25.40	4800	10	304546	PK02	4011890128350

Abrasive marking according to ISO 525: A24P-BF511

Shape 41





# FREEHAND CUTTING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging

**i** 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



Shape 42

### FT24

					Product category	GTIN/pc. EAN/pc.
125 × 2.0 × 22.23		12250	25	202460	PK02	4011890013267
180 × 2.5 × 22.23		8500	25	201048	PK02	4011890005200
230 × 2.5 × 22.23		6650	25	201055	PK02	4011890005255

Abrasive marking according to ISO 525: A24P-BF26

### FTK24

					Product category	GTIN/pc. EAN/pc.
115 × 2.0 × 22.23		13300	25	201064	PK02	4011890005309
125 × 2.0 × 22.23		12250	25	201070	PK02	4011890005347
230 × 2.5 × 22.23		6650	25	201079	PK02	4011890034354

Abrasive marking according to ISO 525: A24P-BF34

# 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.



**FT44**

mm:  
**2,0-3,0**

**PROLINE** ●●●○

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

- High cutting speed
- Cool cut
- Easy cutting

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

**FT44**

⊕	⊖/min	📦	📄	Product category	GTIN/pc. EAN/pc.
100 × 2.5 × 16.00	15300	25	201737	PK02	4011890009512
115 × 3.0 × 22.23	13300	25	201750	PK02	4011890009581
125 × 3.0 × 22.23	12250	25	201743	PK02	4011890009543
180 × 3.0 × 22.23	8500	25	201764	PK02	4011890009666
230 × 3.0 × 22.23	6650	25	201788	PK02	4011890009796

Abrasive marking according to ISO 525: C30Q-BF47

Shape 41





Shape 42

### FTK44

					Product category	GTIN/pc. EAN/pc.
100 × 2.0 × 16.00		15300	25	201804	PK02	4011890009901
115 × 3.0 × 22.23		13300	25	201810	PK02	4011890009932
125 × 3.0 × 22.23		12250	25	201838	PK02	4011890010006
150 × 3.0 × 22.23		10200	25	201863	PK02	4011890010075
180 × 3.0 × 22.23		8500	25	201867	PK02	4011890010099
230 × 3.0 × 22.23		6650	25	201873	PK02	4011890010136

Abrasive marking according to ISO 525: C30Q-BF48

mm:  
**3,0-4,5**

### FT40

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	GTIN/pc. EAN/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		5500	10	201933	PK02	4011890010549
350 × 4.0 × 25.40		5500	10	201940	PK02	4011890010587
400 × 4.5 × 20.00		4800	10	304547	PK02	4011890128374
400 × 4.5 × 25.40		4800	10	304548	PK02	4011890128398

Abrasive marking according to ISO 525: 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

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



Iron and sulphur free



**ST38**

mm:  
**2,5-3,0**

**TOPLINE** ●●●

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

- High cutting speed
- Long service life
- Easy cutting

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

**ST38**

⊕	1/min	📄	🖨️	Product category	GTIN/pc. EAN/pc.
300 × 2.5 × 25.40	5100	10	209498	PK03	4011890090015
350 × 2.5 × 25.40	4400	10	209499	PK03	4011890090022
400 × 3.0 × 25.40	3850	10	209500	PK03	4011890090039

Abrasive marking according to ISO 525: 31A24P9-BF13083



# STATIONARY CUTTING DISCS / STEEL



**i** 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**

**PRO LINE** ●●○



- 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

	⊕	⊖/min	📄	🖨️	Product category	GTIN/pc. EAN/pc.
	300 × 3.0 × 25.40	6400	10	201397	PK03	4011890007518
	350 × 3.5 × 25.40	5500	10	201415	PK03	4011890007655
	400 × 4.0 × 40.00	4800	10	201432	PK03	4011890007808
	500 × 5.0 × 40.00	3850	10	201457	PK03	4011890007990

Abrasive marking according to ISO 525: A24R-BF564



## ST34

mm:  
**2,5-3,0**

ALPHALINE ●○○

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

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

- High cutting speed
- Long service life
- Easy cutting

### ST34

⊕	1/min	📦	📺	Product category	GTIN/pc. EAN/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	4400	10	201518	PK03	4011890008430
350 × 2.5 × 32.00	4400	10	205836	PK03	4011890054901
350 × 3.0 × 25.40	4400	10	201514	PK03	4011890008409
350 × 3.0 × 32.00	4400	10	205578	PK03	4011890053966
400 × 3.0 × 25.40	3850	10	201504	PK03	4011890008324
400 × 3.0 × 32.00	3850	10	206455	PK03	4011890056752

Abrasive marking according to ISO 525: A36N8BF348



Shape 41



## ST21

mm:  
**3,0-4,0**

ALPHALINE ●○○

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

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

- Long lifetime
- Cool cut
- Easy cutting

### ST21

⊕	1/min	📦	📺	Product category	GTIN/pc. EAN/pc.
300 × 3.0 × 22.23	6400	10	201304	PK03	4011890006900
300 × 3.0 × 25.40	6400	10	201305	PK03	4011890006917
300 × 3.0 × 32.00	6400	10	201307	PK03	4011890006931
300 × 3.0 × 40.00	6400	10	201308	PK03	4011890006948
350 × 3.5 × 25.40	5500	10	201330	PK03	4011890007075
350 × 3.5 × 32.00	5500	10	201332	PK03	4011890007099
400 × 4.0 × 32.00	4800	10	201353	PK03	4011890007198
400 × 4.0 × 40.00	4800	10	201354	PK03	4011890007204

Abrasive marking according to ISO 525: A24R-BF211




Shape 41



# CLEANING

## CONTENTS

NON-WOVEN CLEANING TOOLS	 	056
WHEEL BRUSHES	 	064
CUP BRUSHES	 	071
BEVEL BRUSHES	 	078
END BRUSHES	 	082
HAND SCRATCH BRUSHES		087

### SPECIAL TECHNOLOGIES



More information on page 238



# 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 discolorations are removed. No residues remain on the workpiece.

**i** Use only on adjustable-speed angle grinders. Non-woven material 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

TOP LINE ●●●



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

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

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

**SVS HD PACK**

				Product category	GTIN/PK EAN/PK
125 x 22.23	9630	3	211317	PK07	4011890124482



**SVS**

**PRO LINE**

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

- Easy on the material
- High cleaning performance

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

**SVS**

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



**SVS PACK**

				Product category	GTIN/PK EAN/PK
125 x 22.23	9630	3	211316	PK07	4011890124475



**SVS MINI**

**PRO LINE**

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	GTIN/pc. EAN/pc.
50 x 13 x 6.0	12100	10	305405	PK07	4011890079263
50 x 26 x 6.0	12100	10	305406	PK07	4011890079270





## SVS GS



PRO LINE ●●○

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



## SVS PIN



PRO LINE ●●○

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

- With 6 or 8 mm shank



### SVS PIN

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



SVS QUICK HD see page 160



SVSW see page 157

# NOTES

CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/  
polishing

Milling

Diamond tools

Occupational safety

## CLEANING

# 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
- 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

# CLEANING 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

## CLEANING

# 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.

min <sup>-1</sup>	Brush diameter (in mm)											
	20	40	50	80	100	125	150	180	200	250	300	350
800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
1.150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
1.200	1.26	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

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

#### Working revolutions for Ø:

- Ø 115 mm (4 1/2") 12,500 U/min<sup>-1</sup>
- Ø 125 mm (5") 11,000 U/min<sup>-1</sup>
- Ø 180 mm (7") 8,500 U/min<sup>-1</sup>
- Ø 150 mm (6") 8,500 U/min<sup>-1</sup>
- Ø 230 mm (9") 6,500 U/min<sup>-1</sup>

# ADVICE ON PRODUCT SELECTION



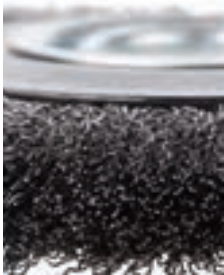
## Brush diameter and fill material length

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.



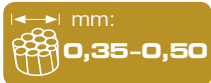
# WHEEL BRUSHES / STAINLESS STEEL



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



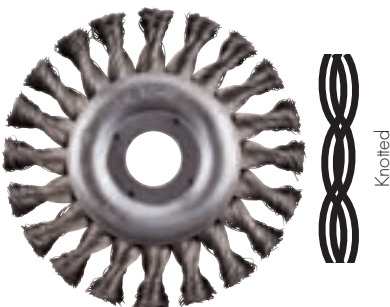
**ERBZ**

**TOPLINE** ●●●



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

- For great cleaning performance
- To remove strong scaling
- For targeted work



### ERBZ

					Product category	GTIN/pc. EAN/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



**ERBW**

**TOP LINE** ●●●



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

- For flexible working
- For gentle cleaning
- Homogeneous surfaces

**ERBW**

					Product category	GTIN/pc. EAN/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**

**TOP LINE** ●●●



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

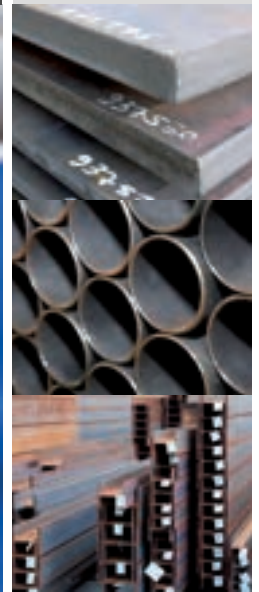
- For flexible work
- For gentle cleaning

**ERBWBM**

					Product category	GTIN/pc. EAN/pc.
100 × 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



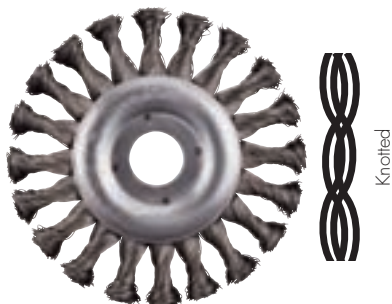
**SRBZ**

**TOP LINE** ●●●



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






- For great cleaning performance
- To remove strong scaling
- For targeted work

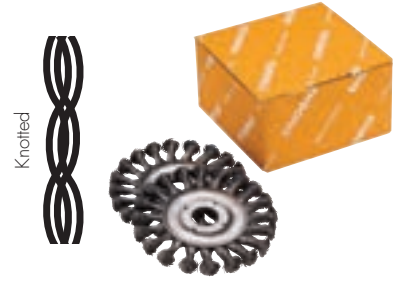


### SRBZ

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

**SRBZ PACK**

					Product category	GTIN/PK EAN/PK
115 x 12 x 23 x 22.23	0.50 mm	12500	2	304576	PK08	4011890129425
125 x 13 x 28 x 22.23	0.50 mm	12500	2	304577	PK08	4011890129432



**SRBZGS**






TOP LINE ●●●

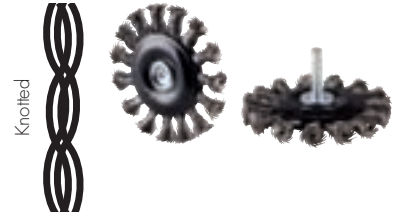


Steel wheel brush with crimped steel wire on a 6 mm shank for use on straight grinders and flexible shafts.

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

**SRBZGS**

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



**SRBWGS**






TOP LINE ●●●



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 gentle cleaning
- SRBWGSK moulded in plastic for up to 10 times longer lifetime.

**SRBWGS**

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





### SRBWGSK

					Product category	GTIN/pc. EAN/pc.
63 × 8 × 20 × 6.0	0.30 mm	20000	12	353227	PK08	4011890094389
76 × 8 × 26 × 6.0	0.30 mm	15000	12	353228	PK08	4011890094396



## SRBWBM

TOPLINE ●●●



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

- For flexible working
- For gentle cleaning
- MRBWBM brass-plated for improved corrosion protection



### SRBWBM

					Product category	GTIN/pc. EAN/pc.
50 × 7 × 10 × 6.0	0.30 mm	4500	20	353027	PK08	4011890073131
75 × 10 × 16 × 6.0	0.30 mm	4500	10	353028	PK08	4011890073148
100 × 12 × 22 × 6.0	0.30 mm	4500	10	353029	PK08	4011890073155



### MRBWBM

					Product category	GTIN/pc. EAN/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
100 × 12 × 22 × 6.0	0.30 mm	4500	10	353236	PK08	4011890096062

**SRBWST****PRO LINE**

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

- For flexible working
- For gentle cleaning
- MRBWST brass-plated for improved corrosion protection

**SRBWST**

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

includes two reducer rings for 22,25mm; 19,05mm; 15,875mm; 12,7mm

**MRBWST**

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

includes two reducer rings for 22,25mm; 19,05mm; 15,875mm; 12,7mm



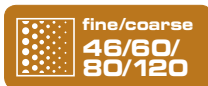
# WHEEL BRUSHES / NON-FERROUS METALS, WOOD



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

### Material:

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



## HRB

TOPLINE ●●●



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 = K80 (SIC)  
Brush colour blue: fine = K180 (AO)



### HRB

					Product category	GTIN/pc. EAN/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



**Material:**

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

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



**ETBZ**  
**TOPLINE** ●●●

mm:  
**0,50**

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

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

**ETBZ**

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





mm:  
**0,30**

**ETBW**

**TOP LINE** ●●●



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

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



**ETBW**

					Product category	GTIN/pc. EAN/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



**Material:**

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

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



**STBZ**

**PROLINE**

mm:  
**0,35-0,50**

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

- For superior cleaning results
- For removing heavy encrustations
- Removable support ring for longer tool life (from 75 mm)

**STBZ**

⊕	🧺	⊘mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
65 × 20 × M14	0.35 mm	12500	1	353074	PK08	4011890072943
65 × 20 × M14	0.35 mm	12500	10	353086	PK08	4011890074855
65 × 20 × M14	0.50 mm	12500	1	353009	PK08	4011890072950
65 × 20 × M14	0.50 mm	12500	10	353085	PK08	4011890074848
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



Knotted



### STBZ PACK

Icon	Icon	Icon	Icon	Icon	Product category	GTIN/PK EAN/PK
65 × 20 × M14	0.50 mm	12500	2	304574	PK08	4011890129364



## STBZ S

PROLINE ●●○



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

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



### STBZ S

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



## STBW

PROLINE ●●○



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






- For flexible working
- For gentle cleaning
- MTBW brass-plated for improved corrosion protection



### STBW

Icon	Icon	Icon	Icon	Icon	Product category	GTIN/pc. EAN/pc.
65 × 21 × M14	0.30 mm	12500	1	353015	PK08	4011890073018
65 × 21 × M14	0.30 mm	12500	9	353088	PK08	4011890074879
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

**MTBW**

					Product category	GTIN/pc. EAN/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



**STBWGS**






**TOP LINE** ●●●



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 gentle cleaning
- STBWGSK moulded in plastic for up to 10 times longer lifetime

**STBWGS**

					Product category	GTIN/pc. EAN/pc.
40 × 10 × 6.0	0.30 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



**STBWGSK**

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





# STBWBM



TOP LINE ●●●

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 gentle cleaning
- MTBWBM brass-plated for improved corrosion protection



## STBWBM

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



## MTBWBM

					Product category	GTIN/pc. EAN/pc.
50 x 17 x 6.0	0.30 mm	4500	20	353237	PK08	4011890096079

# 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

**i** Brush colour red: coarse = K80 (SIC)  
Brush colour blue: fine = K180 (AO)

**HTB**

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



## 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



**EKBZ**

**TOPLINE** ●●●



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

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



### EKBZ

					Product category	GTIN/pc. EAN/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** ●●●



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

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

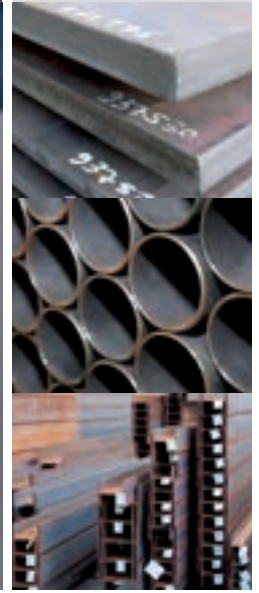
**EKBW**

					Product category	GTIN/pc. EAN/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



**SKBZ**

**PRO LINE** ●●●○



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

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



Knotted

### SKBZ

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

**SKBZ PACK**

					Product category	GTIN/PK EAN/PK
115 x 15 x 20 x M14	0.50 mm	12500	2	304575	PK08	4011890129395



**SKBW**

**PROLINE** ●●●○

Wire diameter: **0,30** mm

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

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

**SKBW**

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

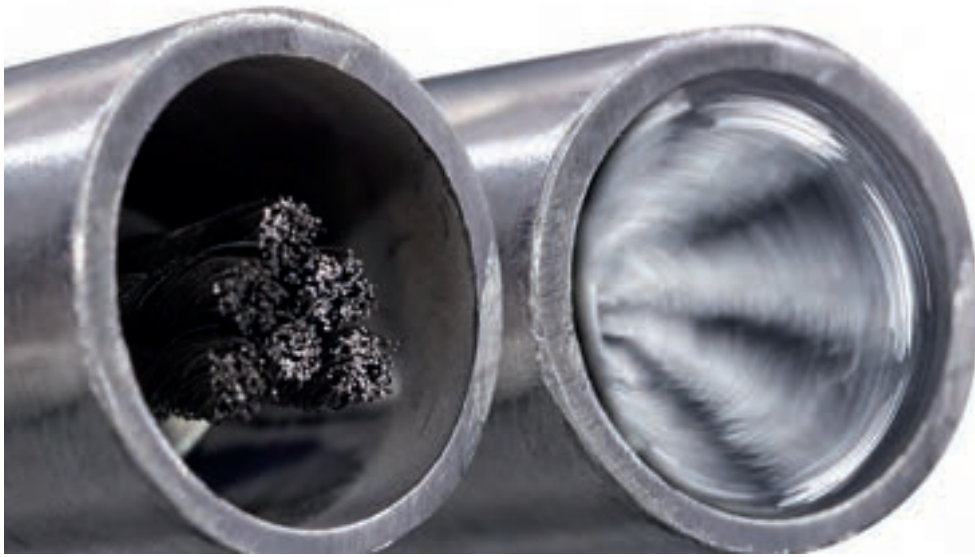


**MKBW**

					Product category	GTIN/pc. EAN/pc.
100 x 10 x 20 x 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



**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

**i** Brush expands while machine is running



### EPBZ

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



**EPBW**

**TOP LINE** ●●●



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

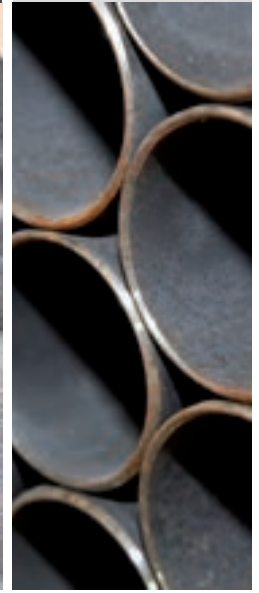
- For precision work
- For flexible working
- For gentle cleaning

**EPBW**

					Product category	GTIN/pc. EAN/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



## SPBZ

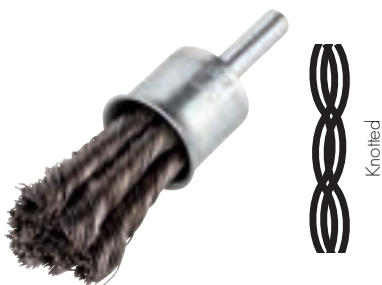
### TOP LINE ●●●



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

**i** Brush expands while machine is running



### SPBZ

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



**SPBW**

**TOP LINE** ●●●



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

- For precision work
- MKBW brass-plated for improved corrosion protection

**SPBW**

					Product category	GTIN/pc. EAN/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



**MPBW**

					Product category	GTIN/pc. EAN/pc.
25 × 25 × 6.0	0.30 mm	4500	12	353240	PK08	4011890096109



## 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



## HPB

### TOPLINE ●●●



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

- Brush colour red: coarse = K80 (SIC)
- Brush colour blue: fine = K180 (AO)
- Also suitable for structuring wood



### HPB

⊕	▣	⊖	📦	💻	Product category	GTIN/pc. EAN/pc.
25 × 25 × 6.0	coarse	4500	12	353044	PK08	4011890073308
25 × 25 × 6.0	fine	4500	12	353045	PK08	4011890073315



# 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 scaling

**EHBG**

⊕	📦	📄	🖨️	Product category	GTIN/pc. EAN/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







## EHBW

TOP LINE ●●●



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

- For flexible work
- For gentle cleaning



### EHBW

				Product category	GTIN/pc. EAN/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



## UHBW

PRO LINE ●●●○



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

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



### UHBW

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



**EKNB**

**TOP LINE** ●●●



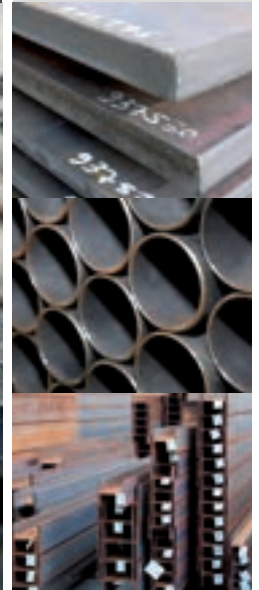
Stainless steel fillet weld brush. V-shaped stainless steel wire inserts for optimum cleaning of hard-to-reach welding seams and fillet welds.

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

<b>EKNB</b>					
				Product category	GTIN/pc. EAN/pc.
3 rows	0.35 mm	12	353106	PK08	4011890075050



# HAND SCRATCH BRUSHES / STEEL



For manual work and universal use.

### Material:

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



## SHBG

### TOP LINE ●●●



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

- Great cleaning performance
- To remove strong scaling



Straight

### SHBG

⊕	📦	📄	🖨️	Product category	GTIN/pc. EAN/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



Straight

### SHBG PACK

⊕	📦	📄	🖨️	Product category	GTIN/PK EAN/PK
3 rows	0.35 mm	6	303777	PK08	4011890110515

**BSBG****TOP LINE**

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

- Ergonomic non-slip handle
- Great cleaning performance

**BSBG**

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

Straight



CONTENTS

Cutting

Cleaning

**SKNB****TOP LINE**

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

**SKNB**

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

Straight



Grinding

Fine grinding/  
polishing

Milling

Diamond tools

Occupational safety

## HAND SCRATCH BRUSHES / NON-FERROUS METALS



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

### Material:

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



## MHBW

TOPLINE ●●●

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

- For flexible working
- For gentle cleaning



### MHBW

				Product category	GTIN/pc. EAN/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



**ZKB**

**TOP LINE** ●●●



Spark plug brush with brass wire for cleaning contact surfaces.

- Small and practical
- Careful cleaning of contact surfaces

					Product category	GTIN/pc. EAN/pc.
3 rows	0.25 mm	24	353103	PK08		4011890075029

**ZKB**



**BSBW**

**TOP LINE** ●●●



Optimised, slim-line geometry with brass wire for the gentle cleaning of brake calipers.

- Ergonomic and non-slip handle
- Gentle cleaning

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

**BSBW**





# GRINDING

## CONTENTS

### GRINDING DISCS



098

### CUP/GRINDING WHEELS



109

### 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 098



#### RS580 SPEED EXTENDED

- 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 099

### SPECIAL TECHNOLOGIES



More information on page 250









More information on page 238



# YOUR FASTEST WAY TO THE RIGHT PRODUCT

## GRINDING

Explanation of symbols  Stainless steel  Stone  Steel  Cast iron  Non-ferrous metals  Points system <b>Lifetime</b> The lifetime indicates the maximum stock removal for a disc.			Grinding discs										Cup wheels		
			Reference	Page	Ø mm	Quality level	Hardness/lifetime	Machine performance see page 020	Applications	Material	RS24	RS66	NK	SR15	SIC
		098	115-125	TOP LINE	○ ○ ○ ○ ● ● ● ●		Edge	Stainless steel							
		099	115-230	TOP LINE	○ ● ● ● ● ● ● ●		Edge	Stainless steel							
		100	115-230	TOP LINE	● ● ● ● ● ● ● ●		Surface	Stainless steel							
		101	115-230	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		102	115-230	ALPHA	○ ○ ○ ○ ● ● ● ●		Surface	Stainless steel							
		103	115-230	TOP LINE	○ ● ● ● ● ● ● ●		Surface	Stainless steel							
		104	115-230	TOP LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		104	76-230	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		105	180-230	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		106	105-230	ALPHA	○ ○ ○ ○ ● ● ● ●		Surface	Stainless steel							
		107	115-230	TOP LINE	○ ○ ○ ○ ● ● ● ●		Surface	Stainless steel							
		108	115-230	TOP LINE	● ● ● ● ● ● ● ●		Surface	Stainless steel							
		109	110/90	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		110	50	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
		111	110/90	PRO LINE	○ ○ ● ● ● ● ● ●		Surface	Stainless steel							
							Fillet weld	Stainless steel							
							Edge	Steel							
							Edge	Steel							
							Surface	Steel							
							Surface	Steel							
							Fillet weld	Steel							
							Fillet weld	Steel							
							Universal	Refined-grain construction steel							
							Universal	Refined-grain construction steel							
							Universal	Aluminium							
							Universal	Bronze, brass							
							Universal	Titanium							
							Universal	Cast iron							
							Universal	Concrete (universal)/granite							
							Universal	Building materials							
							Universal	Abrasive materials/floor pavement							
								X-LOCK							

\* For metal penetration

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

# GRINDING DISCS

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.

RHODIUS pipeline grinding discs are manufactured to a thickness of 4 mm. Pipeline discs are produced without a top layer, so as to ensure optimum performance on root seams even in circumferential grinding.

We recommend the use of flap discs for more comfortable surface grinding. You will find these from page 124 onwards.

## TYPICAL APPLICATIONS

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

## ADVANTAGES OF THE SPECIAL TOP LAYER

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

## GRINDING WORKING SPEED

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



V[m/sec]	50	63	80	100
d1 [mm]	rpm			
50	19100	24100	30600	38200
75	12700	16000	20300	25400
105	9550	12100	15300	19100
110	8680	10940	13890	17360
115	8350	10500	13300	16650
125	7650	9650	12250	15300
150	6400	8050	10200	12700
180	5350	6700	8500	10650
230	4200	5250	6650	8350



### Grinding discs = 80 m/s

Shape 27

### Cup wheels = 50 m/s

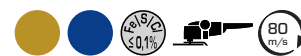
Shape 11

# FILLET WELD GRINDING WITH MAXIMUM LIFETIME



## FS1 FUSION

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

The FS1 FUSION combines the long lifetime of a 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-protected 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



### FS1 FUSION

Shape 27

					Product category	GTIN/pc. EAN/pc.
115 × 4.0 × 22.23	40	13300	10	207826	PK04	4011890062760
115 × 4.0 × 22.23	60	13300	10	207827	PK04	4011890062777
115 × 4.0 × 22.23	80	13300	10	207884	PK04	4011890062869
125 × 4.0 × 22.23	40	12250	10	207829	PK04	4011890062791
125 × 4.0 × 22.23	60	12250	10	207830	PK04	4011890062807
125 × 4.0 × 22.23	80	12250	10	207885	PK04	4011890062876

Abrasive marking according to ISO 525: 37A46P10BF1347



### FS1 FUSION IN ACTION:

Watch video now on our  
Youtube channel.  
[https://rhodi.us/  
gb\\_watch-fs1](https://rhodi.us/gb_watch-fs1)



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

# MORE COMFORTABLE VERY QUICK GRINDING



## RS580 EXTENDED

mm:  
**7,0**

**TOP LINE** ●●●

High stock removal performance

- Additional fabric flange from 180 mm diameter for use on high-frequency and compressed-air angle grinders
- Grinding is very operator-friendly and non-tiring thanks to novel binder system

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

Shape 27



### RS580 EXTENDED

⊕	$\frac{v}{\text{min}}$			Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	210656	PK04	4011890101889
125 × 7.0 × 22.23	12250	25	210611	PK04	4011890101414
150 × 7.0 × 22.23	10200	10	210657	PK04	4011890101919
180 × 7.0 × 22.23	8500	10	210658	PK04	4011890101933
230 × 7.0 × 22.23	6650	10	210659	PK04	4011890101957

Abrasive marking according to ISO 525: 95A20T9BF14149



### RS580 EXTENDED IN ACTION:

Watch video now on our  
Youtube channel.  
[https://rhodi.us/  
gb\\_watch-rs580](https://rhodi.us/gb_watch-rs580)

# GRINDING DISCS / STAINLESS STEEL



Iron and sulphur free

### Material:

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

mm:  
**4,0-7,0**

**RS480**

**TOPLINE** ●●●



- Lifetime
- Stock removal
- Hardness

High-performance stainless steel 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 diameter for use on high-frequency and compressed-air angle grinders
- Safe thanks to three full-face fabric layers

**i** RS480 pipeline discs are manufactured in 4 mm thickness without a top layer in order to achieve the best circumferential grinding performance on root seams with its self-sharpening ceramic grains.



Shape 27

### RS480

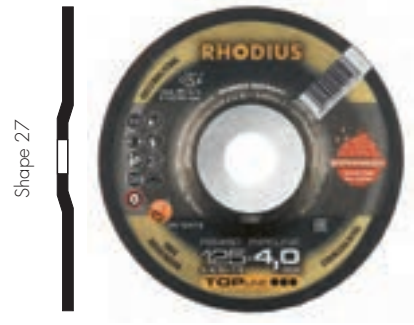
					Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	210238	PK04	4011890096444	
125 × 7.0 × 22.23	12250	25	210239	PK04	4011890096451	
150 × 7.0 × 22.23	10200	10	210234	PK04	4011890096437	
180 × 7.0 × 22.23	8500	10	210240	PK04	4011890096468	
230 × 7.0 × 22.23	6650	10	210241	PK04	4011890096475	

Abrasive marking according to ISO 525: 78A24A10BF13778

**RS480 PIPELINE**

				Product category	GTIN/pc. EAN/pc.
115 x 4.0 x 22.23	13300	25	212086	PK04	4011890129104
125 x 4.0 x 22.23	12250	25	212087	PK04	4011890129128
150 x 4.0 x 22.23	10200	10	212085	PK04	4011890129142
180 x 4.0 x 22.23	8500	10	212084	PK04	4011890129166
230 x 4.0 x 22.23	6650	10	212083	PK04	4011890129180

Abrasive marking according to ISO 525: 78A24A10BF13778



**RS38**

mm: **4,0-7,0**

**PRO LINE** ●●●○

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

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

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

**RS38**

				Product category	GTIN/pc. EAN/pc.
115 x 7.0 x 22.23	13300	25	200432	PK04	4011890002391
125 x 4.0 x 22.23	12250	25	205681	PK04	4011890054130
125 x 7.0 x 22.23	12250	25	200451	PK04	4011890002445
150 x 7.0 x 22.23	10200	10	205714	PK04	4011890049532
180 x 4.0 x 22.23	8500	10	210660	PK04	4011890101865
180 x 7.0 x 22.23	8500	10	200442	PK04	4011890002421
230 x 7.0 x 22.23	6650	10	200466	PK04	4011890002506

Abrasive marking according to ISO 525: A24S8BF1339



mm:

**7,0****RS28****ALPHA**LINE ●○○

- Lifetime
- Stock removal
- Hardness

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







Shape 27







Shape 27

**RS28**

				Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	208732	PK04	4011890071694
125 × 7.0 × 22.23	12250	25	208733	PK04	4011890071717
180 × 7.0 × 22.23	8500	10	208734	PK04	4011890071731
230 × 7.0 × 22.23	6650	10	208735	PK04	4011890071748

Abrasive marking according to ISO 525: 30A24P9BF1 1718

**RS28 PACK**

				Product category	GTIN/PK EAN/PK
115 × 7.0 × 22.23	13300	5	212091	PK04	4011890129364
125 × 7.0 × 22.23	12250	5	212094	PK04	4011890129401

Abrasive marking according to ISO 525: 30A24P9BF1 1718

# GRINDING DISCS / STEEL



**Material:**

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



## RS50 LONGLIFE

TOP LINE ●●●

mm:  
**7,0**

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 diameter for use on high-frequency and compressed-air angle grinders
- Safe thanks to three full-face fabric layers

Specifically suitable for edge grinding

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

RS50 LONGLIFE					
				Product category	GTIN/pc. EAN/pc.
115 x 7.0 x 22.23	13300	25	210053	PK04	4011890094907
125 x 7.0 x 22.23	12250	25	209797	PK04	4011890093948
150 x 7.0 x 22.23	10200	10	210054	PK04	4011890094921
180 x 7.0 x 22.23	8500	10	210055	PK04	4011890094945
230 x 7.0 x 22.23	6650	10	210056	PK04	4011890094969

Abrasive marking according to ISO 525: 73AC24R9BF13585



Shape 27



mm:  
**7,0**

## RS67

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

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

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



Shape 27

### RS67

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 22.23	13300	25	200140	PK04	4011890049396
	125 × 7.0 × 22.23	12250	25	200141	PK04	4011890049389
	150 × 7.0 × 22.23	10200	10	205715	PK04	4011890054383
	180 × 7.0 × 22.23	8500	10	205716	PK04	4011890054390
	230 × 7.0 × 22.23	6650	10	205718	PK04	4011890054406

Abrasive marking according to ISO 525: 74A24S6BF1412

mm:  
**4,0-10,0**

## RS2

PRO LINE ●●●○



- Lifetime
- Stock removal
- Hardness

Versatile 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

**i** RS2 Pipelines discs are manufactured in 4 mm thickness without a top layer in order to enable optimum grinding performance even on circumferential root seams.



