

# rasta®

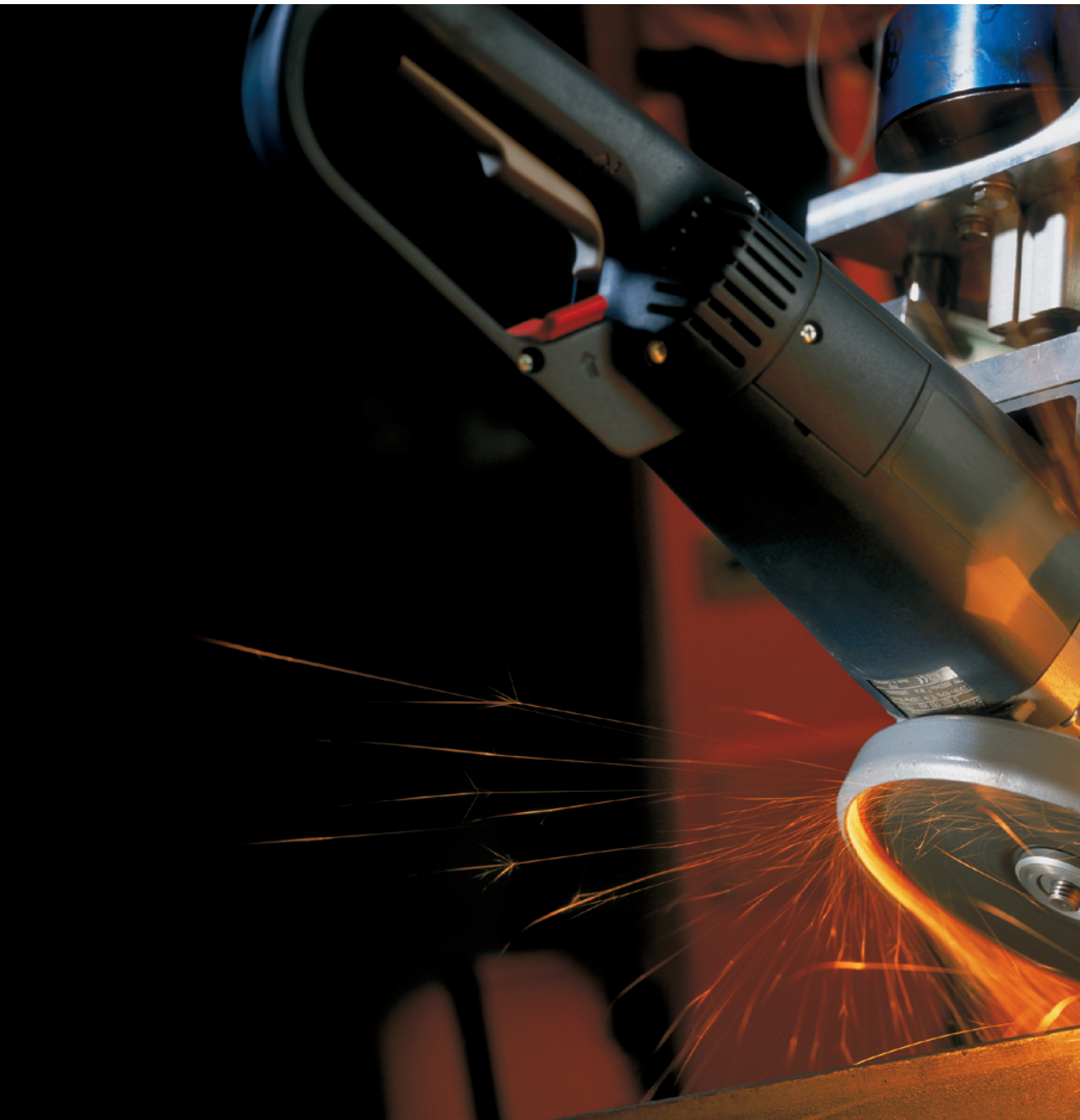
The original **SWISS** brand



PRODUCT  
CATALOGUE

# **rasta**<sup>®</sup>

The original **SWISS** brand



visit our website: [www.rastaabrasives.com](http://www.rastaabrasives.com)





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## THE RASTA BRAND

Introducing the new Rasta, abrasives of excellence programme which combines innovative product solutions with unparalleled quality. Abrasives of excellence reflects the Rasta goal to offer superior abrasive solutions to our customers. Quality, precision, durability and long service life – all typical characteristic of the Rasta product range.

- **INNOVATIVE PRODUCT SOLUTIONS**
- **QUALITY, PRECISION, DURABILITY & LONG LIFE**
- **RELIABLE AND EFFICIENT**
- **BOUGHT BY PROFESSIONALS IN 80 DIFFERENT COUNTRIES**
- **50 YEARS' EXPERIENCE**
- **VALUE FOR MONEY AND SAFER SOLUTIONS**

Reliable application oriented ranges and efficient distribution are what Rasta is renowned for. This strong combination is demonstrated by the fact that Rasta is bought by professionals in 80 different countries. The Rasta range includes cutting-off and grinding wheels, flap discs and diamond blades. Originally a Swiss company with over 50 years of experience, Rasta helps our customers to identify and implement cost-effective solutions for many industrial applications.

Rasta contributes to improving results by reducing the number of operations and machine cycle times, by increasing product quality and by offering greater productivity ratios. This allows our customers to get the most important benefits from these advanced, value for money and safer solutions, where quality is distinguished by certification from FEPA and oSa.



## A CORPORATE PERSPECTIVE

Saint-Gobain designs, manufactures and distributes materials and solutions which are key ingredients in the wellbeing of each of us and the future of all.

They can be found everywhere in our living places and our daily life: in buildings, transportation, infrastructure and in many industrial applications. They provide comfort, performance and safety while addressing the challenges of sustainable construction, resource efficiency and climate change.



Saint-Gobain is one of the world's Top 100 Leading Industrial Corporations operating in 66 countries with over 170,000 employees; it is ranked amongst the Top 100 Global Innovators and has over 350 years of industrial history.



**€39.6 BILLION SALES**

**c.170K EMPLOYEES**

**66 COUNTRIES**



**8 RESEARCH CENTRES**

**101 DEVELOPMENT  
UNITS**



**EUROPEAN OR  
WORLD LEADERS IN  
EVERY ACTIVITY**

## THE RASTA BRAND STORY

Founded in Switzerland in the 1960's, Rasta began manufacturing cutting-off and grinding wheels and soon carved out its ambition to become a global player exporting products across Europe. This international development continued throughout fuelled by the introduction of automated production presses ensuring continued manufacture of high performance quality wheels.

