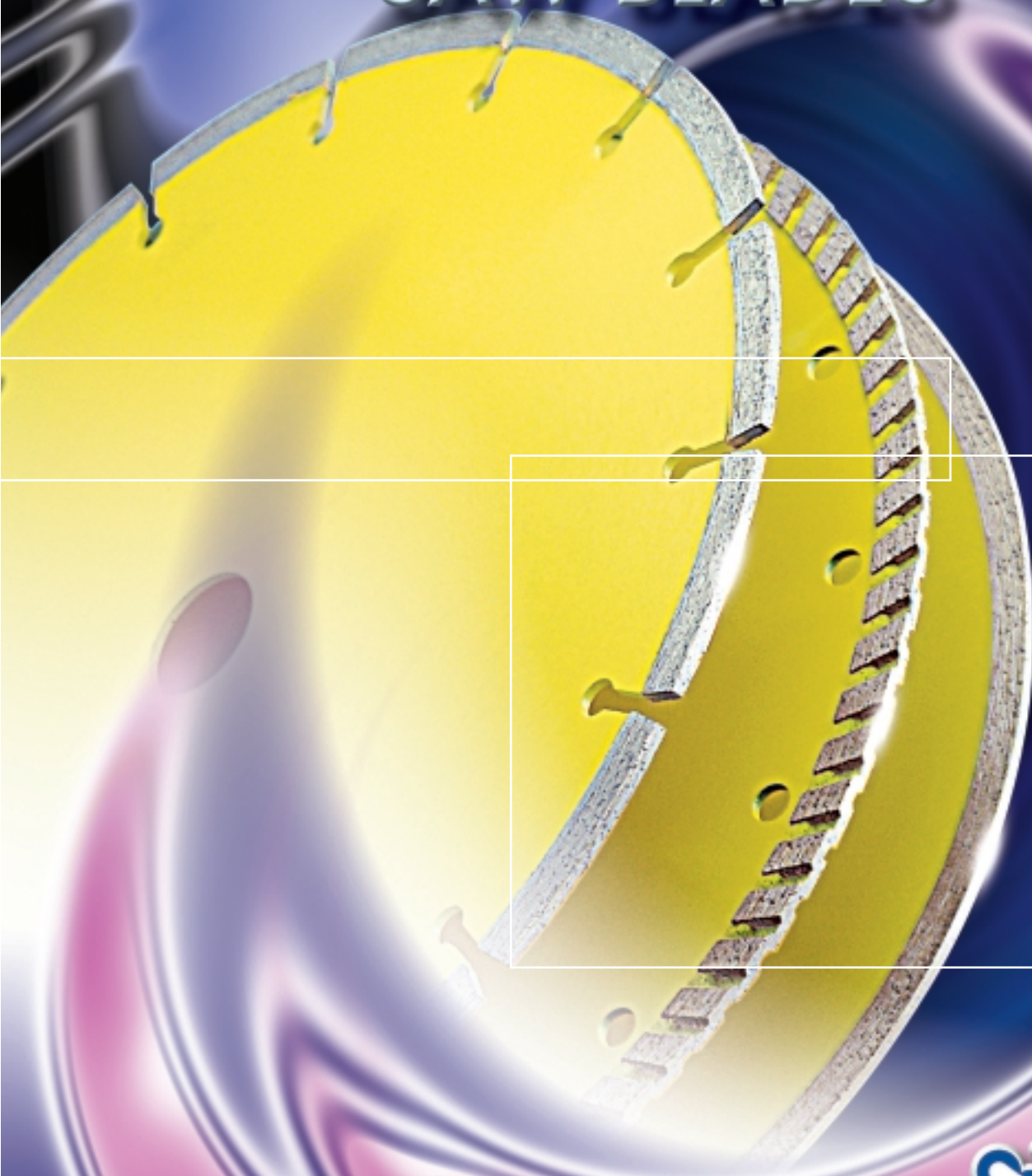


METAL BONDED DIAMOND SAW BLADES



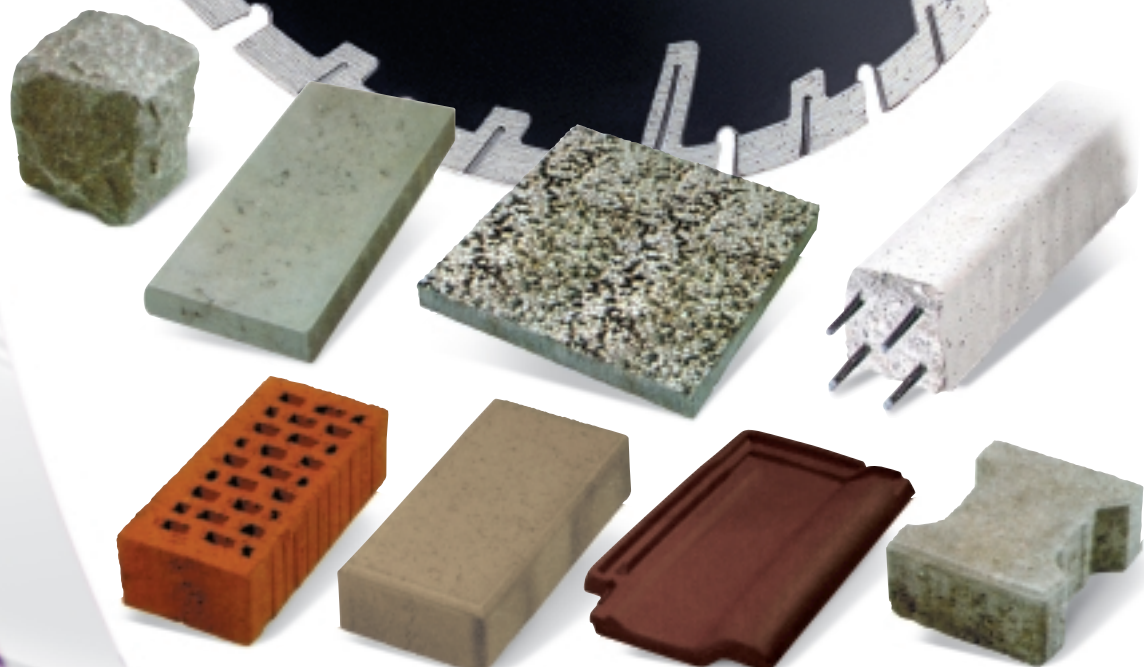
C O M E T

SKORPIO STABIL

A completely new, safer way of cutting

APPLICABLE FOR CUTTING OF: concrete, reinforced concrete, water stones, clinker, granite, and other hard materials...

- ▶ smoother cut
- ▶ fast cutting
- ▶ less overheating



RUNNER TOP



**Completely safe
segment tothing,
sintered into
high-quality steel
blade.**

**For cutting medium to
very hard construction
materials and natural
stone.**

- Patented segment shape
- Smaller lateral segment wear, preventing cutting wheel jams or sticking
- Segments do not fall out due to optimal adhesion to the steel blade
- Good cooling of cutting segments, even for longer cutting times
- A newly developed metal bond makes cutting lengths of several meters possible
- Fast cutting even of very hard materials
- Precision control of cutting wheel direction and complete protection of the steel blade
- Improved cutting surface quality
- Effective dust removal and cutting with minimum subsequent machining
- Dimensions: 115, 180 and 230 mm, with a standard bore diameter of 22.2 mm



