



NEWS
Price Catalogue 2016
valid from 01.04.2016

RHODIUS

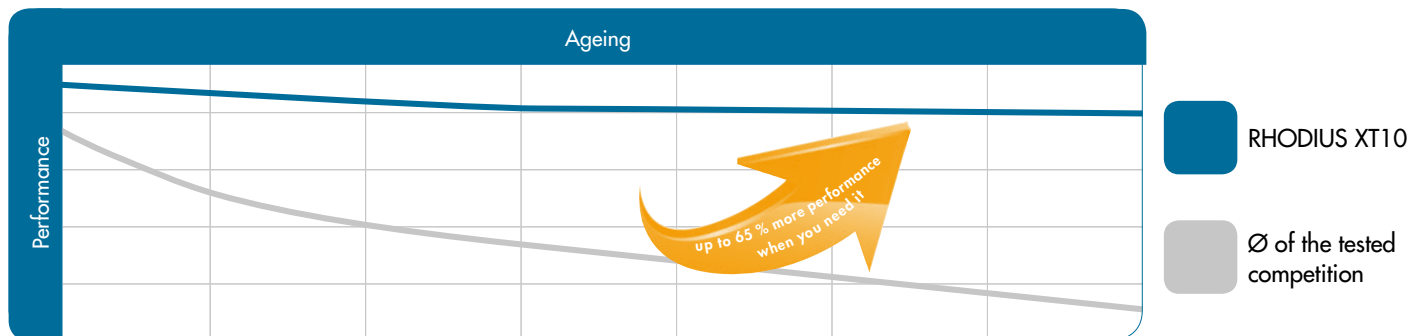
Simplify your work.



THE PROTECTION FOR YOUR PERFORMANCE

Humidity/Moisture in the air causes Resin bonded grinding discs to age and lose their performance over time when not in use. Rhodius has developed a unique formula – HydroProtect to slow down the ageing process caused by moisture and to **retain the performance of grinding discs** sustainably. This results in a **noticeable added value** to specialist dealers during purchase and storage of grinding discs/huge stocks. The end-user also benefits through **long lasting high performance**.

In an independent performance test, a simulation performed to imitate ageing process of grinding discs being stored for **seven to ten months** before their first use. The results reveal an obvious difference in performance which is graphed below, the conventional grinding discs without HydroProtect lose a lot of their performance in the first weeks after production whereas the **XT10 with this new and unique HydroProtect formula** effectively prevents the age-related performance loss thereby providing maximum performance after months of storage.



Loss of performance of extra-thin stainless steel cutting discs determined from the disc loss of the Rhodius XT10 compared to the average of the most important competitors. Ageing test in an accelerated alternating climate: final value after 7 days, corresponds to ageing under real conditions after 7-10 months. Performance test: disc loss in mm after a combination tool test (20 cuts in pipes, 15 x 15 x 1.5 mm, Inox 1.4301 & 10 cuts in solid material, Ø 14.00 mm, Inox 1.4571, with Flex FRA 1.4 kW). (02/2014)

