




DIAMOND TOOLS





CMP completely renews its range of diamond discs.

Thanks to our experience in this market, the new CMP DIAMANT discs provide what our customers demand: excellent quality, a complete and consistent range and a competitive price.

A PRODUCT HIGHLY TECHNOLOGICAL

A diamond blade is built on a base or core of steel, to which segments are attached, which are the ones with cutting power.

These segments are made by mixing metallic powder of different composition (cobalt, tungsten, copper, iron, etc...), in a certain proportion, together with a composition of resins that act as binders.

This metallic mixture is combined with diamonds of different size and hardness, and in the desired concentration.

The metallic mixture produced in this way is then molded into a segment and subjected to a heat treatment that gives it its metallic hardness and resistance.

This mixture is made from powder of different metals with diamonds whose size and quantity is determined depending on the material that the disc is going to cut. Likewise, the metals chosen for the mix and their proportion will depend on the intended use of the disc.

That gives an idea of how important the choice of the right disc is for each material: the best of machines will not give an optimal result without the right disc.

For this reason, CMP expert will advise you on all the relevant variables when recommending the best disc for each use.



INFORMATION REGARDING USE AND SAFETY OF DIAMOND TOOLS.

The diamond tools CMP are manufactured according to EN13236 to ensure safety of use and working.

On all kinds of blades - those with laser welded segments on the steel core as well as those with continuous or turbo rim - destructive, non-destructive and cutting tests are carried out, in order to guarantee the constant high quality.

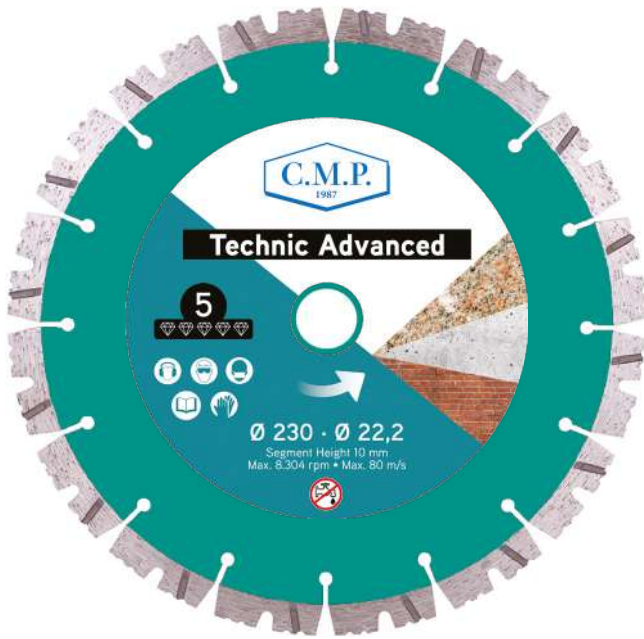




DRY

TECHNIC ADVANCED

Fast cutting of a wide variety of building materials, including all types of natural stone. Effective work in dust removal thanks to the special design of segments.



TECHNIC ADVANCED

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6917633	115	22,23	2,2	10
6917613	125	22,23	2,2	11
6917615	180	22,23	2,6	12
6917617	230	22,23	2,6	12



DRY

LASER BETON

Professional blade enabling fast cutting of a wide range of building materials. Almost safety granted by the laser welding. The 10 mm high segments ensure longer life and optimize cost per cut.



LASER BETON

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905130	115	22,23	2,2	10
6905131	125	22,23	2,2	10
6905135	180	22,23	2,4	10
6905138	230	22,23	2,6	10



DRY

TURBO BETON

Designed for a wide variety of building materials, including reinforced concrete. Universal application, optimal lifetime-cutting speed ratio.

TURBO BETON

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905001	115	22,23	2,2	10
6905002	125	22,23	2,2	10
6905003	180	22,23	2,4	10
6905004	230	22,23	2,6	10



DRY

TURBO GRANITE

Professional blade for fast cutting on granite. The 9 mm high rim grants long life. The diamond inserts on the side make working easier and faster on any kind of granite, while the narrow pitch of the turbo rim allows perfect finishing.

