

SIMPLIFY YOUR WORK

RHODIUS

OUR CATALOGUE

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Occupational safety

RHODIUS
QUALITY PROMISE

BUILT ON TRUST MANUFACTURED IN GERMANY.



Over 90% of the products we sell are manufactured in Germany. As tool specialists, we develop and produce high-performance tools for professional users – including our globally unique extra-thin cutting discs and a wide range of products for cutting and grinding.

While we are naturally passionate about power, progress and performance, at the end of the day, one thing is our highest priority: safety for the people who use our tools. This is why view the production of our cutting discs as the greatest sphere of responsibility at RHODIUS. Based on our many decades of manufacturing excellence, we have developed a unique production system at our original premises in Burgbrohl, Germany that lets us achieve seamless and integrated production entirely in-house. Our approach to quality starts here with the selection of raw materials and semi-finished goods, which we test for suitability in our labs with cutting-edge methods. Production itself is carried out by our high-performance, automated machine pool. We also conduct routine in-process inspections that we document using digital systems

And it goes without saying that we fulfil and comply with all national and international laws, standards and directives. Our quality management system is certified to EN ISO 9001 and EN ISO 50001, guaranteeing full and meticulous compliance with applicable regulations.



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



RHODIUS TECHNOLOGIEN

EXTRA THIN**Greater precision**

and less rework

> Details on page 230

EXTENDED**More performance**

ensuring you keep your competitive edge

> Details on page 232

CERAMICON**Always sharp, always long-lasting**

thanks to ceramic grain

> Details on page 240

HYDRO PROTECT**Performance protector**

minimises performance loss caused by moisture

> Details on page 236

**Intuitive product finder**

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

> Details on page 006

POWER PLUS**Battery-saving**

for battery-operated/
variable-speed machines

> Details on page 234

ALLROUNDER**Genuine all-rounders**

complete multiple application steps with just one tool

> Details on page 242

VISION**Continuous visual monitoring**

avoids costly and time-consuming rework

> Details on page 238

PRODUCT QUICK FINDER

Cutting

	Page	Material	
Extra-thin cutting discs	XTK6 EXACT	015	● ●
	XTK35 CROSS	016	● ●
	XT8 EXACT MINI	017	● ●
	XT10 MINI	018	● ●
	XT8 EXACT	019	● ●
	ASB XT	018	Accessories
	XT100	020	● ●
	XT10	021	● ●
	XT38	022	● ●
	XT70	023	● ●
	XT15	024	● ●
	XT200	025	●
	XT20	026	●
	XT67	026	●
	XT77	027	●
	XT24	028	●
	XT66	029	● ● ●
	XT69 MULTI	030	● ● ● ● ●
	XTK69 MULTI CROSS	031	● ● ● ● ●
	Freehand cutting discs	FT38	032
FT26		033	● ●
FT67		034	●
FT33		035	●
KSM		036	●
FT30		036	●
FT24		037	●
FT44		038	● ● ●
FT40		039	● ● ●
Stationary cutting discs		ST38	040
	ST56	041	●
	ST34	042	●
	ST21	042	●

Cleaning

	Page	Material	
Non-woven cleaning abrasives	SVS HD	046	● ● ● ●
	SVS	047	● ● ● ● ●
	SVS Mini	047	● ● ● ● ●
	SVS GS	048	● ● ● ● ●
	SVS PIN	048	Accessories
Wheel brushes	ERBZ	054	● ●
	ERBW	055	● ● ●

Wheel brushes	ERBWB	055	● ● ●
	SRBZ	056	●
	SRBZGS	057	●
	SRBWGS	057	●
	SRBWB	058	●
	HRB	072	● ● ● ●
Cup brushes	ETBZ	059	● ●
	ETBW	060	● ● ●
	STBZ	061	●
	STBZ S	062	●
	STBW	062	●
	STBWGS	063	●
	STBWB	063	●
Bevel brushes	HTB	073	● ● ● ●
	EKBZ	064	● ●
	EKBW	065	● ● ●
	SKBZ	066	●
End brushes	SKBW	067	●
	EPBZ	068	● ●
	EPBW	069	● ● ●
Hand scratch brushes	SPBZ	070	●
	SPBW	071	●
	EHBG	074	● ●
	EHBW	075	● ● ●
	UHBW	075	● ● ●
	EKNB	076	● ●
	SHBG	077	●
	BSBG	078	●
	ZKB	079	●

Grinding

	Page	Material	
Grinding discs	RS680 SPEED	084	● ●
	RS580 EXTENDED	085	● ●
	RS480	086	● ●
	FS1 FUSION	087	● ●
	RS38	088	● ●
	RS28	088	● ●
	RS50 LONGLIFE	089	●
	RS67	090	●
	RS2	0900	●
	RS22	091	●
	KSM	091	●

Grinding discs	RS24	092	●
	RS66	093	●
	RS69 MULTI	094	● ● ● ●
Grinding wheels	SR15	095	●

Grinding/polishing

	Page	Material		
Flap discs*	VISION SPEED	104	● ● ●	
	VISION COOL	105	● ● ●	
	VISION PRO	106	● ●	
	VSK VISION	107	● ● ●	
	JUMBO SPEED EXTENDED	108	● ●	
	JUMBO LONGLIFE EXTENDED	109	● ●	
	LSK FK	110	● ●	
	LSZ F EXTENDED	111	● ● ●	
	LSZ F1	112	● ● ●	
	LSZ P1	113	● ● ●	
	LSZ F2	113	● ● ●	
	LSZ F3	114	● ● ●	
	LSZ FB	116	● ●	
	LSA F1	117	● ●	
	LGA ALU	118	●	
	Non-woven flap discs	VLS	120	● ● ●
		VSK F	119	● ● ●
	Fibre discs	KFX SPEED	121	● ●
KFK		122	● ●	
KFZ		123	● ●	
KFS		123	●	
SFA		124	●	
SFC		125	●	
Abrasive belts	RH TURBO & RHST	126	Accessories	
	ESB CL	128	● ●	
	ESB ZL	129	● ●	
	ESB KK	130	● ●	
	ESB V	130	● ● ●	
	ESB CX	131	● ●	
	ESB ZX	131	● ●	
Abrasive sleeves	ESB KX	132	●	
	ESH	133	● ●	
	SSH	134	●	
	SHEK	134	Accessories	

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

PRODUCT QUICK FINDER

Flap wheels	SLR	135	
	FS MINI	136	
	FS	136	
	FS K	137	
Non-woven flap wheels	VSK	138	
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Drums	SVSW	140	
	LW	141	
	VWK	141	
	VW	142	
	FW	142	
Quick-Change Discs	SVS QUICK HD	143	
	LSZ QUICK	144	
	KFK QUICK	144	
	KFZ QUICK	145	
	KFS QUICK	145	
	VLS QUICK	146	
	VKS QUICK	146	
	RH QUICK	147	Accessories
Rolls	SPBR	148	
	KERR	149	
Abrasive sheets	KKBR	150	
	WSP	151	
Self-fastening discs	KGK V	152	
	KSN V	153	
	KSF15 V	153	
	SKP15 V	154	
	SKP15 WHITE V	154	
	RH15 V	155	Accessories
	ZSKP V	155	
	KERR V F/B	156	
	KRF V	157	
	VLS V	157	
RH V & RHST V	158	Accessories	
Non-woven abrasives	VLSR	159	
	VLS PAD	160	
Unitted discs	VKS KN	161	
	VKSG WS	162	
Felt polishing flap discs	FLS	164	
	FLP	165	
Satin finish/polishing rings	SAT	165	
	POL	166	
	ESD	166	Accessories

Pastes	PASTE	167	
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Milling

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	HF B	173	
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	HF D	176	
	HF E	178	
	HF F	178	
	HF G	180	
	HF H	181	
	HF K	183	
	HF L	183	
	HF M	185	
	HF SET	186	

Cup wheels	DS1	210	
	DS10	211	
	DS40	211	
	DS41	212	
Core drills	CD10	213	
	CD15	214	
	CD5	214	Accessories
Tile drills	CD30	215	
	CD40	215	

Occupational safety

	Page	Reference
SE10	218	Safety goggles
SE20	218	Ear muffs
SE30	219	Leather gloves
SE40	219	Dust mask
RHO-LOCK	219	Quick Nut

Diamond tools

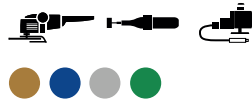
	Page	Material
Cutting discs	LD403S/LD404 ALL IN ONE	194
	LD300	195
	LD200 SPEED	196
	LD45	197
	LD40	197
	LD50	198
	DG70	198
	DG210 ALLCUT	199
	DG215 ALLCUT	200
	LD70	201
	LD60	202
	LD410 SPEED	203
	LD460 MULTI PRO	204
	LD4	204
	DG35	205
	DG55	205
	DG65 ACCU CROSS	206
	DG10	207
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CUTTING

CONTENTS

EXTRA-THIN CUTTING DISCS



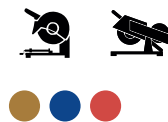
016

FREEHAND CUTTING DISCS



032

STATIONARY CUTTING DISCS



040

HIGHLIGHTS



XTK6 EXACT

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

Page 015



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

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SPECIAL TECHNOLOGIES



More information on
page 240



More information on
page 244



More information on
page 234



More information on
page 236

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 thickness of 1.9 mm, they are the ideal tool for processing both thin-walled materials and solid materials.

Benefits

- Considerably smooth cut due to less friction on the work piece
- Minimal thermal stress
- Reduced discoloration
- Virtually burr-free cut
- Less time-consuming reworks



Freehand cutting discs > 1.9 mm

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

Benefits

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

HIGH-PERFORMANCE TOOL AND MACHINE COMBINATION

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

		High-power machines start from ...					
		Ø 100	Ø 115	Ø 125	Ø 180	Ø 230	
Machine type	Compressed air	> 450 W	> 650 W	> 850 W	> 1600 W	> 1900 W	
	Electric	> 550 W	> 1000 W	> 1200 W	> 2000 W	> 2200 W	

Softer discs for low-power machines

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

- High cutting ability

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

Result: Cutting ability degrades and the disc becomes blunt.

Harder discs for high-power machines

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

- Very long lifetime and high cutting ability

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

Result: The disc's lifetime is dramatically shortened.

CUTTING

5 STEPS TO TOP PERFORMANCE

1 Metal ring with expiry date

Centred and secure fixing in the machine

2 Paper label

All product and safety information on every disc

3 Fibre glass

Strong, high-quality fabric for greater safety during cutting

5 Fibre glass

Second fabric reinforcement



4 Mix



Abrasive grain

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



Active grinding filling materials

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



Bond

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



CUTTING

WORKING SPEED

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



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

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



Further application tips for our cutting discs can be found at www.sharppgrinding.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 ●○●

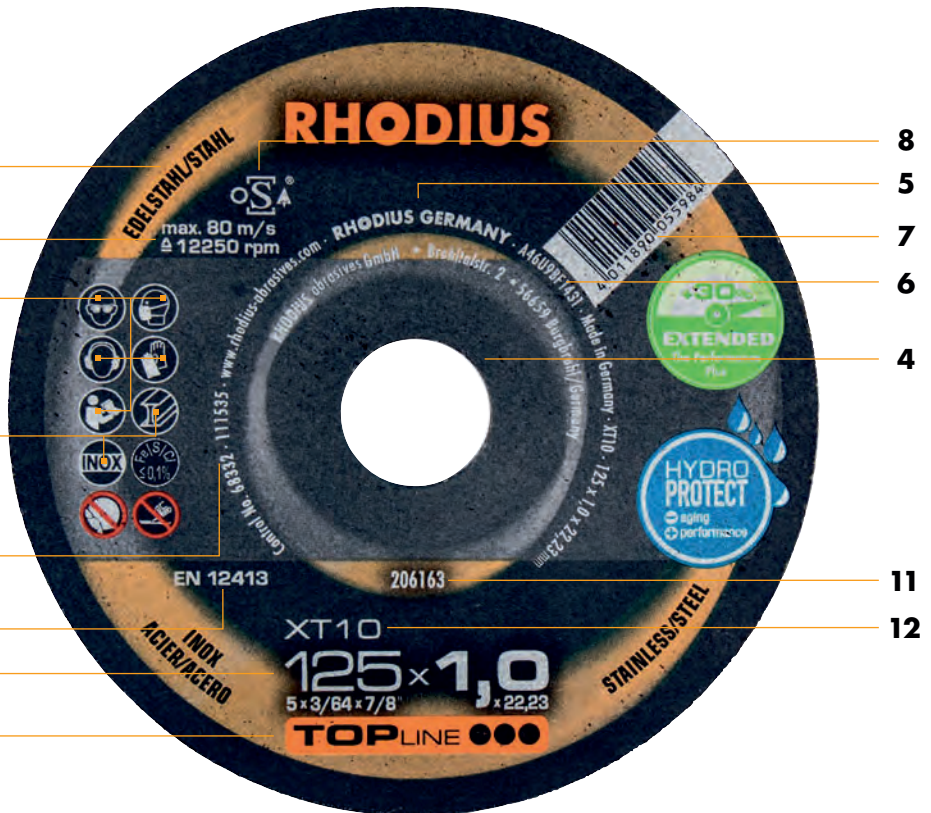
1 Safety pictograms

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. 013

7 EAN barcode

8 oSa mark see p. 004

9 European standard for bonded abrasive products

10 Maximal permissible working speed see p. 012

11 Part number

12 Product reference

CUTTING THE MARK

Abrasive marking according to EN 12413:

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

A 24 U 9 BF 1337

Abrasive grain

A Standard aluminium oxide
Z Zirconium
C Silicon carbide

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

30A Semi-frangible aluminium oxide

54A Pink aluminium oxide

56A White aluminium oxide

89A Special aluminium oxide

Grain size

Grain size in MESH acc. to FEPA standard:

04 to **24** coarse

30 to **60** Medium

70 to **220** fine

Degree of hardness

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

Structure

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

Bonding types

B Synthetic resin bonding
BF Fibre-reinforced synthetic resin bonding

Key

The key contains company-internal information.

EXTRA-THIN CUTTING DISCS

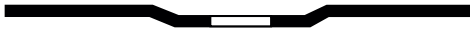
Extra-thin cutting discs have a smaller friction surface. This allows a fast and cool cut.

This avoids discoloration of the workpiece. Cutting with lower burrs also saves the user any tiresome reworking.

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

PRODUCT ADVANTAGES:

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



Select the depressed shape (shape 42) for more stability during the cutting process.



EFFICIENT CUTTING WITH MAXIMUM PRECISION



XTK6 EXACT

TOP LINE ●●●

mm: **0,6**

Even less burr formation and even less thermal stress – leading to reduced discoloration. The XTK6 EXACT – the thinnest disc impresses with its ultra-low-noise operation. Thanks to the exceptionally precise, clean and almost burr-free cut, virtually no follow-up work is required. Although just 0.6 mm thick, this 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.

- The world's thinnest freehand cutting disc
- Exceptional precision and virtually burr-free
- Minimal thermal stress, resulting in zero blueing

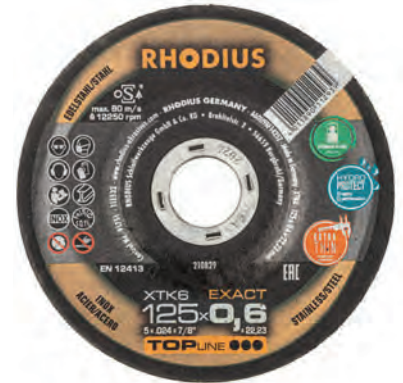
Material:

- 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

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



XTK6 EXACT IN ACTION:

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

Shape 42

						XTK6 EXACT	
				Product category	GTIN/pc. EAN/pc.		
115 × 0.6 × 22.23	13300	50	210828	PK01	4011890112915		
125 × 0.6 × 22.23	12250	50	210829	PK01	4011890112939		

Abrasive marking according to ISO 525: A60U9BF14252

Shape 42

						XTK6 EXACT PACK	
				Product category	GTIN/PK EAN/PK		
115 × 0.6 × 22.23	13300	25	211300	PK01	4011890124314		
125 × 0.6 × 22.23	12250	25	211295	PK01	4011890124284		

Abrasive marking according to ISO 525: A60U9BF14252

Shape 42

						XTK6 EXACT BOX	
				Product category	GTIN/PK EAN/PK		
115 × 0.6 × 22.23	13300	10	211301	PK01	4011890124321		
125 × 0.6 × 22.23	12250	10	211302	PK01	4011890124338		

Abrasive marking according to ISO 525: A60U9BF14252



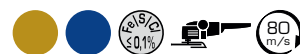
Ideal for sectional repairs with MIG-weld-seams

FOR SAFE CUTTING AND GRINDING IN ONE OPERATION

mm:
1,9

XTK35 CROSS

TOP LINE ●●●

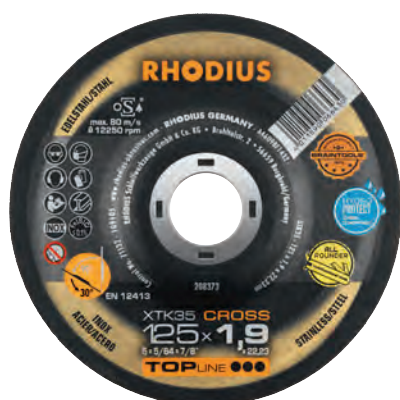


- Lifetime
- Cutting ability for solid material
- Cutting ability for thin-walled material

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-protected steels
- Hardened, high-alloy and high-strength steels
- Tool steels
- Structural steels
- Galvanised parts
- Painted metal sheets
- High tensile metal sheets
- Hardox

Typical applications:

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



XTK35 CROSS

Shape 27

	⊕	V _{min}	📦	🖨️	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



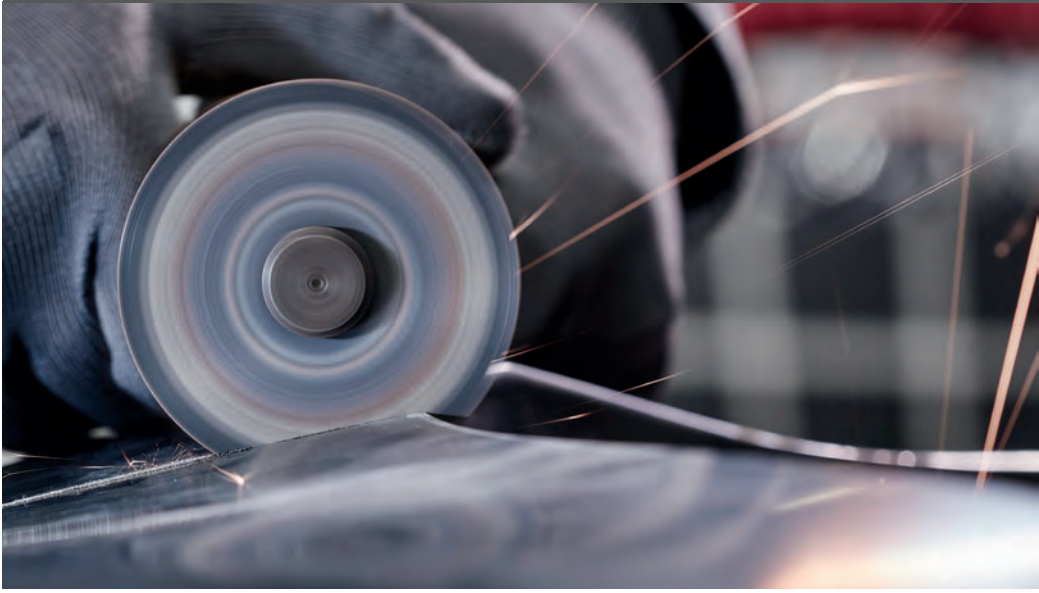
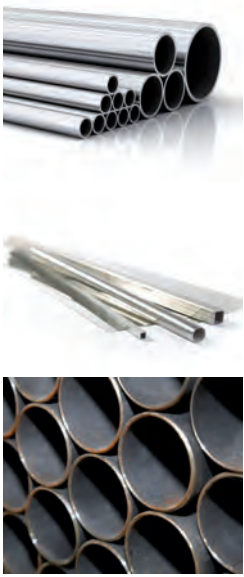
Extra-thin cutting and grinding with one disc



XTK35 CROSS IN ACTION:

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

EXTRA-THIN MINIATURE CUTTING DISCS / STAINLESS STEEL



Material:

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

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

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



Iron and sulphur free



XT8 EXACT MINI

mm:
0,8

TOPLINE



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

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

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

i Matching mandrel ASB XT see page 018

XT8 EXACT MINI

⊕	⌀/mm	📦	💻	Product category	GTIN/pc. EAN/pc.
30 × 0.8 × 6.00	50900	50	207056	PK01	401 1890059838
40 × 0.8 × 6.00	38200	50	207058	PK01	401 1890059845
50 × 0.8 × 6.00	30600	50	207060	PK01	401 1890059852
65 × 0.8 × 6.00	23500	50	207067	PK01	401 1890059890

Abrasive marking according to ISO 525: A60U9BF1433

Shape 41



mm:
1,0-2,0

XT10 MINI

TOPLINE ●●●



- 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 × 10.00	20100	50	206803	PK01	4011890058145
75 × 2.0 × 10.00	20100	25	206804	PK01	4011890058152
100 × 1.0 × 10.00	15300	50	205067	PK01	4011890112861

Abrasive marking according to ISO 525: A46U9BF1432


ASB XT

TOPLINE ●●●






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

 Please observe the maximum permissible speed (rpm) depending on the disc diameter at a working speed of 50 m/s (information on page 012).



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

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

Iron and sulphur free



XT8 EXACT

mm:
0,8

TOPLINE ●●●



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

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

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

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

XT8 EXACT

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

Abrasive marking according to ISO 525: A60U9BF1433

Shape 41





Shape 42



Shape 42

XTK8 EXACT

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

Abrasive marking according to ISO 525: A60U9BF1433

XTK8 EXACT

					Product category	GTIN/PK EAN/PK
125 x 0.8 x 22.23	12250	25	211077	PK01	4011890123089	

Abrasive marking according to ISO 525: A60U9BF1433

mm:
1,0-1,9

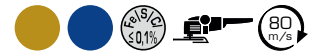
XT100

TOPLINE ●●●

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

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

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



Shape 41

XT100

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

Abrasive marking according to ISO 525: A36U0BF13679



XT10

mm:
1,0-1,9

TOP LINE



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

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

Abrasive marking according to ISO 525: A46U9BF1431

* Reducer ring to hole diameter of 10 mm included

XT10 PACK						
				Product category	GTIN/PK EAN/PK	
125 x 1.0 x 22.23	12250	25	211294	PK01	4011890124277	

Abrasive marking according to ISO 525: A46U9BF1431

XTK10						
				Product category	GTIN/pc. EAN/pc.	
115 x 1.5 x 22.23	13300	50	206168	PK01	4011890056035	
125 x 1.0 x 22.23	12250	50	206167	PK01	4011890056028	
125 x 1.5 x 22.23	12250	50	206169	PK01	4011890056042	
180 x 1.5 x 22.23	8500	25	206262	PK01	4011890056141	
230 x 1.9 x 22.23	6650	25	206263	PK01	4011890056158	

Abrasive marking according to ISO 525: A46U9BF1431



mm:
1,0-1,9

XT38

PROLINE ●●●



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

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

XLOCK



- Little bur formation
- High cutting speed
- Fewer sparks

i Ideal for low-power machines

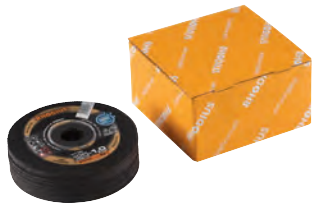


Shape 41

XT38

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

Abrasive marking according to ISO 525: A46T11BF1415



Shape 41

XT38 PACK

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

Abrasive marking according to ISO 525: A46T11BF1415



Shape 41

XT38 BOX

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

Abrasive marking according to ISO 525: A46T11BF1415



Shape 41

XT38 X-LOCK

					Product category	GTIN/pc. EAN/pc.
125 × 1.0 × 22.23		12250	25	211207	PK01	4011890124123
125 × 1.5 × 22.23		12250	25	211208	PK01	4011890124109

Abrasive marking according to ISO 525: A46T11BF1415



Shape 42

XTK38

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

Abrasive marking according to ISO 525: A46T11BF1415



XT70

mm:
1,0-1,9

ALPHA LINE ●○○



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

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines

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

XT70

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

Abrasive marking according to ISO 525: A46T11BF10097

XT70 PACK

				Product category	GTIN/PK EAN/PK
115 × 1.0 × 22.23	13300	50	211080	PK01	4011890123119
125 × 1.0 × 22.23	12250	25	211078	PK01	4011890123096
125 × 1.0 × 22.23	12250	50	211081	PK01	4011890123126
125 × 1.5 × 22.23	12250	25	212093	PK01	4011890129722

Abrasive marking according to ISO 525: A46T11BF10097

XT70 BOX

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

Abrasive marking according to ISO 525: A46T11BF10097

XT70 X-LOCK

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

Abrasive marking according to ISO 525: A46T11BF10097

XTK70

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

Abrasive marking according to ISO 525: A46T11BF11058

Shape 41



Shape 41



Shape 41



Shape 41



Shape 42



CUTTING DISCS / STAINLESS STEEL FOR BATTERY-POWERED GRINDERS



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

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

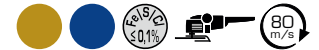
Material:

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

mm:
1,0

XT15 ACCU BOX

TOP LINE ●●●



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

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



Shape 41

XT15 ACCU BOX

	⊕	⊖	📦	📱	Product category	GTIN/pc. EAN/pc.
	115 x 1.0 x 22.23	13300	10	210247	PK01	4011890096734
	125 x 1.0 x 22.23	12250	10	210248	PK01	4011890096758

Abrasive marking according to ISO 525: A46U9BF3797

STATIONARY CUTTING DISCS / STEEL



Material:

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

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



XT200

mm:
1,0-1,9

TOPLINE ●●●

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



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

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



XT200

⊕	⊖/min	📦	📱	Product category	GTIN/pc. EAN/pc.
125 x 1.0 x 22.23	12250	25	210229	PK01	4011890096383
230 x 1.9 x 22.23	6650	25	210233	PK01	4011890096420

Abrasive marking according to ISO 525: 78A36U0BF13682

Shape 41



mm:
1,0-1,9

XT20

TOP LINE ●●●



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

The XT20 cutting disc has been specially developed for demanding applications on steel and offers maximum efficiency.

- Little bur formation
- High cutting speed
- Fewer sparks



i The +30% EXTENDED performance increase applies exclusively to the 115 × 1.0 × 22.23 mm and 125 × 1.0 × 22.23 mm diameters.



