

INNOVATIONS INSIDE.

WHAT'S NEW 2018

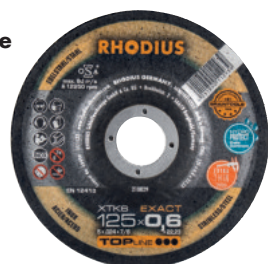


RHODIUS

XTK 6 EXACT

The world's thinnest cutting disc.

> see page 04 for more

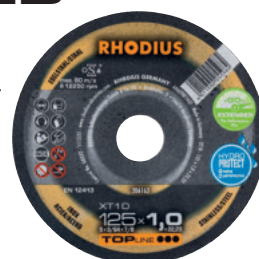


EXTRA THIN

XT10 EXTENDED

Sharp from the start, with a maximum lifetime.

> see page 06 for more



EXTENDED

+30%

JUMBO SPEED EXTENDED

Sharp from the start, with a maximum lifetime.

> see page 07 for more



EXTENDED

+30%

RS480 & RS580 SPEED

High-performance grinding discs with ceramic abrasive grain.

> see page 08 for more



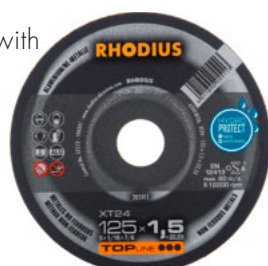
CERAMICON

Simplify your WORK

XT24

The aluminium specialist with a maximum lifetime.

> see page 10 for more



HYDRO PROTECT

RH403S & ALL IN ONE

A 50% faster finish.

> see page 12 for more

BRAINTOOLS®



XTK35 CROSS VSK VISION

Multiple work steps with just one tool.

> see page 14 for more

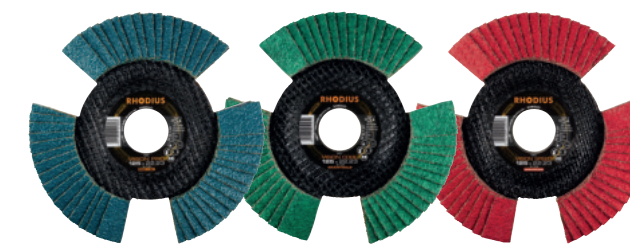


ALLROUNDER

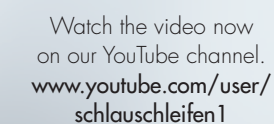
VISION SPEED, PRO & COOL

Unimpeded view of the workpiece.

> see page 16 for more

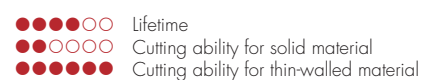


VISION



0,6

XTK6 EXACT



The world's thinnest cutting disc for stainless steel and steel, with a disc width of just 0.6 mm. The result: cutting that is even more burr-free and cooler, and noticeably less effort required for each cut.

Please take care not to make the initial cut too deep and do not cut into the depression.





Material:

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

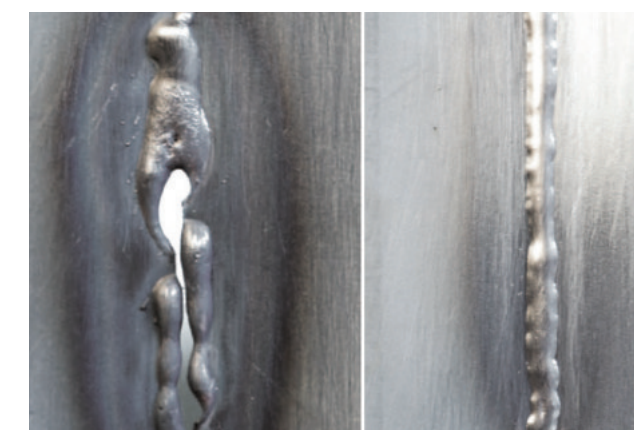
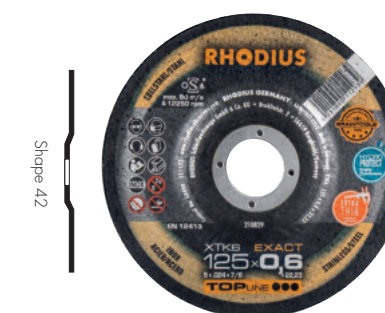
Advantages:

