DIAMOND BLADE DATA SHEET

VH10

TURBO SEGMENTED RIM

HARD MATERIALS

400 Pro

2X LASER WELDED

Cat® 400 Pro segmented double laser welded Hard Materials blades are a premium laser welded concrete blade. Specially designed unique turbo segments cut aggressively yet smoothly. The engineered core with specifically placed cooling holes keep the blade cool in the harshest of conditions. It performs exceptionally well on all types of heavy-duty concrete & building material applications & is used comprehensively by civil engineering & utility contractors & gives consistent results every time. Ultra fast & wide span of application this is a great choice for those wanting a professional performing blade.

ATTRIBUTES

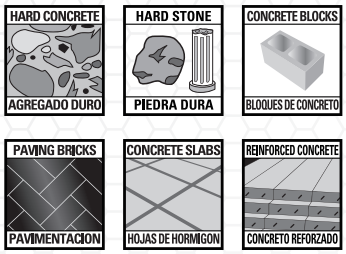
- FULLY HARDENED & HEAT TREATED STEEL CORE
- VENTED COOLING HOLES FOR RAPID HEAT DISPERSION
- 2X LASER WELDED FOR SAFETY & STABILITY OF SEGMENTS
- UNIQUE TURBO SEGMENT DESIGN FOR AGGRESSIVE CUTTING ACTION
- UNIQUE TURBO V DESIGN CLEARS ABRASIVE FINES FROM THE CUT & GENERATES LESS FRICTION
- UNIQUE BOND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

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.

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	
DA32017	VH10115	115	4 1/2	10	0.394	2.2	0.087	22.23	7/8	N/A	N/A	
DA32018	VH10125	125	5	10	0.394	2.2	0.087	22.23	7/8	N/A	N/A	
DA32019	VH10180	180	7	10	0.394	2.4	0.094	22.23	7/8	N/A	N/A	
DA32020	VH10230	230	9	10	0.394	2.5	0.098	22.23	7/8	N/A	N/A	
DA32021	VH10300	300	12	10	0.394	3	0.118	25.4+P	1 +P	25.4 - 20	1 - 20mm	
DA32022	VH10350	350	14	10	0.394	3.2	0.126	25.4+P	1 +P	25.4 - 20	1 - 20mm	
DA32023	VH10400	410	16	10	0.394	3.4	0.134	25.4+P	1 +P	25.4 - 20	1 - 20mm	
DA32024	VH10450	450	18	10	0.394	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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