In 2003 Rasta was acquired by Saint-Gobain, and began adding to its product portfolio with coated and non-woven abrasives and diamond products.

Today Rasta continues to demonstrate its reputation for delivering abrasives of excellence for industrial and hardware applications.

The original **SWISS** brand

# SAME GREAT PRODUCTS WITH A NEW LOOK!

Throughout 2017 we invested in the Rasta brand identity, bringing a modern and cohesive look and feel to the brand, as well as improved quality and performance in cutting-off & grinding wheels and flap and fibre discs.



## WHY IS IT CHANGING?

Rasta's strong brand heritage and reputation for quality and performance in professional cutting-off and grinding wheels has thrived for over 50 years. The new tag line, 'The original Swiss brand' underlines Rasta's goal to offer superior abrasive solutions.

Our goal is to modernise, strengthen and harmonise Rasta's position with a newly defined visual identity to support its brand values and provide clearer product quality tiers.

### ORIGINAL RASTA DESIGN



### NEW



A structured offering of quality and performance with clearly defined 'good', 'better', 'best' and 'best innovation' solutions for all industrial applications. Rasta Classic is a specific product range for selective countries and opportunities, this range is not displayed in this catalogue. Please consult with your local Sales Manager for more details.



#### BEST INNOVATION

Superior performance and long-lasting solutions for the most demanding applications.



#### BEST

High performance industrial products for excellent results in demanding technical applications.



#### BETTER

Technical products providing high performance in more demanding applications.



#### GOOD

Entry level products with consistent performance for general applications.



## MARKETING TOOLS

A wide range of marketing tools are available to help you promote the Rasta brand. These include literature, graphics and new merchandising displays.

Point-of-sale graphics are available to help you maximise the success of your Rasta range in store.



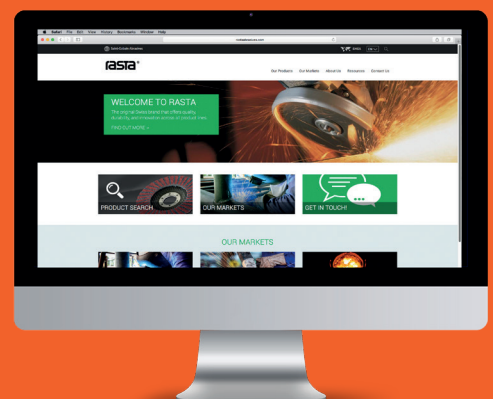
## PACKAGING

New contemporary design style with improved graphic elements and clear communication makes product selection quicker and easier.



## THE NEW RASTA WEBSITE

The new look Rasta website is now live! Visit [www.rastaabrasives.com](http://www.rastaabrasives.com) for all the latest on the new identity, product ranges and upgrades. You can also keep up to date with market information, news, events and videos.





## HEALTH, SAFETY & ENVIRONMENT

Our responsibility to customers, particularly in the area of safety and comfort, is taken very seriously. Products are designed and produced to the most stringent quality standards to guarantee optimum personal safety and user comfort. Saint-Gobain Abrasives is an active member of both FEPA and oSa.

Rasta products comply with all expectations of European health, safety and environmental standards.

FEPA, the Federation of European Producers of Abrasives, is dedicated to the promotion of safety in the use of abrasives and is actively involved in the preparation and implementation of the European (EN) and International Standards (ISO) for Abrasives and Grinding machines.

oSa, the Organisation for Safety of Abrasives pursues in close collaboration with FEPA the objectives of supporting both the currently attained European safety standards for abrasive products and their further developments.

The internal testing and certification is based on the following standards:  
 Safety requirements for Cutting-off and Grinding Wheels (EN12413: 2007)  
 Safety requirements for Coated Abrasives (EN13743: 2002)  
 Safety requirements for Diamond Blades (EN13236: 2010)

Thus the oSa symbol on the abrasive signifies enhanced application safety for the user, a reduced liability risk and excellent brand image for manufacturers, traders and those in marketing. ISO 9001, certifies Quality Management system is in accordance with requirements of quality standards. ISO 14001, certifies Environmental Management system is in accordance with requirements of environmental standards. OHSAS 18001, health and safety at work certification.



[www.fepa-abrasives.org](http://www.fepa-abrasives.org)



[www.osa-abrasives.org](http://www.osa-abrasives.org)

All Rasta cutting-off and grinding wheels, coated abrasives and diamond blades are developed and produced according to the guidelines of the FEPA and the safety standard oSa (EN12413, EN13743, EN13236). The company Rasta (Switzerland) Ltd is certified ISO 9001:2008.





## **DELIVERING ENVIRONMENTAL EXCELLENCE**

Rasta prides itself on having an environmentally friendly approach to all its business activities. This approach is actively pursued, as caring for the environment is a fundamental part of the corporate culture of Saint-Gobain. Environmental responsibility is both our responsibility as employers and also important for successful business operations.

### **ENVIRONMENT PROTECTION**

Saint-Gobain actively looks to promote its environmental principles through its widely distributed EHS (Environment, Health and Safety) policy. The Environment Policy Statement is distributed to all employees in Europe, to ensure a clear consistent message is delivered. This is supported by the responsible attitude shown by all our employees towards the use of natural resources, and constant monitoring to ensure that environmentally focused business objectives are met. This is ensured through regular procedural reviews and employee training sessions.

Rasta has to offer its customers over 50 years experience in developing top quality grinding discs and cutting-off wheels. Understanding the vital elements required in professional abrasive solutions, Rasta meets the highest criteria of performance and quality. Our quality is distinguished with the international ISO 9001:2008 certificate.

### **REDUCTION OF NATURAL RESOURCES CONSUMPTION**

New production processes and procedures are regularly implemented to help minimize the amount of waste created at all manufacturing processes. Improving process technology and systems is a strong focus to help enhance energy conservation. Manufacturing facilities implement an Environmental Management System, which complies to the international ISO 14001 standard. We, at Rasta, seek to achieve environmental excellence in all our business operations.



### **SUSTAINABLE INNOVATION**

Investing in R&D, stimulating the generation of new ideas, and increasing the speed at which cutting-edge science is turned into marketready products, are identified as key factors that determine business success and are some of Rasta's main business priorities. Rasta also takes an innovative approach to its business operations, and is committed to the continuous improvement of processes and services, creating, evaluating and exploiting new ideas to help continuously add value to its customer relations. Our innovative abrasive solutions offer outstanding productivity and versatility, and help reinforce its position as part of the world's leading manufacturer of abrasives.