- Exceptionally small contact area
- Even sharper in the first cut
- Quick, cool cut
- Reduced blue discolouration
- Precise, burr-free cutting
- less rework



				Product category	€/pc.	GTIN/pc. EAN/pc.
115 × 0,6 × 22,23	13285	50	210828	PK01		4011890112915
125 × 0,6 × 22,23	12200	50	210829	PK01		4011890112939

Abrasive marking according to EN 12413: A60U9BF14252



Burr-free cutting of threaded rods.

Ideal for sectional repairs with butt welds.



THE JUMBO SPEED EXTENDED IN ACTION:

Watch the video now
on our YouTube channel.
[www.youtube.com/user/
schlauschleifen1](https://www.youtube.com/user/schlauschleifen1)



MAXIMUM LIFETIME THE EXTENDED SERIES

mm:

1,0

XT10 EXTENDED

TOP LINE

EXTENDED

HYDRO PROTECT



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

The international benchmark for maximum cost-effectiveness, effectiveness and ease of use when cutting extra-thin stainless steel. Now with a sensational 30% longer lifetime and less dust generation for significantly reduced tool changes.

- Reduced burr formation
- High cutting speed
- Fewer sparks

i Ideal for high-power machinery



Shape 41

XT10 EXTENDED

				Product category	€/pc.	GTIN/pc. EAN/pc.
⊕	⊖	⊗	⊙			
115 x 1.0 x 22.23	13285	50	206162	PK01		4011890055977
125 x 1.0 x 22.23	12200	50	206163	PK01		4011890055984

Abrasive marking according to EN 12413: A46U9BF1432



JUMBO SPEED EXTENDED

CERAMICON

TOP LINE

40/60/
80

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

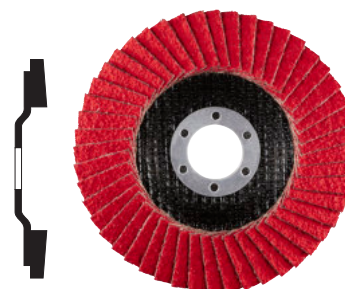
Lifetime ●●●●○
Stock removal ●●●●●

- 30% higher stock removal performance, thanks to more ceramic grain belt
- Especially suitable for hardened and tempered steel, tinner areas and titanium
- Particularly good for edge grinding

JUMBO SPEED EXTENDED

					Product category	€/pc.	GTIN/pc. EAN/pc.
⊕	⊖	⊗	⊙				
115 x 22.23	40	13285	25	208743	PK05		4011890072097
115 x 22.23	60	13285	25	208744	PK05		4011890072110
115 x 22.23	80	13285	25	208745	PK05		4011890072134
125 x 22.23	40	12200	25	208746	PK05		4011890072158
125 x 22.23	60	12200	25	208747	PK05		4011890072172
125 x 22.23	80	12200	25	208748	PK05		4011890072196
150 x 22.23	40	10185	25	303919	PK05		4011890098486
180 x 22.23	40	8600	25	209812	PK05		4011890093986

Abrasive marking according to EN 12413: A60U9BF1433





THE RS580 SPEED IN ACTION:

Watch the video now
on our YouTube channel.
[www.youtube.com/user/
schlauschleifen1](https://www.youtube.com/user/schlauschleifen1)



CERAMICON

Around triple
the lifetime

HIGH-PERFORMANCE GRINDING

mm:
7,0

RS580 SPEED

TOP LINE ●●● **CERAMICON**

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

High-performance grinding disc with ceramic abrasive grain. Thanks to the flexible bond strength, the RS580 Speed needs little physical effort to achieve high material abrasion over its long lifetime. This drastically reduces working time and ensures high productivity and cost-effectiveness.