TURBO GRANITE

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6908001	115	22,23	2,4	9
6908003	125	M14	2,4	9
6908005	180	M14	2,6	9
6908007	230	22,23	2,8	9
6908009	230	CF	2,8	9



DRY

TURBO UNIVERSAL

Turbo saw blade for cutting many different types of materials. Product which offers excellent value for money.



TURBO UNIVERSAL

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6907020	115	22,23	2,2	10
6907021	125	22,23	2,2	10
6907026	230	22,23	2,6	10



DRY

MARBLE

Specific blade for dry cutting of marble, plastic material, plexiglas, polycarbonate, polyethylene etc. granting perfect finishing along with high efficiency. Makes the cutting of thick slabs as well as slanting cut easier, thanksto the diamond inserts on the sides. The use on materials like concrete and granite will permanently damage the blade's functionality.



MARBLE

Code	Ø mm	Inner hole mm	Thickness mm
6980013	115	22,23	1,3
6980011	125	22,23	1,3
6980019	180	22,23	1,9
6980026	230	22,23	1,9
6980028	230	CF	1,9



DRY

CERAMIC

Diamond blades continuous rim for ceramic tiles. This blade is studied specifically for those who do not need to cut the hardest ceramic tiles: it does, in fact, guarantee the best performance on medium and softer tiles.



CERAMIC

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6907001	115	22,23	1,6	7
6907003	125	22,23	1,6	7
6914681	180	22,23	2,4	8
6914680	230	22,23	2,6	8



DRY

GRES TURBO

Product designed for dry cutting on any tile, including porcelain gres. The 1,3 mm diamond thickness ensures highest cutting performances on hard tiles. The central double flange makes the blade mechanically resistant.



GRES TURBO

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
69080030	115	22,23	1,3	7
69080033	125	22,23	1,3	7



DRY

MULTIGRES

This extra-slim blade is the market's most popular and most imitated blade. The version stands out for its diamond crown design which produces higher cutting speed. The longer life is obtained by 10 mm of the height of the crown.



MULTIGRES

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6914637	115	22,23	1,4	10
6914633	125	22,23	1,4	10



DRY

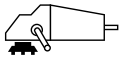
ESTHETE

High quality cutting of ceramic tiles and glazed porcelain. Ultra-thin diamond layer of 1,1 mm allows to perform precise and delicate cut. The core of the blade has “see through” effect, which allows to control the line of the cut. Laser segmentation provides effective cooling of the cutting layer and provides cutting stability.



ESTHETE

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6914636	115	22,23	1,1	8
6914635	125	22,23	1,1	8



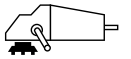
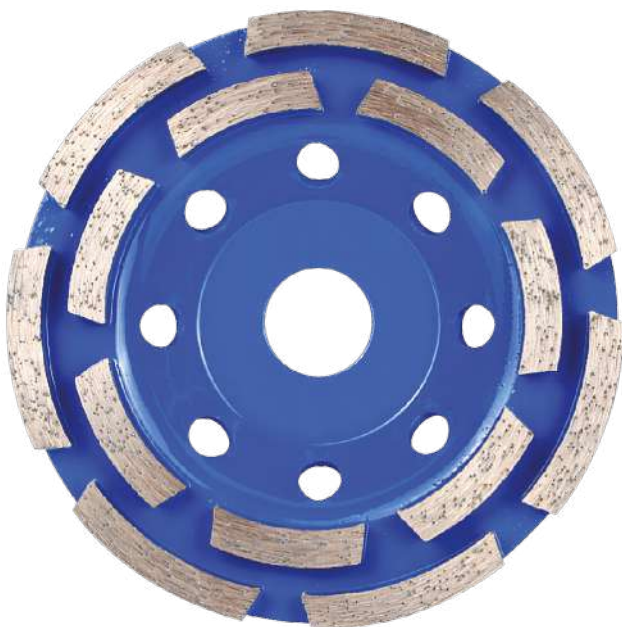
DRY

CUP WHEEL TURBO ALUMINIUM

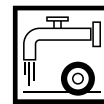
Diamond grinding wheel for smoothing jobs on laying hard materials. Suitable for concrete and granite. Aluminium body is light and absorbs better the vibration. Coarse diamond grit to remove easy the material.

