



# VGP30

## SEGMENTED RIM

### GENERAL PURPOSE

400 Pro



Cat® 400 Pro segmented double laser welded General Purpose building material 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

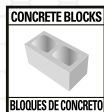
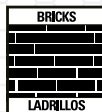
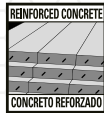
★★★★	SOFT - MEDIUM AGGREGATE CONCRETE (GRANITE - LIMESTONE), TERRACOTTA, CLASS B ENGINEERING BRICK 75N/MM², LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVIORS - KERBS - SLABS, CONCRETE ROOF TILES - PIPES, MEDIUM FACING BRICK, SOFT FACING BRICKS, CONCRETE BLOCKS OVER 15N/MM², HARD SANDSTONE (FINE GRIT), MEDIUM SANDSTONE (MEDIUM GRIT), PLASTER - GROUT.
★★★	HARD TO MEDIUM AGGREGATE CONCRETE (CHERT - TRAP ROCK - RIVER GRAVEL), MEDIUM AGGREGATE CONCRETE (TRAPROCK - QUARTZ), BASALT, HARD LIMESTONE, HARD FACING BRICK, HARD SLATE, SOFT SLATE, CONCRETE SCREED.
★★	GRANITE, QUARTZITE, CLASS A ENGINEERING BRICK 125 N/MM²; REFRACTORY BRICK, CLAY PIPE - ROOF TILES, CLAY PAVIORS, TRAVERTINE, PORPHYRY, SOFT SANDSTONE (COARSE GRIT), MORTAR (HARD), MORTAR (ABRASIVE), ASPHALT OVER CONCRETE, CONCRETE BLOCK UNDER 15N/MM², THERMAL BLOCK 7 N/MM², LIGNACITE BLOCKS.
★	HEAVILY STEEL REINFORCED CONCRETE, CRITICALLY HARD AGGREGATE CONCRETE (FLINT, CHERT), 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	
DA32025	VGP30115	115	4 1/2	10	0.394	2.2	0.087	22.23	7/8	N/A	N/A	
DA32026	VGP30125	125	5	10	0.394	2.2	0.087	22.23	7/8	N/A	N/A	
DA32027	VGP30180	180	7	10	0.394	2.4	0.094	22.23	7/8	N/A	N/A	
DA32028	VGP30230	230	9	10	0.394	2.5	0.098	22.23	7/8	N/A	N/A	
DA32029	VGP30300	300	12	10	0.394	3	0.118	25.4+P	1+P	25.4 - 20	1 - 20mm	
DA32030	VGP30350	350	14	10	0.394	3.2	0.126	25.4+P	1+P	25.4 - 20	1 - 20mm	
DA32031	VGP30400	410	16	10	0.394	3.4	0.134	25.4+P	1+P	25.4 - 20	1 - 20mm	
DA32032	VGP30450	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)