BETTER STORAGE PROPERTIES

LONGER-LASTING PERFORMANCE

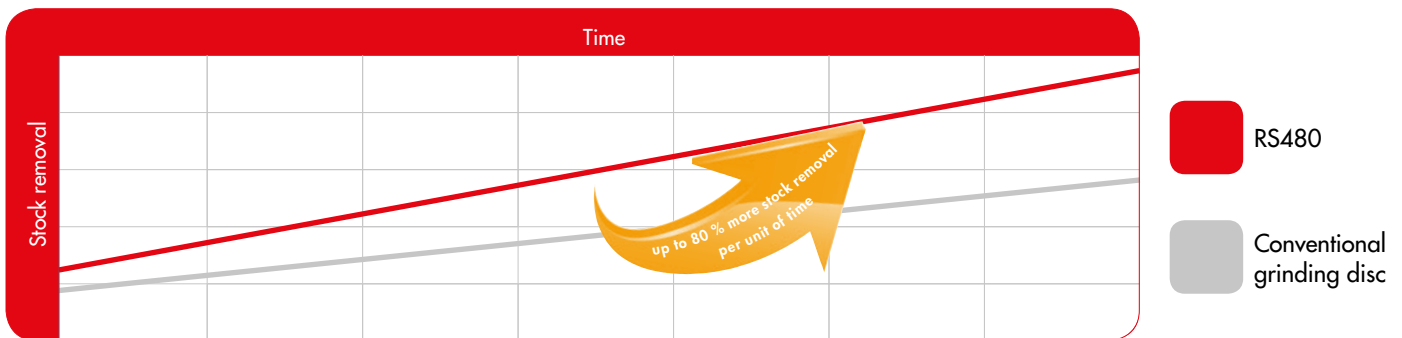
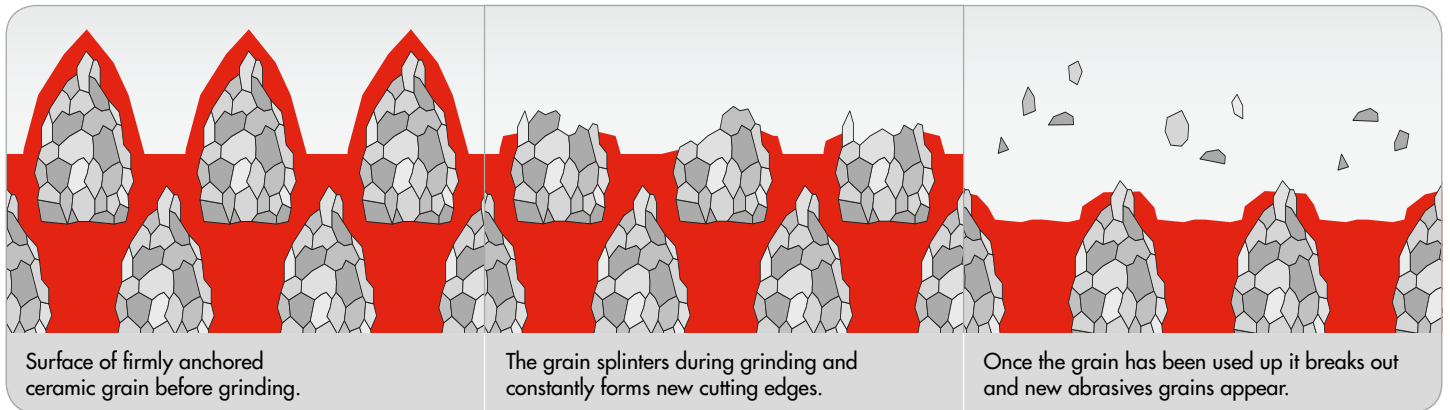
IMPROVED CUTTING PERFORMANCE

EXCELLENT PRICE-PERFORMANCE RATIO



MAXIMUM PERFORMANCE FOR THE MOST DEMANDING CONDITIONS

Maximum cutting efficiency and stock removal are the features of our high performance CERAMICON Line. With an aim to exploit the full potential of self-sharpening ceramic grains, we designed the bond to match the grain properties perfectly – The result will convince you right from the first cut through the endurance tests. In metal working processes where grinding is involved in large scale and performance can be measured, the complete CERAMICON assortment from RHODIUS increases productivity with an outstanding price-performance ratio. High grade ceramic grain from RHODIUS is and remains aggressive.



Stock removal after 15 min. of edge grinding by hand on ST37 (Black steel) with Flex FRA1400

**HIGHER CUTTING
EFFICIENCY**

**SHORTER
WORKING TIMES**

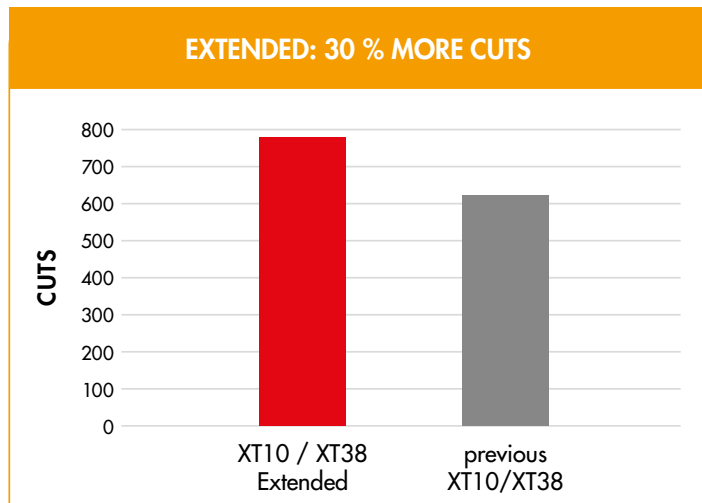
**LONGER
LIFETIME**

**EXCELLENT
PRICE-PERFORMANCE RATIO**

THE NEW XT EXTENDED SERIES

The new standard for maximum lifetime, performance and efficiency

XT10/XT38



Cuts of Inox, solid material, Ø 16 mm, Tool Test TM2; Flex 1,400 W

Achieve much lower costs per cut, shorter set-up times and thus measurably greater efficiency with the new, performance-optimised EXTENDED series of extra-thin cutting discs.