Shape 27

### RS2

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	76 × 6.0 × 10.00	20100	25	302038	PK04	4011890034156
	105 × 7.0 × 16.00	15300	25	200167	PK04	4011890001059
	115 × 7.0 × 22.23	13300	25	200184	PK04	4011890001127
	125 × 7.0 × 22.23	12250	25	200213	PK04	4011890001264
	150 × 7.0 × 22.23	10200	10	200238	PK04	4011890001363
	180 × 7.0 × 22.23	8500	10	200253	PK04	4011890001462
	180 × 10.0 × 22.23	8500	10	200266	PK04	4011890001523
	230 × 7.0 × 22.23	6650	10	200274	PK04	4011890001578

Abrasive marking according to ISO 525: A30P8BF153



Shape 27

### RS2 X-LOCK

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 6.0 × 22.23	13300	10	211783	PK04	4011890128244
	125 × 6.0 × 22.23	12250	10	211782	PK04	4011890128190

Abrasive marking according to ISO 525: A30P8BF153

**RS2 PIPELINE**

				Product category	GTIN/pc. EAN/pc.
115 × 4,0 × 22,23	13300	25	200172	PK04	4011890001080
125 × 4,0 × 22,23	12250	25	200208	PK04	4011890001219
150 × 4,0 × 22,23	10200	25	205678	PK04	4011890054123
180 × 4,0 × 22,23	8500	10	200246	PK04	4011890001431

Abrasive marking according to ISO 525: A30P8BF153

Shape 27



**RS22**

mm:  
**8,0**

**PROLINE** ●●●○

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

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

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

Especially for high-frequency machines

**RS22**

				Product category	GTIN/pc. EAN/pc.
180 × 8,0 × 22,23	8500	10	208124	PK04	4011890064900
230 × 8,0 × 22,23	6650	10	208617	PK04	4011890070321

Abrasive marking according to ISO 525: A30P8-BF153

Shape 27



mm:  
**7,0**

**KSM**

**ALPHA**LINE ●○○



- 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

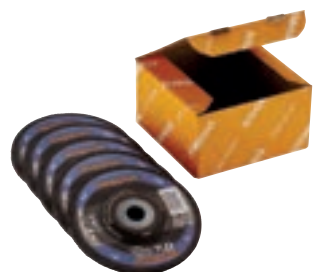


Shape 27

**KSM**

				Product category	GTIN/pc. EAN/pc.
105 × 7.0 × 16.00	15300	25	200008	PK04	4011890000069
115 × 7.0 × 22.23	13300	25	200013	PK04	4011890000106
125 × 7.0 × 22.23	12250	25	200018	PK04	4011890000120
180 × 7.0 × 22.23	8500	10	200056	PK04	4011890000366
180 × 8.0 × 22.23	8500	10	200075	PK04	4011890000458
230 × 7.0 × 22.23	6650	10	200090	PK04	4011890000557

Abrasive marking according to ISO 525: A24Q-BF32



Shape 27

**KSM PACK**

				Product category	GTIN/PK EAN/PK
115 × 7.0 × 22.23	13285	5	212092	PK04	4011890129388
125 × 7.0 × 22.23	12200	5	212095	PK04	4011890129418

Abrasive marking according to ISO 525: A24Q-BF32

# GRINDING DISCS / NON-FERROUS METALS



**Material:**

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

Special fillers prevent disc clogging

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



**RS24**

mm:  
**7,0**

**TOPLINE** ●●●

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

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

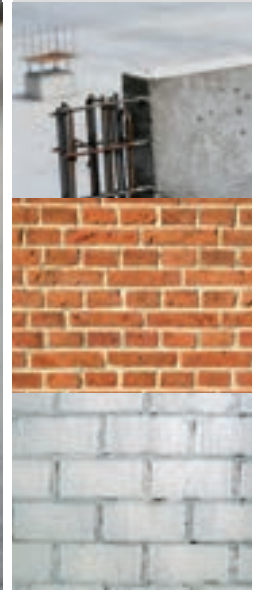
- High stock removal performance
- No clogging of the disc
- Minimum material heating

RS24						
				Product category	GTIN/pc. EAN/pc.	
115 x 7.0 x 22.23	13300	25	200349	PK04	4011890001929	
125 x 7.0 x 22.23	12250	25	200357	PK04	4011890001967	
180 x 7.0 x 22.23	8500	10	200364	PK04	4011890002001	
230 x 7.0 x 22.23	6650	10	200377	PK04	4011890002070	

Abrasive marking according to ISO 525: A24N-BF28



## GRINDING DISC / STONE



**i** 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



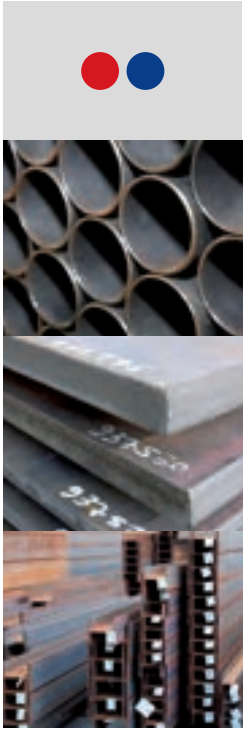
Shape 27

### RS66

					Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23		13300	25	200386	PK04	4011890002124
125 × 7.0 × 22.23		12250	25	200393	PK04	4011890002162
180 × 7.0 × 22.23		8500	10	200403	PK04	4011890002209
230 × 7.0 × 22.23		6650	10	200413	PK04	4011890002247

Abrasive marking according to ISO 525: C24PBF29

# CUP WHEELS & GRINDING WHEELS / STEEL



**Material:**

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



**NK**

**PROLINE** ●●○

**16/24/  
36/60**

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

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

**NK**

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



mm:  
**6,0**

# SR 15

PRO LINE ●●●



- 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 028



## SR 15

				Product category	GTIN/pc. EAN/pc.
50 × 6.0 × 6.00	30600	25	201208	PK04	4011890006078

Abrasive marking according to ISO 525: A24Q-BF16

# 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.



**SIC**

**PROLINE** ●●○



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**

⊕	Grid	Grain	Box	PC	Product category	GTIN/pc. EAN/pc.
110/90 x 55 x 22.23	16	8680	6	303257	PK04	4011890063811
110/90 x 55 x 22.23	24	8680	6	303258	PK04	4011890063828
110/90 x 55 x 22.23	36	8680	6	303260	PK04	4011890063842
110/90 x 55 x 22.23	60	8680	6	303261	PK04	4011890063859





























# GRINDING/POLISHING

## CONTENTS

FLAP DISCS			120
FIBRE DISCS			139
ABRASIVE BELTS			145
ABRASIVE SLEEVES			150
FLAP WHEELS			152
DRUMS			157
QUICK-CHANGE DISCS			160
SHEETS AND ROLLS			165
SELF-FASTENING DISCS			170
NON-WOVEN ABRASIVES			177
POLISHING TOOLS			182

### HIGHLIGHTS



#### VISION SPEED

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

Page 120



#### VSK VISION

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

Page 123

### SPECIAL TECHNOLOGIES



More information on page 238



More information on page 244



More information on page 250



More information on page 252



More information on page 254

# GRINDING/POLISHING 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**

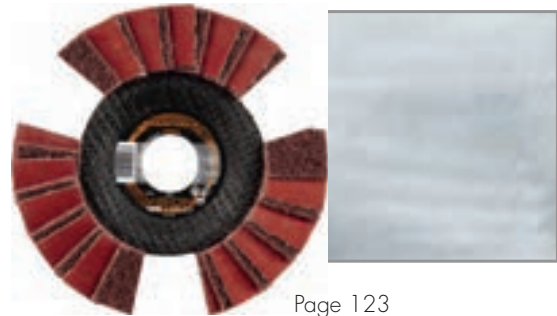
**1 Preparation**

– 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.**



Page 123

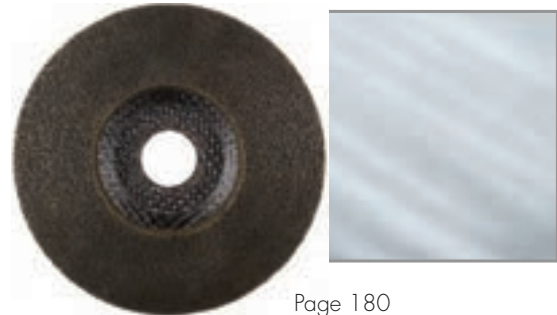
**2 Pre-polishing and finishing**

– 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.



Page 180

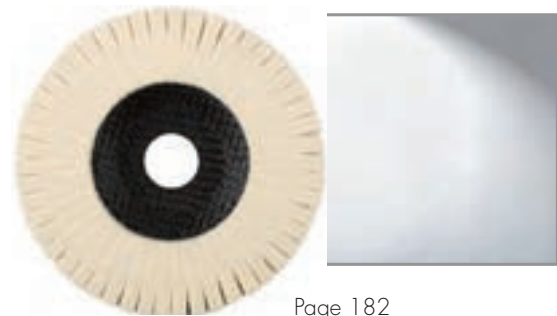
**3 High-gloss polishing**

– 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.



Page 182



**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	



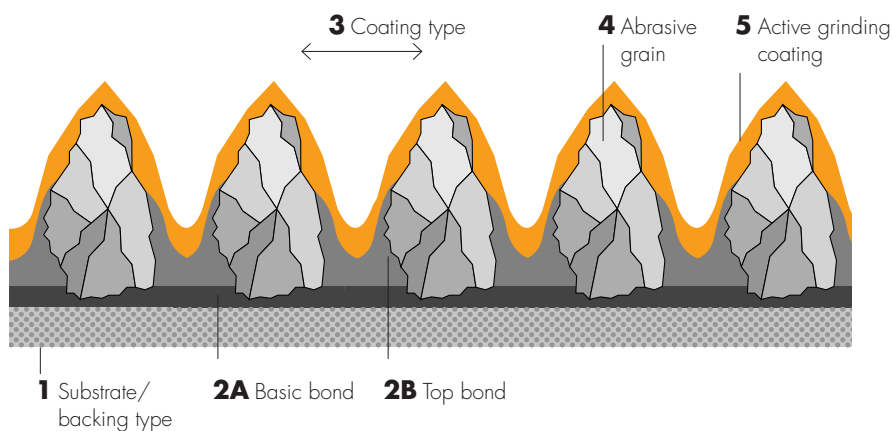
As a general rule, we recommend using a variable angle polisher for steps 1 to 3, so as to achieve optimum working results.

# GRINDING/POLISHING

## 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/m<sup>2</sup>) to G (400 g/m<sup>2</sup>), where the "A" weight is the most flexible, but also the one that wears out most quickly.

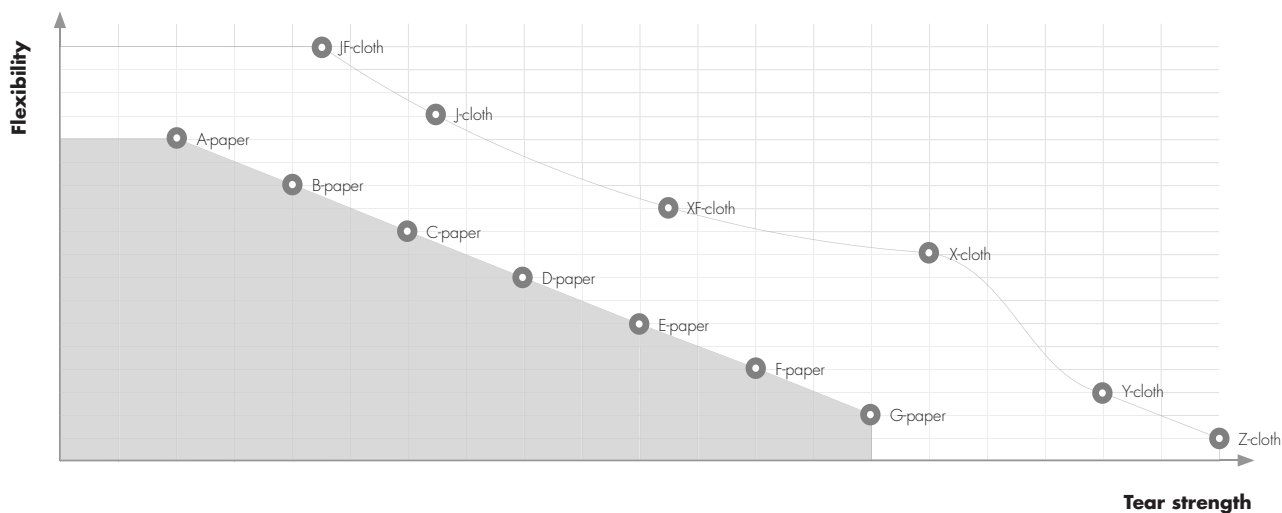
#### Cloth (cotton, polyester and polycotton)

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.



## 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.

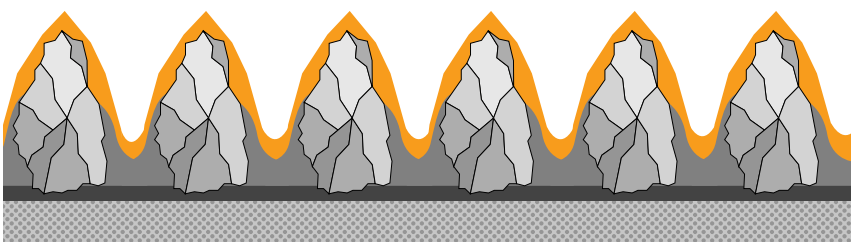
## Coating type

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.

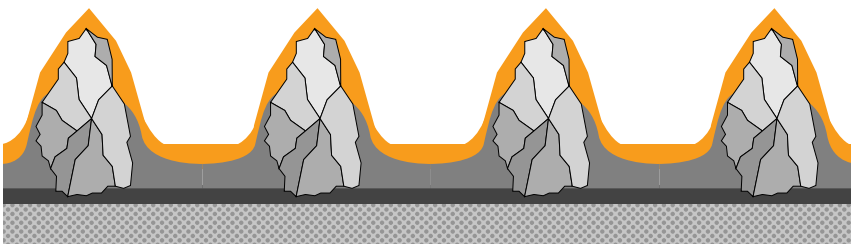
As a rule of thumb:

Closed coated = grinding for surface finishing

Open coated = grinding for material abrasion




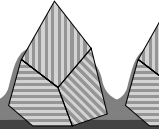
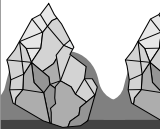
Closed coating



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, sharpedged	Sharpedged, self-sharpening	Microcrystalline, sharpedged
Hardness/toughness	9.0/tough	9.6/less tough	6.5 – 7.5/very tough	8.5/toughest
Applications	<ul style="list-style-type: none"> <li>– Leather</li> <li>– Wood</li> <li>– Filler</li> <li>– Steel</li> <li>– Non-ferrous metals</li> </ul>	<ul style="list-style-type: none"> <li>– Stone</li> <li>– Plastic</li> <li>– Glass</li> <li>– Paints</li> <li>– Chip board</li> </ul>	<ul style="list-style-type: none"> <li>– Stainless steel</li> <li>– Steel</li> <li>– Aluminium</li> </ul>	<ul style="list-style-type: none"> <li>– Stainless steel</li> <li>– Steel</li> <li>– Aluminium</li> <li>– Alloys</li> </ul>
Grain colour	Brown, rose and white	Black and green	Grey	White
Structure			 <p style="text-align: center;">* self-sharpening</p>	 <p style="text-align: center;">* self-sharpening</p>

## 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)

# YOUR FASTEST WAY TO THE RIGHT PRODUCT

Explanation of symbols			Product name																													
	Stainless steel		Cast iron	VISION				JUMBO		Fillet weld	Standard Flap discs						Special discs		Fiber discs													
	Steel		FRP	VISION SPEED	VISION COOL	VISION PRO	YSK VISION	JUMBO SPEED EXTD.	JUMBO LONGLIFE EXTD.	LSK FK/LGK FK	LSZ F/LGZ F EXTD.	LSZ FB	LSZ F1/LGZ F1	LSZ P1	LSA F1	LSA P1	LSZ F2/LGZ F2	LSZ F3/LGZ F3	LGA ALU	VSK F	VLS	FLS	SYS HD	SVS	KFK	KFZ	KF5	SFA	SFC			
	Non-ferrous metals		Wood	Page	120	121	122	123	124	126	127	129	134	130	132	135	135	131	133	136	137	138	182	056	057	139	140	141	142	142		
	Stone		Lasur/Filler	∅ mm	115-125	115-125	115-125	115-125	115-180	115-125	115-125	115-150	115-180	115-180	115-180	115-125	115-125	100-180	115-180	115-125	115-125	115-125	115-125	115-125	115-180	115-180	100-180	125-180	125-180			
Points system				Quality level	TOP	TOP	PRO	TOP	TOP	TOP	TOP	TOP	TOP	PRO	PRO	PRO	ALPHA	ALPHA	PRO	TOP	PRO	TOP	TOP	PRO	TOP	TOP	PRO	PRO	PRO	PRO		
Lifetime				Lifetime Stock removal	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	
The lifetime indicates the maximum stock removal for a disc.				Machine performance see p. 020	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
● = especially suitable																																
○ = suitable																																
○ = less suitable																																
Stainless steel	Edge	Weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
		Strong	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Surface	Weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		Strong	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Fillet weld	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Spot welds / Fine welds	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Steel	Edge	Weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
		Strong	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Surface	Weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		Strong	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Fillet weld	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Spot welds / Fine welds	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Refined grain construction steel	Edge	Weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
		Strong	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Surface	schwach	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		stark	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Fillet weld	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Aluminium soft	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Aluminium hard	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Bronze, brass	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Titanium	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Cast iron	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Cast steel	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
FRP/Plastic	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Wood	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Lasur/Filler	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Natural stone (Granite/ Marble...)	universal	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
X-LOCK			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

1) = reduced RPM  
2) = Use of oil or wax is recommended



# BETTER PERSPECTIVE WHEN GRINDING QUICKLY



## VISION SPEED



- Lifetime
- Stock removal

Thanks to its cutouts, 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



### Materials:

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

### Typical applications:

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

### VISION SPEED

	⊕	Grid	v/min	Box	Computer	Product category	GTIN/pc. EAN/pc.
							angled
115 × 22.23	40	13300	10	210652	PK05	4011890101971	
115 × 22.23	60	13300	10	210653	PK05	4011890101995	
115 × 22.23	80	13300	10	210654	PK05	4011890102015	
115 × 22.23	120	13300	10	210655	PK05	4011890102039	
125 × 22.23	40	12250	10	210644	PK05	4011890102053	
125 × 22.23	60	12250	10	210645	PK05	4011890102077	
125 × 22.23	80	12250	10	210646	PK05	4011890102091	
125 × 22.23	120	12250	10	210647	PK05	4011890102114	

### VISION SPEED X-LOCK

	⊕	Grid	v/min	Box	Computer	Product category	GTIN/pc. EAN/pc.
							angled
115 × 22.23	40	13300	10	211401	PK05	4011890125557	
115 × 22.23	60	13300	10	211402	PK05	4011890125571	
115 × 22.23	80	13300	10	211403	PK05	4011890125595	
125 × 22.23	40	12250	10	211404	PK05	4011890125618	
125 × 22.23	60	12250	10	211405	PK05	4011890125632	
125 × 22.23	80	12250	10	211406	PK05	4011890125656	



### VISION SPEED IN ACTION:

Watch video now on our Youtube channel.  
[https://rhodi.us/gb\\_watch-visions](https://rhodi.us/gb_watch-visions)



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



...better surface quality...



...and controlled material abrasion



# BETTER PERSPECTIVE ESPECIALLY FOR STEEL APPLICATIONS



## VISION PRO



- 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.



### VISION PRO



⊕	Grid	mm	Box	PC	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	210637	PK05	4011890102138
115 × 22.23	60	13300	10	210638	PK05	4011890102152
115 × 22.23	80	13300	10	210639	PK05	4011890102176
125 × 22.23	40	12250	10	210631	PK05	4011890101803
125 × 22.23	60	12250	10	210632	PK05	4011890101810
115 × 22.23	80	12250	10	210633	PK05	4011890101827

### VISION PRO PACK



⊕	Grid	mm	Box	PC	Product category	GTIN/PK EAN/PK
115 × 22,23	40	13300	5	211306	PK05	4011890124390
115 × 22,23	60	13300	5	211307	PK05	4011890124406
115 × 22,23	80	13300	5	211308	PK05	4011890124413
125 × 22,23	40	12250	5	211303	PK05	4011890124369
125 × 22,23	60	12250	5	211304	PK05	4011890124376
125 × 22,23	80	12250	5	211305	PK05	4011890124383



#### VISION PRO IN ACTION:

Watch video now on our  
Youtube channel.  
[https://rhodi.us/  
gb\\_watch-visionp](https://rhodi.us/gb_watch-visionp)



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



...better surface quality...



...and controlled material  
abrasion

# BETTER PERSPECTIVE AND FINISH IN ONE OPERATION



**VSK VISION**

**TOP LINE**

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:**

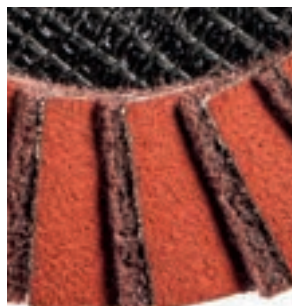
- Pre-polishing
- Decorative surface finish
- Welding seams
- Burr removing
- Levelling
- De-rusting
- Surface grinding
- Corner and edge grinding
- Cleaning



angled	VSK VISION					
				Product category	GTIN/pc. EAN/pc.	
115 x 22.23	13300	10	209503	PK07	4011890090060	
125 x 22.23	12250	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:**

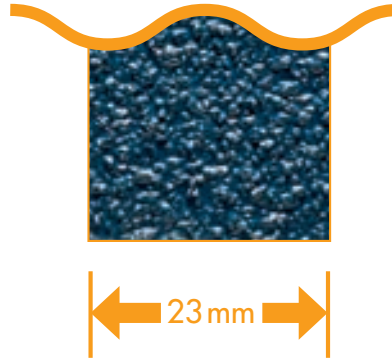
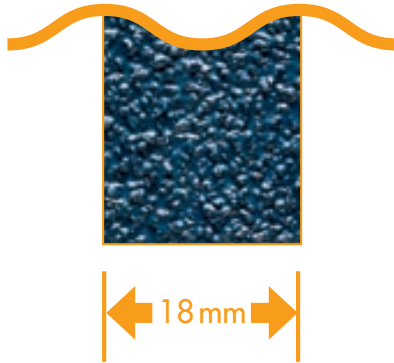
Watch video now on our Youtube channel.  
[https://rhodi.us/gb\\_watch-vskvision](https://rhodi.us/gb_watch-vskvision)

# JUMBO FLAP DISCS / STAINLESS STEEL



Conventional flap\*:

JUMBO flap\*:



\* indications valid for discs with a diameter of 125 mm

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.

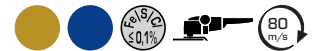
**i** Flap discs have only limited suitability for processing aluminium. However, good results can still be achieved with a trick: silicone-free cutting spray or grinding grease prevents the flap discs from becoming clogged quickly.

### Material:

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



## JUMBO SPEED EXTENDED



TOPLINE ●●●

- Lifetime
- Stock removal

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






- Ceramic grain offers high stock removal performance
- Especially suitable for hardened and tempered steel, tinner areas and titanium
- Particularly good for edge grinding



### JUMBO SPEED EXTENDED






⊕	Grid	ω/min	Box	PC	Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	208743	PK05	4011890072097
115 x 22.23	60	13300	10	208744	PK05	4011890072110
115 x 22.23	80	13300	10	208745	PK05	4011890072134
125 x 22.23	40	12250	10	208746	PK05	4011890072158
125 x 22.23	60	12250	10	208747	PK05	4011890072172
125 x 22.23	80	12250	10	208748	PK05	4011890072196
150 x 22.23	40	10200	10	303919	PK05	4011890098486
180 x 22.23	40	8500	10	209812	PK05	4011890094105

**JUMBO SPEED PACK**

					Product category	GTIN/PK EAN/PK
125 x 22.23	40	12250	5	211311	PK05	4011890124420
125 x 22.23	60	12250	5	211312	PK05	4011890124437
125 x 22.23	80	12250	5	211313	PK05	4011890124444








**JUMBO SPEED G**

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	210619	PK05	4011890101506
115 x 22.23	60	13300	10	210620	PK05	4011890101520
115 x 22.23	80	13300	10	210621	PK05	4011890101544
125 x 22.23	40	12250	10	210622	PK05	4011890101568
125 x 22.23	60	12250	10	210623	PK05	4011890101582
125 x 22.23	80	12250	10	210624	PK05	4011890101605



**JUMBO SPEED P X-LOCK**

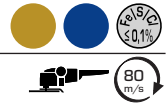
					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	211395	PK05	4011890125434
115 x 22.23	60	13300	10	211396	PK05	4011890125458
115 x 22.23	80	13300	10	211397	PK05	4011890125472
125 x 22.23	40	12250	10	211398	PK05	4011890125496
125 x 22.23	60	12250	10	211399	PK05	4011890125519
125 x 22.23	80	12250	10	211400	PK05	4011890125533



40/60/  
80

# JUMBO LONGLIFE EXTENDED

TOP LINE



- Lifetime
- Stock removal

Extra-long, closely placed overlapping flaps ensure an especially long life-time. Also available with trimmable backing to make full use of the flaps, and is suitable for fillet weld grinding.



- Zirconium/ceramic mixed grain for high stock removal performance
- Especially long lifetime
- Particularly good for edge grinding

**i** Jumbo Longlife Trim is equipped with a special backing that has a structured trimmable edge to allow full usage of flaps till the end. The trimmable backing is also suitable for grinding fillet welds.



Angled

## JUMBO LONGLIFE EXTENDED

						Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	208737	PK05	4011890071977	
115 × 22.23	60	13300	10	208738	PK05	4011890071991	
115 × 22.23	80	13300	10	208739	PK05	4011890072011	
125 × 22.23	40	12250	10	208740	PK05	4011890072035	
125 × 22.23	60	12250	10	208741	PK05	4011890072042	
125 × 22.23	80	12250	10	208742	PK05	4011890072073	



Straight

## JUMBO LONGLIFE TRIM

						Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	211407	PK05	4011890125670	
115 × 22.23	60	13300	10	211408	PK05	4011890125694	
115 × 22.23	80	13300	10	211409	PK05	4011890125717	
125 × 22.23	40	12250	10	211410	PK05	4011890125731	
125 × 22.23	60	12250	10	211411	PK05	4011890125755	
125 × 22.23	80	12250	10	211412	PK05	4011890125779	

# FLAP DISC FOR FILLET WELD TREATMENT / STAINLESS STEEL

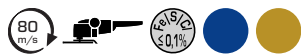
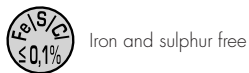


**Material:**

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

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.

