



# VMM10

## SEGMENTED TURBO RIM

### UNIVERSAL MULTI MATERIALS

400 Pro



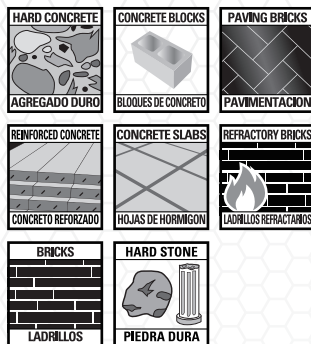
CAT® 400 Pro segmented double laser welded universal hard materials blades are a premium quality laser welded blade. Specially designed unique turbo segments cut aggressively yet smoothly. The engineered core with specifically placed cooling holes keep the blade cool in the harshest of conditions. It performs exceptionally well on wide range of material applications including ultra hard - hard & general purpose applications & is used comprehensively by civil engineering & utility contractors & gives consistent results every time.

#### 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

★★★★	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, TERRACOTTA, CLASS B ENGINEERING BRICK 75 N/MM², HARD LIMESTONE, LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVERS - CURBS - SLABS, CONCRETE ROOF TILES - PIPES, HARD FACING BRICK, MEDIUM FACING BRICK, CONCRETE BLOCKS OVER 15N/MM², HARD SLATE, HARD SANDSTONE (FINE GRIT), MEDIUM SANDSTONE (MEDIUM GRIT).
★★★	GRANITE, QUARTZITE, HEAVILY STEEL REINFORCED CONCRETE, CRITICALLY HARD AGGREGATE CONCRETE (FLINT, CHERT), REFRACTORY BRICK, CLAY PIPE - ROOF TILES, CLAY PAVERS, CLAY PAVERS, INDIAN STONE (KOTA), TRAVERTINE, PORPHYRY, BASALT, SOFT SLATE, MARBLE, SOFT SANDSTONE (COARSE GRIT), CONCRETE SCREED, PLASTER - GROUT, CONCRETE BLOCK UNDER 15N/MM², THERMAL BLOCK 7 N/MM², LIGNACITE BLOCKS.
★★	QUARRY TILES, ASPHALT OVER CONCRETE, LIGNACITE BLOCKS.
★	ASPHALT, GREEN CONCRETE UNIVERSAL, GREEN CONCRETE WITH VERY HARD AGGREGATE, GREEN CONCRETE WITH MEDIUM HARD AGGREGATE, GREEN CONCRETE WITH MEDIUM SOFT AGGREGATE, LAVA ROCK, PUMICE.



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	
DA32800	VMM10115	115	4 1/2	10	0.394	2.4	0.087	22.23	7/8	N/A	N/A	
DA32801	VMM10125	125	5	10	0.394	2.4	0.087	22.23	7/8	N/A	N/A	
DA32802	VMM10180	180	7	10	0.394	2.4	0.094	22.23	7/8	N/A	N/A	
DA32803	VMM10230	230	9	10	0.394	2.6	0.098	22.23	7/8	N/A	N/A	
DA32804	VMM10300	300	12	10	0.394	3	0.110	25.4 + P	1 + P	25.4 - 20	1 - 20mm	
DA32805	VMM10350	350	14	10	0.394	3.2	0.110	25.4 + P	1 + P	25.4 - 20	1 - 20mm	
DA32806	VMM10400	410	16	10	0.394	3.4	0.126	25.4 + P	1 + P	25.4 - 20	1 - 20mm	
DA32807	VMM10450	450	18	10	0.394	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 & 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](http://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 & 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](http://www.osha.gov/sites/default/files/publications/OSHA3681.pdf)