Ideal for powerful machines



+ 30% PERFORMANCE

mm: **1,0-1,9** **XT10 EXTENDED**

TOPLINE ●●●

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

- Low development of Burrs
- High cutting speed
- Few Sparks

Extremely powerful thin cutting disc for demanding applications.

XTK10 • Designation of abrasive discs according to EN12413: **A46U9BF1432**

Form					Product category	GTIN/Pcs. EAN/Pcs.		
41	150 x 1,5 x 22,23	10.185	25	206258	PK01	4011890056103		
	180 x 1,5 x 22,23	8.600	25	206259	PK01	4011890056110		
	230 x 1,9 x 22,23	6.600	25	206260	PK01	4011890056127		

XTK10 • Designation of abrasive discs according to EN12413: **A46U9BF1432**

Form					Product category	GTIN/Pcs. EAN/Pcs.		
42	180 x 1,5 x 22,23	8.600	25	206262	PK01	4011890056141		
	230 x 1,9 x 22,23	6.600	25	206263	PK01	4011890056158		

mm:
1,0-1,9

XT38 EXTENDED



PROLINE ●●○

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

- Low development of burrs
- High Cutting Speed
- Few Sparks

Extra Thin Cutting disc with long lifetime and optimal price-performance ratio. Ideal usage in combination with low powered machines.

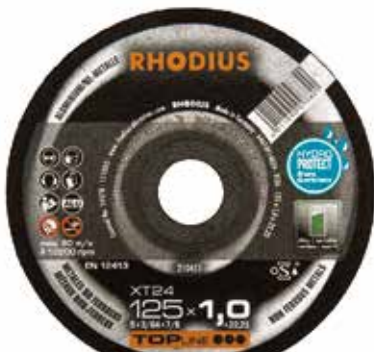
XT38 • Designation of abrasive discs according to EN12413: **A46T11BF1415**

Form	⊕	⊖/mm	📦	💻	Product category	GTIN/Pcs. EAN/Pcs.	i	
41	150 x 1,5 x 22,23	10.185	25	205700	PK01	4011890054239	Ideal for low power machines	
	180 x 1,5 x 22,23	8.600	25	205701	PK01	4011890054246		
	230 x 1,9 x 22,23	6.600	25	205702	PK01	4011890054253		

XTK38 • Designation of abrasive discs according to EN12413: **A46T11BF1423**

Form	⊕	⊖/mm	📦	💻	Product category	GTIN/Pcs. EAN/Pcs.	i	
42	150 x 1,0 x 22,23	10.185	25	209497	PK01	4011890090008	Ideal for low power machines	
	180 x 1,5 x 22,23	8.600	25	205721	PK01	4011890054468		
	230 x 1,9 x 22,23	6.600	25	205703	PK01	4011890054260		

ALUMINIUM PROCESSING XT24 ALU



nur 1,0 mm → || ←

The extra thin cutting disc for aluminium processing. New, now in 1.0 mm width. The even smaller disc width means an even faster cut, less dust, even fewer burrs, and all of this with the same high number of cuts as the XT24 in a 1.5 mm width.

mm:
1,0-1,9

XT24



TOPLINE ●●●

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

- Low development of burrs
- High cutting speed

Extra thin cutting disc with special filling material to prevent clogging of the disc. Ideal usage in combination with low powered machines.

XT24 • Designation of abrasive discs according to EN12413: **A24P-BF26**

Form	⊕	⊖/mm	📦	💻	Product category	GTIN/Pcs. EAN/Pcs.	i	
41	115 x 1,0 x 22,23	13.285	50	210450	PK01	4011890098806	Ideal for low power machines	
	115 x 1,5 x 22,23	13.285	50	205910	PK01	4011890055106		
	125 x 1,0 x 22,23	12.200	50	210451	PK01	4011890098820		
	125 x 1,5 x 22,23	12.200	50	205911	PK01	4011890055113		
	150 x 1,5 x 22,23	10.185	25	205912	PK01	4011890055120		
	180 x 1,5 x 22,23	8.600	25	205913	PK01	4011890055137		
	230 x 1,9 x 22,23	6.600	25	205914	PK01	4011890055144		

FLAP DISCS

LSZ F3

LSA F1

LSK FK

LGA ALU



Price attractive flap disc with zirconium. For good cutting efficiency and a long lifetime.

