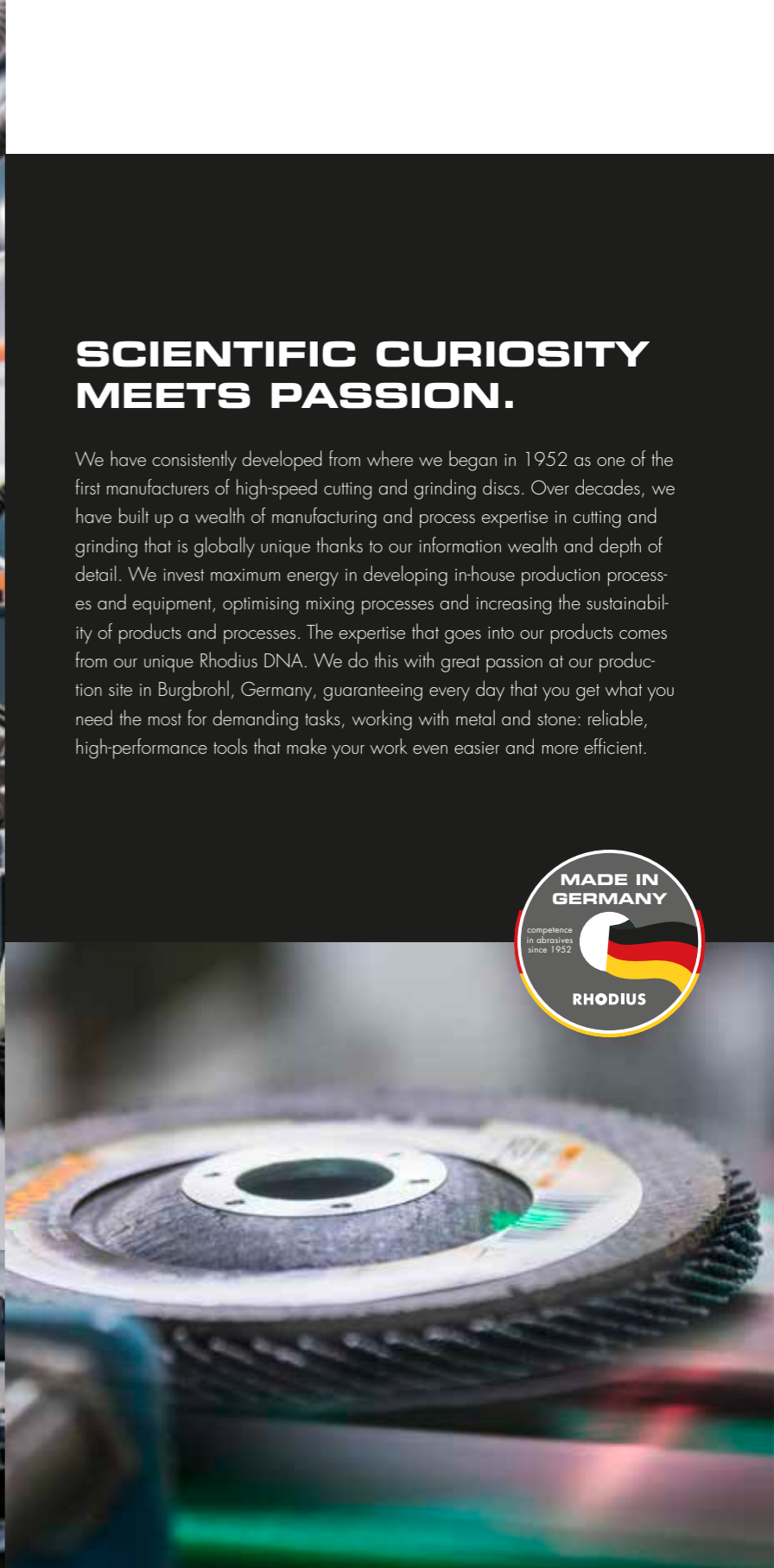


INNOVATIONS BY
RHODIUS

Getting optimum working results simply, safely and swiftly – while maximising productivity and cost-effectiveness. Or using our innovative tools to finally be able to tackle jobs that were never so easy and effortless before. Each and every day, user's experience goes into developing RHODIUS grinding tools.

We produce more than 100 million discs every year at our production site in Burgbrohl, Germany. That means more than 100 million discs making work easier for professionals around the world across many different metalworking sectors in industry and trade. No matter what the application. No matter how demanding the requirements. RHODIUS makes it easier – and simply more efficient.

We are not just the experts when it comes to highly innovative products for complex problems, but also guarantee that your RHODIUS disc, as a product tried and tested over many years, always comes with the latest, most powerful formulations, giving you maximum performance on your angle grinder every time.



