

RHODIUS

CASST

SPECIAL

OUR PRODUCT RANGE

RIGHT FIRST TIME

Specialised cutting and grinding tools for machining cast parts.

Reliable

High-performance

Precise

Versatile





**Our special high-performance range.
Made with you in mind.**

Every RHODIUS tool represents the expertise of our experienced employees in consulting, development and production. Even with a host of innovative solutions to our name, we don't have to re-invent the wheel for every new requirement, however: our diverse range of tools is now immediately available.

Benefit from

- A high-performance series of grinding tools for a wide variety of cast part types and applications
- Specialised tools for your cast part machining applications
- Rapid availability thanks to our vast in-stock inventory.

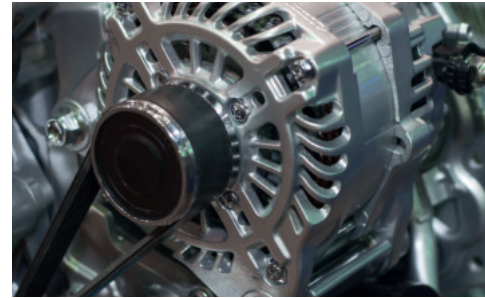


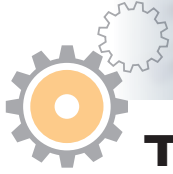
IT'S ALL ABOUT ONE THING:

GETTING TOP-QUALITY WORKING RESULTS.

The specifications for cast parts are as numerous as the requirements for high-precision machining. Maximum performance can be achieved only if the machine, material quality, part geometry and tool are a perfect match for one another. With RHODIUS, you benefit from 60 years of know-how in the development of grinding tools for cast part machining. Our impressive, highly specialised solutions offer quality and reliability while making your work simpler, more comfortable and simply more cost-effective.

- Industry-specific solutions for maximum efficiency in your machining process – giving you more parts per hour
- Expert local support to capture every last detail of your requirements
- A broad range of products for any grinding job
- Optimum selection of tools
- A wide choice of product lines ensures an optimum price/performance ratio





TECHNICAL SUPPORT

Advice, user support, process optimisation and assistance provided by our technical field sales team



KNOW-HOW TRANSFER

with training for your employees

From pros, for pros

SOLUTION

PRO-QUALITY TOOLS

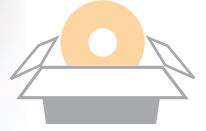
are available as standard from RHODIUS. We know what we're talking about – we've been helping to maximise productivity in your industry for over 60 years





CONTINUOUS INNOVATION

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



RELIABLE LOGISTICS

and immediate availability give you first-class planning reliability

high-end SOLUTIONS

We look forward to helping you!

We've been providing advice and assistance to casting business for many years. Get in touch with us and get to grips with your grinding issues. We know the unique problems that you face in your industry – and we'll work on finding a solution for your specific needs.



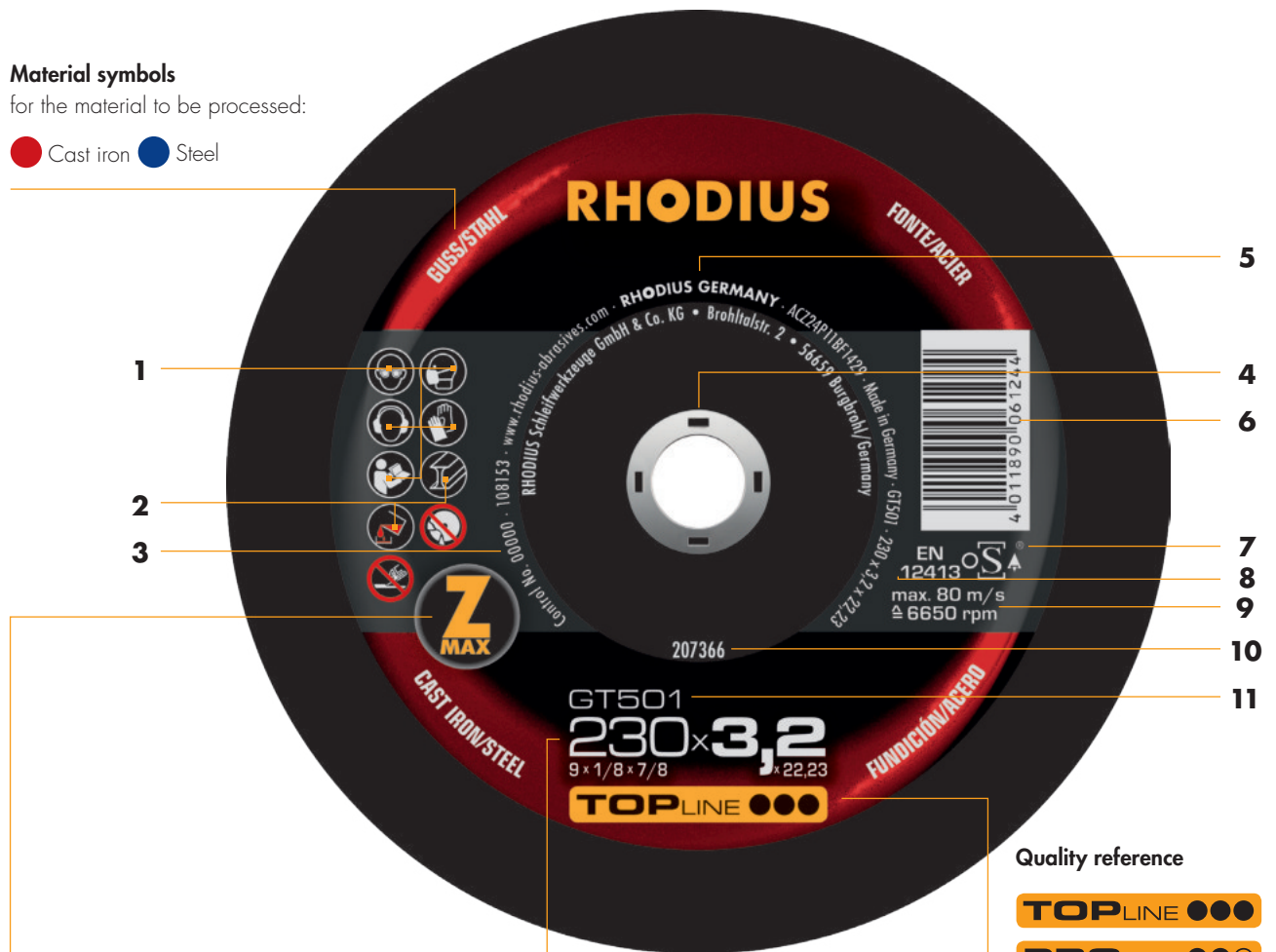
SCHEDULE A CONSULTATION:

