

PRODUCT CATALOGUE EN

KNOW-HOW INSIDE



RHODIUS

**OUR
CATALOGUE**
2020/2021

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
	Manual work		Random orbital sander

Safety and application identification

	Follow safety instructions		Iron- and sulphur-free ≤ 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)

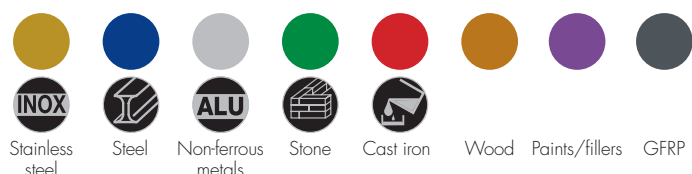
Wire types

	Flat wire
	Crimped wire
	Knotted wire

EXPLANATION OF SYMBOLS

Material pictograms and colour coding

Resin-bonded abrasives and others



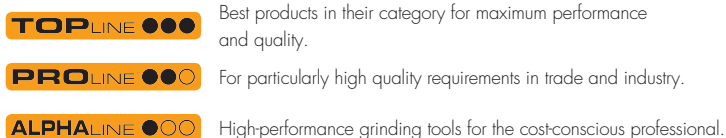
Diamond tools



Dimensions and models



Quality system



Technologies



NOTES

General information:

Statements about the scope of delivery and tool appearance, performance or dimensions are given to the best of our knowledge at the time of going to press.

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Burgbrohl, June 2020

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Cutting



Cleaning



Grinding



Fine grinding/
polishing



Milling



Diamond tools



Occupational safety





Simplify your work.

Masters of metal.

Our knowledge of cutting and grinding metal is virtually second-to-none.

For over 50 years, we have stayed as close as possible to our users: we listen to them, know their problems and experience their daily challenges ourselves.

Anyone who wants to make the best pro tools for metal working needs to talk to the people who actually handle these tools day in, day out – something my grandfather understood very early on.

By putting this approach into practice, our family-run business has developed outstanding, innovative products. Today, we are a leading toolmaker with a one-of-a-kind portfolio of extra-thin cutting discs. Top of the range is the XTK6, a world first from RHODIUS with a disc width of just 0.6 mm.

Our 'Simplify your work' motto can also be found running through every inch of our products and our company. Every day, we want to make the work of pro users, decision-makers in manufacturing or trade and our retail partners that little bit easier. That is both our corporate goal as well as our promise to you.

Read on to discover our product range on the following pages and what this promise means to our customers. Become a master of metal with Rhodius!

Bernd Lichter

Managing Partner at Rhodius
since October 2018

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 ●●○

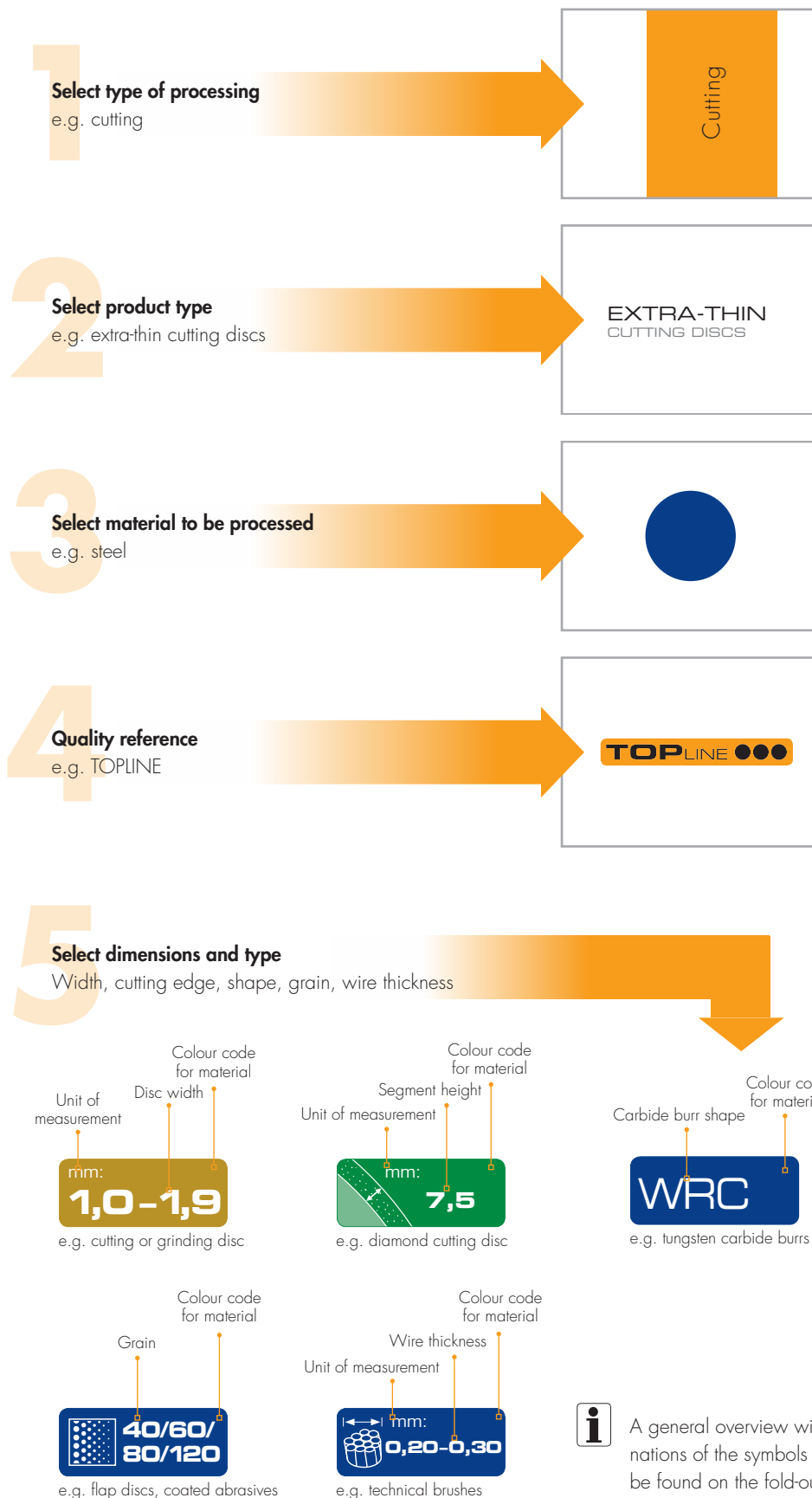
PROline products have been designed to meet particularly high quality requirements and frequent use in trade and industry. They offer a good price/performance ratio while being especially cost-effective.



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.

PRODUCT QUICK FINDER

Cutting

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Stone
Extra-thin cutting discs	XTK6 EXACT	021				
	XT35 CROSS	022				
	XTK8 EXACT MINI	023				
	XT10 MINI	024				
	XT8 EXACT	025				
	ASB XT	024	Accessories			
	XT100 EXTENDED	026				
	XT10	027				
	XT38	028				
	XT70	029				
	XT15	031				
	XT200 EXTENDED	032				
	XT20	033				
	XT67	033				
	XT77	034				
	XT24	035				
	XT66	036				
	XTK69 MULTI CROSS	037				
	XT69 MULTI	038				
Freehand cutting discs	FT38	039				
	FT26	040				
	FT67	041				
	FT33	042				
	KSM	043				
	FT30	043				
	FT24	044				
	FT44	045				
	FT40	046				
Stationary cutting discs	ST38	047				
	ST56	048				
	ST34	049				
	ST21	049				

PRODUCT QUICK FINDER

Cleaning

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood
Non-woven cleaning abrasives	SVS HD	054				
	SVS	055				
	SVS Mini	055				
	SVS GS	055				
	SVS PIN	056	Accessories			
Wheel brushes	ERBZ	063				
	ERBW	064				
	ERBWBM	064				
	SRBZ	065				
	SRBZGS	066				
	SRBWGS/K	066				
	SRBWBM	067				
	SRBWST	067				
	HRB	068				
Cup brushes	ETBZ	069				
	ETBW	070				
	STBZ	071				
	STBZ S	072				
	STBW	072				
	STBWGS/K	073				
	STBWBM	073				
	HTB	074				
Bevel brushes	EKBZ	075				
	EKBW	076				
	SKBZ	077				
	SKBW	078				

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood
End brushes	EPBZ	079				
	EPBW	080				
	SPBZ	081				
	SPBW/K	082				
	HPB	083				
Hand scratch brushes	EHBG	084				
	EHBW	085				
	UHBW	085				
	EKNB	085				
	SHBG	086				
	BSBG	087				
	SKNB	087				
	MHBW	088				
	ZKB	089				
	BSBW	089				

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

PRODUCT QUICK FINDER

Grinding

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Stone
Grinding discs	FS1 FUSION	095				
	RS580 EXTENDED	096				
	RS480	098				
	RS38	099				
	RS28	099				
	RS50 LONGLIFE	100				
	RS67	101				
	RS2	101				
	RS22	102				
	KSM	102				
	RS24	103				
	RS66	104				
Cup wheels	NK	105				
	SIC	107				
Grinding wheels	SR15	106				

PRODUCT QUICK FINDER

Grinding/polishing

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood	Stone
Flap discs*	VISION SPEED	116					
	VISION COOL	117					
	VISION PRO	118					
	VSK VISION	119					
	JUMBO SPEED EXTENDED	120					
	JUMBO LONG-LIFE EXTENDED	121					
	LSK FK	122					
	LSZ F EXTENDED	124					
	LSZ F1	125					
	LSZ P1	126					
	LSZ F2	127					
	LSZ F3	128					
	LSZ FB	130					
	LSA F1	131					
	LSA P1	131					
	LGA ALU	132					
Non-woven flap discs	VLS	133					
	VSK F	134					
Fibre discs	KFK	135					
	KFZ	136					
	KFS	137					
	SFA	138					
	SFC	138					
	RH TURBO & RHST	139	Accessories				
Abrasive belts	ESB CL	141					
	ESB ZL	142					
	ESB KK	143					
	ESB V	143					
	ESB CX	144					
	ESB ZX	144					
	ESB KX	145					
Abrasive sleeves	ESH	146					
	SSH	147					
	SHEK	147	Accessories				
Flap wheels	SLR	148					
	FS K	149					
	FS MINI	149					
	FS	149					
Non-woven flap wheels	VSK	151					
	VS	152					

		FROM PAGE	Stainless steel	Steel	Non-ferrous metals	Wood	Paint
Drums	SVSW	153					
	LW	154					
	VWK	154					
	VW	155					
	FW	155					
Quick-Change Discs	SVS QUICK HD	156					
	LSZ QUICK	157					
	KFK QUICK	157					
	KFZ QUICK	158					
	KFS QUICK	158					
	VLS QUICK	159					
	VKS QUICK	159					
	RH QUICK	160	Accessories				
Rolls	SPBR	161					
	KERR	162					
	KFPR	163					
Abrasive sheets	KKBR	164					
	WSP	165					
	KFPB	165					
Self-fastening discs	KSF15 V	166					
	SKP15 V	167					
	SKP15 WHITE V	167					
	RH15 V	168					
	ZSKP V	168					
	KERR V F & KERR V B	169					
	VLS V	170					
	RH V & RHST V	170	Accessories				
Non-woven abrasives	VLSR	171					
	VLS PAD	172					
Unitted discs	VKS KN	173					
	VKSG WS	174					
Felt polishing flap discs	FLS	176					
	FLP	177					
Satin finish/polishing rings	SAT	177					
	POL	178					
	ESD	178	Accessories				
Pastes	PASTE	179					

*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.

Cutting

Cleaning

Grinding

Fine grinding/
polishing

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Occupational safety

PRODUCT QUICK FINDER

Milling

		FROM PAGE	Stainless steel	Steel	Cast iron	Non-ferrous metals
Carbide burrs	HF A	185				
	ALPHA HF A	185				
	HF B	186				
	ALPHA HF B	186				
	HF C	187				
	ALPHA HF C	187				
	HF D	188				
	ALPHA HF D	188				
	HF E	188				
	HF F	189				
	ALPHA HF F	189				
	HF G	190				
	ALPHA HF G	190				

		FROM PAGE	Stainless steel	Steel	Cast iron	Non-ferrous metals
Carbide burrs	HF H	191				
	ALPHA HF H	191				
	HF J	192				
	HF K	192				
	HF L	193				
	ALPHA HF L	193				
	HF M	194				
	ALPHA HF M	194				
	HF SET	195				

Diamond tools

		FROM PAGE	Concrete	Asphalt	Natural stone	Tiles/ceramics
Cutting discs	LD402/LD404 ALL IN ONE	202				
	RH403S	203				
	LD300	204				
	LD200 SPEED	205				
	LD45	206				
	LD40	206				
	LD50	207				
	DG70	207				
	DG210 ALLCUT	208				
	LD70	209				
	LD60	210				
	LD410 SPEED	211				
	LD4	212				
	DG35	212				
	DG55	213				

		FROM PAGE	Concrete	Asphalt	Natural stone	Tiles/ceramics
Cutting discs	DG10	214				
	DG15	215				
	LD1	215				
	DG45	216				
	DG25	216				
	DG50	217				
Cup wheels	DS1	218				
	DS2	219				
	DS10	219				
	DS40	220				
	DS41	220				
Core drills	CD10	221				
	CD15	222				
	CDS	222	Accessories			
Tile drills	CD30	223				
	CD40	223				

Occupational safety



Safety goggles SE10
More on page 226



Leather gloves SE30
More on page 227



Ear muffs SE20
More on page 226



Dust mask SE40
More on page 227

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CUTTING

CONTENTS

EXTRA-THIN CUTTING DISCS



020

FREEHAND CUTTING DISCS



039

STATIONARY CUTTING DISCS



047

HIGHLIGHTS

**NEW!**

XTK6 EXACT

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

Page 021



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 022

SPECIAL TECHNOLOGIES



More information on
page 234



More information on
page 240



More information on
page 244



More information on
page 246



More information on
page 250

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 ≤ 1.9 mm

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

Benefits

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



Freehand cutting discs > 1.9 mm

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

Benefits

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

HIGH-PERFORMANCE TOOL AND MACHINE COMBINATION

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

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

Softer discs for low-power machines

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

- High cutting ability

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

Result: Cutting ability degrades and the disc becomes blunt.

Harder discs for high-power machines

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

- Very long lifetime and high cutting ability

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

Result: The disc's lifetime is dramatically shortened.

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Fine grinding/
polishing

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Occupational safety

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
d l[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
d l[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

CUTTING THE LABEL

Material symbols

for the material to be processed:

Colour coding system

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

Dimensions

in mm and inches

125 × **1,0**

Disc diameter
in mm

Disc width

Quality reference

TOPLINE ●●●

PROLINE ●●●

ALPHALINE ●●●

1 Safety pictograms

See overview on fold-out at end of catalogue

2 Material pictograms

See overview on fold-out at end of catalogue

3 Traceability code

4 Info ring with expiry date

5 Name of manufacturer

6 ISO reference see p. 019

7 EAN barcode

8 oSa mark

9 European standard for bonded abrasive products

10 Maximal permissible working speed see p. 018

11 Part number

12 Product reference



CUTTING THE MARK

Abrasive marking according to EN 12413:

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

A 24 U 9 BF 1337

Abrasive grain

A Standard aluminium oxide
Z Zirconium
C Silicon carbide

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

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

Grain size

Grain size in MESH acc. to FEPA standard:

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

Degree of hardness

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

Structure

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

Bonding types

B Synthetic resin bonding
BF Fibre-reinforced synthetic resin bonding

Key

The key contains company-internal information.

EXTRA-THIN CUTTING DISCS

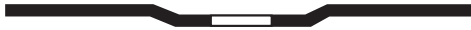
Extra-thin cutting discs have a smaller friction surface. This allows a fast and cool cut.

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

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

PRODUCT ADVANTAGES:

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



Select the depressed shape for more stability during the cutting process



EFFICIENT CUTTING WITH MAXIMUM PRECISION



XTK6 EXACT

TOP LINE


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

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

Material:

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

Typical applications:

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



Shape 42


XTK6 EXACT

					Product category	GTIN/pc. EAN/pc.
115 x 0.6 x 22.23		13300	50	210828	PK01	4011890112915
125 x 0.6 x 22.23		12250	50	210829	PK01	4011890112939



Ideal for secure repairs with I-seams



**XTK6 EXACT
IN ACTION:**

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodusabrasives1952](https://www.youtube.com/rhodusabrasives1952)

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

					Product category	GTIN/pc. EAN/pc.
115 x 1.9 x 22.23		13300	25	208372	PK01	4011890066423
125 x 1.9 x 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://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)

EXTRA-THIN MINIATURE CUTTING DISCS / STAINLESS STEEL



Material:

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

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



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



Iron and sulphur free



XT8 EXACT MINI

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 bur formation



Matching mandrel ASB XT see page 024

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

XT8 EXACT MINI

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

Abrasive identification 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	15280	50	205067	PK01	4011890112861

Abrasive identification 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

STATIONARY CUTTING DISCS / STAINLESS STEEL



Material:

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



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



Iron and sulphur free



XT8 EXACT

TOP LINE ●●●

mm:
0,8



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

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

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 identification according to ISO 525: A60U9BF1433

Shape 41





Shape 42

NEW!



Shape 42



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 identification according to ISO 525: A60U9BF1433

XTK8 EXACT X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 0.8 x 22.23		13.300	25	211319	PK01	4011890124550
125 x 0.8 x 22.23		12.250	25	211320	PK01	4011890124567

Abrasive identification according to ISO 525: A60U9BF1433

XTK8 EXACT PACK

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

Abrasive identification 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 grinding.

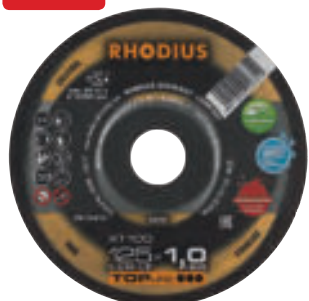
- Cutting disc with ceramic abrasive grain
- High cutting speed
- Little bur formation



XLOCK



NEW!



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 identification according to ISO 525: A36U0BF13679

XT100 EXTENDED X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23	13.300	25	211321	PK01	4011890124574
125 x 1,0 x 22,23	12.250	25	211322	PK01	4011890124581

Abrasive identification according to ISO 525: A36U0BF13679

Shape 41

**NEW!****XT10****TOP LINE**mm: **1,0-1,9**

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

- Little bur formation
- High cutting speed
- Fewer sparks



Ideal for high-powered machinery.

Lifetime

Cutting ability for solid material

Cutting ability for thin-walled material

XT10

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

Abrasive identification according to ISO 525: A46U9BF1432

Shape 41

**XTK10**

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

Abrasive identification according to ISO 525: A46U9BF1432

Shape 42



mm:
1,0-1,9

XT38

PRO LINE ●●●○

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

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

- Little bur formation
- High cutting speed
- Fewer sparks

 Ideal for high-powered machinery.



XLOCK



Shape 41

XT38

				Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23	13300	50	204619	PK01	4011890051580
115 x 1,5 x 22,23	13300	50	203877	PK01	4011890050576
125 x 1,0 x 22,23	12250	50	204621	PK01	4011890051597
125 x 1,5 x 22,23	12250	50	203881	PK01	4011890050583
150 x 1,5 x 22,23	10200	25	205700	PK01	4011890054239
180 x 1,5 x 22,23	8500	25	205701	PK01	4011890054246
230 x 1,9 x 22,23	6650	25	205702	PK01	4011890054253

Abrasive identification according to ISO 525: A46U9BF1415

NEW!



Shape 41

XT38 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23	13.300	25	211284	PK01	4011890124192
115 x 1,5 x 22,23	13.300	25	211285	PK01	4011890124215
125 x 1,0 x 22,23	12.250	25	211207	PK01	4011890124123
125 x 1,5 x 22,23	12.250	25	211208	PK01	4011890124109

Abrasive identification according to ISO 525: A46U9BF1415



Shape 42

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	011890054468
230 x 1,9 x 22,23	6650	25	205703	PK01	4011890054260

Abrasive identification according to ISO 525: A46U9BF1415



XT70

mm:

1,0-1,9

ALPHA LINE

XLOCK

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

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	15.280	50	208697	PK01	4011890071007
115 x 1,0 x 22,23	13.300	100	207436	PK01	4011890061343
115 x 1,5 x 22,23	13.300	100	207438	PK01	4011890061367
125 x 1,0 x 22,23	12.250	100	207437	PK01	4011890061350
125 x 1,5 x 22,23	12.250	100	207439	PK01	4011890061374
150 x 1,5 x 22,23	10.200	25	211095	PK01	4011890123638

Abrasive identification according to ISO 525: A46U9BF1432

Shape 41



XT70 X-LOCK

				Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23	13.300	25	211345	PK01	4011890124857
115 x 1,5 x 22,23	13.300	25	211346	PK01	4011890124864
125 x 1,0 x 22,23	12.250	25	211347	PK01	4011890124871
125 x 1,5 x 22,23	12.250	25	211348	PK01	4011890124888

Abrasive identification according to ISO 525: A46U9BF1432

Shape 41



XTK70

				Product category	GTIN/pc. EAN/pc.
150 x 1,0 x 22,23	10200	25	209511	PK01	4011890090268
180 x 1,5 x 22,23	8500	25	208121	PK01	4011890064856
230 x 1,9 x 22,23	6650	25	208122	PK01	4011890064863

Abrasive identification according to ISO 525: A46U9BF1432

Shape 42



XT70 Pack

				Product category	GTIN/pc. EAN/pc.
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	211079	PK01	4011890123102

Abrasive identification according to ISO 525: A46T11BF11058

Shape 41



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

mm:

1,0-1,5**XT70 BOX****ALPHA**LINE ●○○

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

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

- High cutting speed
- Fewer sparks



Ideal for low-power machines



Shape 4]

XT70 BOX

				Product category	GTIN/pc. EAN/pc.
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

Abrasive identification according to ISO 525: A46T11BF10097

CUTTING DISCS FOR BATTERY-POWERED GRINDERS / STAINLESS STEEL



Material:

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

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



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



XT15 ACCU BOX

TOP LINE

mm:
1,0

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

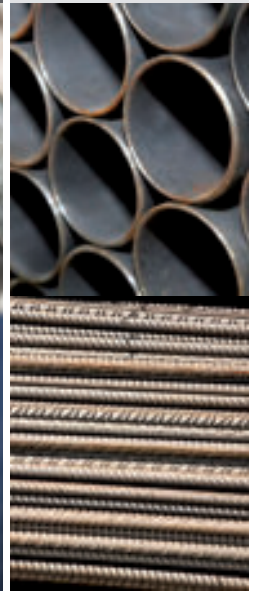
	⊕	U/min	Box	Computer	Product category	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23		13300	10	210247	PK01	4011890096734
125 x 1.0 x 22.23		12250	10	210248	PK01	4011890096758

Abrasive identification according to ISO 525: A46U9BF3797

Shape 41



STATIONARY CUTTING DISCS / STEEL



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

Material:

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

mm:

1,0-1,9

XT200 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.