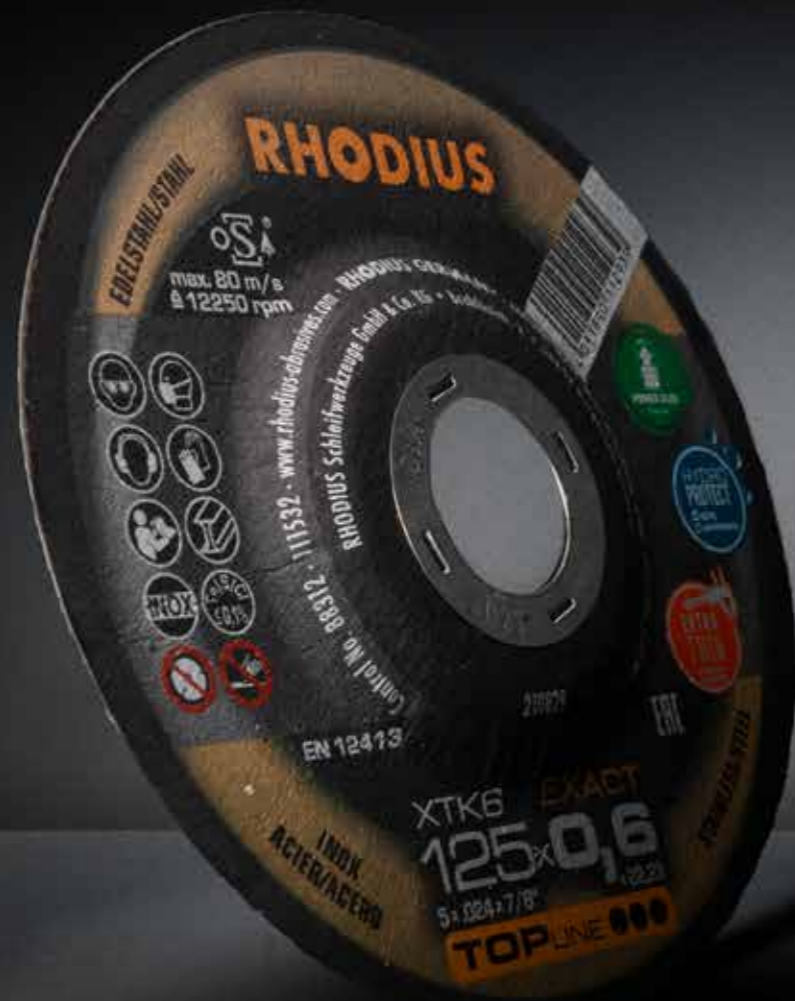
SCIENTIFIC CURIOSITY MEETS PASSION.

We have consistently developed from where we began in 1952 as one of the first manufacturers of high-speed cutting and grinding discs. Over decades, we have built up a wealth of manufacturing and process expertise in cutting and grinding that is globally unique thanks to our information wealth and depth of detail. We invest maximum energy in developing in-house production processes and equipment, optimising mixing processes and increasing the sustainability of products and processes. The expertise that goes into our products comes from our unique Rhodius DNA. We do this with great passion at our production site in Burgbrohl, Germany, guaranteeing every day that you get what you need the most for demanding tasks, working with metal and stone: reliable, high-performance tools that make your work even easier and more efficient.



PROGRESS. MADE SIMPLE.

XTK6 EXACT



MAXIMUM PRECISION FOR CUTTING

The XTK6 EXACT – the thinnest freehand cutting disc in the world offers impressive, 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 cuts easily into 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. It is an especially good choice for cutting threaded rods, rustproof and acid-proofed steels, galvanised structural parts and supports. Thanks to it being precisely thin, this cutting disc is also ideal for MIG-welding and body work.

XTK6 EXACT



TOP LINE 000

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

Shape 42

⊕	W/min	📄	🖨️
115 x 0,6 x 22,23	13300	50	210828
125 x 0,6 x 22,23	12250	50	210829

Abrasive identification according to ISO 525: A60U9BF14252

Advantages:

- Extremely thin cutting surface
- Minimal burr formation
- Quick, cool cut
- Reduced blue discoloration
- Precise cutting
- Less rework
- Extended battery life