## HOW TO USE THIS CATALOGUE

CUTTING-OFF & GRINDING WHEELS

COATED AND NON WOVEN ABRASIVES

DIAMOND PRODUCTS

The Rasta catalogue is divided into sections, colour coded and segmented by product type:

At the start of each product section is a range of technical and safety information to ensure you get the best from your Rasta abrasive product, whilst maintaining a safe approach. Product selection tables are also included to help you select the most appropriate product for your abrasive application.

## HOW TO ORDER

Please send your request to the export division, details can be found on the back page of the catalogue or contact your Customer Service or Sales Representative. When placing an order it helps to have the following information available:

- **YOUR NAME**
- **YOUR ACCOUNT NUMBER**
- **YOUR ORDER OR REFERENCE NUMBER**
- **PRODUCT ARTICLE NUMBER/S**
- **REQUIRED QUANTITY**
- **ANY SPECIAL INSTRUCTIONS**

If you require additional product or technical information then please do not hesitate to contact your local Customer Service or Sales Representative.

For prices and terms of sale please refer to the price list.







**raSta**®

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# CUTTING-OFF & GRINDING WHEELS

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# UNDERSTANDING THE PRODUCT

Understanding the right product to use for an application is essential for both the operator's safety as well as making sure you achieve the desired product performance.

Rasta brand

Application

Ordering code

Product line

Dimensions

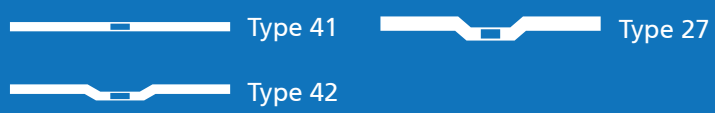
Maximum operating speed

Safety symbols

Complies with safety and quality standards

BEST INNOVATION	BEST	BETTER	GOOD

## WHEEL TYPE



## METAL RING VALIDITY DATE

V = validity date (production quarter + 3 years)

	V01	V04	V07	V10
	1st quarter	2nd quarter	3rd quarter	4th quarter

Example:  
V04/2021 indicates production in the second quarter of 2018 and advised usage before the second quarter 2021.

# PICTOGRAMS

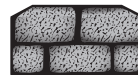
## APPLICATION PICTOGRAMS



Steel

Inox /  
Stainless SteelAluminium /  
PCV

Tiles



Stone



Rail

## MACHINE PICTOGRAMS



Cutting-off



Grinding



Angle Grinder



Straight Grinder



Chop Saw

Stationary  
Machine

Petrol Saw

Petrol Saw with clamping  
device (Rail)

# SAFETY IN STORAGE & USE

All cutting-off and grinding wheels are breakable and it is imperative that users take the appropriate precautions. Abrasive wheels that are damaged, improperly mounted or improperly used are dangerous and can cause serious injuries to any person in the vicinity. This section contains a summary of the most important precautions. Further safety recommendations can be found in the country laws, decrees and technical standards in the FEPA safety code (Federation of European Producers of Abrasives, [www.fepa-abrasives.org](http://www.fepa-abrasives.org)).

## SELECTION OF THE WHEEL

Carefully read the label or the information on the wheel and make sure that the wheel is suitable for the application and has the correct dimensions. Check that the max. rpm of the machine spindle on which you will mount the wheel never exceeds the max. rpm printed on the wheel label. Follow any restriction of use and any specific instruction which may be indicated on the wheel or on attached documents.

## INSPECTION BEFORE MOUNTING

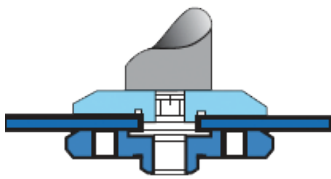
Carefully inspect the abrasive wheel: if it is damaged, in any way do not use it. Make sure that the instructions on the wheel and on the machine are compatible.



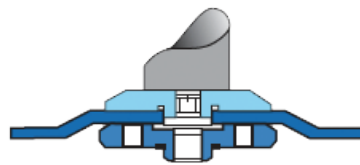
## WHEEL MOUNTING

Before starting the cutting-off or grinding operation, the wheel guard must be in position and fixed securely on the machine. The wheel guard must be capable of catching broken wheel fragments effectively and capable of withstanding the impact caused by wheel breakage.

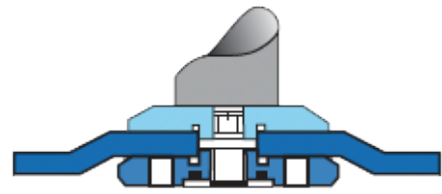
Only mount the wheels on machines designed for the operation. Never use force when mounting. Always use the mounting flanges supplied with the machine and ensure they are clean, never modify them in any way.



Type 41



Type 42



Type 27

### PERSONAL PROTECTION

Safety goggles, ear defenders, safety gloves, dust masks and, if conditions are severe, additional face protection must be worn, as well as leather aprons and safety shoes.



Mouth Protection



Wear Gloves



Eye Protection



Ear Protection



Read Instructions



Do not use for face grinding



Do not use if damaged

### PROTECTION OF THE WORKPLACE

Hand-held grinders should be used in such a manner that sparks fly away from the operators body and any flammable material. Safe operations depend on a clean and tidy working environment.

Adequate working space, good lighting and heating should be available. All relevant local, national and international regulations must be followed.

### STOPPING THE MACHINE

Switch off the machine and allow the wheel to stop completely before placing it on a bench or on the floor. Never bring the wheel to rest by applying pressure to the wheel surface.





## FORMULA 1 ZA60X

- Suitable for use on steel and stainless steel
- Ideal for use on materials less than 2mm thick
- Produces minimal vibration for more comfortable working
- Excellent manoeuvrability and extremely fast cutting
- Burr-free cutting
- High stability
- Made of aggressive premium zirconia grain

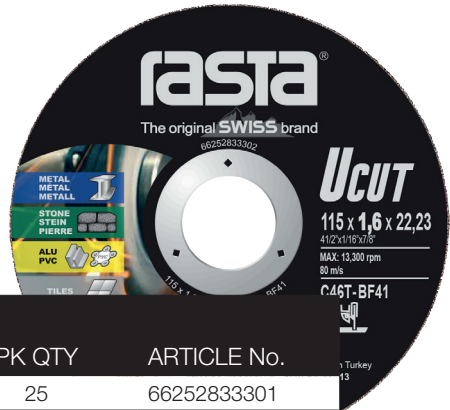


DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	100 x 1,0 x 16,0	4 x 3/64 x 5/8	ZA60X	25	66252843744*
	115 x 1,0 x 22,23	41/2 x 3/64 x 7/8	ZA60X	25	66252842245*
	115 x 1,6 x 22,23	41/2 x 1/16 x 7/8	ZA46X	25	66252843745*
	125 x 1,0 x 22,23	5 x 3/64 x 7/8	ZA60X	25	66252842246*
	125 x 1,6 x 22,23	5 x 1/16 x 7/8	ZA46X	25	66252843746*
	230 x 1,9 x 22,23	9 x 5/64 x 7/8	ZA46X	25	66252843748*