- Maximum stock removal performance with good operator comfort
- Additional fabric flange above 180 mm for high-frequency grinders and air grinders
- Three full-face fabric layers for extra safety



Shape 27

RS580 SPEED

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

Abrasive marking according to EN 12413: 95A20T9BF14149



RS480

TOP LINE ●●● **CERAMICON**

mm:
7,0

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

High-performance grinding disc with ceramic abrasive grain. Thanks to the high bond strength, the RS480 ensures high material abrasion over a very long lifetime. This drastically reduces tool change time while boosting both productivity and cost-effectiveness.

- High stock removal performance
- Additional fabric flange above 180 mm for high-frequency grinders and air grinders
- Three full-face fabric layers for extra safety

RS480

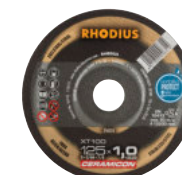
	⊕	V/min	📦	💻	Product category	€/pc.	GTIN/pc. EAN/pc.
115 × 7.0 × 22.23		13285	25	210238	PK04		4011890096444
125 × 7.0 × 22.23		12200	25	210239	PK04		4011890096451
150 × 7.0 × 22.23		10185	10	210234	PK04		4011890096437
180 × 7.0 × 22.23		8600	10	210240	PK04		4011890096468
230 × 7.0 × 22.23		6600	10	210241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

Abrasive marking according to EN 12413: 78A24A10BF13778

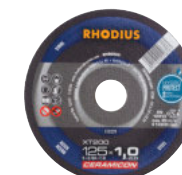
Shape 27



OTHER PRODUCTS IN THIS SERIES



XT100



XT200



LSK FK



THE ALUMINIUM SPECIALIST
FOR CUTTING

mm:
1,0-1,9

XT24

TOP LINE

HYDRO PROTECT



- ● ● ● ● 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.





- Reduced burr formation
- Low-dust cut
- High speed

i Ideal for low-power machinery and battery-powered machines



Shape 41

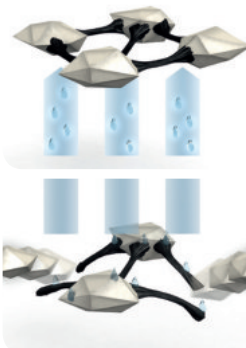
XT24

				Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 1.0 x 22.23	13285	50	210450	PK01		4011890098806
125 x 1.0 x 22.23	12200	50	210451	PK01		4011890098820

Abrasive marking according to EN 12413: A24P-BF26

HYDROPROTECT TECHNOLOGY – HOW IT WORKS

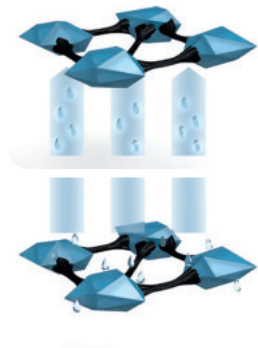
Conventional abrasive disc



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

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

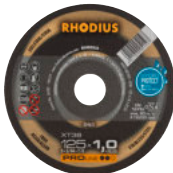
HydroProtect abrasive disc



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

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

OTHER PRODUCTS
IN THIS SERIES



XT38



XT20



XT67



**THE RH403S
IN ACTION:**

Watch the video now
on our YouTube channel.
[www.youtube.com/user/
schlauschleifen1](http://www.youtube.com/user/schlauschleifen1)



GIVING IT ALL TO POWER THROUGH THE WALL



RH403S
BRAINTOOLS



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



The unique combination of machine and diamond cutting disc, for tailor-made milling of wall slots without rework. The ALL IN ONE enables quick and operator-friendly chasing of wall grooves in many stone materials. Thanks to the ingenious system, using segments arranged in a criss-cross formation, precise wall chasing is now possible, whereby all of the material is removed cleanly from the groove without rework being necessary.