LSA F1(Fibre support) and LSA P1 (polyamide support). Now with performance-optimised abrasive belt for very good performances on steel.

The fillet weld specialist for processing stainless steel convinces through an unbeatable cost-effectiveness.

The ideal flap disc for long-life grinding of aluminium and other NF metals.

JUMBO SPEED

CERAMICON

●●●●●○ Lifetime
●●●●●● Stock removal

- High stock removal through ceramic grain
 - Specially suitable for tempered steels, tinner areas and titanium
 - Perfect for fillet grinding
- Large contact area with extra long flaps ensure a faster and aggressive grinding with very high stock removal.**

JUMBO SPEED										
Form										
	⊕	▣	φ/mm	□	□	Product category	GTIN/Pcs. EAN/Pcs.	i		
	150 x 22,23	40	10.185	10	303919	PK05	4011890098486			
	180 x 22,23	40	8.600	10	209812	PK05	4011890093986			

LSK FK

CERAMICON

●●●●●○ Lifetime
●●●●●○ Stock removal

- Ceramic grain ensures high stock removal
 - Optimized for use on fillet welding
 - Optimal price-performance ratio
- The combination of 10mm overhang of flaps and a stable support offers a long lifetime.**

LSK FK										
Form										
	⊕	▣	φ/mm	□	□	Product category	GTIN/Pcs. EAN/Pcs.	i		
	115 x 22,23	40	13.285	10	210249	PK05	4011890096901			
	115 x 22,23	60	13.285	10	210251	PK05	4011890096925			
	115 x 22,23	80	13.285	10	210276	PK05	4011890096963			
	125 x 22,23	40	12.200	10	210182	PK05	4011890095652			
	125 x 22,23	60	12.200	10	210183	PK05	4011890095676			
125 x 22,23	80	12.200	10	210184	PK05	4011890095690				



LSA F1



PROLINE ●●○

- Lifetime
- Stock removal

- Long Lifetime
 - Faster stock removal
 - More resistant fiber backing
- Aluminum Oxide flap disc with fiber glass support.**
Very good performance on Steel.

LSA F1 • leaning

Form	⊕	▒	1/1mm	📄	🖨️	Product category	GTIN/Pcs. EAN/Pcs.	i	
	115 x 22,23	40	13.285	10	202839	PK05	4011890050002		
	115 x 22,23	60	13.285	10	202842	PK05	4011890050019		
	115 x 22,23	80	13.285	10	202845	PK05	4011890050026		
	115 x 22,23	120	13.285	10	202848	PK05	4011890050033		
	125 x 22,23	40	12.200	10	202851	PK05	4011890050095		
	125 x 22,23	60	12.200	10	202854	PK05	4011890050101		
	125 x 22,23	80	12.200	10	202857	PK05	4011890050118		
	125 x 22,23	120	12.200	10	202860	PK05	4011890050125		



LSA P1



PROLINE ●●○

- Lifetime
- Stock removal

- Long Lifetime
 - Faster stock removal
 - Vibration dampening Polyamide Support
- Aluminum Oxide flap disc with fiberglass support.**
Very good performance on Steel.

LSA P1 • leaning

Form	⊕	▒	1/1mm	📄	🖨️	Product category	GTIN/Pcs. EAN/Pcs.	i	
	115 x 22,23	40	13.285	10	202475	PK05	4011890013304		
	115 x 22,23	60	13.285	10	202481	PK05	4011890013328		
	115 x 22,23	80	13.285	10	202487	PK05	4011890013342		
	125 x 22,23	40	12.200	10	202591	PK05	4011890043424		
	125 x 22,23	60	12.200	10	202595	PK05	4011890043448		
	125 x 22,23	80	12.200	10	202599	PK05	4011890043462		



LSZ F3



ALPHALINE ●○○

- Lifetime
- Stock removal

- Good stock removal
 - Proven quality with cotton backing
 - Long lifetime
- Price attractive flap disc with zirconium Grain.**

LSZ F3 • leaning

Form	⊕	▒	1/1mm	📄	🖨️	Product category	GTIN/Pcs. EAN/Pcs.		
	115 x 22,23	40	13.285	10	210479	PK05	4011890099599		
	115 x 22,23	60	13.285	10	210480	PK05	4011890099605		
	115 x 22,23	80	13.285	10	210481	PK05	4011890099612		
	125 x 22,23	40	12.200	10	210482	PK05	4011890099629		
	125 x 22,23	60	12.200	10	210483	PK05	4011890099636		
	125 x 22,23	80	12.200	10	210484	PK05	4011890099650		

ALUMINIUM PROCESSING

LGA ALU

Trimable flap support ensures an extra long lifetime (particularly in the hollow weld).



