



MABTOOLS®
ABRASIVES SINCE 1961



MABTOOLS QUALITY PRODUCTS

About Us

MABTOOLS designs, develops and manufactures a complete range of cutting, deburring and grinding solutions meant for industrial wholesalers.

MABTOOLS main objective is to innovate going beyond the limits set by its context: faster and longer lasting products consistent over time.

An international staff, working under the banner of its «Made in France» (French flag), is willing to listen and help its customers.

A last generation R&D facility, a training school and highly specialised metalworking technicians are available to its partners to find the best abrasive solution for the given specific application.

MABTOOLS has a long history, even if it's a new trademark: it was born as MABTOOLS France in 1992 and in 2013 it doubled its manufacturing capacity transferring to France all the industrial equipments moleMAB used to manufacture reinforced resinoid discs.

Created in 1961 by Gianfranco Maiolini, moleMAB is based in Italy and has quickly become an internationally known group specialised in abrasives.

With an experience of over 50 years, MABTOOLS manufactures in Europe the best abrasive products for grinding, cutting, deburring and finishing metals, alloys, wood and fibers, aimed at the most specialised industries and the most demanding users.

« MABTOOLS: innovation and listening at your disposal »

r.Evolution range

r.Evolution range is manufactured from excellent raw materials with the latest technology.

These discs are specifically designed for extreme uses. Innovation, research and tests were the key words that led our engineers to develop this exceptional disc for cutting steel and stainless steel.

Xforce range

Xforce range features high quality products developed in a continuous search for innovation.

These products are manufactured with the best technology solutions for a professional use on steel and stainless steel applications.

Superior quality resinoid discs and flap discs are manufactured using zirconium oxide for better aggressiveness.

Power range

MABTOOLS designed Power products through its experience and manufactures them with the best technology solutions for industrial applications on all types of materials.

With their excellent performance, Power products set a reference for the high quality abrasives market and an above of the average return.

Power range features a complete assortment of products, including resinoid discs, flap discs, flap wheels, fiber discs, coated abrasives, diamond blades, carbide burrs and spindle mounted wheels.

Energy range

General and economic, for all industries, Energy range advantages are its ease of use, its excellent durability and a great quality to price ratio.

The Energy range features resinoid discs and flap discs.

Quality, safe and norms

r.Evolution, Xforce, Power and Eenergy products are engineered with safety in mind and undergo to specific safety tests. MABTOOLS products offer a perfect balance between quality and life time, complying with the most recent norms.

Resinoid cutting and grinding discs are manufactured in France respecting the strictest European standards.

All MABTOOLS production sites are in Europe and ISO 9001 certified.



FOUNDRY



SHIPYARD



RAIL



PMUC

MABTOOLS offers high performance versatile quality products.

MABTOOLS sales force and technician staff support users in choosing the best tool for their specific need.

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r.Evolution 3.0 LONGLIFE[®]

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MABTOOLS Environnemental Policy

A policy allowing it to be a responsible company, MABTOOLS is committed to comply with local and international regulations regarding human rights, labor rights, health and safety, risk prevention and environmental respect.

MABTOOLS does not consider sustainability as a constraint but as a real growth driver to be leaned on and to engage all its employees.

Our company set up a system of strict and controlled guidelines in health and safety for limiting industrial diseases.

Our company focuses on the C.S.E (Corporate Social Responsibility) by favoring social dialogue to offer wellness and career motivation to all its employees.

MABTOOLS will open in January 2014 a Safety Abrasives School to implement, with an educational approach, Raf-farin Decree instructions about Safety of abrasives.

MABTOOLS enforces a diversity policy and fights against all forms of discrimination.

MABTOOLS has an external audit system to control its internal health and safety, risk prevention joint committee.

100% French MABTOOLS production site reflects its credibility on the national and international market.

MABTOOLS consistently offers its customers a return service for worn discs for a controlled and environmentally friendly waste disposal.

MABTOOLS systematically limits power consumption in its sites and set up a project to use renewable energy for 2014-2015 .

MABTOOLS created ECO- INNOVATIVE abrasive discs: MORE LIFE TIME coupled with a FASTER CUT to reduce drudgery.

MABTOOLS continuously works on limiting emissions in its sites, with periodic external audits of its air filtering system.

MABTOOLS does not use non-certified raw materials: its suppliers must clearly and openly be committed to their employees and to environmental laws.



MABTOOLS Company

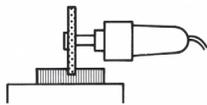
For more than 50 years, Mabtools has been specializing in designing, developing and manufacturing abrasive products. Mabtools is always meeting its customers' demands and its products are created near Geoffroy Guichard stadium, the "Home of French football". In this competitive world, the company's tagline

is "innovation and customer care". Mabtools has been true to its tagline since 1961 thanks to its constant evolution on the abrasive market.

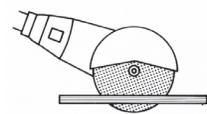
Mabtools has recently launched a website www.mabtools.fr to give you an overview of the company and its products.



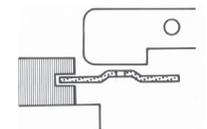
MACHINES FOR DISCS



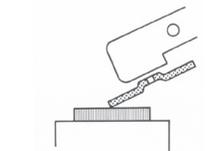
ELECTRICAL AND PNEUMATIC
HAND-HELD MACHINES



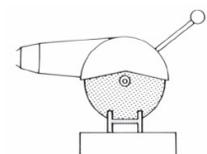
PORTABLE CUT-OFF
MACHINES



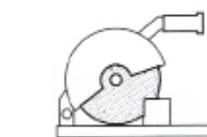
CUTTING WITH ANGLE
GRINDERS



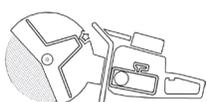
SNAGGING WITH ANGLE
GRINDERS



STATIONARY MACHINES



CHOP SAWS



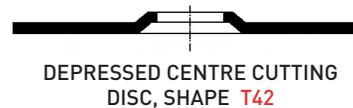
POWER SAWS

SHAPES OF DISCS

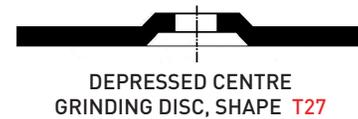
REINFORCED ABRASIVE DISCS



DEPRESSED CENTRE
GRINDING DISC, SHAPE **T27**

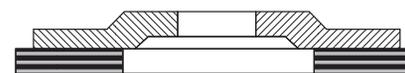


DEPRESSED CENTRE CUTTING
DISC, SHAPE **T42**

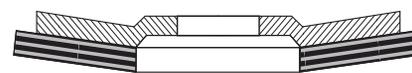


DEPRESSED CENTRE
GRINDING DISC, SHAPE **T27**

FLAP DISCS



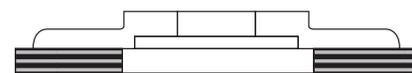
FLAT DISC WITH FIBRE BACKING



TAPERED DISC WITH FIBRE BACKING



FLAT DISC WITH REINFORCED NYLON BACKING



FLAT DISCS WITH PLASTIC BACKING



VENTILATED DISC WITH M14 BORE
AND NYLON BACKING

DR-DL

PRODUCT SELECTION AND SAFETY

MABTOOLS has always been making high quality products and tools, following the highest safety standards.

Together with other manufacturers MABTOOLS follows the strictest safety regulations, testing quality and safety of its products.

MABTOOLS discs feature the 'oSa' mark (Organisation for the Safety of Abrasives). This independent corporation controls and certifies only the products manufactured following the EEC laws and quality standards.

MABTOOLS abrasive discs are manufactured according to the EN 12413 regulation, using the best European raw materials.

Flap discs respect the EN 13743 regulation.

Selecting the right disc depends on various factors. In order to get the best results please consider these points:

Material - Working material has to be considered carefully.

Machine - Please check machine power, weight and conditions before starting working.

Application - Define what kind of operation you are going to carry out, and what results you expect.

Once this data is clear it is then possible to choose the most suitable product.

Abrasive discs work at high speeds, in extreme conditions and unstable pressures and angles. Workers must follow the safety rules. All the MABTOOLS products include instructions which are shown also on the labels, through oSa approved pictograms.

IMPORTANT

Please follow all the instructions, choose the best product and check the machine conditions carefully. Work in a safe place and use all the accident prevention accessories prescribed by the current regulations.

PRACTICAL SUGGESTIONS

Before use

Please be sure that the abrasive disc is not damaged. Check the label to ensure disc is suitable for the required application.

Check product expiry date: reinforced abrasive discs can be used for three years from the manufacturing date.

Check power, speed and conditions of the machine.

Read the instructions which come with the product carefully. Wear all the safety accessories.

Check the conditions of the working materials, and ensure that the workpiece is well fixed.

Mount the disc following the instructions.

During use

NEVER use cutting discs for grinding operations.

NEVER use the flat part of the disc, use only the outside edge.

Respect the correct angles when grinding



After use

Before removing the disc wait until the machine has completely stopped.

Store discs with care, do not apply excessive pressure or mechanical stress.

Destroy expired or damaged products.

Make machine check-up periodically.

Keep abrasives in a dry place, avoiding variations of temperature.

Rules for safe work:

-  Read the instructions
-  Protect hands
-  Protect lungs
-  Protect ears
-  Do not use with hand-held machines
-  Protect eyes
-  Not approved for grinding
-  Do not use if damaged
-  Iron, sulphur and chloride free
-  Not suitable for wet use
-  wear an apron

THE SPEED

All the abrasive discs are supposed to be used at the maximum speed shown on the labels and packaging.

The colour of the central stripe changes according to the maximum peripheral speed allowed.

Blue (50 m/s), Yellow (63 m/s), Red (80 m/s), Green (100 m/s).

The maximum speed is shown both in rpm and m/s. **Never exceed the speed shown on the label.**

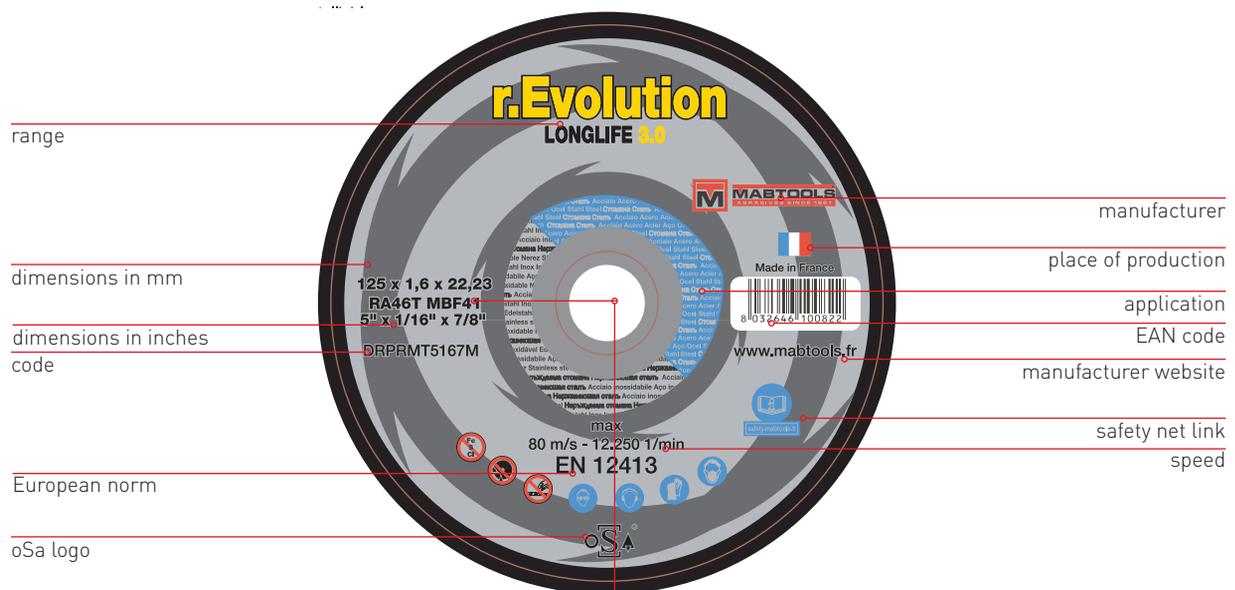
DIAMETER [inches]	MAX SPEED OPERATION [m/s]				DIAMETER [inches]	MAX SPEED OPERATION [m/s]			
	50	63	80	100		50	63	80	100
3"	12000	15100	19100	23900	9"	4200	5250	6650	8350
4 1/2"	8350	10500	13300	16650	12"	3200	4050	5100	6400
5"	7650	9650	12250	15300	14"	2750	3450	4400	5500
6"	6400	8050	10200	12700	16"	2400	3050	3850	4800
7"	5350	6700	8500	10650	20"	1950	2450	3100	3850



CUTTING DISCS

HOW TO READ LABELS

MABTOOLS discs labels are designed according to regulation EN 12413 and oSa recommendations.



SPECIFICATION

R A 46 T M B F 41							
RANGE	ABRASIVE	GRAIN	HARDNESS	APPLICATION	BOND	REINFORCEMENT	SHAPE
E Energy P Power R r.Evolution X Xforce Z Zforce	A Aluminum Oxide C Silicon Carbide Z Zirconium	Coarse 24 30 36 46 60 Fine	Soft N P Q R S T Hard	I Stainless Steel K Steel M Steel and Stainless Steel	B Resinoid	F Fibreglass	27 Depressed Centre Grinding 41 Flat Cutting 42 Depressed Centre Cutting



r.Evolution CUTTING DISCS for hand-held machines

Created by MABTOOLS R&D department, r.Evolution discs use an exclusive new abrasive. Its spherical shape and its multiple hyper sharp and hyper brittle facets give r.Evolution discs an extraordinary regenerating ability. They are bonded with high technology binders and ceramics.

Moreover, these discs feature an optimized internal cooling system with a new and specific additive structure previously unseen. These additives allow the discs to have a controlled temperature throughout the cut, resulting in constant working conditions, thus improving cutting time and life time as well as the comfort. The user is released from the burden to adapt its cutting to wear of the disc. He can thus focus on the accuracy of its work, the intelligent cooling system taking care of maintaining stable the disc performance for a long time. The cold cut preserves the mechanical properties of the metal piece worked. When the disc is worn out, the user can take off the disc with his bare hands, with no risk of getting burned.

Being comfort an important aspect, the new automated machines press discs by the unit and allow MABTOOLS to obtain balancing ranges well below the Fepa standards Fepa (2 g maximum). With a balancing range between 0 and 0.5 g, these discs ensure a rotation with the maximum comfort and a minimum vibration.

Speaking about lifetime, MABTOOLS is proud to announce peak ratios of less than 1 g per disc lost for more than 18 g of material removed during cutting (1 g lost for 3 g of material removed in toughest conditions). Less than 3 g of r.Evolution abrasive are thus sufficient to cut a 1 m wide and 3 mm thick 304L stainless steel sheet.



CUTTING DISCS

REINFORCED CUTTING AND GRINDING DISCS		
PRODUCT	APPLICATION	MACHINES
CUTTING DISCS FOR PORTABLE MACHINES		
FLAT CUTTING DISCS	STEEL AND STAINLESS STEEL	PORTABLE MACHINES

CODE	USE	SPEC.	SHAPE	DIMENSIONS (D x T x b)				MACHINE
				(mm)	(inch)			
CUTTING DISCS FOR PORTABLE MACHINES AND ANGLE GRINDERS								
FLAT DISCS - SPEED 80 m/s								
DRPRMT2107M	M	RA60T	BF41	115 x 1,0 x 22,23	4 1/4 x .040 x 7/8	10	0,30	
DRPRMT2167M	M	RA46T	BF41	115 x 1,6 x 22,23	4 1/4 x 1/16 x 7/8	10	0,47	
DRPRMT5107M	M	RA60T	BF41	125 x 1,0 x 22,23	5 x .040 x 7/8	10	0,37	
DRPRMT5167M	M	RA46T	BF41	125 x 1,6 x 22,23	5 x 1/16 x 7/8	10	0,65	
DRPRMT9197M	M	RA36T	BF41	230 x 1,9 x 22,23	9 x 5/64 x 7/8	25	5,50	

Weights are approximate (D x T x b = Diameter x Thickness x bore)



XFORCE DISCS

MABTOOLS XFORCE range includes cutting, grinding and flap discs designed for the operator who works on steel and stainless steel.

The XFORCE range, manufactured with high quality zirconium, has been developed for metal constructions, carpentry, auto bodies, tanks and pipelines, shipyards, energy and food industry.

XFORCE discs are designed for cutting and grinding operations on portable machines and angle grinders.

XFORCE flap discs are manufactured with nylon and fibreglass backings with zirconium and ceramic abrasive cloth.



CUTTING DISCS



CUTTING/GRINDING DISCS



GRINDING DISCS



GRINDING DISCS

REINFORCED CUTTING AND GRINDING DISCS		
PRODUCT	APPLICATION	MACHINES

CUTTING DISCS FOR PORTABLE MACHINES		
CUTTING DISCS	STEEL AND STAINLESS STEEL	PORTABLE MACHINES
DEPRESSED CENTRE CUTTING DISCS	STEEL AND STAINLESS STEEL	ANGLE GRINDERS

GRINDING DISCS		
GRINDING DISCS	STEEL AND STAINLESS STEEL	ANGLE GRINDERS

FLAP DISCS		
PRODUCT	APPLICATION	MACHINES

ZIRCONIUM, CERAMIC AND MIXED ZIRCONIUM-CERAMIC CLOTH		
FLAT DISCS WITH NYLON BACKING VENTILATED FLAT DISCS WITH M14 BORE AND NYLON BACKING FLAT DISCS WITH FIBRE BACKING	GENERAL PURPOSE	ANGLE GRINDERS

(Table speed guide P.7)

XFORCE CUTTING AND GRINDING DISCS

HOW TO READ LABELS

MABTOOLS discs labels are designed according to regulation EN 12413 and oSa recommendations.



SPECIFICATION

X Z 46 T M B F 41							
RANGE	ABRASIVE	GRIT	HARDNESS	APPLICATION	BOND	REINFORCEMENT	SHAPE
E Energy P Power R Evolution X Xforce Z Zforce	A aluminium oxide C silicon carbide Z zirconium	Coarse 24 30 36 46 60 fins	soft N P Q R S T hard	H aluminium I stainless K steel M steel and stainless steel R rails Y cast iron	B resinoïde	F fibreglass	27 Depressed Centre Grinding 41 Flat Cutting 42 Depressed Centre Cutting

XForce Cut identifies a range of professional cutting discs, designed and manufactured to reach the best performances.

The main features of the XForce Cut range are long life, high balance, great cutting efficiency and absolute safety.

The XForce range has been designed for professional applications in the industrial fields as metal carpentry, auto bodies, tanks and pipelines, shipyards, energy and food industry.

The high performances, the perfect balance, the clean and burrless cut are the main advantages of the XForce cutting discs, making them the perfect choice for a fast and productive job.

The special XForce blend is sulphur, iron and chlorine free, and it's manufactured using top quality European raw materials, corundum and zirconium, mixed with resin bonds and special fillers.

Blend, structure and grain of these discs have been designed

to grant the best results in the most demanding and professional application, when the best efficiency is required.

The fibreglass reinforce nets are selected for their quality and strength, resulting in maximum safety even during the toughest operations.

The high quality of XForce discs grant the best performances with the same product both on steel and stainless steel. XForce discs can be used also on cast iron.

Main Features

Fast and clean cut, Long life, Perfect balance and stability, Absence of vibrations, High G factor, oSa certified, Sulphur iron and chlorine free, Made in Italy and France.

Main applications

Professional applications, Maintenance, Metal carpentry, Metal construction, Auto bodies industry, Shipyards, Tanks, Pipelines for gas and oil.

XFORCE CUT CUTTING DISCS for hand-held machines

CODE	APPLICATION	DIMENSIONS (D x T x b)		SPECIFICATION	SHAPE			MACHINE
		(mm)	(inch)					

CUTTING DISCS FOR PORTABLE MACHINES AND ANGLE GRINDERS

FLAT DISC - SPEED 80 M/S

DRPXMT2107M	M	115 x 1,0 x 22,23	4 1/2" x 0,0600" x 7/8"	XZ60T M	BF41	10	0,29	
DRPXMT2167M	M	115 x 1,6 x 22,23	4 1/2" x 1/16" x 7/8"	XZ46T M	BF41	10	0,46	
DRPXMT5107M	M	125 x 1,0 x 22,23	5" x 0,040" x 7/8"	XZ60T M	BF41	10	0,37	
DRPXMT5167M	M	125 x 1,6 x 22,23	5" x 1/16" x 7/8"	XZ46T M	BF41	10	0,69	
DRPXMT7197M	M	180 x 1,9 x 22,23	7" x 5/64" x 7/8"	XZ36S M	BF41	25	2,77	
DRPXMT9197M	M	230 x 1,9 x 22,23	9" x 5/64" x 7/8"	XZ36S M	BF41	25	5,50	

DEPRESSED CENTRE DISC - SPEED 80 M/S

DRDXMT2107M	M	115 x 1,0 x 22,23	4 1/2" x 0,040" x 7/8"	XZ60T M	BF42	10	0,59	
DRDXMT2167M	M	115 x 1,6 x 22,23	4 1/2" x 1/16" x 7/8"	XZ46T M	BF42	10	0,46	
DRDXMT2327M	M	115 x 3,2 x 22,23	4 1/2" x 1/16" x 7/8"	XZ30S M	BF42	25	1,88	
DRDXMT5107M	M	125 x 1,0 x 22,23	5" x 0,040" x 7/8"	XZ60T M	BF42	10	0,37	
DRDXMT5167M	M	125 x 1,6 x 22,23	5" x 1/16" x 7/8"	XZ46T M	BF42	10	0,69	
DRDXMT5327M	M	125 x 3,2 x 22,23	5" x 1/8" x 7/8"	XZ30S M	BF42	25	2,38	
DRDXMT7327M	M	180 x 3,2 x 22,23	7" x 1/8" x 7/8"	XZ30S M	BF42	25	4,75	
DRDXMT9257M	M	230 x 2,5 x 22,23	9" x 3/32" x 7/8"	XZ36S M	BF42	25	7,50	
DRDXMT9327M	M	230 x 3,2 x 22,23	9" x 1/8" x 7/8"	XZ30S M	BF42	25	9,00	

FUSION

COMBI DISCS "Cutting and grinding" for hand - held machines

CODE	APPLICATION	DIMENSIONS (D x T x b)		SPECIFICATION	SHAPE			MACHINE
		(mm)	(inch)					

DRDXMT2207I	I	115 x 2,0 x 22,23	4 1/2" x 5/64" x 7/8"	XZ46Q I	BF27	50	3,5	
DRDXMT2207K	K	115 x 2,0 x 22,23	4 1/2" x 5/64" x 7/8"	XZ46T K	BF27	50	3,5	
DRDXMT5207I	I	125 x 2,0 x 22,23	5" x 5/64" x 7/8"	XZ46Q I	BF27	50	3,5	
DRDXMT5207K	K	125 x 2,0 x 22,23	5" x 5/64" x 7/8"	XZ46T K	BF27	50	3,5	

Weights are approximate

(D x T x b = Diameter x Thickness x bore)

Table speed guide (see p.7)

“GRIND” GRINDING DISCS for hand-held machines

XForce Grind identifies a range of high performances grinding discs which have been designed and manufactured according to the newest technological solutions, to provide the best snagging performances.

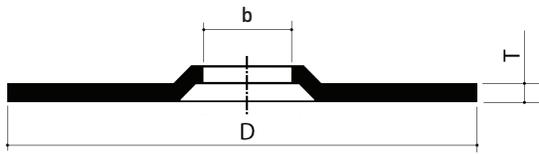
XForce range has been developed for heavy applications and professional operators looking for high stock removal, long life and comfort of use.

Main sectors are: metal constructions, carpentry, auto bodies, building of pipelines and tanks, shipyards, food indu-

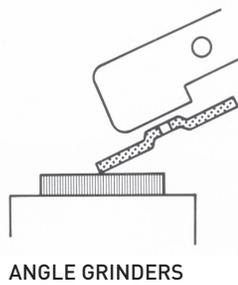
stry, energy and oil industry.

The high quality of XForce discs makes it possible to reach the best performances both on steel and stainless steel with the same product. XForce discs can be used also on cast iron.

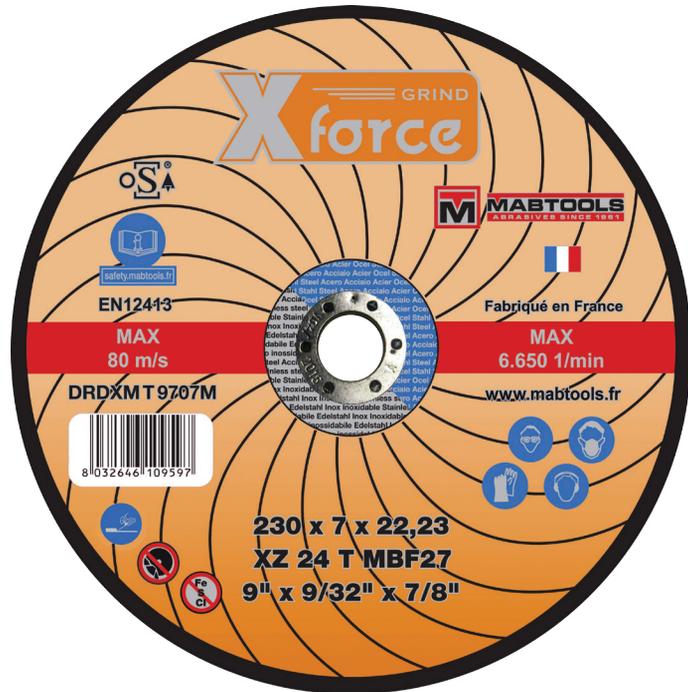
The XForce blend is made with the best raw materials: a mix of corundum and zirconium which is sulphur, iron and chlorine free.



DEPRESSED CENTRE GRINDING DISC SHAPE T27



ANGLE GRINDERS



Main applications

- Professional applications
- Metal carpentry
- Metal constructions
- Auto bodies industry
- Shipyards
- Tanks
- Pipelines for gas and oil
- Foundries (steel – cast iron)

Main features

- High stock removal
- Long life
- Perfect balance and stability
- Absence of vibrations
- High G factor
- oSa certified
- Sulphur, iron and chlorine free
- Made in France

CODE	APPLICATION	DIMENSIONS (D x T x b)		SPECIFICATION	SHAPE			MACHINE
		[mm]	[inch]					
GRINDING DISCS FOR HAND - HELD MACHINES								
GRINDING DEPRESSED CENTER DISCS - 80 m/s								
DRDXMT2707M	M	115 x 7 x 22,23	4 1/2" x 9/32" x 7/8"	XZ24T	MBF27	10	1,70	
DRDXMT2707I	I	115 x 7 x 22,23	4 1/2" x 9/32" x 7/8"	XZ24Q	IBF27	10	1,70	
DRDXMT5707M	M	125 x 7 x 22,23	5" x 9/32" x 7/8"	XZ24T	MBF27	10	2,00	
DRDXMT5707I	I	125 x 7 x 22,23	5" x 9/32" x 7/8"	XZ24Q	IBF27	10	2,00	
DRDXMT9707M	M	230 x 7 x 22,23	9" x 9/32" x 7/8"	XZ24T	MBF27	10	8,00	
DRDXMT9707I	I	230 x 7 x 22,23	9" x 9/32" x 7/8"	XZ24Q	IBF27	10	8,00	

Weights are approximate

(D x T x b = Diameter x Thickness x bore)

Table speed guide (see p.7)



XFORCE FLAP DISCS

XForce range includes flap discs suitable for every snagging, polishing and finishing application.

XForce flap discs are recognizable by their double flaps, technical backings and high quality abrasives. They are designed and made in Italy, according to the strictest productive standards, in order to guarantee maximum safety.

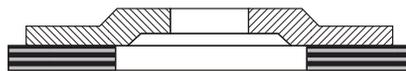
During manufacture only the best raw materials are used, with modern and hi-tech processes.

Available for angle grinders, XForce discs are made with

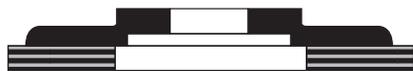
ceramic, mixed ceramic-zirconium and zirconium flaps, with grain from 40 to 80, for operations on carbon steel, stainless steel, cast iron and aluminium.

Discs backings are available in reinforced nylon and fibre-glass.

Dimensions and quantity of flaps mounted on XForce discs guarantee top performance, comfort of use and reduced noise.