Shape 41



Shape 42

XT20

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

Abrasive marking according to ISO 525: A46U9BF1430

XTK20

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

Abrasive marking according to ISO 525: A46U9BF1433

mm:
1,0-1,9

XT67

PRO LINE ●●○



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

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

- Little bur formation
- High cutting speed
- Fewer sparks



Shape 41

XT67

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

Abrasive marking according to ISO 525: 74A30T11BF1367

XT67 BOX

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

Abrasive marking according to ISO 525: 74A30T1 1BF1367

Shape 41

**XTK67**

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

Abrasive marking according to ISO 525: 74A30T1 1BF1367

Shape 42

**XT77**mm:
1,0-1,9**ALPHALINE**

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

- Little bur formation
- High cutting speed
- Fewer sparks

Ideal for low-power machines

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

XT77

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

Abrasive marking according to ISO 525: A46M1 1BF11075

Shape 41

**XTK77**

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

Abrasive marking according to ISO 525: A46M1 1BF11337

Shape 42



EXTRA-THIN CUTTING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging

i Aluminium dust is very fine: even with extraction, it can still accumulate in the angle grinder and destroy it. Air grinders are less sensitive to dust. If you are cutting aluminium with an electrical angle grinder, using a thin aluminium cutting disc will reduce dust production by half. For maximum safety when working, it is essential to wear safety goggles, gloves and a dust mask. 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.

mm:
1,0-1,9

XT24

TOP LINE ●●●



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

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

- Little bur formation
- High cutting speed



i Ideal for low-power machines



Shape 41

XT24

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

Abrasive marking according to ISO 525: A24PBF26

EXTRA-THIN CUTTING DISCS / STONE



Material:

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

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



XT66

mm:
1,5-1,9

TOPLINE ●●●

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

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

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

i Ideal for low-power machines

XT66

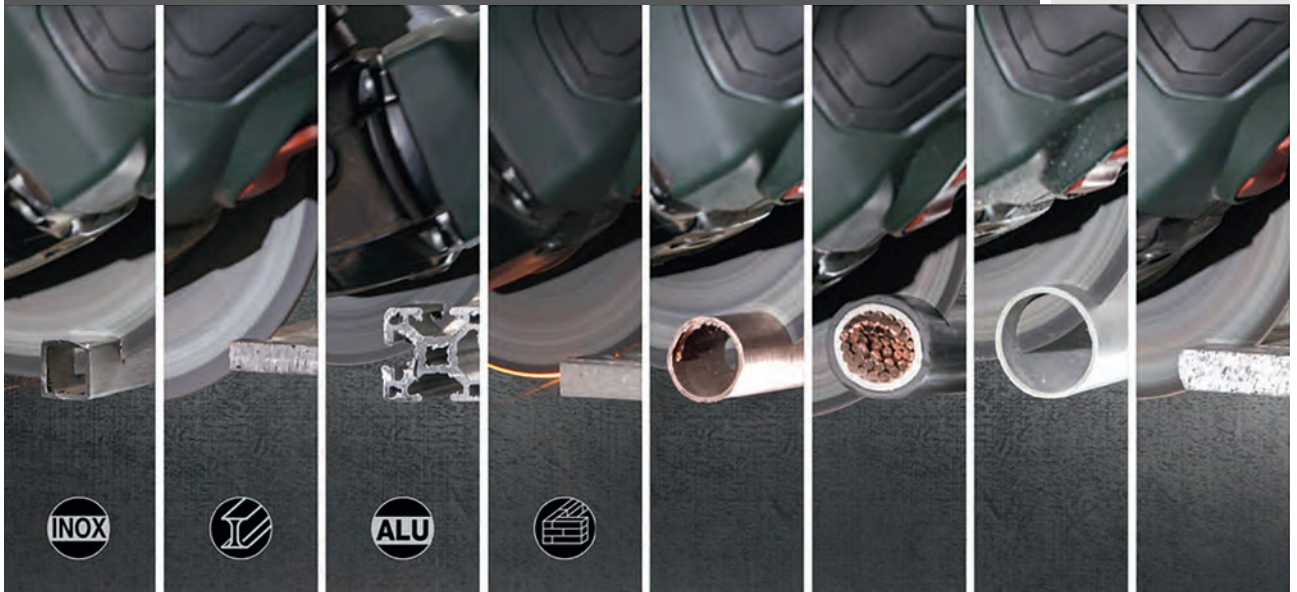
⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
115 x 1.5 x 22.23	13300	50	204625	PK01	401 189005 1641
125 x 1.5 x 22.23	12250	50	204624	PK01	401 189005 1658
180 x 1.9 x 22.23	8500	25	204623	PK01	401 189005 1665
230 x 1.9 x 22.23	6650	25	204622	PK01	401 189005 1672

Abrasive marking according to ISO 525: C36R8BF1416

Shape 41



EXTRA-THIN CUTTING DISCS / ALLCUT



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 and optimal price-performance ratio.

- Reduced burr formation
- High cutting speed
- Fewer sparks
- Low edge cavitation

Ideal for low-power machines



Shape 41

XT69 MULTI

				Product category	GTIN/pc. EAN/pc.
105 × 1.0 × 16.00	13300	50	211707	PK01	4011890127605
115 × 1.0 × 22.23	13300	25	211202	PK01	4011890124055
125 × 1.0 × 22.23	12250	25	211203	PK01	4011890124079
230 × 1.9 × 22.23	6650	25	211566	PK01	4011890126820

Abrasive marking according to ISO 525: 49AC46R9BF14639



Shape 41

XT69 MULTI BOX

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

Abrasive marking according to ISO 525: 49AC46R9BF14639

80
m/s

Fe/Si/C



XTK69 MULTI CROSS

mm:

1,9**PRO LINE** ●●●○

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

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

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 × 1.9 × 22.23	13300	25	211458	PK01	4011890126257	
125 × 1.9 × 22.23	12250	25	211452	PK01	4011890126233	

Abrasive marking according to ISO 525: 49AC46R9BF14639

Shape 27



FREEHAND CUTTING DISCS / STAINLESS STEEL



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

Iron and sulphur free

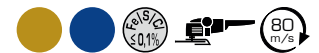
Material:

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

mm:
2,0-3,0

FT38

TOPLINE ●●●



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

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



Shape 41

FT38

					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 × 2.5 × 22.23	12250	25	210763	PK02	4011890111307	
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 marking according to ISO 525: A24U9BF1337

FTK38

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

Abrasive marking according to ISO 525: A24U9BF1 338

Shape 42



FT26

mm:
2,0-2,5

ALPHALINE ●○○

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

- Long service life
- Comfortable cutting behaviour
- Easy cutting

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

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 marking according to ISO 525: A24R13BF1 1698

Shape 41



FTK26

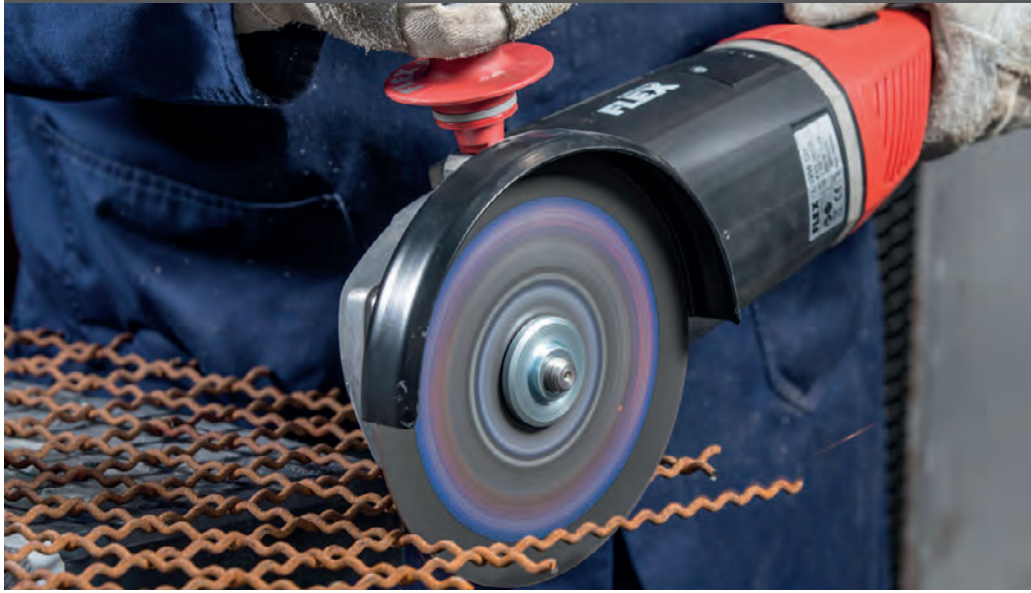
				Product category	GTIN/pc. EAN/pc.
115 x 2.0 x 22.23	13300	25	208728	PK02	4011890071618
125 x 2.0 x 22.23	12250	25	208729	PK02	4011890071632
180 x 2.0 x 22.23	8500	25	208730	PK02	4011890071656
230 x 2.5 x 22.23	6650	25	208731	PK02	4011890071670

Abrasive marking according to ISO 525: A24R13BF1 1698

Shape 42



FREEHAND CUTTING DISCS / STEEL



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

Material:

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

mm:
2,5

FT67

TOPLINE ●●●



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

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

- Long service life
- Easy cutting
- High cutting speed



Shape 41

FT67

	⊕	⊖/mm	📄	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 2.5 × 22.23	13300	25	202390	PK02	4011890012895
	125 × 2.5 × 22.23	12250	25	202396	PK02	4011890012932
	180 × 2.5 × 22.23	8500	25	202403	PK02	4011890012970
	230 × 2.5 × 22.23	6650	25	202417	PK02	4011890013045

Abrasive marking according to ISO 525: 74A30T1 1BF1367

FTK67

				Product category	GTIN/pc. EAN/pc.
115 x 2.5 x 22.23	13300	25	202392	PK02	4011890012918
125 x 2.5 x 22.23	12250	25	202398	PK02	4011890012956
230 x 2.5 x 22.23	6650	25	202410	PK02	4011890013014

Abrasive marking according to ISO 525: 74A30T1 1BF1379

Shape 42



XLOCK

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

- High cutting speed
- Comfortable cutting behaviour
- Easy cutting

FT33

mm:
2,0-3,0

PROLINE

Lifetime

Cutting ability for solid material

Cutting ability for thin-walled material

FT33

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

Abrasive marking according to ISO 525: A24Q-BF20

Shape 41



FT33 X-LOCK

				Product category	GTIN/pc. EAN/pc.
125 x 2.5 x 22.23	12250	25	211287	PK02	4011890124253

Abrasive marking according to ISO 525: A24Q-BF20

Shape 41



FTK33

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

Abrasive marking according to ISO 525: A24Q-BF21

Shape 42



mm:
2,0-3,0

KSM

ALPHA LINE ●○○



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

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

- High cutting speed
- Easy cutting
- Comfortable cutting behaviour



Shape 41



Shape 42

KSM

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

Abrasive marking according to ISO 525: A24P-BF25

KSMK

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

Abrasive marking according to ISO 525: A24P-BF33

mm:
3,0-4,5

FT30

PRO LINE ●●○



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

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

- Extra reinforcement for freehand applications
- Long tool life
- High cutting speed



Shape 41

FT30

⊕	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
300 × 3.0 × 20.00	5100	25	201142	PK02	4011890005637
300 × 3.0 × 22.23	5100	25	201150	PK02	4011890005699
300 × 3.0 × 25.40	5100	25	201166	PK02	4011890005804
350 × 4.0 × 20.00	5500	10	201182	PK02	4011890005910
350 × 4.0 × 22.23	5500	10	201184	PK02	4011890005934
350 × 4.0 × 25.40	5500	10	201187	PK02	4011890005958
400 × 4.5 × 20.00	4800	10	304545	PK02	4011890128336
400 × 4.5 × 25.40	4800	10	304546	PK02	4011890128350

Abrasive marking according to ISO 525: A24P-BF511

FREEHAND CUTTING DISCS / NON-FERROUS METALS



Material:

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

Special fillers prevent disc clogging

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



FT24

mm:
2,0-2,5

TOPLINE ●●●

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

- High cutting speed
- Cool cut
- No clogging

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

FT24					
				Product category	GTIN/pc. EAN/pc.
125 x 2.0 x 22.23	12250	25	202460	PK02	4011890013267
230 x 2.5 x 22.23	6650	25	201055	PK02	4011890005255

Abrasive marking 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 marking according to ISO 525: A24P-BF34

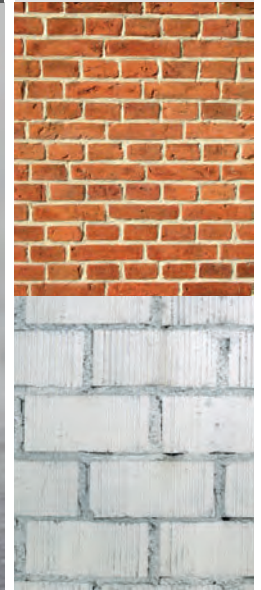
Shape 41



Shape 42



FREEHAND CUTTING DISCS / STONE



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

Material:

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

mm:

3,0

FT44

PROLINE ●●○



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

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

- High cutting speed
- Cool cut
- Easy cutting



Shape 41

FT44

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

Abrasive marking according to ISO 525: C30G-BF47

FTK44

				Product category	GTIN/pc. EAN/pc.
115 × 3.0 × 22.23	13300	25	201810	PK02	4011890009932
125 × 3.0 × 22.23	12250	25	201838	PK02	4011890010006
230 × 3.0 × 22.23	6650	25	201873	PK02	4011890010136

Abrasive marking according to ISO 525: C30Q-BF48

Shape 42



300 mm ≥ 350 mm

FT40

mm:

3,0-4,5**PRO LINE**

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

- High cutting speed
- Cool cut
- Easy cutting

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

FT40

				Product category	GTIN/pc. EAN/pc.
300 × 3.0 × 20.00	5100	25	201910	PK02	4011890010372
300 × 3.0 × 25.40	5100	25	201912	PK02	4011890010396
350 × 4.0 × 20.00	5500	10	201933	PK02	4011890010549
350 × 4.0 × 25.40	5500	10	201940	PK02	4011890010587
400 × 4.5 × 25.40	4800	10	304548	PK02	4011890128398

Abrasive marking according to ISO 525: C24R-BF610

Shape 41



STATIONARY CUTTING DISCS / STAINLESS STEEL



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

Fe/S/C
≤ 0,1% Iron and sulphur free

Material:

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

mm:

2,5-3,0

ST38

TOPLINE ●●●



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

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

- High cutting speed
- Long service life
- Easy cutting



Shape 41

ST38

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

Abrasive marking according to ISO 525: 31 A24P9-BF13083

STATIONARY CUTTING DISCS / STEEL



Material:

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

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



ST56

mm:
3,0-5,0

PROLINE ●●●

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

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

ST56

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

Abrasive marking according to ISO 525: A24R-BF564

Shape 41



mm:
2,5-3,0

ST34

ALPHA LINE ●○○



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

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

- High cutting speed
- Long service life
- Easy cutting



Shape 41

ST34

⊕	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
300 × 2.5 × 25.40	5100	10	201510	PK03	4011890008379
300 × 3.0 × 25.40	5100	10	201507	PK03	4011890008348
300 × 3.0 × 32.00	5100	10	206523	PK03	4011890057407
350 × 2.5 × 25.40	4400	10	201518	PK03	4011890008430
350 × 2.5 × 32.00	4400	10	205836	PK03	4011890054901
350 × 3.0 × 25.40	4400	10	201514	PK03	4011890008409
350 × 3.0 × 32.00	4400	10	205578	PK03	4011890053966
400 × 3.0 × 25.40	3850	10	201504	PK03	4011890008324
400 × 3.0 × 32.00	3850	10	206455	PK03	4011890056752

Abrasive marking according to ISO 525: A36N8BF348

mm:
3,0-4,0

ST21

ALPHA LINE ●○○



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

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

- Long lifetime
- Cool cut
- Easy cutting



Shape 41

ST21

⊕	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
300 × 3.0 × 22.23	6400	10	201304	PK03	4011890006900
300 × 3.0 × 25.40	6400	10	201305	PK03	4011890006917
300 × 3.0 × 32.00	6400	10	201307	PK03	4011890006931
350 × 3.5 × 25.40	5500	10	201330	PK03	4011890007075
350 × 3.5 × 32.00	5500	10	201332	PK03	4011890007099
400 × 4.0 × 25.40	4800	10	201350	PK03	4011890007167
400 × 4.0 × 32.00	4800	10	201353	PK03	4011890007198
400 × 4.0 × 40.00	4800	10	201354	PK03	4011890007204














Abrasive marking according to ISO 525: A24R-BF211

NOTES



CLEANING

CONTENTS

NON-WOVEN CLEANING TOOLS	 	046
WHEEL BRUSHES	 	054
CUP BRUSHES	 	059
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END BRUSHES	 	068
WOOD BRUSHES	 	072
HAND SCRATCH BRUSHES		074

SPECIAL TECHNOLOGIES



More information on page 240

NON-WOVEN CLEANING ABRASIVES



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

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

Material:

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



SVS HD

TOP LINE ●●●



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

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


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



SVS HD

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 22.23	10460	10	303872	PK07	4011890095867
	125 × 22.23	9630	10	303873	PK07	4011890095874


SVS HD PACK

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





**SVS****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 x 22.23	10460	10	303150	PK07	4011890057735
125 x 22.23	9630	10	303151	PK07	4011890057742

**SVS PACK**





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

**SVS MINI****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 x 13 x 6.0	12100	10	305405	PK07	4011890079263
50 x 26 x 6.0	12100	10	305406	PK07	4011890079270





SVS GS



PRO LINE ●●○

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

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



SVS GS

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



SVS PIN



PRO LINE ●●○

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

- With 6 or 8 mm shank



SVS PIN

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



SVS QUICK HD see page 143



SVSW see page 140

CLEANING

SHAPES AND APPLICATION SCENARIOS



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

Wheel brushes

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

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

Cup 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

Bevel brushes

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

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

End brushes

For manual work and universal use.

- Roughing
- De-rusting
- Cleaning

Hand scratch brushes

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)



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

Working revolutions for Ø:

■ Ø 115 mm 12500 U/min⁻¹

■ Ø 125 mm 11000 U/min⁻¹

■ Ø 150 mm 8500 U/min⁻¹

■ Ø 180 mm 8500 U/min⁻¹

* adjustable angle grinder recommended

ADVICE ON PRODUCT SELECTION



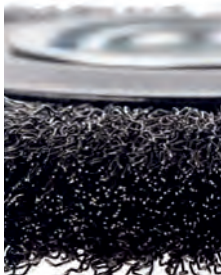
Brush diameter and fill material length

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 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.

YOUR FASTEST WAY TO THE RIGHT PRODUCT

BRUSHES

Explanation of symbols

- Stainless steel
- Steel
- Non-ferrous metals
- Wood
- corrugated
- crimped
- Grit
- Revolutions
- Wire thickness

	Round brushes						Cup brushes						Cone brushes				Brush brushes				Wood brushes				
	Solid or hollow rods, profiles, welding seams, cutting edges, toothed wheels, grooves, narrow surfaces						Large surfaces, welding seams, metal plates						Corners, edges or hard-to-reach areas and surface cleaning. Combines the advantages of cup and wheel brushes.				Hard-to-reach areas and inside surfaces				Easy de-burring				
	ERBZ	ERBW	ERBWB	SRBZ	SRBZGS	SRBWGS	SRBWB	ETBZ	ETBW	STBZ	STBZ S	STBW	STBWGS	STBWB	EKBZ	EKBW	SKBZ	SKBW	EPBZ	EPBW	SPBZ	SPBW	HRB	HTB	
Work on																									
Reference																									
Page	054	055	055	056	057	057	058	059	060	061	062	062	063	063	064	065	066	067	068	069	070	071	072	073	
Ø mm	115-125	40-60	100	115-178	75	50-60	50-100	65	65	65-100	65	60-125	70	50-75	100	100	100-115	100	20	25-30	20	17-30	75-140	75	
Quality reference	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	PRO INF	PRO INF	PRO INF	TOP INF	TOP INF	TOP INF	TOP INF	PRO INF	PRO INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	TOP INF	
Material suitability	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
Wire type																									
Ø 20 mm	•																								
Ø 26 mm						•																			
Ø 30 mm			•			•	•					•	•					•							
Ø 35 mm	•									•															
Ø 50 mm	•			•	•			•	•	•				•		•									
Material suitability																									
INOX	•	•	•	•				•	•						•	•				•	•		•	•	
ALU		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•							
WOOD																									

WHEEL BRUSHES / STAINLESS STEEL



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

Material:

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



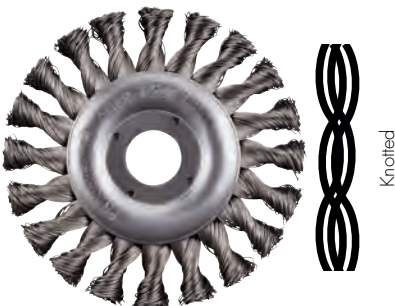
ERBZ

TOP LINE ●●●



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

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



ERBZ

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



ERBW

TOP LINE ●●●

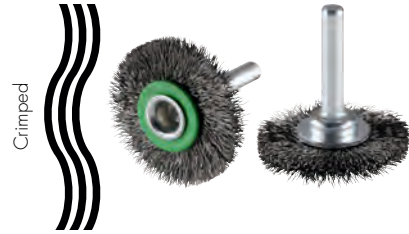


Stainless steel wheel brush with crimped stainless steel wire on a 6 mm shank.

- For flexible working
- For gentle cleaning
- Homogeneous surfaces

ERBW

					Product category	GTIN/pc. EAN/pc.
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



ERBWBM

TOP LINE ●●●

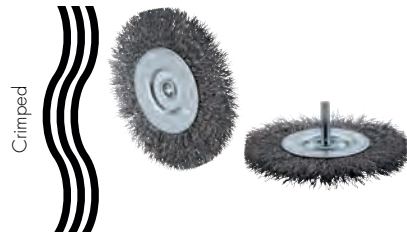


Stainless steel wheel brush with crimped stainless steel wire on a 6 mm shank for use with handheld drills.

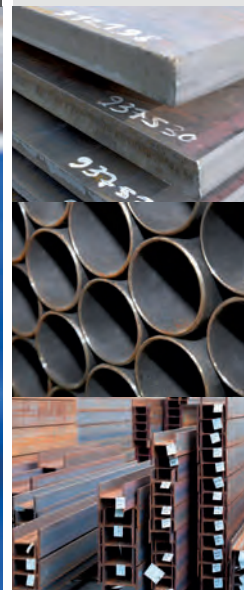
- For flexible work
- For gentle cleaning

ERBWBM

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



WHEEL BRUSHES / STEEL



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

Material:

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



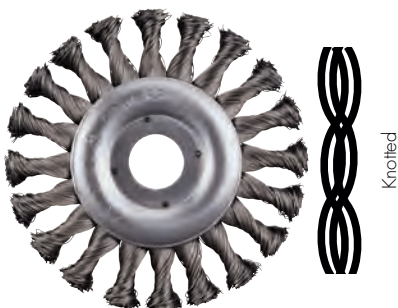
SRBZ

TOP LINE ●●●



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






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

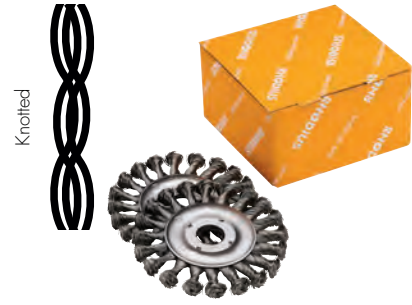


SRBZ

					Product category	GTIN/pc. EAN/pc.
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	1	353002	PK08	4011890072875
125 × 13 × 28 × 22.23	0.50 mm	12500	10	353078	PK08	4011890074770
125 × 13 × 28 × M14	0.50 mm	12500	6	353132	PK08	4011890076521
178 × 13 × 42 × 22.23	0.50 mm	12000	8	353079	PK08	4011890074787

SRBZ PACK

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



Knotted

**SRBZGS****TOPLINE** ●●●

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

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

SRBZGS

					Product category	GTIN/pc. EAN/pc.
75 × 13 × 15 × 6.0	0.50 mm	20000	12	353046	PK08	4011890073322








Knotted

**SRBWGS****TOPLINE** ●●●

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

- High max. revolutions
- For gentle cleaning

SRBWGS

					Product category	GTIN/pc. EAN/pc.
50 × 17 × 13 × 6.0	0.30 mm	15000	10	353047	PK08	4011890073339
60 × 18 × 15 × 6.0	0.20 mm	15000	10	353153	PK08	4011890084519



Crimped



SRBWBM

TOP LINE ●●●



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

- For flexible working
- For gentle cleaning



SRBWBM

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

CUP BRUSHES / STAINLESS STEEL



Material:

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

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


ETBZ
TOPLINE

 mm:
0,50

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

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

ETBZ

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



Knotted



ETBW

TOP LINE ●●●



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

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



ETBW

					Product category	GTIN/pc. EAN/pc.
60 × 21 × M14	0.30 mm	12500	1	353020	PK08	4011890073063
60 × 21 × M14	0.30 mm	12500	9	353089	PK08	4011890074886

CUP BRUSHES / STEEL



Material:

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

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



STBZ

PRO LINE ●●●○



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

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

STBZ

⊕	📦	⚙️	📦	📱	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





STBZ PACK

					Product category	GTIN/PK EAN/PK
65 × 20 × M14	0.50 mm	12500	2	304574	PK08	4011890129364
100 × 20 × M14	0.50 mm	8500	1	304025	PK08	4011890110508



STBZ S

PROLINE ●●○



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

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



STBZ S

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



STBW

PROLINE ●●○



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

- For flexible working
- For gentle cleaning



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



STBWGS

TOP LINE ●●●



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

- For flexible working
- For gentle cleaning

STBWGS

					Product category	GTIN/pc. EAN/pc.
75 × 25 × 6.0	0.30 mm	15000	10	353139	PK08	4011890076972



STBWBM

TOP LINE ●●●



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

- For flexible working
- For gentle cleaning

STBWBM

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



BEVEL BRUSHES / STAINLESS STEEL



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

Material:

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



EKBZ

TOPLINE ●●●



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

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



EKBZ

⊕	📦	⌀	📦	📄	Product category	GTIN/pc. EAN/pc.
100 × 13 × 22 × M14	0.50 mm	12500	1	353023	PK08	4011890073094



EKBW

TOP LINE ●●●



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

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

EKBW

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



BEVEL BRUSHES / STEEL



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

Material:

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



SKBZ

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.