**i** 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.



**LSK FK**

**TOPLINE**



Lifetime ●●●●○  
Stock removal ●●●●○



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	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	210249	PK05	4011890096901	
115 x 22.23	60	13300	10	210251	PK05	4011890096925	
115 x 22.23	80	13300	10	210276	PK05	4011890096963	
125 x 22.23	40	12250	10	210182	PK05	4011890095652	
125 x 22.23	60	12250	10	210183	PK05	4011890095676	
125 x 22.23	80	12250	10	210184	PK05	4011890095690	







**LGK FK**

						Product category	GTIN/pc. EAN/pc.
125 × 22.23	40	12250	10	210259	PK05	4011890101629	
125 × 22.23	60	12250	10	210260	PK05	4011890101643	
125 × 22.23	80	12250	10	210261	PK05	4011890101667	

# FLAP DISCS / STAINLESS STEEL



**Material:**

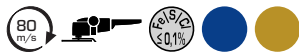
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium



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



## LSZ F EXTENDED

TOP LINE ●●●



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 EXTENDED**

⊕	▫	⊖	📦	📄	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	205505	PK05	4011890053454
115 × 22.23	60	13300	10	205506	PK05	4011890053461
115 × 22.23	80	13300	10	205507	PK05	4011890053478
125 × 22.23	40	12250	10	205508	PK05	4011890053485
125 × 22.23	60	12250	10	205509	PK05	4011890053492
125 × 22.23	80	12250	10	205510	PK05	4011890053508
150 × 22.23	40	10200	10	303707	PK05	4011890084427
150 × 22.23	60	10200	10	303708	PK05	4011890084441
150 × 22.23	80	10200	10	303709	PK05	4011890084465





### LGZ F

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	205497	PK05	4011890053362	
115 x 22.23	60	13300	10	205498	PK05	4011890053379	
115 x 22.23	80	13300	10	205499	PK05	4011890053386	
125 x 22.23	40	12250	10	205500	PK05	4011890053393	
125 x 22.23	60	12250	10	205446	PK05	4011890053409	
125 x 22.23	80	12250	10	205501	PK05	4011890053416	



### LSZ F1

PROLINE ●●●○

- 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 backing



### LSZ F1

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	24	13300	10	202642	PK05	4011890013687	
115 x 22.23	40	13300	10	202647	PK05	4011890013700	
115 x 22.23	60	13300	10	202662	PK05	4011890013724	
115 x 22.23	80	13300	10	202675	PK05	4011890013748	
115 x 22.23	120	13300	10	202689	PK05	4011890013762	
125 x 22.23	24	12250	10	202726	PK05	4011890050255	
125 x 22.23	40	12250	10	202735	PK05	4011890050248	
125 x 22.23	60	12250	10	202742	PK05	4011890052334	
125 x 22.23	80	12250	10	202749	PK05	4011890050231	
125 x 22.23	120	12250	10	202756	PK05	4011890050224	
150 x 22.23	40	10200	10	303615	PK05	4011890082393	
150 x 22.23	60	10200	10	303616	PK05	4011890082416	
150 x 22.23	80	10200	10	303617	PK05	4011890082430	
180 x 22.23	40	8500	10	202699	PK05	4011890013809	
180 x 22.23	60	8500	10	202706	PK05	4011890013823	
180 x 22.23	80	8500	10	202712	PK05	4011890013847	



### LGZ F1

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	202767	PK05	4011890013922	
115 x 22.23	60	13300	10	202776	PK05	4011890013960	
115 x 22.23	80	13300	10	202783	PK05	4011890013984	
115 x 22.23	120	13300	10	202789	PK05	4011890014004	
125 x 22.23	40	12250	10	202820	PK05	4011890050200	
125 x 22.23	60	12250	10	202825	PK05	4011890050194	
125 x 22.23	80	12250	10	202830	PK05	4011890050187	
125 x 22.23	120	12250	10	202834	PK05	4011890050170	
180 x 22.23	40	8500	10	202799	PK05	4011890014066	
180 x 22.23	60	8500	10	202804	PK05	4011890014080	
180 x 22.23	80	8500	10	202809	PK05	4011890014103	

**LSZ F1 X-LOCK**

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	211389	PK05	4011890125311	
115 x 22.23	60	13300	10	211390	PK05	4011890125335	
115 x 22.23	80	13300	10	211391	PK05	4011890125359	
125 x 22.23	40	12250	10	211392	PK05	4011890125373	
125 x 22.23	60	12250	10	211393	PK05	4011890125397	
125 x 22.23	80	12250	10	211394	PK05	4011890125410	



**LSZ F2**

ALPHALINE

**40/60/80**

Lifetime   
 Stock removal

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

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

**LSZ F2**

						Product category	GTIN/pc. EAN/pc.
100 x 16.00	40	15300	10	209663	PK05	4011890091845	
100 x 16.00	60	15300	10	209664	PK05	4011890091852	
100 x 16.00	80	15300	10	209665	PK05	4011890091869	
115 x 22.23	40	13300	10	202652	PK05	4011890052341	
115 x 22.23	60	13300	10	202667	PK05	4011890052358	
115 x 22.23	80	13300	10	202680	PK05	4011890052365	
125 x 22.23	40	12250	10	204015	PK05	4011890052372	
125 x 22.23	60	12250	10	204018	PK05	4011890052389	
125 x 22.23	80	12250	10	204021	PK05	4011890052396	
180 x 22.23	40	8500	10	209666	PK05	4011890091876	
180 x 22.23	60	8500	10	209667	PK05	4011890091920	
180 x 22.23	80	8500	10	209668	PK05	4011890091944	



**LSZ F2 BOX**

						Product category	GTIN/PK EAN/PK
115 x 22.23	40	13300	5	209312	PK05	4011890083994	
115 x 22.23	60	13300	5	209313	PK05	4011890084007	
115 x 22.23	80	13300	5	209314	PK05	4011890084014	
125 x 22.23	40	12250	5	209315	PK05	4011890084021	
125 x 22.23	60	12250	5	209316	PK05	4011890084038	
125 x 22.23	80	12250	5	209317	PK05	4011890084045	



**LSZ F2 VALUE PACK**

						Product category	GTIN/PK EAN/PK
115 x 22.23	40	13300	40	208408	PK05	4011890066485	
115 x 22.23	60	13300	40	208409	PK05	4011890066492	
115 x 22.23	80	13300	40	208410	PK05	4011890066508	
125 x 22.23	40	12250	40	208411	PK05	4011890066515	
125 x 22.23	60	12250	40	208412	PK05	4011890066522	
125 x 22.23	80	12250	40	208413	PK05	4011890066539	





### LGZ F2

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	209307	PK05	4011890083789	
115 x 22.23	60	13300	10	209308	PK05	4011890083802	
115 x 22.23	80	13300	10	209309	PK05	4011890083826	
115 x 22.23	120	13300	10	209310	PK05	4011890083840	
125 x 22.23	40	12250	10	209494	PK05	4011890089934	
125 x 22.23	60	12250	10	209495	PK05	4011890089941	
125 x 22.23	80	12250	10	209496	PK05	4011890089958	
180 x 22.23	40	8500	10	209507	PK05	4011890090091	
180 x 22.23	60	8500	10	209508	PK05	4011890090107	



### 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	GTIN/pc. EAN/pc.
115 x 22.23	24	13300	10	202517	PK05	4011890013489	
115 x 22.23	40	13300	10	202523	PK05	4011890013502	
115 x 22.23	60	13300	10	202531	PK05	4011890013526	
115 x 22.23	80	13300	10	202539	PK05	4011890013540	
115 x 22.23	120	13300	10	202547	PK05	4011890013564	
125 x 22.23	40	12250	10	202610	PK05	4011890043523	
125 x 22.23	60	12250	10	202618	PK05	4011890043547	
125 x 22.23	80	12250	10	202626	PK05	4011890043561	
180 x 22.23	40	8500	10	202559	PK05	4011890013601	
180 x 22.23	60	8500	10	202567	PK05	4011890013625	
180 x 22.23	80	8500	10	202573	PK05	4011890013649	



**LSZ F3**

ALPHALINE ●○○

**40/60/80**

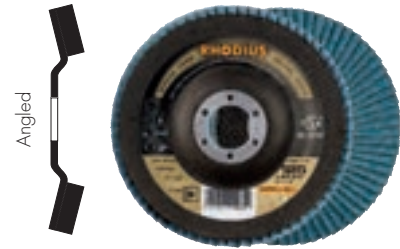
Attractively priced flap disc with zirconium and polyamide backing.

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

- Good stock removal performance
- Proven quality with cotton backing
- High service life
- More comfortable grinding thanks vibration-damping polyamide backing

**LSZ F3**

⊕	Grid	v <sub>min</sub>	Box	PC	Product category	GTIN/pc. EAN/pc.
100 × 16,00	40	15300	10	212044	PK05	4011890129029
100 × 16,00	60	15300	10	212045	PK05	4011890129067
100 × 16,00	80	15300	10	212046	PK05	4011890129043
115 × 22.23	40	13300	10	210479	PK05	4011890099599
115 × 22.23	60	13300	10	210480	PK05	4011890099605
115 × 22.23	80	13300	10	210481	PK05	4011890099612
115 × 22.23	120	13300	10	211517	PK05	4011890126585
125 × 22.23	40	12250	10	210482	PK05	4011890099629
125 × 22.23	60	12250	10	210483	PK05	4011890099636
125 × 22.23	80	12250	10	210484	PK05	4011890099650
125 × 22.23	120	12250	10	211518	PK05	4011890126608
150 × 22.23	40	10200	10	211692	PK05	4011890127476
150 × 22.23	60	10200	10	211693	PK05	4011890127490
150 × 22.23	80	10200	10	211694	PK05	4011890127513
180 × 22.23	40	8500	10	211420	PK05	4011890125939
180 × 22.23	60	8500	10	211421	PK05	4011890125953
180 × 22.23	80	8500	10	211422	PK05	4011890125977



Angled

**LSZ F3 PACK**

⊕	Grid	v <sub>min</sub>	Box	PC	Product category	GTIN/PK EAN/PK
115 × 22.23	40	13285	5	212096	PK05	4011890129302
115 × 22.23	60	13285	5	212097	PK05	4011890129319
115 × 22.23	80	13285	5	212098	PK05	4011890129326
125 × 22.23	40	12200	5	212101	PK05	4011890129333
125 × 22.23	60	12200	5	212099	PK05	4011890129340
125 × 22.23	80	12200	5	212100	PK05	4011890129357



Angled

**LGZ F3**

⊕	Grid	v <sub>min</sub>	Box	PC	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	210591	PK05	4011890100455
115 × 22.23	60	13300	10	210592	PK05	4011890100462
115 × 22.23	80	13300	10	210593	PK05	4011890100479
115 × 22.23	120	13300	10	210598	PK05	4011890100554
125 × 22.23	40	12250	10	210697	PK05	4011890109892
125 × 22.23	60	12250	10	210698	PK05	4011890109915
125 × 22.23	80	12250	10	210699	PK05	4011890109939



Straight

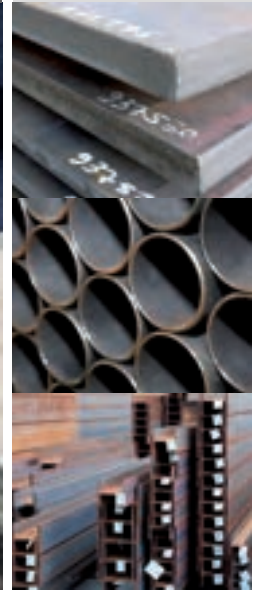
**LGZ P3**

⊕	Grid	v <sub>min</sub>	Box	PC	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	211413	PK05	4011890125793
115 × 22.23	60	13300	10	211414	PK05	4011890125816
115 × 22.23	80	13300	10	211415	PK05	4011890125830
115 × 22.23	120	13300	10	211416	PK05	4011890125854
125 × 22.23	40	12250	10	211417	PK05	4011890125878
125 × 22.23	60	12250	10	211418	PK05	4011890125892
125 × 22.23	80	12250	10	211419	PK05	4011890125915



Straight

# FLAP DISCS / STEEL



## Material:

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



## LSZ FB

### TOP LINE ●●●



- Lifetime
- Stock removal

Zirconium flap disc with maximum stock removal performance on steel and optimum results on stainless steel with relatively

## XLOCK

- Long lifetime
- Excellent stock removal performance on black steel and good performance on stainless steel
- Wear-resistant fibre glass backing and plastic backing with X-LOCK mount



### LSZ FB

						Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	211327	PK05	4011890124635	
115 × 22.23	60	13300	10	211328	PK05	4011890124659	
115 × 22.23	80	13300	10	211329	PK05	4011890124673	
115 × 22.23	120	13300	10	211330	PK05	4011890124697	
125 × 22.23	40	12250	10	211331	PK05	4011890124710	
125 × 22.23	60	12250	10	211332	PK05	4011890124734	
125 × 22.23	80	12250	10	211333	PK05	4011890124758	
150 × 22.23	40	10200	10	211689	PK05	4011890127414	
150 × 22.23	60	10200	10	211690	PK05	4011890127438	
150 × 22.23	80	10200	10	211691	PK05	4011890127452	
180 × 22.23	40	8500	10	211423	PK05	4011890125991	
180 × 22.23	60	8500	10	211424	PK05	4011890126011	
180 × 22.23	80	8500	10	211425	PK05	4011890126035	

**LGZ PB X-LOCK**

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	211446	PK05	4011890126103
115 x 22.23	60	13300	10	211447	PK05	4011890126127
115 x 22.23	80	13300	10	211448	PK05	4011890126141
125 x 22.23	40	12250	10	211449	PK05	4011890126165
125 x 22.23	60	12250	10	211450	PK05	4011890126189
125 x 22.23	80	12250	10	211451	PK05	4011890126202



**LSA F1**

PROLINE ●●●○



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

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

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

**LSA F1**

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	202839	PK05	4011890050002
115 x 22.23	60	13300	10	202842	PK05	4011890050019
115 x 22.23	80	13300	10	202845	PK05	4011890050026
115 x 22.23	120	13300	10	202848	PK05	4011890050033
125 x 22.23	40	12250	10	202851	PK05	4011890050095
125 x 22.23	60	12250	10	202854	PK05	4011890050101
125 x 22.23	80	12250	10	202857	PK05	4011890050118
125 x 22.23	120	12250	10	202860	PK05	4011890050125



**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

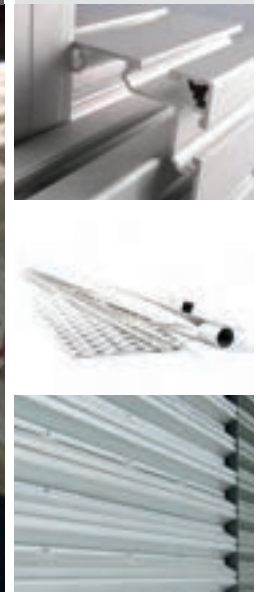
**LSA P1**

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	202475	PK05	4011890013304
115 x 22.23	60	13300	10	202481	PK05	4011890013328
115 x 22.23	80	13300	10	202487	PK05	4011890013342
125 x 22.23	40	12250	10	202591	PK05	4011890043424
125 x 22.23	60	12250	10	202595	PK05	4011890043448
125 x 22.23	80	12250	10	202599	PK05	4011890043462





# FLAP DISCS NON-FERROUS METALS



The special coating prevents the disc from clogging.

**i** 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 grinding aluminium with an electrical angle grinder you can cut dust generation in half by using a aluminium flap disc. Clean the angle grinder with compressed air after each operation. Extraction is mandatory in closed rooms since aluminium dust with high concentration may cause explosions.



40/60

**LGA ALU**

**TOP LINE** ●●●



●●●●○ 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 backing for gentle loosening
- Trimmable ABS backing



Straight

### LGA ALU

⊕	Grid	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	210473	PK05	4011890099667
115 × 22.23	60	13300	10	210474	PK05	4011890099681
125 × 22.23	40	12250	10	210475	PK05	4011890099575
125 × 22.23	60	12250	10	210476	PK05	4011890099704



Straight

### LGA ALU PACK

⊕	Grid	⊖/min	📦	🖨️	Product category	GTIN/PK EAN/PK
125 × 22.23	40	12250	5	211314	PK05	4011890124451
125 × 22.23	60	12250	5	211315	PK05	4011890124468

# 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.

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



**VSK F**

**TOPLINE** ●●●



Lifetime ●●●●○  
Stock removal ●●●○●○

Thanks to the unique combination of two important product properties, the VSK VISION delivers major advantages for the surface finishing of stainless steel. 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 abrasion (abrasive cloth) – saving the operator an entire process step. Optimum revolutions: 3000–3500 rpm

- Grinding and finishing in one operation
- Fine surface finish

**VSK F**

⊕	▣	v/min	📦	💻	Product category	GTIN/pc. EAN/pc.
115 x 22.23	medium/A80	13300	10	353296	PK05	4011890125205
125 x 22.23	coarse/A60	12250	10	353297	PK05	4011890125168
125 x 22.23	medium/A80	12250	10	304146	PK05	4011890113417
125 x 22.23	very-fine/A150	12250	10	353298	PK05	4011890125182





VLS

PRO LINE ●●○



- Lifetime
- Stock removal

Non-woven flap disc for gentle surface treatment.

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

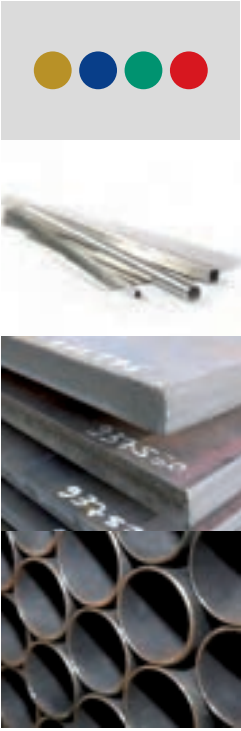
**i** Reduce revolutions!



VLS

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	coarse	13300	10	303343	PK07	4011890070758
115 x 22.23	medium	13300	10	303344	PK07	4011890070772
115 x 22.23	fine	13300	10	303345	PK07	4011890070796
125 x 22.23	coarse	12250	10	303346	PK07	4011890070819
125 x 22.23	medium	12250	10	303347	PK07	4011890070833
125 x 22.23	fine	12250	10	303348	PK07	4011890070857

# FIBRE DISCS



**Material:**

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

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.

**i** 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.



**KFK**

**TOPLINE**



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

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

**i** For use only on matching RH TURBO and RH ST backing pads – see page 143

**KFK**

						Product category	GTIN/pc. EAN/pc.
115 x 22.23	24	13300	25	303325	PK06	4011890066140	
115 x 22.23	36	13300	25	304291	PK06	4011890083352	
115 x 22.23	40	13300	25	305505	PK06	4011890085301	
115 x 22.23	60	13300	25	303324	PK06	4011890066133	
115 x 22.23	80	13300	25	304294	PK06	4011890083451	





### KFK

						Product category	GTIN/pc. EAN/pc.
125 x 22.23		24	12250	25	303329	PK06	4011890066188
125 x 22.23		36	12250	25	304292	PK06	4011890083369
125 x 22.23		40	12250	25	305506	PK06	4011890085318
125 x 22.23		60	12250	25	303327	PK06	4011890066164
125 x 22.23		80	12250	25	303328	PK06	4011890066171
150 x 22.23		36	10200	25	305508	PK06	4011890085332
180 x 22.23		24	8500	25	305512	PK06	4011890085370
180 x 22.23		36	8500	25	305513	PK06	4011890085387
180 x 22.23		40	8500	25	305514	PK06	4011890085394
180 x 22.23		60	8500	25	305515	PK06	4011890085400
180 x 22.23		80	8500	25	305516	PK06	4011890085417



**KFZ**

**TOPLINE** ●●●



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 143



### KFZ

						Product category	GTIN/pc. EAN/pc.
115 x 22.23		24	13300	25	305522	PK06	4011890085479
115 x 22.23		36	13300	25	305523	PK06	4011890085486
115 x 22.23		40	13300	25	305524	PK06	4011890085493
115 x 22.23		60	13300	25	305525	PK06	4011890085509
115 x 22.23		80	13300	25	305526	PK06	4011890085516
125 x 22.23		24	12250	25	300315	PK06	4011890022986
125 x 22.23		36	12250	25	300316	PK06	4011890022993
125 x 22.23		40	12250	25	304003	PK06	4011890081730
125 x 22.23		60	12250	25	300317	PK06	4011890023006
125 x 22.23		80	12250	25	300318	PK06	4011890023013
150 x 22.23		24	10200	25	305527	PK06	4011890085523
150 x 22.23		36	10200	25	305528	PK06	4011890085530
150 x 22.23		40	10200	25	305529	PK06	4011890085547
150 x 22.23		60	10200	25	305530	PK06	4011890085554
150 x 22.23		80	10200	25	305531	PK06	4011890085561
180 x 22.23		24	8500	25	305532	PK06	4011890085578
180 x 22.23		36	8500	25	305533	PK06	4011890085585
180 x 22.23		40	8500	25	305534	PK06	4011890085592
180 x 22.23		60	8500	25	305535	PK06	4011890085608




**KFS**

**PROLINE** ●●●






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

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 143

**KFS**

					Product category	GTIN/pc. EAN/pc.
100 × 16.00	16	15300	25	304284	PK06	4011890083130
100 × 16.00	24	15300	25	304285	PK06	4011890083147
100 × 16.00	36	15300	25	304286	PK06	4011890083154
100 × 16.00	40	15300	25	304287	PK06	4011890083161
100 × 16.00	60	15300	25	304288	PK06	4011890083178
100 × 16.00	80	15300	25	304289	PK06	4011890083185
100 × 16.00	100	15300	25	304283	PK06	4011890082768
100 × 16.00	120	15300	25	304290	PK06	4011890083192
115 × 22.23	16	13300	25	300001	PK06	4011890020807
115 × 22.23	24	13300	25	300002	PK06	4011890020814
115 × 22.23	36	13300	25	300003	PK06	4011890020821
115 × 22.23	40	13300	25	300004	PK06	4011890020838
115 × 22.23	50	13300	25	300005	PK06	4011890020845
115 × 22.23	60	13300	25	300006	PK06	4011890020852
115 × 22.23	80	13300	25	300007	PK06	4011890020869
115 × 22.23	100	13300	25	300008	PK06	4011890020876
115 × 22.23	120	13300	25	300009	PK06	4011890020883
125 × 22.23	16	12250	25	300057	PK06	4011890021262
125 × 22.23	24	12250	25	300058	PK06	4011890021279
125 × 22.23	36	12250	25	300059	PK06	4011890021286
125 × 22.23	40	12250	25	300060	PK06	4011890021293
125 × 22.23	50	12250	25	300061	PK06	4011890021309
125 × 22.23	60	12250	25	300062	PK06	4011890021316
125 × 22.23	80	12250	25	300063	PK06	4011890021323
125 × 22.23	100	12250	25	300064	PK06	4011890021330
125 × 22.23	120	12250	25	300065	PK06	4011890021347
150 × 22.23	24	10200	25	305539	PK06	4011890085646
150 × 22.23	36	10200	25	305540	PK06	4011890085653
150 × 22.23	40	10200	25	305541	PK06	4011890085660
150 × 22.23	60	10200	25	305542	PK06	4011890085677
150 × 22.23	80	10200	25	305543	PK06	4011890085684
150 × 22.23	120	10200	25	305544	PK06	4011890085691
180 × 22.23	16	8500	25	300127	PK06	4011890021828
180 × 22.23	24	8500	25	300128	PK06	4011890021835
180 × 22.23	36	8500	25	300129	PK06	4011890021842
180 × 22.23	40	8500	25	300130	PK06	4011890021859
180 × 22.23	60	8500	25	300132	PK06	4011890021873
180 × 22.23	80	8500	25	300133	PK06	4011890021880
180 × 22.23	120	8500	25	300135	PK06	4011890021903



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/  
polishing

Milling

Diamond tools

Occupational safety

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

**i** For use only on matching RH TURBO and RH ST backing pads – see page 143



SFA

						Product category	GTIN/pc. EAN/pc.
125 x 22.23	16	12250	25	300461	PK06	4011890090565	
125 x 22.23	24	12250	25	300462	PK06	4011890090572	
125 x 22.23	36	12250	25	300463	PK06	4011890090589	
180 x 22.23	24	8500	25	305485	PK06	4011890082591	
180 x 22.23	36	8500	25	305486	PK06	4011890082607	

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

**i** For use only on matching RH ST backing pad – see page 143



SFC

						Product category	GTIN/pc. EAN/pc.
125 x 22.23	16	12250	25	305487	PK06	4011890082614	
125 x 22.23	24	12250	25	300476	PK06	4011890090640	
125 x 22.23	36	12250	25	300477	PK06	4011890090657	
125 x 22.23	60	12250	25	300479	PK06	4011890090664	
180 x 22.23	16	8500	25	300482	PK06	4011890090688	
180 x 22.23	24	8500	25	300483	PK06	4011890090695	
180 x 22.23	36	8500	25	300484	PK06	4011890090701	



## RH TURBO

TOP LINE ●●●

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	GTIN/pc. EAN/pc.
112 × M14	13300	10	300385	PK06	4011890030523
125 × M14	12250	10	300399	PK06	4011890030622
180 × M14	8500	10	300409	PK06	4011890030660

Backing pad



## RHST

PRO LINE ●●○

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	GTIN/pc. EAN/pc.
97 × M10	15300	10	303672	PK06	4011890083307
112 × M14	13300	10	300383	PK06	4011890030509
125 × M14	12250	10	300397	PK06	4011890030608
150 × M14	10200	10	305545	PK06	4011890085707
180 × M14	8500	10	300406	PK06	4011890030646
115 × 5/8	13285	10	307062	PK06	4011890099964
125 × 5/8	12200	10	307081	PK06	4011890100370
150 × 5/8	10185	10	304100	PK06	4011890112588
180 × 5/8	8600	10	307063	PK06	4011890099971

Backing pad





# GRINDING/POLISHING

## 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 x 520	Festool	BF1
6 x 610	Löser	14000; 14021; 14021F
9 x 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Makita	9032
10 x 330	Dynabride	15013
	Proxxon	28536
	Chicago Pneumatic	CP9779, CP858
	Ingersoll Rand	G1811
12 x 520	Festool	BF1
13 x 610	Löser	14000; 14021; 14021F
20 x 560	Festool	BF1
	Suhner	UBC 10-R
30 x 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Fein	RS10-70 E
	Makita	9031
	Suhner	UTC 7-R
40 x 760	Metabo	12-180 Set
	Flex	LRP 1503 VRA
75 x 457	Black & Decker	KA 85 EK; KA 85; KA86
	Bosch	PBS 7 A; PBS 7 AE
	Einhell	BBS 720; BBS 850 E; BTBS 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 x 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 x 560	AEG	HBS 100; HBSE 100; BBS 1100; BBSE 1100
	Elu	MHB90; MHB90 E; MHB90K
	DeWalt	DW 650; DW 650E
100 x 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 x 620	Atlas Copco	BBS 100; BBSE 100
	Bosch	GBS 100 A; GBS 100 AE
	Metabo	Ba 6100
	Milwaukee	BS 100 LE
110 x 620	Hitachi	SB 110
75 x 2000	Fein	GIM; GIC
	Flott	BSM 75; BSM E1
	Holzmann	MSM 75
75 x 2500	Löser	KS 360
100 x 2000	Greif	D30 HFS 100

# ABRASIVE BELTS



### Material:

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

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.



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

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

**ESB CL**

**TOPLINE**



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

### ESB CL

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



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

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

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



**ESB ZL**

				Product category	GTIN/pc. EAN/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
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
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
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



**ESB KK**



**PROLINE** ●●●○

Continuous-feed belt for belt grinders.

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

Backing type: Xcloth  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Closed coating

**ESB KK**



⊕	Grid	Box	Computer	Product category	GTIN/pc. EAN/pc.
30 × 533	40	20	301289	PK06	4011890027240
30 × 533	60	20	301291	PK06	4011890027264
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
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
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	60	20	301525	PK06	4011890029336
100 × 620	80	20	301526	PK06	4011890029343
100 × 620	120	20	301528	PK06	4011890029367



**ESB V**



**PROLINE** ●●●○

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

- XFlex, very flexible
- No delamination
- Uniform surface finish

Backing type: Xflex

**ESB V**



⊕	Grid	Box	Computer	Product category	GTIN/pc. EAN/pc.
9 × 533	coarse	20	305992	PK06	4011890097571
9 × 533	medium	20	305993	PK06	4011890097588
9 × 533	very fine	20	305994	PK06	4011890097595
30 × 533	coarse	20	307044	PK06	4011890099063
30 × 533	medium	20	307045	PK06	4011890099070
30 × 533	very fine	20	307046	PK06	4011890099087
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****TOP LINE**

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

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

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

**ESB CX**

				Product category	GTIN/pc. EAN/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****TOP LINE**

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

Continuous-feed belt with zirconium for stationary belt grinders.

- Zirconium closed coating 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	GTIN/pc. EAN/pc.
75 × 2000	40	10	303692	PK06	4011890121856
75 × 2000	60	10	303693	PK06	4011890121870
75 × 2000	80	10	303694	PK06	4011890121894
75 × 2000	120	10	303695	PK06	4011890121917
75 × 2500	40	10	305587	PK06	4011890086124
75 × 2500	60	10	305588	PK06	4011890086131
75 × 2500	80	10	305589	PK06	4011890086148
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	4011890121931
150 × 2000	60	10	303701	PK06	4011890121955
150 × 2000	80	10	303702	PK06	4011890121979
150 × 2000	120	10	303703	PK06	4011890121993

**ESB KX****PROLINE**

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

- Aluminium oxide closed coating 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: Closed coating

**ESB KX**

				Product category	GTIN/pc. EAN/pc.
75 × 2000	40	10	303689	PK06	4011890122013
75 × 2000	60	10	303690	PK06	4011890122037
75 × 2000	80	10	303691	PK06	4011890122051
150 × 2000	40	10	303696	PK06	4011890122075
150 × 2000	60	10	303697	PK06	4011890122099
150 × 2000	80	10	303698	PK06	4011890122112



# 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	GTIN/pc. EAN/pc.
15 × 30	50	26000	100	305219	PK06	4011890080740	
15 × 30	80	26000	100	305220	PK06	4011890080757	
22 × 20	50	17000	100	305224	PK06	4011890080795	
22 × 20	80	17000	100	305225	PK06	4011890080801	
25 × 25	50	15000	100	305229	PK06	4011890080849	
25 × 25	80	15000	100	305230	PK06	4011890080856	
30 × 30	50	13000	100	305234	PK06	4011890080894	
30 × 30	80	13000	100	305235	PK06	4011890080900	
45 × 30	50	8500	100	305480	PK06	4011890082164	
45 × 30	80	8500	100	305481	PK06	4011890082171	



**SSH**



**PROLINE** ●●○

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

Grain type: Aluminium oxide

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

**SSH**

					Product category	GTIN/pc. EAN/pc.
15 x 30	50	26000	100	305216	PK06	4011890080719
15 x 30	80	26000	100	305217	PK06	4011890080726
15 x 30	150	26000	100	305218	PK06	4011890080733
22 x 20	50	17000	100	305221	PK06	4011890080764
22 x 20	80	17000	100	305222	PK06	4011890080771
22 x 20	150	17000	100	305223	PK06	4011890080788
25 x 25	50	15000	100	305226	PK06	4011890080818
25 x 25	80	15000	100	305227	PK06	4011890080825
25 x 25	150	15000	100	305228	PK06	4011890080832
30 x 30	50	13000	100	305231	PK06	4011890080863
30 x 30	80	13000	100	305232	PK06	4011890080870
30 x 30	150	13000	100	305233	PK06	4011890080887
45 x 30	50	8500	100	305477	PK06	4011890082133
45 x 30	80	8500	100	305478	PK06	4011890082140
45 x 30	150	8500	100	305479	PK06	4011890082157



**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	GTIN/pc. EAN/pc.
15 x 30 x 6.0	26000	5	305412	PK06	4011890081181
22 x 20 x 6.0	17000	5	305413	PK06	4011890081198
25 x 25 x 6.0	15000	5	305414	PK06	4011890081204
30 x 30 x 6.0	13000	5	305416	PK06	4011890081228
45 x 30 x 6.0	8500	5	305482	PK06	4011890082249





# FLAP WHEELS



The uniform arrangement of the flaps ensures consistent wear. Furthermore, cool grinding is achieved with the ventilation of the individual flaps.

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

### Material:

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



Grain type: Aluminium oxide

## SLR

PRO LINE ●●○



Abrasive flap wheel, for use on angle grinders.

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



### SLR

						Product category	GTIN/pc. EAN/pc.
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	



## FS MINI

TOP LINE ●●●



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

Grain type: Aluminium oxide

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

### FS MINI

⊕	Grid	μ/min	Box	PC	Product category	GTIN/pc. EAN/pc.
10 × 10 × 3.0	80	38200	10	305102	PK06	4011890078464
10 × 10 × 3.0	120	38200	10	305103	PK06	4011890078471
15 × 15 × 3.0	80	38200	10	305105	PK06	4011890078495
15 × 15 × 3.0	120	38200	10	305106	PK06	4011890078501
20 × 10 × 3.0	80	38200	10	305108	PK06	4011890078525
20 × 10 × 3.0	120	38200	10	305109	PK06	4011890078532
20 × 15 × 3.0	80	38200	10	305111	PK06	4011890078556
20 × 15 × 3.0	120	38200	10	305112	PK06	4011890078563



## FS K

TOP LINE ●●●



Ceramic grain flap wheel with 6 mm shank.

Grain type: Ceramic grain

- Best stock removal performance thanks to the high-performance abrasive grain
- Large synthetic resin core for a long lifetime
- Flexible X-cloth offers good adjustment to the workpiece



### FS K

⊕	Grid	μ/min	Box	PC	Product category	GTIN/pc. EAN/pc.
40 × 20 × 6.0	60	19100	10	353308	PK06	4011890126332
40 × 20 × 6.0	80	19100	10	353309	PK06	4011890126356
40 × 20 × 6.0	120	19100	10	353310	PK06	4011890126370
60 × 30 × 6.0	60	12700	10	353311	PK06	4011890126394
60 × 30 × 6.0	80	12700	10	353312	PK06	4011890126417
60 × 30 × 6.0	120	12700	10	353313	PK06	4011890126431



## FS

TOP LINE ●●●



Flap wheel with a 6 mm shank.

Grain type: Aluminium oxide

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






### FS

⊕	Grid	μ/min	Box	PC	Product category	GTIN/pc. EAN/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





**FS**

					Product category	GTIN/pc. EAN/pc.
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
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 × 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
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 × 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 × 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
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 × 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 × 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 × 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
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 × 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 × 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

# NON-WOVEN FLAP WHEELS



### Material:

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

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.