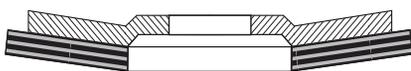
FLAT DISC WITH FIBRE BACKING



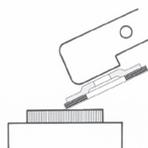
FLAT DISC WITH REINFORCED NYLON BACKING



VENTILATED DISC WITH M14 BORE AND NYLON BACKING



TAPERED DISC WITH FIBREGLASS BACKING



ANGLE GRINDERS



Main Applications

- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- A/C systems
- Hydraulic
- Shipyards
- Pipelines for gas and oil
- Surface finishing
- General use on metals

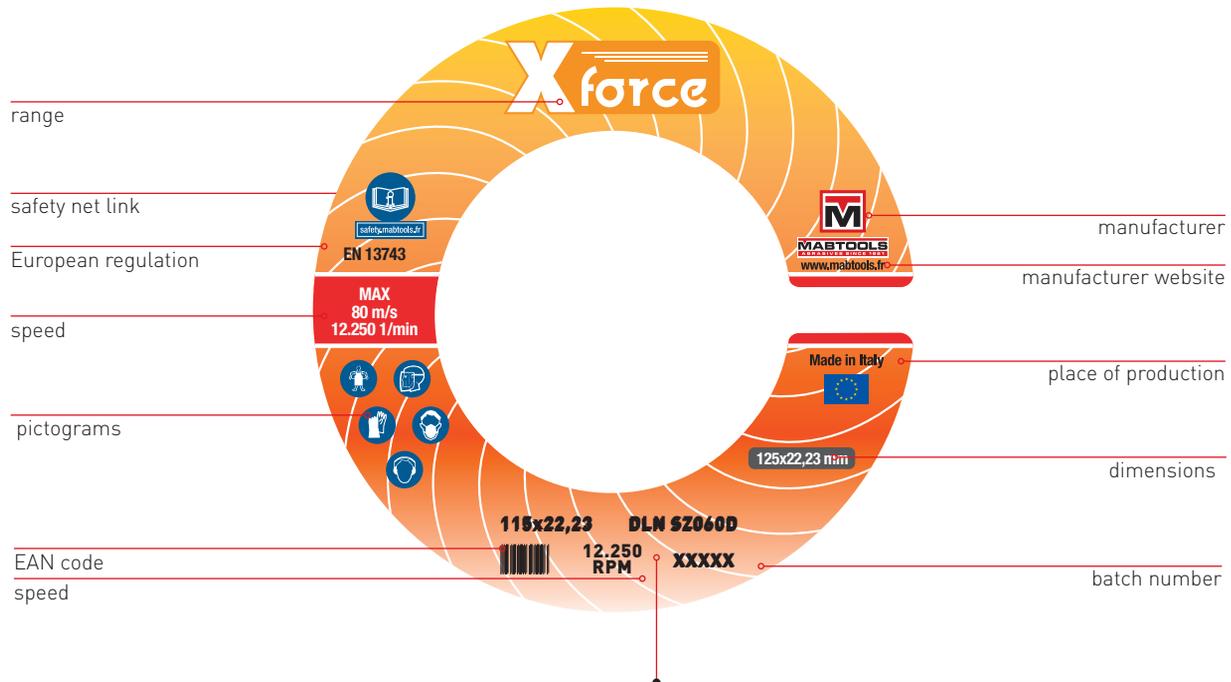
Main Features

- Reinforced nylon and fibreglass backing
- Ceramic, mixed ceramic-zirconium and zirconium cloth
- Double and zagnum flaps
- Sulphur, iron and chlorine free

XFORCE FLAP DISCS

HOW TO READ THE LABEL

MABTOOLS flap discs labels are designed according to regulation EN 13743



THE SPECIFICATION

PRODUCT	BACKING	ABRASIVE	GRIT	FLAPS
DL Flap Disc	F Fibre flat P Plastic N Reinforced Nylon T Fibre tapered A Ventilated with M14	ZZ Zirconium SZ Ceramic Zirconium SS Ceramic	Coarse 40 60 80 120 Fine	S Single D Double M Magnum

Safety regulations

Flap discs should be used at the maximum speed shown in RPM and m/s on the labels and packaging. The red colour of the central stripe indicates the maximum peripheral speed of 80 m/s.

Never exceed this speed.

Practical suggestions

MABTOOLS design and manufactures flap discs in accordance to European regulation EN 13743.

Before use

Please be sure that the abrasive disc is not damaged. Check the label to ensure disc is suitable for the required application. Check power, speed and conditions of the machine. Read the instructions which come with the product carefully. Wear all the safety accessories. Check the conditions of the working materials, and ensure that the workpiece is fixed well.

Mount the disc following the instructions.

During use

When working it is recommended to apply wavy movements to the disc and change the angle to use all the surface of the disc.

During the operation it is also recommended to take some breaks to avoid dust and surface heating.

Always wear gloves, helmet and glasses as some disc fragments may come off.

After use

Before disc removal wait until the machine has completely stopped.

Handle discs with care, please do not apply too much pressure or mechanical stress on them.

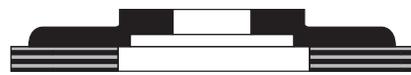
Destroy expired or damaged products.

Make machine check-up periodically.

Keep the abrasives in a dry place, avoiding variations of temperature.

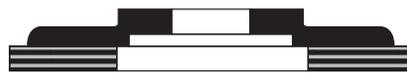
XFORCE FLAP DISCS

DIAMETER (D x b)		BACKING	GRIT				
(mm)	(inch)		40	60	80		



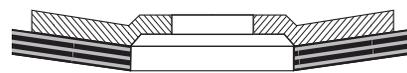
FLAT DISC WITH REINFORCED NYLON BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
FLAP DISCS WITH CERAMIC ABRASIVE CLOTH AND REINFORCED NYLON BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat reinforced Nylon	DLNXMT2SS040D	DLNXMT2SS060D	DLNXMT2SS080D	10	0,95
125 x 22,23	5" x 7/8"	Flat reinforced Nylon	DLNXMT5SS040D	DLNXMT5SS060D	DLNXMT5SS080D	10	1,05
180 x 22,23	7" x 7/8"	Flat reinforced Nylon	DLNXMT7SS040D	DLNXMT7SS060D	DLNXMT7SS080D	10	2,50



FLAT DISC WITH REINFORCED NYLON BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
FLAP DISCS WITH MIXED CERAMIC-ZIRCONIUM ABRASIVE CLOTH AND REINFORCED NYLON BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat reinforced Nylon	DLNXMT2SZ040D	DLNXMT2SZ060D	DLNXMT2SZ080D	10	0,95
125 x 22,23	5" x 7/8"	Flat reinforced Nylon	DLNXMT5SZ040D	DLNXMT5SZ060D	DLNXMT5SZ080D	10	1,05
180 x 22,23	7" x 7/8"	Flat reinforced Nylon	DLNXMT7SZ040D	DLNXMT7SZ060D	DLNXMT7SZ080D	10	2,50



TAPERED DISC WITH FIBREGLASS BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
FLAP DISCS WITH ZIRCONIUM ABRASIVE CLOTH AND FIBREGLASS BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat reinforced Nylon	DLTXMT2ZZ040D	DLTXMT2ZZ060D	DLTXMT2ZZ080D	10	1,0
125 x 22,23	5" x 7/8"	Flat reinforced Nylon	DLTXMT5ZZ040D	DLTXMT5ZZ060D	DLTXMT5ZZ080D	10	1,1
180 x 22,23	7" x 7/8"	Flat reinforced Nylon	DLTXMT7ZZ040D	DLTXMT7ZZ060D	DLTXMT7ZZ080D	10	2,55

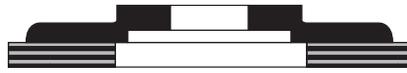
Weights are approximate

{ D x b = Diameter x bore }

Table speed guide { see p.7 }

XFORCE FLAP DISCS

DIAMETER (D x b)		BACKING	GRIT				
(mm)	(inch)		40	60	80		



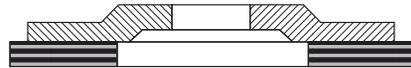
FLAT DISC WITH REINFORCED NYLON BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
FLAP DISCS WITH ZIRCONIUM ABRASIVE CLOTH AND REINFORCED NYLON BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat reinforced Nylon	DLNXMT2ZZ040D	DLNXMT2ZZ060D	DLNXMT2ZZ080D	10	0,95
125 x 22,23	5" x 7/8"	Flat reinforced Nylon	DLNXMT5ZZ040D	DLNXMT5ZZ060D	DLNXMT5ZZ080D	10	1,05
180 x 22,23	7" x 7/8"	Flat reinforced Nylon	DLNXMT7ZZ040D	DLNXMT7ZZ060D	DLNXMT7ZZ080D	10	2,50



FLAT DISC WITH M14 BORE AND NYLON BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
FLAP DISCS WITH MIXED CERAMIC-ZIRCONIUM ABRASIVE CLOTH AND REINFORCED NYLON BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat reinforced Nylon	DLAXMT2ZZ040D	DLAXMT2ZZ060D	-	10	0,95



FLAT DISC WITH FIBREGLASS BACKING

FLAP DISCS FOR ANGLE GRINDING MACHINES							
MAGNUM FLAP DISCS WITH ZIRCONIUM ABRASIVE CLOTH AND FIBREGLASS BACKING - SPEED 80 m/s							
115 x 22,23	4 1/2" x 7/8"	Flat fibre	DLFXMT2ZZ040M	DLFXMT2ZZ060M	DLFXMT2ZZ080M	10	1,0
125 x 22,23	5" x 7/8"	Flat fibre	DLFXMT5ZZ040M	DLFXMT5ZZ060M	DLFXMT5ZZ080M	10	1,1
180 x 22,23	7" x 7/8"	Flat fibre	DLFXMT7ZZ040M	DLFXMT7ZZ060M	DLFXMT7ZZ080M	10	2,55

Weights are approximate

(D x b = Diameter x bore)

Table speed guide (see p.7)



POWER DISCS

MABTOOLS Power range includes cutting, grinding and flap discs designed for the operator who works on steel, stainless steel, aluminium, titanium, cast iron, stone and concrete.

The Power Line is designed for professional use with portable and stationary machines on several materials.

Power flap discs are manufactured with plastic and fibreglass backings with zirconium abrasive cloth.



THIN CUTTING DISCS



CUTTING AND GRINDING DISCS



GRINDING DISCS

REINFORCED CUTTING AND GRINDING DISCS		
PRODUCT	APPLICATION	MACHINES

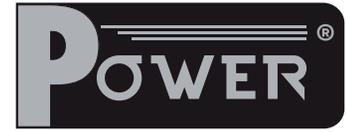
CUTTING DISCS FOR PORTABLE MACHINES		
SMALL DIAMETER DISCS	STEEL AND STAINLESS STEEL	ELECTRICAL AND PNEUMATIC HAND HELD MACHINES
CUTTING DISCS	STEEL AND STAINLESS STEEL ALUMINIUM AND NON-FERROUS METALS	PORTABLE MACHINES

CUTTING DISCS FOR STATIONARY MACHINES AND POWER SAWS		
LARGE DIAMETER CUTTING DISCS	STEEL AND STAINLESS STEEL RAILS	STATIONARY MACHINES POWER AND CHOP SAWS

GRINDING DISCS		
SMALL DIAMETER DISCS	STEEL STAINLESS STEEL	ELECTRICAL AND PNEUMATIC HAND HELD MACHINES
GRINDING DISCS	STEEL AND STAINLESS STEEL ALUMINIUM AND NON-FERROUS METALS CAST IRON AND TITANIUM AND STONE	PORTABLE ANGLE GRINDERS

FLAP DISCS		
PRODUCT	APPLICATION	MACHINES

ZIRCONIUM CLOTH		
FLAT DISCS WITH PLASTIC BACKING FLAT AND TAPERED DISCS WITH FIBRE BACKING	GENERAL PURPOSE	PORTABLE



POWER CUTTING AND GRINDING DISCS

HOW TO READ LABELS

MABTOOLS discs labels are designed according to regulation EN 12413 and oSa recommendations.



THE SPECIFICATION

P A 46 T M B F 41

RANGE	ABRASIVE	GRIT	HARDNESS	APPLICATION	BOND	REINFORCEMENT	SHAPE
E Energy P Power R r.Evolution X Xforce Z Zforce	A Aluminium Oxide C Silicon Carbide Z Zirconium	Coarse 24 30 36 46 60 Fine	Soft N P Q R S T Hard	F Fast Cut Rail G Titanium and Stone H Aluminium I Stainless Steel K Steel M Steel and Stainless Steel	B Resinoid	F Fibreglass	27 Depressed Centre Grinding 41 Flat Cutting 42 Depressed Centre Cutting

A clean, precise and burrless cut and an excellent flexibility make Power Cut discs the best choice for operations on steel, stainless steel, aluminium and non-ferrous materials. Chemically treated abrasive blends allow great performances, improving the disc elasticity and tenacity. Power range has been designed to be versatile, paying particular attention to materials and applications. Discs are manufactured using top quality European raw materials, corundum and silicon carbide, mixed with resin bonds and special fillers. The fibreglass reinforce nets are selected for their quality and strength, resulting in maximum safety when using the disc. Power Cut Line features a complete range of sizes and

specifications for cutting steel, stainless, aluminium and non-ferrous metals. Discs are available for electrical and pneumatic hand-held machines, portable cut-off machines, angle grinders and stationary machines. The great cutting ability, comfort and the clean cut are the main advantages of the thin wheels, making them the perfect choice for the productive worker. One of the main features of Power Cut products is the cool cut which avoids thermal deformations of the workpiece. Tests run in our laboratory by professionals in the abrasive field showed the impressive performance of Power Cut discs on several materials (tubes, sections, metal sheets etc.).

- Main applications**
- Maintenance
 - Metal carpentry
 - Metal construction
 - Auto bodies industry
 - Rail, Tanks, Shipyards
 - Pipelines for gas and oil
 - General use on metals

- Main features**
- Versatility
 - Clean cut
 - Comfort of use
 - Long life
 - Great qualite
 - Price ratio
 - oSa certified



POWER CUT CUTTING DISCS for hand-held machines

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS (D x T x b)				MACHINE
				(mm)	(inch)			

SMALL DIAMETER DISCS FOR ELECTRICAL AND PNEUMATIC HAND-HELD MACHINES

FLAT DISC - SPEED 80 M/S

DRSPMT3103M	M	PA60T	BF41	76 x 1,0 x 9,52	3 x .040 x 3/8	50	0,7	
DRSPMT3253M	M	PA60T	BF41	76 x 2,5 x 9,52	3 x 3/32 x 3/8	25	0,7	

CUTTING DISCS FOR PORTABLE CUT-OFF MACHINES AND ANGLE GRINDERS

FLAT DISC - SPEED 80 M/S

DRPPMT2107M	M	PA60T	BF41	115 x 1,0 x 22,23	4 1/2 x .040 x 7/8	25	0,7	
DRPPMT2167M	M	PA46T	BF41	115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	25	1,0	
DRPPMT2167H	H	PA46P	BF41	115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	25	1,0	
DRPPMT5107M	M	PA60T	BF41	125 x 1,0 x 22,23	5 x .040 x 7/8	25	0,85	
DRPPMT5167M	M	PA46T	BF41	125 x 1,6 x 22,23	5 x 1/16 x 7/8	25	1,2	
DRPPMT5167H	H	PA46P	BF41	125 x 1,6 x 22,23	5 x 1/16 x 7/8	25	1,2	
DRPPMT7167M	M	PA46T	BF41	180 x 1,6 x 22,23	7 x 1/16 x 7/8	25	3,8	
DRPPMT9197M	M	PA36S	BF41	230 x 1,9 x 22,23	9 x 5/64 x 7/8	25	5,5	

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS (D x T x H)				MACHINE
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CUTTING DISCS FOR PORTABLE CUT-OFF MACHINES AND ANGLE GRINDERS

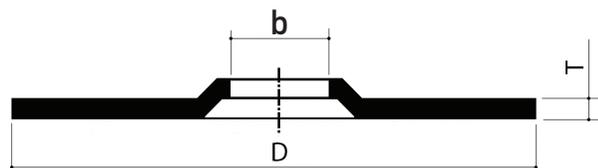
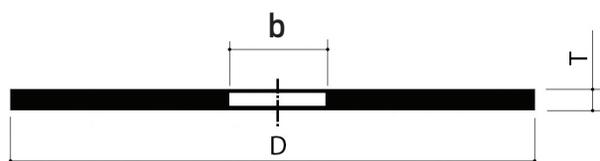
DEPRESSED CENTRE DISC - SPEED 80 M/S

DRDPMT2167M	M	PA46T	BF42	115 x 1,6 x 22,23	4 1/2 x 1/16 x 7/8	25	0,5	
DRDPMT2327M	M	PA30S	BF42	115 x 3,2 x 22,23	4 1/2 x 1/8 x 7/8	25	0,95	
DRDPMT2327H	H	PA30P	BF42	115 x 3,2 x 22,23	4 1/2 x 1/8 x 7/8	25	0,95	
DRDPMT5167M	M	PA46T	BF42	125 x 1,6 x 22,23	5 x 1/16 x 7/8	25	0,60	
DRDPMT5327M	M	PA30S	BF42	125 x 3,2 x 22,23	5 x 1/8 x 7/8	25	1,20	
DRDPMT5327H	H	PA30P	BF42	125 x 3,2 x 22,23	7 x 3/32 x 7/8	25	1,20	
DRDPMT7167M	M	PA46T	BF42	180 x 1,6 x 22,23	7 x 1/16 x 7/8	25	3,8	
DRDPMT7327M	M	PA30S	BF42	180 x 3,2 x 22,23	7 x 1/8 x 7/8	25	4,8	
DRDPMT7327H	H	PA30P	BF42	180 x 3,2 x 22,23	9 x 3/32 x 7/8	25	4,8	
DRDPMT9197M	M	PA36S	BF42	230 x 1,9 x 22,23	9 x 5/64 x 7/8	25	5,5	
DRDPMT9327M	M	PA30S	BF42	230 x 3,2 x 22,23	9 x 1/8 x 7/8	25	7,8	
DRDPMT9327H	H	PA30P	BF42	230 x 3,2 x 22,23	9 x 1/8 x 7/8	25	7,8	

Weights are approximate

(D x T x b = Diameter x Thickness x bore)

Table speed guide (see p.7)



POWER "GRIND" GRINDING DISCS

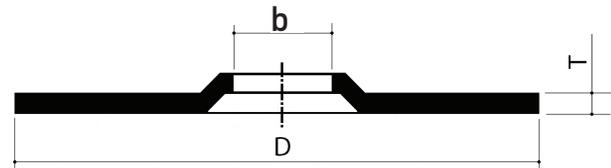
MABTOOLS Power Grind discs have been designed and manufactured to provide the best snagging performances on ferrous metals, steel, stainless steel, aluminium and non-ferrous metals.

Power range has been designed to be versatile, paying particular attention to materials and applications. Discs are manufactured using top quality European raw materials, corundum and silicon carbide, mixed with resin bonds and special fillers.

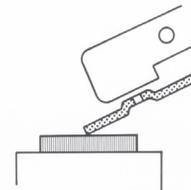
The fibreglass reinforce nets are selected for their quality and strength, resulting in maximum safety when using the disc.

The main feature of Power Grind discs is the high stock removal.

This allows better performances during the most common snagging operations even on large surfaces.



DEPRESSED CENTRE GRINDING DISC, SHAPE T27



SNAGGING WITH ANGLE GRINDERS

Main applications

- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- Rails
- Tanks
- Shipyards
- Pipelines for gas and oil
- General use on metals

Main features

- Versatility
- High stock removal
- Comfort of use
- Long life
- Great quality/price ratio
- oSa certified

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS [D x T x b]			
				[mm]	[inch]		
GRINDING DISCS FOR ANGLE GRINDERS							
SMALL DIAMETER DEPRESSED CENTRE DISCS - SPEED 80 M/S							
DRSPMT3483I	I	PA46T	BF27	76 x 4,8 x 9,52	3 x 3/16 x 3/8	20	1,1
DRSPMT3483K	K	PA46T	BF27	76 x 4,8 x 9,52	3 x 3/16 x 3/8	20	1,1
DRSPMT3703I	I	PA36R	BF27	76 x 7,0 x 9,52	3 x 9/32 x 3/8	15	1,4
DRSPMT3703K	K	PA36R	BF27	76 x 7,0 x 9,52	3 x 9/32 x 3/8	15	1,4
DEPRESSED CENTRE DISCS - SPEED 80 M/S							
DRDPMT2707I	I	PA24Q	BF27	115 x 7,0 x 22,23	4 1/2 x 9/32 x 7/8	10	1,7
DRDPMT2707M	M	PA24R	BF27	115 x 7,0 x 22,23	4 1/2 x 9/32 x 7/8	10	1,7
DRDPMT2707K	K	PA24S	BF27	115 x 7,0 x 22,23	4 1/2 x 9/32 x 7/8	10	1,7
DRDPMT2707H	H	PA30N	BF27	115 x 7,0 x 22,23	4 1/2 x 9/32 x 7/8	10	1,7
DRDPMT5707I	I	PA24Q	BF27	125 x 7,0 x 22,23	5 x 9/32 x 7/8	10	2,0
DRDPMT5707M	M	PA24R	BF27	125 x 7,0 x 22,23	5 x 9/32 x 7/8	10	2,0
DRDPMT5707K	K	PA24S	BF27	125 x 7,0 x 22,23	5 x 9/32 x 7/8	10	2,0
DRDPMT5707H	H	PA30N	BF27	125 x 7,0 x 22,23	5 x 9/32 x 7/8	10	2,0
DRDPMT7707I	I	PA24Q	BF27	180 x 7,0 x 22,23	7 x 9/32 x 7/8	10	4,5
DRDPMT7707M	M	PA24R	BF27	180 x 7,0 x 22,23	7 x 9/32 x 7/8	10	4,5
DRDPMT7707H	H	PA30N	BF27	180 x 7,0 x 22,23	7 x 9/32 x 7/8	10	4,5
DRDPMT9707I	I	PA24Q	BF27	230 x 7,0 x 22,23	9 x 9/32 x 7/8	10	8,0
DRDPMT9707M	M	PA24R	BF27	230 x 7,0 x 22,23	9 x 9/32 x 7/8	10	8,0
DRDPMT9707H	H	PA30N	BF27	230 x 7,0 x 22,23	9 x 9/32 x 7/8	10	8,0

Weights are approximate

(D x T x b = Diameter x Thickness x bore)

Table speed guide (see p.7)

POWER "CUT" CUTTING DISCS for stationary machines and power saws

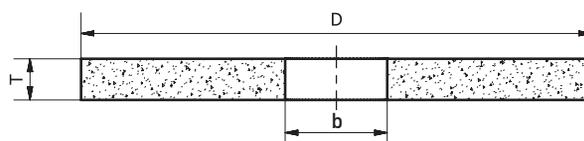
MABTOOLS manufactures cutting discs for stationary machines and power saws for industrial applications.

Discs are classified according to:

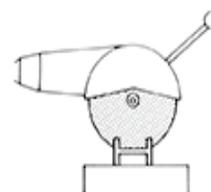
- Type of machine (cut-off machine, chop saws, power saws)
- Maximum operating speed (80 and 100 m/s)
- Workpiece material (steel, stainless steel, stone and concrete)

Power Cut discs are designed to ensure the safest working conditions and to avoid the most common problems: slow cutting, fast wear and vibrations.

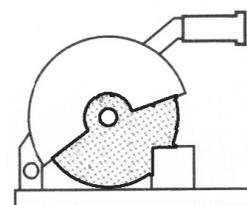
Power Cut includes discs for rail cutting with power saws. These are available in two different specifications (soft and hard) to satisfy every need.



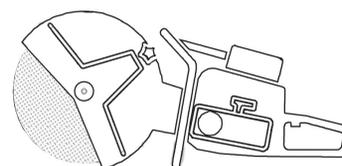
FLAT CUTTING DISC,
SHAPE T41



STATIONARY MACHINES



CHOP SAWS

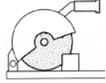


POWER SAWS

IMPORTANT

When cutting rail, best results come when discs are used at their maximum speed. To avoid rail overheating, disc consumption or bursting please do not apply too much pressure. It is highly recommended to wait at least two minutes between two cuts on the same piece.

POWER "CUT" CUTTING DISCS for stationary machines and power saws

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS (D x T x b)				MACHINE
				(mm)	(inch)			
CUTTING DISCS FOR STATIONARY CUT-OFF MACHINES								
LARGE DIAMETER FLAT DISCS - SPEED 80 M/S								
DRFPMT2381K	K	PA24Q	BF41	300 x 3,8 x 25,4	12 x 5/32 x 1	10	6,4	
DRFPMT238AK	K	PA24Q	BF41	300 x 3,8 x 30	12 x 5/32 x 13/16	10	6,4	
DRFPMT238BK	K	PA24Q	BF41	300 x 3,8 x 31,75	12 x 5/32 x 1 1/4	10	6,4	
DRFPMT4401K	K	PA24Q	BF41	355 x 4,0 x 25,4	14 x 5/32 x 1	10	9,6	
DRFPMT440BK	K	PA24Q	BF41	355 x 4,0 x 31,75	14 x 5/32 x 1 1/4	10	9,6	
DRFPMT6451K	K	PA24Q	BF41	406 x 4,5 x 25,4	16 x 3/16 x 1	10	13,8	
DRFPMT645BK	K	PA24Q	BF41	406 x 4,5 x 31,75	16 x 3/16 x 1 1/4	10	13,2	
DRFPMT6454K	K	PA24Q	BF41	406 x 4,5 x 40	16 x 3/16 x 19/16	10	13,2	
DRFPMT0551K	K	PA24Q	BF41	508 x 5,5 x 25,4	20 x 7/32 x 1	10	26,5	
DRFPMT055BK	K	PA24Q	BF41	508 x 5,5 x 32	20 x 7/32 x 1 1/4	10	26,5	
CUTTING DISCS FOR STATIONARY MACHINES								
LARGE DIAMETER FLAT DISCS - SPEED 80 M/S								
DRCPMT2251K	K	PA36N	BF41	300 x 2,5 x 25,4	12 x 3/32 x 1	10	3,8	
DRCPMT4271K	K	PA36N	BF41	355 x 2,7 x 25,4	14 x 7/64 x 1	10	4,5	
DRCPMT6301K	K	PA36N	BF41	406 x 3,0 x 25,4	16 x 1/8 x 1	10	7,4	
CUTTING DISCS FOR POWER SAWS								
LARGE DIAMETER FLAT DISCS - SPEED 100 M/S								
DRXPMT2382K	K	PA30N	BF41	300 x 3,8 x 20	12 x 5/32 x 25/32	10	6,4	
DRXPMT2382G	G	PC30S	BF41	300 x 3,8 x 20	12 x 5/32 x 25/32	10	6,4	
DRXPMT2387K	K	PA30N	BF41	300 x 3,8 x 22,23	12 x 5/32 x 7/8	10	6,4	
DRXPMT2387G	G	PC30S	BF41	300 x 3,8 x 22,23	12 x 5/32 x 7/8	10	6,4	
DRXPMT2381K	K	PA30N	BF41	300 x 3,8 x 25,4	12 x 5/32 x 1	10	6,4	
DRXPMT2381G	G	PC30S	BF41	300 x 3,8 x 25,4	12 x 5/32 x 1	10	6,4	
DRXPMT4407K	K	PA30N	BF41	355 x 4,0 x 22,23	14 x 5/32 x 7/8	10	9,3	
DRXPMT4407G	G	PC30S	BF41	355 x 4,0 x 22,23	14 x 5/32 x 7/8	10	9,3	
DRXPMT4401K	K	PA30N	BF41	355 x 4,0 x 25,4	14 x 5/32 x 1	10	9,3	
DRXPMT4401G	G	PC30S	BF41	355 x 4,0 x 25,4	14 x 5/32 x 1	10	9,3	
CUTTING DISCS FOR POWER SAWS								
LARGE DIAMETER FLAT DISCS FOR RAIL - SPEED 100 M/S								
DRXPMT2357F	F	PA24N	BF41	300 x 3,5 x 22,23	12 x 9/64 x 7/8	10	6,4	 
DRXPMT2351F	F	PA24N	BF41	300 x 3,5 x 25,4	12 x 9/64 x 1	10	6,4	
DRXPMT4387F	F	PA24N	BF41	355 x 3,8 x 22,23	14 x 5/32 x 7/8	10	9,3	
DRXPMT4381F	F	PA24N	BF41	355 x 3,8 x 25,4	14 x 5/32 x 1	10	9,3	
DRXPMT6407F	F	PA24N	BF41	406 x 4,0 x 22,23	16 x 5/32 x 7/8	10	12,8	
DRXPMT6401F	F	PA24N	BF41	406 x 4,0 x 25,4	16 x 5/32 x 1	10	12,8	

Weights are approximate

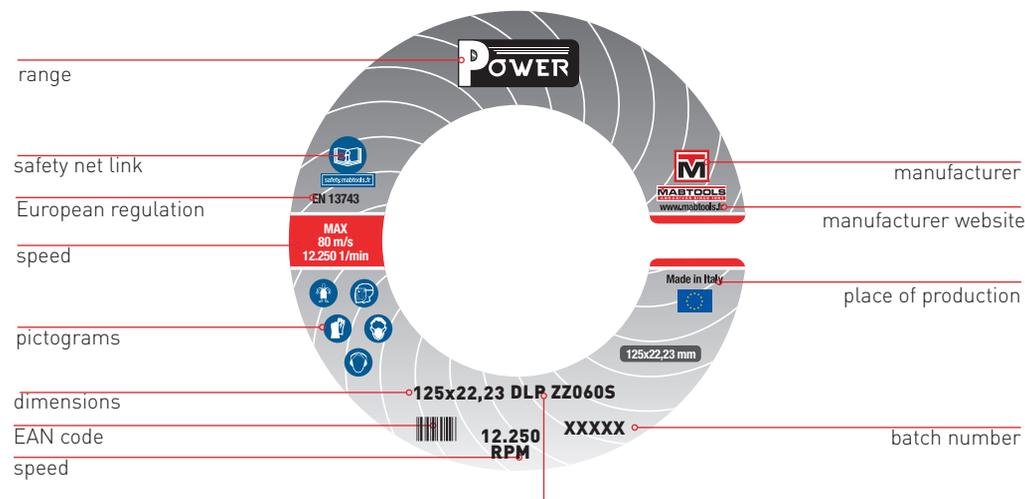
{ DxTx b = Diameter x Thickness x bore }

Table speed guide (see p.7)



HOW TO READ LABELS

MABTOOLS discs labels are designed according to regulation EN 12413 and oSa recommendations.