The evolution of cutting: Burr-free with cool cut



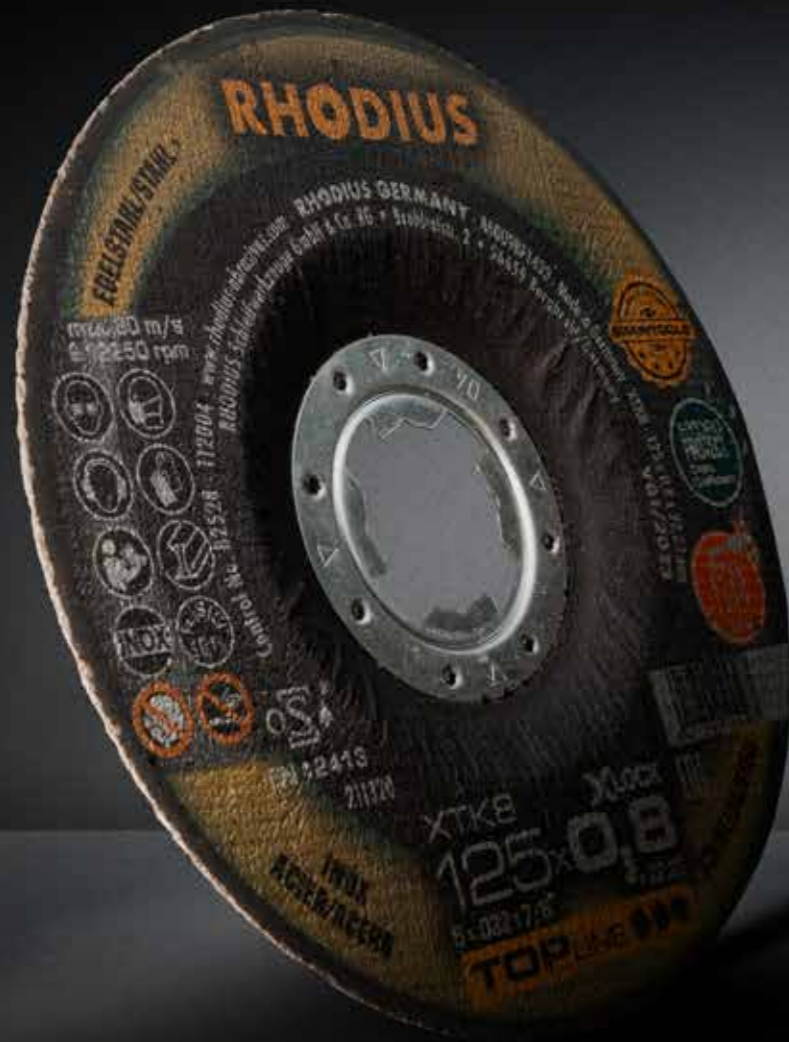
Even faster in the first cut



APPLICATION
video



XTK8 EXACT X-LOCK



FASTEST POSSIBLE TOOL CHANGE WITH MAXIMUM PRECISION

Using the X-LOCK quick-change system, the 0.8mm cutting disc with ultra low-noise operation gives you a precise and virtually burr-free cut. The disc stands out thanks to minimal sparks, low dust generation and very low burr formation, while also minimising tarnish colours on the material. It is an especially good choice for cutting threaded rods, structural steel, spring steels, thin-walled metal sheets, rustproof and acid-protected steel, high-alloy steel, high-strength sheet metal, plastic-coated and painted metal sheets, galvanised structural parts and cable ducts.

XTK8 EXACT X-LOCK



TOP LINE ●●●

Shape 42

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

⊕	Wmm	mm	mm
115 x 0,8 x 22,23	13300	25	211319
125 x 0,8 x 22,23	12250	25	211320

Abrasive identification according to ISO 525: A60U9BF1433

Advantages:

- Precise cut, does not require as much force
- Minimal burr formation means less reworking
- Cool cut minimises tarnish colours and material distortion

Thanks to simple and convenient tool changing, you can now work even faster. Of course, RHODIUS discs with X-LOCK are also backwards compatible.

FOR OTHER X-LOCK PRODUCTS,
see our Technology section
on catalogue pages 244/245



Large number of innovative and unique products
Made by RHODIUS



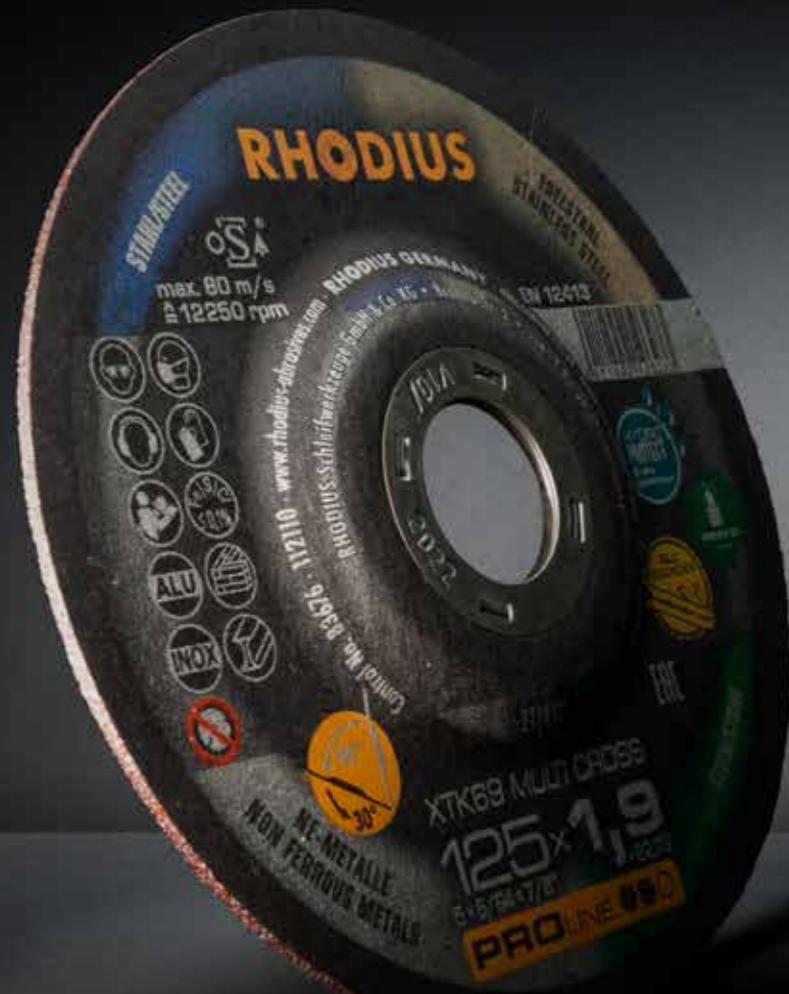
Just one click! The practical and convenient tool changing system for your angle grinder