Knotted



Knotted

SKBZ

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

SKBZ PACK

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



SKBW

PRO LINE ●●●



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

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

SKBW

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



END BRUSHES / STAINLESS STEEL



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

Material:

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



EPBZ

TOPLINE ●●●



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

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



Brush expands while machine is running



EPBZ

⊕	📦	⌚	📦	📺	Product category	GTIN/pc. EAN/pc.
20 × 29 × 6.0	0.26 mm	20000	12	353053	PK08	4011890073391



EPBW

TOP LINE ●●●



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

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

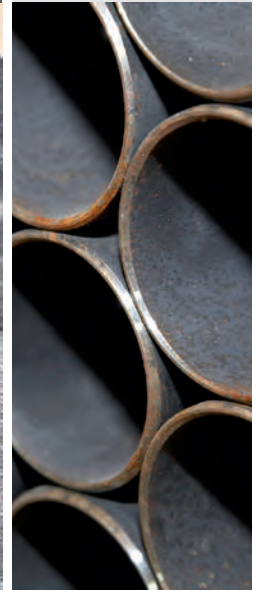
EPBW

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



Crimped

END BRUSHES / STEEL



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

Material:

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




SPBZ

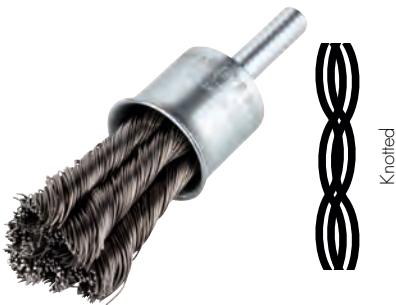
TOPLINE ●●●







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

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

 Brush expands while machine is running



SPBZ

					Product category	GTIN/pc. EAN/pc.
20 x 29 x 6.0	0.35 mm	20000	12	353052	PK08	4011890073384



SPBW

TOP LINE ●●●



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

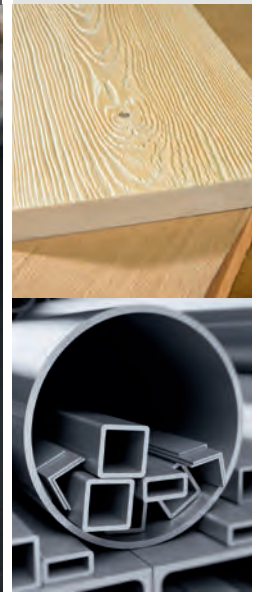
- For precision work
- Brass-plated for improved corrosion protection

SPBW

					Product category	GTIN/pc. EAN/pc.
17 × 25 × 6.0	0.30 mm	4500	12	353032	PK08	4011890073186
25 × 25 × 6.0	0.30 mm	4500	12	353033	PK08	4011890073193
30 × 35 × 6.0	0.30 mm	4500	12	353034	PK08	4011890073209



WOOD BRUSHES / NON-FERROUS METALS, WOOD, DIE-CAST ZINC, PLASTICS, PAINTED SHEET METAL



Each type of wood has its own individual structure and grain. To show this off to its best advantage, we recommend using a wire brush (e.g. SRBVVBM – see page 058) to remove the softer wood components. The surface is then smoothed with a grinding brush such as the HRB or HTB. The intensity of the finishing can be specifically influenced by the duration of processing.

Material:

- Non-ferrous metals
- Wood
- Die-cast zinc
- Plastics
- Painted sheet metal



HRB

TOPLINE ●●●








With abrasive, break-resistant non-woven fill material grinding bristles, suitable for steel, non-ferrous metals, wood and hard plastics
HRB also suitable for light deburring
HTB for efficient surface processing

- Long service life
- Uniform grinding performance due to permanent grain release
- Also suitable for structuring wood

 Brush colour red: coarse = K80 (SIC)



HRB

					Product category	GTIN/pc. EAN/pc.
75 x 10 x 16 x 6.0	coarse	4500	10	353036	PK08	4011890073223
100 x 10 x 23 x 6.0	coarse	4500	10	353038	PK08	4011890073247
140 x 55 x 30 x M14	K60	2500	1	353120	PK08	4011890075197
140 x 55 x 30 x M14	K80	2500	1	353121	PK08	4011890075203




HTB

TOP LINE ●●●



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

- Brush colour red: coarse
- Suitable for structuring wood

 Brush colour red: coarse = K80 (SIC)

HTB

					Product category	GTIN/pc. EAN/pc.
75 x 23 x 6.0	coarse	4500	10	353042	PK08	4011890073285



SRBWBM see page 058

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 scaling



EHBG

				Product category	GTIN/pc. EAN/pc.
4 rows	0.30 mm	12	353075	PK08	4011890073759

Straight



EHBW

TOP LINE ●●●



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

- For flexible work
- For gentle cleaning

EHBW

⊕	📦	📦	📱	Product category	GTIN/pc. EAN/pc.
3 rows	0.30 mm	12	353097	PK08	4011890074961
4 rows	0.30 mm	12	353098	PK08	4011890074978



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

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

UHBW

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



mm:
0,35

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

Straight

HAND SCRATCH BRUSHES / STEEL



Material:

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

For manual work and universal use.



SHBG

TOPLINE

mm: **0,35**

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

- Great cleaning performance
- To remove strong caking

SHBG

⊕	📦	📦	📱	Product category	GTIN/pc. EAN/pc.
3 rows	0.35 mm	12	353056	PK08	4011890073421
4 rows	0.35 mm	12	353057	PK08	4011890073438
5 rows	0.35 mm	12	353058	PK08	4011890073445



Straight

SHBG PACK

⊕	📦	📦	📱	Product category	GTIN/PK EAN/PK
3 rows	0.35 mm	3	303777	PK08	4011890110515



Straight



BSBG

TOP LINE ●●●



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

- Ergonomic non-slip handle
- Great cleaning performance



BSBG

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

HAND SCRATCH BRUSHES / NON-FERROUS METALS



Material:

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

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



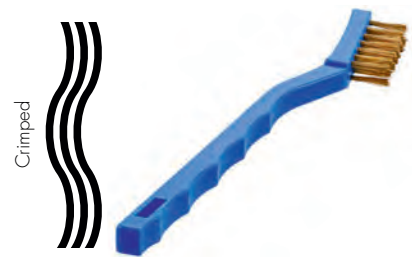
ZKB
TOPLINE ●●●

mm: **0,30**

Spark plug brush with brass wire for cleaning contact surfaces.

- Small and practical
- Careful cleaning of contact surfaces

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





GRINDING

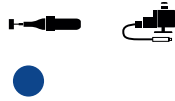
CONTENTS

GRINDING DISCS



084

GRINDING WHEELS



095

HIGHLIGHTS



RS680 SPEED

- High-performance ceramic grinding disc with new innovative bond technology for maximum cutting performance.
- Particularly comfortable and low-fatigue grinding
- Highest cutting performance

Page 084



RS580 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 085







SPECIAL TECHNOLOGIES



More information on page 240

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 stock removal for a disc.			Grinding discs										Cup wheels												
			Reference	Page	Ø mm	Quality level	Hardness/lifetime	Machine performance see page 010	Applications	Material	RS680 SPEED	RS580 EXTENDED	RS480	FS1 FUSION	RS38	RS28	RS50 LONGLIFE	RS67	RS2	RS22	KSM	RS24	RS66	RS69 MULTI	SR15
Stainless steel	Edge	weak	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
		strong	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Stainless steel	Surface	weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		strong	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Stainless steel	Fillet weld	all	○	○	● ¹⁾	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Steel	Edge	weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		strong	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Steel	Surface	weak	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		strong	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Steel	Fillet weld	all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		all	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Refined-grain construction steel	Universal	weak																							
		strong																							
Aluminium	Universal	all																		●	○	●			
Bronze, brass	Universal	all																		●	●	●			
Titanium	Universal	all																			●	●			
Cast iron	Universal	all	○	○	●										●						●	●	*	*	
Concrete (universal)/granite	Universal	all																			○	○			
Building materials	Universal	all																			○	○			
Abrasive materials/floor pavement	Universal	all																			○	○			
X-LOCK																									

* For metal penetration



For high-frequency and air grinders, please ensure you use the RS22, RS50, RS66, RS480 and RS580 only, with additional safety reinforcement.

GRINDING DISCS

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

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

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

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

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

We recommend the use of flap discs for more comfortable surface grinding. You will find these from page 104 onwards.

TYPICAL APPLICATIONS

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

ADVANTAGES OF THE SPECIAL TOP LAYER

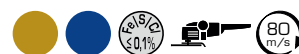
- Almost no edge cracks
- Circular, low-vibration running
- Uniform wear



MORE COMFORTABLE VERY QUICK GRINDING

mm:
7,0

RS680 SPEED



TOPLINE ●●●

- Lifetime
- Stock removal
- Hardness

High-performance ceramic grinding disc with new, innovative bonding technology for maximum cutting performance

- High stock removal performance
- Particularly comfortable and fatigue-free grinding thanks to a new type of bonding system
- Additional fabric flange from 180 mm diameter for use on high-frequency and compressed-air angle grinders



RS680 SPEED

Shape 27

				Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	212879	PK04	4011890132616
125 × 7.0 × 22.23	12250	25	212848	PK04	4011890132517
180 × 7.0 × 22.23	8500	10	212897	PK04	4011890132814
230 × 7.0 × 22.23	6650	10	212898	PK04	4011890132821

Abrasive marking according to ISO 525: 95A20T9BF14149



RS680 SPEED IN ACTION:

Watch video now on our
Youtube channel.
[https://rhodi.us/
en_watch-rs680](https://rhodi.us/en_watch-rs680)

TIME-EFFICIENT GRINDING WITH HIGH STOCK REMOVAL PERFORMANCE



RS580 EXTENDED

mm:
7,0

TOPLINE ●●●

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

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

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

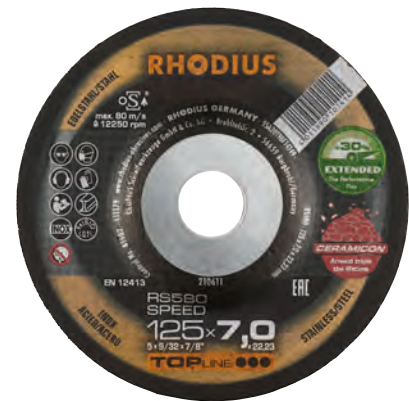
Shape 27



RS580 EXTENDED

⊕	⊖/min	📦	🖥️	Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	210656	PK04	4011890101889
125 × 7.0 × 22.23	12250	25	210611	PK04	4011890101414
150 × 7.0 × 22.23	10200	10	210657	PK04	4011890101919
180 × 7.0 × 22.23	8500	10	210658	PK04	4011890101933
230 × 7.0 × 22.23	6650	10	210659	PK04	4011890101957

Abrasive marking according to ISO 525: 95A20T9BF14149



**RS580 EXTENDED
IN ACTION:**

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

GRINDING DISCS / STAINLESS STEEL



Iron and sulphur free

Material:

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

mm:
4,0-7,0

RS480

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

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



Shape Z7

RS480

⊕	U/min	📦	💻	Product category	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23	13300	25	210238	PK04	4011890096444
125 × 7.0 × 22.23	12250	25	210239	PK04	4011890096451
180 × 7.0 × 22.23	8500	10	210240	PK04	4011890096468
230 × 7.0 × 22.23	6650	10	210241	PK04	4011890096475

Abrasive marking according to ISO 525: 78A24A10BF13778

RS480 PIPELINE EXTENDED

				Product category	GTIN/pc. EAN/pc.
115 x 4.0 x 22.23	13300	25	212086	PK04	4011890129104
125 x 4.0 x 22.23	12250	25	212087	PK04	4011890129128
180 x 4.0 x 22.23	8500	10	212084	PK04	4011890129166

Abrasive marking according to ISO 525: 78A24A10BF13778

Shape 27



FS1 FUSION

TOPLINE ●●●



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



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

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

FS1 FUSION

					Product category	GTIN/pc. EAN/pc.
100 x 4.0 x 16.0	40	15280	10	209092	PK04	4011890076828
100 x 4.0 x 16.0	60	15280	10	209093	PK04	4011890076835
100 x 4.0 x 16.0	80	15280	10	209094	PK04	4011890076842
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
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

Shape 27



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

mm:
4,0-7,0

RS38

PROLINE ●●●

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

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

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

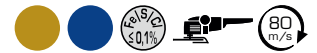


Shape Z7

RS38

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 22.23	13300	25	200432	PK04	4011890002391
	125 × 4.0 × 22.23	12250	25	205681	PK04	4011890054130
	125 × 7.0 × 22.23	12250	25	200451	PK04	4011890002445
	150 × 7.0 × 22.23	10200	10	205714	PK04	40118900049532
	180 × 7.0 × 22.23	8500	10	200442	PK04	4011890002421
	230 × 7.0 × 22.23	6650	10	200466	PK04	4011890002506

Abrasive marking according to ISO 525: A24S8BF1339



mm:
7,0

RS28

ALPHALINE ●○○

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

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

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

i Ideal for low-power machines



Shape Z7

RS28

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

Abrasive marking according to ISO 525: 30A24P9BF11718

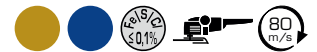


Shape Z7

RS28 PACK

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 22.23	13300	5	212091	PK04	4011890129371
	125 × 7.0 × 22.23	12250	5	212094	PK04	4011890129401

Abrasive marking according to ISO 525: 30A24P9BF11718



GRINDING DISCS / STEEL



Material:

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



RS50 LONGLIFE

mm:
7,0

TOPLINE ●●●

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

- Ideal for powerful work on steel and cast-iron
- Additional fabric flange from 180 mm diameter for use on high-frequency and compressed-air angle grinders

i Specifically suitable for edge grinding



RS50 LONGLIFE

⊕	V _{min}	📦	📱	Product category	GTIN/pc. EAN/pc.
115 x 7.0 x 22.23	13300	25	210053	PK04	4011890094907
125 x 7.0 x 22.23	12250	25	209797	PK04	4011890093948
180 x 7.0 x 22.23	8500	10	210055	PK04	4011890094945
230 x 7.0 x 22.23	6650	10	210056	PK04	4011890094969

Abrasive marking according to ISO 525: 73AC24R9BF13585

Shape 27



mm:
7,0

RS67

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

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

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



Shape 27

RS67

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

Abrasive marking according to ISO 525: 74A24S6BF1412

mm:
4,0-10,0

RS2

PRO LINE ●●○



- Lifetime
- Stock removal
- Hardness

Versatile 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

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



Shape 27

RS2

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

Abrasive marking according to ISO 525: A30P8BF153



Shape 27

RS2 X-LOCK

	⊕	V/min	📦	💻	Product category	GTIN/pc. EAN/pc.
	125 × 6.0 × 22.23	12250	10	211782	PK04	4011890128190

Abrasive marking according to ISO 525: A30P8BF153

RS2 PIPELINE

				Product category	GTIN/pc. EAN/pc.
115 x 4.0 x 22.23	13300	25	200172	PK04	4011890001080
125 x 4.0 x 22.23	12250	25	200208	PK04	4011890001219
150 x 4.0 x 22.23	10200	25	205678	PK04	4011890054123
180 x 4.0 x 22.23	8500	10	200246	PK04	4011890001431

Abrasive marking according to ISO 525: A30P8BF153

Shape 27



RS22

PROLINE

mm:
8,0

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

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

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

Especially for high-frequency machines

RS22

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

Abrasive marking according to ISO 525: A30P8-BF153

Shape 27



KSM

ALPHALINE

mm:
7,0

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

KSM

				Product category	GTIN/pc. EAN/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 marking according to ISO 525: A24Q-BF32

Shape 27

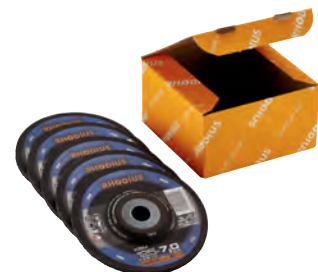


KSM PACK

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

Abrasive marking according to ISO 525: A24Q-BF32

Shape 27



GRINDING DISCS / NON-FERROUS METALS



Special fillers prevent disc clogging

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

Material:

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

mm:

7,0

RS24

TOPLINE ●●●



- Lifetime
- Stock removal
- Hardness

Improved grinding wheel with unique combination of abrasive grains and binder prevents clogging of the wheel and ensures efficient and continuous grinding.

- Increased cutting performance
- Optimised chip removal – hardly any clogging
- Minimum material heating

i Especially suitable for machining aluminum, aluminum alloys, brass and bronze as well as other lubricating non-ferrous metals.



Shape 27

RS24

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	100 x 7.0 x 16.00	15300	25	209091	PK04	4011890076811
	115 x 7.0 x 22.23	13300	25	200349	PK04	4011890001929
	125 x 7.0 x 22.23	12250	25	200364	PK04	4011890001967
	180 x 7.0 x 22.23	8500	10	200357	PK04	4011890002001
	230 x 7.0 x 22.23	6650	10	200377	PK04	4011890002070

Abrasive marking according to ISO 525: A24N-BF28

GRINDING DISC / STONE



Material:

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

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



RS66

TOPLINE

mm:
7,0-8,0

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
- Additional flange fabric from 180 mm for high-frequency and pneumatic angle grinders

RS66

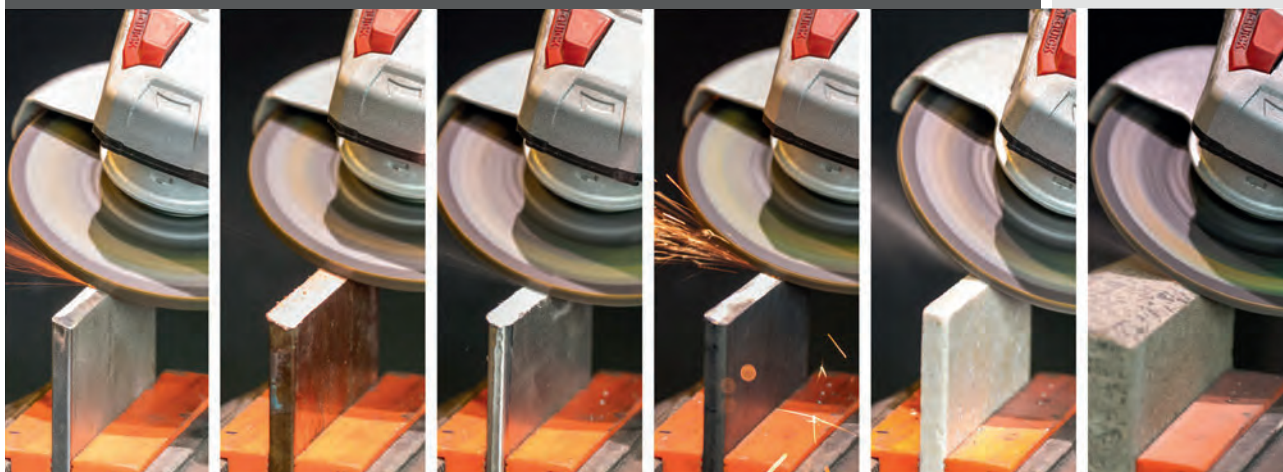
⊕	1/min	📦	📱	Product category	GTIN/pc. EAN/pc.
115 x 7.0 x 22.23	13300	25	200386	PK04	4011890002124
125 x 7.0 x 22.23	12250	25	200393	PK04	4011890002162
180 x 7.0 x 22.23	8500	10	200403	PK04	4011890002209
230 x 7.0 x 22.23	6650	10	200413	PK04	4011890002247
230 x 8.0 x 22.23	6650	10	200419	PK04	4011890002261

Abrasive marking according to ISO 525: C24PF29

Shape 27



GRINDING DISC / ALLCUT



mm:

7,0

RS69 MULTI

PRO LINE ●●●



- Lifetime
- Stock removal
- Hardness

Universal grinding disc for particularly high quality requirements in industry and trade. Versatile in use – process a wide range of materials with just one disc: whether stainless steel, steel, aluminium or stone.

- Suitable for a wide range of materials
- Pleasant grinding behaviour
- Good chip removal



i Ideal for low-drive machines. Do NOT switch between mild steel and stainless steel when machining



Shape 27

RS69

	⊕	⊖/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 22.23	13300	25	212880	PK04	4011890132630
	115 × 7.0 × 22.23	12250	25	212851	PK04	4011890132531

Abrasive marking according to ISO 525: C24PBF29

GRINDING WHEELS / STEEL



Material:

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



SR15

mm:
6,0

PROLINE ●●●○

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

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

- High stock removal performance
- Long lifetime
- Few sparks

i Use with ASB XT mandrel, see page O18.
Observe max. revolutions of the mandrels.

SR 15

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

Abrasive marking according to ISO 525: A24Q-BF16























Shape 1





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

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VSK VISION

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

Page 107

SPECIAL TECHNOLOGIES



More information on page 240



More information on page 244



More information on page 242



More information on page 238

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

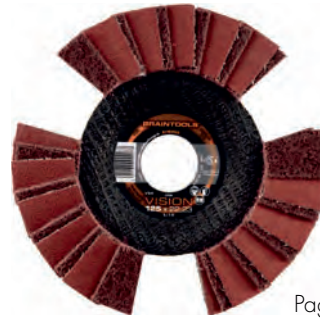
1 Preparation

– 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 107

2 Pre-polishing and finishing

– Create optimal surface treatment quality

Unitised discs: VKSG

Optimum revolutions 3600–4000 rpm

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 VKSG is suitable for long-term usage and is the perfect pre-polishing step.



Page 162

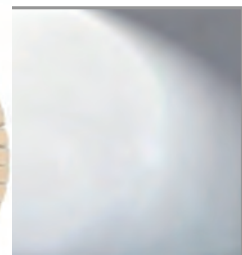
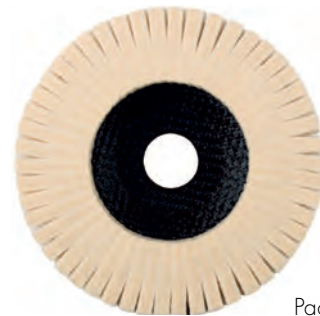
3 High-gloss polishing

– 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 164



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	

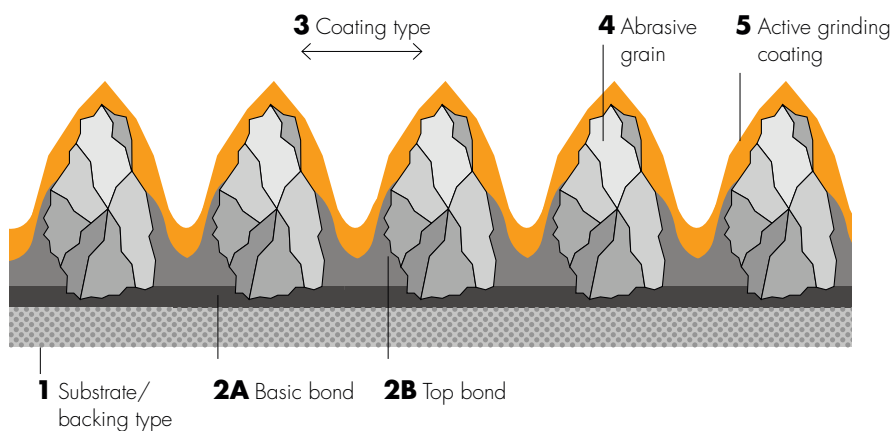


As a general rule, we recommend using a variable angle polisher for steps 1 to 3, so as to achieve optimum working results.

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.

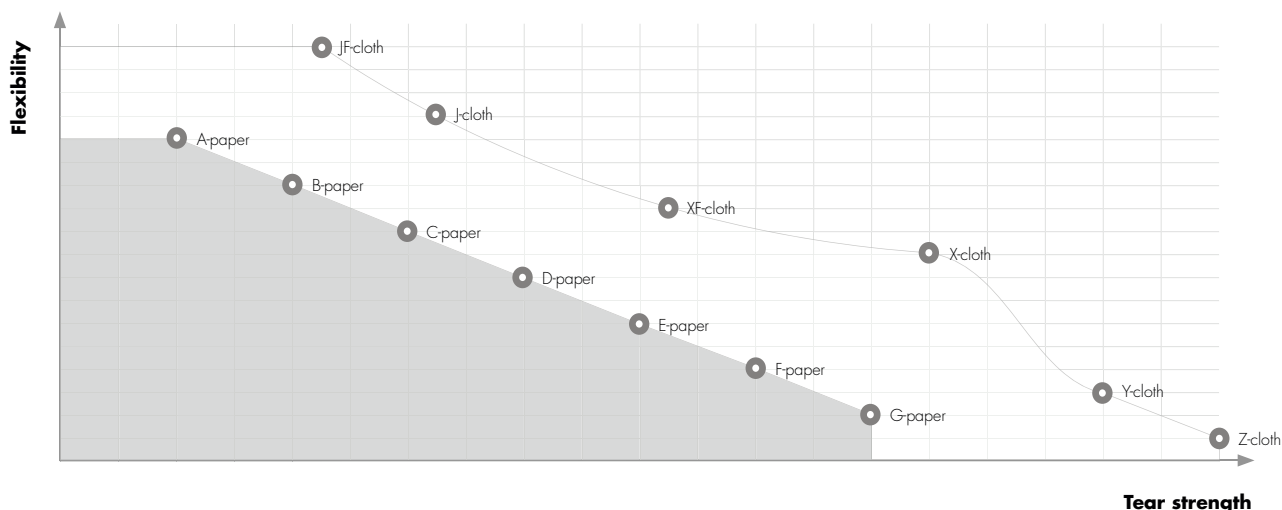
Cloth (cotton, polyester and polycotton)

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.

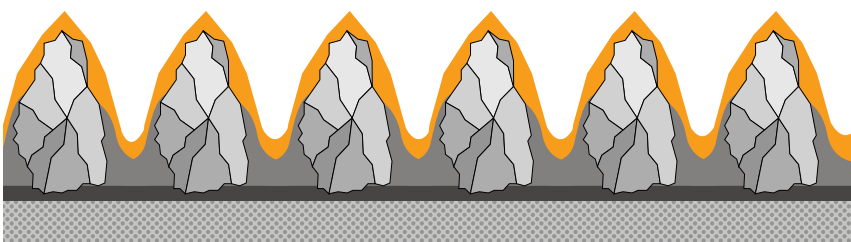
Coating type

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.