The ideal flap disc for long-life grinding of aluminium and other NF metals. Ideal for wood as well.

The special groove in the support makes the disc vibrate and allows gentle clearing.

Very important with smearing materials. The special coating of the flap belt also supports this effect.



LGA ALU



TOPLINE ●●●

- Lifetime
- Stock removal

- Special coating of flaps
- Special groove on the support for soft free knocking
- Trimable ABS support

The ideal and durable flap disc for grinding aluminium and other non-ferrous metals.

LGA ALU • straight								
Form	⊕	▒	⊖	📄	📺	Product category	GTIN/Pcs. EAN/Pcs.	i
	115 x 22,23 mm	40	13.285	10	210473	PK05	4011890099667	
	115 x 22,23 mm	60	13.285	10	210474	PK05	4011890099681	
	125 x 22,23 mm	40	12.200	10	210475	PK05	4011890099575	
	125 x 22,23 mm	60	12.200	10	210476	PK05	4011890099704	

ENDLESS FELT ABRASIVE BELTS

THE FINISHING TOUCH WHEN PROCESSING STAINLESS STEEL



ESB V



PROLINE ●●●○

Backing type: X-Flex, flexible

- X-flex, flexible
 - No delamination
 - Even surface finish
- Non-woven belt for hand-held belt grinder.**

ESB V

⊕	▒	📦	📱	Product category	GTIN/Pcs. EAN/Pcs.	i	
13 x 457	coarse	20	305986	PK06	4011890097304		
13 x 457	medium	20	305987	PK06	4011890097311		
13 x 457	very fine	20	305988	PK06	4011890097328		
9 x 533	coarse	20	305992	PK06	4011890097571		
9 x 533	medium	20	305993	PK06	4011890097588		
9 x 533	very fine	20	305994	PK06	4011890097595		
6 x 610	coarse	20	307032	PK06	4011890098943		
6 x 610	medium	20	307033	PK06	4011890098950		
6 x 610	very fine	20	307034	PK06	4011890098967		
13 x 610	coarse	20	307035	PK06	4011890098974		
13 x 610	medium	20	307036	PK06	4011890098981		
13 x 610	very fine	20	307037	PK06	4011890098998		
12 x 520	coarse	20	307038	PK06	4011890099001		
12 x 520	medium	20	307039	PK06	4011890099018		
12 x 520	very fine	20	307040	PK06	4011890099025		
12 x 533	coarse	20	307041	PK06	4011890099032		
12 x 533	medium	20	307042	PK06	4011890099049		
12 x 533	very fine	20	307043	PK06	4011890099056		
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 618	coarse	20	307047	PK06	4011890099094		
40 x 618	medium	20	307048	PK06	4011890099100		
40 x 618	very fine	20	307049	PK06	4011890099117		
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 VX



PROLINE ●●●○

Backing type: Low Stretch

- Low stretch
 - Even surface finish
 - Long lifetime
- Non-woven belt for stationary belt grinder.**

ESB VX

⊕	▒	📦	📱	Product category	GTIN/Pcs. EAN/Pcs.	i	
75 x 2000	coarse	5	307053	PK06	4011890099155		
75 x 2000	medium	5	307054	PK06	4011890099162		
75 x 2000	very fine	5	307055	PK06	4011890099179		
150 x 2000	coarse	5	307056	PK06	4011890099186		
150 x 2000	medium	5	307057	PK06	4011890099193		
150 x 2000	very fine	5	307058	PK06	4011890099209		



QUICK-CHANGE-SYSTEM

EASY TOOL CHANGE IN A JIFFY



40 - 120

LSZ QUICK



TOPLINE ●●●

- Longest Lifetime
 - Very good stock removal
 - Quick tool change without sticking or slipping
- Zirconium flap discs for the quick-change system with maximum stock removal performance and very long lifetime.**

LSZ QUICK									
⊕	Grid	V/min	Box	Tray	Product category	GTIN/Pcs. EAN/Pcs.	i		
D51	40	25.000	10	303909	PK05	4011890097762			
D51	60	25.000	10	303931	PK05	4011890099216			
D51	80	25.000	10	303932	PK05	4011890099223			
D51	120	25.000	10	303933	PK05	4011890099230			
D76	40	20.000	10	303934	PK05	4011890099247			
D76	60	20.000	10	303935	PK05	4011890099254			
D76	80	20.000	10	303936	PK05	4011890099261			
D76	120	20.000	10	303937	PK05	4011890099278			