Tel.: +49 2636 920-500

THE LABEL

Material symbols

for the material to be processed:



Z-MAX technology

High-performance discs with zirconium:

The special structure of the zirconium enables a very efficient self-sharpening effect of the abrasive grain.

This gives the Z-MAX tools a high stock removal performance combined with a cool cut and good lifetime.

Dimensions

in mm and inches

230 × **3,2** × **22,32**

Disc diameter in mm

Disc width

Bore hole

Quality reference



1 Safety pictograms

Overview at end of catalogue

2 Material pictograms

Overview at end of catalogue

3 Traceability code

4 Info ring with expiry date

5 Name of manufacturer

6 GTIN (EAN barcode)

7 oSa identification

see p. 07

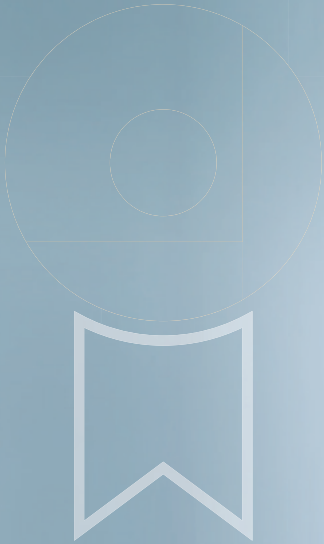
8 European standard for

bonded abrasive products

9 Maximal permissible working speed

10 Part number

11 Product reference



Helmut Steinmetzler,
Head of Quality Assurance

“ENSURING THE SAFETY OF OUR TOOLS IN DAY-TO-DAY USE IS OUR HIGHEST PRIORITY.”

RHODIUS production techniques are unique. Virtually all of our cutting and grinding tools are manufactured by our own high-performance machines. This creates high-end products from a single source able to meet stringent quality and safety requirements. As one of the leading manufacturers of grinding tools, RHODIUS is fully compliant with all national and international legislation, standards and directives. Our quality management system is certified to EN ISO 9001 and therefore guarantees full compliance with applicable regulations. A promise that we make to all our customers.

There are also good reasons for RHODIUS being a member of the German Abrasives Association (VDS) and the Federation of European Producers of Abrasives (FEPA). Since grinding tools can be extremely dangerous when used incorrectly or improperly, we have drawn up these safety instructions for you as our user, to protect your health and safety and reduce the risk of accidents.