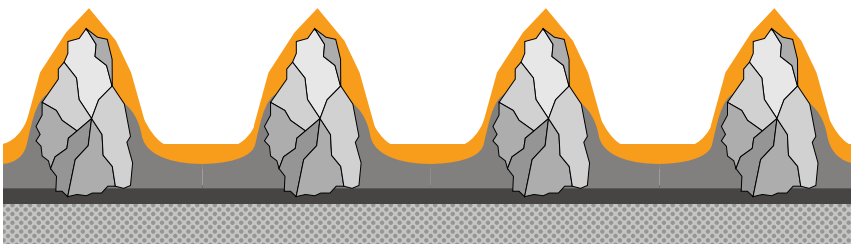
As a rule of thumb:

Closed coated = grinding for surface finishing

Open coated = grinding for material abrasion



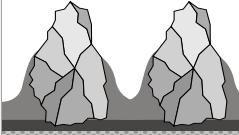
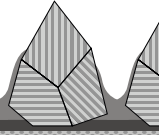
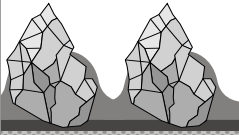
Closed coating



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

5 Active grinding coating: more powerful layer for layer

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

BETTER PERSPECTIVE WHEN GRINDING QUICKLY



VISION SPEED



- Lifetime
- Stock removal

Thanks to its cut-outs, the VISION SPEED is transparent while grinding. 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

Typical applications:

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

VISION SPEED

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

VISION SPEED X-LOCK

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



VISION SPEED IN ACTION:

Watch video now on our Youtube channel.
https://rhodi.us/gb_watch-visions



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 ●●●●○

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

- Unobstructed view on the workpiece
- Controlled material abrasion
- Cool grinding for less tarnish colours
- Particularly suitable for use on stainless steel



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://rhodi.us/
gb_watch-visionc](https://rhodi.us/gb_watch-visionc)

BETTER PERSPECTIVE ESPECIALLY FOR STEEL APPLICATIONS



VISION PRO

PRO LINE ●●●



- Lifetime
- Stock removal

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

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



VISION PRO



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

VISION PRO PACK



⊕	Grid	mm	Box	PC	Product category	GTIN/PK EAN/PK
115 × 22.23	40	13300	5	211306	PK05	4011890124390
115 × 22.23	60	13300	5	211307	PK05	4011890124406
115 × 22.23	80	13300	5	211308	PK05	4011890124413
125 × 22.23	40	12250	5	211303	PK05	4011890124369
125 × 22.23	60	12250	5	211304	PK05	4011890124376
125 × 22.23	80	12250	5	211305	PK05	4011890124383



VISION PRO IN ACTION:

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



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



...better surface quality...



...and controlled material
abrasion

BETTER PERSPECTIVE AND FINISH IN ONE OPERATION



VSK VISION

TOP LINE ●●●

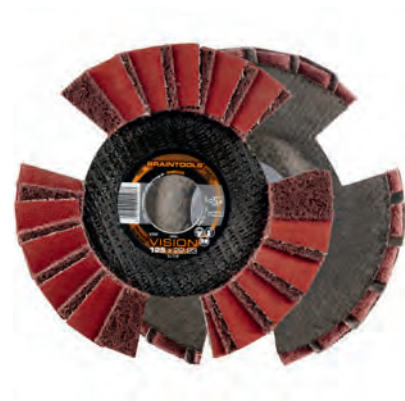
Lifetime ●●●○○○
Stock removal ●●○○○○

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

Optimum revolutions: 3000–3500 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
- Structural 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

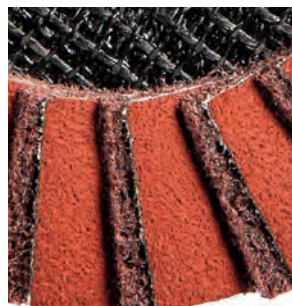


VSK VISION

					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:**

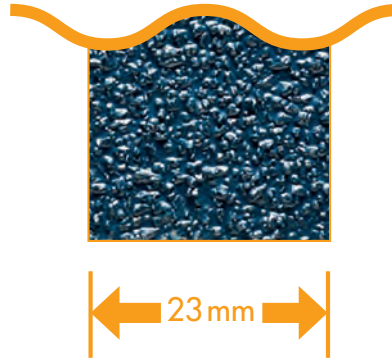
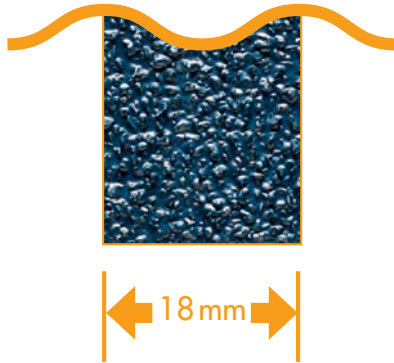
Watch video now on our
Youtube channel.
[https://rhodi.us/
gb_watch-vskvision](https://rhodi.us/gb_watch-vskvision)

JUMBO FLAP DISCS / STAINLESS STEEL



Conventional flap*:

JUMBO flap*:



* indications valid for discs with a diameter of 125 mm

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

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

Material:

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



JUMBO SPEED EXTENDED



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.








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

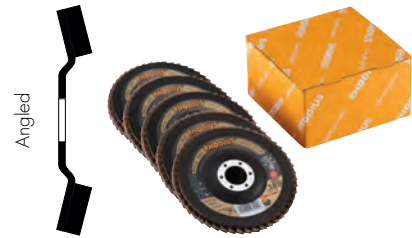


JUMBO SPEED EXTENDED

⊕	▣	v _{min}	📦	💻	Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	208743	PK05	4011890072097
115 x 22.23	60	13300	10	208744	PK05	4011890072110
115 x 22.23	80	13300	10	208745	PK05	4011890072134
125 x 22.23	40	12250	10	208746	PK05	4011890072158
125 x 22.23	60	12250	10	208747	PK05	4011890072172
125 x 22.23	80	12250	10	208748	PK05	4011890072196
150 x 22.23	40	10200	10	303919	PK05	4011890098486
180 x 22.23	40	8500	10	209812	PK05	4011890094105






JUMBO SPEED PACK

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



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 SPEED P X-LOCK

					Product category	GTIN/pc. EAN/pc.
125 x 22.23	40	12250	10	211398	PK05	4011890125496
125 x 22.23	60	12250	10	211399	PK05	4011890125519
125 x 22.23	80	12250	10	211400	PK05	4011890125533

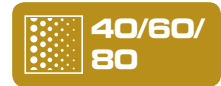


Angled



JUMBO LONGLIFE EXTENDED

TOPLINE ●●●







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

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

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

i Jumbo Longlife Trim is equipped with a special carrier that has a structured trimmable edge to allow full use to the end. The trimmable back is also suitable for sanding fillet welds

JUMBO LONGLIFE EXTENDED

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



Angled

JUMBO LONGLIFE TRIM

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



Angled | 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



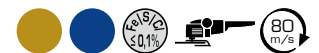
Iron and sulphur free



- 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.

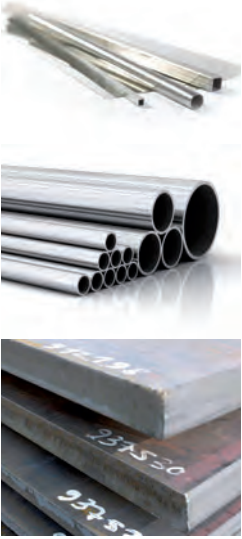
- High stock removal performance through ceramic grain
- Optimised for fillet weld work
- Optimal price-performance ratio



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	

FLAP DISCS / STAINLESS STEEL



Material:

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

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.



Iron and sulphur free



LSZ F EXTENDED

TOP LINE ●●●



Lifetime ●●●●○
Stock removal ●●●●○



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

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

LSZ F EXTENDED

⊕	Grid	W/min	Box	PC	Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	205505	PK05	4011890053454
115 x 22.23	60	13300	10	205506	PK05	4011890053461
115 x 22.23	80	13300	10	205507	PK05	4011890053478
125 x 22.23	40	12250	10	205508	PK05	4011890053485
125 x 22.23	60	12250	10	205509	PK05	4011890053492
125 x 22.23	80	12250	10	205510	PK05	4011890053508
150 x 22.23	40	10200	10	303707	PK05	4011890084427
150 x 22.23	60	10200	10	303708	PK05	4011890084441
150 x 22.23	80	10200	10	303709	PK05	4011890084465





Straight

LGZ F

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



LSZ F1

PROLINE ●●○

- Lifetime
- Stock removal

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



X-LOCK™



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

i The backing of the LSZ P1 Trim flap disc can be trimmed easily thanks to its special profiling. This allows the flaps to be used completely until the end. This significantly increases the lifetime of the flap disc. Due to the trimable backing and the resulting flap projection, it is also particularly suitable for grinding fillet welds.



Angled

LSZ F1

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








Straight

LGZ F1

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






LSZ F1 X-LOCK

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



Angled






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



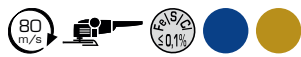
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LSZ P1 TRIM

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	212779	PK05	4011890132173
115 x 22.23	60	13300	10	212780	PK05	4011890132197
115 x 22.23	80	13300	10	212781	PK05	4011890132210
125 x 22.23	40	12250	10	212782	PK05	4011890132234
125 x 22.23	60	12250	10	212783	PK05	4011890132258
125 x 22.23	80	12250	10	212784	PK05	4011890132272



Angled | Straight



LSZ F2
ALPHA LINE ●○○






**40/60/
80**

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

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

Lifetime ●●●○○○
Stock removal ●●●○○○

LSZ F2

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



Angled



Angled



Straight

LSZ F2 BOX

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

LGZ F2

						Product category	GTIN/pc. EAN/pc.
125 x 22.23		40	12250	10	209494	PK05	4011890089934
125 x 22.23		60	12250	10	209495	PK05	4011890089941
125 x 22.23		80	12250	10	209496	PK05	4011890089958
180 x 22.23		40	8500	10	209507	PK05	4011890090091
180 x 22.23		60	8500	10	209508	PK05	4011890090107
180 x 22.23		80	8500	10	209668	PK05	4011890091944



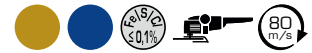
LSZ F3

ALPHA LINE ●○○

- Lifetime
- Stock removal

An attractively-priced flap disc with Zirconium.

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



Angled

LSZ F3

						Product category	GTIN/pc. EAN/pc.
100 x 16.00		40	15300	10	212044	PK05	4011890129029
115 x 22.23		40	13300	10	210479	PK05	4011890099599
115 x 22.23		60	13300	10	210480	PK05	4011890099605
115 x 22.23		80	13300	10	210481	PK05	4011890099612
115 x 22.23		120	13300	10	211517	PK05	4011890126585
125 x 22.23		40	12250	10	210482	PK05	4011890099629
125 x 22.23		60	12250	10	210483	PK05	4011890099636
125 x 22.23		80	12250	10	210484	PK05	4011890099650
125 x 22.23		120	12250	10	211518	PK05	4011890126608
150 x 22.23		40	10200	10	211692	PK05	4011890127476
150 x 22.23		60	10200	10	211693	PK05	4011890127490
150 x 22.23		80	10200	10	211694	PK05	4011890127513
180 x 22.23		40	8500	10	211420	PK05	4011890125939
180 x 22.23		60	8500	10	211421	PK05	4011890125953
180 x 22.23		80	8500	10	211422	PK05	4011890125977







Angled

LSZ F3 PACK






						Product category	GTIN/pc. EAN/pc.
115 x 22.23		40	13285	5	212096	PK05	4011890129302
115 x 22.23		60	13285	5	212097	PK05	4011890129319
115 x 22.23		80	13285	5	212098	PK05	4011890129326
125 x 22.23		40	12200	5	212101	PK05	4011890129333
125 x 22.23		60	12200	5	212099	PK05	4011890129340
125 x 22.23		80	12200	5	212100	PK05	4011890129357

LGZ F3

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	210591	PK05	4011890100455
115 x 22.23	60	13300	10	210592	PK05	4011890100462
115 x 22.23	80	13300	10	210593	PK05	4011890100479
115 x 22.23	120	13300	10	210598	PK05	4011890100554
125 x 22.23	40	12250	10	210697	PK05	4011890109892
125 x 22.23	60	12250	10	210698	PK05	4011890109915
125 x 22.23	80	12250	10	210699	PK05	4011890109939

Straight

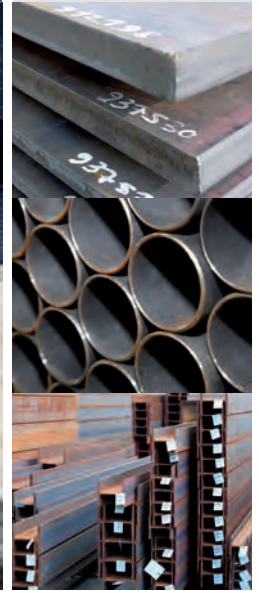
**LGZ P3**

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	40	13300	10	211413	PK05	4011890125793
115 x 22.23	60	13300	10	211414	PK05	4011890125816
115 x 22.23	80	13300	10	211415	PK05	4011890125830
115 x 22.23	120	13300	10	211416	PK05	4011890125854
125 x 22.23	40	12250	10	211417	PK05	4011890125878
125 x 22.23	60	12250	10	211418	PK05	4011890125892
125 x 22.23	80	12250	10	211419	PK05	4011890125915

Straight



FLAP DISCS / STEEL



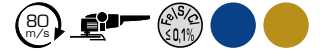
Material:

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



LSZ FB

TOPLINE ●●●



- Lifetime
- Stock removal

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

- Long lifetime
- Excellent stock removal performance on black steel and good performance on stainless steel
- Wear-resistant fibre glass backing



LSZ FB

						Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	211327	PK05	4011890124635	
115 × 22.23	60	13300	10	211328	PK05	4011890124659	
115 × 22.23	80	13300	10	211329	PK05	4011890124673	
115 × 22.23	120	13300	10	211330	PK05	4011890124697	
125 × 22.23	40	12250	10	211331	PK05	4011890124710	
125 × 22.23	60	12250	10	211332	PK05	4011890124734	
125 × 22.23	80	12250	10	211333	PK05	4011890124758	
150 × 22.23	40	10200	10	211689	PK05	4011890127414	
150 × 22.23	60	10200	10	211690	PK05	4011890127438	
150 × 22.23	80	10200	10	211691	PK05	4011890127452	
180 × 22.23	40	8500	10	211423	PK05	4011890125991	
180 × 22.23	60	8500	10	211424	PK05	4011890126011	
180 × 22.23	80	8500	10	211425	PK05	4011890126035	
180 × 22.23	120	8500	10	212269	PK05	4011890129883	



LSA F1

PRO LINE ●●●○



Lifetime ●●○○○○
Stock removal ●●●○○○

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

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

LSA F1

					Product category	GTIN/pc. EAN/pc.
115 × 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



FLAP DISCS NON-FERROUS METALS



The special coating prevents the disc from clogging.

i Aluminium dust is very fine: even with extraction, it can still accumulate in the angle grinder and destroy it. Air grinders are less sensitive to dust. If you are grinding aluminium with an electrical angle grinder you can cut dust generation in half by using a aluminium flap disc. Clean the angle grinder with compressed air after each operation. Extraction is mandatory in closed rooms since aluminium dust with high concentration may cause explosions.



40/60

LGA ALU

TOP LINE ●●●



●●●●○ Lifetime
●●●●○ Stock removal

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

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



Straight



Straight

LGA ALU

⊕	Grid	Grain	Box	PC	Product category	GTIN/pc. EAN/pc.
115 × 22.23	40	13300	10	210473	PK05	4011890099667
115 × 22.23	60	13300	10	210474	PK05	4011890099681
125 × 22.23	40	12250	10	210475	PK05	4011890099575
125 × 22.23	60	12250	10	210476	PK05	4011890099704

LGA ALU PACK

⊕	Grid	Grain	Box	PC	Product category	GTIN/PK EAN/PK
125 × 22.23	40	12250	5	211314	PK05	4011890124451
125 × 22.23	60	12250	5	211315	PK05	4011890124468

NON-WOVEN FLAP DISCS



Material:

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

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

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



VSK F

TOPLINE ●●●



Lifetime ●●●●○
Stock removal ●●○○○○

Thanks to the unique combination of two important product properties, the VSK VISION delivers major advantages for the surface finishing of stainless steel. It combines an alternating abrasive cloth and non-woven abrasive on one disc. This makes decorative surface finishing (non-woven abrasive) possible with simultaneous material abrasion (abrasive cloth) – saving the operator an entire process step.
Optimum revolutions: 3,000–3,500 rpm

- Grinding and finishing in one operation
- Fine surface finish

VSK F

⊕	▣	⊖	📦	📱	Product category	GTIN/pc. EAN/pc.
115 × 22.23	A80	13300	10	353296	PK07	4011890125205
125 × 22.23	A60	12250	10	353297	PK07	4011890125168
125 × 22.23	A80	12250	10	304146	PK07	4011890113417
125 × 22.23	A150	12250	10	353298	PK07	4011890125182





coarse/
medium/
fine

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 backing

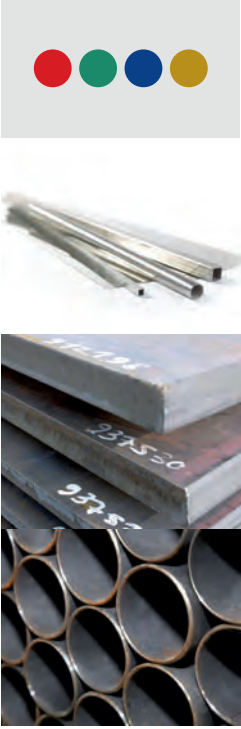
 Reduce revolutions!



VLS

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

FIBRE DISCS



Material:

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

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

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



KFX SPEED

TOPLINE ●●●



Ceramic grain fibre disc – geometrically shaped ceramic abrasive grain achieves outstanding removal performance thanks to its optimal coating and significantly extends service life.

- Aggressive cut
- Significantly increased service life
- Maximum material removal

i Use only on compatible support plates RH TURBO, RH ST and RH SPEED – see pages 125/126

KFX SPEED

⊕	Grid	W/min	Box	PC	Product category	GTIN/pc. EAN/pc.
115 x 22.23	36+	13300	25	333685	PK06	4011890132296
125 x 22.23	36+	12250	25	333686	PK06	4011890132302
150 x 22.23	36+	10200	25	333687	PK06	4011890132319
180 x 22.23	36+	8500	25	333688	PK06	4011890132326



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
- Noticeable faster stock removal
- Long lifetime



i For use only on matching RH TURBO and RH ST backing pads – see page 126/126



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
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



KFX

					Product category	GTIN/pc. EAN/pc.
115 x 22.23	24	13300	25	307107	PK06	4011890130988
115 x 22.23	36	13300	25	307093	PK06	4011890130414
115 x 22.23	60	13300	25	307092	PK06	4011890130391
115 x 22.23	80	13300	25	307094	PK06	4011890130384
125 x 22.23	24	12250	25	304633	PK06	4011890130940
125 x 22.23	36	12250	25	304600	PK06	4011890130179
125 x 22.23	60	12250	25	307096	PK06	4011890130377
125 x 22.23	80	12250	25	307095	PK06	4011890130407
180 x 22.23	24	8500	25	304634	PK06	4011890130957
180 x 22.23	36	8500	25	307099	PK06	4011890130896



KFZ

TOP LINE ●●●



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

- Excellent stock removal performance
- Long lifetime

i For use only on matching RH TURBO and RH ST backing pads – see page 126/126

KFZ

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



KFS

PRO LINE ●●○



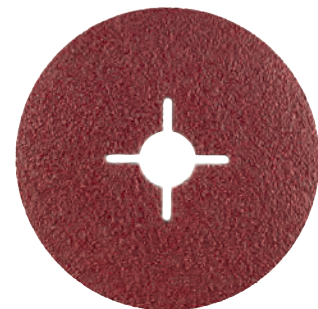
Aluminium oxide fibre disc – the grain enables superior stock removal performance on steel.

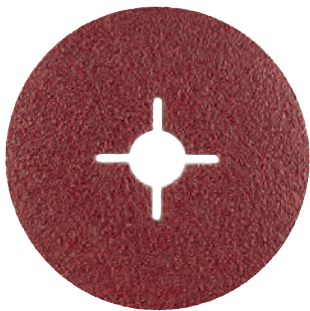
- Good stock removal performance
- Long lifetime
- Few sparks

i For use only on matching RH TURBO and RH ST backing pads – see page 126/126

KFS

⊕	Grid	ω/min	Box	PC	Product category	GTIN/pc. EAN/pc.
100 × 16.00	16	15300	25	304284	PK06	4011890083130
100 × 16.00	36	15300	25	304286	PK06	4011890083154
100 × 16.00	60	15300	25	304288	PK06	4011890083178
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





KFS

						Product category	GTIN/pc. EAN/pc.
115 x 22.23		60	13300	25	300006	PK06	4011890020852
115 x 22.23		80	13300	25	300007	PK06	4011890020869
115 x 22.23		100	13300	25	300008	PK06	4011890020876
115 x 22.23		120	13300	25	300009	PK06	4011890020883
125 x 22.23		16	12250	25	300057	PK06	4011890021262
125 x 22.23		24	12250	25	300058	PK06	4011890021279
125 x 22.23		36	12250	25	300059	PK06	4011890021286
125 x 22.23		40	12250	25	300060	PK06	4011890021293
125 x 22.23		60	12250	25	300062	PK06	4011890021316
125 x 22.23		80	12250	25	300063	PK06	4011890021323
125 x 22.23		100	12250	25	300064	PK06	4011890021330
125 x 22.23		120	12250	25	300065	PK06	4011890021347
150 x 22.23		36	10200	25	305540	PK06	4011890085653
150 x 22.23		40	10200	25	305541	PK06	4011890085660
150 x 22.23		60	10200	25	305542	PK06	4011890085677
150 x 22.23		80	10200	25	305543	PK06	4011890085684
180 x 22.23		16	8500	25	300127	PK06	4011890021828
180 x 22.23		24	8500	25	300128	PK06	4011890021835
180 x 22.23		36	8500	25	300129	PK06	4011890021842
180 x 22.23		40	8500	25	300130	PK06	4011890021859
180 x 22.23		60	8500	25	300132	PK06	4011890021873
180 x 22.23		80	8500	25	300133	PK06	4011890021880
180 x 22.23		120	8500	25	300135	PK06	4011890021903



KFS ALU

						Product category	GTIN/pc. EAN/pc.
115 x 22.23		36	13300	25	304613	PK06	4011890130551
115 x 22.23		40	13300	25	304614	PK06	4011890130544
115 x 22.23		60	13300	25	304615	PK06	4011890130537
115 x 22.23		80	13300	25	304616	PK06	4011890130520
115 x 22.23		120	13300	25	304617	PK06	4011890130469
125 x 22.23		36	12250	25	304618	PK06	4011890130476
125 x 22.23		40	12250	25	304619	PK06	4011890130490
125 x 22.23		60	12250	25	304620	PK06	4011890130483
125 x 22.23		80	12250	25	304621	PK06	4011890130506
125 x 22.23		120	12250	25	304622	PK06	4011890130513



SFA

PROLINE ●●○



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

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

For use only on matching RH TURBO and RH ST backing pads – see page 126/126



SFA

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



SFC

PROLINE ●●○



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

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

For use only on matching RH ST backing pad – see page 126

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 SPEED

TOPLINE ●●●



Backing pad for fibre discs – the glass fibre reinforced cooling fins ensure that the heat generated during grinding is reduced. A cooler grinding process leads to a longer lifetime for the abrasive. This enables a noticeable increase in performance and maximum material abrasion.

- More aggressive working
- Cooler grind
- Especially suitable for KFX Speed

RH SPEED

				Product category	GTIN/pc. EAN/pc.
115 × 5/8"	13300	10	333683	PK06	4011890132333
115 × M14	13300	10	333679	PK06	4011890132418
125 × M14	12250	10	333680	PK06	4011890132432
150 × M14	10200	10	333681	PK06	4011890132395
180 × 5/8"	8500	10	333684	PK06	4011890132371
180 × M14	8500	10	333682	PK06	4011890132357





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



Backing pad

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



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



Backing pad

RHST

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

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 help you.

Abrasive belt dimensions in mm	Machine manufacturer	Machine type
6 × 520	Festool	BF1
6 × 610	Löser	14000; 14021; 14021F
9 × 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Makita	9032
10 × 330	Dynabride	15013
	Proxon	28536
	Chicago Pneumatic	CP9779, CP858
	Ingersoll Rand	G1811
12 × 520	Festool	BF1
13 × 610	Löser	14000; 14021; 14021F
20 × 560	Festool	BF1
	Suhner	UBC 10-R
30 × 533	Flex	LBS 1105 VE; LBS 1105 VE Set
	Fein	RS10-70 E
	Makita	9031
	Suhner	UTC 7-R
40 × 760	Metabo	12-180 Set
	Flex	LRP 1503 VRA
75 × 457	Black & Decker	KA 85 EK; KA 85; KA86
	Bosch	PBS 7 A; PBS 7 AE
	Einhell	BBS 720; BBS 850 E; 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 × 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
	SKIL	594 U; 595 U; 7640 MA; 7650 AA; 7650 AE
	100 × 560	AEG
Elu		MHB90; MHB90 E; MHB90K
DeWalt		DW 650; DW 650E
100 × 610	Einhell	BBS 1200
	Hitachi	SB 10 T; SB 10 V; SB 10 V2; SB 10 S2
	Makita	9402; 9403; 9404; 9924 DB
	Ryobi	B-7200 A; BE-422; BIBE 424; BE-4240; EBS 1310 V
100 × 620	Atlas Copco	BBS 100; BBSE 100
	Bosch	GBS 100 A; GBS 100 AE
	Metabo	Ba 6100
	Milwaukee	BS 100 IE
110 × 620	Hitachi	SB 110
75 × 2000	Fein	GIM; GIC
	Flott	BSM 75; BSM E1
	Holzmann	MSM 75
75 × 2500	Löser	KS 360
100 × 2000	Greif	D30 HFS 100

ABRASIVE BELTS



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

Material:

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



ESB CL

TOP LINE ●●●



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

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

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



ESB CL

					Product category	GTIN/pc. EAN/pc.
10 x 330	40	20	333001	PK06	4011890102664	
10 x 330	60	20	333002	PK06	4011890102671	
10 x 330	80	20	333003	PK06	4011890102688	
20 x 520	40	20	333005	PK06	4011890102701	
20 x 520	80	20	333007	PK06	4011890102725	



ESB ZL



TOP LINE

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

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

ESB ZL



⊕	Grid	Box	PC	Product category	GTIN/pc. EAN/pc.
9 x 533	40	20	305558	PK06	4011890085837
9 x 533	60	20	305559	PK06	4011890085844
9 x 533	80	20	305560	PK06	4011890085851
9 x 533	120	20	305561	PK06	4011890085868
10 x 330	40	20	304109	PK06	4011890081891
10 x 330	60	20	304110	PK06	4011890081907
10 x 330	80	20	304111	PK06	4011890081914
10 x 330	120	20	305582	PK06	4011890086070
12 x 520	40	20	305550	PK06	4011890085752
12 x 520	60	20	305551	PK06	4011890085769
12 x 520	80	20	305552	PK06	4011890085776
12 x 520	120	20	305553	PK06	4011890085783
13 x 457	40	20	304113	PK06	4011890081921
13 x 457	60	20	304114	PK06	4011890081938
13 x 457	80	20	305583	PK06	4011890086087
13 x 457	120	20	304116	PK06	4011890081945
20 x 520	40	20	305584	PK06	4011890086094
20 x 520	60	20	304118	PK06	4011890081952
20 x 520	80	20	304119	PK06	4011890081969
20 x 520	120	20	305585	PK06	4011890086100
30 x 533	40	20	305566	PK06	4011890085912
30 x 533	60	20	305567	PK06	4011890085929
30 x 533	80	20	305568	PK06	4011890085936
30 x 533	120	20	305569	PK06	4011890085943
40 x 760	40	20	305578	PK06	4011890086032
40 x 760	60	20	305579	PK06	4011890086049
40 x 760	80	20	305580	PK06	4011890086056
40 x 760	120	20	305581	PK06	4011890086063



ESB KK

PRO LINE ●●○



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

Continuous-feed belt for belt grinders.