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity

## MULTI-MATERIAL C46T

- Multi-purpose wheel for use on steel, stone, glass, tiles, pvc and non-ferrous metals
- Easy and comfortable cutting
- High stability
- Free from iron





DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	115 x 1,0 x 22,23	41/2 x 3/64 x 7/8	C46T	25	66252833301
	115 x 1,6 x 22,23	41/2 x 1/16 x 7/8	C46T	25	66252833302
	125 x 1,0 x 22,23	5 x 3/64 x 7/8	C46T	25	66252833303
	125 x 1,6 x 22,23	5 x 1/16 x 7/8	C46T	25	66252833304*
	180 x 1,6 x 22,23	7 x 1/16 x 7/8	C46T	25	66252833307
	230 x 1,9 x 22,23	9 x 5/64 x 7/8	C46T	25	66252833308*

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity

## ULTRA THIN INOX / METAL A46T

- Suitable for use on steel and stainless steel
- Ideal for use on materials less than 2mm thick
- Produces minimal vibration for more comfortable working
- Excellent manoeuvrability and extremely fast cutting
- Burr-free cutting
- High stability
- Free from iron, sulphur and chlorine
- Made of precious corundum





DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	100 x 1,0 x 16,0	4 x 3/64 x 5/8	A46T	25	66252828961
	115 x 1,0 x 22,23	4 1/2 x 3/64 x 7/8	A46T	25	66252832838
	115 x 1,2 x 22,23	4 1/2 x 3/64 x 7/8	A46T	25	66252951127
	115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	A46T	25	66252951126
	125 x 1,0 x 22,23	5 x 3/64 x 7/8	A46T	25	66252832842
	125 x 1,2 x 22,23	5 x 3/64 x 7/8	A46T	25	66252951128
	125 x 1,6 x 22,23	5 x 1/16 x 7/8	A46T	25	66252951134
	180 x 1,6 x 22,23	7 x 1/16 x 7/8	A46T	25	66252828968
 TYPE 42	230 x 1,9 x 22,23	9 x 5/64 x 7/8	A46T	25	66252951141
	115 x 0,8 x 22,23	4 1/2 x 1/32 x 7/8	A46T	25	66252833328
	125 x 0,8 x 22,23	5 x 1/32 x 7/8	A46T	25	66252833329
	180 x 1,6 x 22,23	7 x 1/16 x 7/8	A46T	25	66252828971
	230 x 1,9 x 22,23	9 x 5/64 x 7/8	A46T	25	66252832836

## GENERAL PURPOSE METAL A30T

- Suitable for use on steel and stainless steel
- General purpose wheel for industrial applications
- Long wheel life
- Fast cutting
- Free from iron, sulphur and chlorine
- Made of corundum



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	100 x 2,5 x 16,0	4 x 3/32 x 5/8	A30T	25	66252921630*
	115 x 2,0 x 22,23	4 1/2 x 5/64 x 7/8	A30T	25	66252923417
	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	A30T	25	66252923413
	125 x 2,0 x 22,23	5 x 5/64 x 7/8	A30T	25	66252923423
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	A30T	25	66252923419
	150 x 2,0 x 22,23	6 x 5/64 x 7/8	A30T	25	66252921637
	180 x 2,0 x 22,23	7 x 5/64 x 7/8	A30T	25	66252920929
	180 x 3,0 x 22,23	7 x 1/8 x 7/8	A30T	25	66252920864
	230 x 2,0 x 22,23	9 x 5/64 x 7/8	A30T	25	66252923428
	230 x 3,0 x 22,23	9 x 1/8 x 7/8	A30T	25	66252920267
 TYPE 42	100 x 2,5 x 16,0	4 x 3/32 x 5/8	A30T	25	66252921657
	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	A30T	25	66252923416
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	A30T	25	66252923422
	180 x 3,0 x 22,23	7 x 1/8 x 7/8	A30T	25	66252921177
	230 x 3,0 x 22,23	9 x 1/8 x 7/8	A30T	25	66252923434


\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity



### GENERAL PURPOSE METAL A30R

- Suitable for use on steel and stainless steel
- General purpose wheel for industrial applications
- Long wheel life
- Fast grinding
- Free from iron, sulphur and chlorine
- Made of corundum





DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 27	100 x 6,0 x 16,0	4 x 1/4 x 5/8	A30R	10	66252832825
	115 x 4,0 x 22,23	4 1/2 x 5/32 x 7/8	A30R	10	66252923397*
	115 x 6,0 x 22,23	4 1/2 x 1/4 x 7/8	A30R	10	66252923399
	125 x 4,0 x 22,23	5 x 5/32 x 7/8	A30R	10	66252923400*
	125 x 6,0 x 22,23	5 x 1/4 x 7/8	A30R	10	66252923403
	150 x 6,0 x 22,23	6 x 1/4 x 7/8	A30R	10	66252921612
	180 x 4,0 x 22,23	7 x 5/32 x 7/8	A30R	10	66252921179*
	180 x 6,0 x 22,23	7 x 1/4 x 7/8	A30R	10	66252920821
	180 x 8,0 x 22,23	7 x 5/16 x 7/8	A30R	10	66252920883
	230 x 6,0 x 22,23	9 x 1/4 x 7/8	A30R	10	66252920884
230 x 8,0 x 22,23	9 x 5/16 x 7/8	A30R	10	66252921615	

\* combo wheels (both cutting&grinding)

### GENERAL PURPOSE STONE C24R

- Suitable for use on stone and masonry
- Universal applications
- Clean and precise cutting
- Made from high performance silicon carbide
- See also our complete Diamond Blade selection



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	100 x 2,5 x 16,0	4 x 3/32 x 5/8	C24R	25	66252832823
	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	C24R	25	66252923444
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	C24R	25	66252923447
	180 x 3,0 x 22,23	7 x 1/8 x 7/8	C24R	25	66252920928
	230 x 3,0 x 22,23	9 x 1/8 x 7/8	C24R	25	66252923454
 TYPE 42	100 x 2,5 x 16,0	4 x 3/32 x 5/8	C24R	25	66252832833
	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	C24R	25	66252923446
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	C24R	25	66252923449
	230 x 3,0 x 22,23	9 x 1/8 x 7/8	C24R	25	66252923456

## CHOP SAW METAL A30T

- Suitable for use on steel
- Designed for low power electric and fixed machines (80m/s)
- Maximum safety due to 2 reinforcements
- Quick and free cutting
- High stability and long wheel life
- Made from corundum