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



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

⊕	▫	⊖/mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
40 × 20 × 6.0	A60	17100	10	305313	PK06	4011890079324
40 × 20 × 6.0	A80	17100	10	305314	PK06	4011890079331
40 × 20 × 6.0	A150	17100	10	305315	PK06	4011890079348
40 × 20 × 6.0	A240	17100	10	305316	PK06	4011890079355
40 × 30 × 6.0	A60	17100	10	305317	PK06	4011890079362
40 × 30 × 6.0	A80	17100	10	305318	PK06	4011890079379
40 × 30 × 6.0	A150	17100	10	305319	PK06	4011890079386
40 × 30 × 6.0	A240	17100	10	305320	PK06	4011890079393
50 × 30 × 6.0	A60	13700	10	305650	PK06	4011890086759
50 × 30 × 6.0	A80	13700	10	305651	PK06	4011890086766
50 × 30 × 6.0	A150	13700	10	305652	PK06	4011890086773
50 × 30 × 6.0	A240	13700	10	305653	PK06	4011890086780





### VSK

					Product category	GTIN/pc. EAN/pc.
60 × 30 × 6.0	A60	11500	10	305321	PK06	4011890079409
60 × 30 × 6.0	A80	11500	10	305322	PK06	4011890079416
60 × 30 × 6.0	A150	11500	10	305323	PK06	4011890079423
60 × 30 × 6.0	A240	11500	10	305324	PK06	4011890079430
60 × 40 × 6.0	A60	11500	10	305325	PK06	4011890079447
60 × 40 × 6.0	A80	11500	10	305326	PK06	4011890079454
60 × 40 × 6.0	A150	11500	10	305327	PK06	4011890079461
60 × 40 × 6.0	A240	11500	10	305328	PK06	4011890079478
80 × 40 × 6.0	A60	8600	10	305329	PK06	4011890079485
80 × 40 × 6.0	A80	8600	10	305330	PK06	4011890079492
80 × 40 × 6.0	A150	8600	10	305331	PK06	4011890079508
80 × 40 × 6.0	A240	8600	10	305332	PK06	4011890079515
80 × 50 × 6.0	A60	8600	10	305333	PK06	4011890079522
80 × 50 × 6.0	A80	8600	10	305334	PK06	4011890079539
80 × 50 × 6.0	A150	8600	10	305335	PK06	4011890079546
80 × 50 × 6.0	A240	8600	10	305336	PK06	4011890079553



**VS**

**TOP**LINE ●●●



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

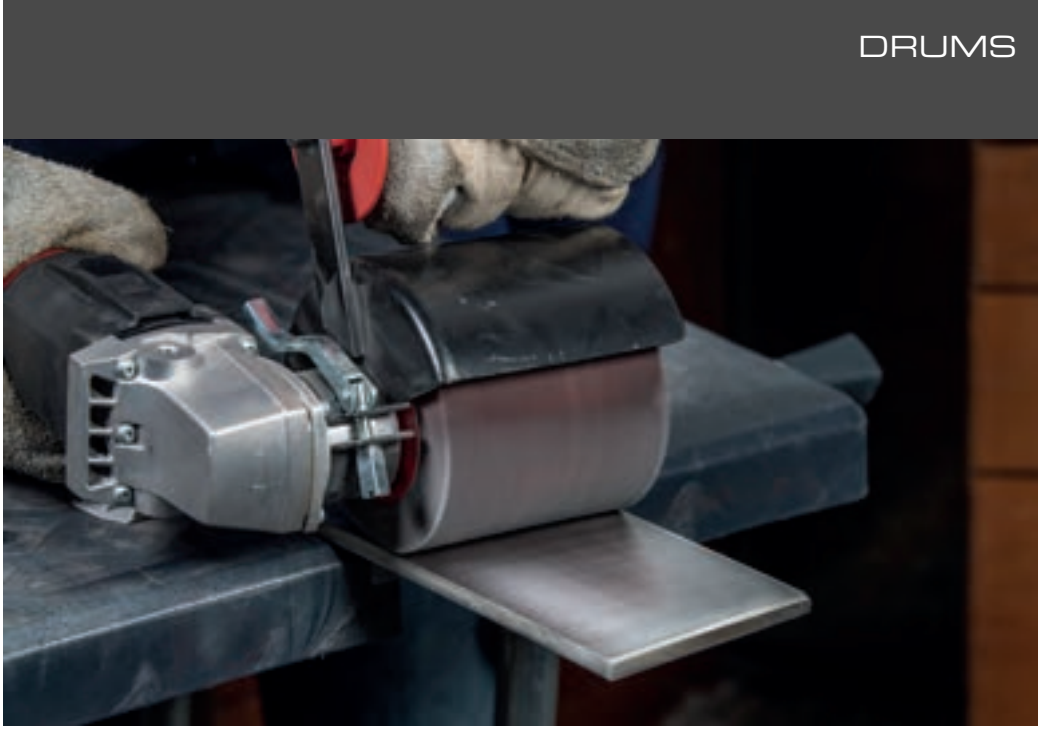
- Consistent finishing
- Very flexible
- Open structure, thus no clogging



### VS

					Product category	GTIN/pc. EAN/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



**Material:**

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

Drums, for use with satin finishing machines.



**SVSW**

**PRO LINE** ●●○



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**

				Product category	GTIN/pc. EAN/pc.
100 x 100 x 19.00	5000	1	305409	PK07	4011890080337





LW



TOP LINE ●●●

Grain type: Aluminium oxide

Abrasive flap drum, for use with satin finishing machines.

- Open design prevents clogging



LW

					Product category	GTIN/pc. EAN/pc.
100 x 100 x 19.00	40	5700	1	305196	PK06	4011890080344
100 x 100 x 19.00	60	5700	1	305197	PK06	4011890080351
100 x 100 x 19.00	80	5700	1	305198	PK06	4011890080368
100 x 100 x 19.00	120	5700	1	305199	PK06	4011890080375



VWK



TOP LINE ●●●

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	GTIN/pc. EAN/pc.
100 x 100 x 19.00	A60	5700	1	305353	PK06	4011890080443
100 x 100 x 19.00	A80	5700	1	305354	PK06	4011890080450
100 x 100 x 19.00	A150	5700	1	305355	PK06	4011890080467



VW

TOP LINE ●●●



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



FW

TOP LINE ●●●



Felt flap drum, for use with satin finishing machines.

- High-quality wool felt
- High-density fill ensures long lifetime

Use felt flap drums with the corresponding polishing paste.

FW

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





## QUICK CHANGE DISCS



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

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

### Material:

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



## SVS QUICK HD

TOPLINE ●●●



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

**i** Optimum revolutions: 3600–4000 rpm



### SVS QUICK HD

⊕	▒	⊖	📦	📱	Product category	GTIN/pc. EAN/pc.
51	extra coarse	10500	10	305403	PK07	4011890081402
76	extra coarse	7000	10	305404	PK07	4011890081419



## LSZ QUICK

TOP LINE ●●●



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

⊕	Grid	rpm	Box	PC	Product category	GTIN/pc. EAN/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



## KFK QUICK

TOP LINE ●●●



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

Backing type: Xsupport  
Grain type: Ceramic grain

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



### KFK QUICK

⊕	Grid	rpm	Box	PC	Product category	GTIN/pc. EAN/pc.
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





36-120

## KFZ QUICK

TOP LINE ●●●



Backing type: Y-cloth  
Grain type: Zirconium

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

- Excellent stock removal  
Grinding active filler material for cool, rapid grinding  
Rapid tool changeover without sticking or slippage



### KFZ QUICK

						Product category	GTIN/pc. EAN/pc.
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	



24-120

## KFS QUICK

PRO LINE ●●○



Backing type: X-support  
Grain type: Aluminium oxide

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

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



### KFS QUICK

						Product category	GTIN/pc. EAN/pc.
51	24	25000	100	333042	PK06	4011890103074	
51	36	25000	50	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	



## VLS QUICK

PRO LINE ●●○








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

 Optimum revolutions: 3600–4000 rpm

### VLS QUICK

					Product category	GTIN/pc. EAN/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	GTIN/pc. EAN/pc.
51	coarse / HD (K50)	23000	50	305277	PK06	4011890081488
51	medium / HD (K80)	23000	50	305278	PK06	4011890081495



## VKS QUICK

TOP LINE ●●●








Unitted 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

 Optimum revolutions: 3600–4000 rpm

### VKS QUICK

					Product category	GTIN/pc. EAN/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





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	GTIN/pc. EAN/pc.
25	40,000	1	307031	PK06	4011890098790
51	25,000	1	305424	PK06	4011890081389
76	20,000	1	305425	PK06	4011890081396

ROLLS



**Material:**

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

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



**SPBR**



**PROLINE**

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

Backing type: Jflex cloth, cotton, flexible and soft  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Closed coating





**SPBR**

⊕	Grid	Box	Computer	Product category	GTIN/pc. EAN/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





## SPBR

				Product category	GTIN/pc. EAN/pc.
50 x 25,000	40	1	300593	PK06	4011890067253
50 x 25,000	60	1	300595	PK06	4011890067260
50 x 25,000	80	1	300596	PK06	4011890067277
50 x 25,000	100	1	300597	PK06	4011890067284
50 x 25,000	120	1	300598	PK06	4011890067291
50 x 25,000	150	1	300599	PK06	4011890067307
50 x 25,000	180	1	300600	PK06	4011890067314
50 x 25,000	220	1	300601	PK06	4011890067321
50 x 25,000	240	1	300602	PK06	4011890067338
50 x 25,000	280	1	300603	PK06	4011890067345
50 x 25,000	320	1	300604	PK06	4011890067352
50 x 25,000	400	1	300605	PK06	4011890067376
40 x 50,000	40	1	300565	PK06	4011890023365
40 x 50,000	60	1	300566	PK06	4011890023372
40 x 50,000	80	1	300567	PK06	4011890023389
40 x 50,000	100	1	300568	PK06	4011890023396
40 x 50,000	120	1	300569	PK06	4011890023402
40 x 50,000	150	1	300570	PK06	4011890023419
40 x 50,000	180	1	300571	PK06	4011890023426
40 x 50,000	240	1	300573	PK06	4011890023440
40 x 50,000	320	1	300575	PK06	4011890023464
40 x 50,000	400	1	300576	PK06	4011890023471
50 x 50,000	40	1	300577	PK06	4011890023488
50 x 50,000	60	1	300578	PK06	4011890023495
50 x 50,000	80	1	300579	PK06	4011890023501
50 x 50,000	100	1	300580	PK06	4011890023518
50 x 50,000	120	1	300581	PK06	4011890023525
50 x 50,000	150	1	300582	PK06	4011890023532
50 x 50,000	180	1	300583	PK06	4011890023549
50 x 50,000	240	1	300585	PK06	4011890023563
50 x 50,000	320	1	300587	PK06	4011890023587
50 x 50,000	400	1	300588	PK06	4011890023594
100 x 50,000	40	1	300618	PK06	4011890023655
100 x 50,000	60	1	300619	PK06	4011890023662
100 x 50,000	80	1	300620	PK06	4011890023679
100 x 50,000	100	1	300621	PK06	4011890023686
100 x 50,000	120	1	300622	PK06	4011890023693
115 x 50,000	40	1	304531	PK06	4011890127995
115 x 50,000	60	1	304532	PK06	4011890128015
115 x 50,000	80	1	304533	PK06	4011890128039
115 x 50,000	100	1	304534	PK06	4011890128053
115 x 50,000	120	1	304535	PK06	4011890128077
115 x 50,000	150	1	304536	PK06	4011890128091
115 x 50,000	180	1	304537	PK06	4011890128114
115 x 50,000	240	1	304538	PK06	4011890128138
115 x 50,000	320	1	304539	PK06	4011890128152
115 x 50,000	400	1	304540	PK06	4011890128176



**KERR**



**PROLINE** ●●○

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: Closed coating

**KERR**

				Product category	GTIN/pc. EAN/pc.
115 x 50,000	40	1	305461	PK06	4011890077030
115 x 50,000	60	1	305462	PK06	4011890077047
115 x 50,000	80	1	305463	PK06	4011890077054
115 x 50,000	100	1	305464	PK06	4011890077061
115 x 50,000	120	1	305465	PK06	4011890077078
115 x 50,000	150	1	305466	PK06	4011890077085
115 x 50,000	180	1	305467	PK06	4011890077092
115 x 50,000	240	1	305468	PK06	4011890077108

Shape RMA OA



**KFPR**



**ALPHALINE** ●○○

Rolls with paper backing and semi-open aluminium oxide coating.

- Particularly suitable for paints and varnishes
- Half-open coating for non-aggressive grinding
- Good for wood finishing

Backing type: A/C-paper  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Semi-open coated

**KFPR**

				Product category	GTIN/pc. EAN/pc.
115 x 50,000	40	1	304029	PK06	4011890067604
115 x 50,000	60	1	304030	PK06	4011890067611
115 x 50,000	80	1	304031	PK06	4011890067628
115 x 50,000	100	1	304032	PK06	4011890067635
115 x 50,000	120	1	304033	PK06	4011890067642
115 x 50,000	150	1	304034	PK06	4011890067659
115 x 50,000	240	1	304037	PK06	4011890067680
115 x 50,000	320	1	304039	PK06	4011890067703

Shape RMA OA



CONTENTS  
Cutting  
Cleaning  
Grinding  
Fine grinding/  
polishing  
Milling  
Diamond tools  
Occupational safety



# ABRASIVE PAPERS



Ready-to-use abrasive sheets for manual sanding.

### Material:

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



60-400

**KKBR**

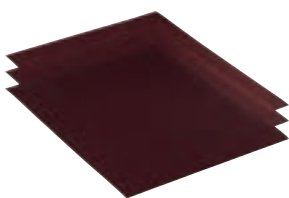
**PROLINE** ●●●○



Backing type: Jflex cloth, cotton, flexible and soft  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Closed coating

Abrasive paper with especially flexible cloth backing.

- Closed coated aluminium oxide for high material abrasion
- Synthetic resin bonding for long lifetime



Shape BA 00

### KKBR

	⊕	▒	📦	📱	Product category	GTIN/pc. EAN/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



**WSP**



**PROLINE**

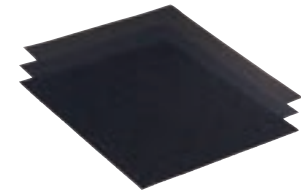
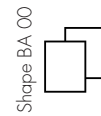
Waterproof abrasive paper with silicon carbide on a paper backing.

- Closed coated silicon carbide for high material abrasion
- Fine grinding grit 2000
- Flexible paper underlay for optimal workpiece adaptation

Backing type: A/C-paper  
 Grain type: Silicon carbide  
 Bond: Synthetic resin

**WSP**

				Product category	GTIN/pc. EAN/pc.
230 x 280	60	50	301003	PK06	4011890026113
230 x 280	80	50	301004	PK06	4011890026120
230 x 280	100	50	301005	PK06	4011890026137
230 x 280	120	50	301006	PK06	4011890026144
230 x 280	150	50	301007	PK06	4011890026151
230 x 280	180	50	301008	PK06	4011890026168
230 x 280	220	50	301009	PK06	4011890026175
230 x 280	240	50	301010	PK06	4011890026182
230 x 280	280	50	301011	PK06	4011890026199
230 x 280	320	50	301012	PK06	4011890026205
230 x 280	360	50	301013	PK06	4011890026212
230 x 280	400	50	301014	PK06	4011890026229
230 x 280	500	50	301015	PK06	4011890026236
230, x 280	600	50	301016	PK06	4011890026243
230 x 280	800	50	301017	PK06	4011890026250
230 x 280	1000	50	301018	PK06	4011890026267
230 x 280	1200	50	301019	PK06	4011890026274
230 x 280	1500	50	305989	PK06	4011890097380
230 x 280	2000	50	305990	PK06	4011890097397



**KFPB**



**ALPHALINE**

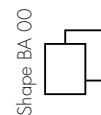
Abrasive paper with a paper backing and semi-open aluminium oxide coating.

- Particularly suitable for paints and varnishes
- Half-open coating for non-aggressive grinding
- Good for wood finishing

Backing type: A/C-paper  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Semi-open coated

**KFPB**

				Product category	GTIN/pc. EAN/pc.
230 x 280	40	50	304051	PK06	4011890081747
230 x 280	60	50	304052	PK06	4011890081754
230 x 280	80	50	304053	PK06	4011890081761
230 x 280	100	50	304054	PK06	4011890081778
230 x 280	120	50	304055	PK06	4011890081785
230 x 280	150	50	304056	PK06	4011890081792
230 x 280	180	50	304057	PK06	4011890081808
230 x 280	220	50	304058	PK06	4011890081815
230 x 280	240	50	304059	PK06	4011890081822
230 x 280	280	50	304060	PK06	4011890081839
230 x 280	320	50	304061	PK06	4011890081846
230 x 280	400	50	305474	PK06	4011890077115



# 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



60/80/  
120

**KGK V**

**TOPLINE** ●●●



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

Self-sharpening, self-fastening disc with ceramic grain, designed for grinding stainless steel. Premium product for weld preparation, for grinding welding seams or defect correction, as well as for structuring and finishing.



- Bond from synthetic resin with abrasive grain fillers for cooler grinding
- Closed coating for high stock removal performance on steel and stainless steel
- Fast, robust stock removal with long lifetime



Form CK 00

### KGK V

	⊕	▣	📄	📺	Product category	GTIN/pc. EAN/pc.
	125	60	50	304553	PK06	4011890128589
	125	80	50	304561	PK06	4011890128732
	125	120	50	304562	PK06	4011890128756







KSN V was developed with the requirements of the automotive industry in mind. The high tear strength and open structure of the mesh ensures optimum dust extraction performance, which in turn offers two decisive advantages: minimal clogging and a long lifetime. Combined with the high-quality aluminium oxide used, these advantages increase performance exponentially. Last but not least, the open mesh structure means that it can be used on any backing pad, regardless of the hole system used.

Backing type: Net fabric  
 Grain type: Aluminium oxide  
 Bond: All-synthetic resin  
 Coating: Electrostatic

- 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 RH15 V.

**KSN V**

				Product category	GTIN/PK EAN/PK
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
150	80	50	333058	PK06	4011890103234
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 ●●●

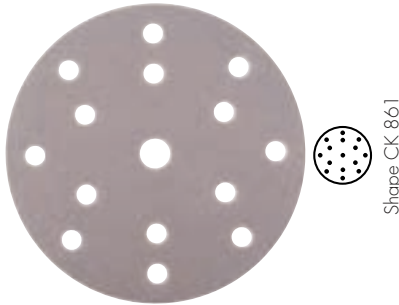


Backing type: Highly tear-resistant plastic foil  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Open coated

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

For matching backing pads, see page 176



### KSF15 V

				Product category	GTIN/pc. EAN/pc.
150	80	50	304350	PK06	4011890099285
150	120	50	304351	PK06	4011890099292
150	150	50	304352	PK06	4011890099315
150	180	50	304353	PK06	4011890099322
150	240	50	304354	PK06	4011890099339
150	320	50	304355	PK06	4011890099346
150	360	50	304356	PK06	4011890099353
150	400	50	304357	PK06	4011890099360
150	600	50	304359	PK06	4011890099384
150	800	50	304360	PK06	4011890099391
150	1000	50	304361	PK06	4011890099407
150	1200	50	304362	PK06	4011890099414
150	1500	50	304363	PK06	4011890099421
150	2000	50	304364	PK06	4011890099438



## SKP15 V

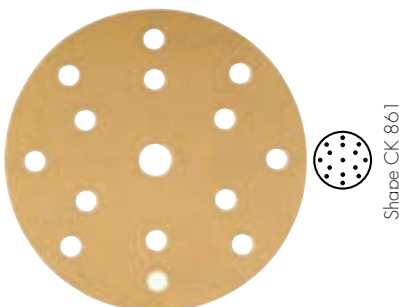
ALPHA LINE ●○○



Backing type: C-paper  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin / stearate  
 Coating: Open coated

Selffastening 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



### SKP15 V

				Product category	GTIN/PK EAN/PK
150	40	50	333208	PK06	4011890104736
150	60	50	333209	PK06	4011890104743
150	80	100	333210	PK06	4011890104750
150	100	100	333211	PK06	4011890104767
150	120	100	333212	PK06	4011890104774
150	150	100	333213	PK06	4011890104781
150	180	100	333214	PK06	4011890104798
150	240	100	333215	PK06	4011890104804
150	320	100	333216	PK06	4011890104811
150	400	100	333217	PK06	4011890104828



# SKP15 WHITE V

ALPHA LINE ●○○



Self fastening disc with 15-hole design for processing of paints, lacquer and fillers.

Backing type: C-paper  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin / Stearat  
 Coating: Open coated

- Paper backing
- Open coated, with special stearate coating
- Optimal when combined with RH15 V

**i** For matching backing pads, see page 176

## SKP15 WHITE V

⊕	Grid	Box	PC	Product category	GTIN/pc. EAN/pc.
150	40	50	305976	PK06	4011890096819
150	60	50	305977	PK06	4011890096826
150	80	50	305978	PK06	4011890096833
150	100	50	305979	PK06	4011890096840
150	120	50	305980	PK06	4011890096857
150	150	50	305981	PK06	4011890096864
150	240	50	305982	PK06	4011890096871
150	320	50	305983	PK06	4011890096888
150	400	50	305984	PK06	4011890096895

Shape CK 861



# RH15 V

TOP LINE ●●●



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

**i** The system fits all machines with a 5/16" or M8 adapter

## RH15 V

⊕	Grid	Box	PC	Product category	GTIN/pc. EAN/pc.
150	hart	1	307060	PK06	4011890099551
150	medium	1	307059	PK06	4011890099544
150	interface	2	307061	PK06	4011890099568

Backing pad





## ZSKP V

TOP LINE ●●●

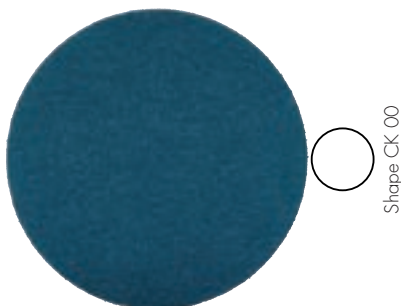


Backing type: Fpaper  
 Grain type: Zirconium  
 Bond: Synthetic resin  
 Coating: Closed coating

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 coating with all-synthetic resin bond for stability
- Fast and robust stock removal with long tool life

For matching backing pads, see page 176



Shape CK 00

### ZSKP V

					Product category	GTIN/PK EAN/PK
	125	40	50	333489	PK06	4011890107546
	125	60	50	333490	PK06	4011890107553
	125	80	50	333491	PK06	4011890107560
	125	120	50	333493	PK06	4011890107584
	150	40	50	333484	PK06	4011890107492
	150	60	50	333485	PK06	4011890107508
	150	80	50	333486	PK06	4011890107515
	150	120	50	333488	PK06	4011890107539



## KERR V

PRO LINE ●●○

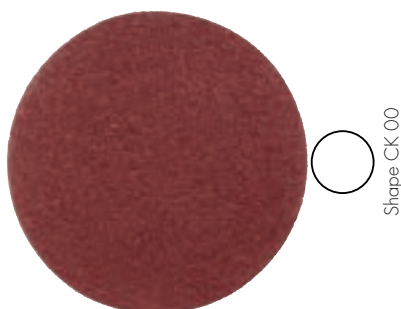


Backing type: Epaper  
 Grain type: Aluminium oxide  
 Bond: Synthetic resin  
 Coating: Closed coating

Self fastening disc without hole system.

- Closed coated aluminium oxide for high material abrasion
- Synthetic resin bonding for long lifetime

Special hole system for Festool machines







Shape CK 00

### KERR V





					Product category	GTIN/pc. EAN/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	GTIN/pc. EAN/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



## KERR V B

				Product category	GTIN/pc. EAN/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



VLS V

PROLINE ●●○








Non-woven self fastening disc for a good surface finish.

- Optimal adhesion with matching backing pad RH V through high-grade self fastening backing pad.
- 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	GTIN/pc. EAN/pc.
115	coarse	13,285	10	305281	PK06	4011890081563
115	medium	13,285	10	305282	PK06	4011890081570
115	very fine	13,285	10	305283	PK06	4011890081587
125	coarse	12,200	10	305284	PK06	4011890081594
125	medium	12,200	10	305285	PK06	4011890081600
125	very fine	12,200	10	305286	PK06	4011890081617







## RH V



ALPHALINE ●○○

High-quality backing pad for self fastening discs.

- With specialised Thook for perfect self fastening adhesion
- Especially suited to non-woven self fastening discs (VLS V)
- Medium hardness



### RH V

				Product category	GTIN/pc. EAN/pc.
115 × M14	13300	1	305426	PK06	4011890081624
125 × M14	12250	1	305427	PK06	4011890081631
150 × M14	10200	1	305428	PK06	4011890081648



## RHST V



ALPHALINE ●○○

High-quality backing pad for self-fastening discs and polishing tools.

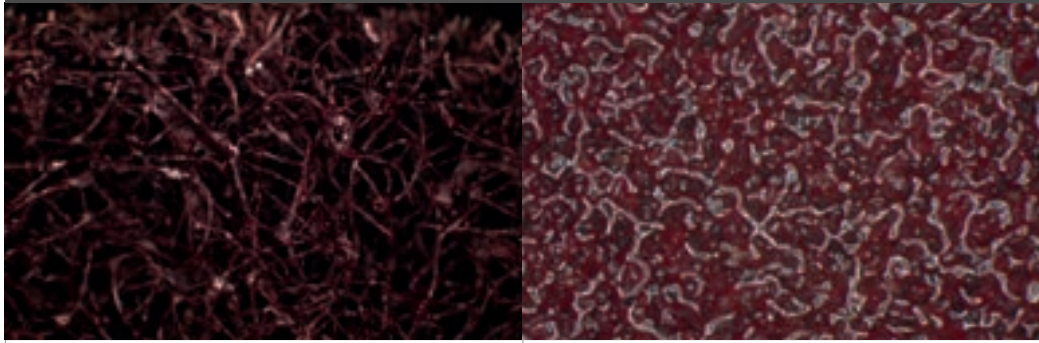
- 3 separate hardness grades for grinding and polishing
- For all paper self fastening discs without holes



### RHST V

					Product category	GTIN/pc. EAN/pc.
115 × M14	hart	13,000	1	333641	PK06	4011890109069
125 × M14	hart	12,000	1	333642	PK06	4011890109076
150 × M14	hart	10,000	1	333643	PK06	4011890109083
150 × M14	medium	8500	1	333644	PK06	4011890109090
150 × M14	weich	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** ●●●○



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	GTIN/pc. EAN/pc.
100 × 10,000	coarse	1	304038	PK06	4011890111277
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
100 × 10,000	general	1	305995	PK06	4011890098479
115 × 10,000	coarse	1	306356	PK06	4011890099810
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





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

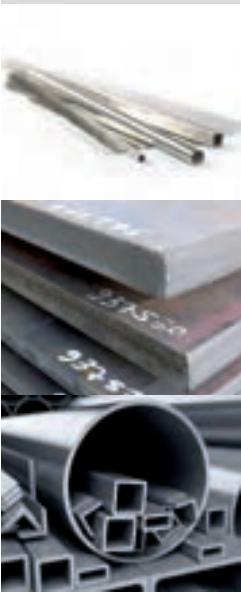
				Product category	GTIN/pc. EAN/pc.
152 × 229	coarse	10	306353	PK06	4011890099780
152 × 229	medium	10	305366	PK06	4011890081655
152 × 229	fine	10	305367	PK06	4011890081662
152 × 229	very fine	10	305368	PK06	4011890081679
152 × 229	ultra-fine	10	305369	PK06	4011890081686



## VLS PAD 5ER MIX-PACK

				Product category	GTIN/PK EAN/PK
152 × 229	1 × medium; 2 × fine; 2 × very fine	1	395020	PK07	4011890128459

# UNITISED DISCS

	Degree of hardness	3 / 4 (medium)	6 / 7 (hard)
	Fields of application	<ul style="list-style-type: none"> <li>• Creation of decorative surfaces</li> <li>• Surface-levelling</li> <li>• Preparation for polishing or coating</li> <li>• Removal of surface defects</li> </ul>	<ul style="list-style-type: none"> <li>• Creation of decorative surfaces</li> <li>• Surface-levelling</li> <li>• Preparation for polishing or coating</li> <li>• Removal of surface defects</li> </ul>

**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.

**i** The material has a high inherent strength and can be profiled. For optimal results, use adjustable angle polishers with reduced revolutions.



**VKS KN**

**TOPLINE**



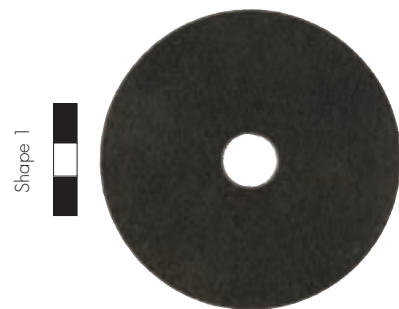
Unitised disc for processing cramped areas and fillet welds.  
Degree of hardness: 3/4 medium; 6/7 hard.

- Optimal in fillet welds
- Decorative surface finish
- Long lifetime

**i** Optimum revolutions: 3600–4000 rpm

**VKS KN**

⊕	⊙	⊖	📦	🖨️	Product category	GTIN/pc. EAN/pc.
115 × 3.2 × 22.23	6A-medium	11000	5	305943	PK07	4011890093702
115 × 3.2 × 22.23	3S-fine	11000	5	305944	PK07	4011890093726
115 × 6.4 × 22.23	6A-medium	11000	5	305945	PK07	4011890093740
115 × 6.4 × 22.23	3S-fine	11000	5	305946	PK07	4011890093764
125 × 3.2 × 22.23	6A-medium	9800	5	305947	PK07	4011890093788
125 × 3.2 × 22.23	3S-fine	9800	5	305948	PK07	4011890093801
125 × 6.4 × 22.23	6A-medium	9800	5	305949	PK07	4011890093825
125 × 6.4 × 22.23	3S-fine	9800	5	305950	PK07	4011890093849
150 × 3.2 × 25.40	6A-medium	7500	5	305972	PK07	4011890096772
150 × 3.2 × 25.40	3S-fine	5000	5	305973	PK07	4011890096789
150 × 6.4 × 25.40	6A-medium	7500	5	305974	PK07	4011890096796
150 × 6.4 × 25.40	3S-fine	5000	5	305975	PK07	4011890096802










Unitised disc, for use with angle grinders.  
Degree of hardness: medium.