- Minimal burr formation and fewer sparks
- High cutting speed
- For especially hard and cold steels



NEW!



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 identification 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 bur formation
- High cutting speed
- Fewer sparks

i Ideal for low-power machines

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

XT20

				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 identification according to ISO 525: A46U9BF1430

Shape 41



XTK20

				Product category	GTIN/pc. EAN/pc.
230 × 1.9 × 22.23	6650	25	206313	PK01	4011890056387

Abrasive identification according to ISO 525: A46U9BF14333

Shape 42



XT67

mm:
1,0-1,9

PRO LINE ●●●○



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

- Little bur formation
- High cutting speed
- Fewer sparks

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

XT67

				Product category	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 identification according to ISO 525: 74A30T11BF1367

Shape 41





Shape 42

XTK67

					Product category	GTIN/pc. EAN/pc.
180 x 1.5 x 22.23		8500	25	206034	PK01	4011890055533
230 x 1.9 x 22.23		6650	25	206773	PK01	4011890057926

Abrasive identification according to ISO 525: 74A30T11BF1379

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.

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines



Shape 41

XT77

					Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23		13300	100	208698	PK01	4011890071021
115 x 1,5 x 22,23		13300	100	208699	PK01	4011890071038
125 x 1,0 x 22,23		12250	100	208700	PK01	4011890071045
125 x 1,5 x 22,23		12250	100	208701	PK01	4011890071052
150 x 1,5 x 22,23		10200	25	208861	PK01	4011890073766
230 x 1,9 x 22,23		6650	25	209744	PK01	4011890093283

Abrasive identification according to ISO 525: A46M11BF11075



Shape 42

XTK77

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

Abrasive identification according to ISO 525: A46M11BF11337

EXTRA-THIN CUTTING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging



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



XT24

TOP LINE ●●●

mm:
1,0-1,9



Extra-thin cutting disc with special fillers to prevent disc clogging.

- Little bur formation
- High cutting speed



Ideal for low-power machines

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

XT24

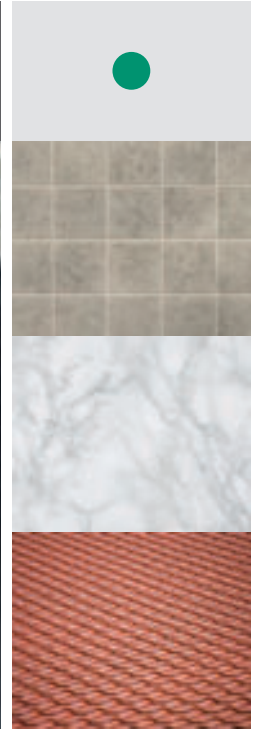
⊕	1/min	3	4	Product category	GTIN/pc. EAN/pc.
115 × 1.0 × 22.23	13300	50	210450	PK01	4011890098806
115 × 1.5 × 22.23	13300	50	205910	PK01	4011890055106
125 × 1.0 × 22.23	12250	50	210451	PK01	4011890098820
125 × 1.5 × 22.23	12250	50	205911	PK01	4011890055113
150 × 1.5 × 22.23	10200	25	205912	PK01	4011890055120
180 × 1.5 × 22.23	8500	25	205913	PK01	4011890055137
230 × 1.9 × 22.23	6650	25	205914	PK01	4011890055144

Abrasive identification according to ISO 525: A24PBF26

Shape 41



EXTRA-THIN CUTTING DISCS / STONE



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

Material:

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

mm:
1,5-1,9

XT66

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.

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



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 identification according to ISO 525: C36R8BF1416



EXTRA-THIN CUTTING DISCS/ ALLCUT



XTK69 MULTI CROSS

mm:
1,9

PROLINE ●●●



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

- Extra-thin cutting and rough 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					
				Product category	GTIN/pc. EAN/pc.
115 x 1.9 x 22.23	13.300	25	211458	PK01	4011890126257
125 x 1.9 x 22.23	12.250	25	211452	PK01	4011890126233

Abrasive marking according to EN 12413: 49AC46R9BF14639

Shape 27



Extra-thin cutting and grinding with a single disc

mm:

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

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

Extra-thin cutting disc offering a long lifetime with a broad application spectrum and an optimum price-performance ratio.

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

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



Shape 41

XT69 MULTI

					Product category	GTIN/pc. EAN/pc.
115 x 2,0 x 22,23		13300	25	207444	PK02	4011890061435
125 x 1,0 x 22,23		12.250	25	211203	PK01	4011890124079

Abrasive marking according to EN 12413: 49AC46R9BF14639



Shape 41

XT69 MULTI BOX

					Product category	GTIN/pc. EAN/pc.
115 x 1,0 x 22,23		13.300	10	211209	PK01	4011890124147
125 x 1,0 x 22,23		12.250	10	211211	PK01	4011890124154

Abrasive marking according to EN 12413: 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

mm:

2,0-3,0

TOP LINE ●●●

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

⊕	V _{mm}	📦	💻	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

Abrasive identification according to ISO 525: A24U9BF1337

Shape 41





FTK38

					Product category	GTIN/pc. EAN/pc.
100 x 2.0 x 16.00		15300	25	201082	PK02	4011890005361
115 x 2.0 x 22.23		13300	25	207440	PK02	40118900061398
115 x 3.0 x 22.23		13300	25	201086	PK02	4011890005392
125 x 2.0 x 22.23		12250	25	207441	PK02	40118900061404
125 x 3.0 x 22.23		12250	25	201095	PK02	4011890005439
180 x 2.0 x 22.23		8500	25	207442	PK02	40118900061411
180 x 3.0 x 22.23		8500	25	201099	PK02	4011890005460
230 x 2.5 x 22.23		6650	25	207443	PK02	40118900061428
230 x 3.0 x 22.23		6650	25	201102	PK02	4011890005484

Abrasive identification according to ISO 525: A24U9BF1338

mm:
2,0-2,5

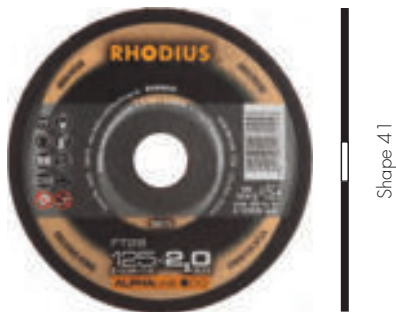
FT26

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



FT26

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

Abrasive identification according to ISO 525: A24R13BF11698

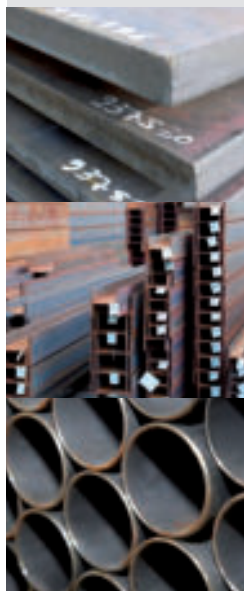


FTK26

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

Abrasive identification 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



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


FT67
TOP LINE

 mm:
2,5

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

- Long service life
- Easy cutting
- High cutting speed

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

FT67

				Product category	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 identification 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 identification according to ISO 525: 74A30T1 1BF1379

mm:
2,0-3,0

FT33

PRO LINE ●●○



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

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

XLOCK

- High cutting speed
- Comfortable cutting behaviour
- Easy cutting



Shape 41

NEW!



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 × 2.0 × 22.23		8500	25	200975	PK02	4011890004845
180 × 3.0 × 22.23		8500	25	200786	PK02	4011890004050
230 × 2.0 × 22.23		6650	25	200979	PK02	4011890004869
230 × 3.0 × 22.23		6650	25	200807	PK02	4011890004159

Abrasive identification according to ISO 525: A24Q-BF20

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 identification according to ISO 525: A24Q-BF20



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 × 2.0 × 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 identification according to ISO 525: A24Q-BF21



KSM

ALPHA LINE ●○○

mm:
2,0-3,0

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

				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 identification according to ISO 525: A24PBF25

Shape 41



KSMK

				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 identification according to ISO 525: A24PBF33

Shape 42



350 mm 300 mm

FT30

PRO LINE ●●○

mm:
3,0-4,0

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 high lateral forces
- Long service life
- High cutting speed

FT30

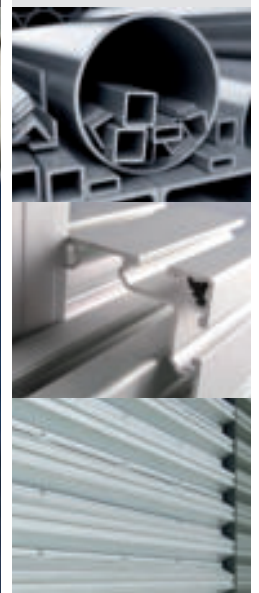
				Product category	GTIN/pc. EAN/pc.
300 × 3.0 × 20.00	5100	25	201142	PK02	4011890005637
300 × 3.0 × 22.23	5100	25	201150	PK02	4011890005699
300 × 3.0 × 25.40	5100	25	201166	PK02	4011890005804
350 × 4.0 × 20.00	5500	10	201182	PK02	4011890005910
350 × 4.0 × 22.23	5500	10	201184	PK02	4011890005934
350 × 4.0 × 25.40	5500	10	201187	PK02	4011890005958

Abrasive identification according to ISO 525: A24PBF511

Shape 41



FREEHAND CUTTING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging



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

Material:

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

mm:

2,0-2,5

FT24

TOP LINE ●●●



- 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

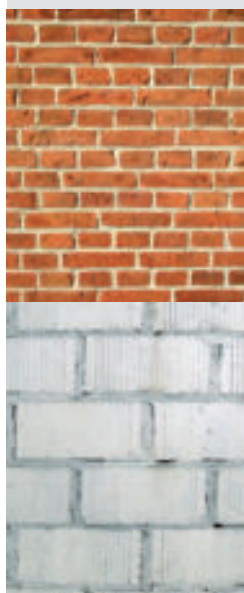
Abrasive identification according to ISO 525: A24P-BF26

FTK24

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

Abrasive identification 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
PROLINE

mm:

2,0-3,0

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

				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 identification 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 identification according to ISO 525: C30Q-BF48

mm:
3,0-4,0

FT40

PRO LINE ●●○

- 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

Abrasive identification 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



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



Iron and sulphur free



ST38

TOP LINE ●●●

mm:

2,5-3,0

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

- High cutting speed
- Long service life
- Easy cutting

Lifetime ●●●●○

Cutting ability for solid material ●●●●●

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

ST38

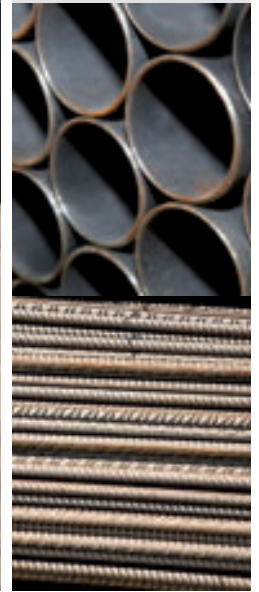
				Product category	GTIN/pc. EAN/pc.
300 x 2.5 x 25.40	5100	10	209498	PK03	4011890090015
350 x 2.5 x 25.40	4400	10	209499	PK03	4011890090022
400 x 3.0 x 25.40	3850	10	209500	PK03	4011890090039

Abrasive identification according to ISO 525: 31A24P9-BF13083

Shape 41



STATIONARY CUTTING DISCS / STEEL



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

Material:

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

mm:
3,0-5,0

ST56

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

				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 identification 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

				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 identification according to ISO 525: A36N8BF348



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

				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 identification according to ISO 525: A24R-BF211





AUTOMOTIVE SET



This professional tool set offers the right tool for many day-to-day jobs in the car repair shop. The XT8 EXACT cuts thin-walled components almost burr-free. The brushes included make it easier to clean and remove lacquer from workpieces.

The XT35 CROSS has been designed for cutting and light grinding work, such as burr removing, in a single operation. The VISION COOL offers an unobstructed view of the workpiece to help minimise errors during grinding. This saves time and money, particularly when processing thin-walled components such as mudguards.



AUTOMOTIVE

			Product category	GTIN/pc. EAN/pc.
125	1	209542	PK01	4011890090749

Content:

1 × SRBZ, 115 mm (353077)

1 × STBZ, 65 mm (353085)

3 × VISION COOL, 125 mm, K60 (207078)

5 × XTK8 EXACT, 125 mm (206684)

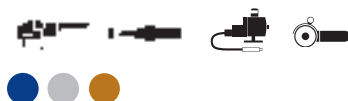
5 × XTK35 CROSS, 125 mm (208373)



CLEANING

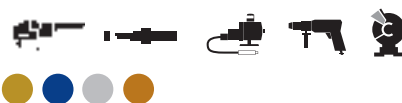
CONTENTS

NON-WOVEN CLEANING TOOLS



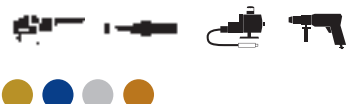
054

WHEEL BRUSHES



063

CUP BRUSHES



069

BEVEL BRUSHES



075

END BRUSHES



079

HAND SCRATCH BRUSHES



084

SPECIAL TECHNOLOGIES



More information on
page 234

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.



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

Material:

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



SVS HD

TOP LINE ●●●



Non-woven cleaning abrasive with ceramic high-performance abrasive grain.

For powerful cleaning performance and an extremely long lifetime.

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



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



SVS HD

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



SVS

PROLINE

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

- Easy on the material
- High cleaning performance

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

SVS

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



SVS MINI

PROLINE

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

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

SVS MINI

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



SVS GS

PROLINE

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

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

SVS GS

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



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety



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 x M12	10000	1	305422	PK07	4011890079300
8 x M12	10000	1	305423	PK07	4011890079317



SVS QUICK HD see page 156



SVSW see page 153

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

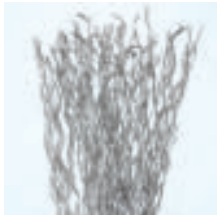


Hand scratch brushes

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 ⁻¹	Brush diameter (in mm)											
	20	40	50	80	100	125	150	180	200	250	300	350
800				3.35	4.19	5.23	6.28	7.53	8.37	10.47	12.56	14.75
900			2.35	3.77	4.71	5.88	7.06	8.48	9.41	11.77	14.12	16.47
1.150			3.01	4.81	6.01	7.52	9.02	10.83	12.03	15.04	18.04	21.04
1.200	1.26	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		Brush diameter (in mm)										
		60	65	75	80	90	100	115	120	125	150	175
Wheel brush, knotted	Machine outside diameter						115	115		125	150	180
Wheel brush, crimped							115	115				
Cup brush, knotted			115	125	150		180					
Cup brush, crimped		115		125	150		180					
							150					
Cup brush, abrasive							Adjustable 150					

Working revolutions for Ø:

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

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



Material:

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

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


ERBZ
TOPLINE

mm:
0,35-0,50

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

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

ERBZ

					Product category	GTIN/pc. EAN/pc.
115 x 12 x 23 x 22.23	0.50 mm	12500	1	353004	PK08	4011890072899
115 x 12 x 23 x 22.23	0.35 mm	12500	1	353005	PK08	4011890072905
125 x 13 x 28 x 22.23	0.50 mm	12500	1	353006	PK08	4011890072912
115 x 12 x 23 x 22.23	0.50 mm	12500	10	353080	PK08	4011890074794
115 x 12 x 23 x 22.23	0.35 mm	12500	10	353081	PK08	4011890074800
125 x 13 x 28 x 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 careful cleaning
- Homogeneous surfaces



ERBW

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

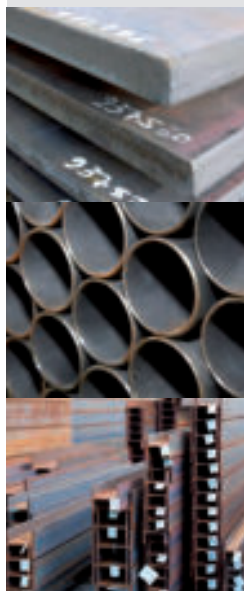
- For flexible work
- For gentle cleaning



ERBWBM

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

WHEEL BRUSHES / STEEL



Material:

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

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

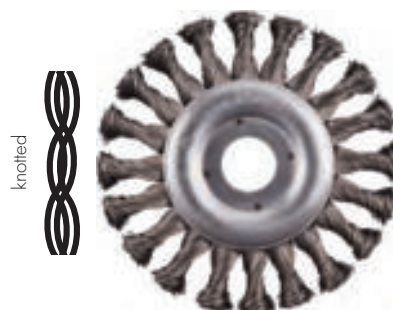

SRBZ
TOPLINE


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

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

SRBZ

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





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 caking



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 careful cleaning
- 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	0.30 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 x 8 x 20 x 6,0	0.30 mm	20000	12	353227	PK08	4011890094389
76 x 8 x 26 x 6,0	0.30 mm	15000	12	353228	PK08	4011890094396



SRBWBW

TOP LINE



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

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

SRBWBW

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



MRBWBW

					Product category	GTIN/pc. EAN/pc.
50 x 7 x 10 x 6.0	0.30 mm	4500	20	353234	PK08	4011890096031
75 x 10 x 16 x 6.0	0.30 mm	4500	10	353235	PK08	4011890096048
100 x 12 x 22 x 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 careful cleaning
- Brass-plated for improved corrosion protection

SRBWST

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



MRBWST

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



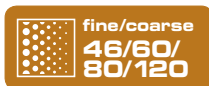
WHEEL BRUSHES / NON-FERROUS METALS, WOOD



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



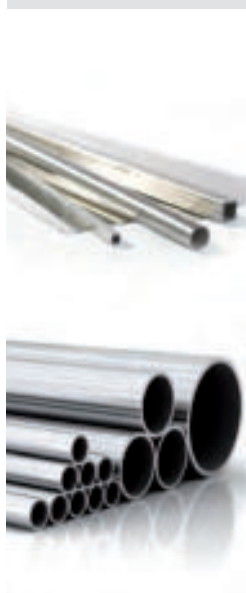
Brush colour red: coarse = K80 (SIC)
Brush colour blue: fine = K180 (AO)



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 caking
- 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

 knotted




ETBW

TOPLINE ●●●



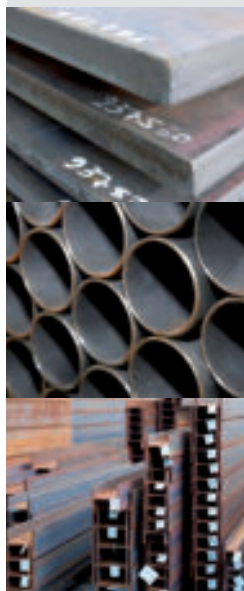
Stainless steel cup brush with crimped stainless steel wire, for use on angle grinders.

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



ETBW

					Product category	GTIN/pc. EAN/pc.
65 x 21 x M14	0.30 mm	12500	1	353020	PK08	4011890073063
65 x 21 x 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** ●●●○

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

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

STBZ

					Product category	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 S

PRO LINE ●●●○



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

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



STBZ S

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



STBW

PRO LINE ●●●○



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

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



STBW

					Product category	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 careful cleaning
- Moulded in plastic for up to 10 times longer lifetime.

STBWGS

					Product category	GTIN/pc. EAN/pc.
40 x 10 x 6.0	0.30 mm	8000	10	353137	PK08	4011890076958
50 x 10 x 6.0	0.30 mm	12000	10	353138	PK08	4011890076965
70 x 15 x 6.0	0.30 mm	5000	10	353139	PK08	4011890076972

crimped



STBWGSK

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

crimped



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 careful cleaning
- 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

crimped



MTBWBM

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

crimped



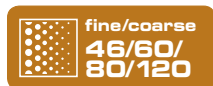
CUP BRUSHES / NON-FERROUS METALS, WOOD



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

Material:

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



HTB

TOPLINE ●●●



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

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



Brush colour red: coarse = K80 (SiC)
Brush colour blue: fine = K180 (AO)



HTB

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

BEVEL BRUSHES / STAINLESS STEEL



Material:

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

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.


