DIAMOND BLADE DATA SHEET

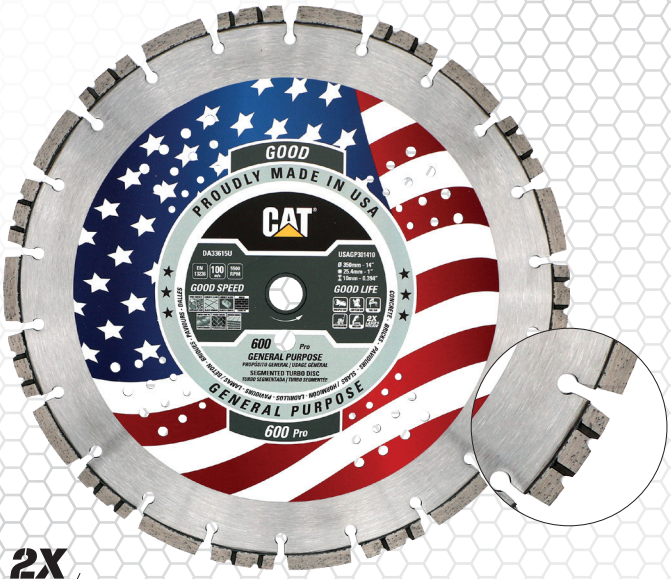
USAGP30-10

SEGMENTED TURBO RIM

GENERAL PURPOSE

0.394" 10mm high

600 Pro GOOD



Cat® General Purpose blades are designed for intensive use across the 3 performance grades: Good, Better and Best. Each individual product has specifically designed segments shape and geometry which complements the diamond grit and bond formulation that has been proven to enhance the cutting performance in terms of fluidity and smoothness of cut, speed and blade life. Cat® General Purpose blades are able to cut a wide span of applications and a multitude of materials. Each increase in performance rating increases the performance in terms of speed and life by use of higher diamond quality and diamond concentration, bond formulation and segment height.

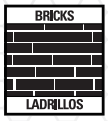
ATTRIBUTES

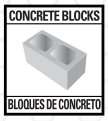
- ABOVE INDUSTRY STANDARD DIAMOND QUALITY & BOND FORMULATION
- LONG LIFE & SPEED OF CUT
- VENTED COOLING HOLES FOR RAPID HEAT DISPERSION
- UNIQUE TURBO ALTERNATE STANDARD SEGMENT DESIGN FOR AGGRESSIVE CUTTING ACTION
- 2X LASER WELDED FOR SAFETY & STABILITY OF SEGMENTS
- SPECIAL V TURBO DESIGN CLEARS ABRASIVE FINES FROM THE CUT & GENERATES LESS FRICTION
- KEYHOLE GULLET DESIGN FOR DUST EXTRACTION FROM CUT.

2X LASER WELDED

DRY CUTTING

WET CUTTING





APPLICATION

★★★★	SOFT - MEDIUM AGGREGATE CONCRETE (GRANITE - LIMESTONE), TERRACOTTA, CLASS B ENGINEERING BRICK 75N/MM², LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVIOURS - 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 PAVIOURS, 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.

PRODUCT TYPE		DIAMETER		SEGMENT HEIGHT		SEGMENT WIDTH		MAIN BORE		FITTED REDUCER	MACHINE USED
PART NO	CODE NO	MM	INCH	MM	INCH	MM	INCH	MM	INCH		
DA33614U	USAGP301210	300	12	10	0.394	3.175	0.125	25.4+P	1+P	20mm	
DA33615U	USAGP301410	350	14	10	0.394	3.175	0.125	25.4+P	1+P	20mm	
DA33616U	USAGP301610	400	16	10	0.394	3.175	0.125	25.4+P	1+P	20mm	
DA33617U	USAGP301810	450	18	10	0.394	3.175	0.125	25.4+P	1+P	20mm	

EN 13236

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**

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

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