SPECIFICATION

DL P ZZ 060 S

PRODUCT	BACKING	ABRASIVE	GRIT	FLAPS
DL Flap Disc	A Ventilated with M14 F Fibre flat N Reinforced Nylon P Plastic T Fibre tapered	CC Silicon Carbide SS Ceramic SZ Ceramic Zirconium ZZ Zirconium	Coarse ↑ 40 60 80 ↓ 120 Fine	D Double M Magnum S Single

Safety regulations

Flap discs should be used at the maximum speed shown in rpm and m/s on the labels and packaging. The red colour of the central stripe indicates the maximum peripheral speed of 80 m/s. Never exceed this speed.

Practical suggestions

MABTOOLS designs and manufactures flap discs in accordance to European regulation EN 13743.

Before use

Please be sure that the abrasive disc is not damaged. Check the label to ensure disc is suitable for the required application.

Check power, speed and conditions of the machine.

Read the instructions which come with the product carefully.

Wear all the safety accessories.

Check the conditions of the working materials, and ensure that the workpiece is fixed well.

Mount the disc following the instructions.

During use

When working it is recommended to apply wavy movements to the disc and change the angle to use all its surface.

During the operation it is also recommended to take some breaks to avoid dust and surface heating.

Always wear gloves, helmet and glasses as some disc fragments may come off.

After use

Before disc removal wait until the machine has completely stopped.

Handle discs with care, please do not apply too much pressure or mechanical stress on them.

Destroy expired or damaged products.

Make machine check-up periodically.

Keep the abrasives in a dry place, avoiding variations of temperature.

POWER FLAP DISCS

Power range includes flap discs for snagging, polishing and finishing.

Power flap discs stand out for their strength, superior results and performance/price ratio.

They are designed and made in Italy, according to the strictest productive standards, in order to guarantee maximum safety.

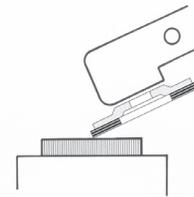
During manufacture only the best raw materials are used, with modern and hi-tech processes.

Ideal for professional operations, Power flap discs are the best solution with their versatility and efficiency.

Available for angle grinders, Power discs feature zirconium flaps with grain from 40 to 120, for operations on steel, stainless steel, cast iron and aluminium.

Discs backings are available in fibreglass and plastic.

Quantity and dimensions of flaps guarantee top performance, comfort of use and reduced noise.



ANGLE GRINDING MACHINES

Main Applications

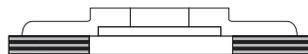
- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- Rail
- Tanks
- Shipyards
- Pipelines for gas and oil
- Surface finishing

Main Features

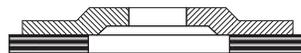
- Plastic and fibreglass backing
- Zirconium cloth
- Full contact of the flaps
- Light weight
- Made in Italy

Dimensions		BACKING	GRIT				📦	🏋️ KG
(mm)	(inch)		40	60	80	120		

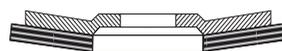
FLAP DISCS FOR ANGLE GRINDING MACHINES
ZIRCONIUM FLAP DISCS - SPEED 80 M/S



115 x 22	4 1/2 x 7/8	plastic	DLPPMT2ZZ040S	DLPPMT2ZZ060S	DLPPMT2ZZ080S	DLPPMT2ZZ120S	10	0,85
180 x 22	7 x 7/8	plastic	DLPPMT7ZZ040S	DLPPMT7ZZ060S	DLPPMT7ZZ080S	DLPPMT7ZZ120S	10	2,5



115 x 22	4 1/2 x 7/8	fibre flat	DLFPMT2ZZ040S	DLFPMT2ZZ060S	DLFPMT2ZZ080S	DLFPMT2ZZ120S	10	0,75
125 x 22	5 x 7/8	fibre flat	DLFPMT5ZZ040S	DLFPMT5ZZ060S	DLFPMT5ZZ080S	DLFPMT5ZZ120S	10	0,75
180 x 22	7 x 7/8	fibre flat	DLFPMT7ZZ040S	DLFPMT7ZZ060S	DLFPMT7ZZ080S	DLFPMT7ZZ120S	10	2,0



115 x 22	4 1/2 x 7/8	fibre tapered	DLTPMT2ZZ040S	DLTPMT2ZZ060S	DLTPMT2ZZ080S	DLTPMT2ZZ120S	10	0,75
125 x 22	5 x 7/8	fibre tapered	DLTPMT5ZZ040S	DLTPMT5ZZ060S	DLTPMT5ZZ080S	DLTPMT5ZZ120S	10	0,75
180 x 22	7 x 7/8	fibre tapered	DLTPMT7ZZ040S	DLTPMT7ZZ060S	DLTPMT7ZZ080S	DLTPMT7ZZ120S	10	2,0

Available upon request with Silicon Carbide cloth CC

Weights are approximate

{ DxTxb = Diameter x Thickness x bore }

Table speed guide { see p.7 }

COATED ABRASIVES

FIBRE DISCS
SPYR DISCS
SHOP ROLLS
ABRASIVE SHEETS
MOUNTED FLAP WHEELS
FLAP WHEELS WITH FLANGES
FLAP WHEELS FOR SATIN/POLISHING MACHINES
VELCRO PAPER SANDING DISCS
QUICK CHANGE DISCS
COMPACT UNITIZED DISCS
DEBURRING/PICKLING DISCS
BELTS



FIBRE DISCS

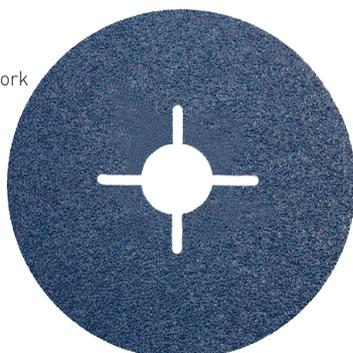
Dimensions (D x b)		GRIT		CODE	CODE
(mm)	(inch)				
ALUMINUM OXYDE					
General sanding and polishing on steel					
115x22	4 1/2" x 7/8"	A036	25	DFCM2A036	DFXM2A036
115x22	4 1/2" x 7/8"	A060	25	DFCM2A060	DFXM2A060
115x22	4 1/2" x 7/8"	A080	25	DFCM2A080	DFXM2A080
115x22	4 1/2" x 7/8"	A120	25	DFCM2A120	DFXM2A120
125x22	5" x 7/8"	A036	25	DFCM5A036	DFXM5A036
125x22	5" x 7/8"	A060	25	DFCM5A060	DFXM5A060
125x22	5" x 7/8"	A080	25	DFCM5A080	DFXM5A080
125x22	5" x 7/8"	A120	25	DFCM5A120	DFXM5A120
180x22	7" x 7/8"	A036	25	DFCM7A036	DFXM7A036
180x22	7" x 7/8"	A060	25	DFCM7A060	DFXM7A060
180x22	7" x 7/8"	A080	25	DFCM7A080	DFXM7A080
180x22	7" x 7/8"	A120	25	DFCM7A120	DFXM7A120
ZIRCONIUM OXYDE					
Sanding and polishing on Stainless					
115x22	4 1/2" x 7/8"	Z036	25	DFCM2Z036	DFXM2Z036
115x22	4 1/2" x 7/8"	Z060	25	DFCM2Z060	DFXM2Z060
115x22	4 1/2" x 7/8"	Z080	25	DFCM2Z080	DFXM2Z080
125x22	5" x 7/8"	Z036	25	DFCM5Z036	DFXM5Z036
125x22	5" x 7/8"	Z060	25	DFCM5Z060	DFXM5Z060
125x22	5" x 7/8"	Z080	25	DFCM5Z080	DFXM5Z080
180x22	7" x 7/8"	Z036	25	DFCM7Z036	DFXM7Z036
180x22	7" x 7/8"	Z060	25	DFCM7Z060	DFXM7Z060
180x22	7" x 7/8"	Z080	25	DFCM7Z080	DFXM7Z080

Business Sector

- Carpentry
- Welding
- Foundry
- Rail industry
- Pipes
- Shipyards
- Offshores
- Sheet metal work

Features

Abrasives on vulcanized fibre. General purpose on steel and ferrous metal. High efficiency on steels and stainless steels.



SPYR DISCS

SHAPE	Dimensions (D x b)			GRIT	CODE	GRIT	CODE
	(mm)	(inch)					
HIGH STOCK REMORAL				ALUMINIUM OXYDE		SILICON CARBIDE	
				Weld beads steels		Marble stone and concrete	
Tapered	115 x 22	4 1/2" x 7/8"	25	A016	DSFM2A016	C016	DSFM2C016
	115 x 22	4 1/2" x 7/8"	25	A024	DSFM2A024	C024	DSFM2C024
	115 x 22	4 1/2" x 7/8"	25	A036	DSFM2A036	C036	DSFM2C036
	115 x 22	4 1/2" x 7/8"	25	A060	DSFM2A060	C060	DSFM2C060
	115 x 22	4 1/2" x 7/8"	25	A080	DSFM2A080	C080	DSFM2C080
	115 x 22	4 1/2" x 7/8"	25	A120	DSFM2A120	C120	DSFM2C120
Flat	115 x 22	4 1/2" x 7/8"	25	A016	DSTM2A016	C016	DSTM2C016
	115 x 22	4 1/2" x 7/8"	25	A024	DSTM2A024	C024	DSTM2C024
	115 x 22	4 1/2" x 7/8"	25	A036	DSTM2A036	C036	DSTM2C036
	115 x 22	4 1/2" x 7/8"	25	A060	DSTM2A060	C060	DSTM2C060
	115 x 22	4 1/2" x 7/8"	25	A080	DSTM2A080	C080	DSTM2C080
	115 x 22	4 1/2" x 7/8"	25	A120	DSTM2A120	C120	DSTM2C120
Tapered	125 x 22	5" x 7/8"	25	A016	DSFM5A016	C016	DSFM5C016
	125 x 22	5" x 7/8"	25	A024	DSFM5A024	C024	DSFM5C024
	125 x 22	5" x 7/8"	25	A036	DSFM5A036	C036	DSFM5C036
	125 x 22	5" x 7/8"	25	A060	DSFM5A060	C060	DSFM5C060
	125 x 22	5" x 7/8"	25	A080	DSFM5A080	C080	DSFM5C080
	125 x 22	5" x 7/8"	25	A120	DSFM5A120	C120	DSFM5C120

Business sectors

Carpentry
Welding
Foundry
Rail industry
Pipes
Shipyards
Offshores
Sheet metal work

Features

Aluminium oxide or silicon carbide on semi flexible discs.
High stock removal particularly on weld beads steel and stone and concrete.
A full range of flat and tapered discs in Aluminium oxide and silicon carbide.



SPYR DISCS

SHAPE	Dimensions (D X b)			GRIT	CODE	GRIT	CODE
	(mm)	(inch)					
HIGH STOCK REMORAL				ALUMINIUM OXYDE		SILICON CARBIDE	
				Weld beads steels		Marble stone and concrete	
Tapered	125x22	5" x 7/8"	25	A016	DSTM5A016	C016	DSTM5C016
	125x22	5" x 7/8"	25	A024	DSTM5A024	C024	DSTM5A024
	125x22	5" x 7/8"	25	A036	DSTM5A036	C036	DSTM5A036
	125x22	5" x 7/8"	25	A060	DSTM5A060	C060	DSTM5A060
	125x22	5" x 7/8"	25	A080	DSTM5A080	C080	DSTM5A080
	125x22	5" x 7/8"	25	A120	DSTM5A120	C120	DSTM5A120
Flat	180x22	7" x 7/8"	25	A016	DSTM7A016	C016	DSTM7A016
	180x22	7" x 7/8"	25	A024	DSTM7A024	C024	DSTM7A024
	180x22	7" x 7/8"	25	A036	DSTM7A036	C036	DSTM7A036
	180x22	7" x 7/8"	25	A060	DSTM7A060	C060	DSTM7A060
	180x22	7" x 7/8"	25	A080	DSTM7A080	C080	DSTM7A080
	180x22	7" x 7/8"	25	A120	DSTM7A120	C120	DSTM7A120
Tapered	180x22	7" x 7/8"	25	A016	DSTM7A016	C016	DSTM7A016
	180x22	7" x 7/8"	25	A024	DSTM7A024	C024	DSTM7A024
	180x22	7" x 7/8"	25	A036	DSTM7A036	C036	DSTM7A036
	180x22	7" x 7/8"	25	A060	DSTM7A060	C060	DSTM7A060
	180x22	7" x 7/8"	25	A080	DSTM7A080	C080	DSTM7A080
	180x22	7" x 7/8"	25	A120	DSTM7A120	C120	DSTM7A120



SHOP ROLLS

Double resin Aluminium Oxide

Dismensions (width x Length)		GRIT	CODE	
(mm x m)	(inch x feet)			

Aluminium oxide

Polishing and sanding operations

38 mm x 25 m	1 1/2" x 82 ft	A040	RAM3825A040	5
38 mm x 25 m	1 1/2" x 82 ft	A060	RAM3825A060	5
38 mm x 25 m	1 1/2" x 82 ft	A080	RAM3825A080	5
38 mm x 25 m	1 1/2" x 82 ft	A100	RAM3825A100	5
38 mm x 25 m	1 1/2" x 82 ft	A120	RAM3825A120	5
38 mm x 25 m	1 1/2" x 82 ft	A180	RAM3825A180	5
38 mm x 25 m	1 1/2" x 82 ft	A220	RAM3825A220	5



50 mm x 25 m	2" x 82 ft	A040	RAM3825A040	2
50 mm x 25 m	2" x 82 ft	A060	RAM3825A060	2
50 mm x 25 m	2" x 82 ft	A080	RAM3825A080	2
50 mm x 25 m	2" x 82 ft	A100	RAM3825A100	2
50 mm x 25 m	2" x 82 ft	A120	RAM3825A120	2
50 mm x 25 m	2" x 82 ft	A180	RAM3825A180	2
50 mm x 25 m	2" x 82 ft	A220	RAM3825A220	2

115 mm x 50 m	4 1/2" x 164 ft	A040	RAM 115A040	1
115 mm x 50 m	4 1/2" x 164 ft	A060	RAM 115A060	1
115 mm x 50 m	4 1/2" x 164 ft	A080	RAM 115A080	1
115 mm x 50 m	4 1/2" x 164 ft	A100	RAM 115A100	1
115 mm x 50 m	4 1/2" x 164 ft	A120	RAM 115A120	1
115 mm x 50 m	4 1/2" x 164 ft	A180	RAM 115A180	1
115 mm x 50 m	4 1/2" x 164 ft	A220	RAM 115A220	1

Business sectors

Carpentry
Welding
Foundry
Rail industry
Pipes
Shipyards
Offshores
Sheet metal word

Features

Double resin aluminium oxide abrasive cloth.
All kinds of polishing and sanding operations.
A full range of grit sizes with high resistance to wear.

CODE	GRIT	
ALUMINIUM OXIDE		
APP0106	A040	50
APP0107	A060	50
APP0108	A080	50
APP0109	A120	50
APP0110	A150	50
APP0111	A180	50
APP0112	A240	50
APP0113	A400	50

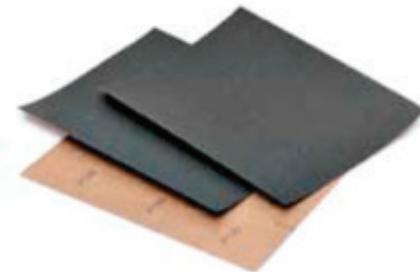
Double resin Aluminium Oxide cloth



CODE	GRIT	
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Waterproof paper sheets

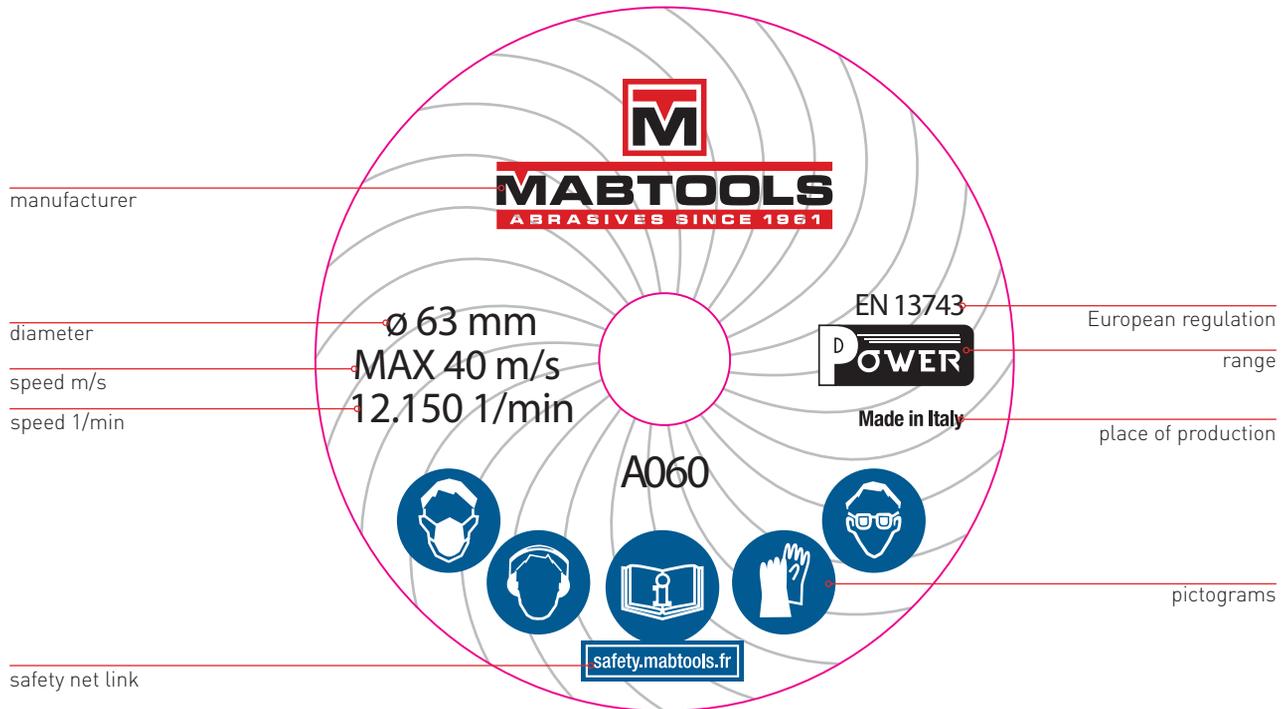
SILICON CARBIDE		
Wet car body sanding		
APP0115	C080	50
APP0116	C100	50
APP0117	C120	50
APP0118	C150	50
APP0119	C180	50
APP0120	C240	50
APP0121	C400	50
APP0122	C600	50
APP0123	C800	50



MOUNTED FLAP WHEELS cloth, non-woven and combi

HOW TO READ LABELS

MABTOOLS labels are designed according to regulation EN 12413 and oSa recommendations.



CLOTH

RLP M 4020 A 3206

PRODUCT		DIAMETER	HEIGHT	ABRASIVE	GRIT	SHANK DIAM
RLP mounted flap wheels	M	from 22 mm to 100 mm	from 10 mm to 50 mm	AA aluminium TT non-woven AT combi	from 040 to 320	03 06

NON-WOVEN AND COMBI

RLP MT 6050 TT MED 6

PRODUCT		DIAMETER	HEIGHT	ABRASIVE	GRIT	SHANK DIAM
RLP mounted flap wheels	MT	from 22 mm to 100 mm	from 10 mm to 50 mm	TT non-woven AT combi	COA MED FIN VFM	3 6

Business sectors

- Carpentry
- Welding
- Foundry
- Rail industry
- Pipes
- Shipyards
- Offshores
- Sheet metal work

Features

- Flexible Aluminium oxide cloth, and non-woven on metal flanges
- Polishing-finishing of cross scratches
- A full range of grits and dimensions, enabling to get all kind of surface finish





MOUNTED FLAP DISCS cotton flaps

ALUMINIUM OXYDE CLOTH

DIMENSIONS (D x ht x shank)			GRIT					
			40	60	80	120	180	240
CODES								
22 x 10 x 3	25	RLPM2210AA0403	RLPM2210AA0603	RLPM2210AA0803	RLPM2210AA1203	RLPM2210AA1803	RLPM2210AA2403	RLPM2210AA3203
22 x 10 x 6	25	RLPM2210AA0406	RLPM2210AA0606	RLPM2210AA0806	RLPM2210AA1206	RLPM2210AA1806	RLPM2210AA2406	RLPM2210AA3206
22 x 15 x 3	25	RLPM2215AA0403	RLPM2215AA0603	RLPM2215AA0803	RLPM2215AA1203	RLPM2215AA1803	RLPM2215AA2403	RLPM2215AA3203
22 x 15 x 6	25	RLPM2215AA0406	RLPM2220AA0606	RLPM2215AA0806	RLPM2215AA1206	RLPM2215AA1806	RLPM2215AA2406	RLPM2215AA3206
22 x 20 x 6	25	RLPM2220AA0406	RLPM2220AA0606	RLPM2220AA0806	RLPM2220AA1206	RLPM2220AA1806	RLPM2220AA2406	RLPM2220AA3206
25 x 10 x 6	25	RLPM2510AA0406	RLPM2510AA0606	RLPM2510AA0806	RLPM2510AA1206	RLPM2510AA1806	RLPM2510AA2406	RLPM2510AA3206
25 x 15 x 6	25	RLPM2515AA0406	RLPM2515AA0606	RLPM2515AA0806	RLPM2515AA1206	RLPM2515AA1806	RLPM2515AA2406	RLPM2515AA3206
25 x 20 x 6	25	RLPM2520AA0406	RLPM2520AA0606	RLPM2520AA0806	RLPM2520AA1206	RLPM2520AA1806	RLPM2520AA2406	RLPM2520AA3206
25 x 25 x 6	25	RLPM2525AA0406	RLPM2525AA0606	RLPM2525AA0806	RLPM2525AA1206	RLPM2525AA1806	RLPM2525AA2406	RLPM2525AA3206
30 x 10 x 3	25	RLPM3010AA0403	RLPM3010AA0603	RLPM3010AA0803	RLPM3010AA1203	RLPM3010AA1803	RLPM3010AA2403	RLPM3010AA3203
30 x 10 x 6	25	RLPM3010AA0406	RLPM3010AA0606	RLPM3010AA0806	RLPM3010AA1206	RLPM3010AA1806	RLPM3010AA2406	RLPM3010AA3206
30 x 15 x 3	25	RLPM3015AA0403	RLPM3015AA0603	RLPM3015AA0803	RLPM3015AA1203	RLPM3015AA1803	RLPM3015AA2403	RLPM3015AA3203
30 x 15 x 6	25	RLPM3015AA0406	RLPM3015AA0606	RLPM3015AA0806	RLPM3015AA1206	RLPM3015AA1806	RLPM3015AA2406	RLPM3015AA3206
30 x 20 x 6	25	RLPM3020AA0406	RLPM3020AA0606	RLPM3020AA0806	RLPM3020AA1206	RLPM3020AA1806	RLPM3020AA2406	RLPM3020AA3206
30 x 30 x 6	25	RLPM3030AA0406	RLPM3030AA0606	RLPM3030AA0806	RLPM3030AA1206	RLPM3030AA1806	RLPM3030AA2406	RLPM3030AA3206
40 x 10 x 6	25	RLPM4010AA0403	RLPM4010AA0603	RLPM4010AA0803	RLPM4010AA1203	RLPM4010AA1803	RLPM4010AA2403	RLPM4010AA3203
40 x 10 x 6	25	RLPM4010AA0406	RLPM4010AA0606	RLPM4010AA0806	RLPM4010AA1206	RLPM4010AA1806	RLPM4010AA2406	RLPM4010AA3206
40 x 15 x 6	25	RLPM4015AA0406	RLPM4015AA0606	RLPM4015AA0806	RLPM4015AA1206	RLPM4015AA1806	RLPM4015AA2406	RLPM4015AA3206
40 x 20 x 6	25	RLPM4020AA0406	RLPM4020AA0606	RLPM4020AA0806	RLPM4020AA1206	RLPM4020AA1806	RLPM4020AA2406	RLPM4020AA3206
40 x 25 x 6	25	RLPM4025AA0406	RLPM4025AA0606	RLPM4025AA0806	RLPM4025AA1206	RLPM4025AA1806	RLPM4025AA2406	RLPM4025AA3206
40 x 30 x 6	25	RLPM4030AA0406	RLPM4030AA0606	RLPM4030AA0806	RLPM4030AA1206	RLPM4030AA1806	RLPM4030AA2406	RLPM4030AA3206
50 x 10 x 6	25	RLPM5010AA0406	RLPM5010AA0606	RLPM5010AA0806	RLPM5010AA1206	RLPM5010AA1806	RLPM5010AA2406	RLPM5010AA3206
50 x 15 x 6	25	RLPM5015AA0406	RLPM5015AA0606	RLPM5015AA0806	RLPM5015AA1206	RLPM5015AA1806	RLPM5015AA2406	RLPM5015AA3206
50 x 20 x 6	25	RLPM5020AA0406	RLPM5020AA0606	RLPM5020AA0806	RLPM5020AA1206	RLPM5020AA1806	RLPM5020AA2406	RLPM5020AA3206
50 x 25 x 6	25	RLPM5025AA0406	RLPM5025AA0606	RLPM5025AA0806	RLPM5025AA1206	RLPM5025AA1806	RLPM5025AA2406	RLPM5025AA3206
50 x 30 x 6	25	RLPM5030AA0406	RLPM5030AA0606	RLPM5030AA0806	RLPM5030AA1206	RLPM5030AA1806	RLPM5030AA2406	RLPM5030AA3206
60 x 15 x 6	25	RLPM6015AA0406	RLPM6015AA0606	RLPM6015AA0806	RLPM6015AA1206	RLPM6015AA1806	RLPM6015AA2406	RLPM6015AA3206
60 x 20 x 6	25	RLPM6020AA0406	RLPM6020AA0606	RLPM6020AA0806	RLPM6020AA1206	RLPM6020AA1806	RLPM6020AA2406	RLPM6020AA3206
60 x 30 x 6	25	RLPM6030AA0406	RLPM6030AA0606	RLPM6030AA0806	RLPM6030AA1206	RLPM6030AA1806	RLPM6030AA2406	RLPM6030AA3206
60 x 40 x 6	25	RLPM6040AA0406	RLPM6040AA0606	RLPM6040AA0806	RLPM6040AA1206	RLPM6040AA1806	RLPM6040AA2406	RLPM6040AA3206
60 x 50 x 5	25	RLPM6050AA0406	RLPM6050AA0606	RLPM6050AA0806	RLPM6050AA1206	RLPM6050AA1806	RLPM6050AA2406	RLPM6050AA3206
80 x 10 x 6	25	RLPM8010AA0406	RLPM8010AA0606	RLPM8010AA0806	RLPM8010AA1206	RLPM8010AA1806	RLPM8010AA2406	RLPM8010AA3206
80 x 15 x 6	25	RLPM8015AA0406	RLPM8015AA0606	RLPM8015AA0806	RLPM8015AA1206	RLPM8015AA1806	RLPM8015AA2406	RLPM8015AA3206
80 x 20 x 6	25	RLPM8020AA0406	RLPM8020AA0606	RLPM8020AA0806	RLPM8020AA1206	RLPM8020AA1806	RLPM8020AA2406	RLPM8020AA3206
80 x 30 x 6	25	RLPM8030AA0406	RLPM8030AA0606	RLPM8030AA0806	RLPM8030AA1206	RLPM8030AA1806	RLPM8030AA2406	RLPM8030AA3206
80 x 40 x 6	25	RLPM8040AA0406	RLPM8030AA0606	RLPM8030AA0806	RLPM8030AA1206	RLPM8030AA1806	RLPM8030AA2406	RLPM8030AA3206
80 x 50 x 6	25	RLPM8050AA0406	RLPM8050AA0606	RLPM8050AA0806	RLPM8050AA1206	RLPM8050AA1806	RLPM8050AA2406	RLPM8050AA3206

