



TSG30

TURBO SPIRAL

UNIVERSAL MULTI MATERIALS

800 Expert



Cat® 800 Expert turbo spiral cup wheels are engineered for extra heavy duty ultra high output professional grinding applications of floors, lips & ridges to make a flat surface. Designed to be used with angle grinders & specialist machines. The product is engineered with a premium fast & ultra aggressive bond with extra large size 40/50# mesh diamond grit. Manufactured from a single heavy duty fully ground steel core for strength & eliminates torque & open air ducting enables cooler operation providing faster stock removal & faster grinding. The perfect choice for the professional operator & those large size jobs. For users that want excellent productivity excellent stock removal, life & grinding speed. The cup wheel is tested & counter balanced by lathe to establish the precise geometry & to create optimal topography to alleviate any vibration.

ATTRIBUTES

- **BALANCED FOR ZERO VIBRATION**
- **ULTRA HIGH QUALITY DIAMOND GRIT & BOND MATRIX**
- **EXTREMELY FAST WITH ULTRA LONG LIFE**
- **FAST & ULTRA AGGRESSIVE BOND WITH EXTRA LARGE SIZE 40/50# MESH DIAMOND GRIT.**

APPLICATION

★★★★	GRANITE, QUARTZITE, 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, REFRACTORY BRICK, CONCRETE SCREED, PLASTER - GROUT.
★★★	CLAY PIPE - ROOF TILES, CLAY PAVIOURS, QUARRY TILES, TERRACOTTA, INDIAN STONE (KOTA), TRAVERTINE, PORPHYRY, CLASS B ENGINEERING BRICK 75N/MM², BASALT, HARD LIMESTONE, LIMESTONE AGGREGATE CONCRETE, LIGHTLY REINFORCED CONCRETE, CONCRETE PAVIOURS - KERBS - SLABS, CONCRETE ROOF TILES - PIPES, HARD FACING BRICK, MEDIUM FACING BRICK, SOFT FACING BRICKS, CONCRETE BLOCKS OVER 15N/MM², HARD SLATE, SOFT SLATE, MARBLE, HARD SANDSTONE (FINE GRIT), MEDIUM SANDSTONE (MEDIUM GRIT).
★★	FIBRE CEMENT BOARD, SOFT SANDSTONE (COARSE GRIT), SOFT SANDSTONE (COARSE GRIT), THERMAL BLOCK 7 N/MM², GREEN CONCRETE UNIVERSAL, GREEN CONCRETE UNIVERSAL.
★	GREEN CONCRETE WITH MEDIUM HARD AGGREGATE, LIGNACITE BLOCKS, LAVA ROCK, PUMICE.



DRY GRINDING



WET GRINDING

HARD CONCRETE AGREGADO DURO	SCREED CAPA DE MORTERO	HARD STONE PIEDRA DURA
CONCRETE SLABS HOJAS DE HORMIGON	PLASTER YESO	BRICKS LADRILLOS

PRODUCT		DIAMETER		SEGMENT LENGTH		SEGMENT HEIGHT		SEGMENT WIDTH		MAIN ARBOR - BORE		REDUCING RINGS INCLUDED		NUMBER OF SEGMENTS	MACHINES USED
PART NO	CODE NO	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH		
DA36080	TSG30100US	100	4	20	0.788	5	0.197	8	0.315	N/A	5/8" 11 Thread	N/A	N/A	10	
DA36081	TSG30115US	115	4 1/2	22	0.866	5	0.197	8	0.315	N/A	5/8" 11 Thread	N/A	N/A	13	
DA36090	TSG30125US	125	5	28	1.102	5	0.197	8	0.315	N/A	5/8" 11 Thread	N/A	N/A	16	
DA36091	TSG30180US	180	7	30	1.181	5	0.197	8	0.315	N/A	5/8" 11 Thread	N/A	N/A	24	
DA36084	TSG30100EU	100	4	20	0.788	5	0.197	8	0.315	22.23	7/8	22.23 - 15.88	7/8 - 5/8	10	
DA36085	TSG30115EU	115	4 1/2	22	0.866	5	0.197	8	0.315	22.23	7/8	22.23 - 15.88	7/8 - 5/8	13	
DA36094	TSG30125EU	125	5	28	1.102	5	0.197	8	0.315	22.23	7/8	22.23 - 15.88	7/8 - 5/8	16	
DA36095	TSG30180EU	180	7	30	1.181	5	0.197	8	0.315	22.23	7/8	22.23 - 15.88	7/8 - 5/8	24	



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



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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