CUP WHEEL TURBO ALUMINIUM

Code	Ø mm	thread	seg. dimensions mm
6908040	100	M14	20 x 5
6908041	125	M14	20 x 5



DRY



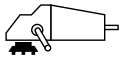
WET

CUP WHEEL BETON

The Universal Cup was created because of the need to provide a product of good quality just right for those who don't use it every day. Thanks to the holes in its body the dust is removed when the tool is used on grinding machines fitted with a suction unit. For universal purposes in the construction field or specific uses (marble, granite) in the stone sector.

CUP WHEEL BETON

Code	Ø mm	Inner hole mm	Height mm
6937930	100	22,23	6
6937931	125	22,23	6
6937932	180	22,23	6



DRY

CUP WHEEL RAPTOR

This suitable for sanding and grinding machines. Its special shape and the position of the holes between segments allow a better dust extraction, collecting it right where it's more present. The special shape of its segment highly increases its speed and smoothness. It's suitable either for universal use in construction field or for specific use like in stone field (marble and granite).



CUP WHEEL RAPTOR

Code	Ø mm	Inner hole mm	Height mm
6937938	125	22,23	7



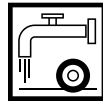
DRY

G35 - VACUUM BRAZED CORE DRILL

Code	application	Ø x H mm
6900380		6 x 10
6900384		8 x 10
6900385	Diamond core drill vacuum brazed, for dry drilling on porcelain tiles - ceramic marble - granite. For angle grinder machine - speed 10.000 - 11.000 rpm.	10 x 10
6900386		12 x 10
6900397		20 x 10
6900379		22 x 10
6900396		25 x 10
6900387		30 x 10
6900388		35 x 10
6900389		40 x 10

G35 - VACUUM BRAZED CORE DRILL

Code	application	Ø x H mm
6900392		50 x 10
6900399		55 x 10
6900393	Diamond core drill vacuum brazed, for dry drilling on porcelain tiles - ceramic marble - granite. For angle grinder machine - speed 10.000 - 11.000 rpm.	60 x 10
6900403		65 x 10
6900395		80 x 10
6900400		100 x 10
6900372		110 x 10
6900371		120 x 10
KIT 6900402		20/35/40/50/60
KIT 6900369		3x6 / 2x8 / 1x16 / 1x12



WET

UNI BETON

Laser welded blade offers reliability and precision to professional users, granting good results on many types of material, especially on reinforced concrete.

UNI BETON

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905060	250	25,4	2,6	10
6905062	300	25,4	2,8	10
6905064	350	25,4	2,8	10
6905066	400	25,4	3,2	10



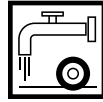
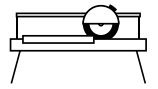
WET

UNI BETON BIG SIZES

Professional blade suitable for wet cutting a wide range of building materials. Laser welded.

UNI BETON BIG SIZES

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905068	450	25,4	3,6	10
6905070	500	25,4	3,8	10
6905072	600	25,4	4,5	10
6905114	650	25,4	4,5	10
6905116	700	60	5,0	10
6905122	900	60	5,0	10



WET

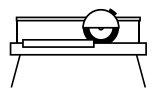
MARBLE

Saw blade ideal to cut any kind of marble, granting perfect finishing and very high performance. The 10 mm high segments grant the blade's long life. Version with sandwich steel core also available.