36 - 120


KFK QUICK



CERAMICON

Backing type: X-Support
Type of abrasive used: Ceramic grain

- Specially suitable for tempered steels, tinned „areas“ and titanium
 - Significantly faster stock removal
 - Quick tool change without sticking or slipping
- Ceramic grain fiber disc for the quick-change system, the grain enables for a very high stock removal performance in shorter time.**

KFK QUICK									
⊕	Grid	V/min	Box	Tray	Product category	GTIN/Pcs. EAN/Pcs.	i		
D51	36	25.000	100	307016	PK06	4011890098158			
D51	60	25.000	100	307017	PK06	4011890098165			
D51	80	25.000	100	307018	PK06	4011890098172			
D51	120	25.000	100	307019	PK06	4011890098189			
D76	36	20.000	50	307020	PK06	4011890098196			
D76	60	20.000	50	307021	PK06	4011890098202			
D76	80	20.000	50	307022	PK06	4011890098219			
D76	120	20.000	50	307023	PK06	4011890098226			



40 - 120

RH QUICK



PROLINE ●●●

- Medium Hardness
- Support pad for quick-change system**

RH QUICK								
⊕	V/min	Box	Tray	Product category	GTIN/Pcs. EAN/Pcs.	i		
D25	40.000	1	307031	PK06	4011890098790			
D51	25.000	1	305424	PK06	4011890081389			
D76	20.000	1	305425	PK06	4011890081396			

MACHINE-INDEPENDENT VELCRO DISC SYSTEM UP TO 2.500




KSF15 VELCRO



TOP LINE ●●●

Backing type: Tear resistant plastic foil
 Type of abrasive used: Aluminium oxide, open coated
 Bond: Synthetic resin


- Open coated, special stearate coating reduces clogging (from 180 grit size)
 - Ideal for use with support plate RH15 VELCRO
 - Tear-resistant plastic foil for long lifetime
- Tear-resistant VELCRO disc with 15-hole for the processing of paints, varnishes and fillers.**

KSF15 VELCRO						
				Product category	GTIN/Pcs. EAN/Pcs.	
150	80	25	304350	PK06	4011890094228	 <p>Matching Support plate see page 98</p>
150	120	25	304351	PK06	4011890094235	
150	150	25	304352	PK06	4011890094242	
150	180	25	304353	PK06	4011890094259	
150	240	25	304354	PK06	4011890094266	
150	320	25	304355	PK06	4011890094273	
150	360	25	304356	PK06	4011890094280	
150	400	25	304357	PK06	4011890094297	
150	500	25	304358	PK06	4011890094303	
150	600	25	304359	PK06	4011890094310	
150	800	25	304360	PK06	4011890094327	
150	1.000	25	304361	PK06	4011890094334	
150	1.200	25	304362	PK06	4011890094341	
150	1.500	25	304363	PK06	4011890094358	
150	2.000	25	304364	PK06	4011890094365	
150	2.500	25	304365	PK06	4011890094372	

RH15 VELCRO

TOP LINE ●●●

- High Quality support plate for velcro discs
 - For KSF15 VELCRO
 - 2 hardness levels and 1 interface for the grinding of curved surfaces
- High quality support plate with microcellular polyurethane foam.**
Cyclone technology for excellent permanent dust extraction.

RH15 Velcro						
				Product category	GTIN/Pcs. EAN/Pcs.	
150	hard	1	307060	PK06	4011890099551	 <p>The system fits on all machines with recording 5/16" or M8</p>
150	medium	1	307059	PK06	4011890099544	
150	interface	2	307061	PK06	4011890099568	




KKLS VELCRO



PRO LINE ●●●

Backing type: C/D-Paper
 Type of abrasive used: Aluminium oxide, open coated
 Bond: Synthetic resin

- Open coated aluminum oxide reduces clogging
 - Resin bonded for long lifetime
 - Sterate coating (from 150 grit size)
- Velcro disc for long-neck sander.**

KKLS VELCRO						
				Product category	GTIN/Pcs. EAN/Pcs.	
225	40	25	304366	PK06	4011890099452	
225	60	25	304367	PK06	4011890099469	
225	80	25	304368	PK06	4011890099476	
225	100	25	304369	PK06	4011890099483	
225	120	25	304370	PK06	4011890099490	
225	150	25	304371	PK06	4011890099506	
225	180	25	304372	PK06	4011890099520	
225	220	25	304373	PK06	4011890099513	