- Straight or angled design
- Decorative surface finish
- Long lifetime

 Optimum revolutions: 3600–4000 rpm








## VKSG WS

					Product category	GTIN/pc. EAN/pc.
115 × 22.23	4A-coarse	110000	2	305297	PK07	4011890080139
115 × 22.23	4S-medium	110000	2	305298	PK07	4011890080146
115 × 22.23	4S-very fine	110000	2	305299	PK07	4011890080153
115 × 22.23	6S-very fine	110000	2	305300	PK07	4011890080160
125 × 22.23	4A-coarse	9800	2	305301	PK07	4011890080177
125 × 22.23	4S-medium	9800	2	305302	PK07	4011890080184
125 × 22.23	4S-very fine	9800	2	305303	PK07	4011890080191
125 × 22.23	6S-very fine	9800	2	305304	PK07	4011890080207



## VKSS WS

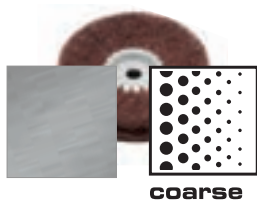
					Product category	GTIN/pc. EAN/pc.
115 × 22.23	4A-coarse	110000	2	305305	PK07	4011890080214
115 × 22.23	4S-medium	110000	2	305306	PK07	4011890080221
115 × 22.23	4S-very fine	110000	2	305307	PK07	4011890080238
125 × 22.23	4A-coarse	9800	2	305309	PK07	4011890080252
125 × 22.23	4S-medium	9800	2	305310	PK07	4011890080269
125 × 22.23	4S-very fine	9800	2	305311	PK07	4011890080276

## GRINDING/POLISHING

## SATIN FINISHING AND POLISHING

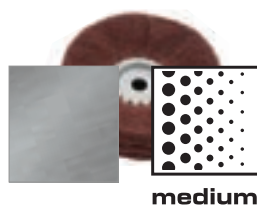
## SATIN FINISH RINGS

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.



coarse

**SAT coarse**  
Aluminium oxide,  
coarse



medium

**SAT medium**  
Aluminium oxide,  
medium



fine

**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 113 onwards. Compatible polishing pastes can be found on page 185.

## Advantages:

- Top-quality randomly oriented fibres
- No obtrusive seams
- Low temperature development
- Homogeneous wear
- 30% reduction in paste consumption compared to standard cloth rings



Stainless steel  
polishing paste  
**White**

Non-ferrous metals  
polishing paste:  
**Brown**

**Pre-polishing**  
**POL 'Sisal cloth'**

Work step following grinding.  
High material abrasion.



Stainless steel  
polishing paste  
**White**

Non-ferrous metals  
polishing paste:  
**Brown**

**Polishing**  
**POL 'Hard non-woven'**

Used to achieve a uniform surface  
quality.



Stainless steel  
polishing paste  
**Blue**

Non-ferrous metals  
polishing paste:  
**Blue**

**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



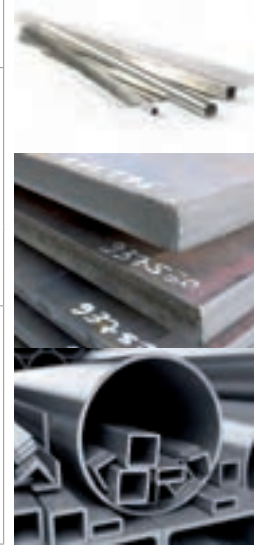
## Angle grinder

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		(H) Felt hardness	
D2	2 mm	H25	soft, high-gloss polishing
D3	3 mm		
D5	5 mm	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.

**i** 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



**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	GTIN/pc. EAN/pc.
115 × 22.23	D5/H25	8500	2	305370	PK07	4011890080290
115 × 22.23	D5/H40	8500	2	305371	PK07	4011890080306
125 × 22.23	D5/H25	7700	2	305372	PK07	4011890080313
125 × 22.23	D5/H40	7700	2	305373	PK07	4011890080320



**FLP**

**TOP LINE** ●●●



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

**FLP**

					Product category	GTIN/pc. EAN/pc.
40 x 30.0 x 6.00	D2/H25	9000	10	305379	PK07	4011890079782
40 x 30.0 x 6.00	D2/H40	9000	10	305380	PK07	4011890079799
40 x 30.0 x 6.00	D3/H25	9000	10	305381	PK07	4011890079805
40 x 30.0 x 6.00	D3/H40	9000	10	305382	PK07	4011890079812
60 x 40.0 x 6.00	D3/H25	7000	10	305383	PK07	4011890079829
60 x 40.0 x 6.00	D3/H40	7000	10	305384	PK07	4011890079836
80 x 50.0 x 6.00	D3/H25	6000	10	305385	PK07	4011890079843
80 x 50.0 x 6.00	D3/H40	6000	10	305386	PK07	4011890079850
80 x 50.0 x 6.00	D5/H25	6000	10	305387	PK07	4011890079867
80 x 50.0 x 6.00	D5/H40	6000	10	305388	PK07	4011890079874



**SAT**

**TOP LINE** ●●●



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	GTIN/pc. EAN/pc.
100 x 20.00*	coarse	4000	1	353069	PK07	4011890073551
100 x 20.00*	medium	4000	1	353070	PK07	4011890073568
100 x 20.00*	fine	4000	1	353071	PK07	4011890073575
100 x 20.00**	Set	4000	1	353073	PK07	4011890073599



\* Reducer ring to hole diameter of 10 mm included in each packing unit.  
 \*\* Shank set with 6 mm diameter included in each packing unit.





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.



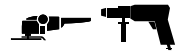
## POL

					Product category	GTIN/pc. EAN/pc.
100 × 20.00*	sisal	4000	1	353062	PK07	4011890073483
100 × 20.00*	hart	4000	2	353063	PK07	4011890073490
100 × 20.00*	weich	4000	2	353064	PK07	4011890073506
100 × 20.00***	Set	4000	1	353072	PK07	4011890073582
150 × 20.00**	sisal	3000	1	353107	PK07	4011890075067
150 × 20.00**	hart	3000	2	353108	PK07	4011890075074
150 × 20.00**	weich	3000	2	353109	PK07	4011890075081
200 × 20.00**	sisal	3000	1	353110	PK07	4011890075098
200 × 20.00**	hart	3000	2	353111	PK07	4011890075104
200 × 20.00**	weich	3000	2	353112	PK07	4011890075111

\* Reducer ring to hole diameter of 10 mm included in each packing unit.

\*\* Reducer ring to hole diameter of 14 mm included in each packing unit.

\*\*\* Shank set with 6 mm diameter included in each packing unit.



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	GTIN/pc. EAN/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 PASTES



**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 ●●●



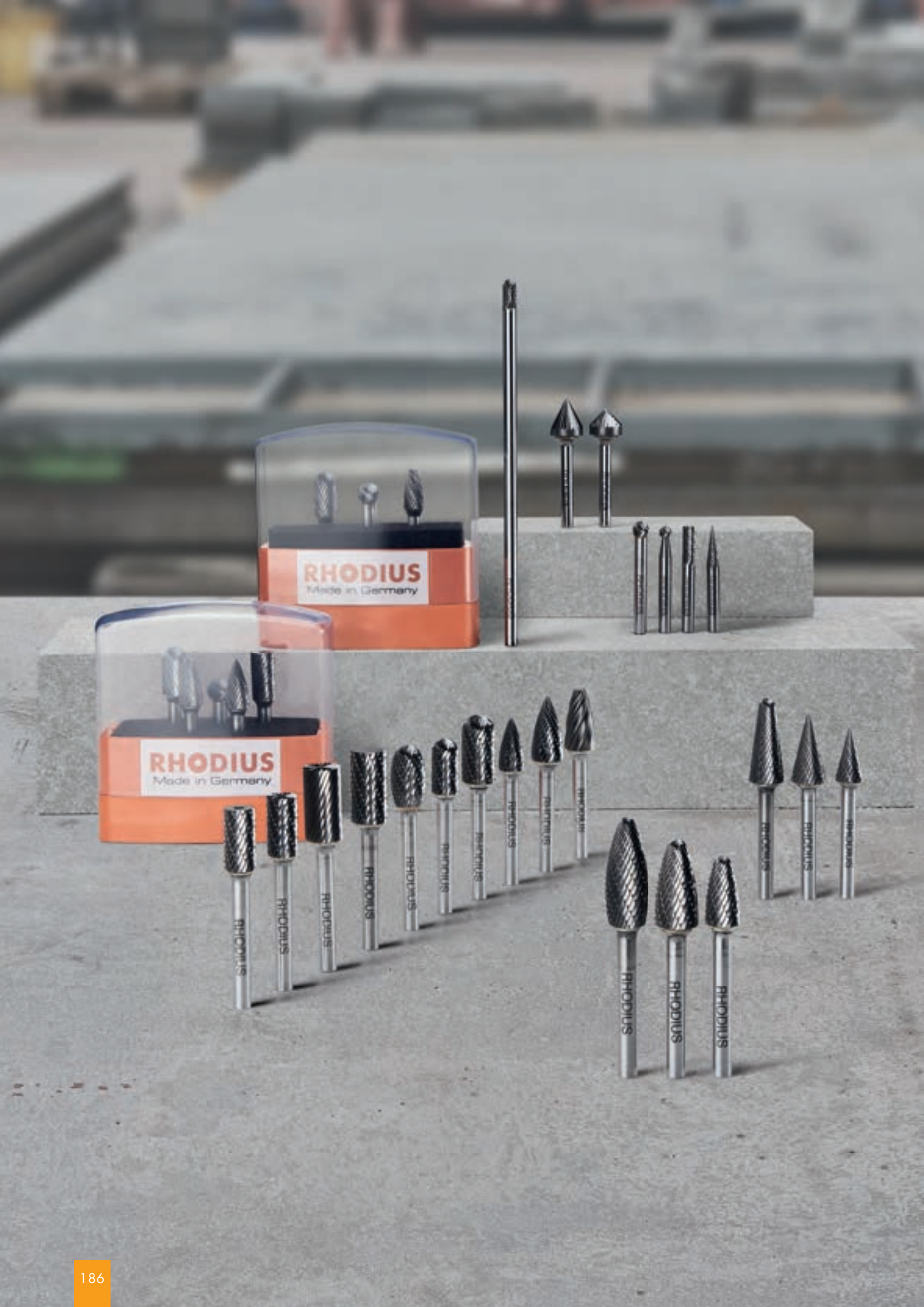
Polishing paste for finishing surfaces up to a mirror finish.  
For matching discs, see page 182.

- White: Pre-polishing for stainless steel and steel
- Brown: Pre-polishing for non-ferrous metals
- Blue: High-gloss polishing work on all materials

**i** A variety of pastes are required, according to the material and processing step

Reference			Product category	GTIN/pc. EAN/pc.
Pre-polishing paste white, for stainless steel and steel	1	353066	PK07	4011890073520
High-gloss polishing paste, for stainless steel, steel and non-ferrous metalsStahl und NE-Metalle	1	353067	PK07	4011890073537
Pre-polishing paste brown, for non-ferrous metals	1	353068	PK07	4011890073544





# MILLING

## CONTENTS

CARBIDE BURRS



190

## MILLING






# 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 consistent 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.

### THE RIGHT CARBIDE BURR

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]	
	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
	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
	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
	Z7 PRO	Double cut	For powerful 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
	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

## MILLING

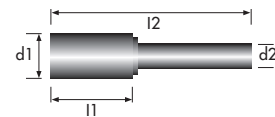
## THE RIGHT REVOLUTIONS

## FOR OPTIMUM WORKING RESULTS

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 TOP



## TOP LINE ●●●

Carbide burr, shape A (ZYA): cylinder without end cut.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape A (ZYA)

### HF A TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305000	PK09	4011890077443
6.3 × 12.7 × 3.0 × 45	Z 6	1	305001	PK09	4011890077450
6 × 18.0 × 6.0 × 50	Z 6	1	305003	PK09	4011890077474
8 × 19.0 × 6.0 × 64	Z 6	1	305004	PK09	4011890077481
9.6 × 19.0 × 6.0 × 64	Z ALU	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 ALU	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



# HF A PRO



## PRO LINE ●●○

Carbide burr, shape A (ZYA): cylinder without end cut.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life



Shape A (ZYA)

### HF A PRO

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7 PRO	1	304506	PK09	4011890127988
8 × 19.0 × 6.0 × 64	Z 7 PRO	1	304507	PK09	4011890127933
9.6 × 19.0 × 6.0 × 64	Z 7 PRO	1	304508	PK09	4011890127971
12.7 × 25.0 × 6.0 × 70	Z 7 PRO	1	304509	PK09	4011890127964



## HF A ALPHA

ALPHALINE ●○○

ZYA

Carbide burr, shape A (ZYA): cylinder without end cut.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

### HF A ALPHA

				Product category	GTIN/pc. EAN/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)



## HF B TOP

TOPLINE ●●●

ZYAS

Carbide burr, shape B (ZYAS): cylinder with end cut.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF B TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305010	PK09	4011890077542
6.3 × 12.7 × 3.0 × 45	Z 6	1	305011	PK09	4011890077559
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 ALU	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 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

Shape B (ZYAS)







Carbide burr, shape B (ZYAS): cylinder with end cut.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life



Shape B (ZYAS)

HF B PRO

					Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7 PRO	1	304510	PK09	4011890127957	
9.6 × 19.0 × 6.0 × 64	Z 7 PRO	1	304511	PK09	4011890127940	
12.7 × 25.0 × 6.0 × 70	Z 7 PRO	1	304512	PK09	4011890127735	



Carbide burr, shape B (ZYAS): cylinder with end cut.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape B (ZYAS)

HF B ALPHA

					Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304380	PK09	4011890109670	
8 × 19.0 × 6.0 × 64	Z 7	1	304558	PK09	4011890128657	
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	
16 × 25.0 × 6.0 × 70	Z 7	1	304557	PK09	4011890128640	



## HF C TOP

TOP LINE ●●●

WRC

Carbide burr, shape C (WRC): ball-nosed cylinder.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF C TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305020	PK09	4011890077641
6 × 18.0 × 6.0 × 50	Z ALU	1	305022	PK09	4011890077665
6 × 18.0 × 6.0 × 50	Z 6	1	305023	PK09	4011890077672
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 ALU	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 ALU	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 × 8.0 × 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)



## HF C PRO

PRO LINE ●●○

WRC

Carbide burr, shape C (WRC): ball-nosed cylinder.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life

### HF C PRO

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7 PRO	1	304513	PK09	4011890127742
8 × 19.0 × 6.0 × 64	Z 7 PRO	1	304514	PK09	4011890127759
9.6 × 19.0 × 6.0 × 64	Z 7 PRO	1	304515	PK09	4011890127766
12.7 × 25.0 × 6.0 × 70	Z 7 PRO	1	304516	PK09	4011890127773

Shape C (WRC)





Carbide burr, shape C (WRC): ball-nosed cylinder.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape C (WRC)

#### HF C ALPHA

				Product category	GTIN/pc. EAN/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
16 × 25.0 × 6.0 × 70	Z 7	1	304559	PK09	4011890128664



Carbide burr, shape D (KUD): ball.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape D (KUD)

#### HF D TOP

				Product category	GTIN/pc. EAN/pc.
3 × 2.5 × 3.0 × 38	Z 6	1	305030	PK09	4011890077740
6 × 4.7 × 6.0 × 50	Z 6	1	305034	PK09	4011890077788
8 × 6.0 × 6.0 × 52	Z 6	1	305035	PK09	4011890077795
9.6 × 8.0 × 6.0 × 54	Z 6	1	305037	PK09	4011890077818
12.7 × 11.0 × 6.0 × 56	Z ALU	1	305038	PK09	4011890077825
12.7 × 11.0 × 6.0 × 56	Z 6	1	305039	PK09	4011890077832



## HF D PRO

PROLINE ●●○

KUD

Carbide burr, shape D (KUD): ball.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life

### HF D PRO

				Product category	GTIN/pc. EAN/pc.
6 x 4.7 x 6.0 x 50	Z 7 PRO	1	304517	PK09	4011890127780
9.6 x 8.0 x 6.0 x 54	Z 7 PRO	1	304518	PK09	4011890127797
12.7 x 11 x 6 x 56	Z 7 PRO	1	304519	PK09	4011890127803

Shape D (KUD)



## HF D ALPHA

ALPHALINE ●○○

KUD

Carbide burr, shape D (KUD): ball.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

### HF D ALPHA

				Product category	GTIN/pc. EAN/pc.
6 x 4.7 x 6.0 x 50	Z 7	1	304387	PK09	4011890109748
9.6 x 8.0 x 6.0 x 54	Z 7	1	304388	PK09	4011890109755
12.7 x 11.0 x 6.0 x 56	Z 7	1	304389	PK09	4011890109762

Shape D (KUD)





Carbide burr, shape E (TRE): oval.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape E (TRE)

#### HF E TOP

					Product category	GTIN/pc. EAN/pc.
9.6 × 16.0 × 6.0 × 60	Z 6	1	305045	PK09	4011890077894	
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	



Carbide burr, shape E (TRE): oval.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape E (TRE)

#### HF E ALPHA

					Product category	GTIN/pc. EAN/pc.
12.7 × 22 × 6.0 × 67	Z 7	1	304560	PK09	4011890128671	



## HF F TOP

TOP LINE ●●●

RBF

Carbide burr, shape F (RBF): ball-nosed tree.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF F TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305048	PK09	4011890077924
6 × 18.0 × 6.0 × 50	Z ALU	1	305050	PK09	4011890077948
6 × 18.0 × 6.0 × 50	Z 6	1	305051	PK09	4011890077955
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 ALU	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 ALU	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 × 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)



## HF F PRO

PRO LINE ●●○

RBF

Carbide burr, shape F (RBF): ball-nosed tree.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life

### HF F PRO

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7 PRO	1	304520	PK09	4011890127810
8 × 20.0 × 6.0 × 65	Z 7 PRO	1	304521	PK09	4011890127827
9.6 × 19.0 × 6.0 × 64	Z 7 PRO	1	304522	PK09	4011890127834
12.7 × 25.0 × 6.0 × 70	Z 7 PRO	1	304523	PK09	4011890127841

Shape F (RBF)





Carbide burr, shape F (RBF): ball-nosed tree.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape F (RBF)

## HF F ALPHA

					Product category	GTIN/pc. EAN/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	



Carbide burr, shape G (SPG): tree.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape G (SPG)

## HF G TOP

					Product category	GTIN/pc. EAN/pc.
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	
8 × 19.0 × 6.0 × 64	Z 6	1	305061	PK09	4011890078051	
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 ALU	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	



## HF G PRO

PROLINE ●●○

SPG

Carbide burr, shape G (SPG): tree.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life

### HF G PRO

				Product category	GTIN/pc. EAN/pc.
8 × 19.0 × 6.0 × 64	Z 7 PRO	1	304524	PK09	4011890127858
9.6 × 19.0 × 6.0 × 64	Z 7 PRO	1	304525	PK09	4011890127865
12.7 × 25.0 × 6.0 × 70	Z 7 PRO	1	304526	PK09	4011890127872

Shape G (SPG)



## HF G ALPHA

ALPHALINE ●○○

SPG

Carbide burr, shape G (SPG): tree.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

### HF G ALPHA

				Product category	GTIN/pc. EAN/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)





FLF

## HF H TOP

TOPLINE ●●●



Carbide burr, shape H (FLF): flame.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape H (FLF)

## HF H TOP

				Product category	GTIN/pc. EAN/pc.
6 × 14.0 × 6.0 × 50	Z 6	1	305066	PK09	4011890078105
8 × 19.0 × 6.0 × 64	Z 6	1	305067	PK09	4011890078112
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

FLF

## HF H PRO

PROLINE ●●○



Carbide burr, shape H (FLF): flame.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life



Shape H (FLF)

## HF H PRO

				Product category	GTIN/pc. EAN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7 PRO	1	304527	PK09	4011890127889

FLF

## HF H ALPHA

ALPHALINE ●○○



Carbide burr, shape H (FLF): flame.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape H (FLF)

## HF H ALPHA

				Product category	GTIN/pc. EAN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7	1	304397	PK09	4011890109847



## HF J TOP

TOP LINE ●●●

KSJ

Carbide burr, shape J (KSJ): 60° countersink.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF J TOP

				Product category	GTIN/pc. EAN/pc.
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 3	1	305718	PK09	4011890087435

Shape J (KSJ)



## HF K TOP

TOP LINE ●●●

KSK

Carbide burr, shape K (KSK): 90° countersink.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF K TOP

				Product category	GTIN/pc. EAN/pc.
16 × 8.0 × 6.0 × 57	Z 6	1	305080	PK09	4011890078242

Shape K (KSK)





# HF L TOP

TOP LINE ●●●



Carbide burr, shape L (KEL): ball-nosed cone.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime



Shape L (KEL)

## HF L TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 3	1	305724	PK09	4011890087497
6 × 18.0 × 6.0 × 50	Z 6	1	305083	PK09	4011890078273
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 ALU	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 6	1	305088	PK09	4011890078327
16 × 33.0 × 6.0 × 78	Z 6	1	305089	PK09	4011890078334



# HF L PRO

PRO LINE ●●○



Carbide burr, shape L (KEL): ball-nosed cone.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life



Shape L (KEL)

## HF L PRO

				Product category	GTIN/pc. EAN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7 PRO	1	304528	PK09	4011890127896



## HF L ALPHA

ALPHALINE ●○○

KEL

Carbide burr, shape L (KEL): ball-nosed cone.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime

### HF L ALPHA

				Product category	GTIN/pc. EAN/pc.
9.6 × 30.0 × 6.0 × 76	Z 7	1	304556	PK09	4011890128633
12.7 × 32.0 × 6.0 × 77	Z 7	1	304398	PK09	4011890109854

Shape L (KEL)



## HF M TOP

TOPLINE ●●●

SKM

Carbide burr, shape M (SKM): cone.

- Maximum concentricity
- Perfectly coordinated cutting geometry ensures top-quality working results
- Maximum lifetime

### HF M TOP

				Product category	GTIN/pc. EAN/pc.
3 × 11.0 × 3.0 × 38	Z 6	1	305090	PK09	4011890078341
6.3 × 12.7 × 3.0 × 49	Z 6	1	305091	PK09	4011890078358
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 3	1	305735	PK09	4011890087602

Shape M (SKM)





# HF M PRO

PROLINE ●●○



Carbide burr, shape M (SKM): cone.

- High concentricity
- Easy to guide with less aggressive stock removal
- Robust tooth design ensures maximum tool life



Shape M (SKM)

## HF M PRO

					Product category	GTIN/pc. EAN/pc.
9.6 x 16.0 x 6.0 x 64	Z 7 PRO	1	304529	PK09	4011890127902	
12.7 x 22.0 x 6.0 x 71	Z 7 PRO	1	304530	PK09	4011890127728	



# HF M ALPHA

ALPHALINE ●○○



Carbide burr, shape M (SKM): cone.

- High concentricity
- Optimal cutting geometry ensures best work results
- Long lifetime



Shape M (SKM)

## HF M ALPHA

					Product category	GTIN/pc. EAN/pc.
9.6 x 16.0 x 6.0 x 64	Z 7	1	304399	PK09	4011890109861	
12.7 x 22.0 x 6.0 x 71	Z 7	1	304400	PK09	4011890109878	



## HF SET TOP

TOP LINE ●●●

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 TOP

Shape	Quantity	Part No.	Product category	GTIN/PK EAN/PK
Z 6	3	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 TOP

Shape	Quantity	Part No.	Product category	GTIN/PK EAN/PK
Z 6	5	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 10 TOP

TOP LINE ●●●

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 TOP

Shape	Quantity	Part No.	Product category	GTIN/PK EAN/PK
Z 6	10	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





# DIAMOND TOOLS

## CONTENTS

### WALL CHASING MACHINES



212

### DIAMOND CUTTING DISCS



214

### DIAMOND CUP WHEELS



228

### CORE DRILLS/ TILE DRILLS



231

## HIGHLIGHTS



### LD404 ALL IN ONE

- Easy milling in a single operation  
Page 212



### RH403S

- Up to 50% faster  
wall chasing work  
Page 213



### LD300

- High-performance cutting disc suitable for a huge range of applications  
Page 214

## SPECIAL TECHNOLOGIES

**XLOCK™**

More information  
on page 244



More information  
on page 250



More information  
on page 252





# YOUR FASTEST WAY TO THE RIGHT PRODUCT

## GRINDING/DRILLING

		Cup wheels					Core drills		Tile drills	
		Reference	DS1	DS2	DS10	DS40	DS41	CD10	CD15	CD30
Explanation of symbols		Page	∅ mm	Quality reference	Lifetime/cutting ability	Machine suitability				
<p>Concrete</p> <p>Tiles/ceramics</p> <p>Points system</p> <p><b>Lifetime</b> The lifetime indicates the maximum working life for the tool.</p> <p><b>Cutting ability</b> The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		228	115-180	TOPLINE	●●●●●○					
		229	150	TOPLINE	●●●●●○					
		229	100-180	PROLINE	●●●●●○					
		230	100-125	ALPHA LINE	●●●●●○					
		230	100-180	ALPHA LINE	●●●●●○					
		231	68-82	PROLINE	●●●●●○					
		232	68-82	PROLINE	●●●●●○					
		233	6-70	PROLINE	●●●●●○					
		233	6-14	PROLINE	●●●●●○					
Material	Machine suitability									
very hard	Porcelain								○	○
	Granite								○	○
	Hard concrete with aggregates	●	●	○			○	○		
	Ceramic/porcelain tiles								○	○
	Glazed tiles								●	●
medium	High-fired tiles								○	○
	Marble								●	●
	Hard bricks	●	●	●	○	○				
very abrasive	Reinforced concrete/steel concrete	●	●	●			○	○		
	Concrete/paving bricks	●	●	●	●	●	●	●		
	Medium-hard bricks	●	●	●	○	○	●	●		
	Sand-lime brick (hard)	●	●	○	○	○	●	●		
	Concrete bricks (hard)	●	●	○	○	○				
	Concrete blocks	○	○	○	○	○	●	●		
	Sandstone	○		●			○	○		
	Hollow concrete blocks	○		●			●	●		
	Green concrete	○		●			○	○		
	Concrete bricks (soft)	○					○	○		

## DIAMOND TOOLS

# 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 BOND – TO MATCH THE APPLICATION

The diamonds are incorporated into a metal bond. The composition of the segment bond depends on the diamond cutting disc application. If soft/abrasive construction materials need to be cut, a hard bond is chosen for the segment. If the diamond 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.



#### The segment attachment – between steel core and segment

The segments on the RHODIUS diamond cutting discs are attached to the steel core using one of two methods:

##### Laser welding

The best attachment between segment and steel core. Thanks to the segment base (bond without diamonds) in the segment, the diamonds are not affected by welding: instead, laser welding fuses the metal bond with the steel core to make an exceptionally durable bond.



##### Sintering

The attachment between the segment and steel core is created by compacting the segment itself at a high pressure and temperature. Diamond discs with a continuous rim are always sintered. Continuous-rim and sintered segmented diamond discs meet the high standards required for their applications. Whether sintered or laser-welded, all diamond cutting discs are manufactured to the EN 13236 standard.



#### Continuous rim

ensures high-precision cuts and very clean cutting edges



#### Turbo rim

combines a clean cutting edge with short cutting times



#### Segmented rim

Fastest cutting speed and maximum service life with segment heights of up to 17 mm

#### The rim types

The shape of the rim is also a key factor that determines the diamond cutting disc's cutting speed and the 'feel' of the cut while working.



#### Your path to the right product

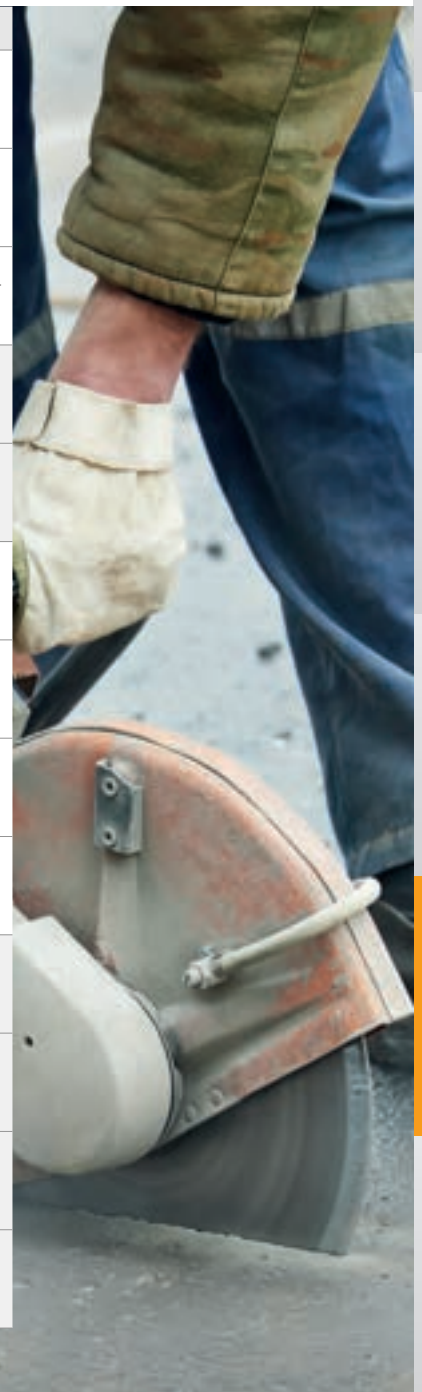
Finding the right diamond tool for your use case all depends on the material being processed. Consult the Product Finder on pp. 016 or use the application matrix (e.g. 'Concrete') in the relevant product chapter to find the information you need and select a product with your chosen quality reference.

## 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 hardness of the segment and the shape of the rim.

Find out how correct handling can increase the performance of your diamond cutting disc.

Problem	Cause	Solution
Disc does not cut or disc becomes dulled	Excessive pressure has been applied during cutting	Apply less pressure when cutting
	The diamond disc is too hard for the material to be cut	Use a cutting disc that is suitable for the material to be cut → Product Finder  Sharpen the disc by making cuts in abrasive material (e.g. soft sand-lime bricks).
End of service life (disc is worn out)	The diamond disc is not suitable for soft, abrasive materials	Use a cutting disc that is suitable for the material to be cut → Product Finder
	Driving power is too low to ensure proper cutting behaviour of the diamond disc	Use a machine with a higher driving power
Disc overheats	Use of a diamond disc that is too hard for the material to be cut	Use a cutting disc that is suitable for the material to be cut → Product Finder
	Cooling for cutting disc is not sufficient	Wet cutting: Ensure adequate water supply and water flow rate
		Dry cutting: Lift the cutting disc out of the cut every 10–15 seconds and let it idle
Blue discolouration on blade	Reduce the feed speed	
Segment loss	Undercutting: wearing down of the steel core underneath the segment	Wet cutting: use enough water to ensure abrasive particles are washed away
		Make routine checks of the steel core and change the disc in good time
	Cutting disc jams	Ensure the material is held firmly and orient the machine straight; mark out a cut line if necessary
	Use of a diamond disc that is too hard for the material to be cut: excessive vibration causes material fatigue	Use a cutting disc that is suitable for the material to be cut → Product Finder



# THANKS TO THE ALL IN ONE NEARLY 50% FASTER



## LD403S / LD404 ALL IN ONE



80  
m/s

- Lifetime
- Cutting ability

Wall slot in a single step. The turbo segments of the straight diamond cutting discs on the outside allow for particularly clean and straight wall chasing. The wave geometry of the inner diamond cutting discs gives you a perfectly clear wall slot.

- No chiselling out of the middle channel required
- Reduces dirt and dust
- Up to 50% time savings by cutting in one operation
- Enables easy chasing of wall slots (up to 40mm of groove depth)



### Material:

- Aerated concrete
- Pumice
- Concrete products
- Concrete
- Fireclay

### Typical applications:

- Easy chasing of wall grooves in a single operation



### LD403S ALL IN ONE EXTENDED



2x milling unit

	⊕	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
	125 x 12.0 x 19.0 x 22.23	12250	1	304504	PK10	4011890127629
	150 x 12.0 x 19.0 x 22.23	10200	1	304505	PK10	4011890127636

### LD404 ALL IN ONE EXTENDED



4x milling unit

	⊕	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
	125 x 12.0 x 28.5 x 22.23	12250	1	353301	PK10	4011890125281
	150 x 12.0 x 28.5 x 22.23	10185	1	353315	PK10	4011890126271



### LD404 ALL IN ONE IN ACTION:

Watch video now on our Youtube channel.  
[https://rhodi.us/gb\\_watch-ld404](https://rhodi.us/gb_watch-ld404)



Quick assembly, thanks to fixed dual-/four-fold disc systems.  
Triple-disc system for 20 mm groove width.  
Fourfold disc system for 30 mm groove width.