CONTENTS



Cutting discs 10

Diamond cutting discs 13

Grinding discs 14

Stationary cutting discs 19

YOUR FASTEST WAY TO THE RIGHT PRODUCT

GT (CUTTING DISCS FOR CAST PARTS)

		Reference	GT 502	GT 501	GT 403	GT 402	GT 203	GT 202
		Page	11	11	11	12	12	12
		Ø mm	230	230	180 / 230	180 / 230	230	230
		Shape	42	41 / 42	41 / 42	41 / 42	41 / 42	41
		Quality reference						
		Grain	●●●●●	●●●●●	●●●○○	●●●○○	●○○○○	●○○○○
Cast iron with lamellar graphite (grey cast iron)	EN-GJL-150 GG 15			●	○	●	○	○
	EN-GJL-200 GG 20		●	●	○	●	○	○
	EN-GJL-250 GG 25		●	●	●	●	○	●
	EN-GJL-300 GG 30		●	●	●	●	○	○
Cast iron with spheroidal graphite (ductile cast iron)	EN-GJS-350-22-LT GGG 35.3		●	●	○	●	○	○
	EN-GJS-400-18-LT GGG 40.3		●	●	○	●	●	●
	EN-GJS-400-15 GGG 40		●	●	○	●	●	●
	EN-GJS-500-7 GGG 50		●	●	●	●	○	○
	EN-GJS-600-3 GGG 60		●	●	●	●	○	○
	EN-GJS-700-2 GGG 70		●	●	●	●	○	○
	EN-GJS-800-7 GGG 80		○	●	○	○	○	○
	EN-GJS-900-4 GGG 90			●	○		○	○
	Cast steel		○	○	○	○	●	○
	Cast stainless steel						●	
NF (non-ferrous) cast parts							●	
Cast parts with metal penetration		○	○					

Comments:

* Metal penetration (burnt sand):

A thin metal/mineral crust adhering firmly to the cast part, caused by the mixing (penetration) of the metal casting material with the mould sand.



Cast parts with metal penetration should be processed with products that contain silicon carbide grain (SiC)!



GT502

mm:
3,3

TOP LINE ●●●

Cast-iron freehand cutting disc for angle grinders with first-class performance and quality.

Grain ●●●●●●
aluminium oxide, zirconium, silicon carbide

- With aluminium oxide, zirconium and silicon carbide
- Especially suitable for use on soft to medium-hard types of cast-irons
- Less suitable for use on materials with light to medium metal penetration

GT502

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
230 × 3.3 × 22.23	6650	25	210315	4011890097557

Abrasive identification according to EN12413: 73AC24Q10BF13829

Shape 42



GT501

mm:
3,2

TOP LINE ●●●

Cast-iron freehand cutting disc for compressed-air turbine grinders and powerful, high-frequency/electric angle grinders with first-class performance and quality.

Grain ●●●●●●
aluminium oxide, zirconium, silicon carbide

- With aluminium oxide, zirconium and silicon carbide
- Especially suitable for use for soft to hard types of cast-iron
- Less suitable for use on materials with light to medium metal penetration

GT501

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
230 × 3.2 × 22.23 ²⁾	6650	25	207366	4011890061244
230 × 3.2 × 22.23 ¹⁾	6650	25	207481	4011890061640

Abrasive identification according to EN12413: ACZ24P11BF1429

1) Form 41

2) Form 42



GT403

mm:
3,2

TOP LINE ●●●

Cast-iron freehand cutting disc for angle grinders with first-class performance and quality. Not suitable for materials with metal penetration.

Grain ●●●●○○
aluminium oxide, zirconium

- With aluminium oxide and zirconium
- Particularly suitable for medium-hard type of cast-iron

GT403

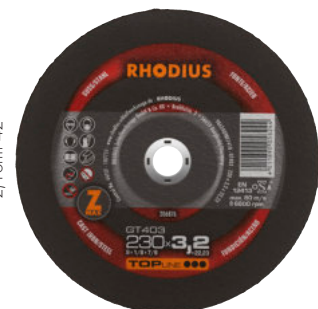
⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
180 × 3.2 × 22.23 [*]	8500	25	206870	4011890058183
230 × 3.2 × 22.23 ¹⁾	6650	25	206876	4011890058244

Abrasive identification according to EN12413: 98A24U9BF1418

*Article on request

1) Form 41

2) Form 42



mm:
2,8-3,2

GT402

TOP LINE ●●●

●●●●○ Grain
aluminium oxide, zirconium

Cast-iron freehand cutting disc for compressed-air turbine grinders and powerful high-frequency/electric angle grinders with first-class performance and quality. Not suitable for materials with metal penetration.

- With aluminium oxide and zirconium
- Especially suitable for use on soft to medium-hard types of cast-iron



GT402

⊕	⊖/mm	📦	💻	GTIN/pc. EAN/pc.
180 × 3.2 × 22.23 ¹⁾ *	8500	25	206811	4011890058428
230 × 2.8 × 22.23 ¹⁾ *	6650	25	206815	4011890058466
230 × 3.2 × 22.23 ²⁾	6650	25	206818	4011890058497

Abrasive identification according to EN12413: 91A36R8BF1421
*Article on request

mm:
2,8-3,2

GT203

PRO LINE ●●○

●●○○○ Grain
aluminium oxide

Cast-iron freehand cutting disc for angle grinders, for meeting demanding foundry industry quality requirements. Not suitable for materials with metal penetration.