EKBZ
TOP LINE ●●●


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

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

EKBZ

					Product category	GTIN/pc. EAN/pc.
100 × 13 × 22 × M14	0,50 mm	12500	1	353023	PK08	4011890073094
100 × 13 × 22 × M14	0,50 mm	12500	10	353092	PK08	4011890074916
115 × 15 × 20 × M14	0,50 mm	12500	1	353024	PK08	4011890073100
115 × 15 × 20 × M14	0,50 mm	12500	8	353093	PK08	4011890074923

knotted





EKBW

TOP LINE ●●●



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

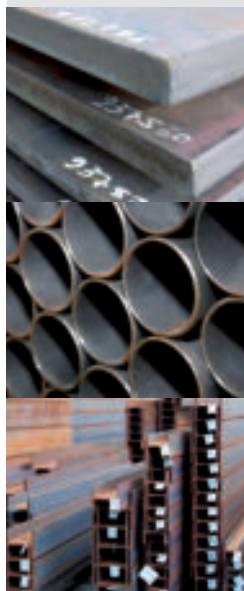
- For flexible working
- For careful cleaning
- Combines the advantages of cup and wheel brushes.



EKBW

					Product category	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



Material:

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

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.


SKBZ
PROLINE


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

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

SKBZ

					Product category	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



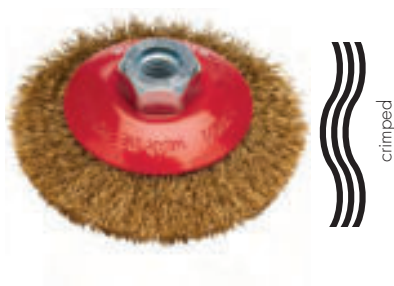
Steel bevel brush with crimped steel wire, for use on angle grinders.

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



SKBW

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



MKBW

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

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


EPBZ
TOP LINE

mm:
0,26

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

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



Brush expands while machine is running

EPBZ

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





EPBW

TOPLINE ●●●



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

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



EPBW

					Product category	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



Material:

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

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


SPBZ
TOP LINE


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

- Processing of difficult to reach locations / inside surfaces
- For high brush requirements



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





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

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



crimped

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



crimped

SPBWK

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



crimped

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



Material:

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

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


HPB
TOPLINE


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

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

HPB

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



HAND SCRATCH BRUSHES / STAINLESS STEEL



For manual work and universal use.

Material:

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



EHBG

TOP LINE ●●●



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

- For great cleaning performance
- To remove strong caking



straight

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

**EHBW****TOP LINE** ●●●

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

- For flexible working
- For careful cleaning
- Homogeneous surfaces

EHBW

				Product category	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

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

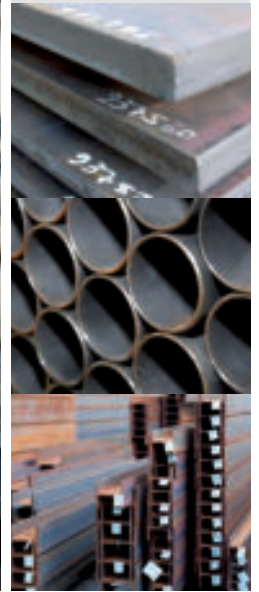
- Accurate cleaning
- Great cleaning performance
- Especially effective for slag

EKNB

				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

TOPLINE ●●●

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

- Great cleaning performance
- To remove strong caking



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

**BSBG****TOP LINE** ●●●

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

- Ergonomic non-slip handle
- Great cleaning performance

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

BSBGstraight
**SKNB****TOP LINE** ●●●

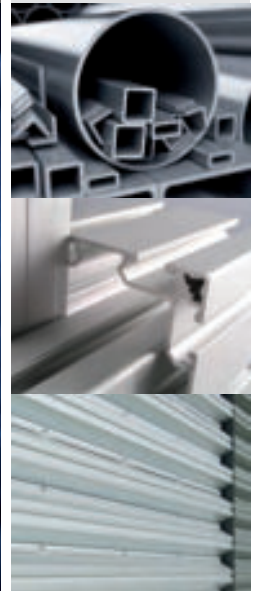
Fillet weld brush with V-shaped stainless steel fill material for optimum cleaning of hard-to-reach welding seams and fillet welds.

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

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

SKNBstraight


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

TOP LINE ●●●

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

- For flexible working
- For careful 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 ●●●



mm:
0,30

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 ●●●



mm:
0,30

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

- Ergonomic and non-slip handle
- Careful cleaning

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

BSBW





This is a comprehensive set for professional weld grinding, consisting of two brushes and two innovative products from the BRAINTOOLS range. Once welding seams have been cleaned with the brushes, the FUSION ensures that fillet welds are worked easily and efficiently. The product's unique design combines the benefits of a flap disc with those of a rough grinding disc. The soft grinding disc can be profiled and thus adapted perfectly to the fillet weld. The VISION provides a full and unobstructed view of the workpiece weld being worked on. This prevents tarnishing and the removal of too much material.



WELD GRINDING

			Product category	GTIN/pc. EAN/pc.
125	1	209543	PK08	4011890090756

Content:

1 × SRBZ, 115 mm (353083)
1 × SKBZ, 100 mm (353090)
3 × FS1 FUSION, 125 mm × 4 mm,
K40 (207829)

2 × FS1 FUSION, 125 mm × 6,5 mm,
K40 (207820)
2 × VISION COOL, 125 mm, K40 (207077)
2 × VISION COOL, 125 mm, K60 (207078)
1 × VISION COOL, 125 mm, K80 (207079)



GRINDING

CONTENTS

GRINDING DISCS



095

CUP/GRINDING WHEELS



105

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 095



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 096

SPECIAL TECHNOLOGIES



More information on
page 244



More information on
page 234

YOUR FASTEST WAY TO THE RIGHT PRODUCT

GRINDING

Explanation of symbols Stainless steel Stone Steel Cast iron Non-ferrous metals Points system Lifetime The lifetime indicates the maximum number of cuts for a disc. = especially suitable = suitable = less suitable <th colspan="12">Grinding discs</th> <th colspan="3">Cup wheels</th>			Grinding discs												Cup wheels			
			Reference	FS1 FUSION	RS580 EXTENDED	RS480	RS38	RS28	RS50 LONG LIFE	RS67	RS2	RS22	KSM	RS24	RS66	NK	SR15	SIC
			Page	095	096	098	099	099	100	101	101	102	102	103	104	105	106	107
			Quality level	TOP LINE	TOP LINE	TOP LINE	PRO LINE	ALPHA LINE	TOP LINE	TOP LINE	PRO LINE	PRO LINE	ALPHA LINE	TOP LINE	TOP LINE	PRO LINE	PRO LINE	PRO LINE
Material	Applications	Machine performance see page 016	Hardness / lifetime															
	Edge	weak																
		strong																
	Surface	weak																
		strong																
	Fillet weld	all																
	Edge	weak																
		strong																
	Surface	weak																
		strong																
	Fillet weld	all																
	Refined-grain construction steel	weak																
		strong																
	Aluminium	Universal	all															
	Bronze, brass	Universal	all															
	Titanium	Universal	all															
	Cast iron	Universal	all															
	Concrete (universal)/granite	Universal	all															
	Building materials	Universal	all															
	Abrasive materials/floor pavement	Universal	all															

* For metal penetration



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

FILLET WELD GRINDING WITH MAXIMUM LIFETIME



FS1 FUSION

TOP LINE



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

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

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

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



Material:

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

Typical applications:

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

Shape 27

FS1 FUSION

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

Abrasive marking according to ISO 525: 37A46P10BF1347



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



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



**FS1 FUSION
IN ACTION:**

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)

MORE COMFORTABLE VERY QUICK GRINDING

NEW!

mm:
7,0

RS580 EXTENDED

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

High stock removal performance

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



RS580 EXTENDED

Shape 27

					Product category	GTIN/pc. EAN/pc.
115 x 7,0 x 22,23		13.300	25	210656	PK04	4011890101889
125 x 7,0 x 22,23		12.250	25	210611	PK04	4011890101414
150 x 7,0 x 22,23		10.200	10	210657	PK04	4011890101919
180 x 7,0 x 22,23		8.500	10	210658	PK04	4011890101933
230 x 7,0 x 22,23		6.650	10	210659	PK04	4011890101957



**RS580 EXTENDED
IN ACTION:**

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)

GRINDING DISCS

V[m/sec]	50	63	80	100
d l [mm]	rpm			
100	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

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

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

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

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

Common fields of application for grinding discs are:

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

We recommend the use of flap discs for more comfortable surface grinding. You will find these from page 116 onwards.

Advantages of the special top layer:

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

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:

7,0

RS480

TOP LINE ●●●

- Lifetime
- Stock removal
- Hardness

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

Also performs very well on steel and cast iron.

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



Shape 27

RS480

				Product category	EAN/pc. GTIN/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 identification according to ISO 525: 78A24A10BF13778



RS38

PROLINE

mm:
4,0-7,0

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

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

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

RS38

				Product category	EAN/pc. GTIN/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 identification according to ISO 525: A24S8BF1339

Shape 27



RS28

ALPHALINE

mm:
7,0

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

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

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

Ideal for low-power machines

RS28

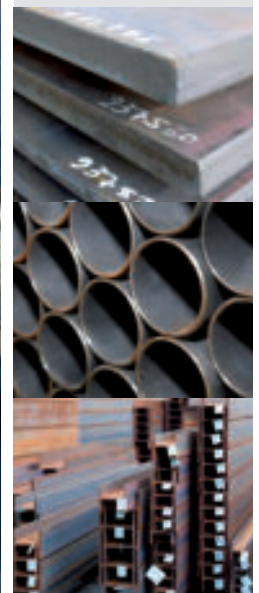
				Product category	EAN/pc. GTIN/pc.
115 x 7.0 x 22.23	13300	25	208732	PK04	4011890071694
125 x 7.0 x 22.23	12250	25	208733	PK04	4011890071717
180 x 7.0 x 22.23	8500	10	208734	PK04	4011890071731
230 x 7.0 x 22.23	6650	10	208735	PK04	4011890071748

Abrasive identification according to ISO 525: 30A24P9BF11718

Shape 27



GRINDING DISCS / STEEL



Material:

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

mm:
7,0

RS50 LONGLIFE

TOP LINE ●●●

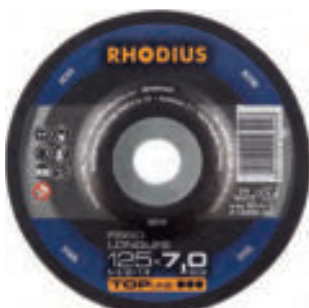


- Lifetime
- Stock removal
- Hardness

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

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

i Specifically suitable for edge grinding



Shape 27

RS50 LONGLIFE

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

Abrasive identification according to ISO 525: 73AC24R9BF13585

**RS67****TOP LINE** ●●●mm:
7,0

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

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

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

RS67

				Product category	EAN/pc. GTIN/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 identification according to ISO 525: 74A24S6BF1412

Shape 27

**RS2****PRO LINE** ●●●mm:
4,0-10,0

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

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

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

RS2

				Product category	EAN/pc. GTIN/pc.
76 × 6.0 × 10.00	20100	25	302038	PK04	4011890034156
105 × 7.0 × 16.00	15300	25	200167	PK04	4011890001059
115 × 4.0 × 22.23	13300	25	200172	PK04	4011890001080
115 × 7.0 × 22.23	13300	25	200184	PK04	4011890001127
125 × 4.0 × 22.23	12250	25	200208	PK04	4011890001219
125 × 7.0 × 22.23	12250	25	200213	PK04	4011890001264
150 × 4.0 × 22.23	10200	25	205678	PK04	4011890054123
150 × 7.0 × 22.23	10200	10	200238	PK04	4011890001363
180 × 4.0 × 22.23	8500	10	200246	PK04	4011890001431
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 identification according to ISO 525: A30P8BF153

Shape 27



mm:

8,0**RS22****PRO**LINE ●●○

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

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

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



Especially for high-frequency machines



Shape 27

RS22

					Product category	EAN/pc. GTIN/pc.
180 x 8.0 x 22.23		8500	10	208124	PK04	4011890064900
230 x 8.0 x 22.23		6650	10	208617	PK04	4011890070321

Abrasive identification according to ISO 525: A30P8-BF153

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

Abrasive identification 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



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



RS24

TOP LINE ●●●

mm:
7,0

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

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

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

RS24

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

Abrasive identification according to ISO 525: A24N-BF28

Shape 27



GRINDING DISC / STONE



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

Material:

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

mm:

7,0

RS66

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

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

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



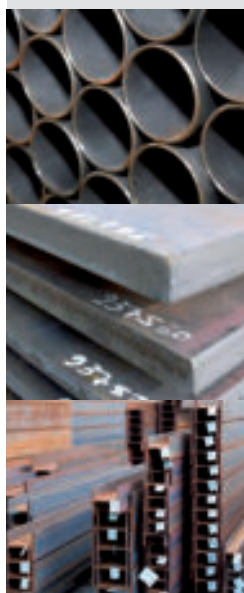
Shape 27

RS66

	⊕	⊖	📦	💻	Product category	EAN/pc. GTIN/pc.
115 × 7.0 × 22.23		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 identification according to ISO 525: C24P-BF29

CUP WHEELS & GRINDING WHEELS / STEEL



Material:

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


NK
PROLINE


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

NK

Shape 11



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 024

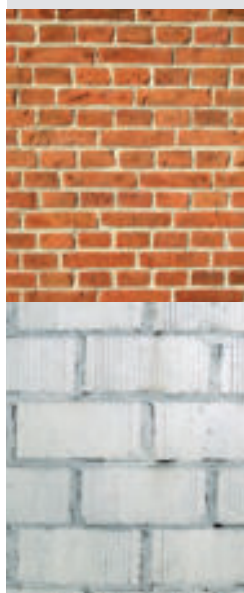


Shape 1

SR 15

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

Abrasive identification 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** ●●○

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

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

SIC

					Product category	EAN/pc. GTIN/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

Shape 11





GRINDING/POLISHING

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HIGHLIGHTS



VISION SPEED

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

Page 116



VSK VISION

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

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SPECIAL TECHNOLOGIES



More information on
page 234



More information on
page 240



More information on
page 244



More information on
page 246



More information on
page 248

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

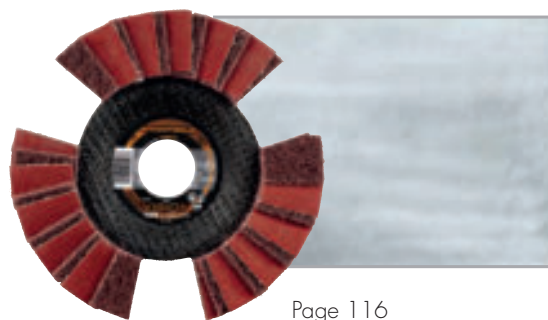
1 Preparation

- 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 116

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 174

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 176



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	



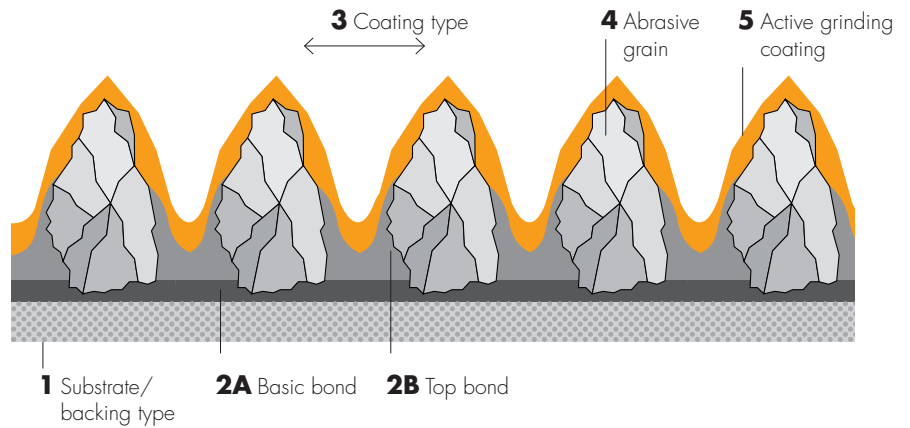
As a general rule, we recommend using a variable angle polisher for steps 1 to 3, so as to achieve optimum working results.

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

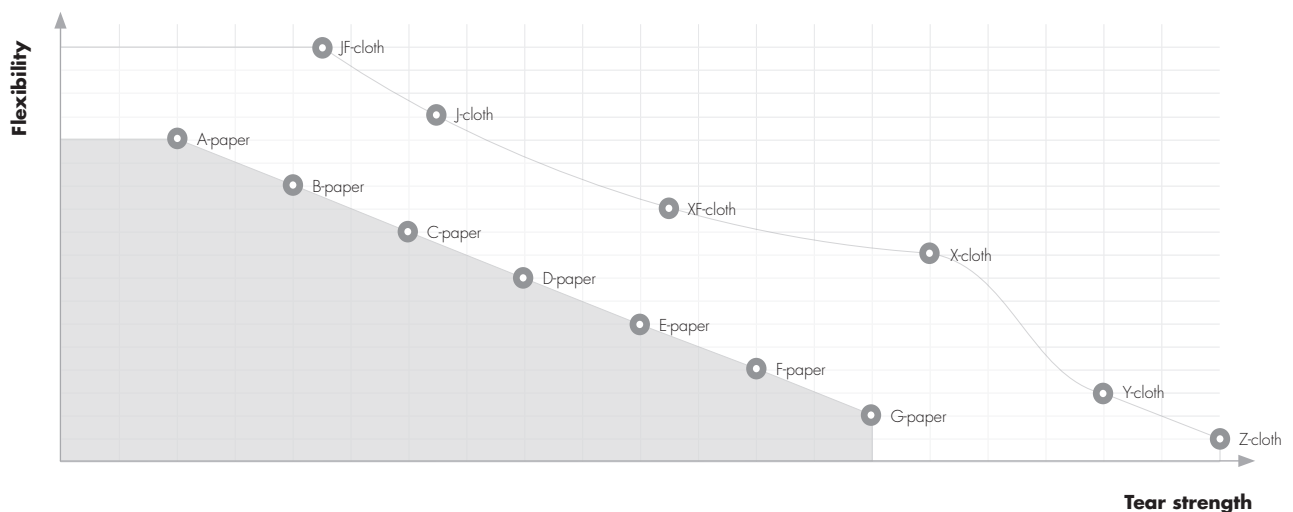
Abrasives based on paper and film backings are primarily used for working on paints, lacquers and composite materials. The standard paper weight used for coated abrasives is specified using an international letter code system that ranges from A (70 g/m²) to G (400 g/m²), where the "A" weight is the most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

Cloth (cotton, polyester and polycotton)

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

Vulcanised fibre

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



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.

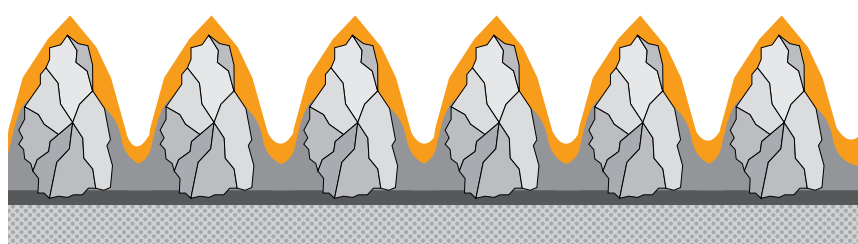
Coating type

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.