MOUNTED FLAP DISCS

NON-WOVEN

DIMENSIONS (D x ht x shank)	GRIT				
	Coarse	Medium	Fine	Very fine	



CODES					
30 x 10 x 3	RLPMT3010TTCOA3	RLPMT3010TTMED3	RLPMT3010TTFIN3	RLPMT3010TTVFN3	25
30 x 10 x 6	RLPMT3010TTCOA6	RLPMT3010TTMED6	RLPMT3010TTFIN6	RLPMT3010TTVFN6	25
30 x 20 x 3	RLPMT3020TTCOA3	RLPMT3020TTMED3	RLPMT3020TTFIN3	RLPMT3020TTVFN3	25
30 x 20 x 6	RLPMT3020TTCOA6	RLPMT3020TTMED6	RLPMT3020TTFIN6	RLPMT3020TTVFN6	25
30 x 30 x 6	RLPMT3030TTCOA6	RLPMT3030TTMED6	RLPMT3030TTFIN6	RLPMT3030TTVFN6	25

40 x 20 x 6	RLPMT4020TTCOA3	RLPMT4020TTMED3	RLPMT4020TTFIN3	RLPMT4020TTVFN3	25
40 x 30 x 6	RLPMT4030TTCOA6	RLPMT4030TTMED6	RLPMT4030TTFIN6	RLPMT4030TTVFN6	25

50 x 20 x 6	RLPMT5020TTCOA6	RLPMT5020TTMED6	RLPMT5020TTFIN6	RLPMT5020TTVFN6	25
50 x 25 x 6	RLPMT5025TTCOA6	RLPMT5025TTMED6	RLPMT5025TTFIN6	RLPMT5025TTVFN6	25
50 x 30 x 6	RLPMT5030TTCOA6	RLPMT5030TTMED6	RLPMT5030TTFIN6	RLPMT5030TTVFN6	25
50 x 40 x 6	RLPMT5040TTCOA6	RLPMT5040TTMED6	RLPMT5040TTFIN6	RLPMT5040TTVFN6	25
50 x 50 x 6	RLPMT5050TTCOA6	RLPMT5050TTMED6	RLPMT5050TTFIN6	RLPMT5050TTVFN6	25

60 x 30 x 6	RLPMT6030TTCOA6	RLPMT6030TTMED6	RLPMT6030TTFIN6	RLPMT6030TTVFN6	25
60 x 40 x 6	RLPMT6040TTCOA6	RLPMT6040TTMED6	RLPMT6040TTFIN6	RLPMT6040TTVFN6	25
60 x 50 x 6	RLPMT6050TTCOA6	RLPMT6050TTMED6	RLPMT6050TTFIN6	RLPMT6050TTVFN6	25

80 x 30 x 6	RLPMT8030TTCOA6	RLPMT8030TTMED6	RLPMT8030TTFIN6	RLPMT8030TTVFN6	25
80 x 40 x 6	RLPMT8040TTCOA6	RLPMT8040TTMED6	RLPMT8040TTFIN6	RLPMT8040TTVFN6	25
80 x 50 x 6	RLPMT8050TTCOA6	RLPMT8050TTMED6	RLPMT8050TTFIN6	RLPMT8050TTVFN6	25

Business sectors

Carpentry
Welding
Foundry
Rail industry
Pipes
Shipyards
Offshores
Sheet metal work

Features

Flexible Aluminium oxide cloth and non-woven.
Polishing finishing of cross scratches.
A full range of grits and dimensions, enabling to get all kind of surface finish.



COMBI

DIMENSIONS (D x ht x shank)	GRIT						
	40	60	80	120	180	320	

CODES							
30 x 20 x 3	RLPMT3020AT0403	RLPMT3020AT0603	RLPMT3020AT0803	RLPMT3020AT1203	RLPMT3020AT1803	RLPMT3020AT3203	25
30 x 20 x 6	RLPMT3020AT0406	RLPMT3020AT0606	RLPMT3020AT0806	RLPMT3020AT1206	RLPMT3020AT1806	RLPMT3020AT3206	25

40 x 20 x 6	RLPMT4020AT0406	RLPMT4020AT0606	RLPMT4020AT0806	RLPMT4020AT1206	RLPMT4020AT1806	RLPMT4020AT3206	25
40 x 30 x 6	RLPMT4030AT0406	RLPMT4030AT0606	RLPMT4030AT0806	RLPMT4030AT1206	RLPMT4030AT1806	RLPMT4030AT3206	25

50 x 20 x 6	RLPMT5020AT0406	RLPMT5020AT0606	RLPMT5020AT0806	RLPMT5020AT1206	RLPMT5020AT1806	RLPMT5020AT3206	25
50 x 25 x 6	RLPMT5025AT0406	RLPMT5025AT0606	RLPMT5025AT0806	RLPMT5025AT1206	RLPMT5025AT1806	RLPMT5025AT3206	25
50 x 30 x 6	RLPMT5030AT0406	RLPMT5030AT0606	RLPMT5030AT0806	RLPMT5030AT1206	RLPMT5030AT1806	RLPMT5030AT3206	25
50 x 40 x 6	RLPMT5040AT0406	RLPMT5040AT0606	RLPMT5040AT0806	RLPMT5040AT1206	RLPMT5040AT1806	RLPMT5040AT3206	25
50 x 50 x 6	RLPMT5050AT0406	RLPMT5050AT0606	RLPMT5050AT0806	RLPMT5050AT1206	RLPMT5050AT1806	RLPMT5050AT3206	25

60 x 30 x 6	RLPMT6030AT0406	RLPMT6030AT0606	RLPMT6030AT0806	RLPMT6030AT1206	RLPMT6030AT1806	RLPMT6030AT3206	25
60 x 40 x 6	RLPMT6040AT0406	RLPMT6040AT0606	RLPMT6040AT0806	RLPMT6040AT1206	RLPMT6040AT1806	RLPMT6040AT3206	25
60 x 50 x 6	RLPMT6050AT0406	RLPMT6050AT0606	RLPMT6050AT0806	RLPMT6050AT1206	RLPMT6050AT1806	RLPMT6050AT3206	25

80 x 30 x 6	RLPMT8030AT0406	RLPMT8030AT0606	RLPMT8030AT0806	RLPMT8030AT1206	RLPMT8030AT1806	RLPMT8030AT3206	25
80 x 40 x 6	RLPMT8040AT0406	RLPMT8040AT0606	RLPMT8040AT0806	RLPMT8040AT1206	RLPMT8040AT1806	RLPMT8040AT3206	25
80 x 50 x 6	RLPMT8050AT0406	RLPMT8050AT0606	RLPMT8050AT0806	RLPMT8050AT1206	RLPMT8050AT1806	RLPMT8050AT3206	25

FLANGED FLAP WHEEL

HOW TO READ LABELS

MABTOOLS labels are designed according to regulation EN 12413 and oSa recommendations.



CLOTH

RLF M 4 30 1 A 120

PRODUCT		DIAMETER	HEIGHT	BORE	ABRASIVE	GRIT
RLF flanged flap wheel	M	4 = 100 mm 6 = 150 mm 7 = 180 mm 8 = 200 mm 5 = 250 mm 2 = 300 mm	25 mm 30 mm 40 mm 50 mm 75 mm 100 mm = 00	1 = 25,4mm C = 54mm	A Aluminium oxide	from 040 to 320

SATIN POLISHING

RLS M 4050 AA 040

PRODUCT		DIAMETER	HEIGHT	ABRASIVE	GRIT
RLS roue à lamelles pour satineuses	M	4 = 100mm	030 040 050 100	AA Aluminium oxide	from 040 to 320

FLAP WHEELS WITH FLANGES

ALUMINIUM OXYDE CLOTH

DIMENSIONS (D x ht x b) (mm)		GRIT				
		40	50	60	80	100
CODES						
100 x 30 x 26	10	RFLM4301A040	RFLM4301A050	RFLM4301A060	RFLM4301A080	RFLM4301A100
100 x 50 x 26	10	RFLM4501A040	RFLM4501A050	RFLM4501A060	RFLM4501A080	RFLM4501A100
150 x 25 x 25,4	10	RFLM6251A040	RFLM6251A050	RFLM6251A060	RFLM6251A080	RFLM6251A100
150 x 25 x 54	10	RFLM625CA040	RFLM625CA050	RFLM625CA060	RFLM625CA080	RFLM625CA100
150 x 50 x 25,4	10	RFLM6501A040	RFLM6501A050	RFLM6501A060	RFLM6501A080	RFLM6501A100
150 x 50 x 54	10	RFLM650CA040	RFLM650CA050	RFLM650CA060	RFLM650CA080	RFLM650CA100
165 x 25 x 25,4	10	RFLM7251A040	RFLM7251A050	RFLM7251A060	RFLM7251A080	RFLM7251A100
165 x 25 x 25,4	10	RFLM725CA040	RFLM725CA050	RFLM725CA060	RFLM725CA080	RFLM725CA100
165 x 30 x 25,4	10	RFLM7301A040	RFLM7301A050	RFLM7301A060	RFLM7301A080	RFLM7301A100
165 x 30 x 25,4	10	RFLM730CA040	RFLM730CA050	RFLM730CA060	RFLM730CA080	RFLM730CA100
165 x 50 x 25,4	10	RFLM7501A040	RFLM7501A050	RFLM7501A060	RFLM7501A080	RFLM7501A100
165 x 50 x 54	10	RFLM750CA040	RFLM750CA050	RFLM750CA060	RFLM750CA080	RFLM750CA100
200 x 30 x 54	10	RFLM830CA040	RFLM830CA050	RFLM830CA060	RFLM830CA080	RFLM830CA100
200 x 50 x 54	10	RFLM850CA040	RFLM850CA050	RFLM850CA060	RFLM850CA080	RFLM850CA100
250 x 25 x 100	10	RLFM5250A040	RLFM5250A050	RLFM5250A060	RLFM5250A080	RLFM5250A100
250 x 30 x 100	10	RLFM5300A040	RLFM5300A050	RLFM5300A060	RLFM5300A080	RLFM5300A100
250 x 50 x 100	10	RLFM5500A040	RLFM5500A050	RLFM5500A060	RLFM5500A080	RLFM5500A100
300 x 25 x 100	10	RLFM2250A040	RLFM2250A050	RLFM2250A060	RLFM2250A080	RLFM2250A100
300 x 30 x 100	10	RLFM2300A040	RLFM2300A050	RLFM2300A060	RLFM2300A080	RLFM2300A100
300 x 40 x 100	10	RLFM2400A040	RLFM2400A050	RLFM2400A060	RLFM2400A080	RLFM2400A100
300 x 50 x 100	10	RLFM2500A040	RLFM2500A050	RLFM2500A060	RLFM2500A080	RLFM2500A100
300 x 75 x 100	10	RLFM2750A040	RLFM2750A050	RLFM2750A060	RLFM2750A080	RLFM2750A100
300 x 100 x 100	10	RLFM2000A040	RLFM2000A050	RLFM2000A060	RLFM2000A080	RLFM2000A100

Features

Flexible aluminium oxide cloth on metal flanges.

Polishing and finishing of cross scratches.

A full range of grits and dimensions, enabling to get all kind of surface finish.



FLAP WHEELS WITH FLANGES

ALUMINIUM OXYDE CLOTH

DIMENSIONS (D x ht x b)	GRIT				
	120	150	180	240	320
(mm)					
CODES					
100 x 30 x 26	RLFM4301A120	RLFM4301A150	RLFM4301A180	RLFM4301A240	RLFM4301A320
100 x 50 x 26	RLFM4501A120	RLFM4501A150	RLFM4501A180	RLFM4501A240	RLFM4501A320
150 x 25 x 25,4	RLFM6251A120	RLFM6251A150	RLFM6251A180	RLFM6251A240	RLFM6251A320
150 x 25 x 54	RLFM625CA120	RLFM625CA150	RLFM625CA180	RLFM625CA240	RLFM625CA320
150 x 50 x 25,4	RLFM6501A120	RLFM6501A150	RLFM6501A180	RLFM6501A240	RLFM6501A320
150 x 50 x 54	RLFM650CA120	RLFM650CA150	RLFM650CA180	RLFM650CA240	RLFM650CA320
165 x 25 x 25,4	RLFM7251A120	RLFM7251A150	RLFM7251A180	RLFM7251A240	RLFM7251A320
165 x 25 x 54	RLFM725CA120	RLFM725CA150	RLFM725CA180	RLFM725CA240	RLFM725CA320
165 x 30 x 25,4	RLFM7301A120	RLFM7301A150	RLFM7301A180	RLFM7301A240	RLFM7301A320
165 x 30 x 54	RLFM730CA120	RLFM730CA150	RLFM730CA180	RLFM730CA240	RLFM730CA320
165 x 50 x 25,4	RLFM7501A120	RLFM7501A150	RLFM7501A180	RLFM7501A240	RLFM7501A320
165 x 50 x 54	RLFM750CA120	RLFM750CA150	RLFM750CA180	RLFM750CA240	RLFM750CA320
200 x 30 x 54	RLFM830CA120	RLFM830CA150	RLFM830CA180	RLFM830CA240	RLFM830CA320
200 x 50 x 54	RLFM850CA120	RLFM850CA150	RLFM850CA180	RLFM850CA240	RLFM850CA320
250 x 25 x 100	RLFM5250A120	RLFM5250A150	RLFM5250A180	RLFM5250A240	RLFM5250A320
250 x 30 x 100	RLFM5300A120	RLFM5300A150	RLFM5300A180	RLFM5300A240	RLFM5300A320
250 x 50 x 100	RLFM5500A120	RLFM5500A150	RLFM5500A180	RLFM5500A240	RLFM5500A320
300 x 25 x 100	RLFM2250A120	RLFM2250A150	RLFM2250A180	RLFM2250A240	RLFM2250A320
300 x 30 x 100	RLFM2300A120	RLFM2300A150	RLFM2300A180	RLFM2300A240	RLFM2300A320
300 x 40 x 100	RLFM2400A120	RLFM2400A150	RLFM2400A180	RLFM2400A240	RLFM2400A320
300 x 50 x 100	RLFM2500A120	RLFM2500A150	RLFM2500A180	RLFM2500A240	RLFM2500A320
300 x 75 x 100	RLFM2750A120	RLFM2750A150	RLFM2750A180	RLFM2750A240	RLFM2750A320
300 x 100 x 100	RLFM2000A120	RLFM2000A150	RLFM2000A180	RLFM2000A240	RLFM2000A320

Business sectors

- Carpentry
- Welding
- Foundry
- Rail industry
- Pipes
- Shipyards
- Offshores
- Sheet metal work



FLAP WHEELS FOR SATIN/POLISHING MACHINES

ALUMINIUM OXYDE CLOTH

DIMENSIONS (D x ht x b)			GRIT				
(mm)	(inch)		40	50	60	80	100

CODES							
100 x 30 x 19,1	4" x 1 ^{3/16} " x 3/4"	10	RLSM4030AA040	RLSM4030AA050	RLSM4030AA060	RLSM4030AA080	RLSM4030AA100
100 x 40 x 19,1	4" x 1 ^{9/16} " x 3/4"	5	RLSM4040AA040	RLSM4040AA050	RLSM4040AA060	RLSM4040AA080	RLSM4040AA100
100 x 50 x 19,1	4" x 2" x 3/4"	5	RLSM4050AA040	RLSM4050AA050	RLSM4050AA060	RLSM4050AA080	RLSM4050AA100
100 x 100 x 19,1	4" x 4" x 3/4"	5	RLSM4100AA040	RLSM4100AA050	RLSM4100AA060	RLSM4100AA080	RLSM4100AA100



DIMENSIONS (D x ht x b)			GRIT				
(mm)	(inch)		120	150	180	240	320

CODES							
100 x 30 x 19,1	4" x 1 ^{3/16} " x 3/4"	10	RLSM4030AA120	RLSM4030AA150	RLSM4030AA180	RLSM4030AA240	RLSM4030AA320
100 x 40 x 19,1	4" x 1 ^{9/16} " x 3/4"	5	RLSM4040AA120	RLSM4040AA150	RLSM4040AA180	RLSM4040AA240	RLSM4040AA320
100 x 50 x 19,1	4" x 2" x 3/4"	5	RLSM4050AA120	RLSM4050AA150	RLSM4050AA180	RLSM4050AA240	RLSM4050AA320
100 x 100 x 19,1	4" x 4" x 3/4"	5	RLSM4100AA120	RLSM4100AA150	RLSM4100AA180	RLSM4100AA240	RLSM4100AA320



FLAP WHEELS FOR SATIN/POLISHING MACHINES

COMBI

DIMENSIONS (D x ht x b)			GRIT			
(mm)	(inch)		A040 - LARGE	A060 - MEDIUM	A080 - FINE	A120 - VERY FINE
CODES						
100 x 50 x 19,1	4" x 2" x 3/4"	5	RLSM4050AT040	RLSM4050AT060	RLSM4050AT080	RLSM4050AT120
100 x 100 x 19,1	4" x 2" x 3/4"	5	RLSM4100AT040	RLSM4100AT060	RLSM4100AT080	RLSM4100AT120



NON-WOVEN

DIMENSIONS (D x ht x b)			GRIT			
(mm)	(inch)		LARGE	MEDIUM	FINE	VERY FINE
CODES						
100 x 50 x 19,1	4" x 2" x 3/4"	5	RLSM4050TTCOA	RLSM4050TT-MED	RLSM4050TTFIN	RLSM4050TTVFN
100 x 100 x 19,1	4" x 2" x 3/4"	5	RLSM4100TTCOA	RLSM4100TT-MED	RLSM4100TTFIN	RLSM4100TTVFN

Business sectors

- Carpentry
- Welding
- Foundry
- Rail industry
- Pipes
- Shipyards
- Offshores
- Sheet metal work

Features

Flexible aluminum oxide cloth and non-woven on resin flanges.
Polishing-finishing of cross scratches.
A full range of grits and dimensions, enabling to get all kind of surface finish.



VELCRO PAPER SANDING DISCS

DIMENSIONS (D) (mm)/(inch)	Application	Perforations	GRIT							
			40		60		80		120	
			CODE		CODE		CODE		CODE	

115 (4 1/2")		0	DVC2A0040M	50	DVC2A0060M	50	DVC2A0080M	100	DVC2A0120M	100
		8	DVC2A0048M	50	DVC2A0068M	50	DVC2A0088M	100	DVC2A0128M	100
		0	DVC2A0040V	50	DVC2A0060V	50	DVC2A0080V	100	DVC2A0120V	100
		8	DVC2A0048V	50	DVC2A0068V	50	DVC2A0088V	100	DVC2A0128V	100

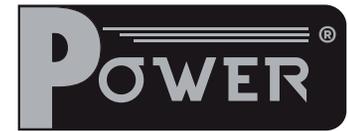
125 (5")		0	DVC5A0040M	50	DVC5A0060M	50	DVC5A0080M	100	DVC5A0150M	100
		8	DVC5A0048M	50	DVC5A0068M	50	DVC5A0088M	100	DVC5A0158M	100
		0	DVC5A0040V	50	DVC5A0060V	50	DVC5A0080V	100	DVC5A0150V	100
		8	DVC5A0048V	50	DVC5A0068V	50	DVC5A0088V	100	DVC5A0158V	100
		0	DVF5A0040V	50	DVF5A0060V	50	DVF5A0080V	50	DVF5A0150V	100
		8	DVF5A0048V	50	DVF5A0068V	50	DVF5A0088V	50	DVF5A0158V	100
		0	DVF5Z0040V	50	DVF5Z0060V	50	DVF5Z0080V	50	DVF5Z0150V	100
		8	DVF5Z0048V	50	DVF5Z0068V	50	DVF5Z0088V	50	DVF5Z0158V	100

150 (6")		0	DVC6A0040M	50	DVC6A0060M	50	DVC6A0080M	100	DVC6A0150M	100
		6	DVC6A0046M	50	DVC6A0066M	50	DVC6A0066M	100	DVC6A0156M	100
		9	DVC6A0049M	50	DVC6A0069M	50	DVC6A0089M	100	DVC6A0159M	100
		0	DVC6A0040V	50	DVC6A0060V	50	DVC6A0080V	100	DVC6A0150V	100
		6	DVC6A0046V	50	DVC6A0066V	50	DVC6A0086V	100	DVC6A0156V	100
		9	DVC6A0049V	50	DVC6A0069V	50	DVC6A0089V	100	DVC6A0159V	100
		0	DVF6A0040V	50	DVF6A0060V	50	DVF6A0080V	50	DVF6A0150V	100
		6	DVF6A0046V	50	DVF6A0066V	50	DVF6A0086V	50	DVF6A0156V	100
		9	DVF6A0049V	50	DVF6A0069V	50	DVF6A0089V	50	DVF6A0159V	100
		0	DVF6Z0040V	50	DVF6Z0060V	50	DVF6Z0080V	50	DVF6Z0150V	100
		6	DVF6Z0046V	50	DVF6Z0066V	50	DVF6Z0086V	50	DVF6Z0156V	100
		9	DVF6Z0049V	50	DVF6Z0069V	50	DVF6Z0089V	50	DVF6Z0159V	100

PRODUCT CHOICE GUIDE	CAM	Backing: Aluminium oxide on antistatic backing, resin bonded, semi-open distribution, backing weight E Business sectors: Hardware shops, tooling, paint shop. Applications: wood, plastic, leather, metal.
	CAV	Backing: Aluminium oxide on antistatic backing, resin bonded, open distribution, backing weight C Business sectors: Car-body industry, paint shop Applications: Wood, plastic, leather, metal.
	FAV	Backing: Aluminium oxide on polyester backing, reinforced resin bond, open distribution, backing weight C Business sectors: Car-body industry, paint shop Applications: Wood, metal, paint / putty.
	FZV	Backing: Zirconium oxide (coarse grits) on polyester backing and Ceramised Aluminium oxide (fine grits), reinforced resin bond, open distribution, backing: weight C Business sectors: Car-body industry, hardware shops, tooling, paint shop. Applications: Metal, stainless steel, paint / putty.



Dim x fixation	Perforations	Codes	
115 x 5/16"	8 holes	DIVPC6602	1
125 x 5/16"	8+1 holes	DIVPD6601	1



DV

VELCRO PAPER SANDING DISCS

DIMENSIONS (D)	Application	Perforations	GRIT							
			180		220		240		320	
(mm)/ (inch)			CODE		CODE		CODE		CODE	

115 (4 1/2")		0	DVC2A0180M	100	DVC2A0220M	100	DVC2A0240M	100	DVC2A0320M	100
		8	DVC2A0188M	100	DVC2A0228M	100	DVC2A0248M	100	DVC2A0328M	100
		0	DVC2A0180V	100	DVC2A0220V	100	DVC2A0240V	100	DVC2A0320V	100
		8	DVC2A0188V	100	DVC2A0228V	100	DVC2A0248V	100	DVC2A0328V	100

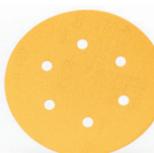
125 (5")		0	DVC5A0180M	100	DVC5A0220M	100	DVC5A0240M	100	DVC5A0320M	100
		8	DVC5A0188M	100	DVC5A0228M	100	DVC5A0248M	100	DVC5A0328M	100
		0	DVC5A0180V	100	DVC5A0220V	100	DVC5A0240V	100	DVC5A0320V	100
		8	DVC5A0188V	100	DVC5A0228V	100	DVC5A0248V	100	DVC5A0328V	100
		0	DVF5A0180V	100	DVF5A0220V	100	DVF5A0240V	100	DVF5A0320V	100
		8	DVF5A0188V	100	DVF5A0228V	100	DVF5A0248V	100	DVF5A0328V	100
		0	DVF5Z0180V	100	DVF5Z0220V	100	DVF5Z0240V	100	DVF5Z0320V	100
		8	DVF5Z0188V	100	DVF5Z0228V	100	DVF5Z0248V	100	DVF5Z0328V	100

150 (6")		0	DVC6A0180M	100	DVC6A0220M	100	DVC6A0240M	100	DVC6A0320M	100
		6	DVC6A0186M	100	DVC6A0226M	100	DVC6A0246M	100	DVC6A0326M	100
		9	DVC6A0189M	100	DVC6A0229M	100	DVC6A0249M	100	DVC6A0329M	100
		0	DVC6A0180V	100	DVC6A0220V	100	DVC6A0240V	100	DVC6A0320V	100
		6	DVC6A0186V	100	DVC6A0226V	100	DVC6A0246V	100	DVC6A0326V	100
		9	DVC6A0189V	100	DVC6A0229V	100	DVC6A0249V	100	DVC6A0329V	100
		0	DVF6A0180V	100	DVF6A0220V	100	DVF6A0240V	100	DVF6A0320V	100
		6	DVF6A0186V	100	DVF6A0226V	100	DVF6A0246V	100	DVF6A0326V	100
		9	DVF6A0189V	100	DVF6A0229V	100	DVF6A0249V	100	DVF6A0329V	100
		0	DVF6Z0180V	100	DVF6Z0220V	100	DVF6Z0240V	100	DVF6Z0320V	100
		6	DVF6Z0186V	100	DVF6Z0226V	100	DVF6Z0246V	100	DVF6Z0326V	100
		9	DVF6Z0189V	100	DVF6Z0229V	100	DVF6Z0249V	100	DVF6Z0329V	100

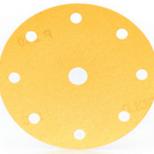
No Bore



6 bores



9 bores



CAM

CAV

FAV

FZV

HIGH DENSITY UNITIZED POLISHING COMPACT DISCS

ABRASIVE	GRIT	HARDNESS	Dimensions (D x H x b)			Dimensions (D x H x b)			
			(mm)	(inch)	CODE	(mm)	(inch)	CODE	
A = Aluminium oxide	Very Fine	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2AVFNS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5AVFNS	5
		H			DUC2AVFNH			DUC5AVFNH	5
	Fine	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2AVFINS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5AVFINS	5
		H			DUC2AVFINH			DUC5AVFINH	5
	Medium	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2AMEDS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5AMEDS	5
		H			DUC2AMEDH			DUC5AMEDH	5
	Coarse	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2ACOAS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5ACOAS	5
		H			DUC2ACOAH			DUC5ACOAH	5
C = Silicon Carbide	Very Fine	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2CVFNS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5CVFNS	5
		H			DUC2CVFNH			DUC5CVFNH	5
	Fine	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2CFINS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5CFINS	5
		S			DUC2CFINH			DUC5CFINH	5
	Medium	S	115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DUC2CMEDS	125 x 15 x 22,23	5" x 19/32 x 7/8"	DUC5CMEDS	5
		H			DUC2CMEDH			DUC5CMEDH	5

Features:

The disc is manufactured by the compression of several layers of non woven abrasive on special resin and glued on a fibreglass backing.

Applications:

It suited for any kind of sanding such as finishing, cleaning and micro sanding. Its key features are long life resistance to tearing.



