

REGULATING WHEELS

Grindwell Norton offers a superior range of regulating feed wheels to match its Centreless range. Regulating wheels are available in both, the more popular rubber bonded variety as well as in resinoid bond.



TYPICAL APPLICATIONS

- Used in centreless grinding as a control and feed wheel

Industry	Steel	Bearing	Auto OEM	Auto Ancillaries	Cutting Tool	General Engg
Usage	●	●	●	●	●	●
	● Primary Use ● Secondary Use					

GOOD

REGULATING WHEELS

FEATURES

- Better resiliency
- Better gripping power

BENEFITS

- Better surface finish
- Reduces chatter tendency
- Greater shock absorption, better roundness
- Less slippage
- Dimensional accuracy
- Less rejection

TROUBLESHOOTING GUIDE

PROBLEM

POSSIBLE CAUSES

SUGGESTED CORRECTION

Poor surface finish or quality of grind	Wheel too hard	Use softer grade
Wheel is hard and glazing	Lower speed of control wheel	Increase the speed of control wheel
Faster wheel wear & poor finish	High speed of control wheel	Reduce the speed of control wheel
Job is not round (oval, lobed, etc.) and burn marks	Lower speed of control wheel	Increase the speed of control wheel

STOCK AVAILABILITY

Regulating Wheels

Stock Item	Specs	Size (Dia x Thk x Bore)
RR10	A80RREU	230 x 50 x 76.2
RR3R	A80 RREP	230 x 100 x 76.2
RR4S	A80RREU	300 x 150 x 127 RBS(2-200 x 40)
RR5	A80 RRE	230 x 150 x 76.2
RR6S	A80RREU	300 x 200 x 127 RBS(2-200 x 40)

TechTips

- The tilt given to the regulating wheel piece and hence is important with respect to the finish obtained and the productivity of the process.
- Please set a proper offset of dressing tool to ensure line contact between regulating wheel and job in through-feed grinding.