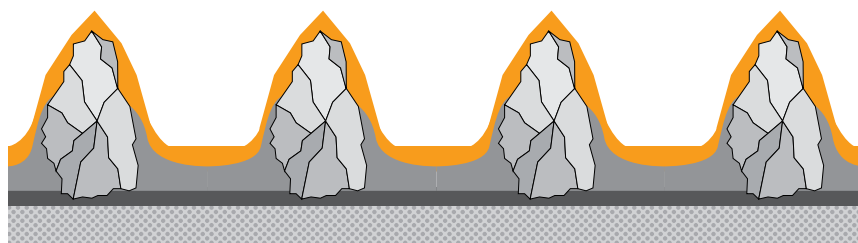
As a rule of thumb:

Closed coated = grinding for surface finishing

Open coated = grinding for material abrasion



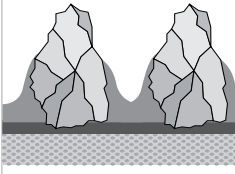
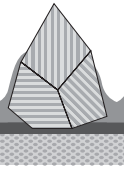
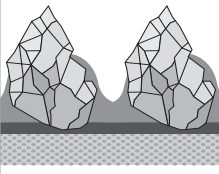
Closed coating



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

5 Active grinding coating: more powerful layer for layer

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

YOUR FASTEST WAY TO THE RIGHT PRODUCT

Explanation of symbols Stainless steel Steel Non-ferrous metals Stone Cast iron FRP Wood Lasur/Filler Points system Lifetime The lifetime indicates the maximum number of cuts for a disc. = especially suitable = suitable = less suitable <tr><th colspan="2">VISION</th><th colspan="2">JUMBO</th><th colspan="1">Fillet weld</th><th colspan="10">Standard Flap discs</th><th colspan="3">Special discs</th><th colspan="5">Fiber discs</th></tr> <tr><th>Quality level</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">PRO</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">PRO</th><th colspan="2">PRO</th><th colspan="2">PRO</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">PRO</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">PRO</th><th colspan="2">TOP</th><th colspan="2">TOP</th><th colspan="2">PRO</th><th colspan="2">PRO</th><th colspan="2">PRO</th></tr> <tr><th>Page</th><th>116</th><th>117</th><th>118</th><th>119</th><th>120</th><th>121</th><th>122</th><th>124</th><th>130</th><th>125</th><th>126</th><th>131</th><th>131</th><th>127</th><th>128</th><th>132</th><th>134</th><th>133</th><th>176</th><th>054</th><th>055</th><th>135</th><th>136</th><th>137</th><th>138</th><th>138</th></tr> <tr><th>Product name</th><th>VISION SPEED</th><th>VISION COOL</th><th>VISION PRO</th><th>VSK VISION</th><th>JUMBO SPEED EXT.D.</th><th>JUMBO LONGLIFE EXT.D.</th><th>LSK FK/LGK FK</th><th>LSZ F/LGZ F EXT.D.</th><th>LSZ FB</th><th>LSZ F1/LGZ F1</th><th>LSZ P1</th><th>LSA F1</th><th>LSA P1</th><th>LSZ F2/LGZ F2</th><th>LSZ F3/LGZ F3</th><th>IGA ALU</th><th>VSK F</th><th>VLS</th><th>FLS</th><th>SVS HD</th><th>SVS</th><th>KFK</th><th>KFZ</th><th>KFS</th><th>SFA</th><th>SFC</th></tr> <tr><th>Material</th><th>Application</th><th>Machine performance</th><th>Lifetime Stock removal</th><td colspan="24"></td></tr> <tr><td rowspan="6">Stainless steel</td><td rowspan="2">Edge</td><td>Weak</td><td> </td></tr>			VISION		JUMBO		Fillet weld	Standard Flap discs										Special discs			Fiber discs					Quality level	TOP		TOP		PRO		TOP		TOP		TOP		PRO		PRO		PRO		TOP		TOP		PRO		TOP		TOP		PRO		TOP		TOP		PRO		PRO		PRO		Page	116	117	118	119	120	121	122	124	130	125	126	131	131	127	128	132	134	133	176	054	055	135	136	137	138	138	Product name	VISION SPEED	VISION COOL	VISION PRO	VSK VISION	JUMBO SPEED EXT.D.	JUMBO LONGLIFE EXT.D.	LSK FK/LGK FK	LSZ F/LGZ F EXT.D.	LSZ FB	LSZ F1/LGZ F1	LSZ P1	LSA F1	LSA P1	LSZ F2/LGZ F2	LSZ F3/LGZ F3	IGA ALU	VSK F	VLS	FLS	SVS HD	SVS	KFK	KFZ	KFS	SFA	SFC	Material	Application	Machine performance	Lifetime Stock removal																									Stainless steel	Edge	Weak	
			VISION		JUMBO		Fillet weld	Standard Flap discs										Special discs			Fiber discs																																																																																																																																			
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			Page	116	117	118	119	120	121	122	124	130	125	126	131	131	127	128	132	134	133	176	054	055	135	136	137	138	138																																																																																																																											
Product name	VISION SPEED	VISION COOL	VISION PRO	VSK VISION	JUMBO SPEED EXT.D.	JUMBO LONGLIFE EXT.D.	LSK FK/LGK FK	LSZ F/LGZ F EXT.D.	LSZ FB	LSZ F1/LGZ F1	LSZ P1	LSA F1	LSA P1	LSZ F2/LGZ F2	LSZ F3/LGZ F3	IGA ALU	VSK F	VLS	FLS	SVS HD	SVS	KFK	KFZ	KFS	SFA	SFC																																																																																																																														
Material	Application	Machine performance	Lifetime Stock removal																																																																																																																																																					
Stainless steel	Edge	Weak																																																																																																																																																						

BETTER PERSPECTIVE WHEN GRINDING QUICKLY

NEW!



VISION SPEED

TOP LINE ●●●



- Lifetime
- Stock removal



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

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

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

Materials:

- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels
- Aluminium
- Removing rust
- Dressing spot welds
- Prepping sheet metal for body repairs
- Prepping underside repairs



VISION SPEED

					Product category	GTIN/pc. EAN/pc.
⊕		1/min				
115 x 22.23	40	13300	10	210652	PK05	4011890101971
115 x 22.23	60	13300	10	210653	PK05	4011890101995
115 x 22.23	80	13300	10	210654	PK05	4011890102015
115 x 22.23	120	13300	10	210655	PK05	4011890102039
125 x 22.23	40	12250	10	210644	PK05	4011890102053
125 x 22.23	60	12250	10	210645	PK05	4011890102077
125 x 22.23	80	12250	10	210646	PK05	4011890102091
125 x 22.23	120	12250	10	210647	PK05	4011890102114

VISION SPEED X-LOCK

					Product category	GTIN/pc. EAN/pc.
⊕		1/min				
115 x 22,23	40	13.300	10	211401	PK05	4011890125557
115 x 22,23	60	13.300	10	211402	PK05	4011890125571
115 x 22,23	80	13.300	10	211403	PK05	4011890125595
125 x 22,23	40	12.250	10	211404	PK05	4011890125618
125 x 22,23	60	12.250	10	211405	PK05	4011890125632



VISION SPEED IN ACTION:

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)



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



...better surface quality...

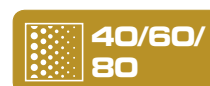


...and controlled material
abrasion

BETTER PERSPECTIVE WITH A COOL CUT



VISION COOL

TOP LINE ●●●

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

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

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

angled


VISION COOL

						Product category	GTIN/pc. EAN/pc.
115 × 22.23		40	13300	10	207083	PK05	4011890060056
115 × 22.23		60	13300	10	207084	PK05	4011890060063
115 × 22.23		80	13300	10	207085	PK05	4011890060070
125 × 22.23		40	12250	10	207077	PK05	4011890059951
125 × 22.23		60	12250	10	207078	PK05	4011890059968
125 × 22.23		80	12250	10	207079	PK05	4011890059975



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



...better surface quality...



...and controlled material abrasion



**VISION COOL
IN ACTION:**

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)

BETTER PERSPECTIVE ESPECIALLY FOR STEEL APPLICATIONS



VISION PRO

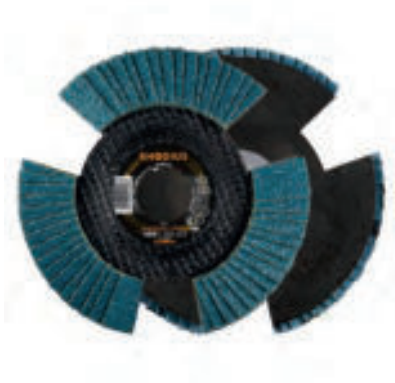
PRO LINE ●●●○



- 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



angled

⊕	Grid	mm	mm	mm	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



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



...better surface quality...



...and controlled material abrasion



VISION PRO IN ACTION:

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)

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:

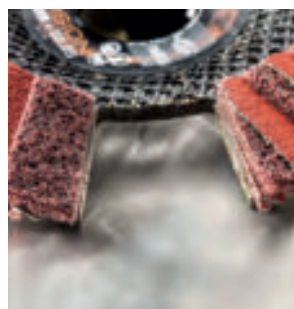
- Rust- and acid-proofed steels
- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Non-ferrous metals
- Wood, coatings, body filler
- Plastics
- GFRP
- CFRP

Typical applications:

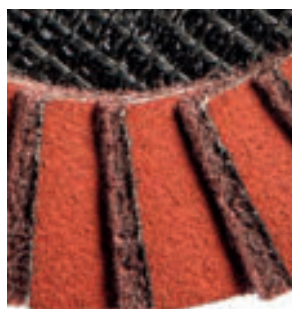
- Pre-polishing
- Decorative surface finish
- Welding seams
- Burr removing
- Levelling
- De-rusting
- Surface grinding
- Corner and edge grinding
- Cleaning



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

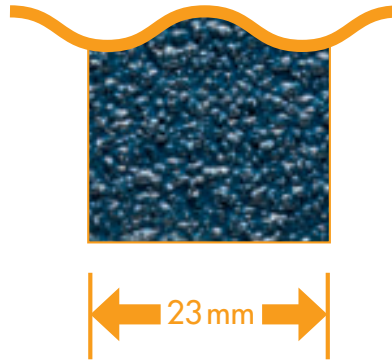
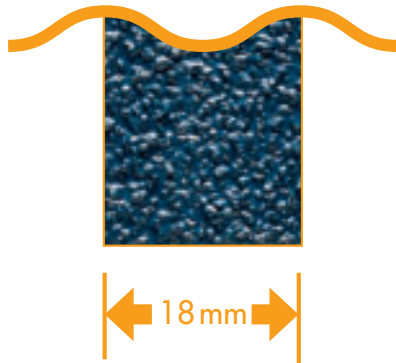
Watch video now on our
Youtube channel.
<https://www.youtube.com/rhodiumabrasives1952>

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.



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



TOP LINE ●●●

- Lifetime
- Stock removal

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

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



XLOCK

NEW!



JUMBO SPEED EXTENDED

					Product category	GTIN/pc. EAN/pc.
115 x 22,23	40	13.300	10	208743	PK05	4011890072097
115 x 22,23	60	13.300	10	208744	PK05	4011890072110
115 x 22,23	80	13.300	10	208745	PK05	4011890072134
125 x 22,23	40	12.250	10	208746	PK05	4011890072158
125 x 22,23	60	12.250	10	208747	PK05	4011890072172
125 x 22,23	80	12.250	10	208748	PK05	4011890072196
150 x 22,23	40	10.200	10	303919	PK05	4011890098486
180 x 22,23	40	8.500	10	209812	PK05	4011890094105

JUMBO SPEED P X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22,23	40	13.300	10	211395	PK05	4011890125434
115 x 22,23	60	13.300	10	211396	PK05	4011890125458
115 x 22,23	80	13.300	10	211397	PK05	4011890125472
125 x 22,23	40	12.250	10	211398	PK05	4011890125496
125 x 22,23	60	12.250	10	211399	PK05	4011890125519
125 x 22,23	80	12.250	10	211400	PK05	4011890125533

angled

**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

straight

**JUMBO LONGLIFE EXTENDED****TOP LINE**
 Lifetime ●●●●●●●●
 Stock removal ●●●●●●○


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

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

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

angled

**JUMBO LONGLIFE TRIM**

					Product category	GTIN/pc. EAN/pc.
115 x 22,23	40	13.300	10	211407	PK05	4011890125670
115 x 22,23	60	13.300	10	211408	PK05	4011890125694
115 x 22,23	80	13.300	10	211409	PK05	4011890125717
125 x 22,23	40	12.250	10	211410	PK05	4011890125731
125 x 22,23	60	12.250	10	211411	PK05	4011890125755
125 x 22,23	80	12.250	10	211412	PK05	4011890125779

straight



FLAP DISC FOR FILLET WELD TREATMENT / STAINLESS STEEL



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.

Material:

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



Iron and sulphur free



●●●●○ Lifetime
●●●●○ Stock removal

LSK FK

TOP LINE ●●●



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 × 22.23	40	13300	10	210249	PK05	4011890096901
115 × 22.23	60	13300	10	210251	PK05	4011890096925
115 × 22.23	80	13300	10	210276	PK05	4011890096963
125 × 22.23	40	12250	10	210182	PK05	4011890095652
125 × 22.23	60	12250	10	210183	PK05	4011890095676
125 × 22.23	80	12250	10	210184	PK05	4011890095690

LGK FK						
					Product category	GTIN/pc. EAN/pc.
125 x 22,23	40	12250	10	210259	PK05	4011890101629
125 x 22,23	60	12250	10	210260	PK05	4011890101643
125 x 22,23	80	12250	10	210261	PK05	4011890101667



FLAP DISCS / STAINLESS STEEL



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

Material:

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



Iron and sulphur free



- Lifetime
- Stock removal

LSZ F EXTENDED

TOP LINE



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

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



NEW!



angled

LSZ F EXTENDED

					Product category	GTIN/pc. EAN/pc.
115 x 22,23	40	13.300	10	205505	PK05	4011890053454
115 x 22,23	60	13.300	10	205506	PK05	4011890053461
115 x 22,23	80	13.300	10	205507	PK05	4011890053478
125 x 22,23	40	12.250	10	205508	PK05	4011890053485
125 x 22,23	60	12.250	10	205509	PK05	4011890053492
125 x 22,23	80	12.250	10	205510	PK05	4011890053508
150 x 22,23	40	10.200	10	303707	PK05	4011890084427
150 x 22,23	60	10.200	10	303708	PK05	4011890084441
150 x 22,23	80	10.200	10	303709	PK05	4011890084465

LGZ F

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

straight

**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 carrier

LSZ F1

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

angled

**LGZ F1**

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

straight



NEW!



LSZ F1 X-LOCK

						Product category	GTIN/pc. EAN/pc.
115 x 22,23		40	13.300	10	211389	PK05	4011890125311
115 x 22,23		60	13.300	10	211390	PK05	4011890125335
115 x 22,23		80	13.300	10	211391	PK05	4011890125359
125 x 22,23		40	12.250	10	211392	PK05	4011890125373
125 x 22,23		60	12.250	10	211393	PK05	4011890125397
125 x 22,23		80	12.250	10	211394	PK05	4011890125410



LSZ P1

PRO LINE ●●●○

- 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 F2

ALPHA LINE ●○○

40/60/80

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

Lifetime ●●●○○○
Stock removal ●●●○○○

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

LSZ F2

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



angled

LGZ F2

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



straight



LSZ F2 VALUE PACK

ALPHA LINE ●○○

40/60/80

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

Lifetime ●●●○○○
Stock removal ●●●○○○

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

LSZ F2 VALUE PACK

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



angled



LSZ F2 BOX

ALPHA LINE ●○○

●○○○○ Lifetime
●●●○○ Stock removal

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

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



LSZ F2 BOX

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



LSZ F3

ALPHA LINE ●○○

●○○○○ Lifetime
●●●○○ Stock removal

An attractively-priced flap disc with Zirconium.

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



LSZ F3

					Product category	GTIN/pc. EAN/pc.
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
180 × 22,23	40	8.500	10	211420	PK05	4011890125939
180 × 22,23	60	8.500	10	211421	PK05	4011890125953
180 × 22,23	80	8.500	10	211422	PK05	4011890125977



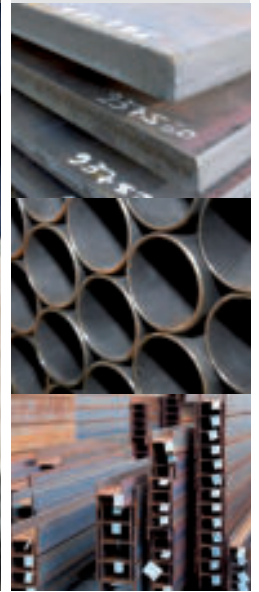
LGZ F3

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

LGZ P3							
					Product category	EAN/pc. GTIN/pc.	
115 x 22,23	40	13.300	10	211413	PK05	4011890125793	
115 x 22,23	60	13.300	10	211414	PK05	4011890125816	
115 x 22,23	80	13.300	10	211415	PK05	4011890125830	
115 x 22,23	120	13.300	10	211416	PK05	4011890125854	
125 x 22,23	40	12.250	10	211417	PK05	4011890125878	
125 x 22,23	60	12.250	10	211418	PK05	4011890125892	
125 x 22,23	80	12.250	10	211419	PK05	4011890125915	



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 long lifetime.

X-LOCK

- 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 x 22,23	40	13.300	10	211327	PK05	4011890124635
115 x 22,23	60	13.300	10	211328	PK05	4011890124659
115 x 22,23	80	13.300	10	211329	PK05	4011890124673
115 x 22,23	120	13.300	10	211330	PK05	4011890124697
125 x 22,23	40	12.250	10	211331	PK05	4011890124710
125 x 22,23	60	12.250	10	211332	PK05	4011890124734
125 x 22,23	80	12.250	10	211333	PK05	4011890124758
180 x 22,23	40	8.500	10	211423	PK05	4011890125991
180 x 22,23	60	8.500	10	211424	PK05	4011890126011
180 x 22,23	80	8.500	10	211425	PK05	4011890126035

LGZ PB X-LOCK

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13.300	10	211446	PK05	4011890126110
115 x 22.23	60	13.300	10	211447	PK05	4011890126134
115 x 22.23	80	13.300	10	211448	PK05	4011890126158
125 x 22.23	40	12.250	10	211449	PK05	4011890126172
125 x 22.23	60	12.250	10	211450	PK05	4011890126196
125 x 22.23	80	12.250	10	211451	PK05	4011890126219

straight

**LSA F1****PROLINE** ●●●○

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

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

Lifetime ●●●○○○
Stock removal ●●●○○○

LSA F1

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

angled

**LSA P1****PROLINE** ●●●○

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

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

Lifetime ●●●○○○
Stock removal ●●●○○○

LSA P1

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

angled



FLAP DISCS / NON-FERROUS METALS



The special coating prevents the disc from clogging.



Aluminium dust is very fine: even with extraction, it can still accumulate in the angle grinder and destroy it. Air grinders are less sensitive to dust. If you are 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.



LGA ALU

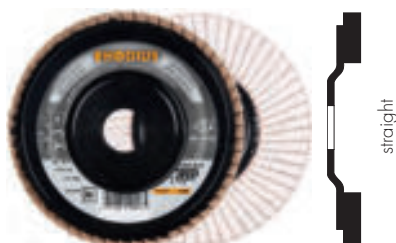
TOP LINE ●●●



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



straight

LGA ALU

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	210473	PK05	4011890099667
115 x 22.23	60	13300	10	210474	PK05	4011890099681
125 x 22.23	40	12250	10	210475	PK05	4011890099575
125 x 22.23	60	12250	10	210476	PK05	4011890099704

NON-WOVEN FLAP DISCS

**Material:**

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

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



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

**VLS****PROLINE**

Lifetime ●●●●○
Stock removal ●●●○●

Non-woven flap disc for gentle surface treatment.

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



Reduce revolutions!

VLS

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



VSK F

TOP LINE ●●●



- 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: 3,000–3,500 rpm



- Grinding and finishing in one operation
- Fine surface finish

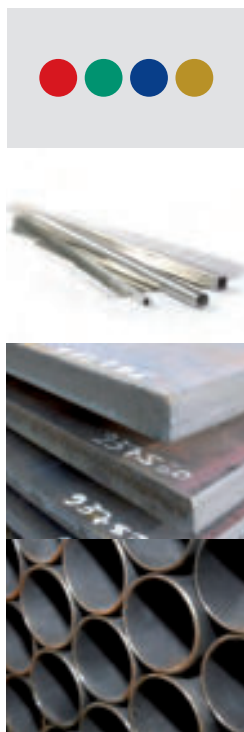
NEW!



VSK F

						Product category	GTIN/pc. EAN/pc.
115 x 22.23		80/medium	13.300	10	353296	PK07	4011890125205
125 x 22.23		80/medium	12.250	10	304146	PK07	4011890113417

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.



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****TOP LINE**

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, tinner areas and titanium
- Perceivably faster stock removal
- Long lifetime



For use only on matching RH TURBO and RHST backing pads – see page 139

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
125 x 22.23	24	12250	25	303329	PK06	4011890066188





					Product category	GTIN/pc. EAN/pc.
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

TOP LINE ●●●



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 RHST backing pads – see page 139



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	300316	PK06	4011890022993
125 x 22,23	36	12250	25	300315	PK06	4011890022986
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

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 RHST backing pads – see page 139

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



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

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

 For use only on matching RH TURBO and RHST backing pads – see page 139



SFA

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

 For use only on matching RHST backing pad – see page 139



SFC

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



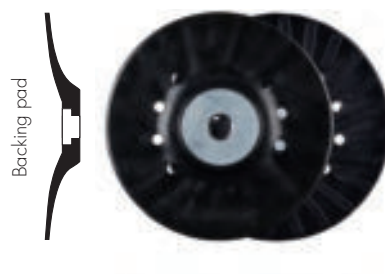
RH TURBO

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.
115 × 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.
100 × M10	15300	10	303672	PK06	4011890083307
115 × 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
	HOLZHER	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
100 x 560	SKIL	594 U; 595 U; 7640 MA; 7650 AA; 7650 AE
	AEG	HBS 100; HBSE 100; BBS 1100; BBSE 1100
	Elu	MHB90; MHB90 E; MHB90K
100 x 610	DeWalt	DW 650; DW 650E
	Einhell	BBS 1200
	Hitachi	SB 10 T; SB 10 V; SB 10 V2; SB 10 S2
	Makita	9402; 9403; 9404; 9924 DB
100 x 620	Ryobi	B-7200 A; BE-422; BIBE 424; BE-4240; EBS 1310 V
	Atlas Copco	BBS 100; BBSE 100
	Bosch	GBS 100 A; GBS 100 AE
	Metabo	Ba 6100
110 x 620	Milwaukee	BS 100 LE
75 x 2000	Hitachi	SB 110
	Fein	GIM; GIC
	Flott	BSM 75; BSM E1
75 x 2500	Holzmann	MSM 75
100 x 2000	Löser	KS 360
	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.