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	300 x 2,5 x 25,4	12 x 3/32 x 1	A30T	10	66252951137
	350 x 3,0 x 25,4	14 x 1/8 x 1	A30T	10	66252951138
	400 x 3,5 x 25,4	16 x 9/64 x 1	A30T	10	66252828985

## STATIONARY SAW METAL A30T

- Suitable for use on steel
- Burn and burr-free cutting
- Designed for stationary machines (up to 100 m/s)
- Long wheel life
- Fast and free cutting
- Made from corundum
- High stability provides straight cuts



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	350 x 3,5 x 25,4	14 x 9/64 x 1	A30T	10	66252951143
	350 x 3,5 x 40,0	14 x 9/64 x 19/16	A30T	10	66252828981*
	400 x 4,0 x 25,4	16 x 5/32 x 1	A30T	10	66252828983*
	400 x 4,0 x 40,0	16 x 5/32 x 19/16	A30T	10	66252828982*

\* Minimum Order Quantity

Please consult your local Customer Service for the minimum order quantity

## STATIONARY SAW STONE C24N / C24V

- Suitable for use on stone and masonry
- Universal applications
- Clean and precise cutting
- Made from high performance silicon carbide



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	300 x 3,7 x 25,4	12 x 9/64 x 1	C24V	10	66252919115
	350 x 3,5 x 25,4	14 x 9/64 x 1	C24N	10	66252832492



**PETROL SAW METAL A24T** 

- Suitable for use on steel
- For use on petrol and electrical handheld machines
- Diameter 350mm: 100m/s maximum operating speed
- Long wheel life
- Fast and free cutting
- Made from corundum



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	300 x 3,5 x 20,0	12 x 9/64 x 3/4	A24T	10	66252951144
	300 x 3,5 x 22,23	12 x 9/64 x 7/8	A24T	10	66252951146
	300 x 3,5 x 25,4	12 x 9/64 x 1	A24T	10	66252919072*
	350 x 4,0 x 20,0	14 x 5/32 x 3/4	A24T	10	66252919116*

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity

**ULTRA THIN INOX / METAL A46T**

- Suitable for use on steel and stainless steel
- High performance, long wheel life
- Easy and comfortable cutting
- Free from iron, sulphur and chlorine






DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	115 x 1,0 x 22,23	4 1/2 x 3/64 x 7/8	A46T	25	66252832840
	115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	A46T	25	66252919065
	125 x 1,0 x 22,23	5 x 3/64 x 7/8	A46T	25	66252832844
	125 x 1,6 x 22,23	5 x 1/16 x 7/8	A46T	25	66252919066
	180 x 1,6 x 22,23	7 x 1/16 x 7/8	A46T	25	66252828970
	230 x 1,9 x 22,23	9 x 5/64 x 7/8	A46T	25	66252919067

## METAL A30T / A30R

- Suitable for use on steel
- Good performance and wheel life ratio



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
 TYPE 41	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	A30T	25	66252919165
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	A30T	25	66252919167
	180 x 3,0 x 22,23	7 x 1/8 x 7/8	A30T	25	66252919169
	230 x 3,0 x 22,23	9 x 1/8 x 7/8	A30T	25	66252919171
 TYPE 42	100 x 2,5 x 16,0	4 x 3/32 x 5/8	A30T	25	66252919164
	115 x 2,5 x 22,23	4 1/2 x 3/32 x 7/8	A30T	25	66252919166
	125 x 2,5 x 22,23	5 x 3/32 x 7/8	A30T	25	66252919168
	180 x 3,0 x 22,23	7 x 1/8 x 7/8	A30T	25	66252919170
 TYPE 27	230 x 3,0 x 22,23	9 x 1/8 x 7/8	A30T	25	66252919172
	100 x 6,0 x 16,0	4 x 1/4 x 5/8	A30R	10	66252832815
	115 x 6,0 x 22,23	4 1/2 x 1/4 x 7/8	A30R	10	66252919181
	125 x 6,0 x 22,23	5 x 1/4 x 7/8	A30R	10	66252919182
	180 x 6,0 x 22,23	7 x 1/4 x 7/8	A30R	10	66252919183
	230 x 6,0 x 22,23	9 x 1/4 x 7/8	A30R	10	66252919185

## CHOP SAW METAL A30T



- Suitable for use on steel
- Good performance and wheel life ratio
- Designed for low power electric and fixed machines (80m/s)



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	300 x 2,8 x 25,4	12 x 1/8 x 1	A30T	10	66252919191
	300 x 3,0 x 25,4	12 x 1/8 x 1	A30T	10	66252919193
	350 x 3,0 x 25,4	14 x 1/8 x 1	A30T	10	66252919192
	400 x 3,5 x 25,4	16 x 9/64 x 1	A30T	10	66252831671

## PETROL SAW METAL A30T



- Suitable for use on steel
- Good performance and wheel life ratio
- Designed for petrol and electrical handheld machines (80m/s)



DIMENSIONS					
Type	mm	Inches	SPEC	PK QTY	ARTICLE No.
TYPE 41	300 x 3,5 x 20,0	12 x 9/64 x 3/4	A30T	10	66252919195
	300 x 3,5 x 22,23	12 x 9/64 x 7/8	A30T	10	66252919196

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity





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# COATED AND NON WOVEN ABRASIVES

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Non-Woven Discs & Back-Up Pads	30

# UNDERSTANDING THE PRODUCT

Understanding the right product to be used for an application is essential for both the operator’s safety as well as the performance of the abrasive product.



Application

Rasta brand

Product line

Dimensions

Maximum operating speed

Safety symbols

Complies with safety and quality standards

Ordering code

Grit

Rasta flap discs are available in a variety of specifications to cover the different needs and applications of the market. The range offers zirconia alumina and ceramic products, with a fibreglass backing plate. The discs are available in two designs, flat and conical (convex) shape. The flat form is mainly used for face and plane surface grinding. The conical shape is used for applications on curved and more difficult to access areas as well as for face and surface grinding.

The wide range of available grits and grain types mean Rasta offers a flap disc range suitable for a variety of applications. Coarser grits (sizes 40 to 60) are ideally suited for applications where fast and high rates of stock removal are needed. Finer grits (sizes 80 to 120) offer a good balance between effective stock removal and a good surface finish.

Low set-up times, reduced noise level, comfortable and cool grinding, anti-clogging technology and the fact that no backing-pad is required ensures excellent performance.





## ABRASIVE TYPES

### Ceramic Aluminium Oxide

is a long-lasting, tough, dense abrasive due to its micro structure. The extremely small micron size particles break off during grinding, producing multiple new cutting edges.

As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher rate than other abrasives.