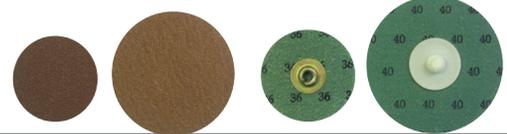
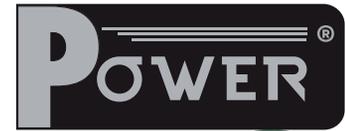
DISCS FOR PICKLING

Dimensions (D x H x b)		CODE	
(mm)	(inch)		
115 x 15 x 22,23	4 1/2" x 19/32 x 7/8"	DEC 2	5
180 X 15 X 22,23	7 X 19/32 X 7/8"	DEC 7	5



Discs made of a nylon threads mesh bonded with resin to abrasive. It is for the mechanical pickling of all kinds of weld bead and for the removal of paints, saltiness, rust and grease.

DQM-DQF



QUICK CHANGE DISCS

DIMENSIONS (D)		GRIT		CODE	CODE
(mm)	(inch)				
ALUMINIUM OXYDE					
General sanding and polishing on steel					
38	1 1/2"	A040	100	DQM38A040	DQF38A040
38	1 1/2"	A060	100	DQM38A060	DQF38A060
38	1 1/2"	A080	100	DQM38A080	DQF38A080
38	1 1/2"	A120	100	DQM38A120	DQF38A120
51	2"	A040	100	DQM51A040	DQF51A040
51	2"	A060	100	DQM51A060	DQF51A060
51	2"	A080	100	DQM51A080	DQF51A080
51	2"	A120	100	DQM51A120	DQF51A120
76	3"	A040	100	DQM76A040	DQF76A040
76	3"	A060	100	DQM76A060	DQF76A060
76	3"	A080	100	DQM76A080	DQF76A080
76	3"	A120	100	DQM76A120	DQF76A120
ZIRCONIUM OXIDE					
Sanding and polishing on Stainless steel					
38	1 1/2"	Z040	100	DQM38Z040	DQF38Z040
38	1 1/2"	Z060	100	DQM38Z060	DQF38Z060
38	1 1/2"	Z080	100	DQM38Z080	DQF38Z080
38	1 1/2"	Z120	100	DQM38Z120	DQF38Z120
51	2"	Z036	100	DQM51A040	DQF51Z040
51	2"	Z060	100	DQM51Z060	DQF51Z060
51	2"	Z080	100	DQM51Z080	DQF51Z080
51	2"	Z120	100	DQM51Z120	DQF51Z120
76	3"	Z036	100	DQM76Z040	DQF76Z040
76	3"	Z060	100	DQM76Z060	DQF76Z060
76	3"	Z080	100	DQM76Z080	DQF76Z080
76	3"	Z120	100	DQM76Z120	DQF76Z120



SUPPORTS

Business sectors

- Carpentry
- Welding
- Foundry
- Rail industry
- Pipes
- Shipyards
- Offshores
- Sheet metal work

Features

- Abrasive on vulcanized fibre.
- General purpose on steel and ferrous metal.
- High efficiency on steels and stainless steels.

DIMENSIONS (D)			CODE	CODE
(mm)	(inch)			
38	1 1/2"	1	DQM38SUP	DQF38SUP
51	2"	1	DQM51SUP	DQF51SUP
76	3"	1	DQM76SUP	DQF76SUP

BELTS

TLXGR

Abrasive on poly-cotton cloth
JR joint

Aluminium Oxide, suited for wood, metal and steel.

Width x Length (mm)	GRITS					
	40	60	80	100	120	
	CODE					

For hand-held machines or surface machines						
60 x 400	BA0600400A040JR	BA0600400A060JR	BA0600400A080JR	BA0600400A100JR	BA0600400A120JR	10
65 x 410	BA0650410A040JR	BA0650410A060JR	BA0650410A080JR	BA0650410A100JR	BA0650410A120JR	10
75 x 457	BA0750457A040JR	BA0750457A060JR	BA0750457A080JR	BA0750457A100JR	BA0750457A120JR	10
75 x 480	BA0750480A040JR	BA0750480A060JR	BA0750480A080JR	BA0750480A100JR	BA0750480A120JR	10
75 x 510	BA0750510A040JR	BA0750510A060JR	BA0750510A080JR	BA0750510A100JR	BA0750510A120JR	10
75 x 533	BA0750533A040JR	BA0750533A060JR	BA0750533A080JR	BA0750533A100JR	BA0750533A120JR	10
75 x 610	BA0750610A040JR	BA0750610A060JR	BA0750610A080JR	BA0750610A100JR	BA0750610A120JR	10
100 x 560	BA1000560A040JR	BA1000560A060JR	BA1000560A080JR	BA1000560A100JR	BA1000560A120JR	10
100 x 610	BA1000610A040JR	BA1000610A060JR	BA1000610A080JR	BA1000610A100JR	BA1000610A120JR	10
100 x 620	BA1000620A040JR	BA1000620A060JR	BA1000620A080JR	BA1000620A100JR	BA1000620A120JR	10
For bench machines						
50 x 2000	BA0502000A040JR	BA0502000A060JR	BA0502000A080JR	BA0502000A100JR	BA0502000A120JR	10
50 x 2500	BA0502500A040JR	BA0502500A060JR	BA0502500A080JR	BA0502500A100JR	BA0502500A120JR	10
50 x 3000	BA0503000A040JR	BA0503000A060JR	BA0503000A080JR	BA0503000A100JR	BA0503000A120JR	10
75 x 2000	BA0752000A040JR	BA0752000A060JR	BA0752000A080JR	BA0752000A100JR	BA0752000A120JR	10
75 x 2500	BA0752500A040JR	BA0752500A060JR	BA0752500A080JR	BA0752500A100JR	BA0752500A120JR	10
100 x 1000	BA1001000A040JR	BA1001000A060JR	BA1001000A080JR	BA1001000A100JR	BA1001000A120JR	10
120 x 1500	BA1201500A040JR	BA1201500A060JR	BA1201500A080JR	BA1201500A100JR	BA1201500A120JR	10

Sectors

Hardware shops, Tooling, Paint shop.

Applications

Wood, Metal, Stainless Steel

TYZ

Polyester cloth for hard work
JR joint

Zirconium abrasive, polyester cloth backing, suited for particularly hard work

Width x Length (mm)	GRITS					
	40	60	80	100	120	
	CODE					

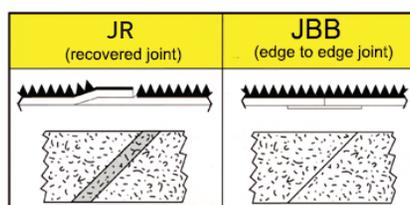
For hand-held machines						
10 x 330	BA0100330Z040JR	BA0100330Z060JR	BA0100330Z080JR	BA0100330Z100JR	BA0100330Z120JR	50
20 x 520	BA0200520Z040JR	BA0200520Z060JR	BA0200520Z080JR	BA0200520Z100JR	BA0200520Z120JR	50
For bench machines						
75 x 2000	BA0752000Z040JR	BA0752000Z060JR	BA0752000Z080JR	BA0752000Z100JR	BA0752000Z120JR	10
100 x 1000	BA1001000Z040JR	BA1001000Z060JR	BA1001000Z080JR	BA1001000Z100JR	BA1001000Z120JR	10
120 x 1500	BA1201500Z040JR	BA1201500Z060JR	BA1201500Z080JR	BA1201500Z100JR	BA1201500Z120JR	10

Sectors

Car-body industry, Hardware shops, Tooling.

Applications

Wood, Metal, Stainless Steel





DIAMOND TOOLS

DIAMOND DISCS

DIAMOND GRINDING CUP WHEELS

CORE DRILLING MACHINES

POWER DIAMOND TOOLS

Drawing on its long-lasting experience in the abrasives industry the MABTOOLS group has widened its product range once again. The Power line is a wide range of diamond tools designed to meet the vast demands of professionals working on materials such as cement, asphalt, granite, and ceramics. The Power range of diamond tools includes diamond discs, diamond core bits, and diamond grinding cup wheels.



POWER DIAMOND DISCS

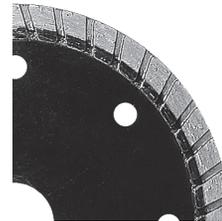
Power diamond discs are extremely versatile and are manufactured with the best techniques which are ideal for the building industry.

These discs are especially noted for the characteristics of their diamond segments which have been designed for specific applications.

The segments are laser-welded to the steel core through heating from a laser device. The turbo and smooth continuous rim discs are oven-welded to the steel core. This process is used instead of laser device process to ensure superior quality..



**LASER
WELDED
SEGMENTS**



**TURBO
RIM**



**CONTINUOUS
RIM**

DIAMOND GRINDING CUP WHEELS

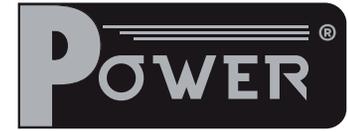
Cup wheels are generally used in the building industry to polish and remove cement. These wheels are also used to remove unwanted glue and other residues adhering to surfaces. The individual segments arranged on separate twin rims provide greater durability and improved efficiency and effectiveness. The segments are braze-welded to the wheel core using a silver-based wire welding process. These diamond cup wheels can be used for both dry and wet applications.



POWER DIAMOND CORE BITS

Diamond core bits are designed for all plumbing, piping installation, and HVAC applications where coring reinforced concrete is required. These products are supplied on a 450mm cylindrical tube and 1-1/4 UNC or standard BR 1/2 connection ends. The segments are welded to the rim using a silver-based wire method. The diamond core bits are only to be used for wet cutting.





PRODUCT SELECTION AND SAFETY

MABTOOLS designs and manufactures high-quality tools adhering to the highest safety standards in the industry. Together with other manufacturers MABTOOLS works in compliance with the strictest international standards monitoring the quality and safety of its products at all times. For this reason MABTOOLS discs bear the exclusive OSA markings. This organization is an independent body that checks and certifies only those products that have been manufactured in compliance with European norms and meets EU quality standards. MABTOOLS diamond tools are manufactured in accordance with the EN13236 standard and each individual product is identified by a batch number to ensure traceability. In order to select the safest and most appropriate product to obtain the best results in your working conditions please consider the following criteria: the type of material being ground, features and power of the machine

being used, and the operation that needs to be carried out.

Choosing the most appropriate disc :

If you need to cut a variety of materials and you don't have specific finishing requirements choosing a universal or multipurpose disc would be best for your application. If you mainly cut a single material choose a special disc specifically designed for the material you need to cut. The product selection tables provided allow you to select the most appropriate disc for your application by machine type. Diamond tools operate at high speeds and often operate in conditions that are continually changing. This requires that safety precautions are always followed.

All MABTOOLS products are provided with OSA approved with clear and intuitive graphical instructions printed on the disc itself.

RECOMMANDATIONS AND PRATICAL ADVICE

DIAMOND DISCS AND CUP WHEELS

- Observe the safety rules indicated by the pictograms, as described in the following table.
- Use the appropriate rotation speed and never exceed the maximum speed indicated on the disc.
- Ensure that the arrow printed on the disc matches the actual direction of rotation of the machine.
- Never use the disc for operations other than those explicitly indicated.
- Ensure that products specified for wet cutting only are never used dry.
- Clean the flanges before installation.
- Select the appropriate disc based on the material to be cut and the machine tool used, checking also the size of the arbour.
- Always cut in a straight line, keeping the appropriate disc angle to prevent the disc from breaking and/or the detachment of segments.
- When mounting the disc, ensure that it is correctly centred on the machine arbour (max. deviation 0.15 mm) to prevent early wear and detachment of segments.
- Ensure that all components are mounted correctly and use materials in good conditions.
- Do not apply additional pressure. The weight of the machine is sufficient.
- For harder materials, it is advisable to execute the cut by performing a slight swinging action with the tool in the direction of the cut.
- If the disc loses its cutting power, sharpen it by performing a few cuts on a suitable abrasive material.
- Handle the products with care and keep them in a dry location without significant temperature changes.
- Let the disc cool properly. Stop for 10 seconds every 2 minutes.

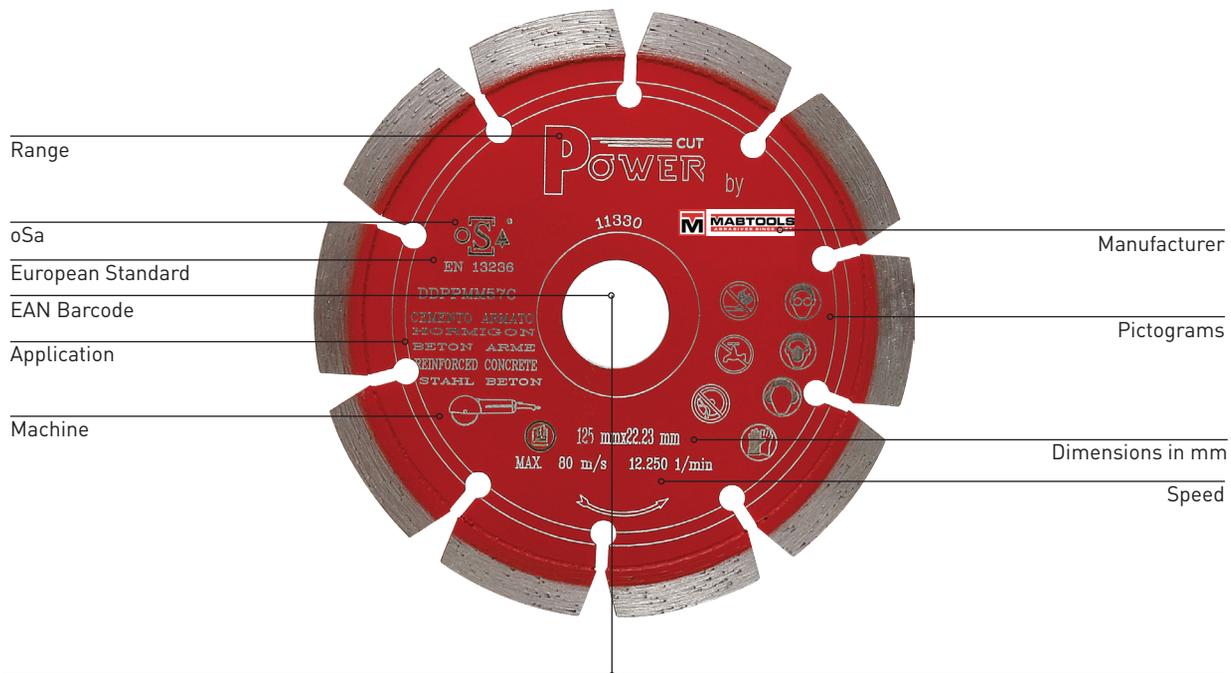
DIAMOND CORE BITS

- Select the product based on the material and the machine. Always ensure that the core bit is properly installed and secured.
- If the core bit loses its cutting power, sharpen it by coring a suitable abrasive material or redress the bit with a tool dresser.
- Core bits must be used only on electrical portable or stationary corers and only for wet cutting. Ensure that an abundant flow of water is provided on the cutting face.
- Never exceed the stated speed of rotation.
- Never use the product for operations other than those explicitly indicated.
- Ensure that products specified for wet cutting only are never used dry.
- Do not use on wood, plastic or fibrous materials.
- Use a motor with mechanical or electronic gearing and fixed stand.
- For core bits with diameter from 42 to 127 mm, use a 1600 to 200 W, variable speed, no-hammer coring tool.
- For core bits with diameter from 132 to 200 mm, use a coring tool with power over 3000 W.
- Check that the machine stands are properly secured and fastened to prevent oscillations.
- To ensure safety and prevent dangerous accidents, the chuck must be perfectly centred and aligned.
- For a better performance during coring, and if the bit should enter in contact with significant steel reinforcements or grid irons, reduce the rotation speed and increase the pressure on the bit. This will allow the diamond contained in the segments to be released and surface.
- After use, ensure that the bit is empty and no cement core residues are left inside it. If necessary, gently tap the bit with an iron bar, keeping it vertically, and let the core residues fall by the action of gravity and water pressure.
- Ensure that the piece is properly mounted and in good conditions.
- Handle and store the products with care and keep them in a dry location without significant temperature changes.

DIAMOND DISCS

HOW TO READ MARKINGS AND SPEED

The diamond discs of the POWER range are marked in compliance with standards EN13236 and "oSa" recommendations.

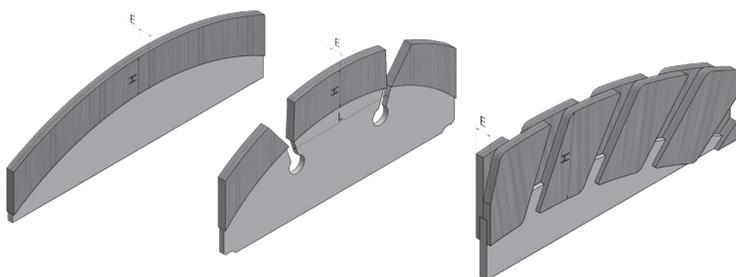


THE CODE

DD P PMT 5 7 C

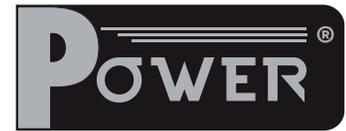
FAMILY	SUBFAMILY	RANGE	DIAMETER	BORE	APPLICATION
DD Diamond Discs	P Diameter up to 230mm	PMT Power	2 115 mm	2 20 mm 7 22,23 mm 1 25,4 mm	A B C G K L M P T Y Z
	X Diameter over 230mm		5 125 mm 7 180 mm 9 230 mm 2 300 mm 4 350 mm		

SEGMENT SIZE



COLOR CODE FOR APPLICATION

A	Asphalt
B	Old concrete
C	Reinforced concrete, general purpose
G	Granite
K	Steel, concrete, asphalt
L	Slitting and chasing disc with aligned segments
M	Concrete, asphalt
P	Concrete, stone
T	Slitting and chasing disc with alternating segments
Y	Steel, cast iron
Z	Tiles, ceramic



PORTABLE GRINDERS



DIAMOND DISCS APPLICATIONS

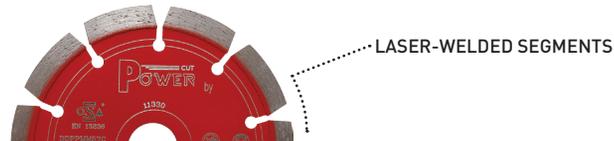
Application:	C Reinforced concrete	G Granite	K Steel concrete, asphalt	L Slitting and chasing disc with aligned segments	P Concrete, stone	T Slitting and chasing disc with alternating segments	Y Steel, cast iron	Z Tiles, ceramic
Asphalt			♦♦					
Breeze/Cinder blocks	♦♦		♦♦		♦			
Bricks	♦♦		♦♦					
Cellular concrete	♦♦		♦♦♦♦				♦♦	
Ceramics					♦♦			♦♦♦♦
Clay roof tile								♦♦
Concrete curbs	♦	♦♦♦	♦♦♦♦		♦♦		♦	
Concrete pipe	♦♦♦♦		♦♦♦♦		♦♦			
Concrete roof tile	♦♦		♦♦♦♦		♦♦			
Fire bricks, stone			♦♦		♦♦			
Fresh concrete	♦♦		♦♦				♦	
Granite (hard materials, silica)		♦♦♦♦					♦	
Granite curbs		♦♦♦♦			♦♦		♦	
Gres pipe	♦♦♦♦		♦♦♦♦		♦♦			
Hollow blocks	♦♦		♦♦♦♦					
Interlocking concrete blocks	♦♦		♦♦♦♦		♦♦			
Malleable iron			♦♦				♦♦♦♦	
Marble								♦
Old heavily reinforced concrete		♦♦	♦♦♦♦				♦	
Old reinforced concrete	♦♦♦♦		♦♦♦♦		♦♦		♦	
Porphyry		♦♦						
Quartz		♦♦			♦♦			
Schist		♦♦						
Slate					♦♦			♦♦
Steel			♦♦♦♦				♦♦♦♦	
Tiles					♦♦			♦♦♦♦
Wall chasing				♦♦		♦♦		
Washed gravel	♦♦	♦♦♦	♦♦♦♦		♦♦			

♦ Occasional use: Short periods or short cuts
 ♦♦ Suitable: Good performance
 ♦♦♦ Recommended: High performance and high cutting speeds

DIAMOND CUTTING DISCS

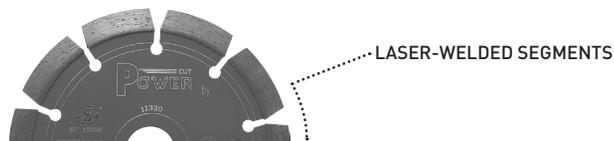


REINFORCED CONCRETE



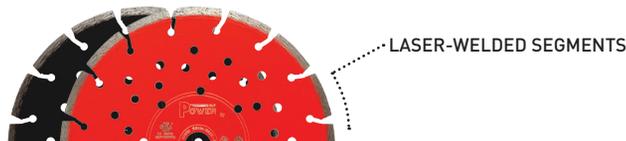
CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDPPMT27C	115 x 22,23	4 ^{1/2} x 7/8	9	32 x 2,2 x 10	1 ^{1/4} x 3/32 x 3/8	1
DDPPMT57C	125 x 22,23	5 x 7/8	10	32 x 2,2 x 10	1 ^{1/4} x 3/32 x 3/8	1
DDPPMT97C	230 x 22,23	9 x 7/8	16	38 x 2,4 x 10	1 ^{1/2} x 3/32 x 3/8	1

GRANITE



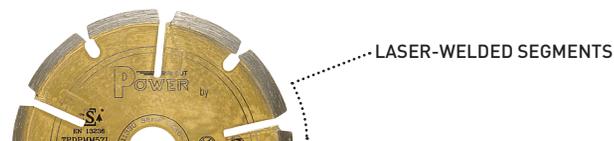
CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDPPMT57G	125 x 22,23	5 x 7/8	10	32 x 2,2 x 10	1 ^{1/4} x 3/32 x 3/8	1
DDPPMT97G	230 x 22,23	9 x 7/8	16	38 x 2,5 x 10	1 ^{1/2} x 3/32 x 3/8	1

STEEL CONCRETE, ASPHALT



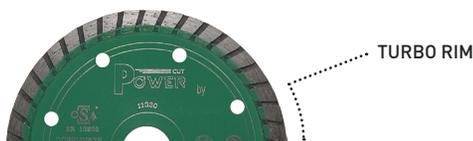
CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDPPMT97K	230 x 22,23	9 x 7/8	16	38 x 2,5 x 10	1 ^{1/2} x 3/32 x 3/8	1

SLITTING AND CHASING DISC

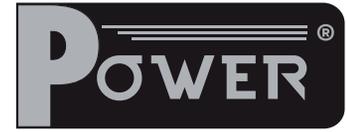


CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
TPDPMT27L	115 x 22,23	4 ^{1/2} x 7/8	9	32 x 6,4 x 6,4	1 ^{1/4} x 1/4 x 1/4	1
TPDPMT57L	125 x 22,23	5 x 7/8	10	32 x 6,4 x 6,4	1 ^{1/4} x 1/4 x 1/4	1

CONCRETE, STONE



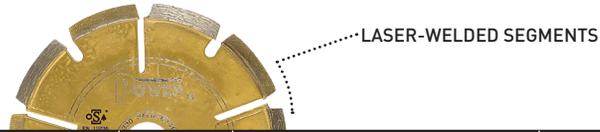
CODE	DIMENSIONS (D x b)		RIM SIZE (LxTxH)		
	mm	inches	mm	inches	
DDPPMT27P	115 x 22,23	4 ^{1/2} x 7/8	2,0 x 10	5/64 x 3/8	1
DDPPMT57P	125 x 22,23	5 x 7/8	2,0 x 10	5/64 x 3/8	1
DDPPMT97P	230 x 22,23	9 x 7/8	2,6 x 10	7/64 x 3/8	1



DIAMOND DISCS OF CUTTING INTO SECTIONS

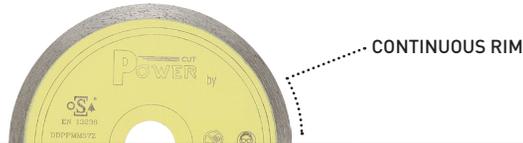


SLITTING AND CHASING DISC



CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
TPDPMT27T	115 x 22,23	4 1/2 x 7/8	9	32 x 6,4 x 6,4	1 1/4 x 1/4 x 1/4	1
TPDPMT57T	125 x 22,23	5 x 7/8	10	32 x 8 x 7	1 1/4 x 5/16 x 9/32	1

TILES, CERAMIC



CODE	DIMENSIONS (D x b)		RIM SIZE (TxH)		
	mm	inches	mm	inches	
DDPPMT27Z	115 x 22,23	4 1/2 x 7/8	1,6 x 7	1/16 x 9/32	1
DDPPMT57Z	115 x 22,23	5 x 7/8	1,6 x 7	1/16 x 9/32	1

DIAMOND GRINDING CUP WHEELS

CONCRETE SMOOTHING

Double rim

CODE	DIMENSIONS ((D x b))		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DCPPMT57C	125 x 22,23	5 x 7/8	10	30 x 7 x 5	1 3/16 x 9/32 x 3/16	1
			10	20 x 7 x 5	3/4 x 9/32 x 3/16	
DCPPMT77C	180 x 22,23	7 x 7/8	12	37 x 8 x 5	1 7/16 x 5/16 x 3/16	1
			12	30 x 8 x 5	1 3/16 x 5/16 x 3/16	



FLANGES

CODE	DIAMETER		TYPE	
	mm	inches		
DDS5M	125 x 22,23	5 x 7/8"	M14	1
DDS9M	230 x 22,23	9 x 7/8"	M14	1
DDS97	230 x 22,23	9 x 7/8"	-	1



CUT-OFF SAWS



DIAMOND DISCS APPLICATIONS

Application:	A Asphalt	B Old concrete	G Granite	K Steel, concrete asphalt	M Cemento asfalto	P Concrete, stone	Y Steel, cast iron
Asphalt	♦♦♦♦			♦♦♦♦	♦♦♦♦♦		
Breeze/Cinder blocks	♦♦♦	♦♦♦		♦♦♦	♦♦♦♦♦	♦	
Bricks				♦♦♦		♦♦♦	
Cellular concrete				♦♦♦♦	♦♦♦		♦♦♦
Clay roof tile			♦♦♦				
Concrete curbs		♦♦♦		♦♦♦♦	♦♦♦	♦♦♦♦♦	♦
Concrete pipe		♦♦♦		♦♦♦♦		♦♦♦♦	
Concrete roof tile		♦♦♦		♦♦♦♦		♦♦♦♦	
Fire bricks, stone			♦♦♦♦	♦♦♦		♦♦♦	
Fresh concrete	♦♦♦			♦♦♦	♦♦♦♦♦	♦♦♦	♦
Gres pipe		♦♦♦		♦♦♦♦		♦♦♦♦	
Granite (hard materials, silica)			♦♦♦♦			♦♦♦♦	♦
Granite curbs			♦♦♦♦			♦♦♦♦	♦
Hollow blocks		♦♦♦		♦♦♦♦	♦♦♦	♦♦♦	
Interlocking concrete blocks		♦♦♦		♦♦♦♦	♦♦♦	♦♦♦	
Malleable iron				♦♦♦			♦♦♦♦
Old heavily reinforced concrete			♦♦♦♦	♦♦♦♦			♦
Old reinforced concrete		♦♦♦		♦♦♦♦	♦♦♦	♦♦♦	♦
Porphyry			♦♦♦				
Quartz			♦♦♦			♦♦♦♦	
Schist			♦♦♦				
Slate						♦♦♦♦	
Steel				♦♦♦♦			♦♦♦♦
Washed gravel		♦♦♦	♦♦♦	♦♦♦♦		♦♦♦♦	

- ♦ Occasional use: Short periods or short cuts
- ♦♦ Suitable: Good performance
- ♦♦♦ Recommended: High performance and high cutting speeds

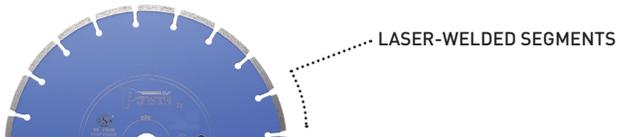
DIAMOND CUTTING DISCS

ASPHALT



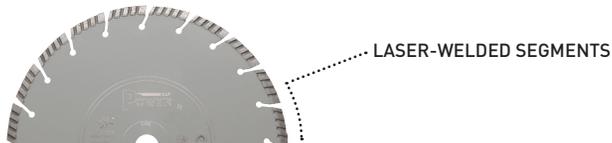
CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22A	300 x 20	12 x 25/32"	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT27A	300 x 22,23	12 x 7/8"	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT21A	300 x 25,40	12 x 1"	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT42A	350 x 20	14 x 25/32"	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT47A	350 x 22,23	14 x 7/8"	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT41A	350 x 25,40	14 x 1"	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1