**ESB CL****TOPLINE**

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

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

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

ESB CL

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



**ESB ZL****TOP**LINE ●●●

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

ESB KK

				Product category	GTIN/pc. EAN/pc.
30 x 533	40	20	301289	PK06	4011890027240
30 x 533	60	20	301291	PK06	4011890027264
75 x 457	40	20	301408	PK06	4011890028155
75 x 457	60	20	301409	PK06	4011890028162
75 x 457	80	20	301410	PK06	4011890028179
75 x 457	100	20	301411	PK06	4011890028186
75 x 457	120	20	301412	PK06	4011890028193
75 x 457	150	20	301413	PK06	4011890028209
75 x 533	40	20	301421	PK06	4011890028285
75 x 533	60	20	301423	PK06	4011890028308
75 x 533	80	20	301424	PK06	4011890028315
75 x 533	100	20	301425	PK06	4011890028322
75 x 533	120	20	301426	PK06	4011890028339
100 x 610	40	20	301510	PK06	4011890029183
100 x 610	60	20	301512	PK06	4011890029206
100 x 610	80	20	301513	PK06	4011890029213
100 x 610	100	20	301514	PK06	4011890029220
100 x 610	120	20	301515	PK06	4011890029237
100 x 620	60	20	301525	PK06	4011890029336
100 x 620	80	20	301526	PK06	4011890029343
100 x 620	120	20	301528	PK06	4011890029367



ESB V



PROLINE

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

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

Backing type: Xflex

ESB V

				Product category	GTIN/pc. EAN/pc.
9 x 533	coarse	20	305992	PK06	4011890097571
9 x 533	medium	20	305993	PK06	4011890097588
9 x 533	very fine	20	305994	PK06	4011890097595
30 x 533	coarse	20	307044	PK06	4011890099063
30 x 533	medium	20	307045	PK06	4011890099070
30 x 533	very fine	20	307046	PK06	4011890099087
40 x 760	coarse	20	307050	PK06	4011890099124
40 x 760	medium	20	307051	PK06	4011890099131
40 x 760	very fine	20	307052	PK06	4011890099148



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

**ESB CX****TOP LINE** ●●●

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

**ESB ZX****TOP LINE** ●●●

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



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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



Grain type: Zirconium

ESH

TOP LINE ●●●



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.

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

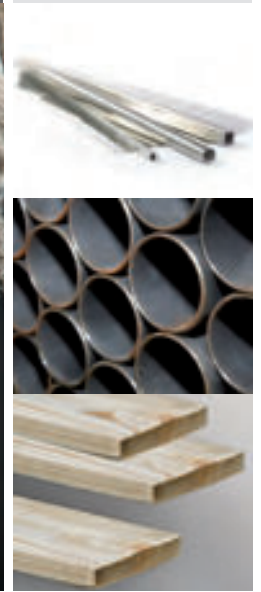
- Long lifetime
- Medium hardness
- Ventilation for cooler grinding

SHEK

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



FLAP WHEELS



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

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



SLR

PROLINE ●●●○



Grain type: Aluminium oxide

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 K

TOP LINE ●●●



Ceramic grain flap wheel with 6 mm shank.

- Best stock removal performance thanks to the high-performance abrasive grain
- Large synthetic resin core for a long lifetime

FS K

					Product category	GTIN/pc. EAN/pc.
40 x 20 x 6.0	60	19.100	10	353308	PK06	4011890126332
40 x 20 x 6.0	80	19.100	10	353309	PK06	4011890126356
40 x 20 x 6.0	120	19.100	10	353310	PK06	4011890126370
60 x 30 x 6.0	60	12.700	10	353311	PK06	4011890126394
60 x 30 x 6.0	80	12.700	10	353312	PK06	4011890126417
60 x 30 x 6.0	120	12.700	10	353313	PK06	4011890126431

NEW!



FS MINI

TOP LINE ●●●



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

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

Grain type: Aluminium oxide

FS MINI

					Product category	GTIN/pc. EAN/pc.
10 x 10 x 3.0	80	38200	10	305102	PK06	4011890078464
10 x 10 x 3.0	120	38200	10	305103	PK06	4011890078471
15 x 15 x 3.0	80	38200	10	305105	PK06	4011890078495
15 x 15 x 3.0	120	38200	10	305106	PK06	4011890078501
20 x 10 x 3.0	80	38200	10	305108	PK06	4011890078525
20 x 10 x 3.0	120	38200	10	305109	PK06	4011890078532
20 x 15 x 3.0	80	38200	10	305111	PK06	4011890078556
20 x 15 x 3.0	120	38200	10	305112	PK06	4011890078563



FS

TOP LINE ●●●



Flap wheel with a 6 mm shank.

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

Grain type: Aluminium oxide

FS

					Product category	GTIN/pc. EAN/pc.
30 x 10 x 6.0	40	25400	10	305641	PK06	4011890086667
30 x 10 x 6.0	60	25400	10	305114	PK06	4011890078587
30 x 10 x 6.0	80	25400	10	305115	PK06	4011890078594
30 x 10 x 6.0	120	25400	10	305116	PK06	4011890078600
30 x 10 x 6.0	150	25400	10	305117	PK06	4011890078617
30 x 15 x 6.0	40	25400	10	305489	PK06	4011890083536



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					Product category	GTIN/pc. EAN/pc.
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.



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

**VSK****TOPLINE** ●●●

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

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

VSK

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





					Product category	GTIN/pc. EAN/pc.
50 x 30 x 6.0	A240/very fine	13700	10	305653	PK06	4011890086780
60 x 30 x 6.0	A60/coarse	11500	10	305321	PK06	4011890079409
60 x 30 x 6.0	A80/medium	11500	10	305322	PK06	4011890079416
60 x 30 x 6.0	A150/fine	11500	10	305323	PK06	4011890079423
60 x 30 x 6.0	A240/very fine	11500	10	305324	PK06	4011890079430
60 x 40 x 6.0	A60/coarse	11500	10	305325	PK06	4011890079447
60 x 40 x 6.0	A80/medium	11500	10	305326	PK06	4011890079454
60 x 40 x 6.0	A150/fine	11500	10	305327	PK06	4011890079461
60 x 40 x 6.0	A240/very fine	11500	10	305328	PK06	4011890079478
80 x 40 x 6.0	A60/coarse	8600	10	305329	PK06	4011890079485
80 x 40 x 6.0	A80/medium	8600	10	305330	PK06	4011890079492
80 x 40 x 6.0	A150/fine	8600	10	305331	PK06	4011890079508
80 x 40 x 6.0	A240/very fine	8600	10	305332	PK06	4011890079515
80 x 50 x 6.0	A60/coarse	8600	10	305333	PK06	4011890079522
80 x 50 x 6.0	A80/medium	8600	10	305334	PK06	4011890079539
80 x 50 x 6.0	A150/fine	8600	10	305335	PK06	4011890079546
80 x 50 x 6.0	A240/very fine	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 x 30 x 6.0	coarse	17100	10	305337	PK06	4011890079560
40 x 30 x 6.0	medium	17100	10	305338	PK06	4011890079577
40 x 30 x 6.0	fine	17100	10	305339	PK06	4011890079584
40 x 30 x 6.0	very fine	17100	10	305340	PK06	4011890079591
50 x 30 x 6.0	coarse	13700	10	305341	PK06	4011890079607
50 x 30 x 6.0	medium	13700	10	305342	PK06	4011890079614
50 x 30 x 6.0	fine	13700	10	305343	PK06	4011890079621
50 x 30 x 6.0	very fine	13700	10	305344	PK06	4011890079638
60 x 50 x 6.0	coarse	11500	10	305345	PK06	4011890079645
60 x 50 x 6.0	medium	11500	10	305346	PK06	4011890079652
60 x 50 x 6.0	fine	11500	10	305347	PK06	4011890079669
60 x 50 x 6.0	very fine	11500	10	305348	PK06	4011890079676
80 x 50 x 6.0	coarse	8600	10	305349	PK06	4011890079683
80 x 50 x 6.0	medium	8600	10	305350	PK06	4011890079690
80 x 50 x 6.0	fine	8600	10	305351	PK06	4011890079706
80 x 50 x 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

PROLINE



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

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

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



**LW****TOP**LINE ●●●

Grain type: Aluminium oxide

Abrasive flap drum, for use with satin finishing machines.

- Long lifetime through high-density fill

**LW**

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

**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 × 100 × 19,00	A60/coarse	5700	1	305353	PK06	4011890080443
100 × 100 × 19,00	A80/medium	5700	1	305354	PK06	4011890080450
100 × 100 × 19,00	A150/fine	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
- Long lifetime through high-density fill

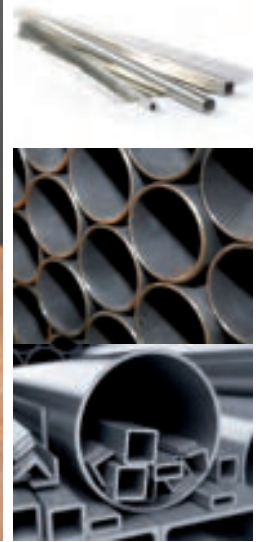
Use felt flap drums with the corresponding polishing paste.

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/H25	3700	1	305398	PK07	4011890080566



QUICK CHANGE DISCS



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



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

Material:

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



SVS QUICK HD

TOP LINE ●●●



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

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



SVS QUICK HD

					Product category	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

					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: X-support
Grain type: Ceramic grain

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

KFK QUICK

					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





KFZ QUICK

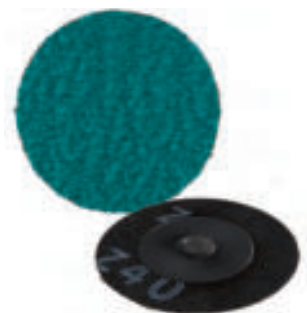


TOP LINE ●●●

Backing type: Ycloth
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 performance
- Abrasion-activated fillers for cool and quick grinding
- Quick tool change 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



KFS QUICK

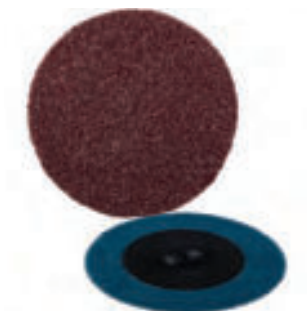


PRO LINE ●●●

Backing type: Xsupport
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	100	333043	PK06	4011890103081
51	40	25000	100	333044	PK06	4011890103098
51	50	25000	100	333045	PK06	4011890103104
51	60	25000	100	333046	PK06	4011890103111
51	80	25000	100	333047	PK06	4011890103128
51	100	25000	100	333048	PK06	4011890103135
51	120	25000	100	333049	PK06	4011890103142
76	24	20000	50	333050	PK06	4011890103159
76	36	20000	50	333051	PK06	4011890103166
76	40	20000	50	333052	PK06	4011890103173
76	50	20000	50	333053	PK06	4011890103180
76	60	20000	50	333054	PK06	4011890103197
76	80	20000	50	333055	PK06	4011890103203
76	100	20000	50	333056	PK06	4011890103210
76	120	20000	50	333057	PK06	4011890103227



VLS QUICK

PROLINE ●●●



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

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

VLS QUICK

					Product category	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

TOPLINE ●●●



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

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

VKS QUICK

					Product category	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



CONTENTS

Cutting

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Fine grinding/
polishing

Milling

Diamond tools

Occupational safety



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.



Backing pad

RH QUICK

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

**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: J-flex cloth, cotton, flexible and soft
 Grain type: Aluminium oxide
 Bond: Synthetic resin
 Coating type: Closed coating

SPBR

				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

Shape RWA 0B





Shape RWA OB

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



KERR

PROLINE



Backing type: E-paper
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

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



Shape RWA OA

KERR

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



KFPR

ALPHALINE ●○○



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

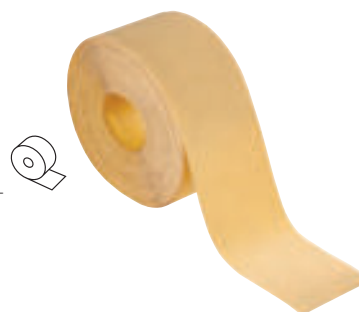
- Particularly suitable for paints and varnishes
- Half-open coating for non-aggressive grinding
- Good for wood finishing

Backing type: A/C-paper
 Grain type: Aluminium oxide
 Bond: Synthetic resin
 Coating type: 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 0A



CONTENTS

Cutting

Cleaning

Grinding

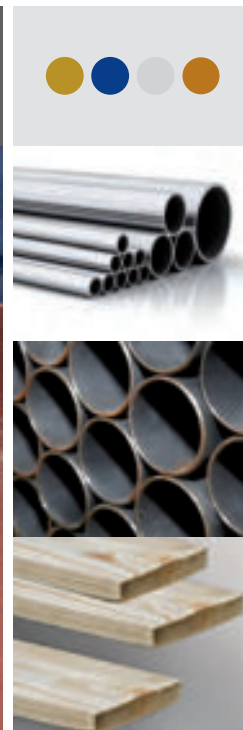
Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

ABRASIVE PAPERS



Ready-to-use abrasive sheets for manual grinding.

Material:

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



KKBR

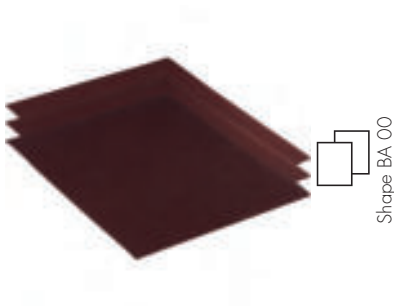
PROLINE ●●●○



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

Abrasive paper with especially flexible cloth backing.

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



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

Shape BA 00



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 type: Semi-open coated

KFPB

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

Shape BA 00



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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



KSF15 V

TOP LINE ●●●

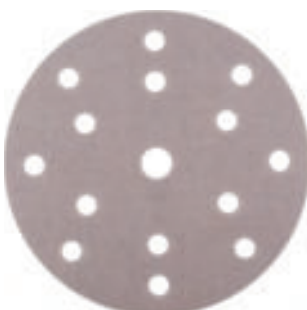
Backing type: Highly tear-resistant plastic foil
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Open coated

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 168



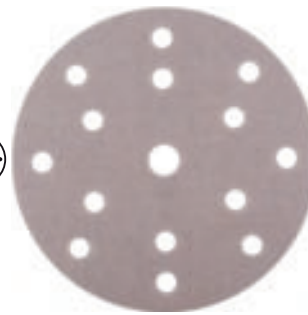
Shape CK 86 1

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

					Product category	GTIN/pc. EAN/pc.
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

Shape CK 861



SKP 15 V

ALPHALINE ●○○



Self-fastening disc suitable for dry sanding of paints, varnishes and fillers.

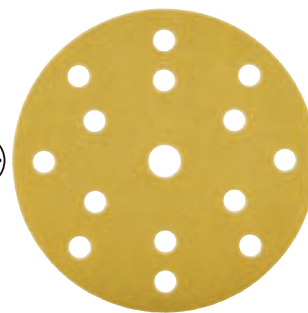
- Paper backing
- Open coated, with special stearate coating
- Ideal for dry sanding of body filler or paint removal

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

SKP 15 V

					Product category	EAN/pc. GTIN/pc.
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

Shape CK 861



SKP15 WHITE V

ALPHALINE ●○○



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

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

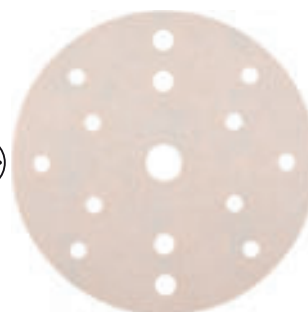
Backing type: C-paper
 Grain type: Aluminium oxide
 Bond: Synthetic resin / stearate
 Coating type: Open coated

 For matching backing pads, see page 168

SKP15 WHITE V

					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

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



RH15 V

				Product category	GTIN/pc. EAN/pc.
150	hard	1	307060	PK06	4011890099551
150	medium	1	307059	PK06	4011890099544
150	interface	2	307061	PK06	4011890099568



ZSKP V

TOP LINE ●●●



Backing type: F-paper
Grain type: Zirconium
Bond: Synthetic resin
Coating type: Closed coating

Self-fastening disc suitable for removing rust and paints. An ideal product for stock removal and burr removing – welding preparation, defect correction, structuring and finishing.

- Heavy F-paper backing with No-Tear technology
- Closed coated with synthetic resin bond for stability
- Fast, robust stock removal with long lifetime

 See page 168 for matching backing pads



ZSKP V

				Product category	EAN/pc. GTIN/pc.
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



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

Backing type: E-paper
Grain type: Aluminium oxide
Bond: Synthetic resin
Coating type: Closed coating

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

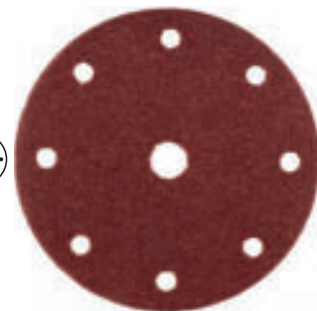
Shape CK 00



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

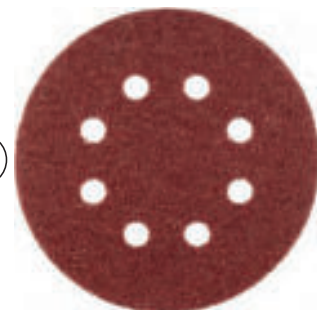
Shape CK 81



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

Shape CK 80





VLS V

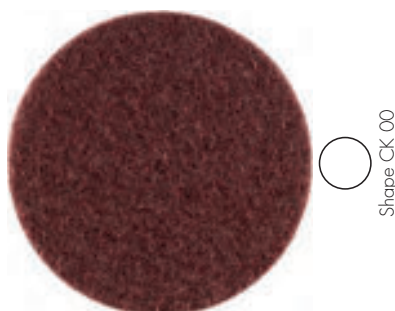
PROLINE ●●○



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

- Optimal grip on matching backing pad RH V through high-grade self fastening non-woven
- Open structure for less clogging
- Uniform surface finish

i 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	13285	10	305281	PK06	4011890081563
115		medium	13285	10	305282	PK06	4011890081570
115		very fine	13285	10	305283	PK06	4011890081587
125		coarse	12200	10	305284	PK06	4011890081594
125		medium	12200	10	305285	PK06	4011890081600
125		very fine	12200	10	305286	PK06	4011890081617

RH V

PROLINE ●●○



High-quality backing pad for self fastening discs.

- With specialised T-hook 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 x M14		13300	1	305426	PK06	4011890081624
125 x M14		12250	1	305427	PK06	4011890081631
150 x 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

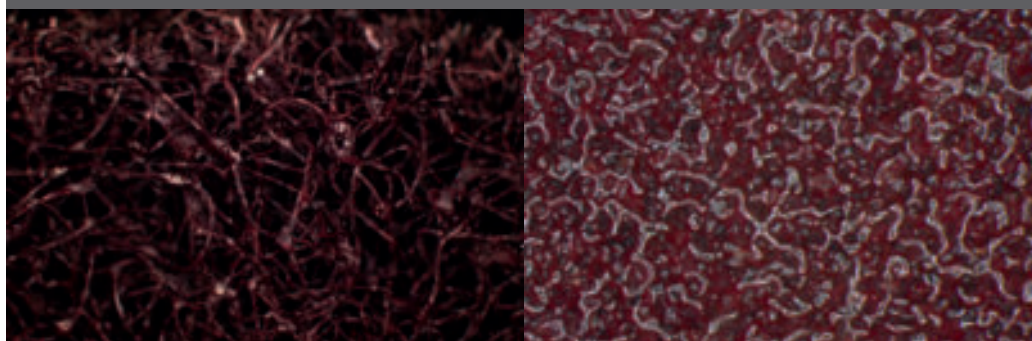


RHST V

						Product category	GTIN/pc. EAN/pc.
115 x M14		hard	13000	1	333641	PK06	4011890109069
125 x M14		hard	12000	1	333642	PK06	4011890109076
150 x M14		hard	10000	1	333643	PK06	4011890109083
150 x M14		medium	8500	1	333644	PK06	4011890109090
150 x M14		soft	5700	1	333646	PK06	4011890109113



FLEECE



Grit of non-woven abrasive	Comparable grit (FEPA)
Coarse	80 – 120
Medium	150 – 220
Fine	240 – 360
Very fine	400 – 600
Ultra fine	800 – 1.000

Material:

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

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

**VLSR****PROLINE**

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

Shape RMA OA





medium -
ultra fine

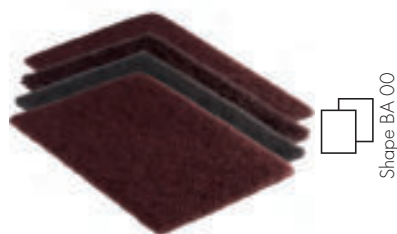
VLS PAD

PRO LINE ●●●○



Abrasive non-woven sheets with fine, flexible fibres for a good surface finish.

- Flexible for optimum adjustment to the workpiece
- Uniform surface finish



Shape BA 00

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

UNITISED DISCS

Degree of
hardness3 / 4
(medium)6 / 7
(hard)

Fields of application

- Creation of decorative surfaces
- Surface-levelling
- Preparation for polishing or coating
- Removal of surface defects

- Creation of decorative surfaces
- Surface-levelling
- Preparation for polishing or coating
- Removal of surface defects

Material:

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

Consisting of multi-layer, heavily compressed non-woven material. Compact pressure ensures good stock removal performance and a long lifetime.