MARBLE

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
8730516	300	50	2,8	10
8735516	350	50	3,2	10
8740616	400	60	3,6	10
8750616	500	60	4,5	10



WET

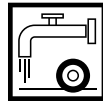
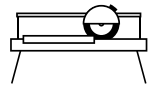
GRANITE

Saw blade ensuring excellent finishing, high cutting speed on any kind of granite as well as longer life, thanks to the 10 mm high segments. Version with sandwich steel core also available.



GRANITE

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
7730592	300	50	2,8	10
7735592	350	50	3,0	10
7740692	400	60	3,4	10
7750692	500	60	3,8	10



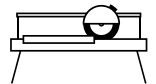
WET

CERAMIC

High quality cutting of ceramic tile and porcelain gres with decorative surfaces. Clean cut (without chipping), wide choice of work material. Long lifetime and low unit costs for material processing.

CERAMIC

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6914651	200	25,4	1,6	10
6914641	250	25,4	1,6	10
6914715	300	25,4	2,0	10
6914642	350	25,4	2,2	10



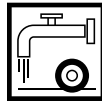
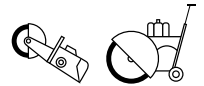
WET

PORCELAIN GRES

Professional blade specially designed for wet cutting of glazed gres tiles. The reduced distance between the diamond segments allows an excellent finishing. The graphite powder allows high cutting speed and less friction on hard materials. The 10 mm high segments ensure longer life and optimize cost per cut metre.

PORCELAIN GRES

Code	Ø mm	Inner hole mm	Seg. dimensions mm
6914661	200	25,4	1,7 x 10
6914659	250	25,4	1,7 x 10
6914660	300	25,4	2,4 x 10
6914662	350	25,4	2,4 x 10
6935509	400	25,4	2,8 x 10



WET

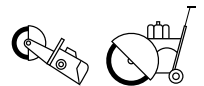
REINFORCED CONCRETE

The cutters are intended for all types of concrete used in civil engineering. High wear resistance at multi-elevated surfaces. Precise balancing of the cutter extends the service life of the angle grinder.

REINFORCED CONCRETE

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905062	300	25,4	2,8	10
6905064	350	25,4	3,2	10
6905066	400	25,4	3,5	10
6905068	450	25,4	3,8	10

* Bigger sizes available upon request



WET

ASPHALT

Blade for professional users. Ideal for asphalt cutting with joint cutting machines with power up to 12 HP. Laser welding of all segments, including the undercutting ones protecting the core.

ASPHALT

Code	Ø mm	Inner hole mm	Thickness mm	Height mm
6905040	300	25,4	2,8	10
6905042	350	25,4	3,2	10
6905044	400	25,4	3,5	10
6905046	450	25,4	3,8	10

* Bigger sizes available upon request



WET



WET DIAMOND CORE DRILL

Professional tool enabling wet drilling of concrete and reinforced concrete walls; it is produced with diamond segments which guarantee high working speed and long life. Cuneiform segments allow an easier cut and the Laser welding enable to work in total.

WET DIAMOND CORE DRILL RS7

Code	Ø mm	Userful length mm	Thread	Seg. dimensions mm
6903648	42	450	1" 1/4	24 x 3,0 x 11
6903649	47	450	1" 1/4	24 x 3,5 x 11
6903653	52	450	1" 1/4	24 x 3,5 x 11
6903654	62	450	1" 1/4	24 x 3,5 x 11
6903655	68	450	1" 1/4	24 x 3,5 x 11
6903656	72	450	1" 1/4	24 x 3,5 x 11
6903658	82	450	1" 1/4	24 x 3,5 x 11
6903660	102	450	1" 1/4	24 x 3,5 x 11
6903661	112	450	1" 1/4	24 x 3,5 x 11
6903662	122	450	1" 1/4	24 x 3,5 x 11
6903663	127	450	1" 1/4	24 x 3,5 x 11
6903664	132	450	1" 1/4	24 x 3,5 x 11
6903665	142	450	1" 1/4	24 x 4,0 x 11
6903652	152	450	1" 1/4	24 x 4,0 x 11
6903667	162	450	1" 1/4	24 x 4,0 x 11
3903669	182	450	1" 1/4	24 x 4,0 x 11
6903666	200	450	1" 1/4	24 x 4,0 x 11
6903650	250	450	1" 1/4	24 x 4,5 x 11