Recommended for use on forged and carbon steels, high nickel and cobalt alloys.

### Zirconia Alumina

has a unique self-sharpening characteristic which gives it long life on rugged stock removal operations.

Zirconia alumina is well suited for heavy grinding of metals because the controlled fracturing of the grain continuously produces sharp, new abrading points.

## DISC TYPE



Flat

for grinding and finishing  
at a small angle (up to 15°)

**BEST CHOICE  
FOR BLENDING & FINISHING**



Conical

for grinding at an angle  
of 15-25°

**THE BEST CHOICE  
FOR FAST STOCK REMOVAL**





## FLAP DISCS - HEAVY DUTY CERAMIC ABRASIVE

- Excellent performance on forged and alloy steels
- Special flap configuration with premium ceramic aluminium oxide & Norzon zirconia alumina abrasive blend
- Aggressive stock removal with less pressure, reduces heat generation
- Long Life



DIMENSIONS				
TYPE	mm	GRIT	PK QTY	ARTICLE No.
 CONICAL	115 x 22,23	40	10	66261051767
		60	10	66261051768
	125 x 22,23	40	10	66261051769
		60	10	66261051770

## FLAP DISCS - HEAVY DUTY ZIRCONIA ALUMINA

- Versatile product for rough grinding and deburring on steel and stainless steel
- Self-sharpening zirconium abrasive grain
- High & regular cut rate at medium and low pressures
- Constant performance and long life
- Low noise and low vibration





DIMENSIONS				
TYPE	mm	GRIT	PK QTY	ARTICLE No.
 CONICAL	100 x 16,0	40	10	66261039326*
		60	10	66261039119*
		80	10	66261039120*
		120	10	66261039096*
	115 x 22,23	40	10	66261039310
		60	10	66261039289
		80	10	66261039290
		120	10	66261039288
	125 x 22,23	40	10	66261039291
		60	10	66261039292
		80	10	66261039293
		120	10	66261039325
	150 x 22,23	40	10	69957310535*
		60	10	69957310536*
		80	10	69957310539*
		120	10	69957310542*
180 x 22,23	40	10	66261039297	
	60	10	66261039324	
	80	10	66261039073	
	120	10	66261039650	
 FLAT	115 x 22,23	40	10	66261039322
		60	10	66261039286
		80	10	66261039287
		120	10	66261039294
	125 x 22,23	40	10	66261039295
		60	10	66261039295
		80	10	66261039296
		80	10	66261039296

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity

## FLAP DISCS - ZIRCONIA ALUMINA

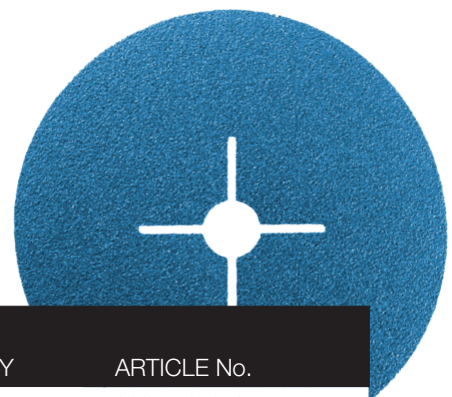
- Ideal for low and medium pressure applications on steel, non ferrous metals and wood
- Consistent performance for improved part quality
- Fast cutting and optimal material removal rate
- Value for money




DIMENSIONS				
TYPE	mm	GRIT	PK QTY	ARTICLE No.
 CONICAL	115 x 22,23	40	10	66261039302
		60	10	66261039319
		80	10	66261039298
		120	10	66261039092
	125 x 22,23	40	10	66261039299
		60	10	66261039300
		80	10	66261039320
		120	10	66261039309
	180 x 22,23	40	10	66261039110
		60	10	66261039112
		80	10	66261039099
		120	10	66261039099
 FLAT	115 x 22,23	40	10	66261021209
		60	10	66261021210
		80	10	66261021211
		120	10	66261021212
	125 x 22,23	40	10	66261021212
		60	10	66261021213
		80	10	66261021213
		120	10	66261021214

## NEW FIBRE DISCS - INOX

- High stock removal rate for rough grinding and deburring of steel and stainless steel
- Ideal for deburring and weld blending on metal surfaces
- Premium Zirconia abrasive grain with self-sharpening effect
- High & regular cut rate at medium pressures
- To be used with a backing pad (see page 29)




DIMENSIONS				
TYPE	mm	GRIT	PK QTY	ARTICLE No.
 SLOTTED	115 x 22,23	24	25	69957300386
		36	25	69957300334
		60	25	69957300388
		80	25	69957300387
	125 x 22,23	24	25	69957300390
		36	25	69957300389
		60	25	69957300391
		80	25	69957300391
		80	25	69957300392
		80	25	69957300392

## FIBRE DISCS - METAL / INOX

- Suitable for general finishing applications on metal
- Versatile abrasive fibre discs for processing steel and metal alloys
- Increased stock removal rate for rough grinding and deburring
- Tough & versatile aluminium oxide abrasive
- To be used with a backing pad (see page 29)



DIMENSIONS					
Type	mm	GRIT	PK QTY	ARTICLE No.	
 SLOTTED	115 x 22,23	16	25	66623393533*	
		24	25	66623393534	
		36	25	66623393536	
		40	25	66623393537*	
		50	25	66623393538*	
		60	25	66623393539	
		80	25	66623393540	
		100	25	66623393541*	
		120	25	66623393542	
		125 x 22,23	16	25	66623393543
			24	25	66623393544
			36	25	66623393545
	40		25	66623393546	
	50		25	66623393547	
	60		25	66623393548	
	80		25	66623393549	
	100		25	66623393550*	
	120		25	66623393551	
	180 x 22,23		16	25	66623393552
			24	25	66623393553
			36	25	66623393555
		40	25	66623393556*	
		50	25	66623393559*	
		60	25	66623393561	
		80	25	66623393562	
		100	25	66623393564*	
		120	25	66623393565*	

\* Minimum Order Quantity  
Please consult your local Customer Service for the minimum order quantity



## SEMI-FLEXIBLE DISCS - STONE / MASONRY

- Semi flexible black silicon carbide discs for use on marble, granite, concrete, fibreglass & cast irons
- Ideal for use in construction markets for aggressive grinding, leveling and cleaning of surface perfections
- Long life and fast stock removal
- To be used with backing pad
- Curved shape



DIMENSIONS			
mm	GRIT	PK QTY	ARTICLE No.
115 x 22,23	16	5	66261056758
	24	5	66261056759
	36	5	66261056760
127 x 22,23	16	5	66261056761
	24	5	66261056762
	36	5	66261056763
178 x 22,23	16	5	66261056764
	24	5	66261056765
	36	5	66261056766