- With aluminium oxide
- Suitable for soft to hard types of cast-iron
- Particularly suitable for cast stainless steel and cast steel



GT203

⊕	⊖/mm	📦	💻	GTIN/pc. EAN/pc.
230 × 2.8 × 22.23 ¹⁾	6650	25	206886	4011890058343
230 × 3.2 × 22.23 ¹⁾	6650	25	206888	4011890058367
230 × 3.2 × 22.23 ²⁾	6650	25	206889	4011890058374

Abrasive identification according to EN12413: 74A24U9BF1420

mm:
3,3

GT202

PRO LINE ●●○

●●○○○ Grain
aluminium oxide

Cast-iron freehand cutting disc for compressed-air turbine grinders and powerful high-frequency/electric angle grinders, for meeting demanding quality requirements of the foundry industry. Not for materials with metal penetration

- With aluminium oxide
- Suitable for soft to hard types of cast-iron
- Particularly suitable for non-ferrous casting types



GT202

⊕	⊖/mm	📦	💻	GTIN/pc. EAN/pc.
230 × 3.3 × 22.23	6650	25	205060	4011890065525

GD (CAST-IRON DIAMOND CUTTING DISC)



≤300 mm ≥300 mm

GD200 IMPULS

TOPLINE

mm: **2,8 - 3,3**

Lifetime
Cutting ability

This diamond cutting disc for processing cast types like grey cast iron and ductile cast iron (with more than 2.06% carbon) improves cutting behaviour and working comfort for the operator: depending on the type of cast-iron being worked on, the GD200 Impuls offers a service life up to 25 times longer than conventional, resin-bonded cutting discs.

- Extremely long lifetime
- Fewer tool changes mean rapid progress while working
- Reduced levels of dust production
- Uniform cut depth
- Long lifetime in storage
- Cool cut

As with all of our diamond cutting discs, the design of the GD200 IMPULS/ GDK220 IMPULS 2/ GDK240 IMPULS 3 means that face grinding is not possible!

GD200 IMPULS

				GTIN/pc. EAN/pc.
230 × 3.0 × 2.8 × 22.23	6650	1	303521	4011890072578
302 × 3.1 × 3.0 × 22.23	5100	1	303339	4011890074756
409 × 3.3 × 3.0 × 20.00	4800	1	303519	4011890072844

GDK220 IMPULS 2

				GTIN/pc. EAN/pc.
230 × 3.2 × 2.8 × 22.23	6650	20	303520	4011890072820

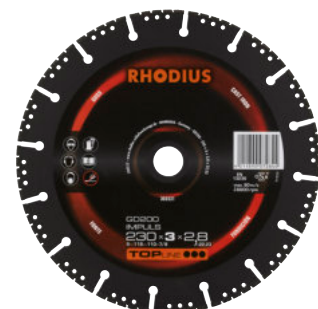
GDK240 IMPULS 3

				GTIN/pc. EAN/pc.
230 × 6.0 × 3.3 × 22.23	6650	20	303705	4011890084106

straight



depressed



YOUR FASTEST WAY TO THE RIGHT PRODUCT

GS (GRINDING DISCS FOR CAST PARTS)

		Reference	GS 556	GS 501	GS 454	GS 452	GS 351	RS22	GS 151
		Page	15	15	15	16	16	18	17
		Ø mm	230	230	180/230	230	180	180/230	180/230
		Quality reference							
		Grain							
Cast iron with lamellar graphite (grey cast iron)	EN-GJL-150 GG 15	Soft		●			●	●	●
	EN-GJL-200 GG 20		●	●		●	●	●	●
	EN-GJL-250 GG 25		●	●	●	●	●	●	●
	EN-GJL-300 GG 30		●	●		●	●	●	●
Cast iron with spheroidal graphite (ductile cast iron)	EN-GJS-350-22-LT GGG 35.3	v		●		●	●	●	●
	EN-GJS-400-18-LT GGG 40.3			●	●	●	●	●	●
	EN-GJS-400-15 GGG 40	medium		●	●	●	●	●	●
	EN-GJS-500-7 GGG 50		●	●	●	●	●	●	●
	EN-GJS-600-3 GGG 60	hard	●	●	●	●	●	●	●
	EN-GJS-700-2 GGG 70			●		●	●	●	●
	EN-GJS-800-7 GGG 80			●			●		●
	EN-GJS-900-4 GGG 90			●			●		●
Cast steel			●	●	●	●	●	●	●
Cast stainless steel									
NF (non-ferrous) cast parts							●		●
Cast parts with metal penetration			●	●			●		●

Comments:

* Metal penetration (burnt sand):

A thin metal/mineral crust adhering firmly to the cast part, caused by the mixing (penetration) of the metal casting material with the mould sand.



Cast parts with metal penetration should be processed with products that contain silicon carbide grain (SiC)!



