



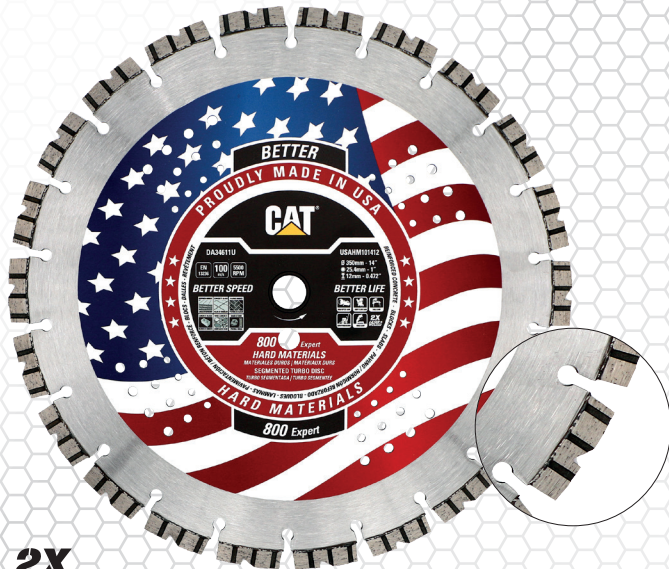
USAHM10-12

SEGMENTED TURBO RIM

0.472" 12mm high

800 Expert **BETTER**

HARD MATERIALS



Cat® Hard Material 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 is proved to enhance the cutting performance in terms of fluidity and smoothness of cut, speed and blade life. Cat® Hard Material blades are able to cut a multitude of hard materials and easily cut through the hardest aggregates and applications. 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

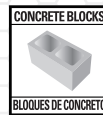
- SUPERIOR DIAMOND QUALITY & BOND FORMULATION
- VERY LONG LIFE & SPEED OF CUT
- FULLY HARDENED & HEAT TREATED STEEL CORE
- UNIQUE V TURBO DESIGN CLEARS ABRASIVE FINES FROM THE CUT & GENERATES LESS FRICTION
- VENTED COOLING HOLES FOR RAPID HEAT DISPERSION
- 2X LASER WELDED FOR SAFETY & STABILITY OF SEGMENTS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

APPLICATION

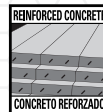
★★★★	HEAVILY STEEL REINFORCED CONCRETE, CRITICALLY HARD AGGREGATE CONCRETE (FLINT, CHERT), HARD TO MEDIUM AGGREGATE CONCRETE (CHERT - TRAP ROCK - RIVER GRAVEL), MEDIUM AGGREGATE CONCRETE (TRAPROCK - QUARTZ), SOFT - MEDIUM AGGREGATE CONCRETE (GRANITE - LIMESTONE), CLASS A ENGINEERING BRICK 125 N/MM², CLAY PIPE - ROOF TILES, CLAY PAVIOURS, QUARRY TILES, TERRACOTTA, PORPHYRY, CLASS B ENGINEERING BRICK 75N/MM², LIGHT REINFORCED CONCRETE, BASALT, HARD LIMESTONE, LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVIOURS - KERBS - 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 TYPE		DIAMETER		SEGMENT HEIGHT		SEGMENT WIDTH		MAIN BORE		FITTED REDUCER	MACHINE USED
PART NO	CODE NO	MM	INCH	MM	INCH	MM	INCH	MM	INCH		
DA34610U	USAHM101212	300	12	12	0.472	3.175	0.125	25.4+P	1+P	20mm	
DA34611U	USAHM101412	350	14	12	0.472	3.175	0.125	25.4+P	1+P	20mm	
DA34612U	USAHM101612	400	16	12	0.472	3.175	0.125	25.4+P	1+P	20mm	
DA34613U	USAHM101812	450	18	12	0.472	3.175	0.125	25.4+P	1+P	20mm	



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



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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 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