## BACK-UP PADS - NYLON

- For fibre and semi-flexible discs
- 80m/s maximum operating speed



DIMENSIONS				
HARDNESS / TYPE	mm	THREAD	PK QTY	ARTICLE No.
MEDIUM / NYLON	115	M14	1	66261056755
	125	M14	1	66261056756
	180	M14	1	66261056757

**NEW SURFACE CONDITIONING DISCS**

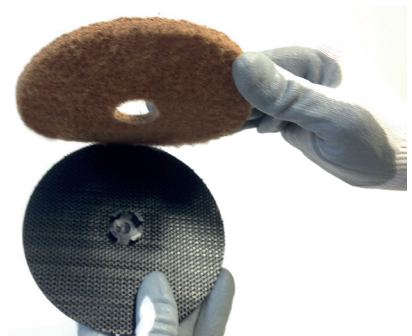
- Achieve a burr-free, ready to paint finish in fewer steps without damaging the base material
- Use with self grip back up pad with locating centre pin
- General purpose blending, finishing, cleaning and light deburring



DIAMETER					
TYPE	mm	GRADE	COLOUR	PK QTY	ARTICLE No.
S2108	115	Extra Coarse	Black	25	63642554636
S2208	115	Coarse	Tan	25	63642554639
S2308	115	Medium	Red	25	63642554642
S2408	115	Fine	Green	25	63642554644
S2508	115	Very Fine	Blue	25	63642554646
S2108	125	Extra Coarse	Black	25	69957314848
S2208	125	Coarse	Tan	25	69957314851
S2308	125	Medium	Red	25	69957314852
S2408	125	Fine	Green	25	69957314853
S2508	125	Very Fine	Blue	25	69957314854

**NEW SELF GRIP BACK UP PAD WITH LOCATING CENTRE PIN**

- Centre pin allows easy locating of disc onto back up pad
- Helps to reduce vibration



DIAMETER					
DENSITY	mm	ATTACHMENT	GRIT	PK QTY	ARTICLE No.
MEDIUM	115	M14	16	1	77696076935
	125	M14	24	1	77696076941

## NEW BLENDING DISC

- High performance engineered grain for fast stock removal
- Reduces production time
- Improves part quality
- Reduced shredding for long product life
- Use in sequence with a fibre or flap disc for a great finish



DIMENSIONS		
mm	PK QTY	ARTICLE No.
115 x 13 x 22,23	10	63642536419
125 x 13 x 22,23	10	63642554629

## NEW FINISHING DISC

- Fine silicon carbide and flexible density unitised construction for smooth blending and finishing
- Cuts freely and reduces heat build up
- Fast finish on a variety of surfaces



DIMENSIONS		
mm	PK QTY	ARTICLE No.
115 x 13 x 22,23	10	63642554631
125 x 13 x 22,23	10	63642554632



## NEW RED STRIPPING DISC

- Strips rust, residue, weld splatter, scale and surface contaminants fast
- Lasts longer than any other stripping disc
- Cleans the surface ready for the next stage of coating, painting or soldering
- Very versatile; aggressive when used with high pressure, finishes finer when used with less pressure



DIMENSIONS		
mm	PK QTY	ARTICLE No.
115 x 13 x 22,23	10	63642537180
125 x 13 x 22,23	10	63642554619

## BLACK STRIPPING DISC

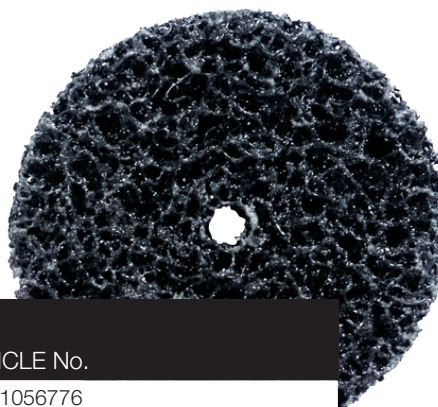
- Suitable for use on most materials
- Ideal for cleaning weld seams and removing paint and lacquer
- Fibreglass backing
- 80m/s maximum operating speed
- High density for longer life



DIMENSIONS		
mm	PK QTY	ARTICLE No.
115 x 13 x 22,23	10	77696005111
125 x 13 x 22,23	10	77696021309

## STRIPPING WHEELS

- Suitable for use on most materials
- Ideal for cleaning weld seams and removing rust
- Heavy duty nylon fibre coated with silicon carbide / no clogging
- To be used with the fixing shaft F100/150RA on a straight grinder
- Possibility to fix 2 cleaning wheels on 1 shaft
- 40m/s maximum operating speed



DIMENSIONS		
mm	PK QTY	ARTICLE No.
100 x 13 x 10	10	66261056776
150 x 13 x 10	10	66261056777
Shaft 8mm x M12	5	66261056767



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# DIAMOND PRODUCTS

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# UNDERSTANDING THE PRODUCT

Understanding the right product to be used for an application is essential for both the operator's safety as well as the performance of the diamond blade.

**Rasta brand**

**Application**

**Complies with safety and quality standards**

**Ordering code**

**Permanent traceability with laser engraving around the bore**

**Product line**

**Dimensions**

**Maximum operating speed**

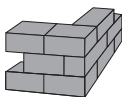
**Machine type to use**

**Safety symbols and disc rotation arrow**

**Wet or dry use**

# PICTOGRAMS

## APPLICATION PICTOGRAMS



Building materials



Concrete / Reinforced concrete



Ceramic / Tiles



Asphalt / Abrasive materials



Natural stone



Rooftiles

## MACHINE PICTOGRAMS



Angle Grinder



Masonry Saw



Petrol Saw



Tile Saw



Floor Saw



## RECOMMENDATION FOR USE

- **Check that the diamond blade is suitable for the material to be cut**
- **Fit the blade so it rotates in the direction indicated**
- **Do not exert too much pressure - let the blade do the work**
- **Check that the diamond blade does not vibrate during operation**
- **The following machine faults could affect the lifespan and performance of the diamond blade:**
  - Worn or damaged bearings
  - Worn or damaged spindle
  - Loose or damaged drive belts
  - Clogged filters
  - Damaged or incorrectly sized flanges
  - Blocked water jets
  - Damaged water pump
  - Insufficient or irregular water supply



# TROUBLESHOOTING

## BLADE DOES NOT CUT

### Cause

The segments are too hard for the material  
The segments have become blunt  
Insufficient machine power

### Solution

Check if the blade is suitable for the material  
Sharpen the segments by cutting an abrasive material (e.g. sandstone)  
Check the voltage, machine power and filters