GS556

mm:
4,8

TOPLINE ●●●

Grain ●●●●●●
aluminium oxide, zirconium, silicon carbide



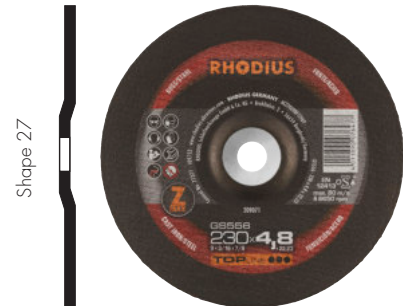
Cast-iron grinding disc for angle grinders with first-class performance and quality.

- With aluminium oxide, zirconium and silicon carbide
- Especially suitable for use on soft and medium-hard types of cast-iron
- Less suitable for use on materials with light to medium metal penetration

GS556

				GTIN/pc. EAN/pc.
230 x 4.8 x 22.23	6650	10	209071	4011890076477

Abrasive identification according to EN12413: ACZ24U9BF11969



Shape 27



GS501

mm:
4,0

TOPLINE ●●●

Grain ●●●●●●
aluminium oxide, zirconium, silicon carbide



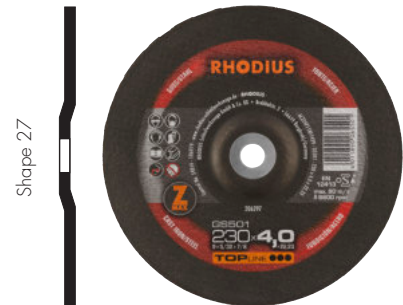
Cast-iron grinding disc for angle grinders with first-class performance and quality.

- With aluminium oxide, zirconium and silicon carbide
- Especially suitable for soft to hard types of cast-iron
- Less suitable for use on materials with light to medium metal penetration

GS501

				GTIN/pc. EAN/pc.
230 x 4.0 x 22.23	6650	10	206297	4011890065501

Abrasive identification according to EN12413: ACZ24P11BF1429



Shape 27



GS454

mm:
7,0

TOPLINE ●●●

Grain ●●●●○○
aluminium oxide, zirconium



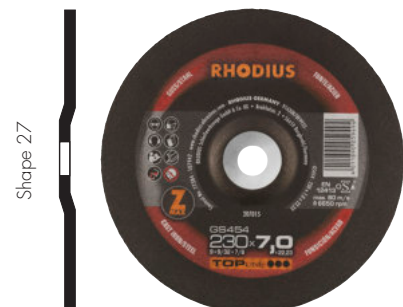
Cast-iron grinding disc for compressed-air turbine grinders and powerful high-frequency/electric angle grinders with first-class performance and quality. Not suitable for materials with metal penetration.

- With aluminium oxide and zirconium
- Suitable for soft cast types

GS454

				GTIN/pc. EAN/pc.
180 x 7.0 x 22.23	8500	10	206825	4011890058589
230 x 7.0 x 22.23	6650	10	207015	4011890059494

Abrasive identification according to EN12413: 91A30R7BF9933



Shape 27

mm:
7,0-8,0

GS452

TOP LINE ●●●



●●●●○ Grain
aluminium oxide, zirconium

Cast-iron grinding disc for angle grinders with first-class performance and quality. Not suitable for materials with metal penetration.

- With aluminium oxide and zirconium
- Especially suitable for use on soft to medium-hard types of cast-iron



Shape 27

GS452

					GTIN/pc. EAN/pc.
	180 x 8.0 x 22.23	8500	10	207427	4011890061275
	230 x 7.0 x 22.23	6650	10	206120	4011890057940

Abrasive identification according to EN12413: 91A20R8BF9726

mm:
7,0-8,0

GS351

PRO LINE ●●●○



●●●●○ Grain
aluminium oxide, silicon carbide

Cast-iron grinding disc for compressed-air turbine grinders and powerful high-frequency/electric angle grinders, for meeting demanding quality requirements of the foundry industry. No need for a tool change, since light to medium types and crusts of cast-iron can be processed.

- With aluminium oxide and silicon carbide
- Especially suitable for soft to hard types of cast-iron
- Particularly suitable for non-ferrous cast types
- Less suitable for use on materials with light to medium metal penetration



Shape 27

GS351

					GTIN/pc. EAN/pc.
	180 x 8.0 x 22.23	8500	10	206916	4011890058961
	230 x 7.0 x 22.23*	6650	10	207022	4011890059579

Abrasive identification according to EN12413: AC24N7BF9876

*Article on request



GS151

ALPHALINE ●○○

mm:
7,0

Grain ●●○○○○
silicon carbide

Cast-iron grinding disc also suitable for low-power angle grinders. High-performance tool for the cost-conscious professional. Ideal for use on crust of cast iron, and materials with strong metal penetration and sand inclusions.