OLD CONCRETE



CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22B	300 x 20	12 x 25/32"	20	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT27B	300 x 22,23	12 x 7/8"	20	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT21B	300 x 25,40	12 x 1"	20	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT42B	350 x 20	14 x 25/32"	24	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT47B	350 x 22,23	14 x 7/8"	24	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT41B	350 x 25,40	14 x 1"	24	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1

GRANITE



CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22G	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27G	300 x 22,23	12 x 7/8"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21G	300 x 25,40	12 x 1"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42G	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47G	350 x 22,23	14 x 7/8"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41G	350 x 25,40	14 x 1"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1

DIAMOND DISCS OF CUTTING INTO SECTIONS


REINFORCED CONCRETE
ASPHALT


LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22K	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27K	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21K	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42K	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47K	350 x 22,23	14 x 7/8	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41K	350 x 25,40	14 x 1	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1

CONCRETE
ASPHALT

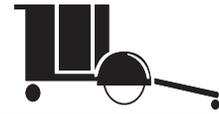
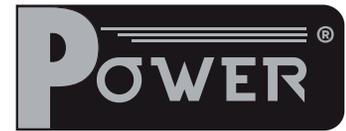

LASER WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22M	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27M	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21M	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42M	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47M	350 x 22,23	14 x 7/8	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41M	350 x 25,40	14 x 1	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1

CONCRETE, STONE


TURBO RIM

CODE	DIMENSIONS (D x b)		RIM SIZE (TxH)		
	mm	inches	mm	inches	
DDXPMT22P	300 x 20	12 x 25/32"	3,2 x 10	1/8 x 3/8	1
DDXPMT27P	300 x 22,23	12 x 7/8	3,2 x 10	1/8 x 3/8	1
DDXPMT21P	300 x 25,40	12 x 1	3,2 x 10	1/8 x 3/8	1
DDXPMT42P	350 x 20	14 x 25/32"	3,2 x 10	1/8 x 3/8	1
DDXPMT47P	350 x 22,23	14 x 7/8	3,2 x 10	1/8 x 3/8	1
DDXPMT41P	350 x 25,40	14 x 1	3,2 x 10	1/8 x 3/8	1

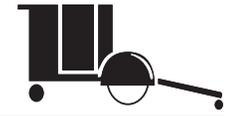


JOINT CUTTING MACHINES

DIAMOND DISCS APPLICATIONS

Application:	A Asphalt	B Old concrete	K Steel, concrete Asphalt	M Concrete Asphalt
Asphalt	◆◆◆		◆◆	◆◆◆◆
Breeze/Cinder blocks	◆◆	◆◆◆	◆◆◆	◆◆◆◆
Bricks			◆◆	
Cellular concrete			◆◆◆◆	◆◆◆
Concrete curbs		◆◆◆	◆◆◆◆	◆◆◆
Concrete pipe		◆◆◆	◆◆◆◆	
Concrete roof tile		◆◆◆	◆◆◆◆	
Fire bricks, stone			◆◆	
Fresh concrete	◆◆		◆◆	◆◆◆◆
Gres pipe		◆◆◆	◆◆◆◆	
Hollow blocks		◆◆◆	◆◆◆◆	◆◆◆
Interlocking concrete blocks		◆◆◆	◆◆◆◆	◆◆◆
Malleable iron				
Old heavily reinforced concrete			◆◆◆◆	
Old reinforced concrete		◆◆◆	◆◆◆◆	◆◆◆
Steel			◆◆◆◆	
Washed gravel		◆◆◆	◆◆◆◆	

- ◆ Occasional use: Short periods or short cuts
- ◆◆ Suitable: Good performance
- ◆◆◆ Recommended: High performance and high cutting speeds



DIAMOND DISCS

ASPHALT



LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22A	300 x 20	12 x 25/32"	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT27A	300 x 22,23	12 x 7/8	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT21A	300 x 25,40	12 x 1	18	40 x 2,8 x 7	1"9/16 x 7/64 x 9/32	1
DDXPMT42A	350 x 20	14 x 25/32"	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT47A	350 x 22,23	14 x 7/8	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1
DDXPMT41A	350 x 25,40	14 x 1	21	40 x 3,2 x 7	1"9/16 x 1/8 x 9/32	1

OLD CONCRETE



LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22K	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27K	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21K	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42K	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47K	350 x 22,23	14 x 7/8	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41K	350 x 25,40	14 x 1	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1

STEEL, CONCRETE

ASPHALT



LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22K	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27K	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21K	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42K	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47K	350 x 22,23	14 x 7/8	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41K	350 x 25,40	14 x 1	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1

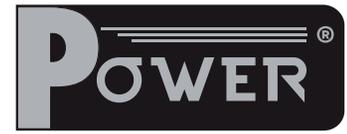
CONCRETE

ASPHALT



LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22M	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27M	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21M	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42M	350 x 20	14 x 25/32"	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT47M	350 x 22,23	14 x 7/8	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1
DDXPMT41M	350 x 25,40	14 x 1	24	40 x 3,2 x 10	1"9/16 x 1/8 x 3/8	1



MASONRY BENCH SAW MACHINES

DIAMOND DISCS APPLICATIONS

Application :	G Granite		P Concrete, stone	
	G	P	G	P
Breeze/Cinder blocks		◆		
Bricks		◆◆		
Clay roof tile	◆◆			
Concrete curbs		◆◆◆◆		
Concrete roof tile		◆◆◆◆		
Fire bricks, stone	◆◆◆◆	◆◆		
Fresh concrete		◆◆		
Granite (hard materials, silica)		◆◆		
Granite curbs	◆◆◆◆	◆◆◆◆		

Application :	G Granite		P Concrete, stone	
	G	P	G	P
Hollow blocks			◆◆	
Malleable iron	◆◆◆◆	◆◆◆◆		
Old heavily reinforced concrete	◆◆◆◆			
Old reinforced concrete			◆◆	
Porphyry	◆◆			
Quartz	◆◆	◆◆◆◆		
Schist	◆◆			
Slate			◆◆◆◆	
Washed gravel	◆◆	◆◆◆◆		

DIAMOND DISCS

GRANITE



LASER-WELDED SEGMENTS

CODE	DIMENSIONS (D x b)		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		
	mm	inches		mm	inches	
DDXPMT22G	300 x 20	12 x 25/32"	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT27G	300 x 22,23	12 x 7/8	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT21G	300 x 25,40	12 x 1	20	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT42G	350 x 20	14 x 25/32"	24	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT47G	350 x 22,23	14 x 7/8	24	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1
DDXPMT41G	350 x 25,40	14 x 1	24	40 x 2,8 x 10	1"9/16 x 7/64 x 3/8	1

CONCRETE, STONE



TURBO RIM

CODE	DIMENSIONS (D x b)		RIM SIZE (TxH)		
	mm	inches	mm	inches	
DDXPMT22P	300 x 20	12 x 25/32"	3,2 x 10	1/8 x 3/8	1
DDXPMT27P	300 x 22,23	12 x 7/8	3,2 x 10	1/8 x 3/8	1
DDXPMT21P	300 x 25,40	12 x 1	3,2 x 10	1/8 x 3/8	1
DDXPMT42P	350 x 20	14 x 25/32"	3,2 x 10	1/8 x 3/8	1
DDXPMT47P	350 x 22,23	14 x 7/8	3,2 x 10	1/8 x 3/8	1
DDXPMT41P	350 x 25,40	14 x 1	3,2 x 10	1/8 x 3/8	1



CORE DRILLING MACHINES

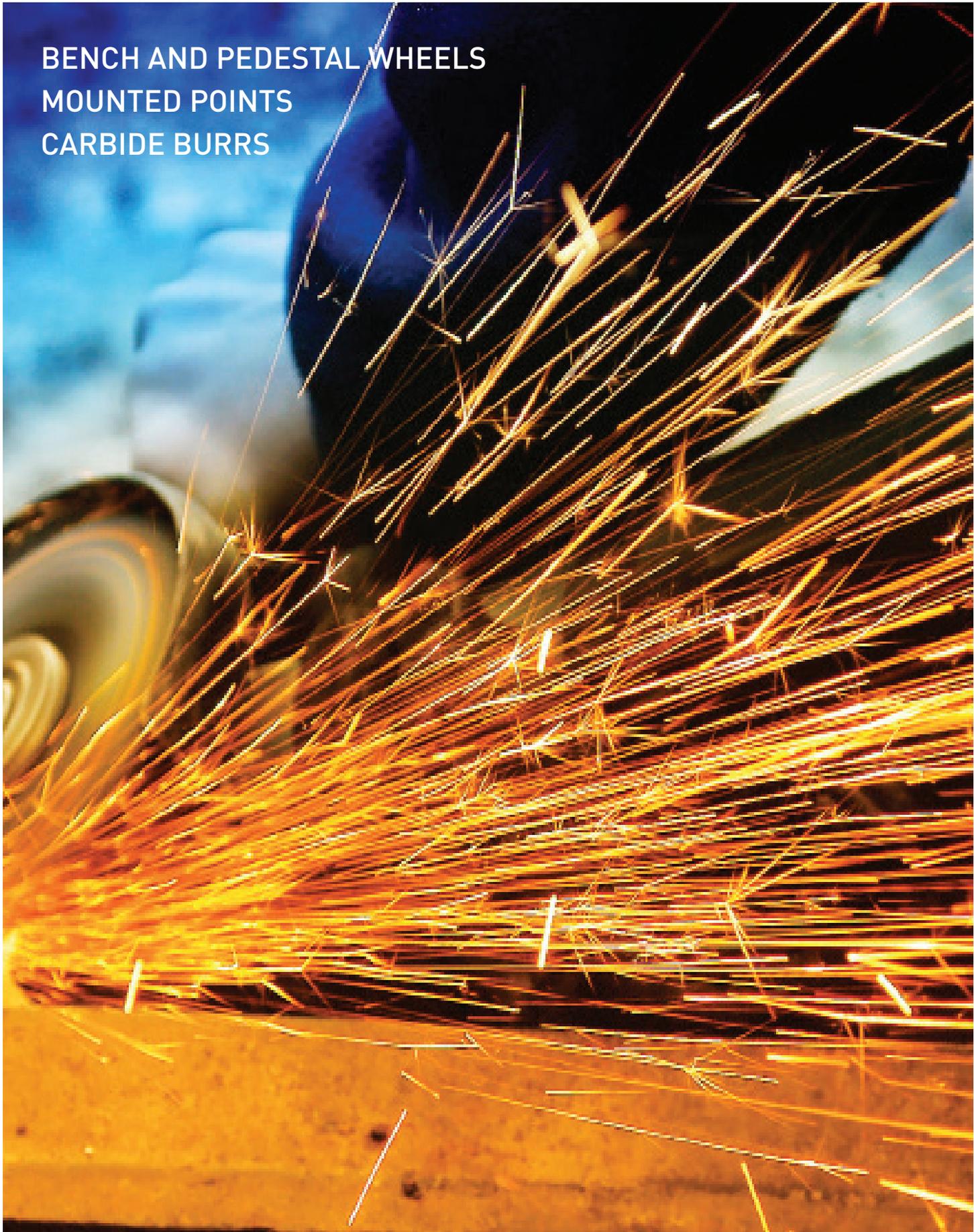
DIAMOND CORE BITS



CONCRETE

CODE	DIMENSIONS		NUMBER OF SEGMENTS	SEGMENT SIZE (LxTxH)		FITTINGS	
	(mm)	(inches)		(mm)	(inches)		
DCDPMT052QC	52 x 450	2 x 18	5	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT052GC	52 x 450	2 x 18	5	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT056QC	56 x 450	2"1/4 x 18	5	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT056GC	56 x 450	2"1/4 x 18	5	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT062QC	62 x 450	2"1/2 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT062GC	62 x 450	2"1/2 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT066QC	66 x 450	2"5/8 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT066GC	66 x 450	2"5/8 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT072QC	72 x 450	2"7/8 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT072GC	72 x 450	2"7/8 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT076QC	76 x 450	3 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT076GC	76 x 450	3 x 18	6	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT082QC	82 x 450	3"1/4 x 18	7	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT082GC	82 x 450	3"1/4 x 18	7	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT087QC	87 x 450	3"7/16 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT087GC	87 x 450	3"7/16 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT092QC	92 x 450	3"5/8 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT092GC	92 x 450	3"5/8 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT097QC	97 x 450	3"3/4 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1"1/4 UNC	1
DCDPMT097GC	97 x 450	3"3/4 x 18	8	24 x 3,5 x 8,5	1 x 1/8 x 5/16	1/2 BSP	1
DCDPMT102QC	102 x 450	4 x 18	8	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT102GC	102 x 450	4 x 18	8	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT107QC	107 x 450	4"1/4 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT107GC	107 x 450	4"1/4 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT112QC	112 x 450	4"3/8 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT112GC	112 x 450	4"3/8 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT117QC	117 x 450	4"5/8 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT117GC	117 x 450	4"5/8 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT122QC	122 x 450	4"13/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT122GC	122 x 450	4"13/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT127QC	127 x 450	5 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT127GC	127 x 450	5 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT132QC	132 x 450	5"3/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT132GC	132 x 450	5"3/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT137QC	137 x 450	5"7/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT137GC	137 x 450	5"7/16 x 18	9	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT142QC	142 x 450	5"5/8 x 18	10	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT142GC	142 x 450	5"5/8 x 18	10	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1
DCDPMT147QC	147 x 450	5"3/4 x 18	10	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1"1/4 UNC	1
DCDPMT147GC	147 x 450	5"3/4 x 18	10	24 x 4,0 x 8,5	1 x 5/32 x 5/16	1/2 BSP	1

**BENCH AND PEDESTAL WHEELS
MOUNTED POINTS
CARBIDE BURRS**



BENCH AND PEDESTAL WHEELS

Use

Boarded on bench pedestal, they allow grinding, shapping and sharpening on irons and tools.

Product range

Main range from 125 mm to 350 mm, with thickness from 16 to 50 mm, in with or grey Aluminium oxyde, silicone carbide, with grits range from 24 to 120, according to use requested.

Technicity

Standard products wheel fitted for most common works. EN 12413 Norm.

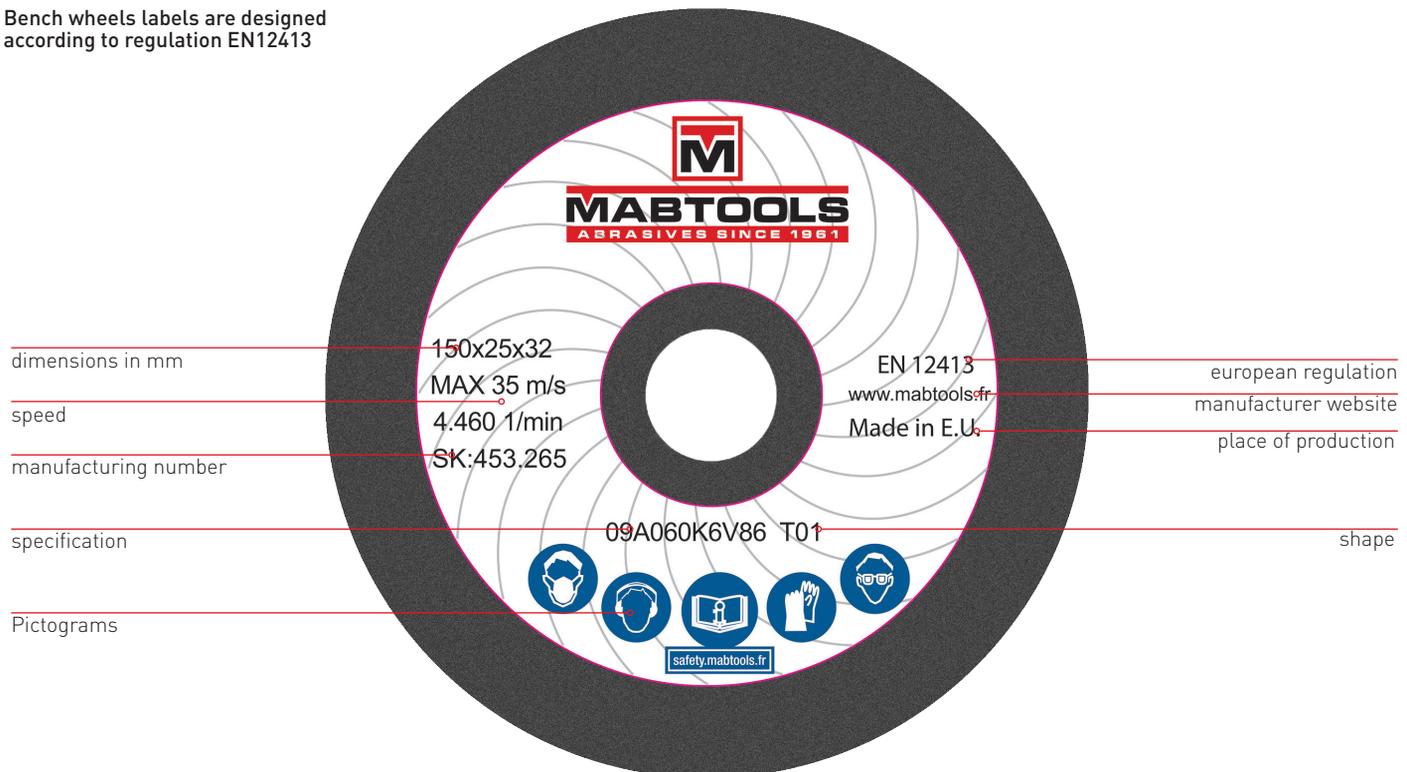
Avantages

Must have in workshop. Universal use.



HOW TO READ MARKINGS AND LABEL

Bench wheels labels are designed according to regulation EN12413



CODE

MB P 8 25 B V 080

PRODUCT	TYPE	DIAMETER	THICKNESS	BORE	COLOR	GRIT
MB Bench wheels	P until 200mm F diameters superior of 200 mm	6 150mm 8 200mm	20 20mm 25 25mm	B 32mm	B - White G - Grey V - Green	036 ↑ 060 080 ↓

BENCH AND PEDESTAL WHEELS

BENCH GRINDING WHEELS SHORT RANGE

CODE	SHAPE	DIMENSIONS (D x T x b)		SPECIFICATION
		(mm)	(inch)	

GREY ALUMINIUM OXYDE WHEELS FOR GRINDING ON CURRENT STEEL				
BENCH WHEELS -SPEED 35 m/s - MILD AND MEDIUM				
MBP620BG036	T01	150 x 20 x 32	6" x 25/32" x 1 1/4"	00A036N05V86
MBP620BG060	T01	150 x 20 x 32	6" x 25/32" x 1 1/4"	00A060L06V58
MBP825BG036	T01	200 x 25 x 32	8" x 1" x 1 1/4"	00A036N05V86
MBP825BG060	T01	200 x 25 x 32	8" x 1" x 1 1/4"	00A060L06V58

WHITE ALUMINIUM OXYDE WHEELS FOR SHARPENING ON HSS				
BENCH WHEELS -SPEED 35 m/s - HSS AND HIGH ALLOY STEELS				
MBP620BB060	T01	150 x 20 x 32	6" x 25/32" x 1 1/4"	09A060K06V86
MBP825BB060	T01	200 x 25 x 32	8" x 1" x 1 1/4"	09A060K06V86

SILICON CARBIDE WHEELS FOR CARBIDE TOOLS SHARPENING				
BENCH WHEELS -SPEED 35 m/s - CARBIDE TOOLS				
MBP620BV080	T01	150 x 20 x 32	6" x 25/32" x 1 1/4"	08C080J08V01
MBP825BV080	T01	200 x 25 x 32	8" x 1" x 1 1/4"	08C080J08V01

BUSHES	
CODE	DIAMETERS EXT-INT [mm]
MBR3213	32 - 13
MBR3220	32 - 20
MBR3222	32 - 22
MBR3225	32 - 25
MBR3228	32 - 28
MBR3230	32 - 30
MBR2008	20 - 8
MBR2010	20 - 10
MBR2012	20 - 12
MBR2014	20 - 14
MBR2015	20 - 15
MBR2016	20 - 16
MBR2017	20 - 17
MBR2018	20 - 18



Free supplies of two rings by command grindstone

MOUNTED POINTS

Use

Mounted tools with vitrified or resinoid bond for roughing or finishing all kinds of metals and use on electrical or pneumatic hand held machines.

Product range

A large choice of standard shapes in different sizes. Abrasives, grits and hardnesses suited for most applications.

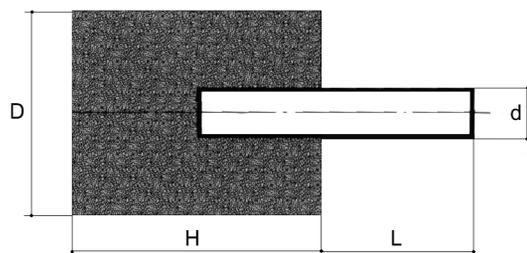
Technicity

Standards specifications for main applications.

EN 12413 norm.

Advantages

Directly operational product, with no pre-tests.



GREY /PINK ALUMINIUM OXIDE FOR CAST-IRON

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
A SHAPE							
MTI0243	21 x 45	x	6 x 40	A11	03A24R5V86	Roughing	25
MTI0041	21 x 45	x	8 x 40	A11	03A24R5V86	Roughing	25
MTI0044	20 x 50	x	8 x 40	A8	03A24Q5V86	Roughing	25
MTI0244	30 x 50	x	6 x 40	A9	03A24Q5V86	Roughing	25
MTI0218	30 x 50	x	6 x 40	A7	03A24R5V86	Roughing	25
MTI0260	30 x 50	x	6 x 40	A19	03A24R5V86	Roughing	25

STANDARD MOUNTED POINTS SET

PINK ALUMINIUM OXIDE

CODE	SHANK	
STANDARD SET 10 PCS		
MTI0321	Shank 6 x 40	1
COMPOSITION		
MTI0119 - MTI0137 - MTI0158 - MTI0160 - MTI0165 - MTI0262 - MTI0268 - MTI0277		



MOUNTED POINTS

PINK ALUMINIUM OXIDE

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
STRAIGHT			W SHAPE				
MTI0088	3 x 6	x	3 x 38	W144	11A60P5V86	Roughing	25
MTI0089	3 x 6	x	3 x 38	W144	11A90P5V86	Finishing	25
MTI0090	3 x 10	x	3 x 38	W145	11A90P5V86	Finishing	25
MTI0091	3 x 13	x	3 x 38	W146	11A90P5V86	Finishing	25
MTI0092	4 x 6	x	3 x 38	W149	11A90P5V86	Finishing	25
MTI0093	5 x 6	x	3 x 38	W152	11A90P5V86	Finishing	25
MTI0094	5 x 10	x	3 x 38	W153	11A60P5V86	Roughing	25
MTI0095	5 x 10	x	3 x 38	W153	11A90P5V86	Finishing	25
MTI0096	5 x 13	x	3 x 38	W154	11A90P5V86	Finishing	25
MTI0097	6 x 6	x	3 x 38	W160	11A90P5V86	Finishing	25
MTI0098	6 x 10	x	3 x 38	W162	11A90P5V86	Finishing	25
MTI0099	6 x 10	x	6 x 40	W162	11A90P5V86	Finishing	25
MTI0100	6 x 13	x	3 x 38	W163	11A60P5V86	Roughing	25
MTI0101	6 x 13	x	6 x 40	W163	11A60P5V86	Roughing	25
MTI0102	6 x 13	x	6 x 40	W163	11A90P5V86	Finishing	25
MTI0103	6 x 20	x	3 x 38	W164	11A60P5V86	Roughing	25
MTI0104	6 x 20	x	6 x 40	W164	11A90P5V86	Finishing	25
MTI0105	8 x 10	x	3 x 38	W169	11A60P5V86	Roughing	25
MTI0106	8 x 13	x	6 x 40	W170	11A60P5V86	Finishing	25
MTI0107	8 x 13	x	6 x 40	W170	11A90P5V86	Roughing	25
MTI0108	8 x 20	x	3 x 38	W171	11A60P5V86	Roughing	25
MTI0109	8 x 20	x	6 x 40	W171	11A60P5V86	Finishing	25
MTI0110	8 x 20	x	6 x 40	W171	11A90P5V86	Roughing	25
MTI0111	10 x 10	x	3 x 38	W175	11A60P5V86	Finishing	25
MTI0112	10 x 10	x	6 x 40	W175	11A90P5V86	Roughing	25
MTI0113	10 x 13	x	3 x 13	W176	11A60P5V86	Roughing	25
MTI0114	10 x 13	x	6 x 40	W176	11A60P5V86	Roughing	25
MTI0115	10 x 13	x	6 x 40	W176	11A90P5V86	Finishing	25
MTI0116	10 x 20	x	6 x 40	W177	11A60P5V86	Roughing	25
MTI0117	10 x 20	x	6 x 40	W177	11A90P5V86	Finishing	25
MTI0118	10 x 25	x	6 x 40	W178	11A60P5V86	Roughing	25
MTI0119	10 x 32	x	6 x 40	W179	11A60P5V86	Roughing	25
MTI0120	13 x 20	x	6 x 40	W186	11A60P5V86	Roughing	25



MOUNTED POINTS

PINK ALUMINIUM OXIDE

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
STRAIGHT			W SHAPE				
MTI0137	13 x 20	x	6 x 40	W186	11A90P5V86	Finishing	25
MTI0140	13 x 40	x	6 x 40	W188	11A60P5V86	Roughing	25
MTI0149	16 x 20	x	6 x 40	W195	11A46P5V86	Roughing	25
MTI0150	16 x 20	x	6 x 40	W195	11A90P5V86	Finishing	25
MTI0151	16 x 25	x	6 x 40	W196	11A60P5V86	Roughing	25
MTI0152	16 x 25	x	6 x 40	W196	11A90P5V86	Finishing	25
MTI0154	16 x 50	x	6 x 40	W197	11A60P5V86	Roughing	25
MTI0158	20 x 6	x	6 x 40	W201	11A60P5V86	Roughing	25
MTI0160	20 x 13	x	6 x 40	W203	11A60P5V86	Roughing	25
MTI0162	20 x 20	x	6 x 40	W204	11A36P5V86	Roughing	25
MTI0163	20 x 20	x	6 x 40	W204	11A60P5V86	Finishing	25
MTI0165	20 x 25	x	6 x 40	W205	11A36P5V86	Roughing	25
MTI0167	20 x 25	x	6 x 40	W205	11A60P5V86	Finishing	25
MTI0166	20 x 30	x	6 x 40	W206	11A36P5V86	Roughing	25
MTI0168	20 x 30	x	6 x 40	W206	11A90P5V86	Finishing	25
MTI0172	20 x 50	x	6 x 40	W208	11A60P5V86	Roughing	25
MTI0176	25 x 3	x	6 x 40	W215	11A90P5V86	Finishing	25
MTI0182	25 x 25	x	6 x 40	W220	11A36P5V86	Roughing	25
MTI0181	25 x 25	x	6 x 40	W220	11A60P5V86	Finishing	25
MTI0184	25x 40	x	6 x 40	W221	11A36P5V86	Finishing	25
MTI0190	30 x 10	x	6 x 40	W226	11A60P5V86	Finishing	25
MTI0193	30 x 20	x	6 x 40	W228	11A60P5V86	Finishing	25
MTI0194	30 x 30	x	6 x 40	W230	11A36P5V86	Roughing	25
MTI0196	30 x 30	x	6 x 40	W230	11A60P5V86	Finishing	25
MTI0197	30 x 50	x	6 x 40	W232	11A36P5V86	Roughing	25
MTI0202	40 x 13	x	6 x 40	W236	11A36P5V86	Roughing	25
MTI0203	40 x 13	x	6 x 40	W236	11A60P5V86	Finishing	25
MTI0204	40 x 13	x	6 x 40	W236	11A90P5V86	Finishing	25
MTI0206	40 x 25	x	6 x 40	W237	11A36P5V86	Roughing	25
MTI0209	40 x 40	x	6 x 40	W238	11A36P5V86	Roughing	25
MTI0210	40 x 40	x	6 x 40	W238	11A60P5V86	Finishing	25
MTI0211	40 x 40	x	8 x 40	W238	11A36P5V86	Roughing	25
MTI0217	50 x 25	x	6 x 40	W242	11A36P5V86	Roughing	25



