LWE10

TURBO SEGMENTED RIM

HARD MATERIALS

600 Pro

2X LASER WELDED

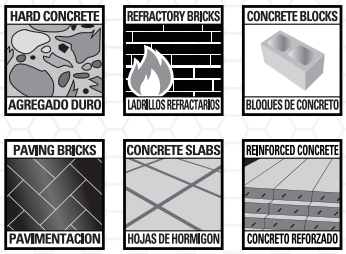
Cat® 600 Pro Hard Material turbo segmented laser welded diamond blades are designed to cut incredibly fast & accurately. The turbo design extracts the fines & debris from the cut aggressively & make a neat cutting edge. High quality diamond grit & unique bonding matrix allows the blade to cut the hardest materials whilst having a great span of application across other substrates & materials. High quality engineered blank with cooling holes keeps the blade cool in the toughest conditions.

ATTRIBUTES

- FULLY HARDENED & HEAT TREATED STEEL CORE
- VENTED COOLING HOLES FOR RAPID HEAT DISPERSION
- 2X LASER WELDED FOR SAFETY & STABILITY OF SEGMENTS
- UNIQUE X TURBO SEGMENT DESIGN FOR AGGRESSIVE CUTTING ACTION
- UNIQUE V TURBO DESIGN CLEARS ABRASIVE FINES FROM THE CUT & GENERATES LESS FRICTION
- UNIQUE BOND FORMULATION & HIGH QUALITY HIGH CONCENTRATION DIAMOND GRIT
- 30 DEGREE KEYHOLE GULLET DESIGN FOR DUST EXTRACTION FROM CUT
- VERY LONG LIFE & SPEED OF CUT.

DRY CUTTING

WET CUTTING



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 PAVERS, QUARRY TILES, TERRA-COTTA, PORPHYRY, CLASS B ENGINEERING BRICK 75N/MM², LIGHT REINFORCED CONCRETE, BASALT, HARD LIMESTONE, LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVERS - CURBS - 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.

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	
DA33007	LWE10115	115	4 1/2	12	0.472	2.2	0.087	22.23	7/8	N/A	N/A	
DA33008	LWE10125	125	5	12	0.472	2.2	0.087	22.23	7/8	N/A	N/A	
DA33009	LWE10180	180	7	12	0.472	2.4	0.094	22.23	7/8	N/A	N/A	
DA33010	LWE10230	230	9	12	0.472	2.5	0.098	22.23	7/8	N/A	N/A	
DA33011	LWE10300	300	12	12	0.472	3	0.118	25.4 + P	1 +P	25.4 - 20	1 - 20mm	
DA33012	LWE10350	350	14	12	0.472	3.2	0.126	25.4 + P	1 +P	25.4 - 20	1 - 20mm	
DA33013	LWE10400	410	16	12	0.472	3.4	0.134	25.4 + P	1 +P	25.4 - 20	1 - 20mm	
DA33014	LWE10450	450	18	12	0.472	3.6	0.142	25.4 + P	1 +P	N/A	N/A	

EN 13236

WARNING: This product can expose you to "Nickel" which is known to the State of California to cause cancer & 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**

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 & other machinery that is equipped with an integrated water delivery system that continuously feeds water to the blade. Operate & maintain all tools in accordance with manufacturer's instructions to minimize dust emissions & always wear the correct ventilator. For more info visit: www.osha.gov/sites/default/files/publications/OSHA3681.pdf

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