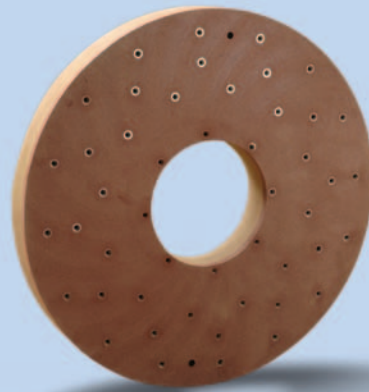


# DISC GRINDING WHEELS

*Grindwell Norton offers you specially designed Nut Inserted Wheels, with pre-engineered bond systems that are the best in India.*



## TYPICAL APPLICATIONS

- ▶ Bearing face grinding
- ▶ Piston ring face grinding
- ▶ Spring end grinding
- ▶ Vertical spindle surface grinding
- ▶ Valve plate grinding

Industry	Steel	Bearing	Auto OEM	Auto Ancillaries	Foundry & Forging	General Engg	Tobacco
Usage	●	●	●	●	●	●	●
	● Primary Use		● Secondary Use				

## GOOD NUT INSERTED WHEELS

### FEATURES

- ▶ Wide range of abrasives in Aluminium Oxide and Silicon Carbide & their combinations
- ▶ New B48 and B50 bonds designed for disc grinding operations
- ▶ Honey comb design option available

### BENEFITS

- ▶ Perfectly suitable for given job material to give optimum performance
- ▶ Lower power consumption
- ▶ Reduced grinding contact area
- ▶ Reduced dressing frequency
- ▶ Increased size control ability
- ▶ Cooler cutting
- ▶ Higher depth/pass possible
- ▶ Higher chip clearance

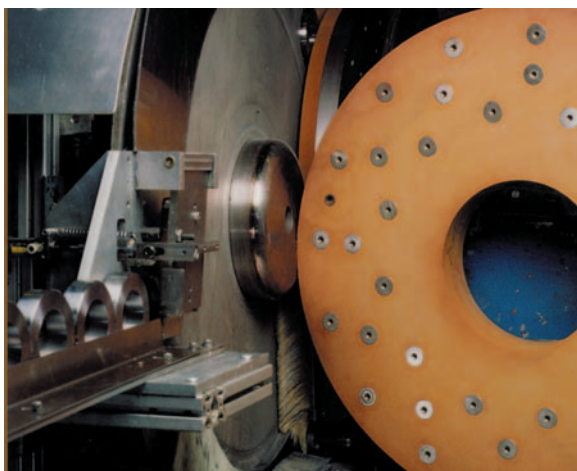
**new**

## Vortex Wheels

- ▶ Revolutionary 'Vortex' wheels for Bearing Face Grinding with high contact area

## SpecCheck

	ABRASIVE	GRIT	GRADE	BOND	APPLICATION
More Durable	A, 19A, 33A 35A	36 (Coarse) ↓	C (Soft)	B24, B48 B24X	Bearing face, Valve plates Roller face, Brake discs
More Friable	38A	120 (Fine)	P (Hard)	B50	Connecting rod, Spring end
More Durable	37C 74 C	24 (Coarse) ↓	H (Soft)	B24 B24X	Valve plate Piston ring
More Friable	39C	180 (Fine)	N (Hard)	B50	Crank case



## TechTips

- ▶ Always ensure alignment of both wheels to achieve optimum geometrical tolerances.
- ▶ Ensure coolant pH does not exceed 9.0 when using resin bonded wheels.
- ▶ Maintain coolant bulk temperature between 20-25° to achieve best results.
- ▶ Sintered and powder metal components - use combination abrasive of Aluminium Oxide and Silicon Carbide.
- ▶ Ensure thread engagement does not exceed 10mm to avoid nut pull out.