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



ESB KK

				Product category	GTIN/pc. EAN/pc.
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



ESB V

PRO LINE ●●○



Backing type: Xflex

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

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



ESB V

				Product category	GTIN/pc. EAN/pc.
9 x 533	medium	20	305993	PK06	4011890097588
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



ESB CX

TOP LINE ●●●



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

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

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 ●●●



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

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

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 ●●○

Backing type: Heavyduty Ypolyester, waterproof
 Grain type: Aluminium oxide
 Bond: Synthetic resin
 Coating: Closed coating

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

- Aluminium oxide closed coating for high material abrasion on steel
- Tear-resistant Ypolyester fabric, waterproof for long lifetime
- Safe through three full-face fabric layers



ESB KX

				Product category	GTIN/pc. EAN/pc.
75 x 2000	40	10	303689	PK06	4011890122013
75 x 2000	60	10	303690	PK06	4011890122037

ABRASIVE SLEEVES



Material:

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

Abrasive sleeves for mounting the matching SHEK expanding body.



ESH



TOPLINE ●●●

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

Grain type: Zirconium

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

ESH

⊕	Grid icon	mm	Box icon	PC icon	Product category	GTIN/pc. EAN/pc.
15 × 30	80	26000	100	305219	PK06	4011890080757
15 × 30	50	26000	100	305220	PK06	4011890080740
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





Grain type: Aluminium oxide

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

⊕	▒	1/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
15 × 30	50	26000	100	305216	PK06	4011890080719
15 × 30	80	26000	100	305217	PK06	4011890080726
25 × 25	50	15000	100	305226	PK06	4011890080818
25 × 25	80	15000	100	305227	PK06	4011890080825
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



SHEK



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

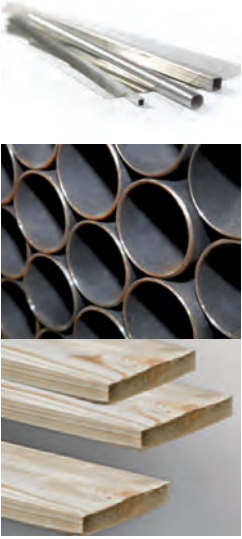
- Long lifetime
- Medium hardness
- Ventilation for cooler grinding



SHEK

⊕	1/min	📦	🖨️	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

**Material:**

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

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



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

**SLR****PROLINE** ●●●○

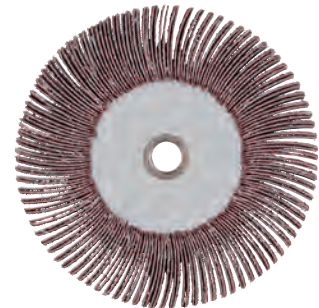
Grain type: Aluminium oxide

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	240	12200	5	305194	PK06	4011890080115





FS MINI

TOP LINE ●●●



Grain type: Aluminium oxide

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

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



FS MINI

⊕	Grid	1/2mm	Box	PC	Product category	GTIN/pc. EAN/pc.
10 × 10 × 3.0	80	38200	10	305102	PK06	4011890078464
10 × 10 × 3.0	120	38200	10	305103	PK06	4011890078471
15 × 15 × 3.0	80	38200	10	305105	PK06	4011890078495
15 × 15 × 3.0	120	38200	10	305106	PK06	4011890078501
20 × 10 × 3.0	80	38200	10	305108	PK06	4011890078525
20 × 10 × 3.0	120	38200	10	305109	PK06	4011890078532
20 × 15 × 3.0	80	38200	10	305111	PK06	4011890078556
20 × 15 × 3.0	120	38200	10	305112	PK06	4011890078563



FS

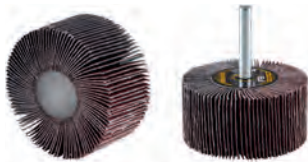
TOP LINE ●●●



Grain type: Aluminium oxide






Flap wheel with a 6 mm shank.

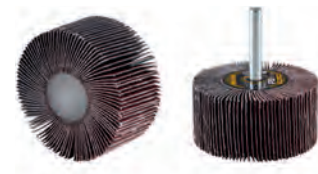
- Large synthetic resin core for long lifetime
- Flexible Xcloth for good adaptation to the workpiece
- Good stock removal performance



FS

⊕	Grid	1/2mm	Box	PC	Product category	GTIN/pc. EAN/pc.
30 × 10 × 6.0	40	25400	10	305641	PK06	4011890086667
30 × 10 × 6.0	60	25400	10	305114	PK06	4011890078587
30 × 10 × 6.0	80	25400	10	305115	PK06	4011890078594
30 × 10 × 6.0	120	25400	10	305116	PK06	4011890078600
30 × 15 × 6.0	40	25400	10	305489	PK06	4011890083536
30 × 15 × 6.0	60	25400	10	305119	PK06	4011890078631
30 × 15 × 6.0	80	25400	10	305120	PK06	4011890078648
30 × 15 × 6.0	120	25400	10	305121	PK06	4011890078655
30 × 15 × 6.0	150	25400	10	305122	PK06	4011890078662
40 × 15 × 6.0	40	19100	10	305642	PK06	4011890086674
40 × 15 × 6.0	60	19100	10	305124	PK06	4011890078686
40 × 15 × 6.0	80	19100	10	305125	PK06	4011890078693
40 × 15 × 6.0	120	19100	10	305126	PK06	4011890078709
40 × 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
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 × 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

					Product category	GTIN/pc. EAN/pc.
50 x 30 x 6.0	40	15200	10	305645	PK06	4011890086704
50 x 30 x 6.0	60	15200	10	305143	PK06	4011890078877
50 x 30 x 6.0	80	15200	10	305144	PK06	4011890078884
50 x 30 x 6.0	120	15200	10	305145	PK06	4011890078891
60 x 20 x 6.0	40	12700	10	305646	PK06	4011890086711
60 x 20 x 6.0	60	12700	10	305148	PK06	4011890078921
60 x 20 x 6.0	80	12700	10	305149	PK06	4011890078938
60 x 20 x 6.0	120	12700	10	305150	PK06	4011890078945
60 x 30 x 6.0	40	12700	10	305491	PK06	4011890083550
60 x 30 x 6.0	60	12700	10	305153	PK06	4011890078976
60 x 30 x 6.0	80	12700	10	305154	PK06	4011890078983
60 x 30 x 6.0	120	12700	10	305155	PK06	4011890078990
60 x 40 x 6.0	40	12700	10	305492	PK06	4011890083567
60 x 40 x 6.0	60	12700	10	305493	PK06	4011890083574
60 x 40 x 6.0	80	12700	10	305494	PK06	4011890083581
60 x 40 x 6.0	120	12700	10	305495	PK06	4011890083598
60 x 50 x 6.0	40	12700	10	305647	PK06	4011890086728
60 x 50 x 6.0	60	12700	10	305158	PK06	4011890079027
60 x 50 x 6.0	80	12700	10	305159	PK06	4011890079034
60 x 50 x 6.0	120	12700	10	305160	PK06	4011890079041
80 x 30 x 6.0	40	8900	10	305498	PK06	4011890083628
80 x 30 x 6.0	60	8900	10	305163	PK06	4011890079072
80 x 30 x 6.0	80	8900	10	305164	PK06	4011890079089
80 x 30 x 6.0	120	8900	10	305165	PK06	4011890079096
80 x 40 x 6.0	40	8900	10	305648	PK06	4011890086735
80 x 40 x 6.0	60	8900	10	305168	PK06	4011890079126
80 x 40 x 6.0	80	8900	10	305169	PK06	4011890079133
80 x 40 x 6.0	120	8900	10	305170	PK06	4011890079140
80 x 50 x 6.0	40	8900	10	305649	PK06	4011890086742
80 x 50 x 6.0	60	8900	10	305173	PK06	4011890079171
80 x 50 x 6.0	80	8900	10	305174	PK06	4011890079188
80 x 50 x 6.0	120	8900	10	305175	PK06	4011890079195



FS K

TOPLINE ●●●

60/80/120








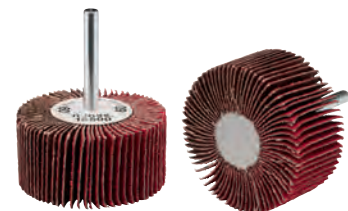
Ceramic grain flap wheel with 6 mm shank.

Grain type: Ceramic grain

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

FS K

					Product category	GTIN/pc. EAN/pc.
40 x 20 x 6.0	60	19100	10	353308	PK06	4011890126332
40 x 20 x 6.0	80	19100	10	353309	PK06	4011890126356
40 x 20 x 6.0	120	19100	10	353310	PK06	4011890126370
60 x 30 x 6.0	60	12700	10	353311	PK06	4011890126394
60 x 30 x 6.0	80	12700	10	353312	PK06	4011890126417
60 x 30 x 6.0	120	12700	10	353313	PK06	4011890126431



NON-WOVEN FLAP WHEELS



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

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

Material:

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



60-240

VSK

TOP LINE ●●●








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	17100	10	305313	PK06	4011890079324
40 × 20 × 6.0	A80	17100	10	305314	PK06	4011890079331
40 × 20 × 6.0	A150	17100	10	305315	PK06	4011890079348
40 × 20 × 6.0	A240	17100	10	305316	PK06	4011890079355
40 × 30 × 6.0	A80	17100	10	305318	PK06	4011890079379
40 × 30 × 6.0	A150	17100	10	305319	PK06	4011890079386
50 × 30 × 6.0	A80	13700	10	305651	PK06	4011890086766
50 × 30 × 6.0	A150	13700	10	305652	PK06	4011890086773
60 × 30 × 6.0	A80	11500	10	305322	PK06	4011890079416
60 × 30 × 6.0	A150	11500	10	305323	PK06	4011890079423
60 × 40 × 6.0	A60	11500	10	305325	PK06	4011890079447
60 × 40 × 6.0	A80	11500	10	305326	PK06	4011890079454
60 × 40 × 6.0	A150	11500	10	305327	PK06	4011890079461

					Product category	GTIN/pc. EAN/pc.
80 x 40 x 6.0	A80	8600	10	305330	PK06	4011890079492
80 x 40 x 6.0	A150	8600	10	305331	PK06	4011890079508
80 x 50 x 6.0	A60	8600	10	305333	PK06	4011890079522
80 x 50 x 6.0	A80	8600	10	305334	PK06	4011890079539
80 x 50 x 6.0	A150	8600	10	305335	PK06	4011890079546
80 x 50 x 6.0	A240	8600	10	305336	PK06	4011890079553








VS

TOPLINE ●●●



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

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

					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

VS



DRUMS



Drums, for use with satin finishing machines.

Material:

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



SVSW

PROLINE ●●○



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

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



SVSW

⊕	1/2mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
100 x 100 x 19.00	5000	1	305409	PK07	4011890080337



LW



TOP LINE ●●●

Abrasive flap drum, for use with satin finishing machines.

Grain type: Aluminium oxide

- Open design prevents clogging

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	5700	1	305353	PK06	4011890080443
100 × 100 × 19.00	A80	5700	1	305354	PK06	4011890080450
100 × 100 × 19.00	A150	5700	1	305355	PK06	4011890080467



coarse -
ultra fine

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 × 100 × 19.00	coarse	5700	1	305357	PK06	4011890080481
100 × 100 × 19.00	medium	5700	1	305358	PK06	4011890080498
100 × 100 × 19.00	fine	5700	1	305359	PK06	4011890080504
100 × 100 × 19.00	very fine	5700	1	305360	PK06	4011890080511
100 × 100 × 19.00	ultra-fine	5700	1	305361	PK06	4011890080528

D3 - D5 /
H25 - H40

FW

TOP LINE ●●●



Felt flap drum, for use with satin finishing machines.

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



Use felt flap drums with the corresponding polishing paste.



FW

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

QUICK CHANGE DISCS



Material:

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

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

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



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



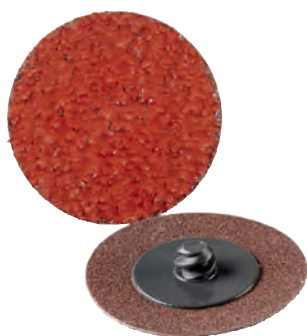
TOP LINE ●●●

Backing type: Xsupport
Grain type: Ceramic grain

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



- 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	120	25000	100	307019	PK06	4011890098189
76	36	20000	50	307020	PK06	4011890098196
76	60	20000	50	307021	PK06	4011890098202



KFZ QUICK



TOP LINE ●●●

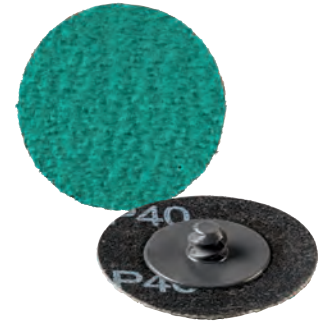
Zirconium fibre disc for the quick change system – the grain enables excellent stock removal performance on steel and stainless steel.

Backing type: Ycloth
Grain type: Zirconium

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

KFZ QUICK

⊕	Grid	v/min	Box	PC	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 ●●○

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

Backing type: Xsupport
Grain type: Aluminium oxide

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

KFS QUICK

⊕	Grid	v/min	Box	PC	Product category	GTIN/pc. EAN/pc.
51	36	25000	100	333043	PK06	4011890103081
51	60	25000	100	333046	PK06	4011890103111
51	80	25000	100	333047	PK06	4011890103128
76	36	20000	50	333051	PK06	4011890103166
76	60	20000	50	333054	PK06	4011890103197
76	80	20000	50	333055	PK06	4011890103203



coarse - fine

VLS QUICK

PROLINE ●●○



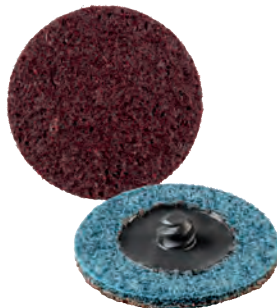
Non-woven tool for the quick change system. For fine grinding work.

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



VLS QUICK

⊕	Grid	rpm	Box	PC	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

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

3sf - 6am

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

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







Backing pad for discs used with the quick change system.

- Medium hardness

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

RH QUICK

				Product category	GTIN/pc. EAN/pc.
25 x 6.0	40000	1	307031	PK06	4011890098790
51 x 6.0	25000	1	305424	PK06	4011890081389
76 x 6.0	20000	1	305425	PK06	4011890081396

Backing pad



ROLLS



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

Material:

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



40-600

SPBR

PROLINE ●●○



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





Roll with plastic core to unroll as needed.

- Closed coated aluminium oxide for high material abrasion
- Flexible cotton fabric for optimal adaptation to the workpiece
- Simply cut to length by hand as needed



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
50 × 25,000	40	1	300593	PK06	4011890067253

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



KERR







PROLINE ●●●○

Rolls with E-paper backing and closed aluminium oxide coating.

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

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

KERR

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

Shape R/MA OA



ABRASIVE PAPERS



Ready-to-use abrasive sheets for manual sanding.

Material:

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



60-400

KKBR

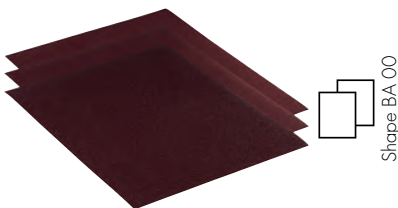
PROLINE ●●○



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

Abrasive paper with especially flexible cloth backing.

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



Shape BA 00

KKBR

	⊕	▒	📄	📱	Product category	GTIN/pc. EAN/pc.
	230 × 280	60	50	300885	PK06	4011890025055
	230 × 280	80	50	300886	PK06	4011890025062
	230 × 280	100	50	300887	PK06	4011890025079
	230 × 280	120	50	300888	PK06	4011890025086
	230 × 280	180	50	300890	PK06	4011890025109
	230 × 280	240	50	300892	PK06	4011890025123
	230 × 280	320	50	300894	PK06	4011890025147
	230 × 280	400	50	300896	PK06	4011890025161



WSP



PROLINE ●●○

Waterproof abrasive paper with silicon carbide on a paper backing.

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

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

WSP

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

Shape BA 00



SELF FASTENING DISCS



Self-adhesive grinding discs made from abrasive cloth and non-woven with a Velcro backing. Self-fastening discs are available with and without dust openings for the most common machine types.

Material:

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



60/80/
120

KGK V

TOPLINE ●●●



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

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

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



○
Shape CK 00

KGK V

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



KSN V




TOP LINE ●●●





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

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

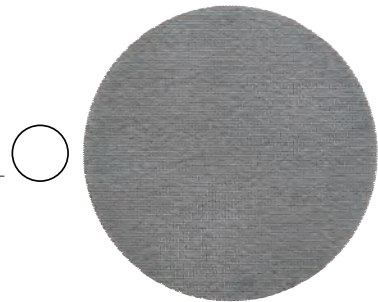
- Optimum dust extraction results in a much longer lifetime
- High tear strength and minimal clogging leads to improved stock removal
- Open mesh structure means no dependence on hole system

 Optimum extraction with RH15 V.

KSN V

				Product category	GTIN/PK EAN/PK
125	80	50	333070	PK06	4011890103357
125	120	50	333072	PK06	4011890103371
125	150	50	333073	PK06	4011890103388
125	180	50	333074	PK06	4011890103395
125	240	50	333075	PK06	4011890103401
125	320	50	333076	PK06	4011890103418
125	400	50	333077	PK06	4011890103425
150	80	50	333058	PK06	4011890103234
150	120	50	333060	PK06	4011890103258
150	150	50	333061	PK06	4011890103265
150	180	50	333062	PK06	4011890103272
150	240	50	333063	PK06	4011890103289
150	320	50	333064	PK06	4011890103296
150	400	50	333065	PK06	4011890103302

Shape CK 00



KSF15 V



TOP LINE ●●●





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

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

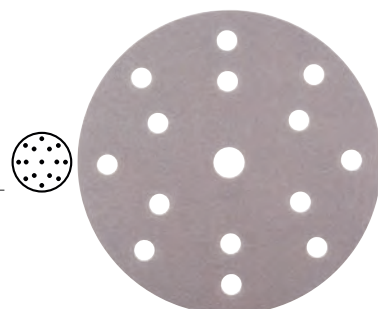
- Open coated, special stearate coating avoids clogging (from 180 grit)
- Ideal for use together with the RH15 V backing pad
- Highly tear-resistant plastic foil for long lifetime

 For matching backing pads, see page 98

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	240	50	304354	PK06	4011890099339
150	320	50	304355	PK06	4011890099346
150	400	50	304357	PK06	4011890099360
150	800	50	304360	PK06	4011890099391

Shape CK 861





SKP15 V

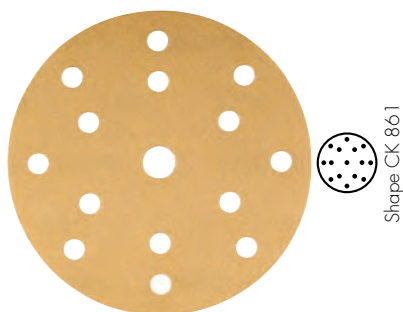


ALPHA LINE ●○○

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

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

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



Shape CK 861

SKP15 V

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



SKP15 WHITE V



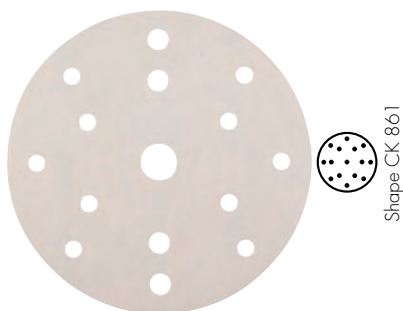
ALPHA LINE ●○○

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

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

For matching backing pads, see page 158



Shape CK 861

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



RH15 V

TOPLINE ●●●



High-quality backing pad with microcellular polyurethane foam. Cyclone technology for outstanding long-term dust extraction.

- High-grade backing pad for self fastening discs
- For KSF15 V
- 2 different hardnesses and interfaces for grinding rounded contours

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

RH15 V

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



Backing pad



ZSKP V

TOPLINE ●●●



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

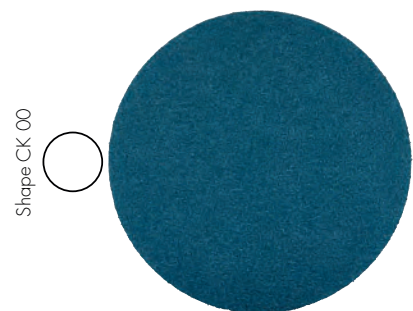
- Heavy F-paper backing with No-Tear technology
- Closed coating with all-synthetic resin bond for stability
- Fast and robust stock removal with long tool life

i See page 158 for matching backing pads

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

ZSKP V

				Product category	GTIN/PK EAN/PK
125	40	50	333489	PK06	4011890107546
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



Shape CK 00



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

Self fastening disc without hole system.

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

Special hole system for Festool machines



Shape CK 00

KERR V

				Product category	GTIN/pc. EAN/pc.
115	40	50	304133	PK06	4011890068724
115	60	50	304134	PK06	4011890068731
115	80	50	304135	PK06	4011890068748
115	120	50	304137	PK06	4011890068762
125	40	50	304138	PK06	4011890068779
125	60	50	304139	PK06	4011890068786
125	80	50	304140	PK06	4011890068793
125	120	50	304142	PK06	4011890068816
150	40	50	304143	PK06	4011890068823
150	60	50	304144	PK06	4011890068830
150	80	50	304145	PK06	4011890068847
150	120	50	304147	PK06	4011890068861



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 00

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



KRF V

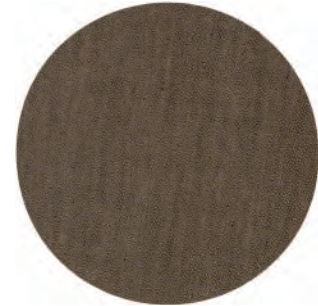
TOP LINE ●●●



- Maximum stock removal
- Cooler grinding
- Particularly suitable for KFX SPEED

KRF V

⊕	▣	⊖/min	📦	💻	Product category	GTIN/pc. EAN/pc.
125	240	12250	25	353396	PK06	4011890132999
125	320	12250	25	353395	PK06	4011890132920
125	400	12250	25	353391	PK06	4011890132968
125	600	12250	25	353392	PK06	4011890132951
125	1200	12250	25	353393	PK06	4011890132944
125	2500	12250	25	353394	PK06	4011890132937



VLS V

PRO LINE ●●○



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

- Optimal adhesion with matching backing pad RH V through high-grade self fastening backing pad
- Open structure for less clogging
- Uniform surface finish

i Reduce the revolutions to achieve good working results and a long lifetime (30 – 40 m/s)

VLS V

⊕	▣	⊖/min	📦	💻	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



ALPHA LINE ●○○

High-quality backing pad for self fastening discs.