## EXCESSIVE WEAR

### Cause

The segment is too soft for the material  
(e.g. if a blade for hard material is used to cut abrasive material)

### Solution

Check if the diamond blade is suitable for the material

## CRACKING OF STEEL CENTRE

### Cause

The segments are too hard for the material  
Excessive cutting pressure, overheating, material slippage, twisting or jamming in the cut

### Solution

Check if the blade is suitable for the material  
Leave the blade to do the work, do not exert too much pressure and allow the blade to cool regularly by leaving it to rotate away from the workpiece for a few seconds

## LOOSENING OR CRACKING OF SEGMENTS

### Cause

The segments are too hard for the material.  
This results in the diamond blade bouncing in the cut resulting in cracking segments

### Solution

Check if the diamond blade is suitable for the material

## SCORCHING OF SEGMENTS

### Cause

Excessive cutting pressure causing overheating.  
This is easily recognisable from the blue colouring where the segments and the steel core are welded together  
The segments are too hard for the material

### Solution

Allow the diamond blade to cool regularly by rotating the blade away from the workpiece for a few seconds  
Check if the diamond blade is suitable for the material. Alternatively use less cutting pressure and let the blade do the work

## UNDERCUTTING

### Cause

Undercutting occurs when the steel core wears faster than the segment, i.e. where the segment and steel core meet. The cutting debris is not removed sufficiently and the steel core is affected. Undercutting is certain to occur if a diamond blade for hard materials is used to cut abrasive materials

### Solution

Use a diamond blade suitable for the specific material

# SELECTION TABLE

Floor saws		●				
Tile saws					●	
Masonry saws		●				
Petrol saws		●				
Angle grinders	●	●	●	●	●	●
Clay pipes and tiles					●	
Ceramics					●	
Glazed tiles					●	
Wall and floor tiles					●	
Granite	●	●	●			●
Marble	●	●			●	●
Sandstone (medium-soft)	●	●	●	●		●
Sandstone (hard)	●	●	●			●
Soft bricks	●	●	●	●		●
Hard bricks	●	●	●			●
Roof tiles (clay)	●	●	●	●		●
Roof tiles (concrete)	●	●	●	●		●
Concrete paving blocks	●	●	●	●		●
Washed concrete blocks	●	●	●	●		●
Steel (max 5mm)	●	●				
Green concrete (<2d)		●				
Abrasive concrete	●	●	●			●
Concrete bricks (aerated)	●	●	●	●		●
Concrete (reinforced)	●	●				
Asphalt		●				
	Laser 900	Laser 900 Dual	Turbo 900	Universal 750	Ceramic	Segmented / Turbo Cups



### LASER 900



- Suitable for reinforced concrete, hardened concrete and building materials
- Laser welded, segmented blade
- High performance blade
- Fast cutting and long life
- Dry or wet cutting



DIMENSIONS			
mm	Segment (mm)	PK QTY	ARTICLE No.
105 x 22,23	10 x 2,2	1	70184602446 <b>NEW</b>
115 x 22,23	10 x 2,2	1	70184623738
125 x 22,23	10 x 2,2	1	70184623739
150 x 22,23	10 x 2,2	1	70184623740
180 x 22,23	10 x 2,5	1	70184623741 <b>NEW</b>
230 x 22,23	10 x 2,5	1	70184623742

### LASER 900 DUAL



- Suitable for concrete and reinforced concrete, abrasive materials and asphalt, granite, building materials and steel (max 5mm)
- Multi-material diamond blade
- Laser welded, segmented blade
- High performance and long life
- Dry or wet cutting



DIMENSIONS			
mm	Segment (mm)	PK QTY	ARTICLE No.
300 x 25,4/20,0	10 x 2,8	1	70184640024
350 x 25,4/20,0	10 x 3,0	1	70184640025

## TURBO 900



- Suitable for building materials, roof tiles, concrete bricks and stones
- Corrugated turbo rim
- Fast cutting and long life
- Dry or wet cutting



DIMENSIONS			
mm	Rim (mm)	PK QTY	ARTICLE No.
105 x 22,23	10 x 2,2	1	70184602445 <b>NEW</b>
115 x 22,23	10 x 2,2	1	70184623756
125 x 22,23	10 x 2,2	1	70184623757
180 x 22,23	10 x 2,5	1	70184623758
230 x 22,23	10 x 2,7	1	70184623760

## UNIVERSAL 750



- Suitable for building materials
- Recommended for soft to medium hard materials
- Long life
- Dry or wet cutting



DIMENSIONS			
mm	Segment (mm)	PK QTY	ARTICLE No.
105 x 22,23	8 x 2,0	1	70184623716
115 x 22,23	8 x 2,0	1	70184623717
125 x 22,23	8 x 2,1	1	70184623718
180 x 22,23	8 x 2,4	1	70184623719
230 x 22,23	8 x 2,5	1	70184623720

## CERAMIC



- Suitable for wall tiles and porcelain
- Continuous rim for precise cutting-off
- Long life
- Dry or wet cutting



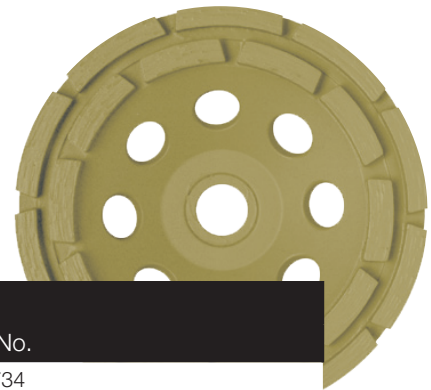
DIMENSIONS			
mm	Segment (mm)	PK QTY	ARTICLE No.
105 x 22,23/16	7 x 1,6	1	70184640784
115 x 22,23	7 x 1,6	1	70184623728
125 x 22,23	7 x 1,6	1	70184623731
180 x 25,4/22,23	7 x 1,7	1	70184623732
230 x 22,23	7 x 1,7	1	70184626146

## CUP GRINDERS

## DIAMOND CUPS - SEGMENTED



- Suitable for building materials and concrete
- Segmented rim cup grinder for aggressive and fast removal
- Recommended for accurate grinding of uneven surface
- Dry or wet grinding



DIMENSIONS		
D x H mm	PK QTY	ARTICLE No.
125 x 22,23	1	70184623734
180 x 22,23	1	70184640787

## DIAMOND CUPS - TURBO



- Suitable for building materials and concrete
- Turbo rim cup grinder for a long life
- Recommended for fast grinding of uneven surface
- Dry or wet grinding



DIMENSIONS		
D x H mm	PK QTY	ARTICLE No.
100 x 22,23	1	70184623737
125 x 22,23	1	70184640788
180 x 22,23	1	70184640789











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