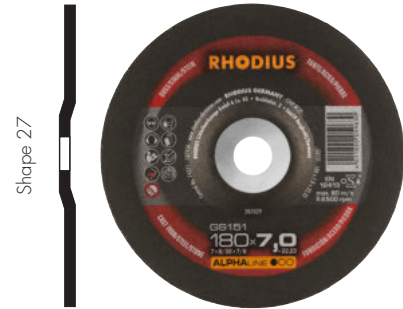
- With silicon carbide
- Suitable for soft to hard types of cast-iron
- Particularly suitable for non-ferrous cast types
- Very suitable for materials with light to medium metal penetration

GS151

⊕	⊖/min	📦	💻	GTIN/pc. EAN/pc.
180 x 7.0 x 22.23	8500	10	207029	4011890059630
230 x 7.0 x 22.23*	6650	10	207030	4011890059647

Abrasive identification according to EN12413: C24PBF29

* Article on request



RS66

TOPLINE ●●●

mm:
7,0

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

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

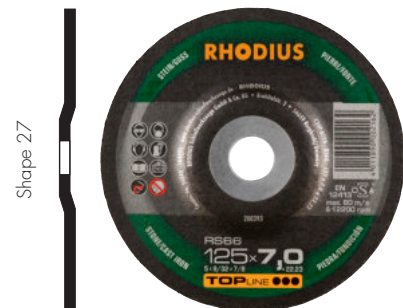
- Long service life
- Good stock removal performance
- Aggressive grinding

i For high-frequency and air grinders, please ensure you only use the GS151 Parts from our retail assortment

RS66

⊕	⊖/min	📦	💻	GTIN/pc. EAN/pc.
180 x 7.0 x 22.23	8500	10	200403	4011890002209
230 x 7.0 x 22.23	6650	10	200413	4011890002247
230 x 8.0 x 22.23			200419	4011890002261

Abrasive identification according to EN12413: C24PBF29



mm:
7,0

RS480

TOP LINE ●●●



- Lifetime
- Stock removal
- Hardness

High-performance stainless steel rough grinding disc with ceramic abrasive grain. Also performs very well on steel and cast iron.

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



Shape 27

i parts from our retail assortment

RS480

	⊕	⊖/mm	📦	💻	GTIN/pc. EAN/pc.
180 x 7.0 x 22.23		8500	10	210240	4011890096468
230 x 7.0 x 22.23		6650	10	210241	4011890096475

Abrasive identification according to EN12413: 78A24A10BF13778

mm:
8,0

RS22

PRO LINE ●●●○

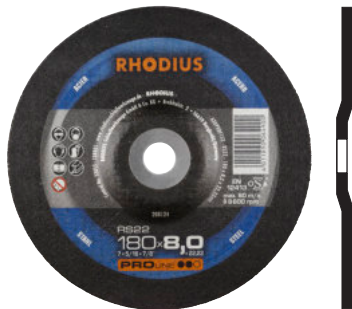


- Lifetime
- Stock removal
- Hardness

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

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

i Especially for high-frequency machines
parts from our retail assortment



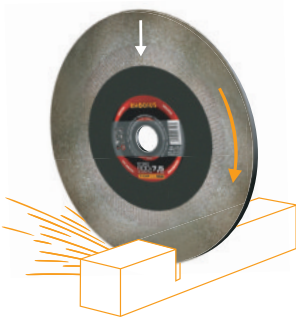
Shape 27

RS22

	⊕	⊖/mm	📦	💻	GTIN/pc. EAN/pc.
180 x 8.0 x 22.23		8500	10	208124	4011890064900

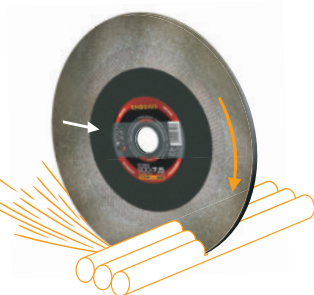
Abrasive identification according to EN12413: A30P8-BF153

AN OVERVIEW OF ABRASIVE CUTTING TECHNIQUES



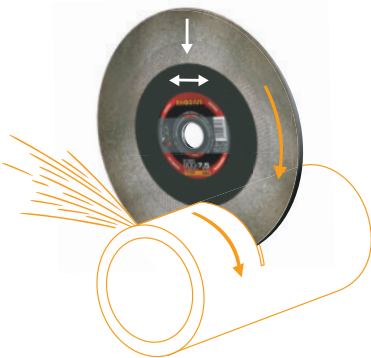
Chop cut

Cut is made via a joint centre point (radial curve path).



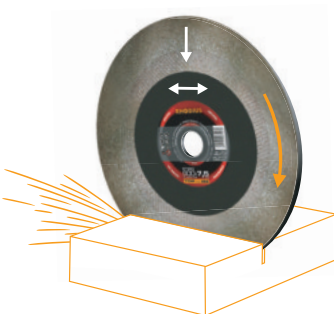
Horizontal cut

Cut is made in a horizontal motion



Orbital cut

Cut is made with a single stroke as the workpiece is rotated continuously, following a circular path.



Oscillation cut

Cut is made with a single stroke combined with an oscillating disc motion.