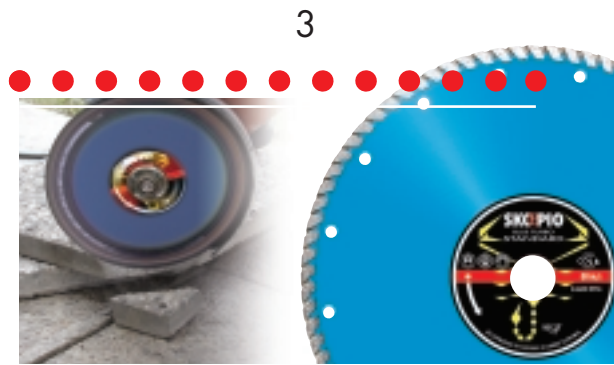


TRADEMARKS AND QUALITY LEVELS

**SKORPIO
ECONOM**



**SKORPIO
STANDARD**

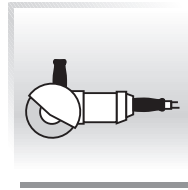
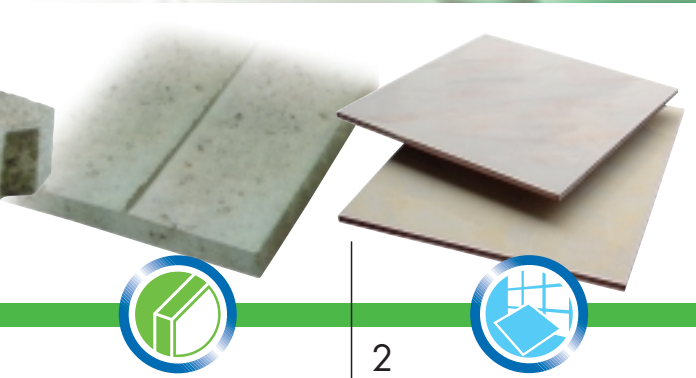


**SKORPIO
TOP**



**SKORPIO
SPECIAL**





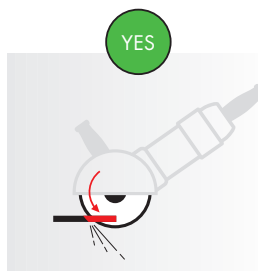
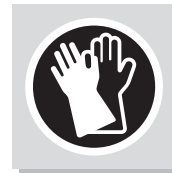
2



5



WARNINGS FOR SAFE USE



80 m/s



SHARPENING

If the SAW BLADES BECOMES DULL as a result of being used on an unsuitable, excessively hard material, excessive cutting pressure or excessive sparking, it can be sharpened using a soft vitrified-bonded cutting wheel or sandstone.

COOLING

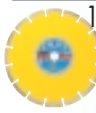





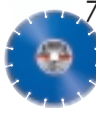
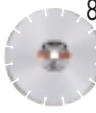

After every two (2) minutes of cutting, ALWAYS let the saw blade cool down. Stop cutting and let the saw blade run freely for 10 seconds.

DEPTH OF CUT

Use cutting wheels with a diameter of **115 mm** for cutting depths of up to **2 cm**

Use cutting wheels with a diameter of **180 mm** for cutting depths of up to **3 cm**

Use cutting wheels with a diameter of **230 mm** for cutting depths of up to **4 cm**

	PRODUCT	EXTERNAL DIAMETER D mm	INTERNAL DIAMETER H mm	TYPICAL APPLICATION	HIGHLY RECOMMENDABLE good durability and cutting performance	RECOMMENDABLE poor durability and cutting performance	MARGINALLY RECOMMENDABLE poor cutting performance	WARNING
	1 SKORPIO ECONOM SEGMENT	110, 115, 230	22.2	CONSTRUCTION	CONCRETE, SOFT ROOF TILES	/	GRANITE, MARBLE	NOT for asphalt or abrasive materials
	2 SKORPIO ECONOM CONTI	110,115,150, 230, 300	22.2 25.4	CONSTRUCTION	CERAMIC TILES	/	/	NOT for asphalt or abrasive materials
	3 SKORPIO BLUE TURBO	115, 180, 230	22.2	CONSTRUCTION	CONCRETE, REINFORCED CONCRETE	GRANITE	OTHER MATERIALS	NOT for asphalt or abrasive materials
	4 SKORPIO METAL LASER	115, 180, 230	22.2	MASONRY	MARBLE, GRANITE fine cutting	CONCRETE, REINFORCED CONCRETE	OTHER MATERIALS	NOT for asphalt or abrasive materials
	5 SKORPIO SILVER CONTI	110,150, 180, 230	22.2	CONSTRUCTION	CERAMIC TILES, GRANITOGRES fine cutting	/	OTHER MATERIALS	NOT for asphalt or abrasive materials
	6 SKORPIO STABIL RUNNER	115, 180, 230	22.2	CONSTRUCTION MASONRY	CONCRETE(REINF.), ROOF TILES,GRANITE, MARBLE fast cutting	ASPHALT, FIRECLAY, ABRASIVE MATERIALS	/	FOR ALL MATERIALS
	7 SKORPIO BLUE LASER	115, 180, 230, 300, 350	22.2 25.4	MASONRY	GRANITE, MARBLE fast cutting	OTHER MATERIALS	/	NOT for asphalt or abrasive materials
	8 SKORPIO SILVER LASER	115, 180, 230	22.2	CONSTRUCTION	ASPHALT, FIRECLAY, CEMENT SCREED, ABRASIVE MAT.	SOFT CONCRETE	CONCRETE	FOR abrasive materials
	9 SKORPIO CUP 1 CUP 2	115, 125, 180	22.2	CONSTRUCTION	GRINDING OF CONCRETE WALLS	GRANITE	OTHER MATERIALS	NOT for asphalt or abrasive materials