MOUNTED POINTS

PINK ALUMINIUM OXIDE

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
A SHAPE							
MTI0219	20 x 63	x	6 x 40	A1	11A36P5V86	Roughing	25
MTI0220	20 x 63	x	6 x 40	A1	11A60P5V86	Finishing	25
MTI0223	25 x 70	x	6 x 40	A3	11A36P5V86	Roughing	25
MTI0224	25 x 70	x	6 x 40	A3	11A60P5V86	Finishing	25
MTI0226	30 x 30	x	6 x 40	A4	11A36P5V86	Roughing	25
MTI0227	30 x 30	x	6 x 40	A4	11A60P5V86	Finishing	25
MTI0228	20 x 28	x	6 x 40	A5	11A36P5V86	Roughing	25
MTI0229	20 x 28	x	6 x 40	A5	11A60P5V86	Finishing	25
MTI0231	30 x 50	x	6 x 40	A7	11A36P5V86	Roughing	25
MTI0230	30 x 50	x	6 x 40	A7	11A60P5V86	Finishing	25
MTI0233	20 x 50	x	6 x 40	A8	11A36P5V86	Roughing	25
MTI0234	20 x 50	x	6 x 40	A8	11A60P5V86	Finishing	25
MTI0235	30 x 50	x	6 x 40	A9	11A36P5V86	Roughing	25
MTI0238	30 x 50	x	6 x 40	A9	11A60P5V86	Finishing	25
MTI0237	22 x 70	x	6 x 40	A10	11A36P5V86	Roughing	25
MTI0239	22 x 70	x	6 x 40	A10	11A60P5V86	Finishing	25
MTI0241	21 x 45	x	6 x 40	A11	11A36P5V86	Roughing	25
MTI0242	21 x 45	x	6 x 40	A11	11A60P5V86	Finishing	25
MTI0245	18 x 30	x	6 x 40	A12	11A36P5V86	Roughing	25
MTI0285	6 x 25	x	6 x 40	A15	11A90P5V86	Finishing	25
MTI0255	30 x 50	x	6 x 40	A19	11A36P5V86	Roughing	25
MTI0258	30 x 50	x	6 x 40	A19	11A36P5V86	Roughing	25
MTI0287	40 x 50	x	6 x 40	A20	11A36P5V86	Roughing	25
MTI0288	40 x 50	x	6 x 40	A20	11A36P5V86	Roughing	25
MTI0261	25 x 25	x	6 x 40	A21	11A36P5V86	Roughing	25
MTI0262	25 x 25	x	6 x 40	A21	11A60P5V86	Finishing	25
MTI0263	20 x 25	x	6 x 40	A23	11A60P5V86	Finishing	25
MTI0265	6 x 20	x	6 x 40	A24	11A36P5V86	Roughing	25
MTI0264	6 x 20	x	6 x 40	A24	11A60P5V86	Finishing	25
MTI0267	25	x	6 x 40	A25	11A36P5V86	Roughing	25
MTI0266	25	x	6 x 40	A25	11A60P5V86	Finishing	25
MTI0268	16	x	6 x 40	A26	11A36P5V86	Roughing	25
MTI0269	16	x	6 x 40	A26	11A60P5V86	Finishing	25
MTI0270	40 x 50	x	6 x 40	A28	11A36P5V86	Roughing	25
MTI0277	25 x 10	x	6 x 40	A35	11A60P5V86	Finishing	25
MTI0279	40 x 10	x	6 x 40	A36	11A36P5V86	Roughing	25
MTI0282	32 x 6	x	6 x 40	A37	11A90P5V86	Finishing	25
MTI0284	25 x 25	x	6 x 40	A38	11A36P5V86	Roughing	25



MOUNTED POINTS

PINK ALUMINIUM OXIDE

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
			B SHAPE				
MTI0290	16 x 16	x	3 x 38	B41	11A90P5V86	Finishing	25
MTI0294	6 x 8	x	3 x 38	B43	11A90P5V86	Finishing	25
MTI0295	6 x 10	x	3 x 38	B44	11A60P5V86	Roughing	25
MTI0296	6 x 10	x	3 x 38	B44	11A90P5V86	Finishing	25
MTI0308	3 x 8	x	3 x 38	B46	11A90P5V86	Finishing	25
MTI0297	10 x 20	x	3 x 38	B52	11A90P5V86	Finishing	25
MTI0299	8 x 16	x	3 x 38	B53	11A90P5V86	Finishing	25
MTI0319	6 x 13	x	3 x 38	B54	11A90P5V86	Finishing	25
MTI0306	3 x 6	x	3 x 38	B55	11A90P5V86	Finishing	25
MTI0301	20 x 8	x	3 x 38	B61	11A90P5V86	Finishing	25
MTI0303	20 x 4	x	3 x 38	B81	11A90P5V86	Finishing	25
MTI0304	3 x 5	x	3 x 38	B95	11A90P5V86	Finishing	25
MTI0305	3 x 6	x	3 x 38	B96	11A90P5V86	Finishing	25
MTI0307	3 x 10	x	3 x 38	B97	11A90P5V86	Finishing	25
MTI0311	8 x 10	x	3 x 38	B104	11A90P5V86	Finishing	25
MTI0300	11 x 18	x	3 x 38	B111	11A90P5V86	Roughing	25
MTI0313	13	x	3 x 38	B121	11A90P5V86	Finishing	25
MTI0314	10	x	3 x 38	B122	11A90P5V86	Finishing	25
MTI0315	5	x	3 x 38	B123	11A90P5V86	Finishing	25
MTI0316	3	x	3 x 38	B124	11A90P5V86	Finishing	25
MTI0317	10 x 13	x	3 x 38	B132	11A90P5V86	Finishing	25
MTI0318	6 x 13	x	3 x 38	B135	11A90P5V86	Finishing	25



RESINOİD BONDED ALUMINIUM OXYDE

CODE	HEAD	X	SHANK	SHAPE	SPECIFICATION	USE	
			B SHAPE				
MTI0132	13 x 13	x	6 x 40	W185	15A90L4B	Finishing	25
MTI0171	20 x 40	x	6 x 40	W207	15A24R5B	Roughing	25
MTI0183	25 x 25	x	6 x 40	W220	15A24R5B	Roughing	25
MTI0195	30 x 30	x	6 x 40	W230	15A24R5B	Roughing	25
MTI0198	30 x 50	x	6 x 40	W232	15A24R5B	Roughing	25
MTI0205	40 x 13	x	6 x 40	W236	15A36R5B	Roughing	25
MTI0208	40 x 40	x	6 x 40	W238	15A24R5B	Roughing	25
MTI0214	40 x 40	x	8 x 40	W238	15A24R5B	Roughing	25
MTI0240	21 x 45	x	6 x 40	A011	15A24R5B	Roughing	25

CARBIDE BURRS

THE MOST COMMON TYPE OF CUT



S

SINGLE CUT

Use

Use on soft metals and plastic materials.

Products declinaison

A wide selection of standard forms in various dimensions.

Technicality

In compliance with the European standard ISO 10911.

Advantages

Current usage on the most diverse soft materials.



D

DOUBLE CUT

Use

Universal set of teeth for any nuance of steel, cast irons. Improved cup and big debit of material.

Products declinaison

A wide selection of standard forms in various dimensions.

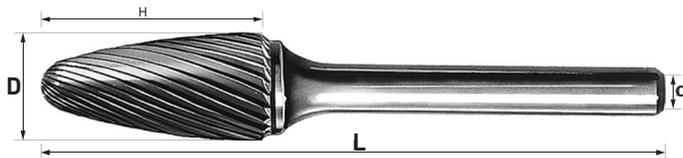
Technicality

In compliance with the European standard ISO 10911.

Advantages

Small shavings, thus few vibrations on hard metals.

BURRS DIMENSIONS



- D = Diameter (head)
- H = Head height
- L = Overall length
- d = Shank diameter

SAFETY RULES

Respect safety standards	Wear gloves
Use a dust mask	Wear hear protections
Wear an apron	Wear glasses

RECOMMENDED OPERATING GUIDE OF SPEED

MATERIALS	OPERATING SPEED (min - 1)				
	D 3 mm	D 6 mm	D 10 mm	D 12 mm	D 16 mm
Steel	60.000 / 90.000	45.000 / 60.000	30.000 / 45.000	22.500 / 30.000	18.000 / 24.000
Hardened steel	60.000 / 90.000	30.000 / 45.000	19.000 / 30.000	15.000 / 22.500	12.000 / 18.000
Stainless steel	60.000 / 90.000	30.000 / 45.000	19.000 / 30.000	15.000 / 22.500	12.000 / 18.000
Cast Iron	45.000 / 90.000	22.500 / 60.000	15.000 / 40.000	11.000 / 30.000	9.000 / 24.000
Titanium	60.000 / 90.000	30.000 / 45.000	19.000 / 30.000	15.000 / 22.500	12.000 / 18.000
Nickel	60.000 / 90.000	30.000 / 45.000	19.000 / 30.000	15.000 / 22.500	12.000 / 18.000
Copper / Copper alloys	45.000 / 90.000	22.500 / 60.000	15.000 / 40.000	11.000 / 30.000	9.000 / 24.000
Aluminium	30.000 / 90.000	15.000 / 70.000	10.000 / 50.000	7.000 / 38.000	6.000 / 30.000
Plastics	30.000 / 90.000	15.000 / 70.000	10.000 / 50.000	7.000 / 38.000	6.000 / 30.000
Cermet	60.000 / 90.000	30.000 / 45.000	19.000 / 30.000	15.000 / 22.500	12.000 / 18.000

CARBIDE BURRS

SHAPE	DIMENSIONS (D x H x L x d)	TYPE OF CUT	CODE	TYPE OF CUT	CODE
TREE					
G 	3 x 6 x 3 x 38	Single	FLD003006338S	Double cut	FLG003006338C
	3 x 9,5 x 3 x 38		FLG003095338S		FLG003095338C
	3 x 12,7 x 3 x 38		FLG003127338S		FLG003127338C
	3 x 12 x 3 x 50		FLG003012350S		FLG003012350C
	3 x 12 x 3 x 75		FLG003012375S		FLG003012375C
	6,3 x 12,7 x 3 x 50		FLG063127350S		FLG063127350C
	6 x 16 x 6 x 50		FLG006016650S		FLG006016650C
	8 x 19 x 6 x 64		FLG008019664S		FLG008019664C
	9,5 x 19 x 6 x 64		FLG095019664S		FLG095019664C
	12,7 x 19 x 6 x 64		FLG127019664S		FLG127019664C
	12,7 x 25 x 6 x 70		FLG127025670S		FLG127025670C
	16 x 25 x 6 x 70		FLG016025670S		FLG016025670C
	19 x 25 x 6 x 70		FLG019025670S		FLG019025670C
	FLAME				
H 	3 x 6,3 x 3 x 38	Single	FLH003063338S	Double cut	FLH003063338C
	3 x 6,3 x 3 x 50		FLH003063350S		FLH003063350C
	3 x 6,3 x 3 x 75		FLH003063375S		FLH003063375C
	6 x 12,7 x 3 x 50		FLH006127350S		FLH006127350C
	8 x 19 x 6 x 63		FLH008019663S		FLH008019663C
	12,7 x 32 x 6 x 76		FLH127032676S		FLH127032676C
	16 x 36 x 6 x 80		FLH016032680S		FLH016032680C
	19 x 41 x 6 x 85		FLH016041685S		FLH016041685C
	COUNTERSINK 60°				
J 	3 x 2,5 x 3 x 38	Single	FLJ003025338S	Double cut	FLJ003025338C
	6 x 4 x 6 x 50		FLJ006004650S		FLJ006004650C
	9,5 x 8 x 6 x 50		FLJ095008650S		FLJ095008650C
	12,7 x 11 x 6 x 58		FLJ127011658S		FLJ127011658C
	16 x 14,5 x 6 x 61		FLJ016145661S		FLJ016145661C
	19 x 17,5 x 6 x 65		FLJ019175665S		FLJ019175665C
	25 x 24,5 x 6 x 68		FLJ025254668S		FLJ025254668C
COUNTERSINK 90°					
K 	3 x 1,5 x 3 x 38	Single	FLK003015338S	Double cut	FLK003015338C
	6 x 3 x 6 x 50		FLK006003650S		FLK006003650C
	9,5 x 4,7 x 6 x 52		FLK095047652S		FLK095047652C
	12,7 x 6,3 x 6 x 54		FLK127063654S		FLK127063654C
	16 x 8 x 6 x 57		FLK016008657S		FLK016008657C
	19 x 9,5 x 6 x 58		FLK019095658S		FLK019095658C
	25 x 12,7 x 6 x 60		FLK025127660S		FLK025127660C

CARBIDE BURRS

SHAPE	DIMENSIONS (D x H x L x d)	TYPE OF CUT	CODE	TYPE OF CUT	CODE
BALL NOSED CYLINDER					
<p>L</p>	3 x 9,5 x 3 x 38	Single	FLL003095338S	Double cut	FLL003095338C
	3 x 12,7 x 3 x 38		FLL003127338S		FLL003127338C
	6 x 16 x 6 x 50		FLL006016650S		FLL006016650C
	8 x 22 x 6 x 67		FLL008022667S		FLL008022667C
	9,5 x 27 x 6 x 72		FLL095027672S		FLL095027672C
	12,7 x 28 x 6 x 73		FLL127028673S		FLL127028673C
	16 x 30 x 6 x 75		FLL016030675S		FLL016030675C
	16 x 33 x 6 x 78		FLL016033678S		FLL016033678C
	19 x 38 x 6 x 83		FLL019038683S		FLL019038683C
	CONE				
<p>M</p>	3 x 8,9 x 3 x 38	Single	FLM003089338S	Double cut	FLM003089338C
	3 x 11 x 3 x 38		FLM003011338S		FLM003011338C
	3 x 11 x 3 x 50		FLM003011350S		FLM003011350C
	3 x 11 x 3 x 75		FLM003011375S		FLM003011375C
	3 x 16 x 3 x 38		FLM003016338S		FLM003016338C
	6,3 x 12,7 x 3 x 54		FLM063127354S		FLM063127354C
	6 x 12,7 x 6 x 50		FLM006127650S		FLM006127650C
	6 x 19 x 6 x 50		FLM006019650S		FLM006019650C
	6 x 25 x 6 x 50		FLM006025650S		FLM006025650C
	9,5 x 16 x 6 x 61		FLM095016661S		FLM095016661C
	12,7 x 22 x 6 x 67		FLM127022667S		FLM127022667C
	16 x 25 x 6 x 73		FLM016025673S		FLM016025673C
	INVERTED CONE				
<p>N</p>	2,5 x 3 x 3 x 38	Single	FLN025003338S	Double cut	FLN025003338C
	3 x 4 x 3 x 38		FLN003004338S		FLN003004338C
	6,3 x 6 x 3 x 44		FLN063006344S		FLN063006344C
	6 x 8 x 6 x 50		FLN006008650S		FLN006008650C
	9,5 x 9,5 x 6 x 55		FLN095095655S		FLN095095655C
	12,7 x 12,7 x 6 x 58		FLN127127658S		FLN127127658C
	16 x 19 x 6 x 64		FLN016019664S		FLN016019664C
	19 x 16 x 6 x 61		FLN019016661S		FLN019016661C

CARBIDE BURRS

SHAPE	DIMENSIONS (D x H x L x d)	TYPE OF CUT	CODE	TYPE OF CUT	CODE
CYLINDER					
A 	1,5 x 6 x 3 x 38	Single	FLA015006338S	Double cut	FLA015006338C
	2,5 x 11 x 3 x 38		FLA025011338S		FLA025011338C
	3 x 14 x 3 x 38		FLA003014338S		FLA003014338C
	6,3 x 12,7 x 3 x 50		FLA063127350S		FLA063127350C
	6 x 16 x 6 x 50		FLA006016650S		FLA006016650C
	8 x 20 x 6 x 63		FLA008020663S		FLA008020663C
	9,5 x 19 x 6 x 63		FLA095019663S		FLA095019663C
	9,5 x 25 x 6 x 69		FLA095025669S		FLA095025669C
	11 x 25 x 6 x 70		FLA011025670S		FLA011025670C
	12,7 x 25 x 6 x 70		FLA127025670S		FLA127025670C
	16 x 25 x 6 x 70		FLA016025670S		FLA016025670C
	19 x 25 x 6 x 70		FLA019025670S		FLA019025670C
	CYLINDER WITH END CUT				
B 	1,5 x 6 x 3 x 38	Single	FLB015006338S	Double cut	FLB015006338C
	2,5 x 11 x 3 x 38		FLB025011338S		FLB025011338C
	3 x 14 x 3 x 38		FLB003014338S		FLB003014338C
	6,3 x 12,7 x 3 x 50		FLB063127350S		FLB063127350C
	6 x 16 x 6 x 50		FLB006016650S		FLB006016650C
	8 x 20 x 6 x 63		FLB008020663S		FLB008020663C
	9,5 x 19 x 6 x 63		FLB095019663S		FLB095019663C
	9,5 x 25 x 6 x 69		FLB095025669S		FLB095025669C
	11 x 25 x 6 x 70		FLB011025670S		FLB011025670C
	12,7 x 25 x 6 x 70		FLB127025670S		FLB127025670C
	16 x 25 x 6 x 70		FLB016025670S		FLB016025670C
	19 x 25 x 6 x 70		FLB019025670S		FLB019025670C
	BALL NOSED CILYNDER				
C 	2,5 x 11 x 3 x 38	Single	FLC025011338S	Double cut	FLC025011338C
	3 x 14 x 3 x 38		FLC003014338S		FLC003014338C
	3 x 14 x 3 x 50		FLC003014350S		FLC003014350C
	3 x 14 x 3 x 75		FLC003014375S		FLC003014375C
	6,3 x 12,7 x 3 x 50		FLC063127350S		FLC063127350C
	3 x 16 x 6 x 60		FLC003016660S		FLC003016660C
	5 x 16 x 6 x 50		FLC005016650S		FLC005016650C
	6 x 16 x 6 x 50		FLC006016650S		FLC006016650C
	8 x 19 x 6 x 64		FLC008019664S		FLC008019664C
	8 x 25 x 6 x 69		FLC008025669S		FLC008025669C
	9,5 x 19 x 6 x 64		FLC095019664S		FLC095019664C
	9,5 x 25 x 6 x 69		FLC095025669S		FLC095025669C
	11 x 25 x 6 x 69		FLC011025669S		FLC011025669C
	12,7 x 25 x 6 x 69		FLC127025669S		FLC127025669C
	16 x 25 x 6 x 69		FLC016025669S		FLC016025669C
	19 x 25 x 6 x 69		FLC019025669S		FLC019025669C
25 x 25 x 6 x 69	FLC025025669S	FLC025025669C			



SHAPE	DIMENSIONS (D x H x L x d)	TYPE OF CUT	CODE	TYPE OF CUT	CODE
BALL					
 <p>D</p>	2,5 x 2,3 x 3 x 38	Single	FLD025023338S	Double cut	FLD025023338C
	3 x 2,5 x 3 x 38		FLD003025338S		FLD003025338C
	3 x 2,5 x 3 x 50		FLD003025350S		FLD003025350C
	3 x 2,5 x 3 x 75		FLD003025375S		FLD003025375C
	6,3 x 5 x 3 x 44		FLD063005344S		FLD063005344C
	3 x 2 x 6 x 50		FLD003002650S		FLD003002650C
	5 x 4 x 6 x 50		FLD005004650S		FLD005004650C
	6 x 5 x 6 x 50		FLD006005650S		FLD006005650C
	8 x 6,4 x 6 x 51		FLD008064651S		FLD008064651C
	9,5 x 8 x 6 x 53		FLD095008653S		FLD095008653C
	11 x 9,5 x 6 x 54		FLD011095654S		FLD011095654C
	12,7 x 11 x 6 x 55		FLD127011655S		FLD127011655C
	16 x 14 x 6 x 58		FLD016014658S		FLD016014658C
	19 x 16 x 6 x 62		FLD019016658S		FLD019016658C
25,4 x 21 x 6 x 72	FLD254021672S	FLD254021672C			
OVAL					
 <p>E</p>	3 x 5,5 x 3 x 38	Single	FLE003055338S	Double cut	FLE003055338C
	3 x 5 x 3 x 50		FLE003005350S		FLE003005350C
	3 x 5 x 3 x 75		FLE003005375S		FLE003005375C
	6,3 x 9,5 x 3 x 47		FLE063095347S		FLE063095347C
	6 x 9,5 x 6 x 50		FLE006095347S		FLE006095650C
	9,5 x 16 x 6 x 60		FLE095016660S		FLE095016660C
	12,7 x 22 x 6 x 67		FLE127022667S		FLE127022667C
	16 x 25 x 6 x 70		FLE016025670S		FLE016025670C
	19 x 25 x 6 x 70		FLE019025670S		FLE019025670C
BALL NOSED TREE					
 <p>F</p>	3 x 6 x 3 x 38	Single	FLF003006338S	Double cut	FLF003006338C
	3 x 12 x 3 x 38		FLF003012338S		FLF003012338C
	3 x 12 x 3 x 50		FLF003012350S		FLF003012350C
	3 x 12 x 3 x 75		FLF003012375S		FLF003012375C
	6,3 x 12,7 x 3 x 50		FLF063127350S		FLF063127350C
	6 x 16 x 6 x 50		FLF006016650S		FLF006016650C
	9,5 x 19 x 6 x 64		FLF095019664S		FLF095019664C
	11 x 25 x 6 x 70		FLF011025670S		FLF011025670C
	12,7 x 19 x 6 x 64		FLF127019664S		FLF127019664C
	12,7 x 25 x 6 x 70		FLF127025664S		FLF016025670C
	16 x 25 x 6 x 70		FLF016025670S		FLF019025670C
	19 x 25 x 6 x 70		FLF019025670S		FLF019032677C
	19 x 32 x 6 x 77		FLF019032677S		FLF019032677C
	19 x 38 x 6 x 83		FLF019038683S		FLF019038683C



REINFORCED ABRASIVE DISCS

- SMALL DIAMETER CUTTING DISCS FOR STEEL
- SMALL DIAMETER CUTTING DISCS FOR STAINLESS STEEL
- CUTTING DISCS FOR STEEL
- CUTTING DISCS FOR STAINLESS STEEL
- CUTTING DISCS FOR CAST IRON
- GRINDING DISCS FOR STEEL
- GRINDING DISCS FOR STAINLESS STEEL
- GRINDING DISCS FOR CAST IRON

ENERGY DISCS

MABTOOLS Energy range includes cutting, grinding and flap discs designed for the operator who works on steel, stainless steel, cast iron, stone and concrete.

The Energy line is designed for professional use with portable machines, portable angle grinders, electrical and pneumatic hand held machines.

Energy flap discs are manufactured with plastic and fibre-glass backings with zirconium and aluminium oxide abrasive cloth.



CUTTING DISCS



GRINDING DISCS



FLAP DISCS

REINFORCED CUTTING AND GRINDING DISCS		
PRODUCT	APPLICATION	MACHINE

SMALL CUTTING DISCS FOR HAND HELD MACHINES		
SMALL CUTTING DISCS	STEEL STAINLESS STEEL	ELECTRICAL AND PNEUMATIC HAND HELD MACHINES

CUTTING DISCS FOR PORTABLE MACHINES		
CUTTING DISCS	STEEL STAINLESS STEEL CAST IRON	PORTABLE MACHINES

GRINDING DISCS		
GRINDING DISCS	STEEL STAINLESS STEEL CAST IRON	PORTABLE ANGLE GRINDERS

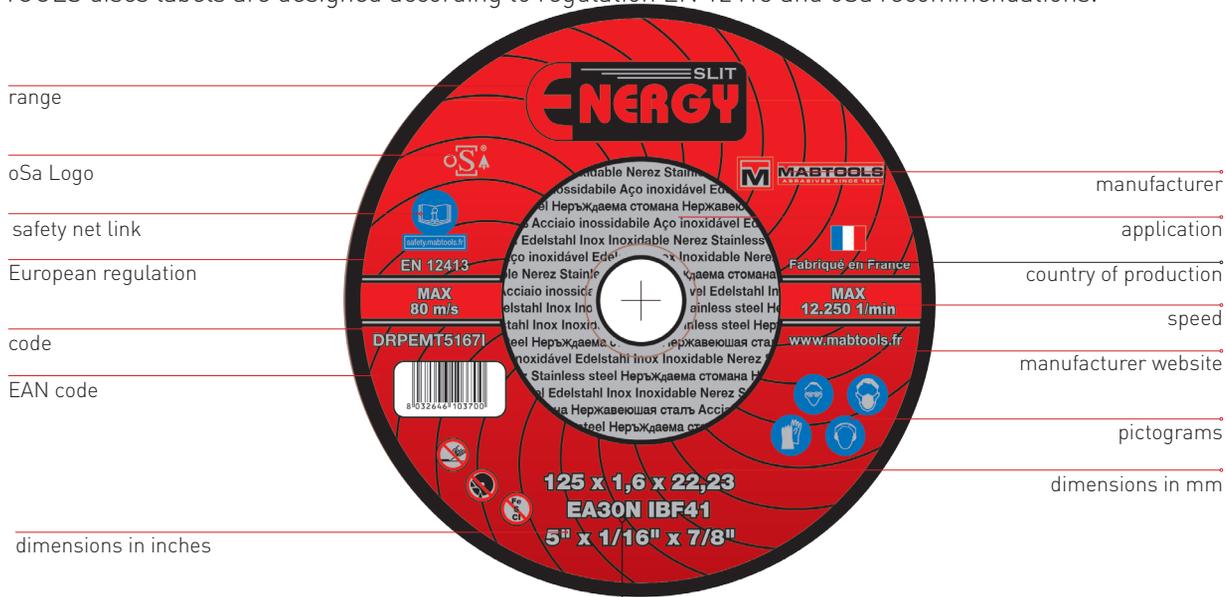
FLAP DISCS		
PRODUCT	APPLICATION	MACHINE

ZIRCONIUM CLOTH		
FLAT DISCS WITH PLASTIC BACKING FLAT DISCS WITH FIBRE BACKING TAPERED DISCS WITH FIBRE BACKING	GENERAL PURPOSE	ANGLE GRINDING MACHINES

ENERGY CUTTING AND GRINDING DISCS

HOW TO READ LABELS

MABTOOLS discs labels are designed according to regulation EN 12413 and oSa recommendations.



THE SPECIFICATION

E A 30 N M B F 41							
RANGE	ABRASIVE	GRIT	HARDNESS	APPLICATION	BOND	REINFORCEMENT	SHAPE
E Energy P Power X Xforce Z Zforce	A Aluminium Oxide C Silicon Carbide Z Zirconium	Coarse 24 30 36 46 60 Fine	Soft N P Q R S T Hard	I Stainless Steel K Steel Y Cast Iron	B Resinoid	F Fibreglass	27 Depressed Centre Grinding 41 Flat Cutting 42 Depressed Centre Cutting

A clean, precise and burrless cut and an excellent flexibility make Energy Cut discs a good choice for operations on steel and stainless steel.

Chemically treated abrasive blends allow good performances, improving the disc elasticity and tenacity. Energy range has been designed to be versatile, paying particular attention to materials and applications.

Discs are manufactured using top quality European raw materials, corundum and silicon carbide, mixed with resin bonds and special fillers.

The fibreglass reinforce nets are selected for their quality and strength, resulting in maximum safety when using the disc.

Main applications:

- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- Rail
- Tanks
- Shipyards
- Pipelines for gas and oil
- General use on metals

Main features

- Versatility
- Clean cut
- Comfort of use
- Long life
- Great quality price ratio
- oSa certified
- Made in France

Energy Cut Line features a complete range of sizes and specifications for cutting steel, stainless steel and stone.

Discs are available for electrical and pneumatic hand-held machines, portable cut-off machines, angle grinders.

The great cutting ability, comfort and the clean cut are the main advantages of the thin wheels, making them the perfect choice for the productive worker.

One of the main features of Energy Cut products is the cool cut which avoids thermal deformations of the workpiece.

Tests run in our laboratory by professionals in the abrasive field showed the impressive performance of Energy Cut discs on several materials (tubes, sections, metal sheets etc.).