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



RH V

				Product category	GTIN/pc. EAN/pc.
115 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



ALPHA LINE ●○○

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

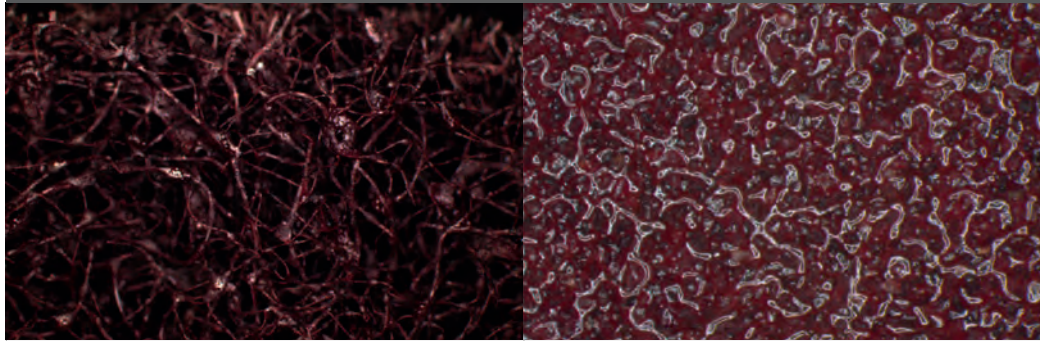
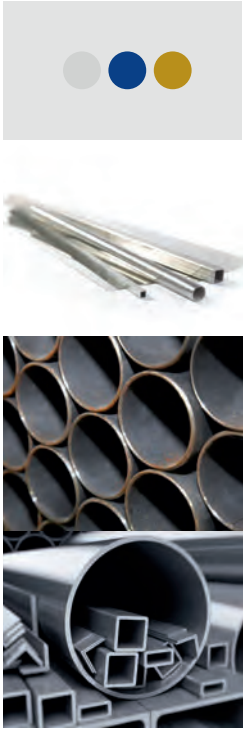
- 3 separate hardness grades for grinding and polishing
- For all paper self fastening discs without holes



RHST V

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

FLEECE



Grit of non-woven abrasive	Comparable grit (FEPA)
coarse	80 – 120
medium	150 – 220
fine	240 – 360
very fine	400 – 600
ultra fine	800 – 1.000

Material:

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

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



VLSR

PROLINE ●●○



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

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

VLSR

				Product category	GTIN/pc. EAN/pc.
100 × 10,000	coarse	1	304038	PK06	4011890111277
100 × 10,000	medium	1	305654	PK06	4011890086797
100 × 10,000	fine	1	305655	PK06	4011890086803
100 × 10,000	very fine	1	305656	PK06	4011890086810
100 × 10,000	ultra-fine	1	305657	PK06	4011890086827
100 × 10,000	general	1	305995	PK06	4011890098479
115 × 10,000	coarse	1	306356	PK06	4011890099810
115 × 10,000	medium	1	305362	PK06	4011890081693
115 × 10,000	fine	1	305363	PK06	4011890081709
115 × 10,000	very fine	1	305364	PK06	4011890081716
115 × 10,000	ultra-fine	1	305365	PK06	4011890081723





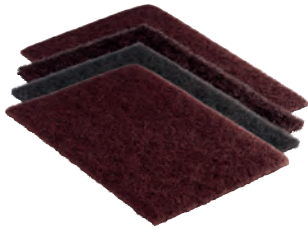
VLS PAD

PROLINE ●●●



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

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



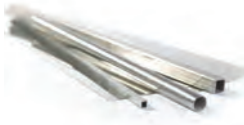
VLS PAD

				Product category	GTIN/pc. EAN/pc.
152 x 229	coarse	10	306353	PK06	4011890099780
152 x 229	medium	10	305366	PK06	4011890081655
152 x 229	fine	10	305367	PK06	4011890081662
152 x 229	very fine	10	305368	PK06	4011890081679
152 x 229	ultra-fine	10	305369	PK06	4011890081686
152 x 229	v,f, polish green	10	306365	PK06	4011890130148
152 x 229	cleaning white	10	306366	PK06	4011890130155

VLS PAD 5ER MIX-PACK

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

UNITISED DISCS



Degree of hardness

3 / 4
(medium)6 / 7
(hard)

Fields of application

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

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

Material:

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

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



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

**VKS KN****TOPLINE** ●●●

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

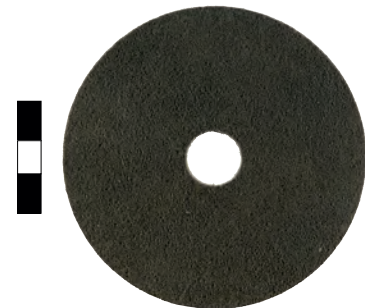


Optimum revolutions: 3,600–4,000 rpm

VKS KN

					Product category	GTIN/pc. EAN/pc.
115 × 3.2 × 22.23	6A-medium	11000	10	305943	PK07	4011890093702
115 × 3.2 × 22.23	3S-fine	11000	5	305944	PK07	4011890093726
125 × 3.2 × 22.23	6A-medium	9800	5	305947	PK07	4011890093788
125 × 3.2 × 22.23	3S-fine	9800	5	305948	PK07	4011890093801
125 × 6.4 × 22.23	6A-medium	9800	5	305949	PK07	4011890093825
125 × 6.4 × 22.23	3S-fine	9800	5	305950	PK07	4011890093849
150 × 3.2 × 25.40	6A-medium	5000	5	305972	PK07	4011890096772
150 × 3.2 × 25.40	3S-fine	5000	5	305973	PK07	4011890096789
150 × 6.4 × 25.40	6A-medium	5000	5	305974	PK07	4011890096796
150 × 6.4 × 25.40	3S-fine	5000	5	305975	PK07	4011890096802

Shape 1



coarse -
very fine


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

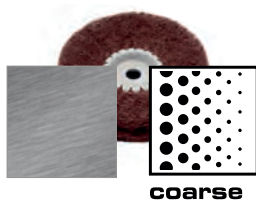
					Product category	GTIN/pc. EAN/pc.
115 × 22.23	4A-coarse	11000	2	305297	PK07	4011890080139
115 × 22.23	4S-medium	11000	2	305298	PK07	4011890080146
115 × 22.23	4S-very fine	11000	2	305299	PK07	4011890080153
115 × 22.23	6S-very fine	11000	2	305300	PK07	4011890080160
125 × 22.23	4A-coarse	9800	2	305301	PK07	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

GRINDING/POLISHING

SATIN FINISHING AND POLISHING

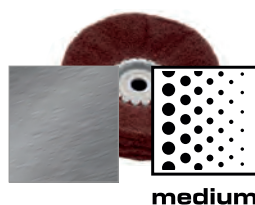
SATIN FINISH RINGS

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 097 onwards. Compatible polishing pastes can be found on page 167.

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



30 mm

M14

FELT POLISHING FLAP DISCS

(D) Width of flaps		(H) Felt hardness	
D2	2 mm	H25	soft, high-gloss polishing
D3	3 mm		
D5	5 mm	H40	hard, prepolishing



Felt polishing flap disc for the finishing of surfaces to a mirror finish. Use the felt polishing flap disc with the corresponding polishing pastes for pre-polishing and high-gloss polishing.

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

Material:

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



FLS

TOPLINE ●●●



Use the felt polishing flap disc with the corresponding polishing paste for pre-polishing and high-gloss polishing.

- For use on angle polishers
- Processing of surfaces up to mirror finish
- High-grade wool felt



FLS

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



FLP

TOP LINE ●●●



Use the felt polishing flap disc with the corresponding polishing paste for pre-polishing and high-gloss polishing.

- With 6 mm support
- High-grade wool felt

FLP

					Product category	GTIN/pc. EAN/pc.
40 × 30.0 × 6.00	D2/H25	9000	10	305379	PK07	4011890079782
40 × 30.0 × 6.00	D2/H40	9000	10	305380	PK07	4011890079799
40 × 30.0 × 6.00	D3/H25	9000	10	305381	PK07	4011890079805
40 × 30.0 × 6.00	D3/H40	9000	10	305382	PK07	4011890079812
60 × 40.0 × 6.00	D3/H25	7000	10	305383	PK07	4011890079829
60 × 40.0 × 6.00	D3/H40	7000	10	305384	PK07	4011890079836



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 × 20.00*	medium	4000	1	353070	PK07	4011890073568
100 × 20.00**	Set	4000	1	353073	PK07	4011890073599
100 × M14	Set	3500	1	353390	PK07	4011890132975

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





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

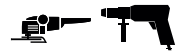
					Product category	GTIN/pc. EAN/pc.
100 x 20.00*	hard	4000	2	353063	PK07	4011890073490
100 x 20.00*	soft	4000	2	353064	PK07	4011890073506
100 x 10.00***	Set	4000	1	353072	PK07	4011890073582
200 x 20.00**	hard	3000	2	353111	PK07	4011890075104
200 x 20.00**	soft	3000	2	353112	PK07	4011890075111
100 x M14	Set	3500	1	353389	PK07	4011890132982

- * Reducer ring to hole diameter of 10 mm included in each packing unit.
- ** Reducer ring to hole diameter of 14 mm included in each packing unit.
- *** Shank set with 6 mm diameter included in each packing unit.



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 x 30 x 6.00	4000	1	353065	PK07	4011890073513
14 x 30 x M14	11000	1	353113	PK07	4011890075128

POLISHING PASTES

**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**TOPLINE** ●●●

Polishing paste for finishing surfaces up to a mirror finish. For matching discs, see page 164.

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

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

PASTY

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





MILLING

CONTENTS

CARBIDE BURRS



172

MILLING






TUNGSTEN CARBIDE BURRS

PIN-POINT PRECISION

Precision and stock removal are the most important performance criteria for tungsten carbide burrs. For this reason, RHODIUS tungsten carbide burrs are machined on state-of-the-art CNC machines. The outstanding accuracy of these machines guarantees the consistent high quality of the tools. Our tungsten carbide burrs are distinguished by high concentricity, optimally coordinated cutting geometry, type of cut and number of cuts. Resulting in accurate work.

THE RIGHT CARBIDE BURR

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

	Cut	Type of cut	Recommended application	Recommended working speed [m/min]	
	Z6	Double cut	For maximum material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450-600
				Alloy steels/tool steels	250-350
				Rust and acid-proofed steels	250-350
				Cast iron	450-600
	Z3	Single cut	For good surface treatment quality on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450-600
				Alloy steels, tool steels	250-350
				Rust and acid-proofed steels	250-350
				Cast iron	450-600
	ZALU	Aluminium cut	For high material abrasion on aluminium and soft aluminium alloys, light alloys, non-ferrous metals and plastics	Non-ferrous metals	700-900
	Z7 PRO	Double cut	For powerful material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450-600
				Alloy steels/tool steels	250-350
				Rust and acid-proofed steels	250-350
				Cast iron	450-600
	Z7	Double cut	For high material abrasion on steel, cast iron and stainless steel	Non-alloy steels/cast steel	450-600
				Alloy steels/tool steels	250-350
				Rust and acid-proofed steels	250-350
				Cast iron	450-600

Available shapes:



MILLING

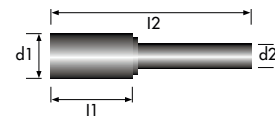
THE RIGHT REVOLUTIONS

FOR OPTIMUM WORKING RESULTS

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

Carbide burr Ø (mm)	Recommended cutting speed					
	250	350	450	600	700	900
	Revolutions [min-1]					
3	27000	37000	48000	64000	74000	95000
4	20000	28000	36000	48000	56000	72000
6	13000	19000	24000	32000	37000	48000
8	10000	14000	18000	24000	28000	36000
10	8000	11000	14000	19000	22000	29000
12	7000	9000	12000	16000	19000	24000
16	5000	7000	9000	12000	14000	18000

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





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

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



Shape A (ZYA)

HF A TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305000	PK09	4011890077443
6.3 × 12.7 × 3.0 × 45	Z 6	1	305001	PK09	4011890077450
6 × 18.0 × 6.0 × 50	Z 6	1	305003	PK09	4011890077474
8 × 19.0 × 6.0 × 64	Z 6	1	305004	PK09	4011890077481
9.6 × 19.0 × 6.0 × 64	Z ALU	1	305005	PK09	4011890077498
9.6 × 19.0 × 6.0 × 64	Z 6	1	305006	PK09	4011890077504
9.6 × 19.0 × 6.0 × 64	Z 3	1	305662	PK09	4011890086872
12.7 × 25.0 × 6.0 × 70	Z ALU	1	305007	PK09	4011890077511
12.7 × 25.0 × 6.0 × 70	Z 6	1	305008	PK09	4011890077528
12.7 × 25.0 × 6.0 × 70	Z 3	1	305663	PK09	4011890086889
16 × 25.0 × 6.0 × 70	Z 6	1	305009	PK09	4011890077535



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

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



Shape A (ZYA)

HF A PRO

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



HF A ALPHA

ALPHALINE ●○○

ZYA

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

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

HF A ALPHA

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304376	PK09	4011890109632
8 × 19.0 × 6.0 × 64	Z 7	1	304377	PK09	4011890109649
9.6 × 19.0 × 6.0 × 64	Z 7	1	304378	PK09	4011890109656
12.7 × 25.0 × 6.0 × 70	Z 7	1	304379	PK09	4011890109663

Shape A (ZYA)



HF B TOP

TOPLINE ●●●

ZYAS

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

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

HF B TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305010	PK09	4011890077542
6 × 18.0 × 6.0 × 50	Z 6	1	305013	PK09	4011890077573
8 × 19.0 × 6.0 × 64	Z 6	1	305014	PK09	4011890077580
9.6 × 19.0 × 6.0 × 64	Z ALU	1	305015	PK09	4011890077597
9.6 × 19.0 × 6.0 × 64	Z 6	1	305016	PK09	4011890077603
12.7 × 25.0 × 6.0 × 70	Z 6	1	305018	PK09	4011890077627
12.7 × 25.0 × 6.0 × 70	Z 3	1	305670	PK09	4011890086957
16 × 25.0 × 6.0 × 70	Z 6	1	305019	PK09	4011890077634

Shape B (ZYAS)





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

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



Shape B (ZYAS)

HF B PRO

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



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

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



Shape B (ZYAS)

HF B ALPHA

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304380	PK09	4011890109670
9.6 × 19.0 × 6.0 × 64	Z 7	1	304381	PK09	4011890128657
12.7 × 25.0 × 6.0 × 70	Z 7	1	304382	PK09	4011890109694



HF C TOP

TOP LINE ●●●

WRC

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

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

HF C TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305020	PK09	4011890077641
6 × 18.0 × 6.0 × 50	Z ALU	1	305022	PK09	4011890077665
6 × 18.0 × 6.0 × 50	Z 6	1	305023	PK09	4011890077672
8 × 19.0 × 6.0 × 64	Z 6	1	305024	PK09	4011890077689
8 × 19.0 × 6.0 × 64	Z 3	1	305675	PK09	4011890087008
9.6 × 19.0 × 6.0 × 64	Z ALU	1	305025	PK09	4011890077696
9.6 × 19.0 × 6.0 × 64	Z 6	1	305026	PK09	4011890077702
9.6 × 19.0 × 6.0 × 64	Z 3	1	305676	PK09	4011890087015
12.7 × 25.0 × 6.0 × 70	Z ALU	1	305027	PK09	4011890077719
12.7 × 25.0 × 6.0 × 70	Z 6	1	305028	PK09	4011890077726
12.7 × 25.0 × 6.0 × 70	Z 3	1	305677	PK09	4011890087022
12.7 × 25.0 × 8.0 × 70	Z 6	1	305502	PK09	4011890084113
16 × 25.0 × 6.0 × 70	Z 6	1	305029	PK09	4011890077733

Shape C (WRC)



HF C PRO

PRO LINE ●●●

WRC

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

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

HF C PRO

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

Shape C (WRC)





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

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



Shape C (WRC)

HF C ALPHA

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304383	PK09	4011890109700
8 × 19.0 × 6.0 × 64	Z 7	1	304384	PK09	4011890109717
9.6 × 19.0 × 6.0 × 64	Z 7	1	304385	PK09	4011890109724
12.7 × 25.0 × 6.0 × 70	Z 7	1	304386	PK09	4011890109731



Carbide burr, shape D (KUD): ball.

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



Shape D (KUD)

HF D TOP

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



HF D PRO





PROLINE ●●○

KUD

Carbide burr, shape D (KUD): ball.

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

HF D PRO

				Product category	GTIN/pc. EAN/pc.
6 × 4.7 × 6.0 × 50	Z 7 PRO	1	304517	PK09	4011890127780
9.6 × 8 × 6 × 54	Z 7 PRO	1	304518	PK09	4011890127797
12.7 × 11 × 6 × 56	Z 7 PRO	1	304519	PK09	4011890127803

Shape D (KUD)



HF D ALPHA





ALPHALINE ●○○

KUD

Carbide burr, shape D (KUD): ball.

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

HF D ALPHA

				Product category	GTIN/pc. EAN/pc.
6 × 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

Shape D (KUD)





Carbide burr, shape E (TRE): oval.

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



Shape E (TRE)

HF E TOP

				Product category	GTIN/pc. EAN/pc.
9.6 × 16.0 × 6.0 × 60	Z 6	1	305045	PK09	4011890077894
12.7 × 22.0 × 6.0 × 67	Z 6	1	305046	PK09	4011890077900
16 × 25.0 × 6.0 × 70	Z 6	1	305047	PK09	4011890077917



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

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



Shape F (RBF)

HF F TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 6	1	305048	PK09	4011890077924
6 × 18.0 × 6.0 × 50	Z ALU	1	305050	PK09	4011890077948
6 × 18.0 × 6.0 × 50	Z 6	1	305051	PK09	4011890077955
8 × 20.0 × 6.0 × 65	Z 6	1	305052	PK09	4011890077962
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



HF F PRO

PROLINE ●●●○

RBF

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

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

HF F PRO

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

Shape F (RBF)



HF F ALPHA

ALPHALINE ●●○○

RBF

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

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

HF F ALPHA

				Product category	GTIN/pc. EAN/pc.
6 × 18.0 × 6.0 × 50	Z 7	1	304390	PK09	4011890109779
8 × 20.0 × 6.0 × 65	Z 7	1	304391	PK09	4011890109786
9.6 × 19.0 × 6.0 × 64	Z 7	1	304392	PK09	4011890109793
12.7 × 25.0 × 6.0 × 70	Z 7	1	304393	PK09	4011890109809

Shape F (RBF)





Carbide burr, shape G (SPG): tree.

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



Shape G (SPG)

HF G TOP

				Product category	GTIN/pc. EAN/pc.
6 × 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



Carbide burr, shape G (SPG): tree.

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



Shape G (SPG)

HF G PRO

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



HF G ALPHA

ALPHA LINE ●○○

SPG

Carbide burr, shape G (SPG): tree.

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

HF G ALPHA

				Product category	GTIN/pc. EAN/pc.
8 × 19.0 × 6.0 × 64	Z 7	1	304394	PK09	4011890109816
9.6 × 19.0 × 6.0 × 64	Z 7	1	304395	PK09	4011890109823
12.7 × 25.0 × 6.0 × 70	Z 7	1	304396	PK09	4011890109830

Shape G (SPG)



HF H TOP

TOP LINE ●●●

FLF

Carbide burr, shape H (FLF): flame.

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

HF H TOP

				Product category	GTIN/pc. EAN/pc.
6 × 14.0 × 6.0 × 50	Z 6	1	305066	PK09	4011890078105
8 × 19.0 × 6.0 × 64	Z 6	1	305067	PK09	4011890078112
9.6 × 19.0 × 6.0 × 64	Z 6	1	305068	PK09	4011890078129
12.7 × 32.0 × 6.0 × 77	Z 6	1	305069	PK09	4011890078136
16 × 36.0 × 6.0 × 81	Z 6	1	305070	PK09	4011890078143

Shape H (FLF)



FLF

HF H PRO**PRO**LINE ●●○

Carbide burr, shape H (FLF): flame.

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



Shape H (FLF)

HF H PRO

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

FLF

HF H ALPHA**ALPHA**LINE ●○○

Carbide burr, shape H (FLF): flame.

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



Shape H (FLF)

HF H ALPHA

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



HF K TOP

TOP LINE ●●●

KSK

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

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

HF K TOP

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

Shape K (KSK)



HF L TOP

TOP LINE ●●●

KEL

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

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

HF L TOP

				Product category	GTIN/pc. EAN/pc.
3 × 14.0 × 3.0 × 38	Z 3	1	305724	PK09	4011890087497
6 × 18.0 × 6.0 × 50	Z 6	1	305083	PK09	4011890078273
8 × 25.4 × 6.0 × 70	Z 6	1	305084	PK09	4011890078280
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
12.7 × 32.0 × 6.0 × 77	Z 6	1	305088	PK09	4011890078327

Shape L (KEL)





HF L PRO

PROLINE ●●○



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

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



HF L PRO

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



HF L ALPHA

ALPHALINE ●○○



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

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



HF L ALPHA

				Product category	GTIN/pc. EAN/pc.
9.6 × 30 × 6 × 76	Z 7	1	304556	PK09	4011890128633
12.7 × 32.0 × 6.0 × 77	Z 7	1	304398	PK09	4011890109854



HF M TOP

TOP LINE ●●●

SKM

Carbide burr, shape M (SKM): cone.

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

HF M TOP

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

Shape M (SKM)



HF M PRO

PRO LINE ●●○

SKM

Carbide burr, shape M (SKM): cone.

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

HF M PRO

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

Shape M (SKM)





Carbide burr, shape M (SKM): cone.

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



HF M ALPHA

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

HF SET TOP



Carbide burr set, consisting of the three/five most popular carbide burr shapes.

- Double cut for high material abrasion
- Attractive plastic box for easy storage



HF SET 3 TOP

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

Content:

Set includes one each:
HF C (305026)

HF D (305037)

HF F (305054)

head diameter 9.6 mm, cut Z 6



HF SET 5 TOP

				Product category	GTIN/PK EAN/PK
Z 6	5	305860	PK09	4011890092200	

Content:

Set includes one each:
HF A 305006
HF C 305026

HF D 305037

HF F 305054

HF G 305062

head diameter 9.6 mm, cut Z 6



HF SET 10 TOP

TOP LINE ●●●

Carbide burr set, consisting of the three/five most popular carbide burr shapes.

- Double cut for high material abrasion
- Attractive plastic box for easy storage

HF SET 10 TOP

			Product category	GTIN/PK EAN/PK
Z 6	10	305484	PK09	4011890082508

Content:

Set includes one each:

HF B (305013, 305018);

HF C (305023, 305028);

HF D (305034, 305039);

HF F (305052, 305056);

HF G (305060, 305063)

head diameter 6 and 12.7 mm, cut Z 6





DIAMOND TOOLS

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HIGHLIGHTS



LD404 ALL IN ONE

- Easy milling in a single operation
Page 194



LD300

- High-performance cutting disc
suitable for a different range of
applications
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SPECIAL TECHNOLOGIES



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on page 244



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More information
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YOUR FASTEST WAY TO THE RIGHT PRODUCT

GRINDING/DRILLING

		Cup wheels				Core drills		Tile drills		
		Reference	DS1	DS10	DS40	DS41	CD10	CD15	CD30	CD40
<p>Explanation of symbols</p> <p> Concrete</p> <p> Tiles/ceramics</p> <p>●●●●●○ Points system</p> <p>Lifetime The lifetime indicates the maximum working life for the tool.</p> <p>Cutting ability The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		Page	210	211	211	212	213	214	215	215
		∅ mm	115-180	100-180	100-125	100-180	68-82	68-82	6-70	6-14
		Quality reference	TOP LINE ●●●●●	PRO LINE ●●●●●	ALPHA LINE ●●●●●	ALPHA LINE ●●●●●	PRO LINE ●●●●●	PRO LINE ●●●●●	PRO LINE ●●●●●	PRO LINE ●●●●●
		Lifetime/cutting ability	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
		Machine suitability								
very hard ^ medium very abrasive	Porcelain							○	○	
	Granite							○	○	
	Hard concrete with aggregates	●	●			○	○			
	Ceramic/porcelain tiles							○	○	
	Glazed tiles							●	●	
	High-fired tiles							○	○	
	Marble							●	●	
	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)	○				○	○				

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 Joint – 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 joint 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 joint 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. 006 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.

DIMENSIONS (EXAMPLE)

230 × 12.0 × 2.4 × 22.23

Diameter × Segment height × Segment thickness × Hole**Application guidelines for optimum results with diamond cutting discs**

Whether working on natural stone, tiles, concrete or asphalt – professional users expect a fast cut and a long lifetime from a diamond cutting disc. The behaviour of a diamond cutting disc within an application depends essentially on three factors: the quality of the diamonds, the bond hardness of the segment and the shape of the rim.

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

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



THANKS TO THE ALL IN ONE NEARLY 50% FASTER



LD403S / LD404 ALL IN ONE



TOP LINE ●●●

80
m/s

- Lifetime
- Cutting ability

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



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

Material:

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

Typical applications:

- Easy chasing of wall grooves in a single operation



LD403S ALL IN ONE EXTENDED

2x milling unit

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

LD404 ALL IN ONE EXTENDED

4x milling unit

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



LD404 ALL IN ONE IN ACTION:

Watch video now on our Youtube channel.
https://rhodi.us/gb_watch-ld404



Quick assembly, thanks to fixed dual-/four-fold disc systems.
Triple-disc system for 25 mm groove width.
Fourfold disc system for 30 mm groove width.



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

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



≤ 230 mm $\left(80 \frac{m}{s}\right)$ 300-400 mm $\left(100 \frac{m}{s}\right)$

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 12-15 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.

- 12-15 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:

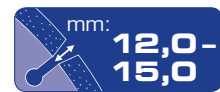
- Concrete
- Reinforced concrete
- Green concrete
- Sand-lime bricks
- Masonry/brick

Typical applications:

- Extremely wide range of applications
- Abrasive to hard materials

LD300

TOP LINE ●●●



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



straight



LD300

					Product category	GTIN/pc. EAN/pc.
	115 × 12.0 × 2.4 × 22.23	13300	1	304461	PK10	4011890122990
	125 × 12.0 × 2.4 × 22.23	12250	1	304462	PK10	4011890123003
	150 × 12.0 × 2.4 × 22.23	10200	1	304463	PK10	4011890123010
	180 × 12.0 × 2.4 × 22.23	8500	1	304464	PK10	4011890123027
	230 × 12.0 × 2.4 × 22.23	6650	1	304465	PK10	4011890123034
	304 × 15.0 × 2.8 × 25.40*	6400	1	304542	PK10	4011890128268
	354 × 15.0 × 3.2 × 25.40*	5500	1	304543	PK10	4011890128275
	404 × 15.0 × 3.2 × 25.40*	4800	1	304544	PK10	4011890128282

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

straight



LD300 X-LOCK

					Product category	GTIN/pc. EAN/pc.
	125 × 12.0 × 2.4 × 22.23	12250	1	353288	PK10	4011890124543

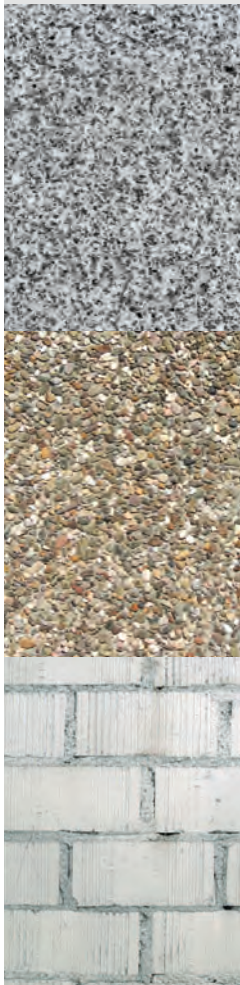


XLOCK





DIAMOND CUTTING DISCS / UNIVERSAL, CONCRETE



Explanation of symbols		Reference	LD300	LD200 SPEED	LD45	LD40	LD50	DG70
		∅ mm	115-404	450-600	300-400	115-400	115-350	115-230
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								
Quality reference			TOP LINE ●●●	TOP LINE ●●●	TOP LINE ●●●	PRO LINE ●●●	ALPHA LINE ●●●	ALPHA LINE ●●●
Lifetime/cutting ability			●●●●●●	●●●●●●	●●●●●○	●●●●○	●●●○○	●●○○○
Material			○/✗ ✗/○	○/✗ ✗/○	○/✗ ✗/○	○/✗ ✗/○	○/✗ ✗/○	○/✗ ✗/○
Machine suitability			✗	✗	✗	✗	✗	✗
very hard	Granite					○		
	Hard concrete with aggregates			●	●	○	○	
Λ	Hard paving stones		○	●	●	○	○	○
	Hard bricks		○		●	○	○	
medium	Reinforced concrete/steel concrete		●	●	●	○		
	Concrete/paving bricks Hard stone/paving slabs		●	●	●	●	○	○
	Medium-hard bricks		●		●	●	○	
v	Slate		○		○	○	○	
	Sand-lime brick (hard)/Concrete bricks (hard) Concrete blocks		●		○	○	○	
	Concrete roof tiles		○		○	○	○	
	Sandstone		●		○	○	○	
very abrasive	Hollow concrete blocks		●		○	○	○	
	Green concrete		●			○		
	Concrete bricks (soft)		●	○	○	○		

mm: **13,0**

LD200 SPEED

TOP LINE ●●●

≥ 450 mm **63** m/s

●●●●● Lifetime
 ●●●●● Cutting ability

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



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



LD200 SPEED

	⊕	mm	📄	🖨️	Product category	GTIN/pc. EAN/pc.
✗	450 × 13.0 × 3.6 × 25.40	2700	1	303734	PK10	4011890085097
✗	500 × 13.0 × 3.6 × 25.40	2450	1	303735	PK10	4011890085103
✗	600 × 13.0 × 3.6 × 25.40	2030	1	303736	PK10	4011890085110

Larger diameters are available on request.