CORRECT HANDLING

1. **DO** always transport and handle the wheels with extreme caution.
2. **DO** always protect the wheels from mechanical damage and adverse environmental influences during storage.
3. **DO** always follow the information on the label or wheel when selecting a cutting wheel, as well as information from the catalogue on limitations of use.
4. **DO** always request additional information from the seller or supplier when in doubt concerning wheel selection.
5. **DO** always visually inspect cutting wheels before mounting and eliminate damaged ones.
6. **DO** always mount the wheel onto the machine in accordance with the wheel manufacturer's instructions.
7. **DO** always switch off the power on the machine before changing the wheel.
8. **DO** always use the original tools supplied by the machine manufacturer to change the wheel.
9. **DO** always use the correct wheel mounting flanges for grinding wheels and check that they are undamaged, clean and free of burrs.
10. **DO** always check to see that the workpiece is firmly secured before beginning cutting.
11. **DO** always allow newly mounted wheels to run at operating speed for at least 60 seconds before cutting.
12. **DO** always install a safety guard on the machine before cutting.
13. **DO** regularly check the operating speed of the machine, and ALWAYS after maintenance and repairs.
14. **DO** always wear personal protective gear, depending on the machine type and application: protective wear for eyes and face, protective footwear, gloves, ear protection, respiratory protection (face masks), and other safety gear.
15. **DO** always use the wheels for the applications they were designed for.
16. **DO** always place the machine in an appropriate place, where there is no possibility of mechanical damage.
17. **DO** always keep the workplace orderly, to prevent slips or falls during cutting operations.
18. **DO** always observe the direction of cutting as indicated on the wheel.

INCORRECT HANDLING

- DON'T** ever handle wheels roughly.
- DON'T** ever use a wheel without first checking its intended application.
- DON'T** ever use a damaged or incorrectly used wheel.
- DON'T** ever mount a damaged wheel.
- DON'T** use mounting flanges that are inappropriate, damaged, dirty or worn out.
- DON'T** tighten the mounting flange excessively, as this could damage it.
- DON'T** ever exceed the maximum operating peripheral speed stated on the wheel.
- DON'T** use a machine not in good mechanical condition.
- DON'T** apply excessive pressure to cutting wheels, as this may slow down the machine.
- DON'T** apply side pressure to cutting wheels.
- DON'T** stop the wheel after use by applying pressure to the wheel edge or side. Always switch the machine off and allow the wheel to stop revolving.
- DON'T** use a machine in a position where you do not have full control of the machine.

L E T T H E S P A R K S F L Y



SUBSIDIARIES

COBRA G.m.b.h.	A
COFLEX L.t.d.	M
ECOPACK d.o.o.	SI

JOINT VENTURES

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ZOMKO k.f.t.	H
COMET-ASIA	IR
IDNINA a.d.	MK

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C O M E T

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