Criss-crossed diamond segments enable milling without creating a ridge.

# THE WALL CHASER SAFETY ALL ALONG THE LINE



**RH403S**

**TOP LINE** ●●●

The RH403S offers quick and easy chasing of grooves and ducts in materials such as masonry. The machine also features a slim design. For the wall chaser, RHODIUS offers the two diamond cutting discs LD403S with a width of 19 mm and LD404 with a width of 28.5 mm, with diameters of 125 mm and 150 mm. Thanks to the ALL IN ONE system with its staggered segments, made-to-measure wall slots can be created.

Thanks to the split safety spindle with matching spacers, operators can easily swap out the tool to ensure that setup time is kept to a minimum. The ALL IN ONE can be used only with the split spindle.

- Perfectly tailored to ALL IN ONE
- Foldable hood makes initial cut and milling slots virtually dust-free
- Powerful 2300 W motor for tractive power
- Electronics – soft start, thermal/overload cut-off, overload indicator
- Suction hose lock prevents unintentional disconnection of the hose during milling work
- Tool-free and user-friendly adjustment of milling depth, from 12 to 45 mm
- Spindle lock for easy tool change
- Low clearance between hood and diamond discs allows for working up to 18 mm from the edge
- Closed hood for optimum flow conditions
- Push-to-cut ensures convenient handling
- Extraction nozzle Ø 35 mm for direct connection of a Class M industrial extraction unit
- Spacer rings for individual disc use and special brick chisel available in the add-on kit



**Technical data:**

Power consumption: 2300 W  
 Rated voltage: 230 V AC  
 Rated speed: 4300 rpm  
 Idling speed: 7500 rpm  
 Disc diameter: 150 mm  
 Disc mount: 22.2 mm diameter  
 Max. slot depth: 45 mm  
 Weight: 7.1 kg

**Scope of delivery:**

1 x RH403S wall chaser  
 1 x LD404 diamond cutting disc Ø 150 mm (for 20/25 mm ductwork)  
 2 x spacers 10 & 17 mm for LD403S  
 2 x spacers 17 mm for LD404  
 1 x rugged metal machine case  
 1 x user manual and general safety instructions  
 Spacer rings for individual disc use and special brick chisel available in the add-on kit.



Effortless tool change thanks to split safety spindle and precision-fit spacer rings

**RH403S**

	⊕	📦	📄	Product category	GTIN/pc. EAN/pc.
	Wall chaser for disc diameters up to 150 mm	1	304014	PKSON	4011890110447
	RH403S add-on-kit	1	304015	PKSON	4011890110454



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



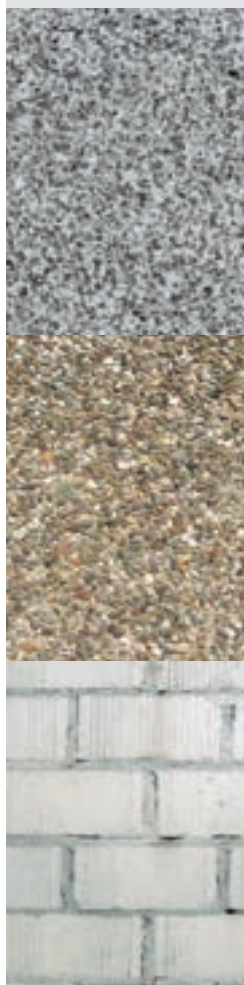
**RH403S  
IN ACTION:**

Watch video now on our Youtube channel.  
[https://rhodi.us/gb\\_watch-rh403s](https://rhodi.us/gb_watch-rh403s)

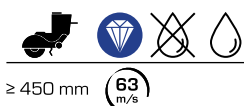




# DIAMOND CUTTING DISCS / UNIVERSAL, CONCRETE



Explanation of symbols		Reference	LD300	LD200 SPEED	LD45	LD40	LD50	DG70	
<b>Points system</b> ●●●●●○		∅ mm	115-404	450-600	300-400	115-400	115-350	115-230	
<b>Lifetime</b> The lifetime indicates the maximum working life for the tool.		Quality reference	TOP LINE ●●●	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●●	ALPHA LINE ●●●	ALPHA LINE ●●●	
<b>Cutting ability</b> The cutting ability provides information about the cutting speed of the tool.		Lifetime/cutting ability	●●●●●●●●	●●●●●●●●	●●●●●●●○	●●●●●○	●●●●○	●●●○	
<b>Material</b>		Machine suitability							
very hard	Granite					○			
	Hard concrete with aggregates			●	●	●	○		
^	Hard paving stones		●	●	●	●	○	○	
	Hard bricks		●		●	●	○		
	Reinforced concrete/steel concrete		●	●	●	●			
medium	Concrete/paving bricks Hard stone/paving slabs		●	●	●	●	●	○	
	Medium-hard bricks		●		●	●	●		
	Slate		●		○	○	○		
	Sand-lime brick (hard)/Concrete bricks (hard) Concrete blocks		●		●	●	○		
v	Concrete roof tiles		●		●	●	○		
	Sandstone		●		○	○	○		
	very abrasive		Hollow concrete blocks	●		●	●	○	
			Green concrete	●			○		
	Concrete bricks (soft)	●	○	○	○				
	X-LOCK				●				



≥ 450 mm **63** m/s



## LD200 SPEED

TOP LINE ●●●



Lifetime ●●●●●●●●  
Cutting ability ●●●●●●●●

The LD200 SPEED was developed for use on light joint cutter and is especially suitable for comfortable cutting of reinforced concrete and also hard concrete with aggregates. Thanks to the forged segments, the vibrations are reduced to a minimum. The LD200 SPEED is equipped with 13mm high segments and a special steel core which is Laser-welded. Suitable for wet and dry cutting.

- 13 mm segment height
- For light floor saws
- Special steel core with cooling openings
- More comfortable cutting due to less vibrations
- Wet and dry cutting
- Laser-welded

### LD200 SPEED

	⊕	∅mm	📄	📱	Product category	GTIN/pc. EAN/pc.
	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

Larger diameters are available on request.





mm:  
**11,0**

## LD45

TOP LINE ●●●

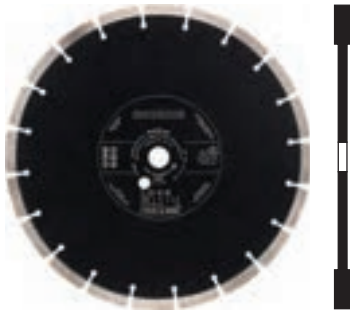
●●●●○ Lifetime  
●●●●○ Cutting ability



300-400 mm **100** m/s

The LD45 is specifically developed for use on table saws and petrol cut-off saws. Due to its high cutting speed and long lifetime, it offers impressive performance on materials ranging from hard concrete with aggregates to soft concrete blocks. The forged segments reduce the vibrations to a minimum. Suitable for wet and dry cutting.

- High cutting speed
- Long lifetime
- Specifically for table saws and petrol cut-off saws
- Wet and dry cutting
- Laser-welded



Straight

### LD45

	⊕	mm	mm	mm	mm	Product category	GTIN/pc. EAN/pc.
		300 × 11.0 × 2.8 × 25.40*	6400	1	303839	PK10	4011890095232
		300 × 11.0 × 2.8 × 20.00	6400	1	303838	PK10	4011890095225
		350 × 11.0 × 3.0 × 25.40*	5500	1	303837	PK10	4011890095195
		350 × 11.0 × 3.0 × 20.00	5500	1	303836	PK10	4011890095188
		400 × 11.0 × 3.2 × 25.40*	4800	1	303833	PK10	4011890095027
		400 × 11.0 × 3.2 × 20.00	4800	1	303835	PK10	4011890095171

\*Reducer rings to hole diameters of 22.2 mm and 20.00 mm included in each packing unit

mm:  
**12,0**

## LD40

PRO LINE ●●●○

●●●●○ Lifetime  
●●●●○ Cutting ability



300-400 mm **100** m/s ≤ 230 mm **80** m/s

**XLOCK**

The LD40 enables high cutting speeds and short cutting times on a wide range of materials from concrete to granite. The 12 mm high diamond segments of the LD40 are laser welded to the steel core of the disc. Suitable for wet and dry cutting.

- 12 mm high segments
- Wide range of applications
- High cutting speed
- Wet and dry cut
- Laser-welded



Straight

### LD40

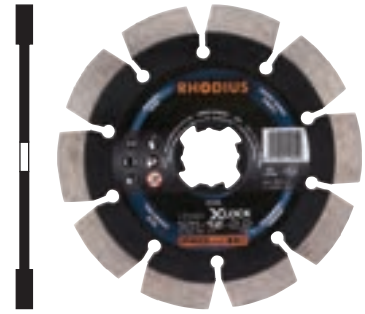
	⊕	mm	mm	mm	mm	Product category	GTIN/pc. EAN/pc.
		115 × 12.0 × 2.2 × 22.23	13300	1	302448	PK10	4011890050316
		125 × 12.0 × 2.2 × 22.23	12250	1	302450	PK10	4011890050323
		150 × 12.0 × 2.4 × 22.23	10200	1	393538	PK10	4011890051832
		180 × 12.0 × 2.4 × 22.23	8500	1	302452	PK10	4011890050330
		230 × 12.0 × 2.4 × 22.23	6650	1	302454	PK10	4011890050347
		300 × 12.0 × 2.8 × 20.00	6400	1	302456	PK10	4011890050354
		300 × 12.0 × 2.8 × 25.40*	6400	1	303437	PK10	4011890072240
		350 × 12.0 × 3.2 × 20.00	5500	1	302514	PK10	4011890050361
		350 × 12.0 × 3.2 × 25.40*	5500	1	303438	PK10	4011890072257
		400 × 12.0 × 3.2 × 25.40*	4800	1	303921	PK10	4011890098622

\*Reducer ring to hole diameter of 20.00 mm included in each packing unit.

**LD40 X-LOCK**

					Product category	GTIN/pc. EAN/pc.
	115 × 12.0 × 2.2 × 22.23	12250	1	353285	PK10	4011890124512
	125 × 12.0 × 2.2 × 22.23	13300	1	353286	PK10	4011890124529

Straight



≤ 230 mm 300-400 mm

**LD50**

**ALPHALINE** ●○○

mm: **10,0**

Lifetime ●●●○○○  
Cutting ability ●●●○○○

The LD50 is the high-performance tool for the cost-conscious user. It achieves good cutting times in concrete, while also offering a good lifetime. Laser-welded. Suitable for wet and dry cutting.

- Good cutting times
- Good lifetime
- Wet and dry cutting
- Laser-welded

**LD50**

					Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 2.2 × 22.23	13300	1	303185	PK10	4011890059104
	125 × 10.0 × 2.2 × 22.23	12250	1	303186	PK10	4011890059111
	150 × 10.0 × 2.4 × 22.23	10200	1	303187	PK10	4011890059128
	180 × 10.0 × 2.4 × 22.23	8500	1	303188	PK10	4011890059135
	230 × 10.0 × 2.4 × 22.23	6650	1	303189	PK10	4011890059142
	350 × 10.0 × 2.8 × 25.40*	5500	1	303447	PK10	4011890072271

Straight



\*Reducer ring to hole diameter of 20.00 mm included in each packing unit.



≤ 230 mm

**DG70**

**ALPHALINE** ●○○

mm: **10,0**

Lifetime ●●●○○○  
Cutting ability ●●●○○○

With the DG70, the user gets an attractive tool for concrete, which offers an impressive price-performance ratio. Suitable for wet and dry cutting.

- Good value for money
- Wet and dry cutting
- Sintered

**DG70**

					Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 1.6 × 22.23	13300	1	304091	PK10	4011890110737
	125 × 10.0 × 1.6 × 22.23	12250	1	304092	PK10	4011890110744
	150 × 10.0 × 2.0 × 22.23	10200	1	304093	PK10	4011890110751
	180 × 10.0 × 2.0 × 22.23	8500	1	304094	PK10	4011890110768
	230 × 10.0 × 2.3 × 22.23	6650	1	304095	PK10	4011890110775

Straight



# DIAMOND CUTTING DISC / ALLCUT



## Explanation of symbols

●●●●●○ Points system

### Lifetime

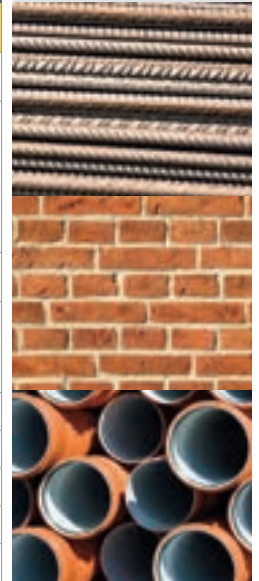
The lifetime indicates the maximum working life for the tool.

### Cutting ability

The cutting ability provides information about the cutting speed of the tool.

- = especially suitable
- ◐ = suitable
- = less suitable

		Reference	DG210 ALLCUT
		Ø mm	115-500
		Quality reference	
		Lifetime/cutting ability	●●●●●○
Material		Machine suitability	
	Reinforcing steel/light structural steel		●
	Universal materials		◐
	Reinforced concrete/Building materials		◐
	Plastics and composites		◐
	Bitumen welding sheets, wood, nails		◐



## DG210 ALLCUT

TOP LINE ●●●



≥ 450 mm 300-400 mm ≤ 230 mm

●●●●●○ Lifetime  
●●●●●○ Cutting ability

With the DG210 ALLCUT, the user gets a real universal disc. It offers an impressively constant cutting performance in a variety of materials. The cooling holes below the segments prevent the steel core from overheating. Vacuum-brazed. Suitable for wet and dry cutting.

- Versatile disc for use in a variety of materials
- Constant cutting performance
- Cooling holes below the segments prevent overheating
- Wet and dry cutting
- Vacuum-brazed



### DG210 ALLCUT

					Product category	GTIN/pc. EAN/pc.
	115 × 3.0 × 2.5 × 22.23	13300	1	303387	PK10	4011890071397
	125 × 3.0 × 2.5 × 22.23	12250	1	303388	PK10	4011890071403
	150 × 3.0 × 2.5 × 22.23	10200	1	303389	PK10	4011890071410
	180 × 3.0 × 2.8 × 22.23	8500	1	303390	PK10	4011890071427
	230 × 3.0 × 2.8 × 22.23	6650	1	303391	PK10	4011890071434
	300 × 3.0 × 3.1 × 25.40*	6400	1	303366	PK10	4011890071441
	350 × 3.0 × 3.1 × 25.40*	5500	1	303368	PK10	4011890071465
	400 × 3.0 × 3.3 × 25.40*	4800	1	303369	PK10	4011890071472
	500 × 3.0 × 3.9 × 25.40*	2450	1	303370	PK10	4011890071489

\*Reducer ring to hole diameter of 20.00 mm included in each packing unit.



# DIAMOND CUTTING DISCS / ASPHALT

### Explanation of symbols

●●●●●○ Points system

### Lifetime

The lifetime indicates the maximum working life for the tool.

### Cutting ability

The cutting ability provides information about the cutting speed of the tool.

- = especially suitable
- ◐ = suitable
- = less suitable

		Reference	LD70	LD60
		∅ mm	300-500	300-500
		Quality reference		
		Lifetime/cutting ability	●●●●●○	●●●●●○
		Machine suitability		
<b>Material</b>				
Asphalt			●	●
Green concrete			○	



## LD70



Lifetime ●●●●●○  
Cutting ability ●●●●●○

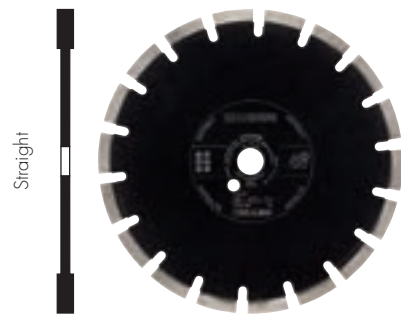
The LD70 is equipped with 13 mm high diamond segments. The wear protection segments used here on the LD70 reduce under-cutting of the steel core and a particularly high standard of safety is achieved. The forged segments reduce the vibrations to a minimum. Suitable for wet and dry cutting.

- 13 mm segment height
- Wear protection segments work to prevent under-cutting of the steel core
- Forged segments
- Wet and dry cutting
- Laser-welded

### LD70

					Product category	GTIN/pc. EAN/pc.
	300 × 13.0 × 2.8 × 25.40*	6400	1	303512	PK10	4011890072530
	350 × 13.0 × 3.0 × 25.40*	5500	1	303489	PK10	4011890072349
	400 × 13.0 × 3.2 × 25.40*	4800	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

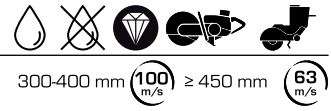
\*Reducer rings to hole diameters of 22.2 mm and 20.00 mm included in each packing unit





# LD60

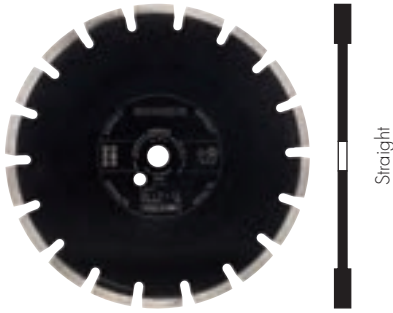
PRO LINE ●●○



- Lifetime
- Cutting ability

The LD60 is equipped with 11 mm high diamond segments. The wear protection segments used here on the LD60 reduce under-cutting of the steel core and a particularly high standard of safety is achieved. The forged segments reduce the vibrations to a minimum. Laser-welded. Suitable for wet and dry cutting.

- 11 mm segment height
- Very safe through depth protection segments
- Forged segments
- Wet and dry cutting
- Laser-welded



## LD60

	⊕	mm	mm	mm	mm	Product category	GTIN/pc. EAN/pc.
	300 × 11.0 × 2.8 × 20.00	6400	1	303746	PK10	4011890085219	
	300 × 11.0 × 2.8 × 25.40*	6400	1	303494	PK10	4011890072394	
	350 × 11.0 × 3.0 × 20.00	5500	1	303747	PK10	4011890085226	
	350 × 11.0 × 3.0 × 25.40*	5500	1	303496	PK10	4011890072417	
	400 × 11.0 × 3.2 × 20.00	4800	1	303748	PK10	4011890085233	
	400 × 11.0 × 3.2 × 25.40*	4800	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 diameter of 20.00 mm included in each packing unit. Larger diameters are available on request.



# DIAMOND CUTTING DISCS / NATURAL AND ARTIFICIAL STONE

## Explanation of symbols

●●●●●○ Points system

### Lifetime

The lifetime indicates the maximum working life for the tool.

### Cutting ability

The cutting ability provides information about the cutting speed of the tool.

- = especially suitable
- ◐ = suitable
- = less suitable

Reference	LD410 SPEED	LD4	DG35	DG55
	∅ mm	115-400	115-230	115-230
Quality reference				
	Lifetime/ cutting ability	●●●●●●●●	●●●●●○	●●●●●○
Machine suitability				
Material				
Porcelain			○	
Granite	●	●	●	●
Hard concrete with aggregates	◐	◐	◐	
Ceramic/porcelain tiles/ Glazed tiles/High-fired tiles		●	○	○
Marble	●	◐	○	○
Hard paving stones	●	◐	◐	
Clay roof tiles	●		◐	○
Hard bricks/Reinforced concrete/steel concrete/ Concrete pipes/kerbstones	●	◐	○	
Concrete/paving bricks	●	◐	◐	○
Hard stone/paving slabs	●	◐	○	○
Medium-hard bricks	●	◐	○	○
Slate/Sand-lime brick (hard)/ Concrete bricks (hard)	◐	●	○	
Concrete blocks/Hollow concrete blocks	◐	○	○	○
Concrete roof tiles	●	○	◐	○
X-LOCK			●	



300-400 mm (100 m/s) ≤ 230 mm (80 m/s)

## LD410 SPEED

TOP LINE ●●●

mm: 13,0-17,0

Lifetime ●●●●●●●●  
Cutting ability ●●●●●●●●

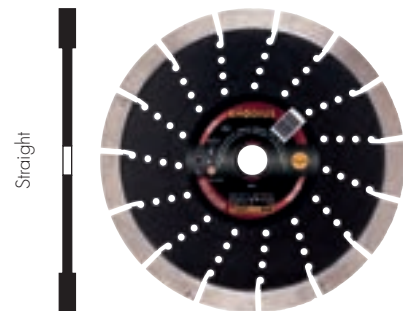


With its 17 mm high diamond segments, the LD410 SPEED achieves an extra-long lifetime in materials from granite to concrete. The LD410 SPEED enables particularly comfortable cutting as the vibrations have been reduced to a minimum with the forged segments. In addition, the steel core has cooling openings. It is particularly suited for angle grinders, table saws and petrol-driven cut-off saws. Laser-welded. Suitable for wet and dry cutting.

- Extra-long lifetime due to forged segments with a height of up to 17 mm
- For angle grinders, petrol-driven cut-off saws and table saws
- Special steel core with cooling openings
- More comfortable cutting due to less vibrations
- Wet and dry cutting
- Laser-welded

### LD410 SPEED

	⊕	U/min	📦	📄	Product category	GTIN/pc. EAN/pc.
	115 × 13.0 × 2.4 × 22.23	13300	1	303712	PK10	4011890084878
	125 × 13.0 × 2.4 × 22.23	12250	1	303713	PK10	4011890084885
	150 × 13.0 × 2.4 × 22.23	10200	1	303714	PK10	4011890084892
	180 × 13.0 × 2.4 × 22.23	8500	1	303715	PK10	4011890084908
	230 × 17.0 × 2.8 × 22.23	6650	1	303716	PK10	4011890084915
	300 × 17.0 × 2.8 × 25.40*	6400	1	303718	PK10	4011890084939
	350 × 17.0 × 3.0 × 25.40*	5500	1	303720	PK10	4011890084953
	400 × 17.0 × 3.2 × 25.40*	4800	1	303722	PK10	4011890084977



\*Reducer ring to hole diameter of 20.00 mm included in each packing unit.

mm: **12,0**

## LD4

PROLINE ●●○

●●●●○ Lifetime  
●●●●○ Cutting ability

The LD4 is equipped with 12 mm high turbo segments and is particularly convincing due to its excellent cutting ability in materials from granite to concrete. Laser-welded. Suitable for wet and dry cutting.

- 12 mm segment height
- Long lifetime
- Very high cutting speed due to specially shaped turbo segments
- Wet and dry cutting
- Laser-welded



Straight

### LD4

	⊕	U/min	📦	💻	Product category	GTIN/pc. EAN/pc.
	115 x 12.0 x 2.2 x 22.23	13300	1	303160	PK10	4011890057834
	125 x 12.0 x 2.2 x 22.23	12250	1	303161	PK10	4011890057841
	150 x 12.0 x 2.4 x 22.23	10200	1	303162	PK10	4011890057858
	180 x 12.0 x 2.4 x 22.23	8500	1	303163	PK10	4011890057865
	230 x 12.0 x 2.4 x 22.23	6650	1	303164	PK10	4011890057872



80 m/s

mm: **10,0**

## DG35

PROLINE ●●○

●●●●○ Lifetime  
●●●●○ Cutting ability

The high-performance diamond cutting disc DG35 with continuous turbo rim offers an impressively long lifetime, high cutting speed and a wide range of possible applications from granite to concrete. At the same time, its 10 mm high segments allow fast working and clean cutting edges. Suitable for wet and dry cutting.

- 10 mm segment height for a very good lifetime
- Short cutting times
- Continuous turbo rim enables high cutting speed and clean cutting edges
- Usable on a wide range of materials from granite to concrete
- Wet and dry cutting



Straight

### DG35







	⊕	U/min	📦	💻	Product category	GTIN/pc. EAN/pc.
	115 x 10.0 x 2.0 x 22.23	13300	1	302236	PK10	4011890050378
	125 x 10.0 x 2.0 x 22.23	12250	1	302239	PK10	4011890050385
	180 x 10.0 x 2.3 x 22.23	8500	1	302242	PK10	4011890050392
	230 x 10.0 x 2.5 x 22.23	6650	1	302245	PK10	4011890050408



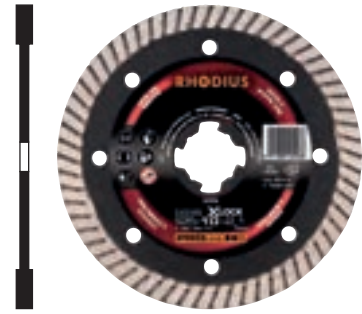
80 m/s

**XLOCK**

**DG35 X-LOCK**

					Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 2.1 × 22.23	13300	1	353294	PK10	4011890125229
	125 × 10.0 × 2.1 × 22.23	12250	1	353295	PK10	4011890125236

Straight



**DG55**

ALPHALINE ●○○











Lifetime ●●○○○○  
Cutting ability ●●○○○○

The all-round tool DG55 provides the user with a very good price-performance ratio in the area of natural stones. The continuous turbo rim allows fast working and clean cutting edges. Suitable for wet and dry cutting.

- Universal application for natural stones
- Good price-performance ratio
- Continuous turbo rim enables high cutting speed and clean cutting edges
- Wet and dry cutting

**DG55**

					Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 1.9 × 22.23	13300	1	303402	PK10	4011890071816
	125 × 7.0 × 1.9 × 22.23	12250	1	303404	PK10	4011890071823
	180 × 7.0 × 2.2 × 22.23	8500	1	303408	PK10	4011890071847
	230 × 7.0 × 2.5 × 22.23	6650	1	303410	PK10	4011890071854

Straight

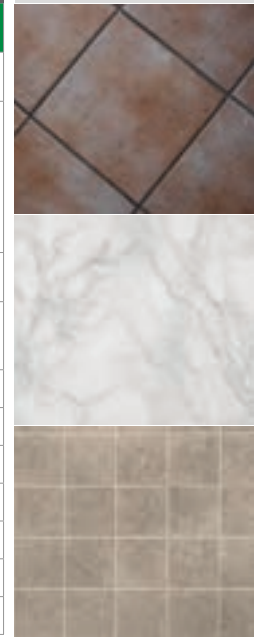




# DIAMOND CUTTING DISCS / TILES, CERAMICS

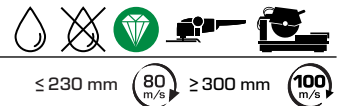


Explanation of symbols		Reference	DG10	DG15	LD1	DG45	DG25	DG50
<p>●●●●●○ Points system</p> <p><b>Lifetime</b> The lifetime indicates the maximum working life for the tool.</p> <p><b>Cutting ability</b> The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		∅ mm	115-350	115-125	115-230	115-125	115-230	105-250
		Quality reference	TOP LINE	TOP LINE	TOP LINE	PRO LINE	PRO LINE	ALPHA LINE
		Lifetime/cutting ability	●●●●●○	●●●●●○	●●●●●○	●●●○○○	●●○○○○	●○○○○○
<b>Material</b>		Machine suitability	○/✗ 	○/✗ 	○/✗ 	○/✗ 	○/✗ 	○/✗ 
	Porcelain		●	●	●	○	○	○
	Granite		●	●	●	○	○	○
	Ceramic/porcelain tiles		●	●	●	●		○
	Glazed tiles		●	●	●	●	○	●
	High-fired tiles		●	●	●	○		○
	Marble		●	●	●	○	●	○
	X-LOCK			●				●



## DG10

### TOP LINE ●●●



●●●●●○ Lifetime  
●●●●●● Cutting ability

The extra-thin DG10 was specifically developed for dry cutting and offers a maximum of performance and precision on a wide range of materials. The extra-thin DG10 was specifically developed for dry cutting and offers a maximum of performance and precision on a wide range of materials. This enables extremely short cutting times and very clean cutting edges. At the same time, dust generation during dry cutting has been further reduced with the DG10.

- Low dust generation
- Continuous turbo rim enables high cutting speed
- Narrow cut width for exact cuts and clean cutting edges
- Usable for a wide range of materials
- Developed for dry cutting



Straight

### DG10

	⊕	mm	kg	Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 1.4 × 22.23	13300	1	PK10	4011890082256
	125 × 10.0 × 1.4 × 22.23	12250	1	PK10	4011890087695
	230 × 10.0 × 2.0 × 22.23	6650	1	PK10	4011890082263
	300 × 10.0 × 2.0 × 25.40	6400	1	PK10	4011890082270
	350 × 10.0 × 2.0 × 25.40*	5500	1	PK10	4011890082287

\*Reducer ring to hole diameter of 20.00 mm included in each packing unit.



## DG15

TOP LINE ●●●



Lifetime ●●●●○  
Cutting ability ●●●●●

80  
m/s

**X-LOCK**

With a segment width of 1.4 mm, the DG15 is able to achieve very high cutting speeds. Due to the special diamond bond within the 10 mm high segments, it is particularly suited for cutting high-fired tiles, stoneware and ceramics. In this area, it shows its full potential and also excels with very low dust generation during dry cutting. With its reinforced steel core, the DG15 ensures a precise cut and clean cutting edges.

- 10 mm high segments
- Low dust generation
- Optimised diamond bond for hard tiles, ceramics and fine stoneware
- Reinforced steel core ensures a precise cut and a clean cutting edge
- 1.4 mm segment width for a high cutting speed
- Wet and dry cutting

### DG15

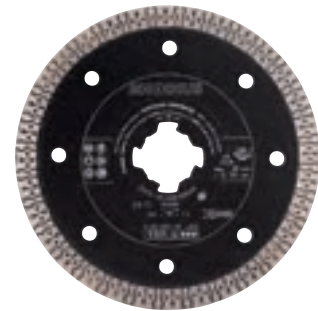
					Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 1.4 × 22.23	13300	1	303900	PK10	4011890097670
	125 × 10.0 × 1.4 × 22.23	12250	1	303870	PK10	4011890095638

### DG15 X-LOCK

					Product category	GTIN/pc. EAN/pc.
	115 × 10.0 × 1.4 × 22.23	13300	1	353281	PK10	4011890124345
	125 × 10.0 × 1.4 × 22.23	12250	1	353282	PK10	4011890124352

Straight

Straight



## LD1

TOP LINE ●●●



Lifetime ●●●●○  
Cutting ability ●●●●●

80  
m/s

The LD1 ensures a cool, fast and particularly precise cut – with a smooth continuous rim and clean cutting edge. At the same time, dust generation during dry cutting is reduced to a minimum. Suitable for wet and dry cutting.

- Low dust generation
- Extra-thin cutting disc for a high cutting speed and precise cuts
- Smooth continuous rim for a clean cutting edge
- Wet and dry cutting

### LD1

					Product category	GTIN/pc. EAN/pc.
	115 × 5.0 × 1.2 × 22.23	13300	1	303101	PK10	4011890055342
	125 × 5.0 × 1.2 × 22.23	12250	1	303102	PK10	4011890055359
	180 × 5.0 × 1.9 × 22.23	8500	1	303103	PK10	4011890055366
	230 × 5.0 × 1.9 × 22.23	6650	1	303104	PK10	4011890055373

Straight





## DG45

PRO LINE ●●●○

●●●●○ Lifetime  
●●●●○ Cutting ability



80  
m/s

With its smooth continuous rim, the DG45 enables short cutting times, particularly smooth cutting and very clean cutting edges. The DG45 was specifically developed for dry cutting applications and shows its full potential in this area with its 10 mm high segments.