APPLICATION
video



XTK69 MULTI CROSS



CUTTING AND GRINDING IN ONE OPERATION

Cutting and grinding with one disc for almost all materials, such as stainless steel, steel, aluminium, copper, plastic, stone and tiles. The 1.9 mm-wide combination disc approved for grinding work is ideally suited for use on variable-speed battery-powered angle grinders.

XTK69 MULTI CROSS



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

⊕	⊖	📄	🖨️
115 x 1,9 x 22,23	13300	25	211458
125 x 1,9 x 22,23	12250	25	211452

Abrasive identification according to ISO 525: 49AC46R9BF14639

Advantages:

- No tool change
- Suitable for a very wide range of materials, including lubricating materials
- Very good cutting and grinding behaviour

FOR MORE MULTI PRODUCTS
see catalogue page 42



Can be used on many different materials



Reliable for cutting and grinding through three full-face fabric layers



APPLICATION
video



XT200 EXTENDED



THE ULTIMATE CARBON STEEL PROFESSIONAL

Cutting disc with ceramic abrasive grain for aggressive cutting performance and a long lifetime for high-volume cutting. The XT200 offers an impressively long lifetime, even in solid material, combined with a very aggressive, very light and fast cut, and high cutting performance thanks to the ceramic grain. For industrial high-throughput cutting applications. Ideal for rapid, high-precision work on thin-walled material. It is an especially good choice for cutting structural steel, tool steel, spring steels, thin-walled metal sheets, high-alloy steel, high-strength sheet metal, cable ducts, supports, sections, panels and beams.

XT200 EXTENDED



TOP LINE ●●●

— Shape 41

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

⊕	V _{mm}	Ⓜ	Ⓜ
115 x 1,0 x 22,23	13300	25	210227
115 x 1,5 x 22,23	13300	25	210228
125 x 1,0 x 22,23	12250	25	210229
125 x 1,5 x 22,23	12250	25	210230
150 x 1,5 x 22,23	10200	25	210231
180 x 1,5 x 22,23	8.500	25	210232
230 x 1,9 x 22,23	6650	25	210233

Abrasive identification according to ISO 525: 78A36U0BF13682

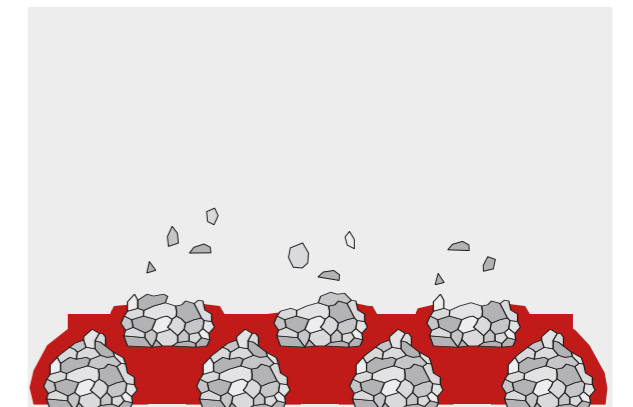
Advantages:

- Maximum stock removal performance thanks to ceramic abrasive grain
- Maximum cutting speed
- Reduced burr formation
- Especially cost-effective

BEST PERFORMANCE ALSO ON STAINLESS STEEL
see catalogue page 30



Ceramic abrasive grain for aggressive and long lasting cutting performance.



Always sharp! The grain always breaks to a sharp edge again.



APPLICATION
video



XT70 EXTENDED



Available from
January 2023

NOTICEABLY MORE CUTTING PERFORMANCE

The industry standard, now 20% better. A reliable cutting disc for the cost-conscious professional. Also ideal for low-power tools. The disc features minimal sparking, stability during use and exceptional, vibration-free operation. For cutting structural steel, thin-walled metal sheets, rustproof and acid-proofed steels, cable ducts, supports and sections with ease.