Clamping flange diameters for abrasive cutting discs made of bonded abrasives

(excerpt from EN ISO 16089)

Machine type	Abrasive product			Maximum working speed m/s	Outer diameter of the clamping flanges mm
	Designation	Dimensions in mm	Bond		
stationary abrasive cutting machines	flat abrasive cutting disc	$D \leq 800$	BF	80, 100	$\geq 0,25 \cdot D$
	depressed abrasive cutting disc	all D	BF	≤ 100	$\geq 0,25 \cdot D$, minimum
abrasive swing-cutting machines	flat and depressed abrasive cutting disc	$D \leq 600$	BF	≤ 80	$H+2 \cdot (0,17 \cdot M)$

mm:

4,0**FT180****TOP LINE** ●●●

Cutting disc for stationary cutting/grinding machines.

- Can be used on materials including cast steel
- Less suitable for use on materials with light to medium metal penetration



Shape 41

FT180

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
350 x 4.0 x 25.40	5460	10	206785	4011890058527

Abrasive identification according to EN12413: 97AC30N10BF10180

mm:

5,3**FT876****TOP LINE** ●●●

Cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron/compacted graphite iron, SiMo cast iron and Ni-resist cast iron
- Not suitable for materials with metal penetration



Shape 41

FT876

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
300 x 5.3 x 60.00	6400	10	205008	4011890062050

Abrasive identification according to EN12413: A2AT7BF8876

mm:

4,0**ST124****TOP LINE** ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including bronze, brass, cast aluminium
- Not suitable for materials with metal penetration



Shape 41

ST124

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
400 x 4.0 x 40.00	4800	10	206764	4011890065099

Abrasive identification according to EN12413: 89A24P12BF10124



ST134

mm:
7,8

TOP LINE ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including superalloys/nickel-based alloys
- Equipped with additional flange fabric
- Not suitable for materials with metal penetration

ST134				
				GTIN/pc. EAN/pc.
600 x 7.8 x 80.00	3200	6	210486	4011890099766

Abrasive identification according to EN12413: 97A24U10BF13743

Shape 41



ST148

mm:
5,2-6,0

TOP LINE ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron, nickel-based cast iron, cast steel and cast (iron-/sulphur-free) stainless steel in particular
- Not suitable for materials with metal penetration

ST148				
				GTIN/pc. EAN/pc.
500 x 5.2 x 40.00	3850	10	210616	4011890101452
600 x 6.0 x 100.00	3200	6	210852	4011890113028

Abrasive identification according to EN12413: 98A24U11BF14148

Shape 41



ST227

mm:
5,5-7,0

TOP LINE ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including high-alloy steel and other steels
- Not suitable for materials with metal penetration

ST227				
				GTIN/pc. EAN/pc.
500 x 5.5 x 80.00	3850	8	210705	4011890109960
500 x 6.0 x 40.00	3820	8	209599	4011890090961
500 x 7.0 x 40.00	3820	8	210108	4011890095386

Abrasive identification according to EN12413: 89A24T10BF14121

Shape 41



mm:
6,0-7,0

ST263

TOP LINE ●●●



Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including grade 400 ductile iron and SiMo cast iron
- Equipped with additional flange fabric
- Not suitable for materials with metal penetration



Shape 41

ST263

				GTIN/pc. EAN/pc.
600 × 6.0 × 60.00	3200	6	210457	4011890098882
600 × 6.5 × 60.00	3200	6	209837	4011890094563
600 × 7.0 × 60.00	3200	6	206947	4011890064993

Abrasive identification according to EN12413: 78A20R12BF13988

mm:
7,5

ST390

TOP LINE ●●●



Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron
- Not suitable for materials with metal penetration



Shape 41

ST390

				GTIN/pc. EAN/pc.
600 × 7.5 × 60.00	3200	6	205040	4011890061985

Abrasive identification according to EN12413: 91A20R10BF390

mm:
5,5

ST398

TOP LINE ●●●



Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron and grey cast iron
- Equipped with additional flange fabric
- Not suitable for materials with metal penetration



Shape 42

ST398

				GTIN/pc. EAN/pc.
500 × 5.5 × 76.20	3850	8	207421	4011890061268

Abrasive identification according to EN12413: 91A20S11BF10398

**ST500**mm:
4,5**TOP LINE** ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including nickel-based alloys
- Not suitable for materials with metal penetration

ST500

				GTIN/pc. EAN/pc.
410 x 4.5 x 40.00	4800	10	207521	4011890061794

Abrasive identification according to EN12413: 98A24T9BF10500

Shape 41

**ST505**mm:
8,0**TOP LINE** ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron
- Equipped with four fabric layers
- Not suitable for materials with metal penetration

ST505

				GTIN/pc. EAN/pc.
600 x 8.0 x 100.00	3200	6	208577	4011890069646

Abrasive identification according to EN12413: 78A20W12BF11505

Shape 42

**ST695**mm:
6,7**TOP LINE** ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including reinforced, very high-tensile steel
- Not suitable for materials with metal penetration

ST695

				GTIN/pc. EAN/pc.
600 x 6.7 x 40.00	3200	6	210217	4011890096253

Abrasive identification according to EN12413: 78A20R12BF13695

Shape 41



mm:

6,5**ST886****TOP**LINE ●●●

Freehand cutting disc for stationary cutting/grinding machines.