- Foldable hood makes initial cut and milling slots virtually dust-free
- Powerful 2,300 W motor for tractive power
- Electronics – soft start, thermal/overload cut-off, overload indicator
- Suction hose lock prevents unintentional disconnection of the hose during milling work
- Chasing depth adjustment tool-free and user-friendly
- Spindle lock for easy tool change
- Slimline design, minimal clearance between hood and diamond discs for edgeless work up to 18 mm
- Closed hood for optimum flow conditions
- Push-to-cut ensures convenient handling
- Extraction nozzle Ø 35 mm for direct connection of a Class M industrial extraction unit

RH403S

Reference			Product category	€/pc.	GTIN/pc. EAN/pc.
RH403S wall chasing machine	1	304014	SON		4011890110447
RH403S add-on kit	1	304015	SON		4011890110454

LD 403 ALL IN ONE

			Product category	€/pc.	GTIN/pc. EAN/pc.
125 x 7.0 x 28.5 x 22.23	1	303621	PK10		4011890082515
150 x 7.0 x 28.5 x 22.23	1	303622	PK10		4011890082522

Technical data:

- Power consumption: 2,300 W
- Nominal voltage: 230 V AC
- Rated speed: 4,300 rpm
- Idling speed: 7,500 rpm
- Disc diameter: 150 mm
- Disc mount: Ø 22.2 mm
- Max. groove depth: 45 mm
- Weight: 7.1 kg

Scope of delivery:

- 1x RH403S wall chasing machine
 - 1x diamond cutting disc LD403 ALL IN ONE (for 20/25 mm ductwork)
 - 2x spacers 11 mm for LD403
 - 2x spacers 17 mm for LD402
 - 1x rugged metal machine case
 - 1x user manual and general safety instructions
- Spacer rings for individual disc use and special brick chisel available in the add-on kit





THE XTK35 CROSS IN ACTION:

Watch the video now
on our YouTube channel.
[www.youtube.com/user/
schlauschleifen1](http://www.youtube.com/user/schlauschleifen1)



THE VSK VISION IN ACTION:

Watch the video now
on our YouTube channel.
[www.youtube.com/user/
schlauschleifen1](http://www.youtube.com/user/schlauschleifen1)



THE SPECIALIST ALL-ROUNDER

mm:
1,9

XTK35 CROSS

TOP LINE ●●● ALLROUNDER

- 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 deburring, chamfering and dressing can be completed without changing disc or machine, right after safely completing a cut with the same disc.

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



Shape 27

XTK35 CROSS

	⊕	mm	mm	mm	Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 1.9 x 22.23		13285	25	208372	PK01		4011890066423
125 x 1.9 x 22.23		12200	25	208373	PK01		4011890066430

Abrasive marking according to EN 12413: A46U9BF1432



VSK VISION

ALLROUNDER TOP LINE ●●●

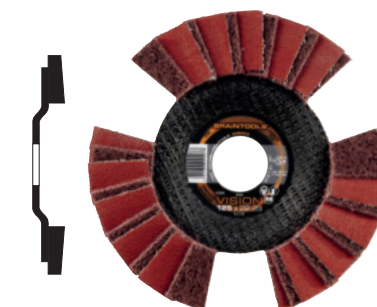
Thanks to the unique combination of two important product properties, the VSK VISION offers major advantages for the surface finishing of stainless steel. On the one hand, it combines an alternating abrasive cloth and non-woven abrasive on one disc. This makes decorative surface finishing (non-woven abrasive) possible with simultaneous material abrasion (abrasive cloth). On the other hand, the cut-outs make it transparent during operation.

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

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

VSK VISION

	⊕	mm	mm	mm	Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 22.23		13285	10	209503	PK07		4011890090060
125 x 22.23		12200	10	209504	PK07		4011890090077





GET A PERSPECTIVE ON GRINDING
IN THREE GRADES



VISION SPEED

CERAMICON VISION BRAINTOOLS

●●●●○ Lifetime
●●●●● Stock removal

The flap disc for customers who want even faster results. The disc features a truly outstanding grinding speed. And a cool cut, thanks to the topcoat.