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

**VKS KN****TOPLINE**

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

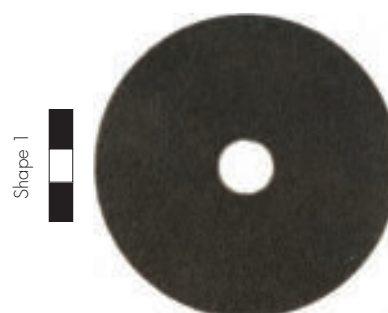
- Optimal in fillet welds
- Decorative surface finish
- Long lifetime



Optimum revolutions: 3,600–4,000 rpm

VKS KN

					Product category	GTIN/pc. EAN/pc.
115 x 3,2 x 22,23	6A-medium	11000	10	305943	PK07	4011890093702
115 x 3,2 x 22,23	3S-fine	11000	10	305944	PK07	4011890093726
115 x 6,4 x 22,23	6A-medium	11000	10	305945	PK07	4011890093740
115 x 6,4 x 22,23	3S-fine	11000	10	305946	PK07	4011890093764
125 x 3,2 x 22,23	6A-medium	9800	10	305947	PK07	4011890093788
125 x 3,2 x 22,23	3S-fine	9800	10	305948	PK07	4011890093801
125 x 6,4 x 22,23	6A-medium	9800	10	305949	PK07	4011890093825
125 x 6,4 x 22,23	3S-fine	9800	10	305950	PK07	4011890093849
150 x 3,2 x 25,40	6A-medium	7500	10	305972	PK07	4011890096772
150 x 3,2 x 25,40	3S-fine	5000	10	305973	PK07	4011890096789
150 x 6,4 x 25,40	6A-medium	7500	5	305974	PK07	4011890096796
150 x 6,4 x 25,40	3S-fine	5000	5	305975	PK07	4011890096802





VKSG WS

TOP LINE ●●●



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

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

 Optimum revolutions: 3,600–4,000 rpm



VKSG WS

					Product category	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 108 onwards. Compatible polishing pastes can be found on page 179.

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



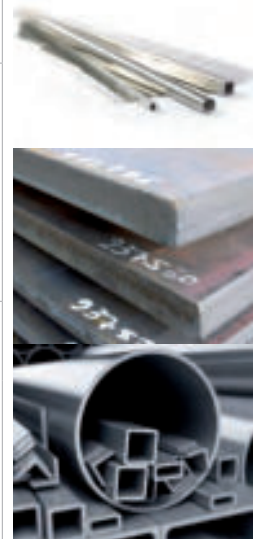
Angle grinder

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 prepolishing and high-gloss polishing.



Use a new felt polishing flap disc for each paste as well as
adjustable angle polishers with greatly reduced revolutions.

Material:

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



FLS

TOP LINE ●●●



Use the felt polishing flap disc with the corresponding polishing paste
for prepolishing 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 x 22,23		D5/H25	8500	2	305370	PK07	4011890080290
115 x 22,23		D5/H40	8500	2	305371	PK07	4011890080306
125 x 22,23		D5/H25	7700	2	305372	PK07	4011890080313
125 x 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
- FLPB with slotted flaps for optimal workpiece adaptation

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 10,0	coarse	4000	1	353069	PK07	4011890073551
100 x 10,0	medium	4000	1	353070	PK07	4011890073568
100 x 10,0	fine	4000	1	353071	PK07	4011890073575
100 x 10,0	Set	4000	1	353073	PK07	4011890073599



FW see page 155

CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

**POL****TOP**LINE ●●●

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 × 10,0	sisal	4000	1	353062	PK07	4011890073483
100 × 10,0	hard	4000	2	353063	PK07	4011890073490
100 × 10,0	soft	4000	2	353064	PK07	4011890073506
100 × 10,0	set	4000	1	353072	PK07	4011890073582
150 × 14,0	sisal	3000	1	353107	PK07	4011890075067
150 × 14,0	hard	3000	2	353108	PK07	4011890075074
150 × 14,0	soft	3000	2	353109	PK07	4011890075081
200 × 14,0	sisal	3000	1	353110	PK07	4011890075098
200 × 14,0	hard	3000	2	353111	PK07	4011890075104
200 × 14,0	soft	3000	2	353112	PK07	4011890075111

**ESD****TOP**LINE ●●●

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

POLIERPASTEN

**Material:**

- Rust and acid-proofed steels
- Steel
- Non-ferrous metals
- Painted sheet metal

Rhodium polishing pastes are perfectly matched to our felt products and cloth rings. The polishing pastes contain a powerful abrasive grain

PASTE**TOP LINE** ●●●

Polishing paste for finishing surfaces up to a mirror finish.
For matching discs, see page 176.

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



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

PASTE

Reference			Product category	GTIN/pc. EAN/pc.
Polishing paste, white	1	353066	PK07	4011890073520
Polishing paste, blue	1	353067	PK07	4011890073537
Polishing paste, brown	1	353068	PK07	4011890073544





If you often have to polish stainless steel, our professional tool set is just the product you need. It comes with a selection of perfectly-matched products for all stages in your work – from grinding to mirror-finish polishing. This specific selection of products will enable you to quickly and simply get the end result you want.

Reduced working revolutions mean that all polishing products in the professional tool set must be used on a 125 mm diameter angle polisher.



Clean the workpiece after every polishing stage with a soft damp cloth and a little washing-up liquid. Ensure that pre-polishing paste residues are removed from the workpiece before starting mirror finishing/final polishing work.



STAINLESS STEEL POLISHING

				Product category	GTIN/pc. EAN/pc.
	125	1	209540	PK07	4011890090725

Content:

3 × VISION COOL, 125 mm, K60 (207078)	1 × FLS, 125 mm, D5/H40 (305373)
3 × VSK VISION, 125 mm (209504)	1 × PASTE, white (353066)
1 × VKSS WS, 125 mm, 4S-very fine (305311)	1 × PASTE, blue (353067)
1 × FLS, 125 mm, D5/H25 (305372)	



ALUMINIUM RIMS POLISHING

Aluminium rims will sparkle like new after a professional polish. The professional tool set for polishing aluminium rims offers everything you'll need. For larger areas, use the products designed for use with the angle polisher. For more detailed work, additional tools are included with a 6 mm shank. The pastes have been specially formulated for aluminium.



Clean the rim after every polishing stage with a soft damp cloth and a little washing-up liquid. Ensure that pre-polishing paste residues are removed from the rim before starting high-gloss polishing work.

ALUMINIUM RIMS POLISHING

		Product category	GTIN/pc. EAN/pc.
1	209541	PK07	4011890090732

Content:

2 x VSK VISION, 125 mm (209504)	2 x VSK GS, 40 x 12 x 6, very fine (305292)
1 x VKSS WS, 125 mm, 4S-very fine (305311)	1 x FLPB, 40 x 30 x 6, H25 (305389)
1 x FLS, 125 mm, D5/H25 (305372)	1 x FLPB, 40 x 30 x 6, H40 (305390)
1 x FLS, 125 mm, D5/H40 (305373)	1 x PASTE, brown (353068)
1 x VSK, 40 x 30 x 6, fine (305319)	1 x PASTE, blue (353067)





MILLING

CONTENTS

CARBIDE BURRS



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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 consistently high quality of the tools. Our tungsten carbide burrs are distinguished by high concentricity and optimally coordinated cutting geometry, type of cut and number of cuts. For work results accurate to the dot.

Pin-point precision

As a rule of thumb, the following applies: the cut of the tungsten carbide burr should become finer as the working material grows harder.

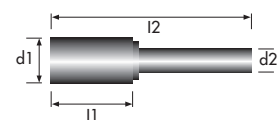
	Cut	Type of cut	Recommended application	Recommended working speed [m/min]	
	Z6	Double cut	For maximum material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450–600
				Alloy steels/tool steels	250–350
				Rust- and acid-proofed steels	250–350
				Cast iron	450–600
	Z3	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	Double cut	For high material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450–600
				Alloy steels/tool steels	250–350
				Rust- and acid-proofed steels	250–350
				Cast iron	450–600

The right revolutions

To achieve optimum working results and a long lifetime, the choice of the right speed is also a crucially important decision. If too low, the machine will run unevenly and cause chipping. As a result, the carbide burr will also wear down more quickly. Knocking and rattling will also significantly reduce a burr's lifetime. Ensure you always use chucks that keep the machine running true.

Carbide burr Ø (mm)	Recommended cutting speed					
	250	350	450	600	700	900
	Revolutions [min-1]					
3	27,000	37,000	48,000	64,000	74,000	95,000
4	20,000	28,000	36,000	48,000	56,000	72,000
6	13,000	19,000	24,000	32,000	37,000	48,000
8	10,000	14,000	18,000	24,000	28,000	36,000
10	8,000	11,000	14,000	19,000	22,000	29,000
12	7,000	9,000	12,000	16,000	19,000	24,000
16	5,000	7,000	9,000	12,000	14,000	18,000

DIMENSIONS (EXAMPLE)					
Rhodium name	Rhodium article no.	d1	l1	d2	l2
HF A	305000	3.0	14.0	3.0	38.0





HF A

TOPLINE ●●●

ZYA

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

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

HF A

				Product categorie	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

Shape A (ZYA)



ALPHA HF A

ALPHALINE ●●●

ZYA

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

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

ALPHA HF A

				Product categorie	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)



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

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

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



Shape B (ZYAS)

HF B

				Product categorie	GTIN/pc. EAN/pc.
3 x 14.0 x 3.0 x 38	Z 6	1	305010	PK09	4011890077542
6.3 x 12.7 x 3.0 x 45	Z 6	1	305011	PK09	4011890077559
6 x 18.0 x 6.0 x 50	Z 6	1	305013	PK09	4011890077573
6 x 18.0 x 6.0 x 50	Z 3	1	305667	PK09	4011890086926
8 x 19.0 x 6.0 x 64	Z 6	1	305014	PK09	4011890077580
8 x 19.0 x 6.0 x 64	Z 3	1	305668	PK09	4011890086933
9.6 x 19.0 x 6.0 x 64	Z ALU	1	305015	PK09	4011890077597
9.6 x 19.0 x 6.0 x 64	Z 6	1	305016	PK09	4011890077603
9.6 x 19.0 x 6.0 x 64	Z 3	1	305669	PK09	4011890086940
12.7 x 25.0 x 6.0 x 70	Z 6	1	305018	PK09	4011890077627
12.7 x 25.0 x 6.0 x 70	Z 3	1	305670	PK09	4011890086957
16 x 25.0 x 6.0 x 70	Z 6	1	305019	PK09	4011890077634

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

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



Shape B (ZYAS)

ALPHA HF B

				Product categorie	GTIN/pc. EAN/pc.
6 x 18.0 x 6.0 x 50	Z 7	1	304380	PK09	4011890109670
9.6 x 19.0 x 6.0 x 64	Z 7	1	304381	PK09	4011890109687
12.7 x 25.0 x 6.0 x 70	Z 7	1	304382	PK09	4011890109694



HF C

TOPLINE ●●●

WRC

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

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

HF C

				Product categorie	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)



ALPHA HF C

ALPHALINE ●●

WRC

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

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

ALPHA HF C

				Product categorie	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

Shape C (WRC)



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety



Carbide burr. shape D (KUD): ball.

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



Shape D (KUD)

HF D

				Product categorie	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



Carbide burr. shape D (KUD): ball.

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



Shape D (KUD)

ALPHA HF D

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



Carbide burr. shape E (TRE): oval.

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



Shape E (TRE)

HF E

				Product categorie	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



HF F

TOPLINE ●●●

RBF

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

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

HF F

				Product categorie	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)



ALPHA HF F

ALPHALINE ●○○

RBF

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

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

ALPHA HF F

				Product categorie	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

Shape F (RBF)



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety



Carbide burr, shape G (SPG): tree.

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



Shape G (SPG)

HF G

				Product categorie	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



Carbide burr, shape G (SPG): tree.

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



Shape F (RBF)

ALPHA HF G

				Product categorie	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



HF H

TOP LINE ●●●

FLF

Carbide burr. shape H (FLF): flame.

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

HF H

				Product categorie	GTIN/pc. EAN/pc.
6 x 14.0 x 6.0 x 50	Z 6	1	305066	PK09	4011890078105
8 x 19.0 x 6.0 x 64	Z 6	1	305067	PK09	4011890078112
9.6 x 19.0 x 6.0 x 64	Z 6	1	305068	PK09	4011890078129
9.6 x 19.0 x 6.0 x 64	Z 3	1	305711	PK09	4011890087367
12.7 x 32.0 x 6.0 x 77	Z 6	1	305069	PK09	4011890078136
12.7 x 32.0 x 6.0 x 77	Z 3	1	305712	PK09	4011890087374
16 x 36.0 x 6.0 x 81	Z 6	1	305070	PK09	4011890078143

Shape H (FLF)



ALPHA HF H

ALPHA LINE ●●

FLF

Carbide burr. shape H (FLF): flame.

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

ALPHA HF H

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

Shape H (FLF)





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

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



Shape J (KSJ)

HF J

				Product categorie	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



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

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



Shape K (KSK)

HF K

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



HF L

TOPLINE ●●●

KEL

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

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

HF L

				Product categorie	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

Shape L (KEL)



ALPHA HF L

ALPHALINE ●●●

KEL

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

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

ALPHA HF L

				Product categorie	GTIN/pc. EAN/pc.
12.7 × 32.0 × 6.0 × 77	Z 7	1	304398	PK09	4011890109854

Shape L (KEL)



CONTENTS

Cutting

Cleaning

Grinding

Fine grinding/
polishing

Milling

Diamond tools

Occupational safety

Carbide burr, shape M (SKM): cone.

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



Shape M (SKM)

HF M

				Product categorie	GTIN/pc. EAN/pc.
3 x 11.0 x 3.0 x 38	Z 6	1	305090	PK09	4011890078341
6.3 x 12.7 x 3.0 x 49	Z 6	1	305091	PK09	4011890078358
6 x 20.0 x 6.0 x 50	Z 6	1	305092	PK09	4011890078365
6 x 20.0 x 6.0 x 50	Z 3	1	305732	PK09	4011890087572
9.6 x 16.0 x 6.0 x 64	Z 6	1	305093	PK09	4011890078372
9.6 x 16.0 x 6.0 x 64	Z 3	1	305733	PK09	4011890087589
12.7 x 22.0 x 6.0 x 71	Z 6	1	305094	PK09	4011890078389
12.7 x 22.0 x 6.0 x 71	Z 3	1	305734	PK09	4011890087596
16 x 25.0 x 6.0 x 71	Z 3	1	305735	PK09	4011890087602

Carbide burr, shape M (SKM): cone.

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



Shape M (SKM)

ALPHA HF M

				Product categorie	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 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

			Product categorie	GTIN/pc. EAN/pc.
			PK09	4011890092187
Z 6	3	305859		

Content:

Set includes one each:
HF C (305026)

HF D (305037)

HF F (305054)

head diameter 9.6 mm, cut Z 6



HF SET 5

			Product categorie	GTIN/pc. EAN/pc.
			PK09	4011890092200
Z 6	5	305860		

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

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

			Product categorie	GTIN/pc. EAN/pc.
			PK09	4011890082508
Z 6	10	305484		

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

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WALL CHASING MACHINES



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DIAMOND CUTTING DISCS



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DIAMOND CUP WHEELS



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CORE DRILLS/ TILE DRILLS



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HIGHLIGHTS



LD404 ALL IN ONE

- Easy milling in a single operation
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LD300

- High-performance cutting disc suitable for a huge range of applications
Page 204

SPECIAL TECHNOLOGIES



More information
on page 240



More information
on page 244



More information
on page 246



RH403S

- Up to 50% faster
wall chasing work
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YOUR FASTEST WAY TO THE RIGHT PRODUCT

CHASING/CUTTING

		Chasing	Cutting																		
		Reference	Page	Ø mm	Quality reference	Lifetime/ cutting ability	Material														
Explanation of symbols Concrete All-round Asphalt Natural stone Tiles/ceramics 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		LD402 / LD404	202	125 – 150	TOP LINE ●●●	●●●●●	Machine suitability														
		LD300	204	115 – 230	TOP LINE ●●●	●●●●●															
		LD200 SPEED	205	450 – 600	TOP LINE ●●●	●●●●●															
		LD45	206	300 – 400	TOP LINE ●●●	●●●●●															
		LD40	206	115 – 400	PRO LINE ●●○	●●●●●															
		LD50	207	115 – 350	ALPHA LINE ●●○	●●●●●															
		DG70	207	115 – 230	ALPHA LINE ●●○	●●●●●															
		DG210 ALLCUT	208	115 – 500	TOP LINE ●●●	●●●●●															
		ID70	209	300 – 500	TOP LINE ●●●	●●●●●															
		ID60	210	300 – 500	PRO LINE ●●○	●●●●●															
		LD410 SPEED	211	115 – 400	TOP LINE ●●●	●●●●●															
		LD4	212	115 – 230	PRO LINE ●●○	●●●●●															
		DG35	212	115 – 230	PRO LINE ●●○	●●●●●															
		DG55	213	115 – 230	ALPHA LINE ●●○	●●●●●															
		DG10	214	115 – 350	TOP LINE ●●●	●●●●●															
		DG15	215	115 – 125	TOP LINE ●●●	●●●●●															
		ID1	215	115 – 230	TOP LINE ●●●	●●●●●															
		DG45	216	115 – 125	PRO LINE ●●○	●●●●●															
		DG25	216	115 – 230	PRO LINE ●●○	●●●●●															
		DG50	217	115 – 230	ALPHA LINE ●●○	●●●●●															
very hard	Reinforcing steel/light structural steel					●															
	Porcelain					○															
	Granite					○															
	Hard concrete with aggregates	○		●	●	○															
	Glazed clay pipes/cast pipes					○															
	Ceramic/porcelain tiles					○															
	Glazed tiles					○															
	High-fired tiles					○															
	Marble					○															
	Hard paving stones		○	●	●	○															
	Clay roof tiles					○															
	Hard bricks	●	●		●	○															
	Reinforced concrete/steel concrete		●	●	●	○															
	Concrete/paving bricks	●	●		●	○															
	Hard stone/paving slabs		●	●	●	○															
	Concrete pipes/kerbstones		●		●	○															
	Medium-hard bricks	●	●		●	○															
	Slate		○		○	○															
	Sand-lime brick (hard)	○	●		○	○															
	Concrete bricks (hard)	●	●		○	○															
	Concrete blocks	●	●		○	○															
	Concrete roof tiles		○		○	○															
	Sandstone	○	●		○	○															
	Hollow concrete blocks	●	●		○	○															
very abrasive	Asphalt		●			○															
	Green concrete		●			○															
	Concrete bricks (soft)		●	○	○	○															
	Plastics and composites					○															
	X-Lock		●																		

YOUR FASTEST WAY TO THE RIGHT PRODUCT

GRINDING/DRILLING

		Explanation of symbols	Cup wheels					Core drills		Tile drills		
			Reference	DS1	DS2	DS10	DS40	DS41	CD10	CD15	CD30	CD40
			Page	Ø mm	Quality reference	Lifetime/ cutting ability	Machine suitability	Material				
very hard	A	Concrete Tiles/ceramics ●●●●●○ 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	218	115–180				Porcelain				
			219	150				Granite				
			219	100–180				Hard concrete with aggregates				
			220	100–125				Ceramic/porcelain tiles				
			220	100–180				Glazed tiles				
			221	68–82				High-fired tiles				
medium	B		222	68–82				Marble				
			223	6–70				Hard bricks				
			223	6–14				Reinforced concrete/steel concrete				
								Concrete/paving bricks				
								Medium-hard bricks				
								Sand-lime brick (hard)				
very abrasive	C							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:

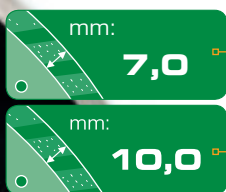
Laser welding

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. 198–199 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.

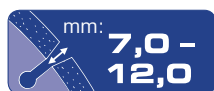
Find out how correct handling can increase the performance of your diamond cutting disc.

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

NEW!



LD402 / LD404 ALL IN ONE

TOP LINE ●●●



80
m/s

- Lifetime
- Cutting ability



The ALL IN ONE enables quick and operator-friendly chasing of wall slots in a wide variety of materials. Thanks to the ingenious system, using segments arranged in a criss-cross formation, precise wall chasing is now possible, whereby all of the material is removed cleanly from the groove. No time-consuming chiselling out of the middle channel is required. The high-performance, laser-welded ALL IN ONE disc system cuts aggressively and features a long lifetime.

- 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 30 mm)

Material:

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

Typical applications:

- Easy chasing of wall grooves in a single operation



LD402 ALL IN ONE



2x milling unit

	⊕	⊖	⊞	⊠	Product category	GTIN/pc. EAN/pc.
	125 x 7.0 x 18.0 x 22.23	12250	1	303670	PK10	4011890083260
	150 x 7.0 x 18.0 x 22.23	10200	1	303671	PK10	4011890083277

LD404 ALL IN ONE XTENDED



4x milling unit

	⊕	⊖	⊞	⊠	Product category	GTIN/pc. EAN/pc.
	125 x 12.0 x 28.5 x 22.23	12.250	1	353301	PK10	4011890125281
	150 x 12.0 x 28.5 x 22.23	10.185	1	353315	PK10	4011890126271



LD402/LD404 ALL IN ONE IN ACTION:

Watch video now on our
Youtube channel.
[https://www.youtube.com/
rhodiumabrasives1952](https://www.youtube.com/rhodiumabrasives1952)



Quick assembly, thanks to fixed dual-/four-
fold disc systems.
Dual-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 LD402 with a width of 18 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 2,300 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: 2,300 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 ALL IN ONE (for 20/25 mm ductwork)
 2 x spacers 11 mm for LD404
 2 x spacers 17 mm for LD402
 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://www.youtube.com/rhodiabrasives1952>

HIGH-PERFORMANCE CUTTING DISC SUITABLE FOR A HUGE RANGE OF APPLICATIONS

NEW!