6999913	Adaptor 1" 1/4 UNC female to 1/2" GAS female 1" 1/4 UNC female to 1/2" BSP female adaptor
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6999928	Adapter 1/2" GAS male to 1"1/4 male 1/2" BSP male to 1" 1/4 UNC male adaptor
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6999911	Hilti core rig adapter BI+ TO BS 1-1/4"-7
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6999912	Hilti core bit adapter DD-BU 1" 1/4" UNC
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6999958	Hilti core rig adapter BL to BS (1-1/4"x7)
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6999916	Extension 1" 1/4 UNC female/male L=300 mm 1" 1/4 UNC x 300 mm extension rod
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6999910	Extension 1" 1/4 UNC female/male L=500 mm 1" 1/4 UNC x 500 mm extension rod
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	ASPHALT	SANDSTONE	GREEN CONCRETE	CONCRETE	REINFORCED CONCRETE	CERAMIC	FIRED BRICKS	DEKTON	CLINKER	AGGREGATED CONCRETE	GRANITE	TILES	PORCELAIN TILES	LAPITEC - DEKTON	MARBLE	BRICK	PLEXIGLAS	POROTON	PVC	PORPHYRY	REFRACTORY
TECHNIC ADVANCED			Optimal	Optimal	Optimal		Occasional		Occasional	Suitable	Occasional					Optimal		Suitable			
LASER BETON		Occasional	Optimal	Optimal	Suitable		Occasional		Occasional	Optimal	Occasional					Optimal		Suitable			
TURBO BETON			Optimal	Optimal	Optimal		Optimal		Suitable	Suitable	Optimal				Occasional	Suitable				Suitable	
TURBO GRANITE			Suitable	Suitable	Suitable		Suitable		Suitable	Occasional	Optimal				Occasional	Occasional				Optimal	
TURBO UNIVERSAL			Suitable	Optimal	Occasional		Suitable			Occasional						Optimal		Occasional			
MARBLE															Optimal		Optimal		Optimal		
CERAMIC						Optimal	Suitable		Suitable			Suitable	Occasional		Occasional						
GRES TURBO						Optimal	Suitable		Optimal			Optimal	Optimal								
MULTIGRES						Optimal	Optimal		Optimal			Optimal	Optimal	Occasional							
ESTHETE						Suitable	Optimal	Optimal	Optimal			Optimal	Optimal	Optimal							
CUP WHEEL TURBO ALUMINIUM							Suitable			Optimal	Optimal				Suitable					Suitable	
CUP WHEEL BETON		Occasional		Optimal						Suitable						Suitable		Occasional			
CUP WHEEL RAPTOR		Occasional		Optimal						Optimal	Occasional					Suitable		Suitable			Occasional
UNI BETON		Occasional	Optimal	Optimal	Suitable		Occasional		Occasional	Optimal	Occasional					Optimal		Suitable			
UNI BETON BIG SIZES		Occasional	Optimal	Optimal	Suitable		Occasional		Occasional	Optimal	Occasional					Optimal		Suitable			
MARBLE															Optimal						
GRANITE										Optimal										Suitable	
CERAMIC						Optimal	Optimal		Optimal			Occasional			Occasional						
PORCELAIN GRES						Suitable	Suitable	Suitable	Optimal		Occasional	Optimal	Optimal		Occasional						
REINFORCED CONCRETE		Occasional	Optimal	Optimal	Optimal					Suitable						Suitable		Optimal			Occasional
ASPHALT	Optimal	Suitable		Occasional																	Suitable

OPTIMAL
SUITABLE
OCCASIONAL
NOT SUITABLE



DIAMOND TOOLS

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