- 10 mm high segments
- Short cutting times
- Smooth continuous rim for a clean cutting edge
- Specifically developed for dry cutting



### DG45

	⊕	⊖	📄	🖨️	Product category	GTIN/pc. EAN/pc.
🔪	115 × 10.0 × 1.6 × 22.23	13300	1	302390	PK10	4011890038666
🔪	125 × 10.0 × 1.6 × 22.23	12250	1	302393	PK10	4011890049754



## DG25

PRO LINE ●●●○

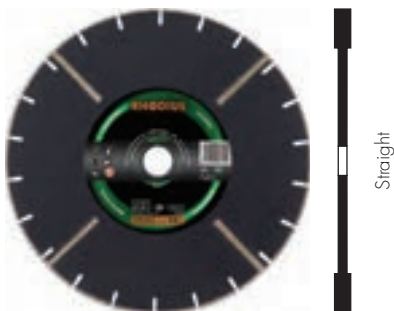
●●○○○ Lifetime  
●●●○○ Cutting ability



80  
m/s

The DG25 is an electroplated special cutting disc and optimised for marble. It achieves short cutting times and a long lifetime. The DG25 makes very precise work much easier. Optimal free cut results in clean cutting edges. Suitable for wet and dry cutting.

- Short cutting time
- Long lifetime
- Electroplated special cutting disc
- Diamond bond optimised for marble
- Precise cuts and clean cutting edges
- Optimal free cut
- Wet and dry cutting



### DG25

	⊕	⊖	📄	🖨️	Product category	GTIN/pc. EAN/pc.
🔪	115 × 3.0 × 2.4 × 22.23	13300	1	303171	PK10	4011890057988
🔪	125 × 3.0 × 2.4 × 22.23	12250	1	303172	PK10	4011890057995
🔪	180 × 3.0 × 2.6 × 22.23	8500	1	303173	PK10	4011890058008
🔪	230 × 3.0 × 3.0 × 22.23	6650	1	303174	PK10	4011890058015



# DG50



80 m/s ≥ 300 mm 100 m/s



ALPHALINE ●○○

Lifetime ●●○○○○  
Cutting ability ●●○○○○

The DG50 offers an impressively good price-performance ratio. With its smooth continuous rim, it ensures clean cutting edges and is suited for universal use in tiles. Suitable for wet and dry cutting.

- Smooth continuous rim for clean cutting edges
- Universal application
- Good price-performance ratio
- Wet and dry cutting

## DG50

	⊕	mm	📦	💻	Product category	GTIN/pc. EAN/pc.
	105 × 7.0 × 1.6 × 22.23	15300	1	304466	PK10	4011890123041
	115 × 7.0 × 1.6 × 22.23	13300	1	303053	PK10	4011890054062
	125 × 7.0 × 1.6 × 22.23	12250	1	303054	PK10	4011890054079
	150 × 7.0 × 1.6 × 22.23	10200	1	303197	PK10	4011890059388
	180 × 7.0 × 1.9 × 22.23	8500	1	303055	PK10	4011890054086
	180 × 7.0 × 1.9 × 25.40	8500	1	303056	PK10	4011890054093
	180 × 7.0 × 1.9 × 30.00*	8500	1	303710	PK10	4011890084571
	200 × 7.0 × 1.9 × 30.00*	7650	1	303711	PK10	4011890084588
	230 × 7.0 × 1.9 × 22.23	6650	1	303057	PK10	4011890054109
	230 × 7.0 × 1.9 × 25.40	6650	1	303058	PK10	4011890054116
	250 × 7.0 × 1.9 × 25.40	6150	1	304467	PK10	4011890123058

\*Reducer rings to hole diameters of 25.4 mm and 22.23 mm included in each packing unit.

Reducer ring to 16.00 mm hole included with 105 mm diameter and to 20.00 mm hole with 250 mm diameter.

## DG50 X-LOCK

	⊕	mm	📦	💻	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 1.6 × 22.23	13300	1	353283	PK10	4011890124499
	125 × 7.0 × 1.6 × 22.23	12250	1	353284	PK10	4011890124505



# DIAMOND CUP WHEELS / ANGLE GRINDERS



Explanation of symbols		Reference	DS1	DS2	DS10	DS40	DS41
<p>●●●●●○ Points system</p> <p><b>Lifetime</b> The lifetime indicates the maximum working life for the tool.</p> <p><b>Cutting ability</b> The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		∅ mm	115-180	150	100-180	100-125	100-180
Quality reference							
Lifetime/cutting ability			●●●●●○	●●●●●○	●●●●●○	●●●●●○	●●●●●○
Material		Machine suitability					
Hard concrete with aggregates			●	●	○		
Hard bricks			●	●	●	○	○
Reinforced concrete/ steel concrete			●	●	●		
Concrete/paving bricks			●	●	●	●	●
Medium-hard bricks			●	●	●	○	○
Sand-lime brick (hard)			●	●	○	○	○
Concrete bricks (hard)			●	●	○	○	○
Concrete blocks			○	○	○	○	○
Sandstone			○		●		
Hollow concrete blocks			○		●		
Green concrete			○		●		
Concrete bricks (soft)			○				



## DS1

TOP LINE ●●●



80  
m/s

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

The DS1 is equipped with forged turbo segments, enabling maximum stock removal and extending the lifetime at the same time – a key advantage when processing concrete products. The user saves time, especially when levelling formwork joints.

- Maximum stock removal
- Ideal for levelling formwork joints
- Forged turbo segments for rapid, aggressive stock removal and a long lifetime

Also suitable for Hilti machines



### DS1

					Product category	GTIN/pc. EAN/pc.
	115 × 5.0 × 8.0 × 22.23	13300	1	303868	PK10	4011890095614
	125 × 5.0 × 8.0 × 22.23	12250	1	303504	PK10	4011890072479
	180 × 5.0 × 8.0 × 22.23	8500	1	303506	PK10	4011890072486



80  
m/s

## DS2

TOP LINE ●●●

mm: 5,0

Lifetime ●●●●○  
Stock removal ●●●●●

With high stock removal and notably good dust removal, the DS2 is especially convincing – particularly when used with Hilti machines. The segments on the DS2 are aligned in a vortex-like pattern to ensure maximum stock removal.

- High stock removal performance
- Good dust removal
- Segments aligned in vortex-like pattern for maximum stock removal
- Special adapter for Hilti machines

Special adapter for Hilti machines

### DS2

					Product category	GTIN/pc. EAN/pc.
	150 × 5.0 × 8.0 × 19.00	10200	1	303765	PK10	4011890089989



Diamond cup wheel



50  
m/s

## DS10

PRO LINE ●●●

mm: 5,0

Lifetime ●●●●○  
Stock removal ●●●●●

The high diamond concentration of the DS10 enables trouble-free, aggressive grinding over a long period.

- High concentration of diamonds
- Long lifetime
- Aggressive grinding

### DS10

					Product category	GTIN/pc. EAN/pc.
	100 × 5.0 × 8.0 × 22.23	15300	1	302916	PK10	4011890042724
	100 × 5.0 × 8.0 × M14	15300	1	302927	PK10	4011890042793
	125 × 5.0 × 8.0 × 22.23	12250	1	302917	PK10	4011890042731
	125 × 5.0 × 8.0 × M14	12250	1	302928	PK10	4011890042809
	180 × 5.0 × 8.0 × 22.23	8500	1	303766	PK10	4011890089996



Diamond cup wheel



## DS40



ALPHALINE ●○○

50 m/s

- Lifetime
- Stock removal

The DS40 is a very good choice for the cost-conscious professional. The DS40 achieves high stock removal and makes work easier thanks to efficient dust removal.

- Good dust removal
- Good stock removal
- Good price-performance ratio



### DS40

					Product category	GTIN/pc. EAN/pc.
	100 × 5.0 × 8.0 × 22.23	15300	1	303416	PK10	4011890071885
	125 × 5.0 × 7.0 × 22.23	12250	1	303222	PK10	4011890061312



## DS41



ALPHALINE ●○○

50 m/s

- Lifetime
- Stock removal

The positioning of the diamond segments prevents quick clogging of the cup wheel and enables excellent dust removal at the same time.

- Prevents clogging
- Excellent dust removal



### DS41

					Product category	GTIN/pc. EAN/pc.
	125 × 5.0 × 7.0 × 22.23	12250	1	303603	PK10	4011890076989
	180 × 5.0 × 7.0 × 22.23	8500	1	303554	PK10	4011890076415



# CORE DRILLS

## Explanation of symbols

●●●●●○ Points system

### Lifetime

The lifetime indicates the maximum working life for the tool.

### Cutting ability

The cutting ability provides information about the cutting speed of the tool.

- = especially suitable
- ◐ = suitable
- = less suitable

Reference		CD10	CD15	CD30	CD40
Ø mm		68-82	68-82	6-70	6-14
Quality reference					
Lifetime/cutting ability		●●●●●○	●●●●●○	●●●●●○	●●●●●○
Machine suitability					
Material	Porcelain			◐	◐
	Granite			◐	◐
	Hard concrete with aggregates	○	○		
	Ceramic/porcelain tiles			◐	◐
	Glazed tiles			●	●
	High-fired tiles			◐	◐
	Marble			●	●
	Reinforced concrete/steel concrete	○	○		
	Concrete/paving bricks	●	●		
	Medium-hard bricks	●	●		
	Sand-lime brick (hard)	●	●		
	Concrete blocks	●	●		
	Sandstone	○	○		
	Hollow concrete blocks	●	●		
	Green concrete	○	○		
Concrete bricks (soft)	◐	◐			



## CD10

PRO LINE ●●●○



The core drill CD10 convinces the professional with its high drilling speed and with a very long lifetime. The CD10 can be ideally complemented with the CDS accessories package.

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

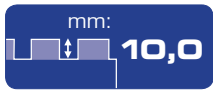
- Can be used with fitting accessories CDS
- Extremely long service life
- High cutting speed

### CD10

	⊕	mm	PC	PK	Product category	GTIN/pc. EAN/pc.
	68 x 10.0 x 3.5 x M16	2500	1	303419	PK10	4011890071908
	82 x 10.0 x 3.5 x M16	2000	1	303420	PK10	4011890071915







## CD15

PROLINE ●●○



- Lifetime
- Stock removal

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 suction 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 creation.

- Universal application in old and new constructions
- Particularly suitable for indoor applications
- Matching extraction 304018



### CD15

	⊕	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔧	68 × 9.0 × 3.5 × M16	1	304028	PK10	4011890111185
🔧	82 × 9.0 × 3.5 × M16	1	304016	PK10	4011890110430
🔧	CD15 suction	1	304018	PK10	4011890110423



## CDS

PROLINE ●●○



Matching accessories for CD10, CD30 and CD40 products.

- Matched to core drill



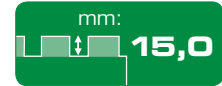
### CDS

	⊕	📦	🖨️	Product category	GTIN/pc. EAN/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

PRO LINE ●●●○



Lifetime ●●●●○  
Stock removal ●●●●○

The CD30 tile drill bit has been designed especially for use on angle grinders with an M14 thread. On smaller diameters, the internal wax layer ensures a cool cut, even at high cutting speeds. This minimises any risk of splintering on the edge of the drill hole. The CD30 also offers users an impressively long tool life.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

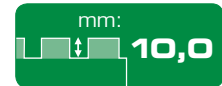
### CD30

	⊕	mm	PC	PK	Product category	GTIN/pc. EAN/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
	4-piece set (6, 8, 10, 12mm)	11000	1	303854	PK10	4011890095379



## CD40

PRO LINE ●●●○



Lifetime ●●●●○  
Stock removal ●●●●○

The CD40 tile drill bit has been designed especially for use on handheld drills with a 1/4" bit adapter. On smaller diameters, the internal wax layer ensures a cool cut, even at high cutting speeds. This minimises any risk of splintering on the edge of the drill hole. The CD40 also offers users an impressively long tool life.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

### CD40

	⊕	mm	PC	PK	Product category	GTIN/pc. EAN/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





# OCCUPATIONAL SAFETY

## CONTENTS

SAFETY GOGGLES 236

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EAR PROTECTION 236

---

LEATHER GLOVES 237

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RESPIRATORY PROTECTION 237

## SE10

With a panoramic view for safe working. Stylish! Practical! Comfortable! Lightweight! Safety goggles must be worn at all times during cutting and grinding work. The panoramic goggles 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	GTIN/pc. EAN/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	GTIN/pc. EAN/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	GTIN/pc. EAN/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	GTIN/pc. EAN/pc.
Dust mask	20	900386	PKSON	4011890061923





**Our discs with extra bite:**

- |                         |        |                      |        |
|-------------------------|--------|----------------------|--------|
| ○ XT100 EXTENDED        | p. 031 | ○ JUMBO SPEED X-LOCK | p. 125 |
| ○ XT100 EXTENDED X-LOCK | p. 031 | ○ JUMBO LONGLIFE     | p. 126 |
| ○ XT200 EXTENDED        | p. 036 | ○ FS K               | p. 153 |
| ○ RS580 EXTENDED        | p. 099 | ○ VISION SPEED       | p. 120 |
| ○ JUMBO SPEED EXTENDED  | p. 124 | ○ KFK                | p. 139 |





# MAXIMUM STOCK REMOVAL

## Thanks to ceramic abrasive grain.

Our cutting discs, grinding discs and flap discs with ceramic abrasive grain and optimally matched bond and coating come with real bite and deliver greater productivity. When you need perfect work results as quickly as possible, RHODIUS CERAMICON is the only answer. The ceramic grain is self-sharpening and does not prematurely break off and cease to be effective, which significantly increases the service life.

## 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
- **Up to triple the lifetime** with ceramic grain

## HIGHLIGHTS



### XT100 EXTENDED

The ideal problem solver for extremely difficult materials. Even in very hard materials such as spring and armour steels, the XT100 simply cuts more easily and noticeably more aggressively.

Page 031



### RS580 EXTENDED

Thanks to a newly developed bond, it is much more cost-effective and convenient for metalworking. The RS580 can be used efficiently with little effort.

Page 099



### JUMBO SPEED EXTENDED

The ceramic grain means that you get the desired working results exceptionally quickly. The JUMBO SPEED, comes out on top for its exceptionally high edge stability.

Page 124



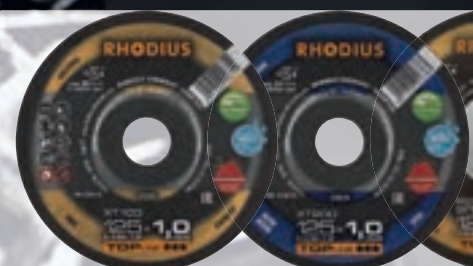




+30%  
PERFORMANCE

**Our power products:**

- |                           |        |                        |        |
|---------------------------|--------|------------------------|--------|
| ● XT100 EXTENDED          | p. 031 | ● JUMBO SPEED EXTENDED | p. 124 |
| ● XT200 EXTENDED          | p. 036 | ● LSZ F EXTENDED       | p. 129 |
| ● RS580 EXTENDED          | p. 099 | ● LD404 EXTENDED       | p. 212 |
| ● JUMBO LONGLIFE EXTENDED | p. 126 |                        |        |





# AT LEAST 30% MORE PERFORMANCE

## Our innovative manufacturing methods make it possible.

The ideas behind the RHODIUS innovations for more performance are both simple and challenging. It is important to get as much active abrasive grain as possible into the disc and into the smallest possible space. Special, newly developed and complex RHODIUS manufacturing methods are the key to success. The abrasive grains support each other, increasing the lifetime of the discs as a result.

## Benefits

- Especially quiet, smooth-running and low-vibration work
- Sharp from the start
- Measurably more cost-effective
- Easy to work

## HIGHLIGHTS



### XT200 EXTENDED

Pre-sharpened and also perfectly adapted for use on regular steel. The newly developed XT200 delivers significantly more cuts, as the best in its class.

Page 036



### JUMBO LONGLIFE EXTENDED

The higher flap density gives you a very long service life. The longer flaps, made of zirconium-ceramic mixed fabric, deliver better stock removal performance. The backing is trimmable.

Page 126



### LD404 ALL IN ONE EXTENDED

Thanks to the optimum combination and the clever wave structure of the diamond segments, the RHODIUS LD404 easily delivers extremely clean and straight cuts on wall chasers.

Page 212





**Our ALU range:**

- |           |        |        |        |
|-----------|--------|--------|--------|
| ● XT24    | p. 039 | ● VLS  | p. 138 |
| ● FT24    | p. 048 | ● KFS  | p. 141 |
| ● RS24    | p. 107 | ● KFK  | p. 139 |
| ● LGA ALU | p. 136 | ● HF F | p. 197 |





# SUITABLE FOR CONTINUOUS USE

## Special fillers prevent the discs from clogging.

ALU discs from RHODIUS have been specially developed for machining aluminium/magnesium alloys as well as copper, bronze, brass and bearing metal. In soft metals, they achieve the required, high stock removal performance at high cutting speed on low-power machines running on battery at reduced revolutions.

## Benefits

- No disc clogging
- High stock removal, high cutting speed
- Also suitable for low-power & battery-powered machines and machines with low revolutions

## HIGHLIGHTS



### XT24

The extra-thin cutting disc is particularly suitable for machining aluminium and copper sheets. With the XT24, the risk of explosion from dust generation can also be cut in half, depending on the application.

Page 039



### RS24

The special filling materials in the bond prevent the grinding disc from clogging. Outstanding stock removal performance and efficient and continuous grinding are therefore possible.

Page 107



### LGA ALU

As all RHODIUS ALU discs, the LGA ALU also delivers maximum performance in clog-prone materials. The special coating prevents the disc from clogging. Another special feature of the disc is the trimmable plastic backing.

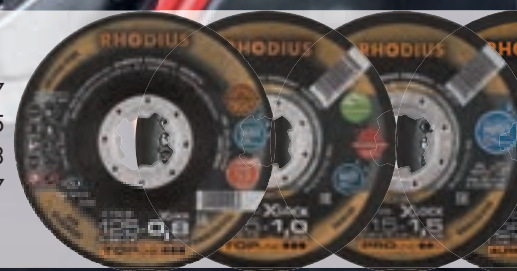
Page 136





**Our X-LOCK range:**

- |                  |        |                 |        |        |        |
|------------------|--------|-----------------|--------|--------|--------|
| ● XTK8           | p. 030 | ● JUMBO SPEED P | p. 125 | ● LD40 | p. 217 |
| ● XT100 EXTENDED | p. 031 | ● VISION SPEED  | p. 120 | ● DG15 | p. 225 |
| ● XT38           | p. 032 | ● LGZ PB        | p. 135 | ● DG35 | p. 223 |
| ● XT70           | p. 034 | ● LSZ F1        | p. 131 | ● DG50 | p. 227 |
| ● FT33           | p. 046 | ● LD300         | p. 214 |        |        |





# ONE ADVANCED TECHNOLOGY MEETS ANOTHER

## And users benefit twice over.

The innovative technologies from RHODIUS which bring even more performance to metalworking can now also be used in combination with BOSCH Professional angle grinders with the X-LOCK system.

Thanks to simple and convenient tool changing, you can now work even faster. Of course, RHODIUS discs with X-LOCK are also backwards compatible.

## Benefits

- Fast, convenient tool change
- Faster work
- Backwards compatible

## HIGHLIGHTS



### XTK8 X-LOCK

With a disc thickness of just 0.8mm, this is currently the thinnest cutting disc in the world with X-LOCK technology. This combination posed a special challenge to tool developers, which RHODIUS has now solved for the first time.

Page 030



### VISION SPEED X-LOCK

The flap discs of the RHODIUS VISION series for the X-LOCK system deliver a decisive advantage with their transparent design. Users can see where they are working and how cleanly and accurately they are working in a controlled manner.

Page 120



### LD300 X-LOCK

This disc was specially developed for the angle grinder. The 12mm-high turbo segments allow for an extremely wide range of applications and ensure a very long service life. Equipped with the X-LOCK mount, the high-performance diamond cutting disc can now be changed even faster.

Page 214





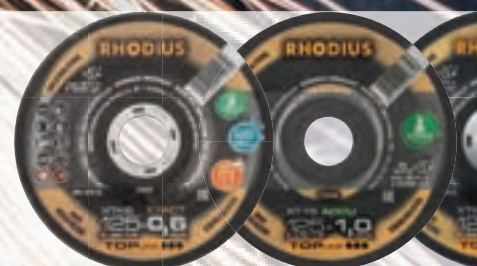
**Our power products:**

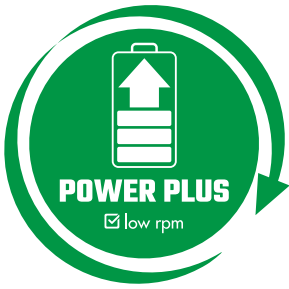
- XTK6 EXACT
- XT15 ACCU BOX
- XTK8 EXACT
- XT24

p. 025  
p. 035  
p. 030  
p. 039

- XTK69 MULTI
- XTK69 MULTI CROSS
- VISION PRO
- LD410 SPEED
- DG15

p. 042  
p. 041  
p. 122  
p. 221  
p. 225





# FULL POWER – EVEN ON BATTERIES!

**Battery-powered angle grinders have specific requirements that need to be met by cutting and grinding discs.**

RHODIUS has several innovative solutions available that ensure the many advantages of battery-powered machines to be exploited in full.

These products have been fine-tuned to optimise battery life and offer maximum power at low machine rpm. Only the highest quality abrasive grain mixes and specialised bonds are used, plus extra-thin form factors that guarantee aggressive grinding and more cuts per charge. These cutting and grinding discs can be identified by their POWER PLUS badge.

## Benefits

- Full power at low machine rpm
- Extended battery life
- More cuts on one charge
- Aggressive grinding

## HIGHLIGHTS



### XTK6 EXACT

At just 0.6 mm, the XTK6 EXACT is the world's thinnest cutting disc. This has a lot of practical advantages. Used on battery machines, it offers a lower level of resistance – so less power is needed for clean, cool cuts.

Page 025



### XT15 ACCU

To see what the XT15 ACCU has been designed for, just look at its name: it's the first RHODIUS cutting disc specially developed for use on battery-powered angle grinders. Where the 1 mm-thick cutting disc offers users impressively high cutting speeds.

Page 035



### FS1 FUSION

The RHODIUS FS1 FUSION combines the power of a grinding disc with the fine surface finish achieved by a flap disc. Ideal for work on fillet welds, this tool can be easily shaped and is an outstanding choice for battery-powered angle grinders thanks to its very soft structure.

Page 098







**Our range of extremely thin disc products:**

- XTK6 EXACT p. 025



# MAXIMUM PRECISION WHEN CUTTING

## Our Extra-Thin technology

The processing of high-alloy 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 ExtraThin 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.

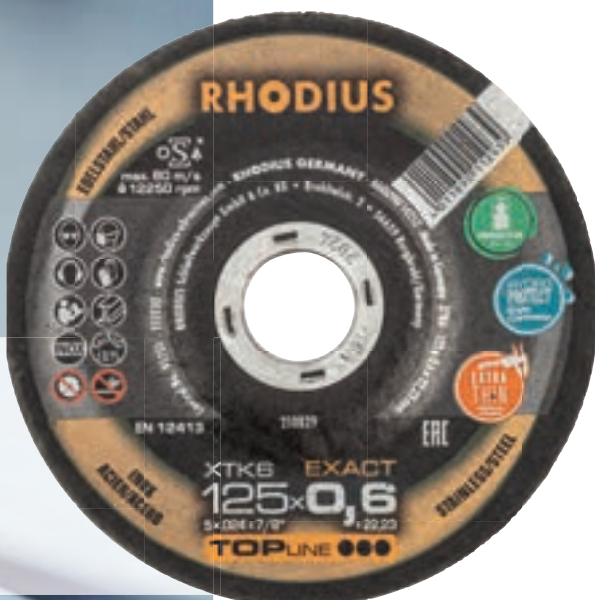
## Benefits

- 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.





**Our smart product line:**

- |               |        |               |        |              |        |
|---------------|--------|---------------|--------|--------------|--------|
| ● XTK6 EXACT  | p. 025 | ● VSK VISION  | p. 123 | ● LD403S/404 |        |
| ● XTK35 CROSS | p. 026 | ● LD200 SPEED | p. 215 | ALL IN ONE   | p. 212 |
| ● FS1 FUSION  | p. 098 |               |        |              |        |



# 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.

## 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. Along with the ventilation effect, a special coating used on the belt ensures cool grinding.

## 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





**Meet our all-rounders:**

- |               |        |                           |        |
|---------------|--------|---------------------------|--------|
| ● XTK35 CROSS | p. 026 | ● XTK69 MULTI CROSS       | p. 041 |
| ● VSK VISION  | p. 123 | ● LD403S/LD404 ALL IN ONE | p. 212 |



## MULTIPLE WORK STEPS WITH JUST ONE TOOL

### Our All-Rounder technology

The professional user's working day often presents with 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 universal competence in multiple applications or work steps. The smart combination of multiple product characteristics and the specific modification of existing products results in a significant alleviation of workload for the users.

### 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.

### Benefits

#### BRAINTOOLS®

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





**Four ways to a better perspective:**

- VISION PRO p. 122
- VISION SPEED p. 120
- VISION COOL p. 121
- VSK VISION p. 123



# CONTINUOUS VISUAL MONITORING WHILE GRINDING

## Our Vision technology

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

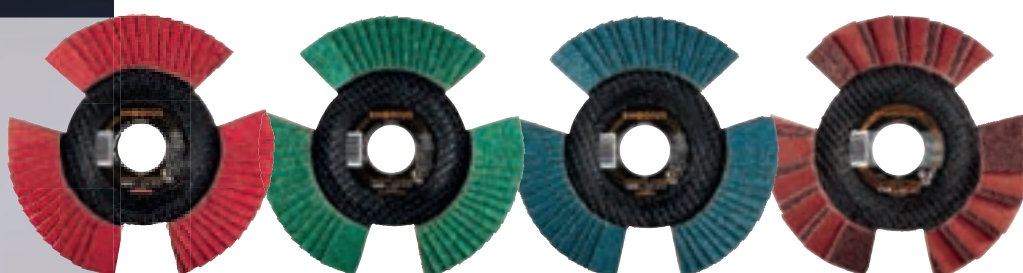
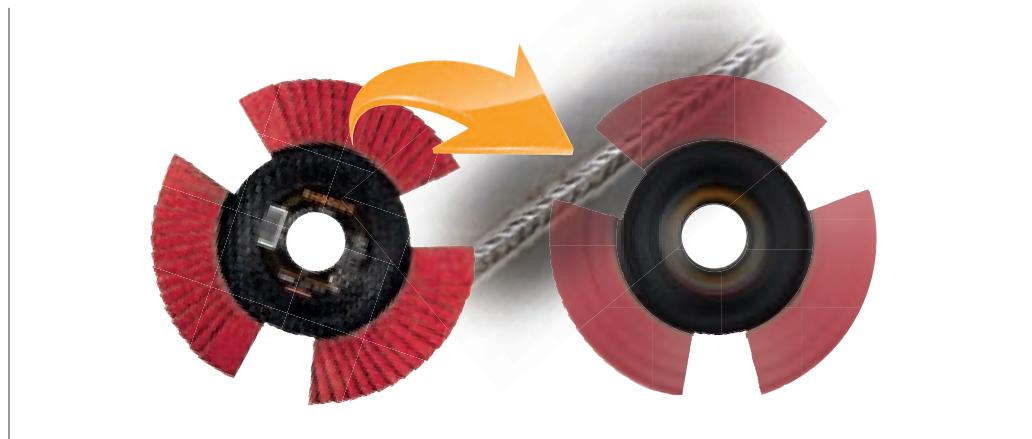
Your benefit: Thanks to a perfectly matched row of abrasive grains, you can see what and how much you are grinding to ensure a controlled material abrasion and excellent surface quality. With the Speed and Cool discs, the ventilation effect is supplemented by a special belt coating that also works to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







**Benefit from better long-term performance:**

- |              |        |               |        |               |        |
|--------------|--------|---------------|--------|---------------|--------|
| ○ XTK6 EXACT | p. 025 | ○ XT38        | p. 032 | ○ XTK10       | p. 031 |
| ○ XT8 EXACT  | p. 029 | ○ XT67        | p. 037 | ○ XTK20       | p. 037 |
| ○ XT10 EXTD. | p. 031 | ○ XT100 EXTD. | p. 031 | ○ XTK35 CROSS | p. 026 |
| ○ XT20       | p. 037 | ○ XT200 EXTD. | p. 036 | ○ XTK38       | p. 033 |
| ○ XT24       | p. 039 | ○ XTK8 EXACT  | p. 030 | ○ XTK67       | p. 038 |



# PERFORMANCE PROTECTOR FOR EXTRA-THIN CUTTING DISCS





## Our HydroProtect technology

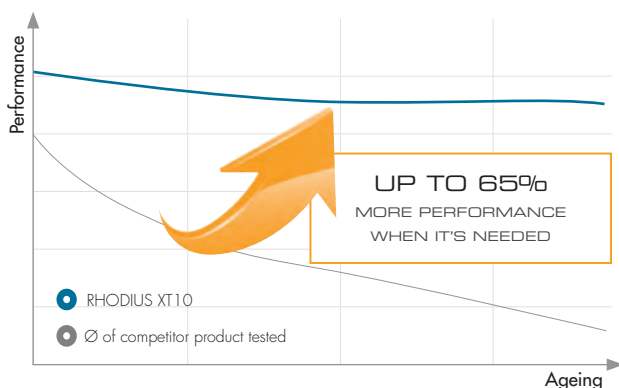
Resin-bonded abrasive discs age and their performance degrades over time, even if they are not being used. Since moisture accelerates ageing, RHODIUS has developed HydroProtect, a special formula that slows the ageing process while retaining abrasive disc performance over the long term. This offers key 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	HydroProtect abrasive disc
 <p>During storage, atmospheric humidity penetrates between the cutting disc's bond matrix and abrasive grain.</p>	 <p>The formulation is modified to create a protective barrier layer that envelopes the abrasive grains.</p>
 <p>The bond is weakened and the grain breaks off uselessly during the cutting processes.</p>	 <p>Premature breakout of the abrasive grains is reduced, working to optimise the performance and efficiency of the cutting disc.</p>



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.