LD300

TOP LINE ●●●



≤ 230 mm **80** m/s

- Lifetime
- Cutting ability

The LD300 offers maximum performance and an optimised lifetime for a very broad range of applications ranging from medium-hard to hard materials. This product has been specially developed for angle grinder use. The 12 mm segments feature a special design that ensures the rapid transport of the cutting particles away from the disc and therefore an optimised disc lifetime. The LD300 not only offers an impressively fast cutting speed but also has an optimised lifetime. Laser-welded. Suitable for wet and dry cutting.

- 12 mm segment height for an even longer lifetime
- High-performance cutting disc suitable for many kinds of applications
- Specially-shaped turbo segments increase cutting speed while optimising transport of cutting particles Wet and dry cut
- Laser-welded



Material:

- Concrete
- Reinforced concrete
- Green concrete
- Sand-lime bricks
- Masonry/brick

Typical applications:

- Extremely wide range of applications
- Abrasive to hard materials

LD300

					Product category	GTIN/pc. EAN/pc.
	⊕	1/min	📦	💻		
🔪	115 x 12.0 x 2.4 x 22.23	13285	1	304461	PK10	4011890122990
🔪	125 x 12.0 x 2.4 x 22.23	12200	1	304462	PK10	4011890123003
🔪	150 x 12.0 x 2.4 x 22.23	10185	1	304463	PK10	4011890123010
🔪	180 x 12.0 x 2.4 x 22.23	8500	1	304464	PK10	4011890123027
🔪	230 x 12.0 x 2.4 x 22.23	6650	1	304465	PK10	4011890123034

LD300 X-LOCK

					Product category	GTIN/pc. EAN/pc.
	⊕	1/min	📦	💻		
🔪	115 x 12,0 x 2,4 x 22,23	13.285	1	353287	PK10	4011890124536
🔪	125 x 12,0 x 2,4 x 22,23	12.250	1	353288	PK10	4011890124543





DIAMOND CUTTING DISCS / UNIVERSAL, CONCRETE

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	LD300	LD200 SPEED	LD45	LD40	LD50	DG70
		Ø mm	115-230	450-600	300-400	115-400	115-350	115-230
		Quality reference	TOP LINE ●●●	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●●	ALPHA LINE ●●●	ALPHA LINE ●●●
		Lifetime/cutting ability	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●
		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		○		○	○	○	
very abrasive	Sand-lime brick (hard)/Concrete bricks (hard)		●		○	○	○	
	Concrete blocks		○		○	○	○	
	Concrete roof tiles		○		○	○	○	
	Sandstone		●		○	○	○	
	Hollow concrete blocks		●		○	○	○	
	Green concrete		●			○		
	Concrete bricks (soft)		●	○	○	○		



≥ 450 mm

63 m/s



LD200 SPEED

TOP LINE ●●●



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

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

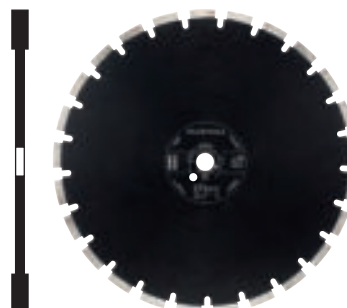
- 13 mm segment height
- For light floor saws
- Special steel core with cooling openings
- More comfortable cutting due to less vibrations
- Wet and dry cutting
- Laser-welded

LD200 SPEED

	⊕	mm	1	303734	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.

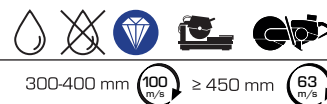
straight





LD45

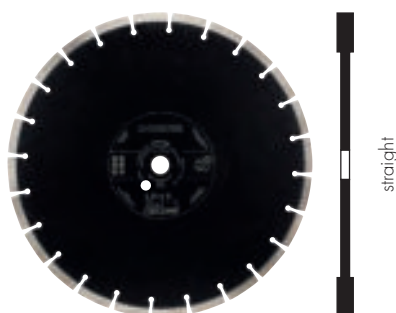
TOP LINE ●●●



- Lifetime
- Cutting ability

The LD45 is specifically developed for use on table saws and petrol-driven 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. Laser-welded. Suitable for wet and dry cutting.

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



LD45

					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 × 20.00	4800	1	303835	PK10	4011890095171
	400 × 11.0 × 3.2 × 25.40 *	4800	1	303833	PK10	4011890095027

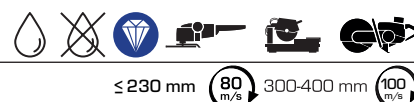
*Reducer ring to hole diameters of 20.00 mm included in each packing unit

Larger diameters are available on request.



LD40

PRO LINE ●●●○



- Lifetime
- Cutting ability

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.

XLOCK

- 12 mm high segments
- Usable for a wide range of materials
- High cutting speed
- Wet and dry cutting
- Laser-welded



LD40

					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 diameters of 20.00 mm included in each packing unit

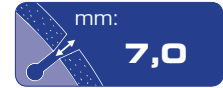
LD40

					Product category	GTIN/pc. EAN/pc.
	115 × 12,0 × 2,2 × 22,23	13.300	1	353285	PK10	4011890124512
	125 × 12,0 × 2,2 × 22,23	12.250	1	353286	PK10	4011890124529



LD50

ALPHALINE ●○○



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

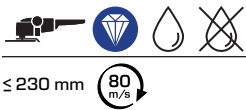
The LD50 is the high-performance tool for the cost-conscious user. It achieves good cutting times in concrete, while also offering a good lifetime. Laser-welded. Suitable for wet and dry cutting.

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

LD50

	⊕	1/min	📦	💻	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

*Reducer ring to hole diameters of 20.00 mm included in each packing unit



DG70

ALPHALINE ●○○



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

	⊕	1/min	📦	💻	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



DIAMOND CUTTING DISC / ALLCUT

Explanation of symbols

●●●●●○ Points system

Lifetime

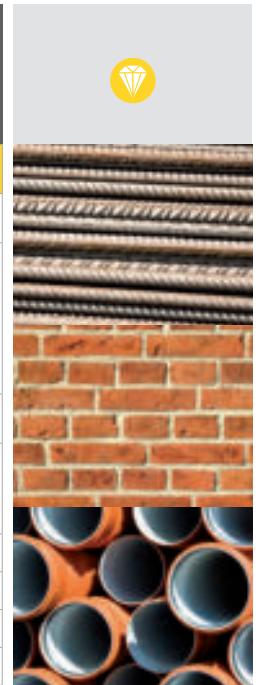
The lifetime indicates the maximum working life for the tool.

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	TOP LINE ●●●
		Lifetime/cutting ability	●●●●●○
Material		Machine suitability	
	Reinforcing steel/light structural steel		●
	Universal materials		◐
	Reinforced concrete/Building materials		◐
	Plastics and composites		◐



DG210 ALLCUT

TOP LINE ●●●



≤ 230 mm (80 m/s) 300-400 mm (100 m/s) ≥ 450 mm (63 m/s)

●●●●●○ 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



straight

DG210 ALLCUT

	⊕	U/min	Box	PC	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 diameters 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
		Ø mm	300–500	300–500
		Quality reference		
		Lifetime/ cutting ability	●●●●●○ ●●●●●○	●●●●●○ ●●●●●○
		Machine suit- ability		
Material				
	Asphalt		●	●
	Green concrete		○	



LD70

TOP LINE ●●●



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. Laser-welded. Suitable for wet and dry cutting.

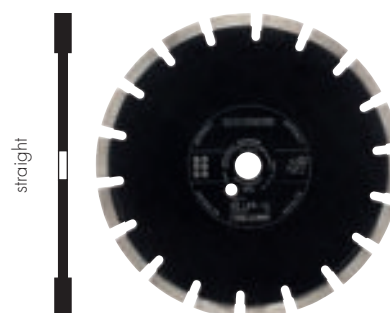
- 13 mm segment height
- Wear protection segments work to prevent under-cutting of the steel core
- Forged segments
- Wet and dry cutting
- Laser-welded

LD70

	⊕	U/min	Box	Computer	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 ring to hole diameters of 20.00 mm included in each packing unit

Larger diameters are available on request.





LD60

PRO LINE ●●○

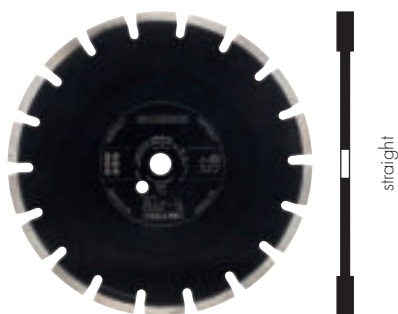


300-400 mm $\frac{100}{m/s}$ ≥ 450 mm $\frac{63}{m/s}$

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

The LD60 is equipped with 11 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. Laser-welded. Suitable for wet and dry cutting.

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



LD60

						Product category	GTIN/pc. EAN/pc.
	300 x 11.0 x 2.8 x 20.00		6400	1	303746	PK10	4011890085219
	300 x 11.0 x 2.8 x 25.40 *		6400	1	303494	PK10	4011890072394
	350 x 11.0 x 3.0 x 20.00		5500	1	303747	PK10	4011890085226
	350 x 11.0 x 3.0 x 25.40 *		5500	1	303496	PK10	4011890072417
	400 x 11.0 x 3.2 x 20.00		4800	1	303748	PK10	4011890085233
	400 x 11.0 x 3.2 x 25.40 *		4800	1	303497	PK10	4011890072424
	450 x 11.0 x 3.6 x 25.40		2700	1	303498	PK10	4011890072431
	500 x 11.0 x 3.6 x 25.40		2450	1	303499	PK10	4011890072448

*Reducer ring to hole diameters of 22.23 mm and 20.00 mm included in each packing unit

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
		Ø mm	115-400	115-230	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		●	○	●	○



≤ 230 mm 300-400 mm



LD410 SPEED

TOP LINE ●●●



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. Laserwelded. 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
- Laserwelded

LD410 SPEED

	⊕	U/min	Box	PC	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

straight



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



LD4

PRO LINE ●●●○



80
m/s

●●●●○○ 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. At the same time, it is characterised by a particularly long lifetime. 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



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



DG35

PRO LINE ●●●○



80
m/s

●●●●○○ 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.

XLOCK

- 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



DG35

	⊕	U/min	📦	💻	Product category	GTIN/pc. EAN/pc.
🔪	115 x 7.5 x 2.0 x 22.23	13300	1	302236	PK10	4011890050378
🔪	125 x 7.5 x 2.0 x 22.23	12250	1	302239	PK10	4011890050385
🔪	180 x 7.5 x 2.5 x 22.23	8500	1	302242	PK10	4011890050392
🔪	230 x 7.5 x 2.5 x 22.23	6650	1	302245	PK10	4011890050408

NEW!



DG35 X-LOCK

	⊕	U/min	📦	💻	Product category	GTIN/pc. EAN/pc.
🔪	115 x 10,0 x 2,1 x 22,23	13300	1	353294	PK10	4011890125229
🔪	125 x 10,0 x 2,1 x 22,23	12250	1	353295	PK10	4011890125236



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

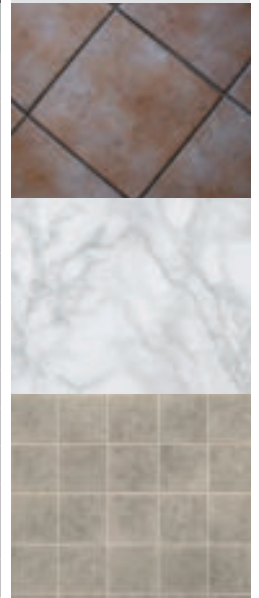
DG55

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



DIAMOND CUTTING DISCS / TILES, CERAMICS

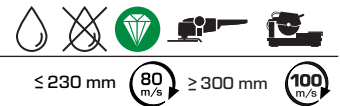
Explanation of symbols		Reference	DG10	DG15	LD1	DG45	DG25	DG50
●●●●●○ Points system		Ø mm	115-350	115-125	115-230	115-125	115-230	105-250
Lifetime The lifetime indicates the maximum working life for the tool. Cutting ability The cutting ability provides information about the cutting speed of the tool.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



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. Its continuous turbo rim is an impressive feature. 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



DG10

	⊕	Ø/mm	📦	💻	Product category	GTIN/pc. EAN/pc.
✗	115 × 10.0 × 1.4 × 22.23	13300	1	303606	PK10	4011890082256
✗	125 × 10.0 × 1.4 × 22.23	12250	1	303754	PK10	4011890087695
✗	230 × 10.0 × 2.0 × 22.23	6650	1	303607	PK10	4011890082263
✗	300 × 10.0 × 2.0 × 25.40	6400	1	303608	PK10	4011890082270
✗	350 × 10.0 × 2.0 × 25.40*	5500	1	303609	PK10	4011890082287

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



XLOCK

DG15

TOP LINE



Lifetime ●●●●○
Cutting ability ●●●●●

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.

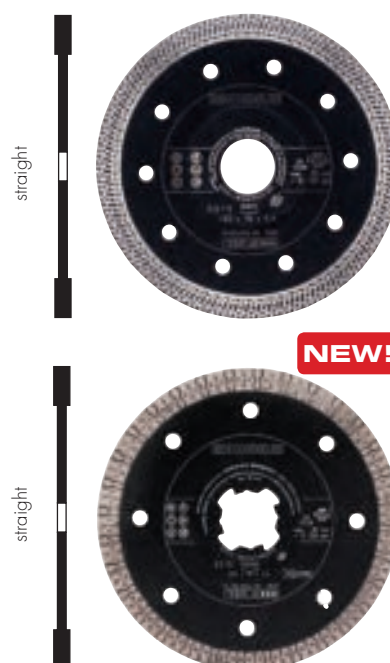
- 10 mm high segments
- Low dust generation
- Optimised diamond bond for hard tiles, ceramics and fine stoneware
- Reinforced steel core ensures a precise cut and a clean cutting edge
- 1.4 mm segment width for a high cutting speed
- Wet and dry cutting

DG15

					Product category	GTIN/pc. EAN/pc.
	115 x 10.0 x 1.4 x 22.23	13300	1	303900	PK10	4011890097670
	125 x 10.0 x 1.4 x 22.23	12250	1	303870	PK10	4011890095638

DG15 X-LOCK

					Product category	GTIN/pc. EAN/pc.
	115 x 10,0 x 1,4 x 22,23		1	353281	PK10	4011890124345
	125 x 10,0 x 1,4 x 22,23		1	353282	PK10	4011890124352



NEW!



LD1

TOP LINE



Lifetime ●●●●○
Cutting ability ●●●●●

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 x 5,0 x 1,2 x 22,23	13300	1	303101	PK10	4011890055342
	125 x 5,0 x 1,2 x 22,23	12250	1	303102	PK10	4011890055359
	180 x 5,0 x 1,4 x 22,23	8500	1	303103	PK10	4011890055366
	230 x 5,0 x 1,9 x 22,23	6650	1	303104	PK10	4011890055373



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DG45

PRO LINE ●●○

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

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



80
m/s



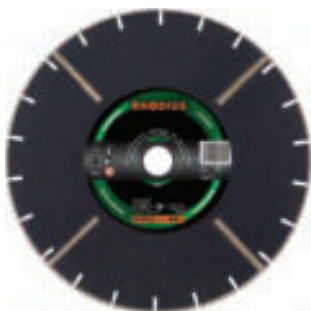
DG25

PRO LINE ●●○

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

The DG25 is a 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



80
m/s



DG50

ALPHALINE ●○○○



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



XLOCK

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

					Product category	GTIN/pc. EAN/pc.
	105 x 7.0 x 1.6 x 22.23	15300	1	304466	PK10	4011890123041
	115 x 7.0 x 1.6 x 22.23	13300	1	303053	PK10	4011890054062
	125 x 7.0 x 1.6 x 22.23	12250	1	303054	PK10	4011890054079
	150 x 7.0 x 1.6 x 22.23	10200	1	303197	PK10	4011890059388
	180 x 7.0 x 1.9 x 22.23	8500	1	303055	PK10	4011890054086
	180 x 7.0 x 1.9 x 25.40	8500	1	303056	PK10	4011890054093
	180 x 7.0 x 1.9 x 30.00 *	8500	1	303710	PK10	4011890084571
	200 x 7.0 x 1.9 x 30.00 *	7650	1	303711	PK10	4011890084588
	230 x 7.0 x 1.9 x 22.23	6650	1	303057	PK10	4011890054109
	230 x 7.0 x 1.9 x 25.40	6650	1	303058	PK10	4011890054116
	250 x 7.0 x 1.9 x 25.40	6150	1	304467	PK10	4011890123058

*Reducer ring to hole diameters of 25.40 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

					Product category	GTIN/pc. EAN/pc.
	115 x 7,0 x 1,6 x 22,23	13.300	1	353283	PK10	4011890124499
	125 x 7,0 x 1,6 x 22,23	12.250	1	353284	PK10	4011890124505

straight

straight



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DIAMOND CUP WHEELS / ANGLE GRINDERS



Explanation of symbols		Reference	DS1	DS2	DS10	DS40	DS41
●●●●●○ Points system		Page	208	209	209	210	210
Lifetime The lifetime indicates the maximum working life for the tool.		Ø mm	115–180	150	100–180	100–125	100–180
Cutting ability The cutting ability provides information about the cutting speed of the tool.		Quality reference	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●●	ALPHA LINE ●●●	ALPHA LINE ●●●
● = especially suitable ○ = suitable ○ = less suitable		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

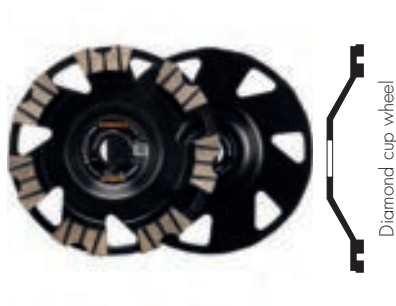
●●●●●○ Lifetime
●●●●●● Stock removal

High-performance diamond cup wheel with forged segments featuring high concentration of diamonds.

- Maximum stock removal performance
- Ideal for levelling formwork joints



Also suitable for Hilti machines



DS1

	⊕	W/min	Box	PC	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



DS2

TOP LINE ●●●



Lifetime ●●●●○
Stock removal ●●●●●

Diamond cup wheel for work on building materials.

- High stock removal performance
- Good dust removal

 Special adapter for Hilti machines

					Product category	GTIN/pc. EAN/pc.
	150 × 5,0 × 8,0 × 19,00	10200	1	303765	PK10	4011890089989

DS2



Diamond cup wheel



DS10

PRO LINE ●●●○



Lifetime ●●●●○
Stock removal ●●●●●

Twin-row diamond cup wheel. Ideal for levelling formwork joints.

- High concentration of diamonds
- Long lifetime
- Aggressive grinding

					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

DS10



Diamond cup wheel



DS40

ALPHA LINE ●○○



80
m/s

●●●●○○ Lifetime
●●●●○○ Stock removal

Twin-row diamond cup wheel for the cost-conscious professional.

- Good dust removal
- Good stock removal



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

ALPHA LINE ●○○



80
m/s

●●●●○○ Lifetime
●●●●○○ Stock removal

Diamond cup wheel with a special segment shape for abrasive materials.

- 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.

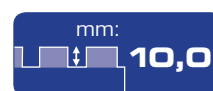
- = especially suitable
- ◐ = suitable
- = less suitable

		Reference	CD10	CD15	CD30	CD40
		Page	211	212	213	213
		Ø mm	68–82	68–82	6–70	6–14
		Quality reference				
		Lifetime/ cutting ability	●●●●●○ ●●●●●○	●●●●●○ ●●●●●○	●●●●●○ ●●●●●○	●●●●●○ ●●●●●○
Material		Machine suit- ability				
	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 ●●●○



Lifetime ●●●●●○
Stock removal ●●●●●○

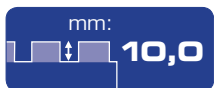
Core drill for concrete and high-density limestone.

- Can be used with fitting accessories CDS
- Extremely long service life
- High cutting speed

CD10

	⊕	U/min	📄	🖨️	Product category	GTIN/pc. EAN/pc.
	68 × 10.0 × 3.5 × M16	2500	1	303419	PK10	4011890071908
	82 × 10.0 × 3.5 × M16	2000	1	303420	PK10	4011890071915





CD15

PRO LINE ●●●○



- Lifetime
●●●●●○ Stock removal

Special socket drillers with back holes for controlled dust extraction in occupied rooms. Very good cooling of the segments and significant wear reduction due to immediate disposal of waste material. The diamond core drill runs more smoothly and does not jam thanks to less friction at the outer wall. Significantly reduced dust development.

- Universal application in old and new constructions
- Particularly suitable for indoor applications
- Matching extraction 304018



CD15

				Product category	GTIN/pc. EAN/pc.
	68 x 10,0 x 3,5 x M16	1	304028	PK10	4011890111185
	82 x 10,0 x 3,5 x M16	1	304016	PK10	4011890110430
	115 x 0,8 x 22,23	1	304018	PK10	4011890110423



CDS

PRO LINE ●●●○



Matching accessory for CD10 / CD20 core drill.