300-400 mm 

LD45

TOPLINE ●●●













Lifetime ●●●●○
Cutting ability ●●●●○

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

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

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

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



≤ 230 mm  300-400 mm 

LD40

PROLINE ●●●○

















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.

- 12 mm high segments
- Wide range of applications
- High cutting speed
- Wet and dry cut
- 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 diameter of 20.00 mm included in each packing unit.





LD50

ALPHALINE ●○○

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



300-400 mm $\frac{100}{m/s}$ ≤ 230 mm $\frac{80}{m/s}$



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



Straight

LD50

	⊕	mm	kg	PC	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 diameter of 20.00 mm included in each packing unit.



DG70

ALPHALINE ●○○

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



≤ 230 mm $\frac{80}{m/s}$

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



Straight

DG70

	⊕	mm	kg	PC	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	DG215 ALLCUT
		∅ mm	115-400	76-125
		Quality reference		
		Lifetime/cutting ability	●●●●●○	●●●●●○
Material		Machine suitability		
	Reinforcing steel/light structural steel		●	●
	Universal materials		◐	◐
	Plastics and composites		◐	●
	Bitumen welding sheets, wood, nails		◐	○

≤ 230 mm 300-400 mm ≥ 450 mm

DG210 ALLCUT

mm: **3,0**

TOP LINE ●●●

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



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

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

DG210 ALLCUT

	⊕	∅mm	📦	📱	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

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





DG215 ALLCUT

TOP LINE ●●●



- Lifetime
- Cutting ability

Using the DG215 ACCU ALLCUT PRO, users get a true universal disc, including for cordless angle grinders. It offers an impressively constant cutting performance in a variety of materials. The thin carrier sheet limits battery use while you work. Suitable for wet and dry cutting.

- Universal disc for use in a variety of materials
- Easy on the battery thanks to ease of cutting
- Wet and dry cut



Straight

DG215 ALLCUT

					Product category	GTIN/pc. EAN/pc.
	115 × 2.0 × 1.6 × 22.23	13300	1	353348	PK10	4011890129951
	125 × 2.0 × 1.6 × 22.23	12250	1	353347	PK10	4011890129937



Straight

DG215 ALLCUT MINI

					Product category	GTIN/pc. EAN/pc.
	76 × 2.0 × 1.6 × 10.0	20100	1	353375	PK10	4011890132081

DIAMOND CUTTING DISCS / ASPHALT



Explanation of symbols

●●●●●○ Points system

Lifetime

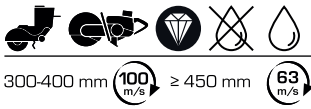
The lifetime indicates the maximum working life for the tool.

Cutting ability

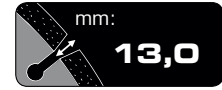
The cutting ability provides information about the cutting speed of the tool.

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

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



LD70



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

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

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

LD70

					Product category	GTIN/pc. EAN/pc.
	300 × 13.0 × 2.8 × 25.40*	6400	1	303512	PK10	4011890072530
	350 × 13.0 × 3.0 × 25.40*	5500	1	303489	PK10	4011890072349
	400 × 13.0 × 3.2 × 25.40*	4800	1	303490	PK10	4011890072356
	450 × 13.0 × 3.6 × 25.40	2700	1	303491	PK10	4011890072363
	500 × 13.0 × 3.6 × 25.40	2450	1	303492	PK10	4011890072370

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





LD60

PRO LINE ●●○



- Lifetime
- Cutting ability

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

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



LD60

	⊕	mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔧	300 × 11.0 × 2.8 × 25.40*	6400	1	303494	PK10	4011890072394
🔧	350 × 11.0 × 3.0 × 20.00	5500	1	303747	PK10	4011890085226
🔧	350 × 11.0 × 3.0 × 25.40*	5500	1	303496	PK10	4011890072417
🔧	400 × 11.0 × 3.2 × 25.40*	4800	1	303497	PK10	4011890072424
🔧	450 × 11.0 × 3.6 × 25.40	2700	1	303498	PK10	4011890072431
🔧	500 × 11.0 × 3.6 × 25.40	2450	1	303499	PK10	4011890072448

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



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	LD460 MULTI PRO	LD4	DG35	DG55
	∅ mm	115-400	300-400	115-230	115-230
Quality reference					
Lifetime/cutting ability	●●●●●●	●●●●●○	●●●●○	●●●●○	●●○○○
Machine suitability					
Material					
Porcelain				○	
Granite	●	◐	●	●	●
Hard concrete with aggregates	◐	●	◐	◐	
Ceramic/porcelain tiles/ Glazed tiles/High-fired tiles			●	○	○
Marble	●		◐	○	○
Hard paving stones	●	●	◐	◐	
Clay roof tiles	●	●		◐	○
Hard bricks/Reinforced concrete/steel concrete/ Concrete pipes/kerbstones	●	●	◐	○	
Concrete/paving bricks/ Hard stone/paving slabs	●	●	◐	◐	○
Medium-hard bricks	●	●	◐	○	○
Slate	◐	○	●	○	
Sand-lime brick (hard)	◐	◐	○	○	
Concrete bricks (hard)	●	●	○	○	
Concrete blocks	●	●	○	○	○
Concrete roof tiles	●	●	○	◐	○
Sandstone	◐	◐			
Hollow concrete blocks	●	●	○	◐	○
Asphalt		○			
Concrete bricks (soft)	●	●			



≤ 230 mm 300-400 mm

LD410 SPEED

TOP LINE ●●●

mm: 13,0-17,0

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



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

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

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



mm: **13,0**

LD460 MULTI PRO



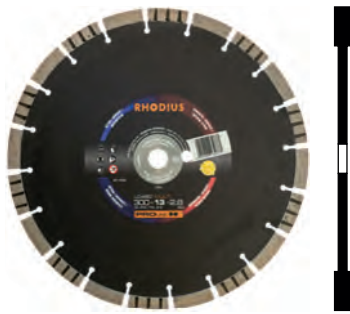
PRO LINE ●●●○

●●●●○ Lifetime
●●●●○ Cutting ability

Generalist for motor cutoff saws – ideal for a wide range of materials

- Universal disc for use in a wide range of materials for landscaping and civil engineering
- No need to change discs for different materials
- Wet and dry cutting

i The LD460 MULTI PRO is a general-purpose motor cutter. It impresses with its consistent cutting performance in granite, concrete, sandlime brick and even asphalt. The laserwelded, forged segments ensure low-vibration and clean cuts. Suitable for wet and dry cutting.



LD460

	⊕	mm	mm	mm	mm	Produkt-kategorie	GTIN/Sik. EAN/Stk.
		300 × 13.0 × 2.8 × 20.0 mm	6400	1	395106	PK10	4011890132777
		300 × 13.0 × 2.8 × 25.4 mm	6400	1	395105	PK10	4011890132760
		350 × 13.0 × 3.0 × 20.0 mm	5500	1	395101	PK10	4011890132722
		350 × 13.0 × 3.0 × 25.4 mm	5500	1	395102	PK10	4011890132739
		400 × 13.0 × 3.2 × 20.0 mm	4800	1	395103	PK10	4011890132746
		400 × 13.0 × 3.2 × 25.4 mm	4800	1	395104	PK10	4011890132753

mm: **12,0**

LD4



PRO LINE ●●●○

●●●●○ 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. Laserwelded. 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
- Laserwelded

80 m/s



LD4

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

Straight



DG35

PROLINE ●●●○



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

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

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

DG35

	⊕	④/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔧	115 × 10.0 × 2.0 × 22.23	13300	1	302236	PK10	4011890050378
🔧	125 × 10.0 × 2.0 × 22.23	12250	1	302239	PK10	4011890050385
🔧	180 × 10.0 × 2.5 × 22.23	8500	1	302242	PK10	4011890050392
🔧	230 × 10.0 × 2.5 × 22.23	6650	1	302245	PK10	4011890050408



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. Diamond cutting disc with turbo cutting edge. Also, ideal for 115 mm and 125 mm battery powered machine.

- Universal application for natural stones
- Good price-performance ratio
- Continuous turbo rim enables high cutting speed and clean cutting edges
- Wet and dry cutting
- Also, ideal for 115 mm and 125 mm battery powered machine

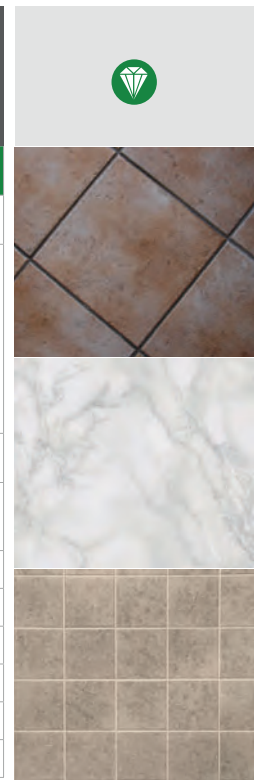
DG55

	⊕	④/min	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔧	115 × 7.0 × 1.9 × 22.23	13300	1	303402	PK10	4011890071816
🔧	125 × 7.0 × 1.9 × 22.23	12250	1	303404	PK10	4011890071823
🔧	180 × 7.0 × 2.2 × 22.23	8500	1	303408	PK10	4011890071847
🔧	230 × 7.0 × 2.5 × 22.23	6650	1	303410	PK10	4011890071854



DIAMOND CUTTING DISCS / TILES, CERAMICS

Explanation of symbols		Reference	DG65	DG10	DG15	LD1	DG45	DG25	DG50
<p>●●●●●○ Points system</p> <p>Lifetime The lifetime indicates the maximum working life for the tool.</p> <p>Cutting ability The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		∅ mm	125	115-350	115-125	115-230	115-125	115-230	105-250
		Quality reference	TOP LINE ●●●●	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			●	●	●	●	○	●	○



DG65 ACCU CROSS

TOP LINE ●●●●



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

Using the DG65 ACCU CROSS TOP, users can cut tiles and grind edges with just one disc.

- It has been specially developed for tiles
- Also particularly suitable for use with cordless angle grinder
- The thin carrier sheet limits battery use while you work. Suitable for wet and dry cutting



Straight

DG65

					Product category	GTIN/pc. EAN/pc.
	125 x 7.5/25 x 1.6 x 22.23	12250	1	353349	PK10	4011890129944



≤ 230 mm (80 m/s) ≥ 300 mm (100 m/s)

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. 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

	⊕	V _{min}	📦	📱	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 × 2.2 × 25.40	6400	1	303608	PK10	4011890082270
🔪	350 × 10.0 × 2.4 × 25.40*	5500	1	303609	PK10	4011890082287

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

Straight



80 m/s

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

	⊕	V _{min}	📦	📱	Product category	GTIN/pc. EAN/pc.
🔪	115 × 10.0 × 1.4 × 22.23	13300	1	303900	PK10	4011890097670
🔪	125 × 10.0 × 1.4 × 22.23	12250	1	303870	PK10	4011890095638

Straight



mm: **5,0**

LD1

TOP LINE ●●●



80 m/s

●●●●○ 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
- Extrathin cutting disc for a high cutting speed and precise cuts
- Smooth continuous rim for a clean cutting edge
- Wet and dry cutting



Straight

LD1

	⊕	mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔪	115 × 5.0 × 1.2 × 22.23	13300	1	303101	PK10	4011890055342
🔪	125 × 5.0 × 1.2 × 22.23	12250	1	303102	PK10	4011890055359
🔪	180 × 5.0 × 1.9 × 22.23	8500	1	303103	PK10	4011890055366
🔪	230 × 5.0 × 1.9 × 22.23	6650	1	303104	PK10	4011890055373

mm: **10,0**

DG45

PRO LINE ●●○



80 m/s

●●●●○ 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



Straight

DG45

	⊕	mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
🔪	115 × 10.0 × 1.6 × 22.23	13300	1	302390	PK10	4011890038666
🔪	125 × 10.0 × 1.6 × 22.23	12250	1	302393	PK10	4011890049754



DG25

PROLINE ●●●○



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

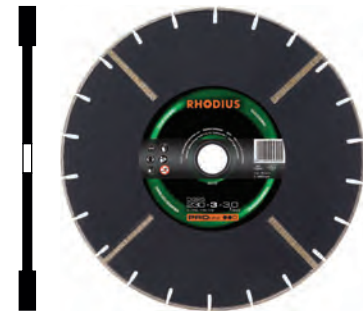
The DG25 is a electroplated special cutting disc and optimised for marble. It achieves short cutting times and a long lifetime. The DG25 makes very precise work much easier. Optimal free cut results in clean cutting edges. Suitable for wet and dry cutting.

- 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

	⊕	1/min	📦	📱	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

Straight



≥ 300 mm

DG50

ALPHALINE ●○○○



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

The DG50 offers an impressively good price-performance ratio. With its smooth continuous rim, it ensures clean cutting edges and is suited for universal use in tiles. Suitable for wet and dry cutting.

- Smooth continuous rim for clean cutting edges
- Universal application
- Good price-performance ratio
- Wet and dry cutting

DG50

	⊕	1/min	📦	📱	Product category	GTIN/pc. EAN/pc.
	115 × 7.0 × 1.6 × 22.23	13300	1	303053	PK10	4011890054062
	125 × 7.0 × 1.6 × 22.23	12250	1	303054	PK10	4011890054079
	150 × 7.0 × 1.6 × 22.23	10200	1	303197	PK10	4011890059388
	180 × 7.0 × 1.9 × 22.23	8500	1	303055	PK10	4011890054086
	180 × 7.0 × 1.9 × 25.40	8500	1	303056	PK10	4011890054093
	180 × 7.0 × 1.9 × 30.00*	8500	1	303710	PK10	4011890084571
	200 × 7.0 × 1.9 × 30.00*	7650	1	303711	PK10	4011890084588
	230 × 7.0 × 1.9 × 22.23	6650	1	303057	PK10	4011890054109
	230 × 7.0 × 1.9 × 25.40	6650	1	303058	PK10	4011890054116
	250 × 7.0 × 2.2 × 25.40	6150	1	304467	PK10	4011890123058

Straight



*Reducer rings to hole diameters of 25.4 mm and 22.23 mm included in each packing unit.

DIAMOND CUP WHEELS / ANGLE GRINDERS



Explanation of symbols		Reference	DS1	DS10	DS40	DS41
<p>●●●●●○ Points system</p> <p>Lifetime The lifetime indicates the maximum working life for the tool.</p> <p>Cutting ability The cutting ability provides information about the cutting speed of the tool.</p> <p>● = especially suitable ● = suitable ○ = less suitable</p>		∅ mm	115-180	100-180	100-125	100-180
Quality reference			TOP LINE ●●●	PRO LINE ●●●	ALPHA LINE ●●●	ALPHA LINE ●●●
Lifetime/cutting ability			●●●●●○	●●●●●○	●●●●●○	●●●●●○
Machine suitability						
Material	Hard concrete with aggregates		●	●		
	Hard bricks		●	●	●	●
	Reinforced concrete/ steel concrete		●	●		
	Concrete/paving bricks		●	●	●	●
	Medium-hard bricks		●	●	●	●
	Sand-lime brick (hard)		●	●	○	○
	Concrete bricks (hard)		●	●	○	○
	Concrete blocks		●	●	○	○
	Sandstone		●	●		
	Hollow concrete blocks		○	●		
	Green concrete		○	●		
	Concrete bricks (soft)		○			



DS1

TOP LINE ●●●



80 m/s

●●●●●○ Lifetime
●●●●●● Stock removal

The DS1 is equipped with forged turbo segments, enabling maximum stock removal and extending the lifetime at the same time – a key advantage when processing concrete products. The user saves time, especially when levelling formwork joints.

- Maximum stock removal
- Ideal for levelling formwork joints
- Forged turbo segments for rapid, aggressive stock removal and a long lifetime

Also suitable for Hilti machines



Diamond cup wheel

DS1

					Product category	GTIN/pc. EAN/pc.
	115 × 5.0 × 8.0 × 22.23	13300	1	303868	PK10	4011890095614
	125 × 5.0 × 8.0 × 22.23	12250	1	303504	PK10	4011890072479
	180 × 5.0 × 8.0 × 22.23	8500	1	303506	PK10	4011890072486



50
m/s

DS10

PROLINE ●●●○



Lifetime ●●●●○○
Stock removal ●●●●○○

The high diamond concentration of the DS10 enables trouble-free, aggressive grinding over a long period.

- High concentration of diamonds
- Long lifetime
- Aggressive grinding

DS10

					Product category	GTIN/pc. EAN/pc.
	100 × 5.0 × 8.0 × 22.23	15300	1	302916	PK10	4011890042724
	100 × 5.0 × 8.0 × M14	15300	1	302927	PK10	4011890042793
	125 × 5.0 × 8.0 × 22.23	12250	1	302917	PK10	4011890042731
	125 × 5.0 × 8.0 × M14	12250	1	302928	PK10	4011890042809
	180 × 5.0 × 8.0 × 22.23	8500	1	303766	PK10	4011890089996

Diamond cup wheel



50
m/s

DS40

ALPHALINE ●●○○



Lifetime ●●●●○○
Stock removal ●●●●○○

The DS40 is a very good choice for the cost-conscious professional. The DS40 achieves high stock removal and makes work easier thanks to efficient dust removal.

- Good dust removal
- Good stock removal
- Good price-performance ratio

DS40

					Product category	GTIN/pc. EAN/pc.
	100 × 5.0 × 8.0 × 22.23	15300	1	PK10	PK10	4011890071885
	125 × 5.0 × 7.0 × 22.23	12250	1	PK10	PK10	4011890061312

Diamond cup wheel





DS41

ALPHALINE ●○○



50 m/s

- Lifetime
- Stock removal

The positioning of the diamond segments prevents quick clogging of the cup wheel and enables excellent dust removal at the same time.

- Prevents clogging
- Excellent dust removal



Diamond cup wheel

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.

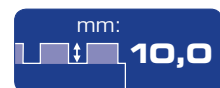
- = especially suitable
- ◐ = suitable
- = less suitable

Material	Machine suitability	Reference	CD10	CD15	CD30	CD40
		Ø mm	68-82	68-82	6-70	6-14
		Quality reference				
		Lifetime/cutting ability	●●●●●○	●●●●●○	●●●●●○	●●●●●○
		Machine suitability				
Porcelain					◐	◐
Granite					◐	◐
Hard concrete with aggregates			○	○		
Ceramic/porcelain tiles					◐	◐
Glazed tiles					●	●
High-fired tiles					◐	◐
Marble					●	●
Reinforced concrete/steel concrete			○	○		
Concrete/paving bricks			●	●		
Medium-hard bricks			●	●		
Sand-lime brick (hard)			●	●		
Concrete blocks			●	●		
Sandstone			○	○		
Hollow concrete blocks			●	●		
Green concrete			○	○		
Concrete bricks (soft)			◐	◐		



CD10

PRO LINE ●●●○



The core drill CD10 convinces the professional with its high drilling speed and with a very long lifetime. The CD10 can be ideally complemented with the CDS accessories package.

Lifetime ●●●●●○
Stock removal ●●●●●○

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

CD10

	⊕	rpm	PC	PC	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



PROLINE ●●○

●●●●○ Lifetime
●●●●○ Stock removal

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

- Universal application in old and new constructions
- Particularly suitable for indoor applications
- Matching extraction 304018
- The CD15 can be ideally complemented with the CDS accessories package.



CD15

	⊕	📦	💻	Product category	GTIN/pc. EAN/pc.
🔧	68 × 9.0 × 3.5 × M16	1	304028	PK10	4011890111185
🔧	82 × 9.0 × 3.5 × M16	1	304016	PK10	4011890110430
🔧	CD15 suction	1	304018	PK10	4011890110423



CDS



PROLINE ●●○

●●●●○ Lifetime
●●●●○ Stock removal

Matching accessories for CD10, CD30 and CD40 products

- Matched to core drill
- Drilling support for tile core bits



CDS

	⊕	📦	💻	Product category	GTIN/pc. EAN/pc.
🔧	SDS adapter	1	303509	PK10	4011890072509
🔧	6-point adapter	1	303510	PK10	4011890072516
🔧	Centre drill	1	303511	PK10	4011890011041
🔧	Drilling support	1	303860	PK10	4011890095553



CD30

PRO LINE ●●●○



Lifetime ●●●●○○
Stock removal ●●●●○○

The CD30 tile drill bit has been designed especially for use on angle grinders with an M14 thread. On smaller diameters, the internal wax layer ensures a cool cut, even at high cutting speeds. This minimises any risk of splintering on the edge of the drill hole. The CD30 also offers users an impressively long tool life.

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

CD30

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

- Cooling internal wax



CD40

PRO LINE ●●●○



Lifetime ●●●●○○
Stock removal ●●●●○○

The CD40 tile drill bit has been designed especially for use on handheld drills with a 1/4" bit adapter. On smaller diameters, the internal wax layer ensures a cool cut, even at high cutting speeds. This minimises any risk of splintering on the edge of the drill hole. The CD40 also offers users an impressively long tool life.

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

CD40

	⊕	mm	📦	🖨️	Product category	GTIN/pc. EAN/pc.
	6 × 6-point - 1/4" bit adapter	3000	1	303855	PK10	4011890095508
	8 × 6-point - 1/4" bit adapter	3000	1	303856	PK10	4011890095515
	10 × 6-point - 1/4" bit adapter	3000	1	303857	PK10	4011890095522
	12 × 6-point - 1/4" bit adapter	3000	1	303858	PK10	4011890095539
	14 × 6-point - 1/4" bit adapter	3000	1	303859	PK10	4011890095546
	4-piece set (6. 8. 10. drilling support)	3000	1	303861	PK10	4011890095560





OCCUPATIONAL SAFETY

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RESPIRATORY PROTECTION 219



QUICK NUT 219

SE10

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



SE10



Reference			Product category	GTIN/pc. EAN/pc.
Safety goggles	1	900383	PKSON	4011890061916

SE20

Protection and comfort. Maximum protection! Top quality! Modern design! Noise puts a lot of strain on your hearing, especially when grinding. The SE20 protects your hearing. The adjustable design can be adapted to different head sizes. The earmuffs can be folded up compactly when not in use. The padded headband and soft ear pads offer maximum comfort even when worn for long periods. Reduces noise levels by up to 30 dB, tested in accordance with EN 352:2020 (CE2797). SNR (signal-to-noise-ratio) 30.



SE20

Reference			Product category	GTIN/pc. EAN/pc.
Ear muffs	1	900384	PKSON	4011890061886

SE30

The safe protection for your best tool – your hands. The sturdy all-leather working gloves are made of high-grade calf leather and are suitable for all kinds of heavy-duty work. These soft well-processed gloves offer excellent wearer comfort and a firm grip. Tested according to EN 388.

SE30

Reference			Product category	GTIN/pc. EAN/pc.
Leather gloves	12	900385	PKSON	4011890061909



SE40

For use when working with dusts, smoke and water-based aerosols at concentrations up to 10x the threshold limit value (TLV). The ActivForm design lets the mask adjust automatically to the wearer's personal face shape. The special outer structure keeps the mask in optimum shape during the entire period of use. The exhale valve prevents glasses fogging up during expiration – ideal for use when wearing prescription lenses or safety goggles.

SE40

Reference			Product category	GTIN/pc. EAN/pc.
Dust mask	20	900386	PKSON	4011890061923



RHO-LOCK

The quick-release nut makes it possible to change grinding wheels on angle grinders without additional tools. With a simple application, the abrasive is secured within a few seconds. The Quick Nut can be loaded up to a maximum of 15,500 rpm.

 Not suitable for panes thinner than 1 mm.

RHO-LOCK

Reference			Product category	GTIN/pc. EAN/pc.
Quick Nut	1	920906	PSON	4011890129487



RHODIUS

FACTS AND FIGURES

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



Formation

1952

Head office

BURGBROHL

Export ratio (to more than 100 countries)

70 %

Annual turnover (in EUR million)

64,5 MIO €

Employees

313

Nationalities

29



CARBORUNDUM
UNIVERSAL
1IV

RHODIUS & CUMI

MAKING A MATERIAL DIFFERENCE

In 1954, CUMI started manufacturing sandpaper and later focused on aluminum oxide and silicon carbide products. Over 60 years, CUMI discovered how these materials tackle real-world problems for various industries. CUMI's expertise led to global success in abrasives due to hardness, refractory products for managing heat, ceramics' wear resistance, and aluminum oxide's use in high-voltage protection. They've utilized these properties for alternative energy, extended asset life in chemical industries, and thermal energy storage.

Materials science engineering offers exciting possibilities for clean mobility, energy, and the environment. CUMI is committed to enhancing current solutions' effectiveness while developing sustainable high-performance materials and technologies for future needs. CUMI pioneers material innovation, aiming to contribute to a greener future, addressing global challenges sustainably.

By joining forces, we have the power for unique Value from the raw material to the end product.

Our Vision

We will be a globally admired company driving innovations in Materials Science towards sustained value creation for people and our planet.

Our Mission

We design, co-create and deliver sustainable solutions to make a significant positive difference to all our stakeholders

Our Purpose

Making a material difference.