XT70 EXTENDED



ALPHALINE ●○○

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

— Shape 41

+	mm	mm	mm
115 × 1,0 × 22,23	13300	100	207436
115 × 1,5 × 22,23	13300	100	207438
125 × 1,0 × 22,23	12250	100	207437
125 × 1,5 × 22,23	12250	100	207439

Abrasive identification according to ISO 525: A46T11BF10097

Advantages:

- Reduced burr formation
- High cutting speed
- Fewer sparks



Easy cutting with fewer sparks.



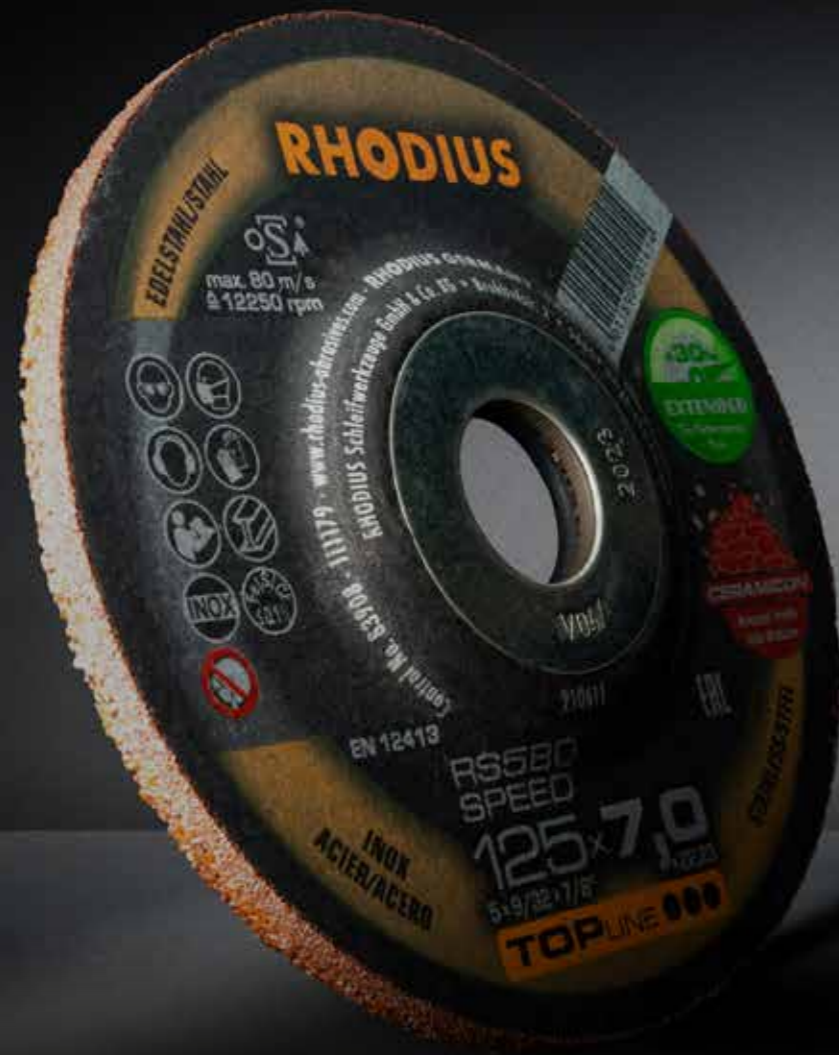
In various packaging sizes and in a metal box.



APPLICATION
video



RS580 SPEED EXTENDED



FAST AND POWER-SAVING EFFORDLESS GRINDING

High-performance stainless steel rough grinding disc with ceramic abrasive grain. Offers an impressive and aggressive level of stock removal performance combined with a long lifetime. Thanks to its top layer of fine grain, this disc keeps chipping to a minimum. Ceramic grain for high stock removal performance. For industrial high-throughput grinding applications. Also perfect for use with construction and structural steel.

RS580 SPEED EXTENDED



TOP LINE ●●●

- Lifetime
- Stock removal
- Hardness

— Shape 27

⊕	⊖	📄	🖨️
115 x 7,0 x 22,23	13300	25	210656
125 x 7,0 x 22,23	12250	25	210611
150 x 7,0 x 22,23	10200	10	210657
180 x 7,0 x 22,23	8500	10	210658
230 x 7,0 x 22,23	6650	10	210659

Abrasive identification according to ISO 525: 95A20T9BF14149

Advantages:

- Maximum stock removal performance thanks to ceramic abrasive grain
- Additional fabric flange above 180mm for high-frequency grinders (HF)
- Very comfortable grinding thanks it's innovative bond system