ENERGY "CUT" CUTTING DISCS for hand-held machines

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS (D x T x b)				MACHINE
				(mm)	(inch)			
FLAT CUTTING DISCS - SPEED 80m/s								
DRSEMT4255M	M	EA30S	BF41	100 x 2,5 x 15,88	4" x 3/32 x 5/8"	100	2,8	
DRPEMT2107M	M	EA30S	BF41	115 x 1,0 x 22,23	4.1/2 x .040 x 7/8	100	3,5	
DRPEMT2167M	M	EA30S	BF41	115 x 1,6 x 22,23	4.1/2 x 1/16 x 7/8	100	3,0	
DRPEMT2257M	M	EA30S	BF41	115 x 2,5 x 22,23	4.1/2 x 3/32 x 7/8	50	3,0	
DRPEMT2257Y	Y	EC24R	BF41	115 x 2,5 x 22,23	4.1/2 x 3/32 x 7/8	50	3,4	
DRPEMT5107M	M	EA30S	BF41	125 x 1,0 x 22,23	5 x .040 x 7/8	100	4,3	
DRPEMT5167M	M	EA30S	BF41	125 x 1,6 x 22,23	5 x 1/16 x 7/8	100	4,2	
DRPEMT5257M	M	EA30S	BF41	125 x 2,5 x 22,23	5 x 3/32 x 7/8	50	4,2	
DRPEMT5257Y	Y	EC24R	BF41	125 x 2,5 x 22,23	5 x 3/32 x 7/8	50	3,1	
DRPEMT6107M	M	EA30S	BF41	150 x 1,6 x 22,23	6 x 1/16 x 7/8	50	3,1	
DRPEMT6167M	M	EA30S	BF41	150 x 1,6 x 22,23	6 x 1/16 x 7/8	50	4,8	
DRPEMT6257M	M	EA30S	BF41	150 x 2,5 x 22,23	6 x 3/32 x 7/8	50	4,8	
DRPEMT6257Y	Y	EC24R	BF41	150 x 2,5 x 22,23	6 x 3/32 x 7/8	50	4,6	
DRPEMT7167M	M	EA30S	BF41	180 x 1,6 x 22,23	7 x 1/16 x 7/8	50	3,0	
DRPEMT7257M	M	EA30S	BF41	180 x 2,5 x 22,23	7 x 3/32 x 7/8	25	3,0	
DRPEMT7257Y	Y	EA30S	BF41	180 x 2,5 x 22,23	7 x 3/32 x 7/8	25	3,0	
DRPEMT9207M	M	EA30S	BF41	230 x 2,0 x 22,23	9 x 5/64 x 7/8	25	5,0	
DRPEMT9257Y	Y	EC24R	BF41	230 x 2,5 x 22,23	9 x 3/32 x 7/8	25	6,5	
DEPRESSED CENTER CUTTING DISCS - SPEED 80m/s								
DRSEMT4255M	M	EA30S	BF42	100 x 3,0 x 15,88	4" x 1/8" x 5/8"	50	4,0	
DRDEMT2307M	M	EA30S	BF42	115 x 3,0 x 22,23	4.1/2 x 1/8 x 7/8	50	4,0	
DRDEMT2307Y	Y	EC24R	BF42	115 x 3,0 x 22,23	4.1/2 x 1/8 x 7/8	50	4,5	
DRDEMT5307M	M	EA30S	BF42	125 x 3,0 x 22,23	5 x 1/8 x 7/8	50	4,5	
DRDEMT5307Y	Y	EC24R	BF42	125 x 3,0 x 22,23	5 x 1/8 x 7/8	50	4,0	
DRDEMT6307M	M	EA30S	BF42	150 x 3,0 x 22,23	6 x 1/8 x 7/8	50	4,0	
DRDEMT6307Y	Y	EC24R	BF42	150 x 3,0 x 22,23	6 x 1/8 x 7/8	50	4,8	
DRDEMT7307M	M	EA30S	BF42	180 x 3,0 x 22,23	7 x 1/8 x 7/8	25	4,8	
DRDEMT7307Y	Y	EC24R	BF42	180 x 3,0 x 22,23	7 x 1/8 x 7/8	25	7,5	
DRDEMT9307M	M	EA30S	BF42	230 x 3,0 x 22,23	9 x 1/8 x 7/8	25	7,5	
DRDEMT9307Y	Y	EC24R	BF42	230 x 3,0 x 22,23	9 x 1/8 x 7/8	25	7,5	

Weights are approximate

[DxTxb = Diameter x Thickness x bore]

Table speed guide [see p.7]



ENERGY "GRIND" Grinding discs for hand-held machines

MABTOOLS Energy Grind discs have been designed and manufactured to provide the best snagging performances on steel, stainless steel, cast iron and stone.

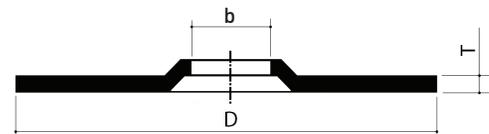
Energy range has been designed to be versatile, paying particular attention to materials and applications.

Discs are manufactured using top quality European raw materials, corundum and silicon carbide, mixed with resin

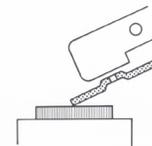
bonds and special fillers.

The fibreglass reinforce nets are selected for their quality and strength, resulting in maximum safety when using the disc.

The main feature of Energy Grind discs is the high stock removal. This allows better performances during the most common snagging operations even on large surfaces.



DEPRESSED CENTRE GRINDING DISC, SHAPE T27



SNAGGING WITH ANGLE GRINDERS

Main applications

- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- Rails
- Tanks
- Shipyards
- Pipelines for gas and oil
- General use on metals

Main features

- Versatility
- High stock removal
- Comfort of use
- Long life
- Great quality/price ratio
- oSa certified
- Made in France

CODE	APPLICATION	SPECIFICATION	SHAPE	DIMENSIONS (D x T x b)				MACHINE
				(mm)	(inch)			

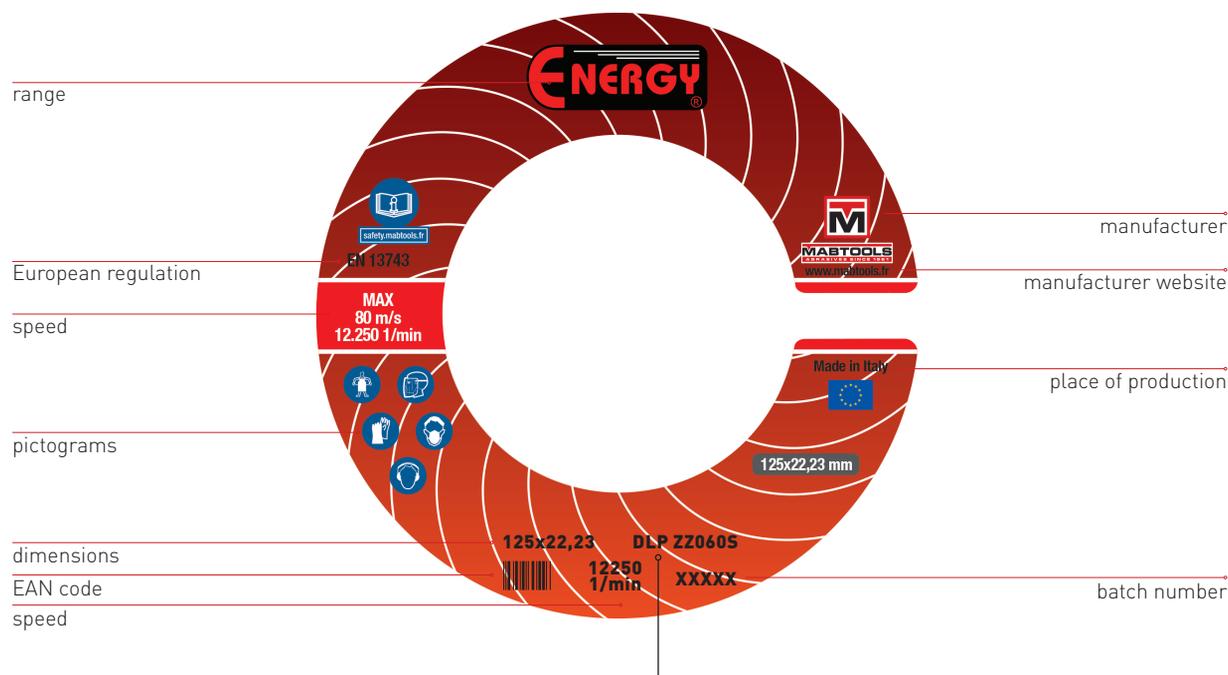
DEPRESSED CENTER GRINDING DISCS-SPEED 80 m/s								
DRDEMT2607I	I	EA30N	BF27	115 x 6,0 x 22,23	4.1/2 x 1/4 x 7/8	50	8,5	
DRDEMT2607K	K	EA30S	BF27	115 x 6,0 x 22,23	4.1/2 x 1/4 x 7/8	50	8,5	
DRDEMT2607Y	Y	EC24R	BF27	115 x 6,0 x 22,23	4.1/2 x 1/4 x 7/8	50	8,5	
DRDEMT5607I	I	EA30N	BF27	125 x 6,0 x 22,23	5 x 1/4 x 7/8	50	10	
DRDEMT5607K	K	EA30S	BF27	125 x 6,0 x 22,23	5 x 1/4 x 7/8	50	10	
DRDEMT5607Y	Y	EC24R	BF27	125 x 6,0 x 22,23	5 x 1/4 x 7/8	50	10	
DRDEMT6607I	I	EA30N	BF27	150 x 6,0 x 22,23	6 x 1/4 x 7/8	25	8	
DRDEMT6607K	K	EA30S	BF27	150 x 6,0 x 22,23	6 x 1/4 x 7/8	25	8	
DRDEMT6607Y	Y	EC24R	BF27	150 x 6,0 x 22,23	6 x 1/4 x 7/8	25	8	
DRDEMT7607I	I	EA30N	BF27	180 x 6,0 x 22,23	7 x 1/4 x 7/8	25	9,7	
DRDEMT7607K	K	EA30S	BF27	180 x 6,0 x 22,23	7 x 1/4 x 7/8	25	9,7	
DRDEMT7607Y	Y	EC24R	BF27	180 x 6,0 x 22,23	7 x 1/4 x 7/8	25	9,7	
DRDEMT9607I	I	EA30N	BF27	230 x 6,0 x 22,23	9 x 1/4 x 7/8	25	16	
DRDEMT9607K	K	EA30S	BF27	230 x 6,0 x 22,23	9 x 1/4 x 7/8	25	16	
DRDEMT9607Y	Y	EC24R	BF27	230 x 6,0 x 22,23	9 x 1/4 x 7/8	25	16	

Weights are approximate
 [D x T x b = Diameter x Thickness x bore]
 Table speed guide (see p.7)

ENERGY FLAP DISCS

HOW TO READ THE LABEL

MABTOOLS flap discs labels are designed according to regulation EN 13743



THE SPECIFICATION

DL P ZZ 060 S

PRODUCT	BACKING	ABRASIVE	GRIT	FLAPS
DL Flap Disc	A Ventilated with M14 F Fibre flat N Reinforced Nylon P Plastic T Fibre tapered	AA Aluminium Oxide CC Silicon Carbide SS Ceramic SZ Ceramic Zirconium ZZ Zirconium	Coarse 40 60 80 120 Fine	D Double M Magnum S Single

Safety regulations

Flap discs should be used at the maximum speed shown in 1/min and m/s on the labels and packaging. The yellow colour of the central stripe indicates the maximum peripheral speed of 80 m/s.

Never exceed this speed.

Practical suggestions

MABTOOLS designs and manufactures flap discs in accordance to European regulation EN 13743.

Before use

Please be sure that the abrasive disc is not damaged. Check the label to ensure disc is suitable for the required application.

Check power, speed and conditions of the machine.

Read the instructions which come with the product carefully.

Wear all the safety accessories.

Check the conditions of the working materials, and ensure

that the workpiece is fixed well.

Mount the disc following the instructions.

During use

When working it is recommended to apply wavy movements to the disc and change the angle to use all its surface.

During the operation it is also recommended to take some breaks to avoid dust and surface heating.

Always wear gloves, helmet and glasses as some disc fragments may come off.

After use

Before disc removal wait until the machine has completely stopped.

Handle discs with care, please do not apply too much pressure or mechanical stress on them.

Destroy expired or damaged products.

Make machine check-up periodically.

Keep the abrasives in a dry place, avoiding variations of temperature.

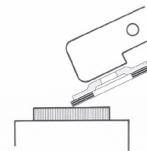


ENERGY FLAP DISCS

Energy range includes flap discs for snagging, polishing and finishing. Energy flap discs stand out for their strength, superior results and performance/price ratio. They are designed and made in Italy, according to the strictest productive standards, in order to guarantee maximum safety. During manufacture only the best raw materials are used, with modern and hi-tech processes.

Ideal for professional operations, Energy flap discs are the best solution with their versatility and efficiency. Available for angle grinders, Energy discs feature zirconium flaps with grain from 40 to 120, for operations on steel, stainless steel, cast iron and aluminium.

Discs backings are available in fibreglass and plastic. Quantity and dimensions of flaps guarantee top performance, comfort of use and reduced noise.



ANGLE GRINDING MACHINES

Main Applications

- Maintenance
- Metal carpentry
- Metal construction
- Auto bodies industry
- Rail
- Tanks
- Shipyards
- Pipelines for gas and oil
- Surface finishing

Main Features

- Plastic and fibreglass backing
- Zirconium cloth
- Full contact of the flaps
- Light weight
- Made in Italy

DIMENSIONS (D x b)		BACKING	GRIT				Box	KG
(mm)	(inch)		40	60	80	120		

FLAP DISCS FOR ANGLE GRINDING MACHINES
ZIRCONIUM OXIDE FLAP DISCS - SPEED 80 m/s

115 x 22	4" 1/2 x 7/8"	FIBRE FLAT	DLFEMT2ZZ040S	DLFEMT2ZZ060S	DLFEMT2ZZ080S	DLFEMT2ZZ120S	200	15
125 x 22	5" x 7/8"	FIBRE FLAT	DLFEMT5ZZ040S	DLFEMT5ZZ060S	DLFEMT5ZZ080S	DLFEMT5ZZ120S	200	14,5
180 x 22	7" x 7/8"	FIBRE FLAT	DLFEMT7ZZ040S	DLFEMT7ZZ060S	DLFEMT7ZZ080S	DLFEMT7ZZ120S	200	18,5

115 x 22	4" 1/2 x 7/8"	PLASTIC	DLPEMT2ZZ040S	DLPEMT2ZZ060S	DLPEMT2ZZ080S	DLPEMT2ZZ120S	200	15
125 x 22	5" x 7/8"	PLASTIC	DLPEMT5ZZ040S	DLPEMT5ZZ060S	DLPEMT5ZZ080S	DLPEMT5ZZ120S	200	14,5
180 x 22	7" x 7/8"	PLASTIC	DLPEMT7ZZ040S	DLPEMT7ZZ060S	DLPEMT7ZZ080S	DLPEMT7ZZ120S	200	18,5

115 x 22	4" 1/2 x 7/8"	FIBRE TAPERED	DLTEMT2ZZ040S	DLTEMT2ZZ060S	DLTEMT2ZZ080S	DLTEMT2ZZ120S	200	15
125 x 22	5" x 7/8"	FIBRE TAPERED	DLTEMT5ZZ040S	DLTEMT5ZZ060S	DLTEMT5ZZ080S	DLTEMT5ZZ120S	200	14,5
180 x 22	7" x 7/8"	FIBRE TAPERED	DLTEMT7ZZ040S	DLTEMT7ZZ060S	DLTEMT7ZZ080S	DLTEMT7ZZ120S	200	18,5

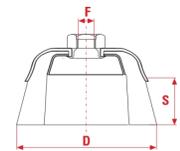
All discs have bore size 22,23 mm (7/8") Maximum speed of use is 80 m/s.
Available upon request with Silicon Carbide cloth CC and Aluminium Oxide AA

BRUSHES

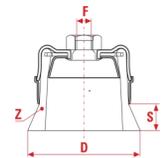
CARACTERISTICS	CODE		MAX : 1/min	
	Steel/Brass	Stainless St		

ANGLE GRINDER

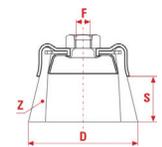
CRIMPED WIRE CUP BRUSH				
High resistance crimped steel wire, ideal for surface deburring, saniting or preparation before painting.				
STEEL 0,35	T80 x M14	trim lenght (S) 25mm	BRMT0128	BRMT0926 14000 1



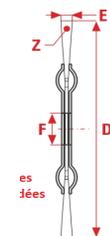
TWIST KNOT CUP BRUSH				
Strong and aggressive brushes. Ideal for removing slags, rust, paints and hard incrustations.				
STEEL 0,50	TU85 x M14	trim lenght (S) 25mm, nb of knots (Z) 22.	BRMT0253	8500 1



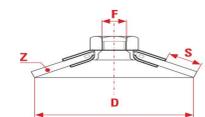
TWIST KNOT CUP BRUSH 'TZ'				
The TZ range is an alternative version for lighter applications having less knots and no retaining ring.				
STEEL 0,50	TZ70 x M14	trim lenght (S) 20 mm, nb of knots (Z) 18.	BRMT0326	BRMT0332 14000 1



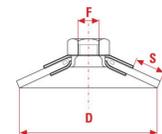
TWIST KNOT WHEEL BRUSH				
Aggressive and suitable for heavy duty applications at high rotation speed, such as preparation and finishing of seam weldings, deburring and mechanical pickling				
STEEL 0,50	U115 x 22	thickness (E) 12mm, nb of knots (Z) 20.	BRMT0501	BRMT0901 20000 1



TWIST KNOT CONICAL BRUSH				
The twisted knots make it an aggressive brush suitable for removing slags and rust. The conical shape makes it an ideal tool for bevelling irregular surfaces with edges and cracks				
STEEL 0,50	CZ95 x M14	trim lenght (S) 32mm, nb of knots (Z) 18.	BRMT0137	14000 1

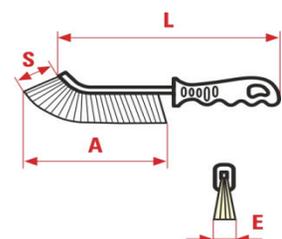


CONICAL BRUSH				
High resistance crimped steel wire brushes, suited for metal surface preparation before painting.				
INOX 0,30	CO90 x M14	trim lenght (S) 20mm	BRMT0946	14000 1



HAND BRUSH "SPID" RED HANDLE

CARACTERISTICS	CODE		
	Steel/Brass	Stainless St	
Universal brush, handy, resistant is ideal for removing rust, paint and dirt from any kind of surface. Its small dimensions, its peculiar bending and the new ergonomic handle make it very handy.			
Wire 0,30 (L) 245mm x (A) 135mm x (S) 28mm, (E) 15mm.	BRMTSPIDAL	BRMTSPIDI	24



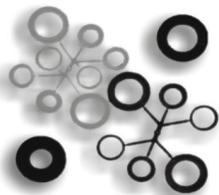
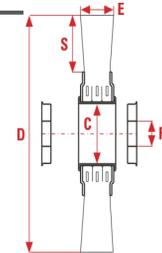
BR

BRUSHES

CARACTERISTICS	CODE	MAX :	
	Steel/Brass Stainless St	1/min	

ELECTRIC TOOL : BENCH

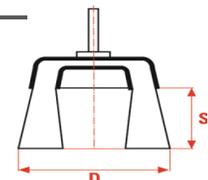
WEEL BRUSH BRUSH						
High resistance crimped steel wire brushes, ideal for surface deburring, satining and polishing.						
STEEL 0,35	150 x 27 x 38	trim lenght (S) 32 mm.	BRMT0060	BRMT0074	6000	1
Delivered with plastic adapters kit for bores : 16-20-25mm (F)						



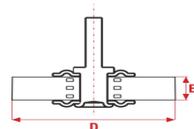
Plastic adapter kit for bores
16 - 20 - 25 mm

ELECTRIC / PNEUMATIC DRILL

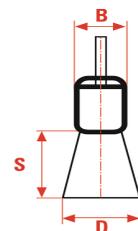
SHAFT MOUNTED CUP BRUSH						
The T range in crimped steel wire with high density is ideal for heavy duty paint removing.						
STEEL 0,30	T50 x 6 x 25	trim lenght (S) 17mm.	BRMT0650	BRMT0984	12000	12



SHAFT MOUNTED BRUSH "GG"						
High resistance crimped steel wire and high wire density. Long lasting, very effective in various industrial applications.						
STEEL 0,30	CG53 x 6 x 25	thickness (E) 12mm.	BRMT0857	BRMT0984	15000	12
STEEL 0,30	CG73 x 6 x 25	thickness (E) 12mm.	BRMT0869	BRMT0973	15000	12



END BRUSH						
High resistance crimped steel wire, for frontal applications with electric or air tools. Zinc-plated with body shaft.						
STEEL 0,30	P22 x 6 x 25	trim lenght (S) 27mm, dia. (B) 20mm.	BRMT0814	BRMT0963	18000	12
STEEL 0,30	P35 x 6 x 25	trim lenght (S) 30mm, dia. (B) 20mm.	BRMT0822		12000	12



TWIST KNOT END BRUSH						
Suited for high rotation speed applications, for cleanin burrs, slags, paint.						
STEEL 0,20	PZ20 x 6 x 16 TEMPERED	trim lenght (S) 28mm, dia. (B) 22mm, twisted knots nb. : 8	BRMT . P13P400A3000		18000	12



CARBIDE BLANKS



Application

For tools makers, and plants producing.

Product range

Most standard items in stock in S' Etienne warehouse, fast delivery.

Technology

6 Grades, many different diameters and length [DIN 332-A](#), [DIN 6527](#), [DIN 8033](#).

Advantages

High technology from European market leader [Sinter Sud](#)



Hard Metal Grades - Specifications

Grade	WC incl. Doping %	CO %	Grain size micron	Density g/cm3	Hardness HRA	Hardness HV30	Transverse rupture strength N/mm2
MK12	88	12	Ultra-fine	14,33	92,5	1730	4500
Suitable for finishing processing and roughing of steels with hardness between 40 and 55 HRC. Suitable for manufacturing with micro end mills on steels applications.							
GF70	91.5	8,5	Ultra-fine	14,5	93,6	1950	4700
Suitable for finishing manufacturing high-speed steels with hardness between 55 and 65 HRC. Suitable for high-speed milling and drilling of cast iron, non ferrous metals, light alloys, composites, laminates of paper, wood and plastic.							
K10F	90	10	Sub-Micron	14,48	92,1	1620	4150
Suitable for steels manufacturing, including non-tempered steels with less hardness than 40 HRC. For aluminum alloys and non-ferrous materials. It can also be used in the manufacture of stainless steel, alloys of titanium and alloys based on nickel.							
K12F	88	12	Sub-Micron	14,22	91,1	1480	3740
Suitable for stainless steel manufacturing, nickel-based alloys (super alloys), titanium alloys. Suitable for roughing drilling of irregular surfaces of stainless tender or tough.							
K30	91	9	Medium	14,63	91	1520	2900
Particularly suitable for applications where a modest resistance to wear is requested, but a lot of toughness. Suitable, then, for woodworking and working with interrupted cuts.							

OUR DISPLAYS



DIRECTIVES, NORMS AND STANDARDS

ANSI American National Standards Institute

ANSI B7.1-2010

Safety Requirements for the Use, Care and Protection of Abrasive Wheels

AS Australian Standards

AS 1788.1-1987

Abrasive wheels - Design, construction, and safeguarding

AS 1788.2-1987

Abrasive wheels - Selection, care, and use

DI European Directives

DI 95/16/EC 29/06/1995

Permits the free circulation of lifts and its safety components within the internal EU market and ensures a high level of safety for lift users and maintenance staff.

DI 98/37/EC 22/06/1998

Harmonises the design and construction of machinery with the aim of protecting the safety of workers using such machinery.

DI 2001/95/EC 03/12/2001

Applies in the absence of specific European regulations, governing the safety of certain categories of products or if specific regulations (sectoral) are insufficient. Furthermore, it is to be applied without prejudice to Directive 85/374/EEC concerning liability for defective products.

DI 2006/42/EC 17/05/2006

Provides the regulatory basis for the harmonisation of the essential health and safety requirements for machinery at European Union level. Replaces the Machinery Directive 98/37/EC.

DIN Deutsches Institut für Normung

DIN 332

60° centre holes - types R, A, B, and C

DIN 6527

Solid hardmetal end mills with stepped parallel shank - Dimensions

DIN 8033

Hardmetal burrs - technical requirements

EN European Norms

EN 149

Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking

EN 166

Personal eye-protection - Specifications

EN 352

Hearing protectors

EN 388

Protective gloves against mechanical risks

EN 792

Hand-held non-electric power tools - Safety requirements

EN 12413

Safety requirements for bonded abrasive products

EN 13218

Machine tools - Safety - Stationary grinding machines

EN 13236

Safety requirements for superabrasive products

EN 13743

Safety requirements for coated abrasive products

EN 13674

Railway applications - Track - Rail - Part 1 : vignole railway rails 46 kg/m and above

EN 60745

Hand-held motor operated electric tools - Safety - Part 2-3 : particular requirements for grinders, polishers and disk-type sanders

EN 61029

Safety of transportable motor-operated electric tools

ISO European Norms ISO International Standards

EN ISO 6103

Bonded abrasive products - Permissible unbalances of grinding wheels as delivered - Static testing

EN ISO 7010

Graphical symbols - Safety colours and safety signs - Registered safety signs

EN ISO 11611

Protective clothing for use in welding and allied processes

EN ISO 11612

Protective clothing - Clothing to protect against heat and flame

EN ISO 19432

Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements

EN ISO 20345

Personal protective equipment - Safety footwear

DIRECTIVES, NORMS AND STANDARDS

ISO International Standards

ISO 525

Bonded abrasive products - General requirements

ISO 3864

Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels

ISO 13942

Bonded abrasive products -- Limit deviations and run-out tolerances

Safety recommendations

Employers shall carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They shall ensure that their employees are suitably trained to carry out their duties. All users of abrasive products in the interest of their personal safety shall follow recommendations contained in Safety recommendations leaflet. For more detailed information on the safe use of abrasive products, please refer to Safety Codes

- FEPA Safety Code for Bonded Abrasives and Precision Superabrasives.
- FEPA Safety Code for Superabrasives for Stone and Construction.
- FEPA Safety Code for Coated Abrasives.

Please contact us to obtain a copy.

Voluntary Product Information (VPI) based on the format of a Safety Data Sheet

Under the REACH Regulation, the Safety Data Sheets (SDS) are only foreseen for substances and mixtures. For this reason a Safety Data Sheet has not to be provided by MABTOOLS for its abrasive products. MABTOOLS, as a member of FEPA, has nonetheless decided, on a voluntary basis and with no legal obligation, to provide a Voluntary Product Information (VPI) with the same format of a Safety Data Sheet.

Contact us to receive our VPIs as pdf.

3926.90.97 Plastic rings - MBR

6804.10.00 Standard abrasive wheels MB

6804.21.00 Diamond wheels and discs - DIA

6804.22.12 Non-reinforced resinoid wheels. Resinoid segments. Mini Discs

6804.22.18 Flat or depressed center cutting discs - Reinforced resinoid wheels. DR

6804.22.30 Vitrified bonded wheels and segments. MB

6804.22.50 Rubber bonded wheels RR printed

6804.30.00 Flap discs - DL

6804.30.00 Abrasives stones-Sharpener stones

6805.10.00 Abrasive Clothes - FE

6805.20.00 Abrasive sheets - Self-adhesive sanding discs DV

6805.30.00 Spyr discs DS- Fibre discs on vulcanised back DF

6805.20.00 Mounted flap wheels RLP-RLF

8207.50.10 Diamond holesaw

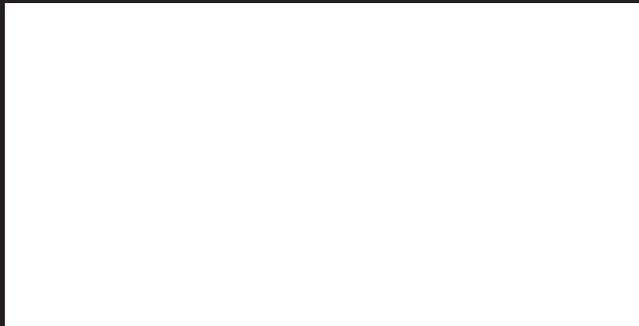
8207.60.10 Diamond tools - DD

GEN-EN-14-1.0
by GA-ST-F-PB



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safety.mabtools.fr