

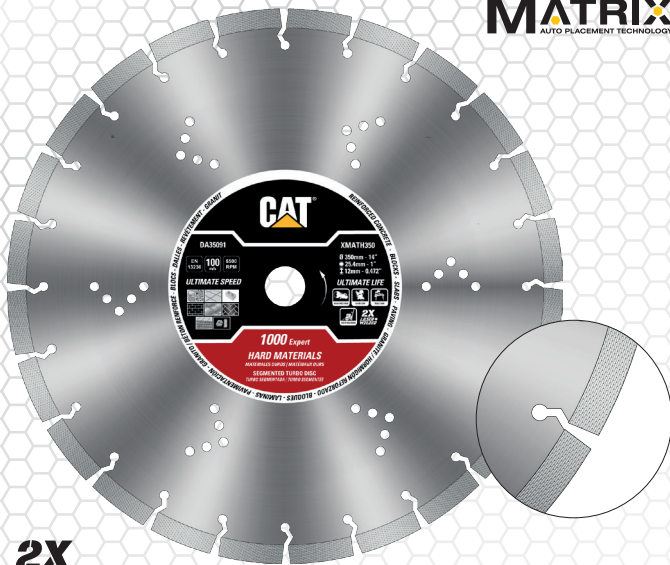


XMATH

MATRIX® SEGMENTED RIM

HARD MATERIALS

1000 Expert



MATRIX
AUTO PLACEMENT TECHNOLOGY

Cat® 1000 Expert Matrix® Auto Placement Technology Hard Material segmented laser welded diamond blades are designed to cut incredibly fast and accurately. The turbo design extracts the fines and debris from the cut aggressively and make a neat cutting edge. High quality diamond grit and unique bonding matrix allows the blade to cut the hardest materials whilst having a great span of application across other substrates and materials. High quality engineered blank with cooling holes keeps the blade cool in the toughest conditions.

ATTRIBUTES

- 2X LASER WELDED FOR SAFETY & STABILITY OF SEGMENTS
- MATRIX® AUTO PLACEMENT TECHNOLOGY
- VENTED COOLING HOLES FOR RAPID HEAT DISPERSION
- SEGMENT DESIGN FOR AGGRESSIVE CUTTING ACTION
- UNIQUE BOND FORMULATION & HIGH QUALITY HIGH CONCENTRATION DIAMOND GRIT
- VERY LONG LIFE & SPEED OF CUT.

APPLICATION

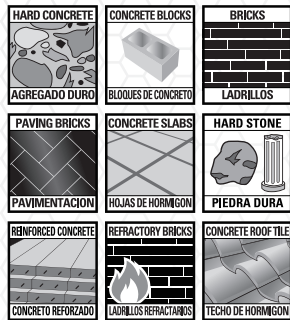
★★★★	HEAVILY STEEL REINFORCED CONCRETE, CRITICALLY HARD AGGREGATE CONCRETE (FLINT, CHERT), HARD TO MEDIUM AGGREGATE CONCRETE (CHERT - TRAP ROCK - RIVER GRAVEL), MEDIUM AGGREGATE CONCRETE (TRAPROCK - QUARTZ), SOFT - MEDIUM AGGREGATE CONCRETE (GRANITE - LIMESTONE), CLASS A ENGINEERING BRICK 125 N/MM², CLAY PIPE - ROOF TILES, CLAY PAVIOURS, QUARRY TILES, TERRACOTTA, PORPHYRY, CLASS B ENGINEERING BRICK 75N/MM², LIGHT REINFORCED CONCRETE, BASALT, HARD LIMESTONE, LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVIOURS - KERBS - SLABS, CONCRETE ROOF TILES - PIPES, HARD FACING BRICK, MEDIUM FACING BRICK.
★★★	DUCTILE IRON, DUCTILE IRON, QUARTZITE, REFRACTORY BRICK, SOFT FACING BRICKS, CONCRETE BLOCKS OVER 15N/MM², HARD SLATE, SOFT SLATE, MARBLE, CONCRETE SCREED.
★★	SOFT SANDSTONE (COARSE GRIT), PLASTER - GROUT, CONCRETE BLOCK UNDER 15N/MM², THERMAL BLOCK 7 N/MM².



DRY CUTTING



WET CUTTING



PRODUCT		DIAMETER		SEGMENT HEIGHT		SEGMENT WIDTH		MAIN ARBOR - BORE		REDUCING RINGS INCLUDED		MACHINES USED
PART NO	CODE NO	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	
DA35090	XMATH300	300	12	12	0.472	3	0.118	20	20mm	N/A	N/A	
DA35091	XMATH350	350	14	12	0.472	3.2	0.126	25.4 + P	1 + P	25.4 - 20	1+P - 20mm	
DA35092	XMATH410	410	16 9/64	12	0.472	3.4	0.134	25.4 + P	1 + P	25.4 - 20	1+P - 20mm	
DA35094	XMATH450	450	18	12	0.472	3.6	0.142	25.4 + P	1 + P	N/A	N/A	



WARNING: This product can expose you to "Nickel" which is known to the State of California to cause cancer and birth defects.
ADVERTENCIA: Este producto puede exponerlo a un "Níquel" que el Estado de California sabe que causa cáncer y defectos de nacimiento.
AVERTISSEMENT: ce produit peut vous exposer à un "Nickel" connu de l'État de Californie pour provoquer le cancer et des malformations congénitales. www.P65Warnings.ca.gov



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SILICA DUST: Workers who are exposed to respirable crystalline silica dust are at increased risk of developing serious silica-related diseases. It is necessary to use saws and other machinery that is equipped with an integrated water delivery system that continuously feeds water to the blade. Operate and maintain all tools in accordance with manufacturer's instructions to minimize dust emissions and always wear the correct ventilator. For more info visit: www.osha.gov/sites/default/files/publications/OSHA3681.pdf