CUMI

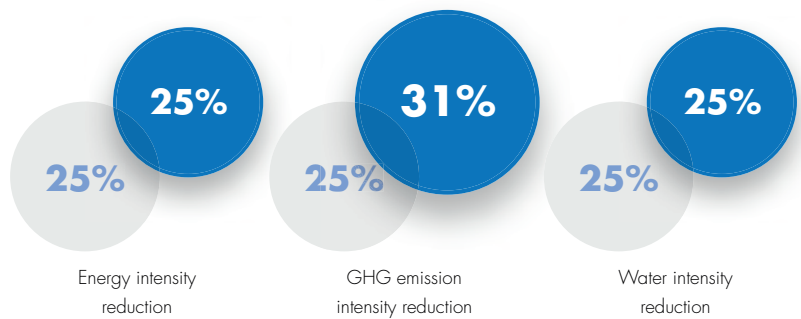
BUILDING A SUSTAINABLE FUTURE



At Carborundum Universal Limited (CUMI), sustainability is not just a corporate priority, but it is an integral part of the company's vision. CUMI with its headquarters at India is aligned to the Indian sustainability reporting BRSR (Business Responsibility and Sustainability Reporting) along with its Annual Report. CUMI strives to embed ESG principles into every layer of its operations, from production to governance and community engagement.

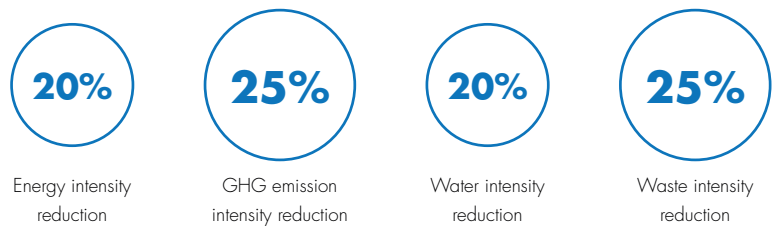
CUMI's environmental efforts are rooted in transition toward low-carbon and resource-efficient operations. CUMI is happy to share that the sustainability targets set in 2021 were exceeded.

● Target 2025 ● Status BY24-25



As a leading organization, CUMI has rolled out its 2030 Sustainability Roadmap

○ Target 2025-2030



Enhancing the share of renewable energy by 50% in total electrical energy consumption has been taken up as a priority (by 2030).

The GHG emission intensity reduction achievement is majorly attributed to usage of onsite solar, hydro energy, gas-based power, and low carbon fuels. Moreover, the Company undertakes projects focused on energy intensity reduction.

Dedicated attention has been given to water management, which is a very vital resource. CUMI has leveraged opportunities to increase its capacity for efficient reprocessing. Thus, making its facilities zero liquid discharge (as applicable). About 25% of the Capex was spent on the areas of Sustainability improvement activities in 2024-25.

Etwa 25 % der Investitionsausgaben wurden in den Jahren 2024-25 für Maßnahmen zur Verbesserung der Nachhaltigkeit aufgewendet.



THERE FOR YOU



Applications Engineering Support

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



Know-how transfer

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



DEALER SUPPORT

AS INDIVIDUAL AS YOUR CUSTOMERS

RHODIUS Sales advice

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

Our live demos literally bring our "Simplify your work" performance guarantee to life. We know all about the requirements that professional users have for the grinding tools they use in their day-to-day work. So we provide retail partners with individual, application-specific advice for their discerning customers, which can also include joint site visits to the client.



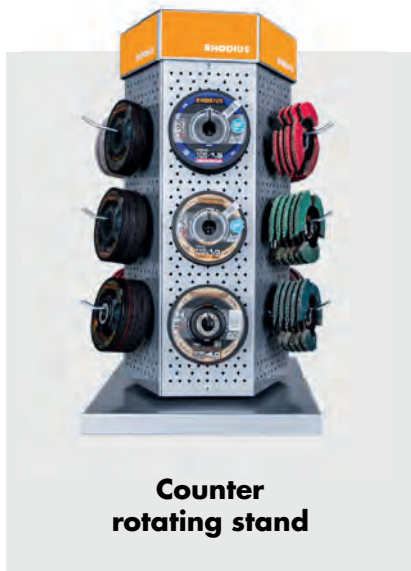
Counter displays

RHODIUS Sales promotion

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

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

We provide marketing kits suitable for almost any volume of merchandise – and also usable as a storage space rather than a sales area.



Counter rotating stand



Live product demonstrations



360° QUALITY

**SEND IN
YOUR DATA
REQUEST
FORM
TODAY!**

As a dealer, the RHODIUS Content Manager gives you access to relevant, correct and up-to-date data. This lets you offer your customer the right information at every touch point along their customer journey, guiding them to a guaranteed purchase decision.

service@rhodius.eu



The RHODIUS image library – always at your fingertips! Our Canto media portal provides you with our latest product and application images, as well as videos in up to eleven languages for use in your advertising materials and to support your sales activities.



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Product texts
Short/long text, USP breakdown, product title



Product and user videos



Product data
technical and commercial



Clear pictogram assignment



Product images and packaging
imagery for each part number



**Data sheets and optional
product information**



Application images for all categories



Conformities



GPSR ready

Trade
CSV / XLSX

Your online platform:
Shop, marketplace, etc

**Your optimum product and process
data:** Shop, ERP, PIM, etc.



100%

QUALITY FOR ANY APPLICATION

For over 70 years, we've followed every dip and rise in the market, and walked many miles in our customer's shoes to understand their challenges. So when it comes to customer requirements, we really do know what it is. We apply this knowledge in our factories to produce premium, Made-in-Germany tools that perfectly match the various industry needs and special applications. Our three quality references perfectly represent the requirements for cost-effectiveness and product value. As a result, we give you the freedom to choose the product with the best price-performance ratio for you and your specific project.

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.



RHODIUS
COMPETENCE CENTER

GOOD ADVICE BEGINS WITH KNOWLEDGE

Through targeted training courses for your employees, we pass on our expertise directly – in a practical, understandable and application-oriented manner. This creates consulting expertise that convinces and builds trust. Because those who understand can advise better.



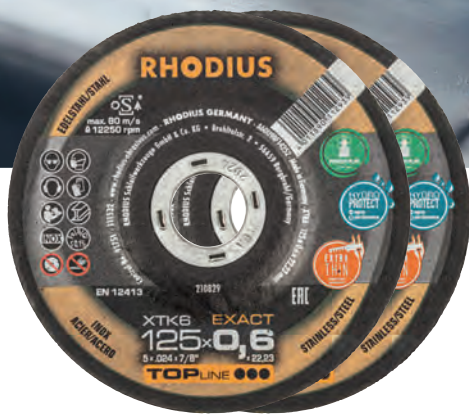
Continuous innovation

and improvement of product properties
in our own research and development department.



Technical Support

Consulting, application support,
process optimisation and support from
the technical field service.



RANGE WITH ESPECIALLY THIN CUT WIDTH:

- XTK6 EXACT P. 015
- XTK8 EXACT P. 020

EXTRA THIN TECHNOLOGY

MAXIMUM PRECISION WHEN CUTTING

Exceptionally small contact area

Quick, cool cut

Reduced blue discolouration

Precise, burr-free cutting

Less rework

The processing of high-alloy steels, high-strength steels or sheet metal allows 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

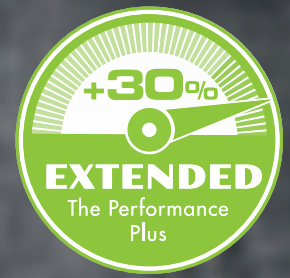
impressive features such as outstanding smooth operation and maximum precision while cutting with noticeably less effort required. Even with especially hard materials such as spring steels or stainless steel sheets, virtually no rework is required, thanks to the precise and cool cut.

HOW THE XTK6 WORKS:

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

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





OUR POWER PRODUCTS:

- | | | | |
|-----------------------|--------|-----------------------|--------|
| • XT100 EXTENDED | P. 020 | • JUMBO SPEED EXT. | P. 108 |
| • XT200 EXTENDED | P. 025 | • LSZ F EXTENDED | P. 111 |
| • RS580 EXTENDED | P. 085 | • LD404 EXTENDED | P. 194 |
| • JUMBO LONGLIFE EXT. | P. 109 | • RS480 PIPELINE EXT. | P. 087 |
| • XT70 EXTENDED | P. 023 | | |



EXTENDED TECHNOLOGY

SIMPLY MORE PERFORMANCE

Especially quiet, smooth-running and low-vibration work

Sharp from the start

Measurably more cost-effective

Easy to work

To ensure we can offer you optimum product performance at all times, all of our cutting and grinding discs are regularly given tests and performance updates. This requires continuous optimisation of our formulations and improvement in our in-house production technologies and manufacturing processes. Our aim is to ensure the best possible performance for your tried and tested RHODIUS

product at all times. Alongside improving cutting and grinding performance itself, we also work continuously to improve factors such as rework, noise, ergonomics, dust generation, grinding feel and sustainability. With all of these considerations, the calculable benefits – namely product performance – always has is the priority.

EXTENDED 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 025



JUMBO LONGLIFE
TRIM

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 109



LD404 ALL IN ONE
EXTENDED

Thanks to the optimum combination and the clever wave structure of the diamond segments, the RHODIUS LD404 easily delivers extremely clean and straight cuts on wall chasers.

Page 194





OUR POWER PRODUCTS:

- | | | | | | |
|-----------------|--------|---------------------|--------|---------------|--------|
| • XTK6 EXACT | P. 015 | • XT24 | P. 028 | • VISION PRO | P. 106 |
| • XT15 ACCU BOX | P. 024 | • XT69 MULTI | P. 030 | • LD410 SPEED | P. 203 |
| • XTK8 EXACT | P. 020 | • XTK69 MULTI CROSS | P. 031 | • DG15 | P. 207 |
| • FS1 FUSION | P. 087 | | | | |

POWER PLUS TECHNOLOGY

FULL POWER – EVEN ON BATTERIES!

Full power at low machine rpm

Extended battery life

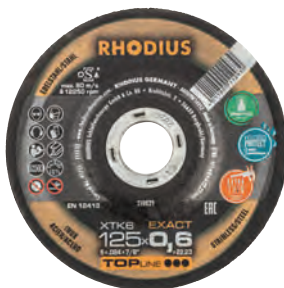
More cuts on one charge

Aggressive grinding

Battery-powered angle grinders have specific requirements that need to be met by cutting and grinding discs: RHODIUS has several innovative solutions available that ensure the many advantages of battery-powered machines can be exploited to the fullest. These products have been fine-tuned to optimise battery life

and offer maximum power at low machine rpm. Only the highest quality abrasive grain mixes and specialised bonds are used, plus extra-thin form factors that guarantee aggressive grinding and more cuts per charge. These cutting and grinding discs can be identified by their POWER PLUS badge.

POWER PLUS HIGHLIGHTS



XTK6 EXACT

At just 0.6 mm, the XTK6 EXACT is the world's thinnest cutting disc. This has a lot of practical advantages. Used on battery machines, it offers a lower level of resistance – so less power is needed for clean, cool cuts.

Page 015



XT15 ACCU

To see what the XT15 ACCU has been designed for, just look at its name: it's the first RHODIUS cutting disc specially developed for use on battery-powered angle grinders. Where the 1 mm-thick cutting disc offers users impressively high cutting speeds.

Page 024



FS1 FUSION

The RHODIUS FS1 FUSION combines the power of a grinding disc with the fine surface finish achieved by a flap disc. Ideal for work on fillet welds, this tool can be easily shaped and is an outstanding choice for battery-powered angle grinders thanks to its very soft structure.

Page 087





BETTER LONG-TERM PERFORMANCE:

• XTK6 EXACT	P. 015	• XT38	P. 022	• XTK10	P. 021
• XTK8 EXACT	P. 020	• XT67	P. 026	• XTK20	P. 026
• XT10 EXTENDED	P. 021	• XT100 EXTENDED	P. 020	• XTK35 CROSS	P. 016
• XT20	P. 026	• XT200 EXTENDED	P. 025	• XTK38	P. 022
• XT24	P. 028			• XTK67	P. 027

HYDRO PROTECT TECHNOLOGY

PERFORMANCE PROTECTOR FOR EXTRATHIN CUTTING DISCS

Lasts longer in storage

Better long-term performance

More cuts per disc

Excellent value for money

Resin-bonded abrasive discs age and their performance degrades over time, even if they are not being used. Since moisture accelerates ageing, RHODIUS has developed HydroProtect, a special formula that slows the ageing process while retaining abrasive disc performance over the long term. This offers key benefits for purchasing and dealer stock-keeping while ensuring long-term high performance for trade professionals. An independent performance test for the XT10 reveals the difference:

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.



**Conventional
abrasive disc**

Atmospheric humidity between the bond matrix and grain means the grain breaks off uselessly.



**HydroProtect
abrasive disc**

Barrier layer protects against premature breakout of the grain, working to optimise performance and efficiency.

MORE
PERFORMANCE
WHEN IT'S NEEDED

+65%

In comparison to average values from competitors.

*Diagram showing performance losses by disc loss from the RHODIUS XT10 versus the average of key market competitors offering extra-thin stainless steel cutting discs. Ageing test in an accelerated alternating climate: Final value after 7 days, equivalent to ageing of 7–10 months under real-world conditions. Performance test: disc loss in mm after combined machine test (20 cuts in 15 x 15 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)



FOUR WAYS TO A **BETTER PERSPECTIVE:**

- VISION PRO P. 106
- VISION COOL P. 105
- VISION SPEED P. 104
- VSK VISION P. 107

VISION TECHNOLOGY

CONTINUOUS VISUAL MONITORING WHILE GRINDING

Controlled material abrasion with an unimpeded view while grinding

Cool grinding

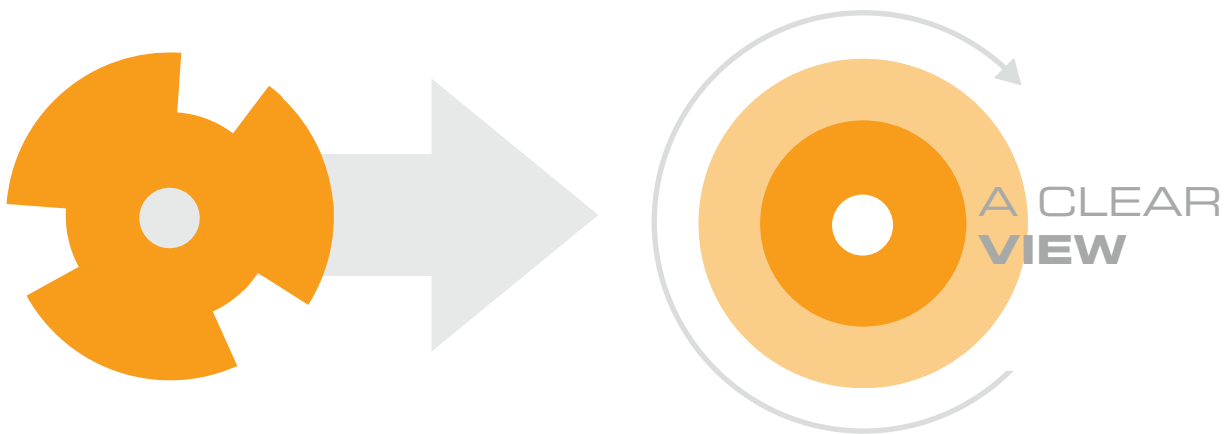
Excellent surface quality

Less discolouration

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.

VISION TECHNOLOGY HOW IT WORKS:





OUR DISCS WITH **EXTRA BITE:**

- | | | | | | |
|------------------|--------|-----------------------|--------|----------------|--------|
| • XT100 EXTENDED | P. 020 | • JUMBO SPEED EXT. | P. 108 | • VISION SPEED | P. 104 |
| • XT200 EXTENDED | P. 025 | • JUMBO SPEED P XLOCK | P. 117 | • KFK | P. 122 |
| • RS580 EXTENDED | P. 085 | • JUMBO LONGLIFE | P. 109 | • RS480 | P. 086 |
| | | • FS K | P. 137 | | |



CERAMICON TECHNOLOGY

MAXIMUM STOCK REMOVAL

Higher performance

Maximum stock removal and speed

Time and cost savings

Up to 3x the lifetime

Virtually clog-free

Our cutting discs, grinding disc and flap discs with ceramic abrasive grain with optimally matched bond and coating comes 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.

CERAMICON HIGHLIGHTS



XT100
EXTENDED

The ideal problem solver for extremely difficult materials. Even in very hard materials such as spring and armour steels, the XT100 simply cuts more easily and noticeably more aggressively.

Page 020



RS580 SPEED
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 085

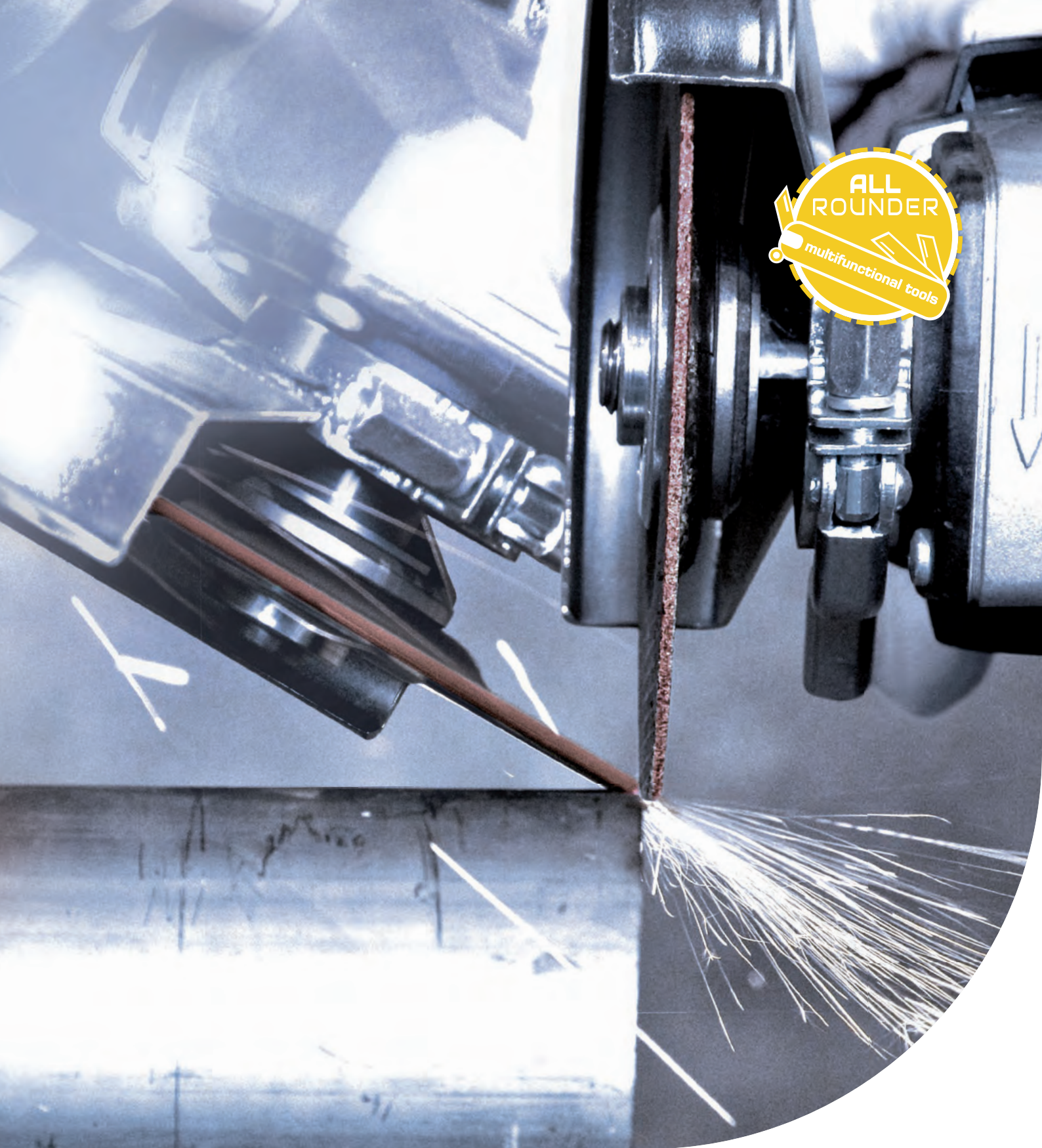


JUMBO SPEED
EXTENDED

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 108





OUR **ALL-ROUNDERS**:

- XTK35 CROSS P. 016
- VSK VISION P. 107
- XTK69 MULTI CROSS P. 031
- LD403 S ALL IN ONE P. 194
- LD404 ALL IN ONE P. 194
- DG65 P. 206

ALL-ROUNDER TECHNOLOGY

MULTIPLE WORK STEPS WITH JUST ONE TOOL

Demanding jobs made significantly easier

Efficiency improvements

Saves time and money

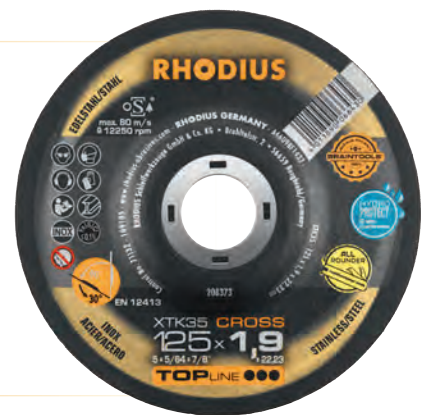
Multiple work steps can be combined

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

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

HOW THE XTK35 CROSS WORKS:

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.





X-LOCK

OUR X-LOCK RANGE:

- | | | | | | |
|--------|--------|-----------------|--------|---------|--------|
| • XT38 | P. 022 | • JUMBO SPEED P | P. 117 | • LD300 | P. 206 |
| • XT70 | P. 023 | • VISION SPEED | P. 112 | | |
| • FT33 | P. 035 | • LSZ F1 | P. 123 | | |

X-LOCK TECHNOLOGIE

FASTEST TOOL CHANGING

Fast, convenient tool change

Faster work

Backwards compatible

The innovative technologies from RHODIUS which bring even more performance to metalworking can now also be used in combination with BOSCH Professional angle grinders with the X-LOCK system.

Thanks to simple and convenient tool changing, you can now work even faster. Of course, RHODIUS discs with X-LOCK are also backwards compatible.

X-LOCK HIGHLIGHTS

VISION SPEED
X-LOCK

The flap discs of the RHODIUS VISION series for the X-LOCK system deliver a decisive advantage with their transparent design. Users can see where they are working and how cleanly and accurately they are working in a controlled manner.

Page 112



LD300
X-LOCK

This disc was specially developed for the angle grinder. The 12 mm-high turbo segments allow for an extremely wide range of applications and ensure a very long service life. Equipped with the X-LOCK mount, the high-performance diamond cutting disc can now be changed even faster.

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333209	154	353042	073	353296	119
333210	154	353046	057	353297	119
333211	154	353047	057	353298	119
333212	154	353051	055	353301	194
333213	154	353052	070	353308	137
333215	154	353053	068	353309	137
333216	154	353056	077	353310	137
333217	154	353057	077	353311	137
333484	155	353058	077	353312	137
333485	155	353059	075	353313	137
333486	155	353060	075	353315	194
333488	155	353061	075	353347	200
333489	155	353063	166	353348	200
333491	155	353064	166	353349	206
333493	155	353065	166	353375	200
333641	158	353066	167	353389	166
333642	158	353067	167	353390	165
333643	158	353068	167	353391	157
333644	158	353070	165	353392	157
333646	158	353072	166	353393	157
333679	125	353073	165	353394	157
333680	125	353074	061	353395	157
333681	125	353075	074	353396	157
333682	125	353077	056	393538	197
333683	125	353078	056	395020	160
333684	125	353079	056	395101	204
333685	121	353080	054	395102	204
333686	121	353081	054	395103	204
333687	121	353082	054	395104	204
333688	121	353084	056	395105	204
353001	056	353085	061	395106	204
353002	056	353086	061	900383	218
353005	054	353087	059	900384	218
353006	054	353088	062	900385	219
353009	061	353089	060	900386	219
353010	061	353090	066	920906	219
353011	061	353091	066		
353012	061	353094	067		
353014	059	353095	065		

NOTES

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Detailed product descriptions,
data sheet availability and
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EXPLANATION OF SYMBOLS

Machines

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












Safety and application identification

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

Product table

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

Shapes

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

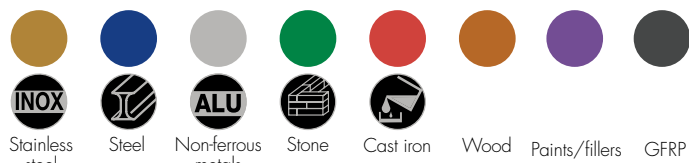
Wire types

 Flat wire	 Knotted wire
 Crimped wire	

EXPLANATION OF SYMBOLS

Material pictograms and colour coding

Resin-bonded abrasives and others



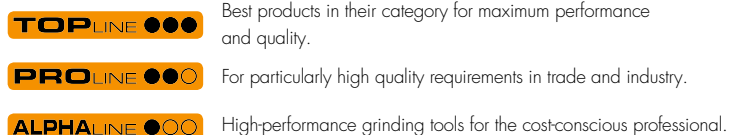
Diamond tools



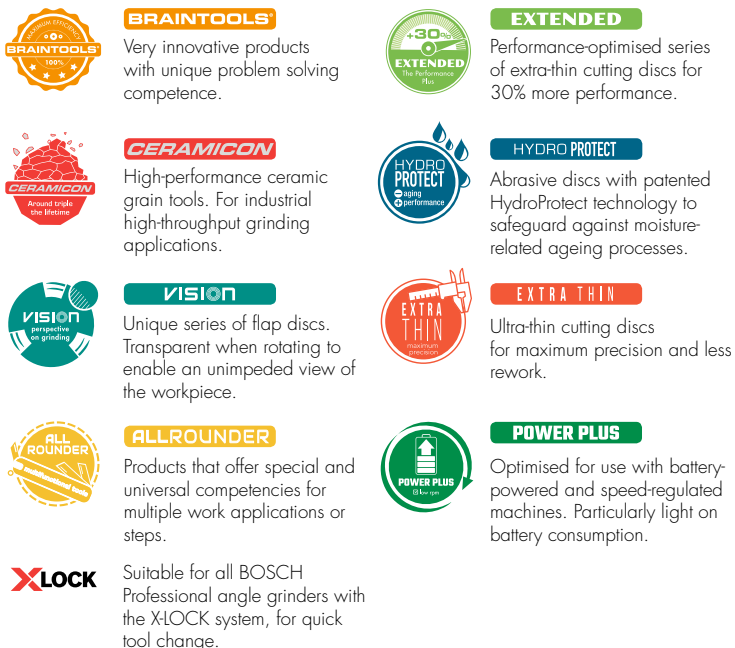
Dimensions and models



Quality system



Technologies



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