\*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 1.5 x 1.5 x 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)

NOTES

## NOTES

NOTES

## NOTES

## KEYWORD INDEX

<b>A</b>	
Abrasive belts	145
Abrasive papers	168
Abrasive sleeves	150
Alpha cutter	191
ASB XT	028
<b>B</b>	
Backing pad	143
Bevel brushes	078
Bevel brushes / stainless steel	078
Bevel brushes / steel	080
BSBG	091
BSBW	093
<b>C</b>	
CD10	231
CD15	232
CD30	233
CD40	233
CDS	232
Cleaning	054
Core drills	231
Cup brushes	071
Cup brushes / non-ferrous metals, wood	077
Cup brushes / stainless steel	071
Cup brushes / steel	073
Cup wheels / stone	111
Cup wheels & grinding wheels / steel	109
Cup wheels, resin-bonded	109
Cutting	018
Cutting discs / stainless steel for battery-powered grinders	035
<b>D</b>	
DG10	224
DG15	225
DG15 XLOCK	225
DG25	226
DG35	222
DG35 XLOCK	223
DG45	226
DG50	227
DG50 XLOCK	227
DG55	223
DG70	217
DG210 ALLCUT	218
Diamond cup wheels	228
Diamond cup wheels / angle grinders	228
Diamond cutting discs / Asphalt	219
Diamond cutting discs / Natural and artificial stone	221
Diamond cutting discs / tiles, ceramics	224
Diamond cutting discs / universal, concrete	215
Diamond cutting discs/Allcut	218
Diamond discs	215
Diamond tools	206
Drums	157
DS1	228
DS2	229
DS10	229
DS40	230
DS41	230
<b>E</b>	
EHBG	087
EHBW	088
EKBW	079
EKBZ	078
EKNB	089
End brushes	082
End brushes / non-ferrous metals, wood	086
End brushes / stainless steel	082
End brushes / steel	084
EPBW	083
EPBZ	082
ERBW	065
ERBWBM	065
ERBZ	064
ESB CL	145
ESB CX	148
ESB KK	147
ESB KX	149
ESB V	147
ESB ZL	146
ESB ZX	148
ESD	184
ESH	150
ETBW	072
ETBZ	071
Expanding body	151
Extra-thin cutting discs	027
Extra-thin cutting discs / Allcut	041
Extra-thin cutting discs / non-ferrous metals	039
Extra-thin cutting discs / stainless steel	029
Extra-thin cutting discs / steel	036
Extra-thin cutting discs / stone	040
Extra-thin miniature cutting discs / stainless steel	027
<b>F</b>	
Felt polishing flap discs	182
Fibre discs	139
Flap disc for fillet weld treatment / stainless steel	127
Flap discs	124
Flap discs / stainless steel	129
Flap discs / steel	134
Flap wheels	152
FLP	183
FLS	182
Freehand cutting discs	043
Freehand cutting discs / non-ferrous metals	048
Freehand cutting discs / stainless steel	043
Freehand cutting discs / steel	036
Freehand cutting discs / stone	040
FS	153
FS K	153
FS MINI	153
FS1 FUSION	098
FT24	048
FT26	044
FT30	047
FT33	046
FT33 XLOCK	046
FT38	043

## KEYWORD INDEX

FT40	050
FT44	049
FTK24	048
FTK26	044
FTK33	046
FTK38	044
FTK44	050
FW	159
<b>G</b>	
Grinding discs	098
Grinding discs / non-ferrous metals	107
Grinding discs / stainless steel	100
Grinding discs / steel	103
Grinding discs / stone	108
<b>H</b>	
Hand scratch brushes	087
Hand scratch brushes / non-ferrous metals	092
Hand scratch brushes / stainless steel	087
Hand scratch brushes / steel	090
HF A ALPHA	191
HF A PRO	190
HF A TOP	190
HF B ALPHA	192
HF B PRO	192
HF B TOP	191
HF C ALPHA	194
HF C PRO	193
HF C TOP	193
HF D ALPHA	195
HF D PRO	195
HF D TOP	194
HF E ALPHA	196
HF E TOP	196
HF F ALPHA	198
HF F PRO	197
HF F TOP	197
HF G ALPHA	199
HF G PRO	199
HF G TOP	198
HF H ALPHA	200
HF H PRO	200
HF H TOP	200
HF J TOP	201
HF K TOP	201
HF L ALPHA	203
HF L PRO	202
HF L TOP	202
HF M ALPHA	204
HF M PRO	204
HF M TOP	203
HF SET 3 TOP	205
HF SET 5 TOP	205
HF SET 10 TOP	205
HPB	086
HRB	070
HTB	077
<b>J</b>	
JUMBO flap discs / stainless steel	124
JUMBO LONGLIFE EXTENDED	126

JUMBO LONGLIFE TRIM	126
JUMBO SPEED EXTENDED	124
JUMBO SPEED G	125
JUMBO SPEED P X-LOCK	125
JUMBO SPEED PACK	125
<b>K</b>	
KERR	167
KERR V	174
KERR V B	175
KERR V F	175
KFK	139
KFK QUICK	161
KFPB	169
KFPR	167
KFS	141
KFS QUICK	162
KFZ	140
KFZ QUICK	162
KGK V	170
KKBR	168
KSF 1.5 V	172
KSM	047, 106
KSMK	047
KSN V	171
<b>L</b>	
LD1	225
LD40	216
LD40 X-LOCK	217
LD45	216
LD50	217
LD60	220
LD70	219
LD200 SPEED	215
LD300	214
LD300 X-LOCK	214
LD403S/404 ALL IN ONE EXTENDED	212
LD410 SPEED	221
LGA ALU	136
LGA ALU PACK	136
LGK FK	128
LGZ F	130
LGZ F1	130
LGZ F2	132
LGZ F3	133
LGZ P3	133
LGZ PB X-LOCK	135
LSA F1	135
LSA P1	135
LSK FK	127
LSZ F EXTENDED	129
LSZ F1	130
LSZ F1 X-LOCK	131
LSZ F2	131
LSZ F2 BOX	131
LSZ F2 VALUE PACK	131
LSZ F3	133
LSZ F3 PACK	133
LSZ FB	134
LSZ P1	132



## KEYWORD INDEX

LSZ QUICK	161	SHBG PACK	090
LW	158	Sheets and rolls	165
<b>M</b>		SHEK	151
Mandrel	184	SIC	111
Mandrels	028	SKBW	081
MHBW	092	SKBZ	080
Milling	186	SKBZ PACK	081
MKBW	081	SKNB	091
MPBW	085	SKP15 V	172
MRBWBM	068	SKP15 WHITE V	173
MRBWST	069	SLR	152
MTBW	075	SPBR	165
MTBWBM	076	SPBW	085
<b>N</b>		SPBZ	084
NK	109	SR15	110
Non-woven abrasives	177	SRBWBM	068
Non-woven cleaning tools	056	SRBWGS	067
Non-woven flap discs	137	SRBWGSK	068
Non-woven flap wheels	155	SRBWST	069
<b>O</b>		SRBZ	066
Occupational safety	234	SRBZ PACK	067
<b>P</b>		SRBZGS	067
PASTE	185	SSH	151
POL	184	ST21	053
Polishing pastes	185	ST34	053
Polishing tools	181	ST38	051
<b>Q</b>		ST56	052
Quick-Change Discs	160	Stationary cutting discs	051
<b>R</b>		Stationary cutting discs / stainless steel	051
RH QUICK	164	Stationary cutting discs / steel	052
RH TURBO	143	STBW	074
RH V	176	STBWBM	076
RH403S	213	STBWGS	075
RHST	143	STBWGSK	075
RHST V	176	STBZ	073
RS2	104	STBZ PACK	074
RS2 PIPELINE	105	STBZ S	074
RS2 XiLOCK	104	SVS	057
RS22	105	SVS GS	058
RS24	107	SVS HD	056
RS28	102	SVS HD PACK	057
RS28 PACK	102	SVS MINI	057
RS38	101	SVS PACK	057
RS50 LONGLIFE	103	SVS PIN	058
RS66	108	SVS QUICK HD	160
RS67	104	SVSW	157
RS480	100	<b>U</b>	
RS480 PIPELINE	101	UHBW	088
RS580	099	Unitised discs	179
<b>S</b>		<b>V</b>	
SAT	183	VISION COOL	121
SE10	236	VISION PRO	122
SE20	236	VISION PRO PACK	122
SE30	237	VISION SPEED	120
SE40	237	VKS KN	179
Self-Hastening discs	170	VKS QUICK	163
SFA	142	VKSG WS	180
SFC	142	VKSS WS	180
SHBG	090	VLS	138

## KEYWORD INDEX

VLS PAD	178
VLS PAD 5ER MIX-PACK	178
VLS QUICK	163
VLS QUICK HD	163
VLS V	175
VLSR	177
VS	156
VSK	155
VSK F	137
VSK VISION	123
VW	159
VWK	158
<b>W</b>	
Wall chasing machines	212
Wheel brushes	064
Wheel brushes / non-ferrous metals, wood	070
Wheel brushes / stainless steel	064
Wheel brushes / steel	066
WSP	169
<b>X</b>	
XT8 EXACT	029
XT8 EXACT MINI	027
XT10	031
XT10 MINI	028
XT10 PACK	031
XT15 ACCU BOX	035
XT20	037
XT24	039
XT38	032
XT38 BOX	032
XT38 X-LOCK	032
XT66	040
XT67	037
XT67 BOX	038
XT69 MULTI	042
XT69 MULTI BOX	042
XT70	033
XT70 BOX	033
XT70 PACK	033
XT70 X-LOCK	034
XT77	038
XT100 EXTENDED	030
XT100 EXTENDED X-LOCK	031
XT200 EXTENDED	036
XTK6 EXACT	025
XTK6 EXACT BOX	025
XTK6 EXACT PACK	025
XTK8 EXACT	030
XTK8 EXACT PACK	030
XTK8 EXACT X-LOCK	030
XTK10	031
XTK20	037
XTK35 CROSS	026
XTK38	033
XTK67	038
XTK69 MULTI CROSS	041
XTK77	038
<b>Z</b>	
ZKB	093

ZSKP V	174
--------	-----

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
200008	106	200983	046	202392	046	202857	135
200013	106	200988	046	202396	045	202860	135
200018	106	200992	046	202398	046	203877	032
200056	106	200995	046	202403	045	203881	032
200075	106	201048	048	202407	046	203886	043
200090	106	201055	048	202410	046	204015	131
200140	104	201064	048	202417	045	204018	131
200141	104	201070	048	202460	048	204021	131
200167	104	201079	048	202475	135	204619	032
200172	105	201082	044	202481	135	204621	032
200184	104	201086	044	202487	135	204622	040
200208	105	201095	044	202517	132	204623	040
200213	104	201099	044	202523	132	204624	040
200238	104	201102	044	202531	132	204625	040
200246	105	201113	043	202539	132	204793	038
200253	104	201122	043	202547	132	205067	028
200266	104	201142	047	202559	132	205425	037
200274	104	201150	047	202567	132	205426	037
200349	107	201166	047	202573	132	205446	130
200357	107	201182	047	202591	135	205497	130
200364	107	201184	047	202595	135	205498	130
200377	107	201187	047	202599	135	205499	130
200386	108	201208	110	202610	132	205500	130
200393	108	201304	053	202618	132	205501	130
200403	108	201305	053	202626	132	205505	129
200413	108	201307	053	202642	130	205506	129
200432	101	201308	053	202647	130	205507	129
200442	101	201330	053	202652	131	205508	129
200451	101	201332	053	202662	130	205509	129
200466	101	201353	053	202667	131	205510	129
200509	047	201354	053	202675	130	205578	053
200539	047	201397	052	202680	131	205678	105
200543	047	201415	052	202689	130	205681	101
200548	047	201432	052	202699	130	205700	032
200550	047	201457	052	202706	130	205701	032
200629	047	201504	053	202712	130	205702	032
200631	047	201507	053	202726	130	205703	033
200636	047	201510	053	202735	130	205704	033
200643	047	201514	053	202742	130	205705	033
200652	047	201518	053	202749	130	205706	033
200719	046	201737	049	202756	130	205707	033
200736	046	201743	049	202767	130	205709	037
200755	046	201750	049	202776	130	205710	037
200773	046	201764	049	202783	130	205711	037
200782	046	201788	049	202789	130	205714	101
200786	046	201804	050	202799	130	205715	104
200807	046	201810	050	202804	130	205716	104
200840	046	201838	050	202809	130	205718	104
200843	046	201863	050	202820	130	205721	033
200853	046	201867	050	202825	130	205836	053
200891	046	201873	050	202830	130	205910	039
200922	046	201910	050	202834	130	205911	039
200928	046	201912	050	202839	135	205912	039
200943	046	201933	050	202842	135	205913	039
200961	046	201940	050	202845	135	205914	039
200969	046	202378	037	202848	135	206034	038
200975	046	202384	037	202851	135	206162	031
200979	046	202390	045	202854	135	206163	031

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
206164	031	208121	034	209494	132	210450	039
206165	031	208122	034	209495	132	210451	039
206166	031	208124	105	209496	132	210473	136
206167	031	208225	033	209497	033	210474	136
206168	031	208226	033	209498	051	210475	136
206169	031	208372	026	209499	051	210476	136
206170	037	208373	026	209500	051	210479	133
206171	037	208408	131	209503	123	210480	133
206172	037	208409	131	209504	123	210481	133
206173	037	208410	131	209507	132	210482	133
206258	031	208411	131	209508	132	210483	133
206259	031	208412	131	209511	034	210484	133
206260	031	208413	131	209663	131	210591	133
206262	031	208617	105	209664	131	210592	133
206263	031	208697	033	209665	131	210593	133
206264	037	208698	038	209666	131	210598	133
206265	037	208699	038	209667	131	210611	099
206266	037	208700	038	209668	131	210619	125
206313	037	208701	038	209744	038	210620	125
206373	043	208702	038	209797	103	210621	125
206374	043	208703	038	209812	124	210622	125
206377	043	208724	044	209822	031	210623	125
206455	053	208725	044	210053	103	210624	125
206523	053	208726	044	210054	103	210631	122
206683	030	208727	044	210055	103	210632	122
206684	030	208728	044	210056	103	210633	122
206773	038	208729	044	210057	029	210637	122
206799	028	208730	044	210058	029	210638	122
206800	028	208731	044	210182	127	210639	122
206801	028	208732	102	210183	127	210644	120
206802	028	208733	102	210184	127	210645	120
206803	028	208734	102	210220	030	210646	120
206804	028	208735	102	210221	030	210647	120
207056	027	208737	126	210222	030	210652	120
207058	027	208738	126	210223	030	210653	120
207060	027	208739	126	210224	030	210654	120
207067	027	208740	126	210225	030	210655	120
207077	121	208741	126	210226	030	210656	099
207078	121	208742	126	210227	036	210657	099
207079	121	208743	124	210228	036	210658	099
207083	121	208744	124	210229	036	210659	099
207084	121	208745	124	210230	036	210660	101
207085	121	208746	124	210231	036	210697	133
207436	033	208747	124	210232	036	210698	133
207437	033	208748	124	210233	036	210699	133
207438	033	208775	031	210234	100	210741	038
207439	033	208861	038	210238	100	210742	038
207440	044	209307	132	210239	100	210743	038
207441	044	209308	132	210240	100	210744	038
207442	044	209309	132	210241	100	210745	032
207443	044	209310	132	210247	035	210746	032
207444	043	209312	131	210248	035	210747	032
207826	098	209313	131	210249	127	210748	032
207827	098	209314	131	210251	127	210828	025
207829	098	209315	131	210259	128	210829	025
207830	098	209316	131	210260	128	211077	030
207884	098	209317	131	210261	128	211078	033
207885	098	209338	028	210276	127	211080	033

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
211081	033	211400	125	212097	133	300547	165
211082	033	211407	126	212098	133	300549	165
211083	033	211408	126	212099	133	300565	166
211095	033	211409	126	212100	133	300566	166
211202	042	211410	126	212101	133	300567	166
211203	042	211411	126	300001	141	300568	166
211207	032	211412	126	300002	141	300569	166
211208	032	211413	133	300003	141	300570	166
211209	042	211414	133	300004	141	300571	166
211211	042	211415	133	300005	141	300573	166
211284	032	211416	133	300006	141	300575	166
211285	032	211417	133	300007	141	300576	166
211286	046	211418	133	300008	141	300577	166
211287	046	211419	133	300009	141	300578	166
211294	031	211420	133	300057	141	300579	166
211295	025	211421	133	300058	141	300580	166
211300	025	211422	133	300059	141	300581	166
211301	025	211423	134	300060	141	300582	166
211302	025	211424	134	300061	141	300583	166
211303	122	211425	134	300062	141	300585	166
211304	122	211446	135	300063	141	300587	166
211305	122	211447	135	300064	141	300588	166
211306	122	211448	135	300065	141	300593	166
211307	122	211449	135	300127	141	300595	166
211308	122	211450	135	300128	141	300596	166
211311	125	211451	135	300129	141	300597	166
211312	125	211452	041	300130	141	300598	166
211313	125	211458	041	300132	141	300599	166
211314	136	211517	133	300133	141	300600	166
211315	136	211518	133	300135	141	300601	166
211316	057	211566	042	300315	140	300602	166
211317	057	211575	032	300316	140	300603	166
211319	030	211689	134	300317	140	300604	166
211320	030	211690	134	300318	140	300605	166
211321	031	211691	134	300383	143	300618	166
211322	031	211692	133	300385	143	300619	166
211327	134	211693	133	300397	143	300620	166
211328	134	211694	133	300399	143	300621	166
211329	134	211706	042	300406	143	300622	166
211330	134	211707	042	300409	143	300885	168
211331	134	211782	104	300461	142	300886	168
211332	134	211783	104	300462	142	300887	168
211333	134	212044	133	300463	142	300888	168
211345	034	212045	133	300476	142	300890	168
211346	034	212046	133	300477	142	300892	168
211347	034	212083	101	300479	142	300894	168
211348	034	212084	101	300482	142	300896	168
211389	131	212085	101	300483	142	301003	169
211390	131	212086	101	300484	142	301004	169
211391	131	212087	101	300536	165	301005	169
211392	131	212088	042	300538	165	301006	169
211393	131	212089	042	300539	165	301007	169
211394	131	212091	102	300540	165	301008	169
211395	125	212092	106	300541	165	301009	169
211396	125	212093	033	300542	165	301010	169
211397	125	212094	102	300543	165	301011	169
211398	125	212095	106	300544	165	301012	169
211399	125	212096	133	300545	165	301013	169

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
301014	169	303162	222	303494	220	303833	216
301015	169	303163	222	303496	220	303835	216
301016	169	303164	222	303497	220	303836	216
301017	169	303171	226	303498	220	303837	216
301018	169	303172	226	303499	220	303838	216
301019	169	303173	226	303504	228	303839	216
301289	147	303174	226	303506	228	303842	233
301291	147	303185	217	303509	232	303843	233
301408	147	303186	217	303510	232	303844	233
301409	147	303187	217	303511	232	303845	233
301410	147	303188	217	303512	219	303846	233
301411	147	303189	217	303554	230	303847	233
301412	147	303194	028	303603	230	303848	233
301413	147	303195	028	303606	224	303849	233
301421	147	303197	227	303607	224	303850	233
301423	147	303222	230	303608	224	303851	233
301424	147	303257	111	303609	224	303852	233
301425	147	303258	111	303615	130	303854	233
301426	147	303260	111	303616	130	303855	233
301510	147	303261	111	303617	130	303856	233
301512	147	303263	109	303672	143	303857	233
301513	147	303264	109	303689	149	303858	233
301514	147	303265	109	303690	149	303859	233
301515	147	303266	109	303691	149	303860	232
301525	147	303324	139	303692	148	303861	233
301526	147	303325	139	303693	148	303868	228
301528	147	303327	140	303694	148	303870	225
302038	104	303328	140	303695	148	303872	056
302236	222	303329	140	303696	149	303873	056
302239	222	303343	138	303697	149	303900	225
302242	222	303344	138	303698	149	303909	161
302245	222	303345	138	303700	148	303919	124
302390	226	303346	138	303701	148	303921	216
302393	226	303347	138	303702	148	303931	161
302448	216	303348	138	303703	148	303932	161
302450	216	303366	218	303707	129	303933	161
302452	216	303368	218	303708	129	303934	161
302454	216	303369	218	303709	129	303935	161
302456	216	303370	218	303710	227	303936	161
302514	216	303387	218	303711	227	303937	161
302916	229	303388	218	303712	221	304003	140
302917	229	303389	218	303713	221	304014	213
302927	229	303390	218	303714	221	304015	213
302928	229	303391	218	303715	221	304016	232
303053	227	303402	223	303716	221	304018	232
303054	227	303404	223	303718	221	304028	232
303055	227	303408	223	303720	221	304029	167
303056	227	303410	223	303722	221	304030	167
303057	227	303416	230	303734	215	304031	167
303058	227	303419	231	303735	215	304032	167
303101	225	303420	231	303736	215	304033	167
303102	225	303437	216	303746	220	304034	167
303103	225	303438	216	303747	220	304037	167
303104	225	303447	217	303748	220	304038	177
303150	057	303489	219	303754	224	304039	167
303151	057	303490	219	303765	229	304051	169
303160	222	303491	219	303766	229	304052	169
303161	222	303492	219	303777	090	304053	169

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
304054	169	304363	172	304528	202	305030	194
304055	169	304364	172	304529	204	305034	194
304056	169	304376	191	304530	204	305035	194
304057	169	304377	191	304531	166	305037	194
304058	169	304378	191	304532	166	305038	194
304059	169	304379	191	304533	166	305039	194
304060	169	304380	192	304534	166	305045	196
304061	169	304381	192	304535	166	305046	196
304091	217	304382	192	304536	166	305047	196
304092	217	304383	194	304537	166	305048	197
304093	217	304384	194	304538	166	305050	197
304094	217	304385	194	304539	166	305051	197
304095	217	304386	194	304540	166	305052	197
304100	143	304387	195	304542	214	305053	197
304109	146	304388	195	304543	214	305054	197
304110	146	304389	195	304544	214	305055	197
304111	146	304390	198	304545	047	305056	197
304113	146	304391	198	304546	047	305057	197
304114	146	304392	198	304547	050	305060	198
304116	146	304393	198	304548	050	305061	198
304118	146	304394	199	304553	170	305062	198
304119	146	304395	199	304556	203	305063	198
304133	174	304396	199	304557	192	305064	198
304134	174	304397	200	304558	192	305066	200
304135	174	304398	203	304559	194	305067	200
304137	174	304399	204	304560	196	305068	200
304138	174	304400	204	304561	170	305069	200
304139	174	304461	214	304562	170	305070	200
304140	174	304462	214	304574	074	305073	201
304142	174	304463	214	304575	081	305074	201
304143	174	304464	214	304576	067	305080	201
304144	174	304465	214	304577	067	305083	202
304145	174	304466	227	305000	190	305084	202
304146	137	304467	227	305001	190	305085	202
304147	174	304504	212	305003	190	305086	202
304283	141	304505	212	305004	190	305088	202
304284	141	304506	190	305005	190	305089	202
304285	141	304507	190	305006	190	305090	203
304286	141	304508	190	305007	190	305091	203
304287	141	304509	190	305008	190	305092	203
304288	141	304510	192	305009	190	305093	203
304289	141	304511	192	305010	191	305094	203
304290	141	304512	192	305011	191	305102	153
304291	139	304513	193	305013	191	305103	153
304292	140	304514	193	305014	191	305105	153
304294	139	304515	193	305015	191	305106	153
304350	172	304516	193	305016	191	305108	153
304351	172	304517	195	305018	191	305109	153
304352	172	304518	195	305019	191	305111	153
304353	172	304519	195	305020	193	305112	153
304354	172	304520	197	305022	193	305114	153
304355	172	304521	197	305023	193	305115	153
304356	172	304522	197	305024	193	305116	153
304357	172	304523	197	305025	193	305117	153
304359	172	304524	199	305026	193	305119	154
304360	172	304525	199	305027	193	305120	154
304361	172	304526	199	305028	193	305121	154
304362	172	304527	200	305029	193	305122	154

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
305124	154	305220	150	305323	156	305387	183
305125	154	305221	151	305324	156	305388	183
305126	154	305222	151	305325	156	305395	159
305127	154	305223	151	305326	156	305396	159
305129	154	305224	150	305327	156	305397	159
305130	154	305225	150	305328	156	305398	159
305131	154	305226	151	305329	156	305403	160
305132	154	305227	151	305330	156	305404	160
305134	154	305228	151	305331	156	305405	057
305135	154	305229	150	305332	156	305406	057
305136	154	305230	150	305333	156	305407	058
305138	154	305231	151	305334	156	305408	058
305139	154	305232	151	305335	156	305409	157
305140	154	305233	151	305336	156	305412	151
305141	154	305234	150	305337	156	305413	151
305143	154	305235	150	305338	156	305414	151
305144	154	305271	163	305339	156	305416	151
305145	154	305272	163	305340	156	305422	058
305146	154	305273	163	305341	156	305423	058
305148	154	305274	163	305342	156	305424	164
305149	154	305275	163	305343	156	305425	164
305150	154	305276	163	305344	156	305426	176
305151	154	305277	163	305345	156	305427	176
305153	154	305278	163	305346	156	305428	176
305154	154	305281	175	305347	156	305429	162
305155	154	305282	175	305348	156	305430	162
305156	154	305283	175	305349	156	305431	162
305158	154	305284	175	305350	156	305432	162
305159	154	305285	175	305351	156	305433	162
305160	154	305286	175	305352	156	305434	162
305161	154	305287	163	305353	158	305435	162
305163	154	305288	163	305354	158	305436	162
305164	154	305289	163	305355	158	305437	162
305165	154	305290	163	305357	159	305438	162
305166	154	305297	180	305358	159	305461	167
305168	154	305298	180	305359	159	305462	167
305169	154	305299	180	305360	159	305463	167
305170	154	305300	180	305361	159	305464	167
305171	154	305301	180	305362	177	305465	167
305173	154	305302	180	305363	177	305466	167
305174	154	305303	180	305364	177	305467	167
305175	154	305304	180	305365	177	305468	167
305176	154	305305	180	305366	178	305473	165
305189	152	305306	180	305367	178	305474	169
305190	152	305307	180	305368	178	305477	151
305191	152	305309	180	305369	178	305478	151
305192	152	305310	180	305370	182	305479	151
305193	152	305311	180	305371	182	305480	150
305194	152	305313	155	305372	182	305481	150
305195	152	305314	155	305373	182	305482	151
305196	158	305315	155	305379	183	305484	205
305197	158	305316	155	305380	183	305485	142
305198	158	305317	155	305381	183	305486	142
305199	158	305318	155	305382	183	305487	142
305216	151	305319	155	305383	183	305488	154
305217	151	305320	155	305384	183	305489	154
305218	151	305321	156	305385	183	305490	154
305219	150	305322	156	305386	183	305491	154



## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
305492	154	305588	148	305675	193	305993	147
305493	154	305589	148	305676	193	305994	147
305494	154	305591	148	305677	193	305995	177
305495	154	305592	148	305678	193	306353	178
305496	154	305593	148	305692	196	306356	177
305498	154	305594	148	305693	196	307016	161
305501	198	305606	175	305697	197	307017	161
305502	193	305607	175	305698	197	307018	161
305505	139	305608	175	305699	197	307019	161
305506	140	305609	175	305700	197	307020	161
305508	140	305610	175	305702	198	307021	161
305512	140	305611	175	305705	198	307022	161
305513	140	305612	175	305706	198	307023	161
305514	140	305613	175	305707	198	307031	164
305515	140	305614	175	305711	200	307044	147
305516	140	305615	175	305712	200	307045	147
305522	140	305616	175	305716	201	307046	147
305523	140	305617	175	305717	201	307050	147
305524	140	305618	175	305718	201	307051	147
305525	140	305619	175	305724	202	307052	147
305526	140	305627	175	305726	202	307059	173
305527	140	305628	175	305727	202	307060	173
305528	140	305629	175	305732	203	307061	173
305529	140	305630	175	305733	203	307062	143
305530	140	305631	175	305734	203	307063	143
305531	140	305632	175	305735	203	307081	143
305532	140	305633	175	305859	205	333000	145
305533	140	305634	175	305860	205	333001	145
305534	140	305635	175	305943	179	333002	145
305535	140	305636	175	305944	179	333003	145
305539	141	305637	175	305945	179	333004	145
305540	141	305638	175	305946	179	333005	145
305541	141	305639	175	305947	179	333006	145
305542	141	305640	175	305948	179	333007	145
305543	141	305641	153	305949	179	333042	162
305544	141	305642	154	305950	179	333043	162
305545	143	305643	154	305966	148	333044	162
305550	146	305644	154	305967	148	333045	162
305551	146	305645	154	305968	148	333046	162
305552	146	305646	154	305969	148	333047	162
305553	146	305647	154	305970	148	333048	162
305558	146	305648	154	305971	148	333049	162
305559	146	305649	154	305972	179	333050	162
305560	146	305650	155	305973	179	333051	162
305561	146	305651	155	305974	179	333052	162
305566	146	305652	155	305975	179	333053	162
305567	146	305653	155	305976	173	333054	162
305568	146	305654	177	305977	173	333055	162
305569	146	305655	177	305978	173	333056	162
305578	146	305656	177	305979	173	333057	162
305579	146	305657	177	305980	173	333058	171
305580	146	305662	190	305981	173	333060	171
305581	146	305663	190	305982	173	333061	171
305582	146	305664	190	305983	173	333062	171
305583	146	305667	191	305984	173	333063	171
305584	146	305668	191	305989	169	333064	171
305585	146	305669	191	305990	169	333065	171
305587	148	305670	191	305992	147	333066	171

## PART NUMBER INDEX

Article number	Page	Article number	Page	Article number	Page	Article number	Page
333067	171	353029	068	353088	074	353235	068
333068	171	353030	076	353089	072	353236	068
333070	171	353031	076	353090	080	353237	076
333072	171	353032	085	353091	080	353240	085
333073	171	353033	085	353092	078	353242	075
333074	171	353034	085	353093	078	353243	075
333075	171	353036	070	353094	081	353244	075
333076	171	353037	070	353095	079	353245	075
333077	171	353038	070	353096	088	353247	069
333208	172	353039	070	353097	088	353249	069
333209	172	353040	077	353098	088	353250	081
333210	172	353041	077	353099	088	353269	065
333211	172	353042	077	353100	092	353281	225
333212	172	353043	077	353101	092	353282	225
333213	172	353044	086	353102	092	353283	227
333214	172	353045	086	353103	093	353284	227
333215	172	353046	067	353104	091	353285	217
333216	172	353047	067	353105	091	353286	217
333217	172	353048	067	353106	089	353294	223
333484	174	353049	065	353107	184	353295	223
333485	174	353050	067	353108	184	353296	137
333486	174	353051	065	353109	184	353297	137
333488	174	353052	084	353110	184	353298	137
333489	174	353053	082	353111	184	353308	153
333490	174	353054	069	353112	184	353309	153
333491	174	353055	090	353113	184	353310	153
333493	174	353056	090	353114	184	353311	153
333641	176	353057	090	353115	077	353312	153
333642	176	353058	090	353116	077	353313	153
333643	176	353059	088	353117	077	393538	216
333644	176	353060	088	353119	070	395020	178
333646	176	353061	088	353120	070	900383	236
353001	066	353062	184	353121	070	900384	236
353002	066	353063	184	353122	070	900385	237
353003	066	353064	184	353123	093	900386	237
353004	064	353065	184	353124	065		
353005	064	353066	185	353130	066		
353006	064	353067	185	353132	066		
353009	073	353068	185	353135	066		
353010	073	353069	183	353136	067		
353011	073	353070	183	353137	075		
353012	073	353071	183	353138	075		
353013	073	353072	184	353139	075		
353014	071	353073	183	353142	067		
353015	074	353074	073	353148	074		
353016	074	353075	087	353150	087		
353017	074	353076	092	353151	087		
353018	074	353077	066	353152	087		
353019	074	353078	066	353153	067		
353020	072	353079	066	353154	083		
353021	080	353080	064	353155	083		
353022	080	353081	064	353156	083		
353023	078	353082	064	353158	065		
353024	078	353083	066	353159	067		
353025	081	353084	066	353227	068		
353026	079	353085	073	353228	068		
353027	068	353086	073	353233	075		
353028	068	353087	071	353234	068		

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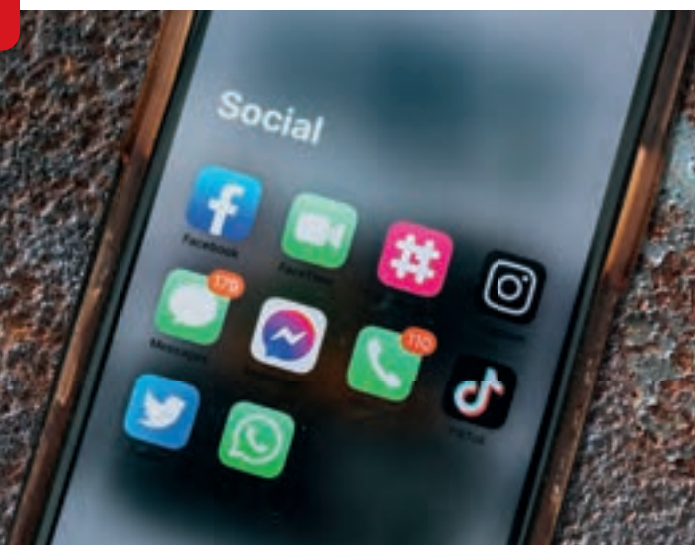


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