DIAMOND TOOLS

APPLICATION MATRIX

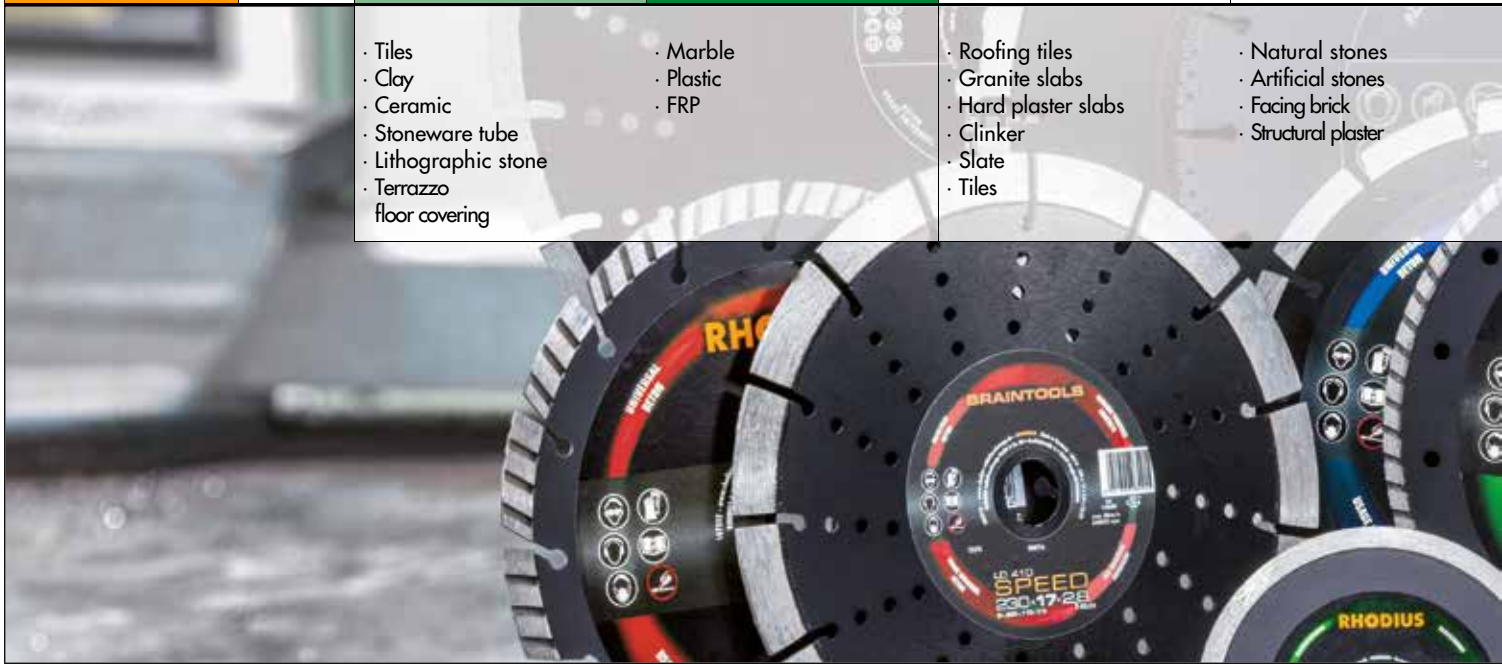
Explanation of symbols		Tile layers Gardens & landscaping Paving companies Façades Structural engineering				
		Tiles / Ceramic		Natural stone		
		Stoneware / Plastic / FRP	Tiles (high fired) / Ceramic	Clinker (high fired) / Slate	Natural and artificial stone	
Braintools	Cutting					
					DG100	
			DG15	LD8		
			DG10			
			LD1			
				DG45		
PROline		DG25			DG35	
ALPHAline			DG50		DG55	
TOPline	Grinding					
PROline						
ALPHAline						
PROline	Drilling		CD30			
			CD40			

- Tiles
- Clay
- Ceramic
- Stoneware tube
- Lithographic stone
- Terrazzo floor covering