Optimum results for surface and edge grinding

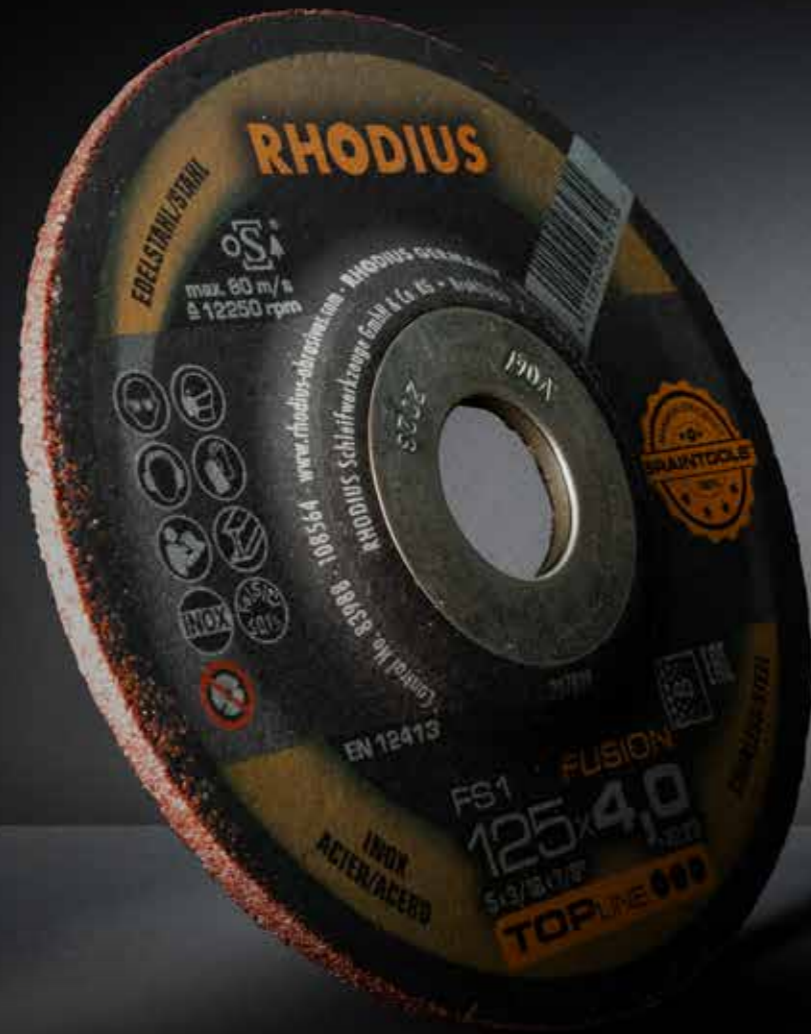


Cost-efficient work thanks to faster work processes



APPLICATION
video

FS1 FUSION



THE BEST OF BOTH WORLDS

The FS1 FUSION combines the fine surface finish of a flap disc with the durability of a grinding disc. Offering an impressive and aggressive level of stock removal performance. A choice of grits (40, 60 and 80) also allows users to modify the surface finish as required. The disc is very soft and can also be easily shaped – which offers a key advantage for circumferential grinding on fillet welds.

FS1 FUSION



TOP LINE ●●●

- Lifetime
- Stock removal
- Hardness

— Shape 27

⊕	▣	⊖	⊞	⊞
115 x 4,0 x 22,23	40	13300	10	207826
115 x 4,0 x 22,23	60	13300	10	207827
115 x 4,0 x 22,23	80	13300	10	207884
125 x 4,0 x 22,23	40	12250	10	207829
125 x 4,0 x 22,23	60	12250	10	207830
125 x 4,0 x 22,23	80	12250	10	207885

Abrasive identification according to ISO 525: 37A46P10BF1347

Advantages:

- Ideal for fillet weld grinding
- Grain can be chosen as required (40/60/80)
- A cost-effective alternative to a flap disc



Cost-effective, as entire disc can be used for fillet weld treatment



Lifetime of a grinding disc. The fine surface finish of a flap disc



APPLICATION
video



VISION COOL



MAXIMUM VISIBILITY WITH A COOLER CUT

Thanks to its three recesses, users can easily see what and how much they are grinding. The VISION COOL is transparent while rotating, offering users a clear view of the workpiece without needing to set down the tool. The special 'top size' coating used for the flaps combined with the three recesses also ensures that grinding work stays even cooler. Thermal stress on the material is minimised and less tarnish colour is produced. This also reduces the need for time-consuming rework on workpieces.






VISION COOL



TOP LINE ●●●

●●●○○○ Lifetime
●●●○○○ Stock removal

 angled

				
115 x 22,23	40	13300	10	207083
115 x 22,23	60	13300	10	207084
115 x 22,23	80	13300	10	207085
125 x 22,23	40	12250	10	207077
125 x 22,23	60	12250	10	207078
125 x 22,23	80	12250	10	207079

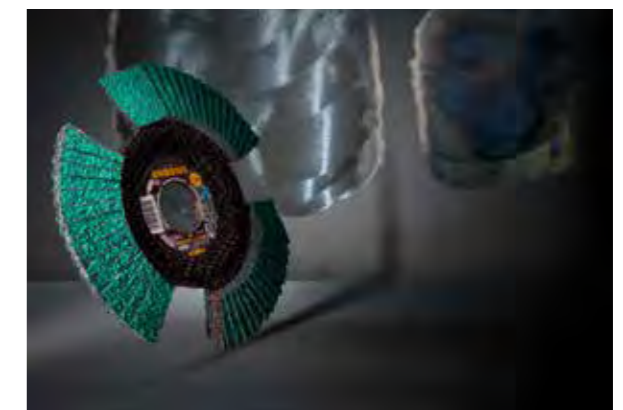
Advantages:

- Unimpeded view of the workpiece
- Controlled material abrasion
- Cool cut for less tarnish colour
- Grinds up to 50% cooler than conventional flap discs

FOR OTHER OTHER VARIANTS IN THE VISION FAMILY
see catalogue page 120



Three clever cut-outs provide an unobstructed view of the workpiece, improved surface quality and controlled material abrasion



Cooler cut thanks to the ventilation effect and a special coating



APPLICATION
video



JUMBO SPEED EXTENDED



AGGRESSIVE GRINDING AND THE BEST STOCK REMOVAL

Quick and aggressive grinding with very high stock removal, thanks to a large contact surface and extra-long flaps. The JUMBO SPEED EXTENDED offers an impressively long tool life plus highly aggressive stock removal and a very long lifetime. The special 'top size' coating used for the flaps also ensures that grinding work stays cooler. During use, the JUMBO SPEED EXTENDED flap disc offers superior performance with its long, overlapping flaps. These noticeably take performance up a notch and ensure aggressive stock removal.

JUMBO SPEED EXTENDED



TOP LINE ●●●

●●●●● Lifetime
●●●●● Stock removal

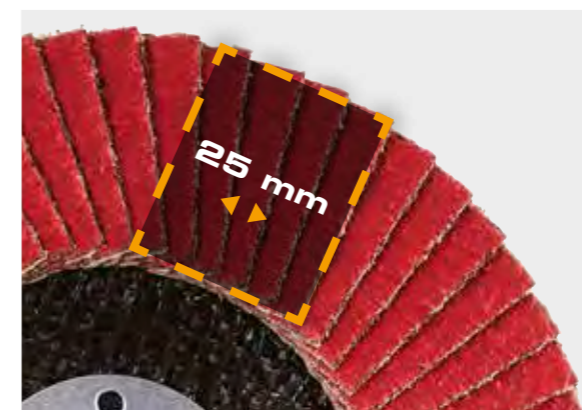
angled

⊕	⊞	⊘	⊞	⊞
115 x 22,23	40	13300	10	208743
115 x 22,23	60	13300	10	208744
115 x 22,23	80	13300	10	208745
125 x 22,23	40	12250	10	208746
125 x 22,23	60	12250	10	208747
125 x 22,23	80	12250	10	208748
150 x 22,23	40	10200	10	303919
180 x 22,23	40	8500	10	209812

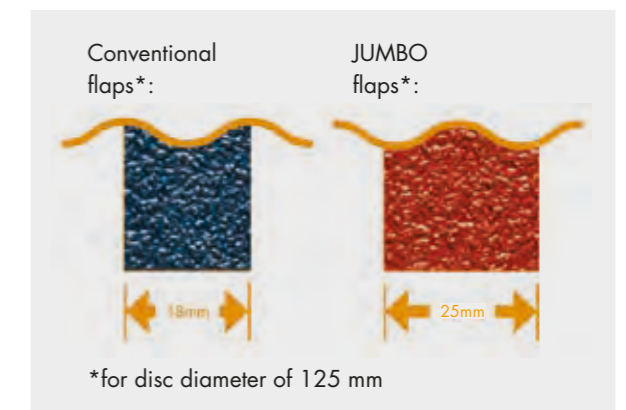
Advantages:

- Ceramic grain offers high stock removal performance. For industrial high-throughput grinding applications
- Especially suitable for hardened and tempered steel, tinder areas and titanium
- Particularly good for edge grinding

FOR OTHER STRAIGHT VARIANTS
see catalogue page 125



The high density of the flaps, which increases the contact surface, ensures maximum stock removal.



The large contact surfaces of the flaps deliver aggressive and faster grinding.



APPLICATION
video



JUMBO LONGLIFE TRIM



MAXIMUM POWER DOWN TO THE VERY LAST FLAP

Extra-long, closely placed overlapping flaps ensure an especially long lifetime. This premium tool is the perfect choice for demanding grinding work and offers an optimum price-performance ratio. The plastic backing of the JUMBO LONGLIFE TRIM flap disc can be easily trimmed thanks to additional profiling. This ensures full use of the extra-long flaps until the very end. This means that the flap projection can be ground down as it becomes worn out over time, so that the unused grinding surface can then be used to the full. Particularly suitable for industrial high-throughput grinding applications.

JUMBO LONGLIFE TRIM



TOP LINE ●●●

●●●●● Lifetime
●●●●○ Stock removal

straight

	+	□	⊖	⊞	⊞
115 × 22,23	40	13300	10	211407	
115 × 22,23	60	13300	10	211408	
115 × 22,23	80	13300	10	211409	
125 × 22,23	40	12250	10	211410	
125 × 22,23	60	12250	10	211411	
125 × 22,23	80	12250	10	211412	

Advantages:

- Trimmable backing
- Ceramic grain for high stock removal performance
- Especially long lifetime
- Particularly good for edge grinding



FOR OTHER VARIANTS IN THE JUMBO FAMILY
see catalogue page 124 ff.