- 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

PROLINE ●●○



Lifetime ●●●●○
Stock removal ●●●●○

Tile drill bit for use on angle grinders with an M14 thread.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

CD30

	⊕	1/min	Box	PC	Product category	GTIN/pc. EAN/pc.
	6 x 35 x 15.0 x 3 x M14	11000	1	303842	PK10	4011890095256
	8 x 35 x 15.0 x 3 x M14	11000	1	303843	PK10	4011890095263
	10 x 35 x 15.0 x 3 x M14	11000	1	303844	PK10	4011890095270
	12 x 35 x 15.0 x 3 x M14	11000	1	303845	PK10	4011890095287
	14 x 35 x 15.0 x 3 x M14	11000	1	303846	PK10	4011890095294
	16 x 35 x 15.0 x 3 x M14	11000	1	303847	PK10	4011890095300
	25 x 45 x 15.0 x 3 x M14	11000	1	303848	PK10	4011890095317
	32 x 45 x 15.0 x 3 x M14	11000	1	303849	PK10	4011890095324
	38 x 45 x 15.0 x 3 x M14	11000	1	303850	PK10	4011890095331
	58 x 35 x 15.0 x 3 x M14	11000	1	303851	PK10	4011890095348
	65 x 35 x 15.0 x 3 x M14	11000	1	303852	PK10	4011890095355
	4-piece set (6, 8, 10, 14 mm)	11000	1	303854	PK10	4011890095379



CD40

PROLINE ●●○



Lifetime ●●●●○
Stock removal ●●●●○

Tile drill bit for use on drills with a 1/4" bit adapter.

- Cool cut through internal cooling wax
- Excellent service life
- High cutting speed

CD40

	⊕	1/min	Box	PC	Product category	GTIN/pc. EAN/pc.
	6 x 6-point - 1/4" bit adapter	3000	1	303855	PK10	4011890095508
	8 x 6-point - 1/4" bit adapter	3000	1	303856	PK10	4011890095515
	10 x 6-point - 1/4" bit adapter	3000	1	303857	PK10	4011890095522
	12 x 6-point - 1/4" bit adapter	3000	1	303858	PK10	4011890095539
	14 x 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 226

EAR PROTECTION 226

LEATHER GLOVES 227

RESPIRATORY PROTECTION 227

SE10

With a panoramic lens for safe working. Stylish! Practical! Comfortable! Lightweight! Safety goggles must be worn at all times during cutting and grinding work. The panoramic lens of the SE10 permits an unrestricted, wide-angle view. Adjustable side clips guarantee an individual fit and the featherweight, one-part non-woven frame combines maximum wearer comfort with fashionable styling. The goggles also offer 99.9% protection against UV radiation. These quality safety goggles are safety tested and bear the EN 166F 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

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



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



RHODIUS

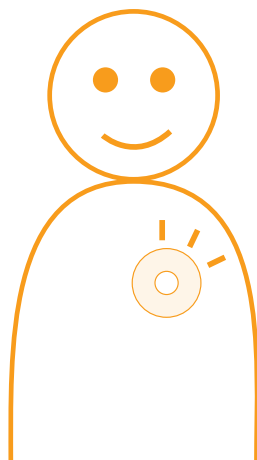
WHAT'S INSIDE OUR COMPANY

Every day, we simplify the work of professionals.

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

FACTS AND FIGURES

- Part of the Group
Gebrüder RHODIUS GmbH & Co. KG
- Formation: 1952
- Head office: Burgbrohl, Germany
- Employees: 383, from 29 countries
- Annual revenue: EUR 65 million
- Export ratio: 70%, to over 100 countries



383

EMPLOYEES

from 29 countries



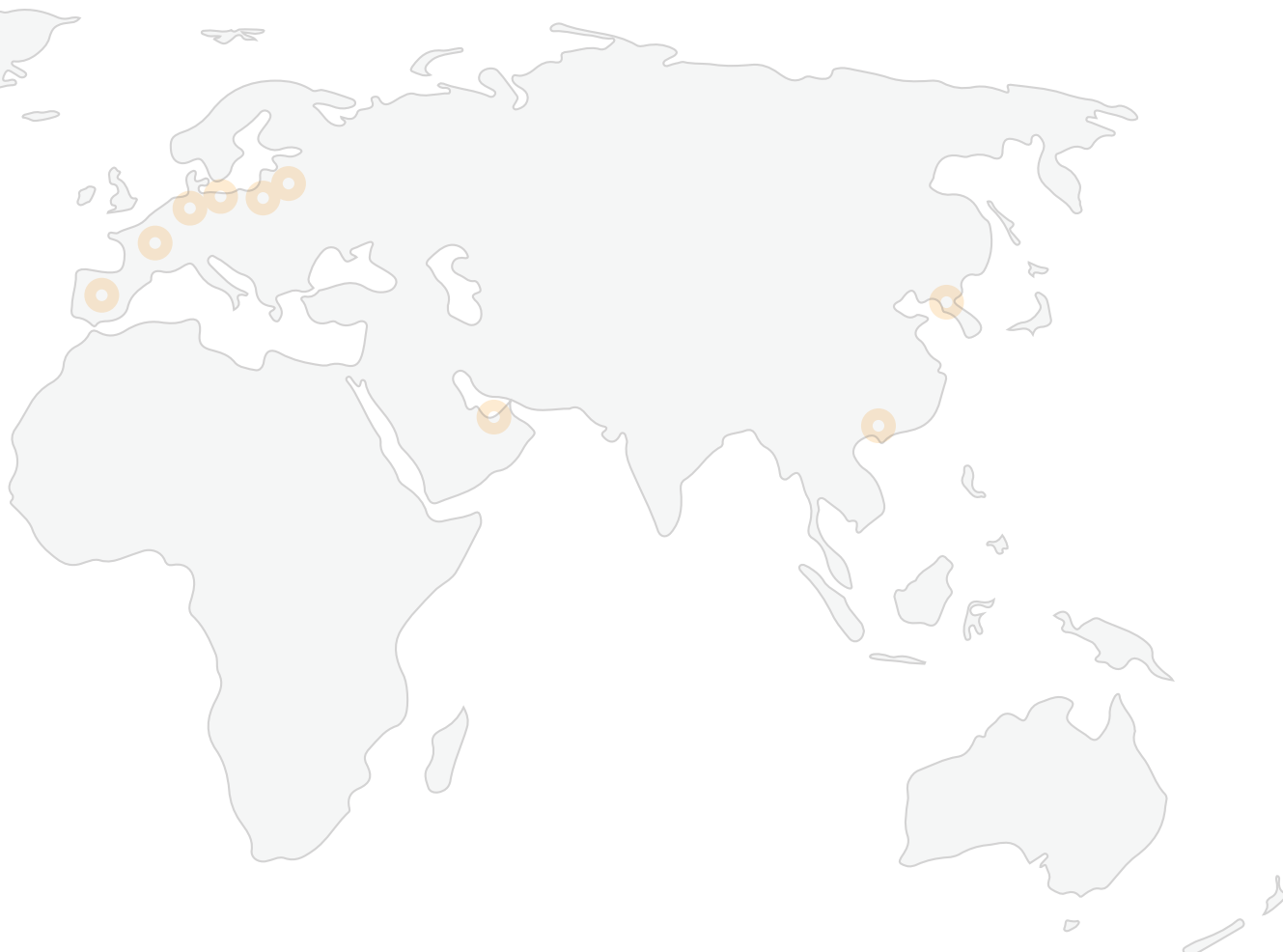
12

SALES AND MARKETING COMPANIES

throughout the world



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





TECHNICAL SUPPORT

from our in-house Application Engineers



KNOW-HOW TRANSFER

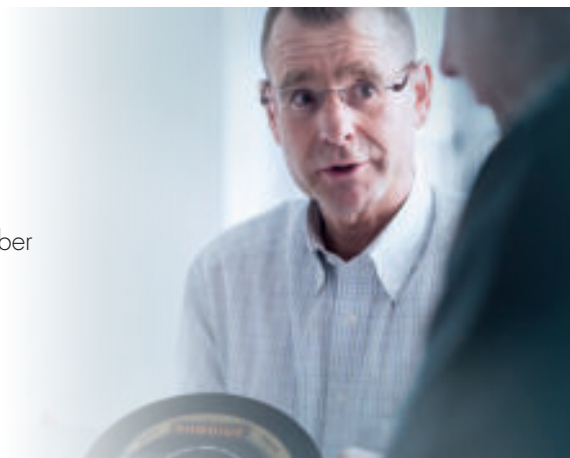
with regular training courses

Person to person

HUMAN

HIGHEST SAFETY STANDARDS

with certified quality as an OSA member





CONTINUOUS INNOVATION

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



RELIABLE LOGISTICS

thanks to intelligently networked sales offices

MAT^{human}AN



SATISFACTION GUARANTEED



EXTRA-THIN CUTTING DISCS

for greater precision

> see page 242 for more



EXTENDED

30% MORE PERFORMANCE

for extra-thin cutting discs

> see page 236 for more

Simplify your

BRAINTOOLS®



CLEVER PROBLEM-SOLVERS

for special tasks

> see page 244 for more

ALLROUNDER



GENUINE ALL-ROUNDERS

for multiple application steps

> see page 246 for more

CERAMICON

NEVER- ENDING SHARPNESS

with ceramic grain

> see page 234 for more

HYDRO PROTECT

PERFOR- MANCE PROTECTION

for extra-thin cutting discs

> see page 250 for more



ORK

CONTINUOUS VISUAL MONITORING

while grinding

> see page 248 for more



INTUITIVE PRODUCT FINDER

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

> see page 008 for more



Our discs with extra bite:

- | | | | |
|-------------------------|-------|----------------------|-------|
| • XT100 EXTENDED | p.026 | • JUMBO SPEED X-LOCK | p.121 |
| • XT100 EXTENDED X-LOCK | p.027 | • JUMBO LONGLIFE | p.121 |
| • XT200 EXTENDED | p.032 | • FSK | p.149 |
| • RS580 EXTENDED | p.096 | • VISION SPEED | p.116 |
| • JUMBO SPEED EXTENDED | p.120 | • KFK | p.135 |





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



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 26



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 96



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 120





**+30%
PERFORMANCE**

Our power products:

- | | | | |
|---------------------------|-------|------------------------|-------|
| • XT100 EXTENDED | p.020 | • JUMBO SPEED EXTENDED | p.120 |
| • XT200 EXTENDED | p.032 | • LSZ F EXTENDED | p.124 |
| • RS580 EXTENDED | p.096 | • LD404 EXTENDED | p.202 |
| • JUMBO LONGLIFE EXTENDED | p.121 | | |





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 32



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 121



LD404 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 202





Our ALU range:

• XT24	p.035	• VLS	p.133
• FT24	p.044	• KFS	p.137
• RS24	p.103	• KFK	p.135
• LGA ALU	p.132	• HF F	p.189





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



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.

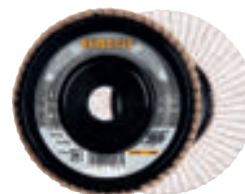
Page 35



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 103



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 132





Our X-LOCK range:

- | | | | | | |
|------------------|-------|-----------------|-------|--------|-------|
| • XTK8 | p.026 | • JUMBO SPEED P | p.120 | • LD40 | p.206 |
| • XT100 EXTENDED | p.027 | • VISION SPEED | p.116 | • DG15 | p.215 |
| • XT38 | p.028 | • LGZ PB | p.131 | • DG35 | p.212 |
| • XT70 | p.029 | • LSZ F1 | p.126 | • DG50 | p.217 |
| • FT33 | p.042 | • LD300 | p.204 | | |





ONE ADVANCED TECHNOLOGY MEETS ANOTHER

And users benefit twice over.

The innovative technologies from RHODIUS for even more performance when it comes to metalworking can now also be used on BOSCH Professional angle grinders with the XLOCK system.

Thanks to simple and convenient tool changing, you can now work even faster. Of course, RHODIUS discs with XLOCK 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 XLOCK technology. This combination posed a special challenge to tool developers, which RHODIUS has now solved for the first time.

Page 26



VISION SPEED X-LOCK

The flap discs of the RHODIUS VISION series for the XLOCK 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 116



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 XLOCK mount, the high-performance diamond cutting disc can now be changed even faster.

Page 204





Our range of extremely thin disc products:

- XTK6 EXACT p. 021



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 Extra-Thin technology are characterised by their especially thin disc widths, offering impressive features such as outstandingly smooth operation and maximum precision while cutting with noticeably less effort required. Even with especially hard materials such as spring steels or stainless steel sheets, virtually no rework is required, thanks to the precise and cool cut.

Benefits

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

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

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

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





Our smart product line:

- | | | | | | |
|---------------|--------|---------------|--------|-------------|--------|
| • XTK6 EXACT | p. 021 | • VSK VISION | p. 119 | • LD402/404 | |
| • XTK35 CROSS | p. 022 | • LD200 SPEED | p. 205 | ALL IN ONE | p. 202 |
| • FS1 FUSION | p. 095 | | | | |



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. Apart from the ventilation effect, a special coating used on the belt also 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. 022
- VSK VISION p. 119
- LD402/LD404 ALL IN ONE p. 202



MULTIPLE WORK STEPS WITH JUST ONE TOOL

Our All-Rounder technology

The professional user's working day often presents a number of complex challenges to master before the perfect result can be achieved. If work steps can be omitted or combined into a single procedure, this not only makes work considerably easier but also saves time while improving both efficiency and cost-effectiveness.

RHODIUS All-Rounders are specially developed products that offer special, universal competencies for multiple work applications or steps. The smart combination of multiple product characteristics and the specific modification of existing products results in a significant lightening of the workload for users.

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. 118 | • VISION SPEED | p. 116 |
| • VISION COOL | p. 117 | • VSK VISION | p. 119 |



CONTINUOUS VISUAL MONITORING WHILE GRINDING

Our Vision technology

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

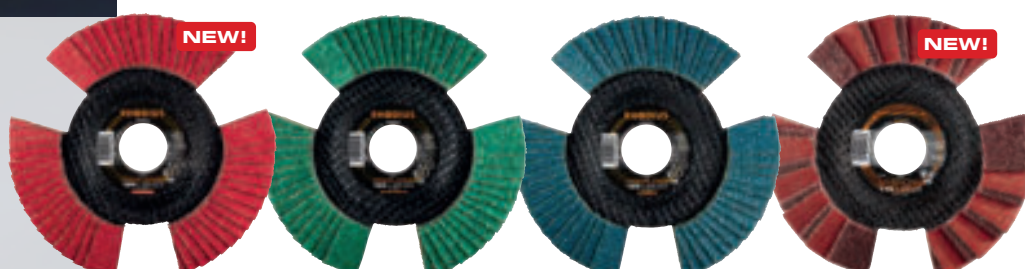
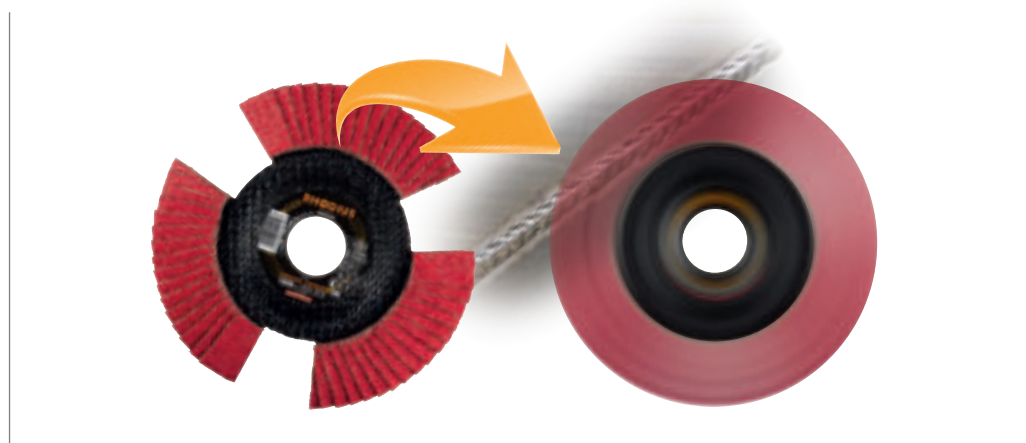
Your benefit: Thanks to a perfectly matched row of abrasive grains, you can see what and how much you are grinding to ensure a controlled material abrasion and excellent surface quality. With the Speed and Cool discs, the ventilation effect is supplemented by a special belt coating that also works to 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. 021	• XT38	p. 028	• XTK10	p. 027
• XT8 EXACT	p. 025	• XT67	p. 033	• XTK20	p. 033
• XT10 EXT.D.	p. 027	• XT100 EXT.D.	p. 026	• XTK35 CROSS	p. 022
• XT20	p. 033	• XT200 EXT.D.	p. 032	• XTK38	p. 028
• XT24	p. 035	• XTK8 EXACT	p. 026	• XTK67	p. 034



PERFORMANCE PROTECTOR FOR EXTRA-THIN CUTTING DISCS

Our HydroProtect technology

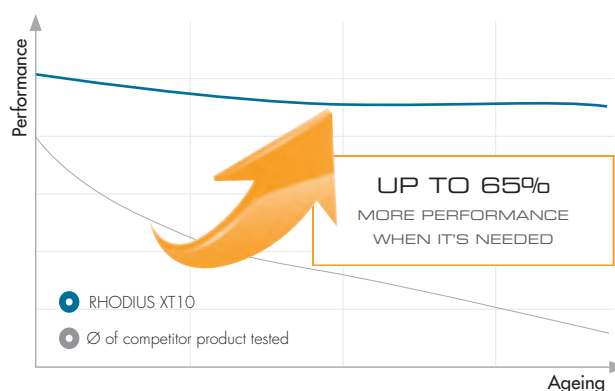
Resin-bonded abrasive discs age and their performance degrades with time, even if they are not being used. Since moisture accelerates ageing, RHODIUS has developed HydroProtect, a formula that slows the ageing process while retaining abrasive disc performance over the long term. This offers key benefits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

Benefits

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

HYDROPROTECT TECHNOLOGY – HOW IT WORKS

Conventional abrasive disc	HydroProtect abrasive disc
 During storage, atmospheric humidity penetrates between the cutting disc's bond matrix and abrasive grain. ↓ The bond is weakened and the grain breaks off uselessly during the cutting processes.	 The formulation is modified to create a protective barrier layer that envelopes the abrasive grains. ↓ Premature breakout of the abrasive grains is reduced, working to optimise the performance and efficiency of the cutting disc.



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)

TRAINING & PRODUCT PRESENTATIONS

Understanding the theory plus hands-on work with our products as part of our application-oriented support



TANDEM VISITS

Our sales team, supported here by a RHODIUS applications engineer, provides you with pitch-winning sales arguments and practical tips.

SUPRA



IN-HOUSE FAIRS

Open Day or 'Trade Breakfast'? We present innovations for the envisaged target market while simultaneously offering a platform to promote dialogue between users and specialists.





SALES PROMOTION ACTIVITIES

Individually tailored to your business, our campaigns always add value, so as to actively accelerate your sales and boost your customer retention rates.



for retail partners

No two dealers are the same. One thing you can be sure of: RHODIUS doesn't do 'one size fits all' support. We keep you up-to-date on technologies and provide you with carefully prepared product and application information, which you need in order to sell efficiently and sustainably – and tailored by range and industry to your customers.

INTRODUCING INNOVATION

e.g. in our Latest News brochure or in product presentations held on your or your customer's premises.



PRODUCT PRESENTATION

Stimulate interest, engage your customers, present product benefits successfully, simplify your sales – our packaging solutions and displays make your point of sale the centre of attention.

STREAMLINED PROCESSES

We use nexmart to provide our partners with all of the relevant product data for the entire RHODIUS product range – whether to ensure reliable, always up-to-date information or to facilitate quick and secure import into your system. This speeds up the process of placing RHODIUS products in your shop.



Uniform presentation also for your own online shop.



with **SERVICE+**

At RHODIUS, we want to ensure that our dealers receive an optimum level of product advice and sales support. Both for retail and in e-commerce – with top-quality products and comprehensive, digital data.

• Products:	290
• Articles:	2876
• Attributes:	386
• Languages/versions:	16
• Images:	4609
• Videos:	65

Last updated: November 2018

SIMPLER SOURCING

The complete RHODIUS product range is available on mercateo, the procurement platform for business customers. For your recurrent sourcing of RHODIUS pro tools, you can simply use your mercateo shopping lists to benefit from an efficient and transparent procurement process.

We will supply you with the data you need for your mercateo business.

RIGOROUSLY CONSISTENT

We use OXOMI, the central platform for marketing information to provide you with catalogues, images or videos in high quality and perfectly prepared for immediate use. Just as retailers would expect: impactful, consistently up-to-date and supportive of any sales activity.

Added value for e-commerce, too, with the VISION SPEED, for example: relevant application video hosted by the system.



A GUARANTEED STANDARD

Uniform catalogue data exchange powered by BMEcat. Data classification complies with eCI@ss – an industry-wide product standard that is independent of national borders, languages, sectors and organisations.

Versions

1.2.	Product master data
2005	Product master data incl. product descriptions, dynamic prices, multiple languages



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service@rhodius.de



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VIDEOS

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SWITCH ON TO RHODIUS! Look over our shoulder as we work.

RATION



RHODIUS – an all-channel experience.

Targeted communication with yourselves and with your users is especially important to us: it enables us to make the products we do and continue to improve them, to make your day-to-day work easier and help you to become masters of metal.

And because pro tools only become pro tools in the right hands, we also take every opportunity to provide you with practical tips and tricks to help you in your work.

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