- High-performance ceramic grain, closed coated
- Cool cut, thanks to bond with active grinding additives
- Ideal for temperature-sensitive workpieces
- Very fast grinding with low physical effort



⊕	⊞	📦	💻	Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 22.23	40	25	210652	PK05		4011890101971
115 x 22.23	60	25	210653	PK05		4011890101995
115 x 22.23	80	10	210654	PK05		4011890102015
125 x 22.23	40	10	210644	PK05		4011890102053
125 x 22.23	60	10	210645	PK05		4011890102077
125 x 22.23	80	10	210646	PK05		4011890102091



VISION PRO

VISION PROLINE



Entry-level see-through flap disc for everyone who thought the green disc was too expensive. The advantage: you see what you're grinding.

- Zirconium-aluminium oxide hybrid
- Closed coating
- Good performance on stainless steel
- Very good performance on steel

Lifetime ●●●○○○
Stock removal ●●●○○○

⊕	⊞	📦	💻	Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 22.23	40	10	210637	PK05		4011890102138
115 x 22.23	60	10	210638	PK05		4011890102152
115 x 22.23	80	10	210639	PK05		4011890102176
125 x 22.23	40	10	210631	PK05		4011890101803
125 x 22.23	60	10	210632	PK05		4011890101810
125 x 22.23	80	10	210633	PK05		4011890101827



VISION COOL

TOPLINE VISION

●●●●○ Lifetime
●●●●● Stock removal

Flap disc for surface grinding. Precise grinding with a clear view of your work. Cool cut, thanks to the topcoat. The industry-standard see-through flap disc.

- Zirconium, closed coating
- Cool cut, thanks to multi-bond with active grinding additives
- Ideal for temperature-sensitive workpieces
- Effective grinding with low physical effort



⊕	⊞	📦	💻	Product category	€/pc.	GTIN/pc. EAN/pc.
115 x 22.23	40	25	207083	PK05		4011890060056
115 x 22.23	60	25	207084	PK05		4011890060063
115 x 22.23	80	10	207085	PK05		4011890060070
125 x 22.23	40	10	207077	PK05		4011890059951
125 x 22.23	60	10	207078	PK05		4011890059968
125 x 22.23	80	10	207079	PK05		4011890059975

VISION TECHNOLOGY – HOW IT WORKS



THE VARIOUS TECHNOLOGIES



Benefits

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

Our Extra-Thin technology

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

EXTRA THIN



Benefits

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

Our Extended technology

Thanks to the use of a completely new manufacturing method, RHODIUS has managed to increase disc performance by 30% with its EXTENDED technology. Razor-sharp from the start, discs achieve an even more precise cut and longer cutting lifetime compared to standard discs. They are also especially quiet, smooth-running and vibration-free. With the new, performance-optimised Extended discs, you therefore enjoy significant savings on costs per cut and reduced setup times – measurable cost savings.

EXTENDED



Benefits

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

Our Ceramicon technology

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

CERAMICON



Benefits

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

Our HydroProtect technology

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

HYDRO PROTECT



Benefits

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

Our Braintools technology

Seeing a problem as a challenge is one of the keys to our success. Good examples of this attitude are our BRAINTOOLS – a dedicated product line that offers unique solutions for special tasks. Quite simply because it is possible to make things simpler. Tools from the Braintools range offer a unique set of features that transform them into one-of-a-kind problem-solvers. With their specific benefits such as time savings, operator comfort and less material discolouration, Braintools are the unbeatable added-value solution: maximum efficiency with maximum cost-effectiveness.

BRAINTOOLS



Benefits

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

Our All-Rounder technology

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

ALLROUNDER



Benefits

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

Our Vision technology

The flap discs from the Vision series become transparent through their cutouts when rotating. Your benefit: you can see what and how you are grinding, to ensure a controlled material abrasion and excellent surface quality.

VISION

RHODIUS Schleifwerkzeuge GmbH & Co. KG

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RHODIUS