High flap density for maximum stock removal.



Can be individually adapted by grinding down the flap backing.



APPLICATION
video



KSN V



DUST-FREE GRINDING WITH GRINDING MESH

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.

KSN V

TOP LINE ●●●

Backing type: Net fabric
 Grain type: Aluminium oxide
 Bond: Synthetic resin

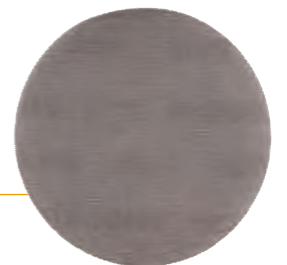


⊕	■	□	Ⓜ
150	80	50	333058
150	120	50	333060
150	150	50	333061
150	180	50	333062
150	240	50	333063
150	320	50	333064
150	400	50	333065
150	500	50	333066
150	600	50	333067
150	800	50	333068

Advantages:

- Dust reduction throughout the process thanks to an open mesh structure
- Consistent sanding performance
- Open mesh structure means no dependence on hole system
- High tear strength
- Minimal clogging, thanks to easier and higher-performance dust extraction
- Increased lifetime and stock removal performance – due to premium aluminium oxide (compared to a normal self-fastening disc)

FOR OTHER VARIANTS
 see catalogue page 171



Can be used on any backing pad regardless of the hole system



Delivers optimum dust extraction

APPLICATION
 video



ALL IN ONE



PRECISE SLOT CHASING WITHOUT REWORK

Wall chasing in a single work step. The LD404 ALL IN ONE offers quick and easy chasing of grooves and ductwork in masonry. No problematic chiselling out of the middle channel is needed. Material is removed quickly, cleanly and with virtually nothing left over. With the LD404 ALL IN ONE, users complete their wall chasing jobs in almost half the time, benefiting from the use of a tool with excellent cutting ability and an especially long lifetime. The LD404 ALL IN ONE EXTENDED is an enhanced version of the LD402/LD403 and comes perfectly equipped with a combination of 2x2 quality diamond tools. The turbo segments on the flat-faced outer diamond discs guarantee a cut that is especially clean and straight, while the inner diamond discs feature a wave-like geometry to ensure optimal removal of debris from the wall slot.

ALL IN ONE



TOPLINE ●●●

●●●●● Lifetime
●●●●● Cutting ability

SE Four-disc milling unit

	⊕	⊖	📦	🖥️
🔪	125 x 12,0 x 28,5 x 22,23	12.250	1	353301
🔪	150 x 12,0 x 28,5 x 22,23	10.185	1	353315

Advantages:

- No chiselling out of the middle channel is required
- Reduces dirt and dust
- Milling in one operation cuts work time by up to 50%
- Enables easy milling of wall slots (up to 30 or 40 mm slot depth)

FOR OTHER VARIANTS
see catalogue page 212



Quick assembly, thanks to a fixed disc systems.
Three-disc system for 20 mm slot width (LD403 S)
Four-disc system for 30 mm slot width (LD404)



Criss-crossed diamond segments provide milling without creating a channel.



APPLICATION
video





EXTENDED

RANGE MAINTENANCE - WITH A FINISHING TOUCH.

To give you optimum product performance into the future, our entire range of cutting and grinding discs undergoes regular 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. Among all these considerations, real and tangible benefit in terms of product performance always has top priority.

Discover our products with our innovative **EXTENDED** technology:

- XT100 EXTENDED
- XT200 EXTENDED
- RS580 EXTENDED
- JUMBO LONGLIFE EXTENDED
- JUMBO SPEED EXTENDED
- LSZ F EXTENDED
- LD404 EXTENDED



EXTENDED PRODUCTS GIVE YOU MORE:

- + Products with the latest grinding disc mix/formulation – always at the cutting edge of our production technology
- + The reliability that comes from always getting the latest product of its kind and therefore an optimum price-performance ratio
- + EXTENDED products deliver noticeably more performance than the predecessor product and therefore significantly more performance and comfort while working

CUTTING

CLEANING

GRINDING

**GRINDING/
POLISHING**

**A WELL-ROUNDED
RANGE NEEDS TO BE
UPDATED ALL THE TIME.**

At RHODIUS, we aim to create a real and tangible benefit for our customers.

Thanks to our proximity to users, we have a keen understanding of what users really need and can therefore give customers advice precisely tailored to their needs. We pick up on trends and developments in technology and provides professional users with solutions to problems via our products that help to make their work as easy as possible.

So it is no accident that we continuously expand our range and have already successfully added 334 new tools to our product range in the last five years. Looking for more performance and ways to make your grinding work easier? You can rely on our comprehensive range of tools to deliver.

MILLING

**DIAMOND
TOOLS**

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RHODIUS