- Can be used on materials including ductile iron, cast (iron-/sulphur-free) stainless steel, for drives < 30kW
- Not suitable for materials with metal penetration



Shape 41

ST886

⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
600 x 6.5 x 60.00	3200	6	210348	4011890097922

Abrasive identification according to EN12413: 78A24R12BF13886

mm:

3,0-5,0**ST56****PRO**LINE ●●●○

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

Stationary cutting disc with high stock removal performance.
Extra exterior reinforcement for use at high working speeds.

- High cutting speed
- Suitable also for cast-iron parts



Shape 41

ST56

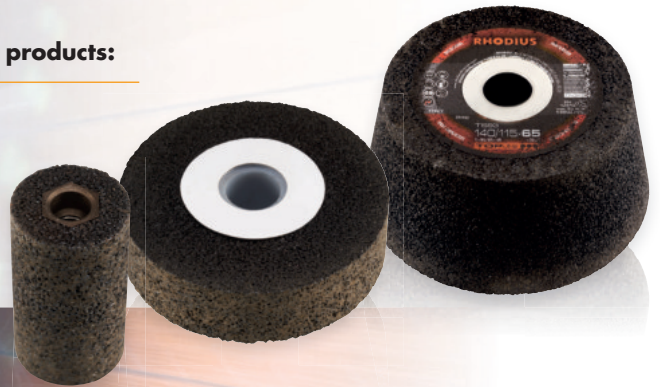
⊕	⊖/mm	📦	🖨️	GTIN/pc. EAN/pc.
300 x 3.0 x 25.40	6400	10	201397	4011890007518
350 x 3.5 x 25.40	5500	10	201415	4011890007655
400 x 4.0 x 40.00	4800	10	201432	4011890007808
500 x 5.0 x 40.00	3850	10	201457	4011890007990

Abrasive identification according to EN12413: A24R-BF564



Find out about our other products:

- Grinding discs
- Grinding cones
- Cup wheels



PERFECTLY PREPARED FOR PREMIUM-QUALITY CAST PARTS.

Designed to meet the specific requirements of the cast-iron machining industry, the RHODIUS cast-iron range includes cutting and grinding discs as well as bench grinding discs, cup wheels and grinding cones. This gives you everything you need for an efficient and user-friendly solution.

And we also have a comprehensive choice of products to meet your general workshop needs as well – where our ingenious technologies and innovative solutions work together to make your work much simpler in many different ways.

Find out more by visiting our website at www.rhodium-abrasives.com or mail us at service@rhodium.de to request our latest main product catalogue.



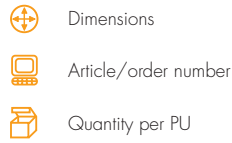
**GET TO
KNOW ALL
OF OUR
PRODUCTS!**

EXPLANATION OF SYMBOLS

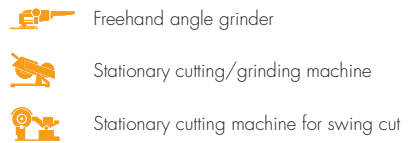
Material



Product table



Machines



Technologies



High-performance discs due to zirconium:
Due to the fine crystalline structure of the zirconium, the Z-MAX discs have a self-sharpening effect, which enables excellent stock removal performance, a cool cut and long lifetimes.



High-performance ceramic grain tools.
For industrial high-throughput grinding applications.

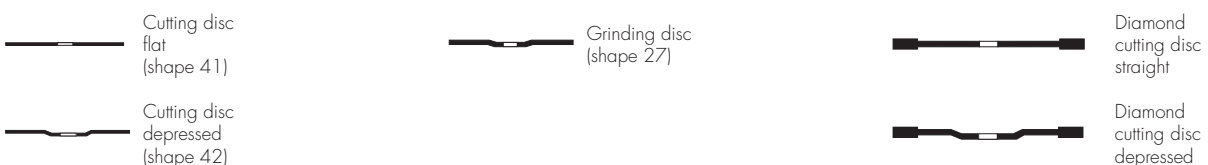
Quality system

- TOP**LINE ●●● Best products in their category for maximum performance and quality.
- PRO**LINE ●●○ For particularly high quality requirements in trade and industry.
- ALPHA**LINE ●○○ High-performance grinding tools for the cost-conscious professional.

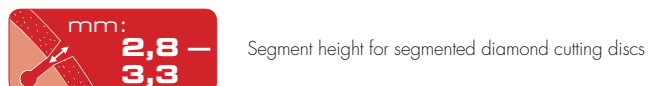
Safety and application identification



Shapes



Dimensions and models



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Burgbrohl, May 2019

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