- Marble
- Plastic
- FRP

- Roofing tiles
- Granite slabs
- Hard plaster slabs
- Clinker
- Slate
- Tiles

- Natural stones
- Artificial stones
- Facing brick
- Structural plaster



FAST WAY TO THE RIGHT TOOL

Roofers Façades		Structural & civil engineering Structural components			Civil engineering
		Concrete			Asphalt
Granite	Reinforced concrete	Concrete products	Masonry / Brick / Sand-lime brick	Asphalt	
LD410 SPEED					
LD200 SPEED					
LD402/LD403 ALL IN ONE					
LD45					
LD100 Matrix					
LD4	LD4				
			LD2		
				LD70	
DG210 ALLCUT					
LD40					
				LD60	
		LD50			
		DS1			
		DS2			
		DS10			
		DS40			
			DS41		
		CD10			
			CD20		
<ul style="list-style-type: none"> · Old concrete · Concrete · Washed-out concrete · Green concrete · Universal building materials 		<ul style="list-style-type: none"> · Concrete tubes · Pumice stone · Stoneware · Cellar bricks · Structural plaster · Fireclay 		<ul style="list-style-type: none"> · Basalt · Road kerb · Stairs 	<ul style="list-style-type: none"> · Asphalt · Floor pavement · Lime-sand brick · Washed-out concrete



RHODIUS

Simplify your work.



DG15



TOPLINE ●●●

- Lifetime
- Cutting ability

- Specially designed for high-fired tiles and ceramics
 - Reinforced flange makes using DG15 safer
 - Minimal dust generation
- Thin diamond cutting disc with a closed turbo cutting edge.**

DG15							
Form	⊕	V _{min}	📦	💻	Product category	GTIN/Pcs. EAN/Pcs.	i
	115 x 10,0 x 1,4 x 22,23	13.285	1	303900	PK10	4011890097670	
	125 x 10,0 x 1,4 x 22,23	12.200	1	303870	PK10	4011890095638	



LD40



PROLINE ●●●

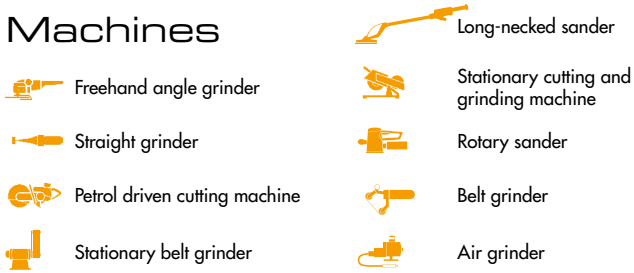
- Lifetime
- Cutting ability

- Ideal for multiple applications
 - Short cutting time
 - Long lifetime
- Reliable all-rounder with short cutting time and a long lifetime.**

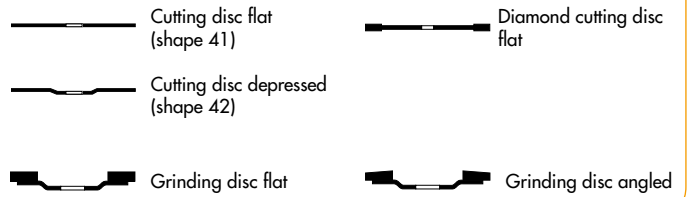
LD40							
Form	⊕	V _{min}	📦	💻	Product category	GTIN/Pcs. EAN/Pcs.	i
	400 x 10,0 x 3,2 x 25,40	4.245	1	303921	PK10	4011890098622	

Explanation of symbols

Machines



Shapes

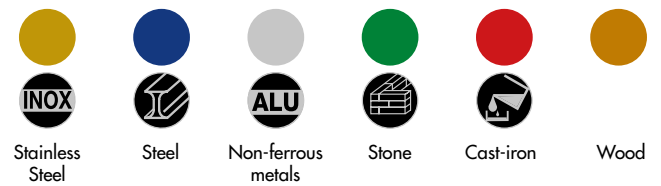


Safety and application identification



Material symbols and colour codes

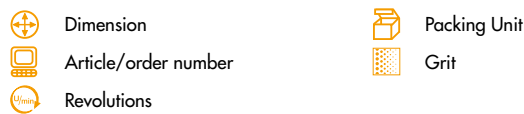
Resin-bonded grinding tools and miscellaneous



Diamond tools



Product details



Quality system



Dimensions and types



Performance. Value. Simplicity.

RHODIUS Schleifwerkzeuge GmbH & Co. KG
Brohltalstraße 2 · D-56659 Burgbrohl
Telefon +49 2636 920 400
kostenlose Faxnummer (DE) +49 800 664 5394
service@rhodius.de · www.rhodius-abrasives.com

Only digital.