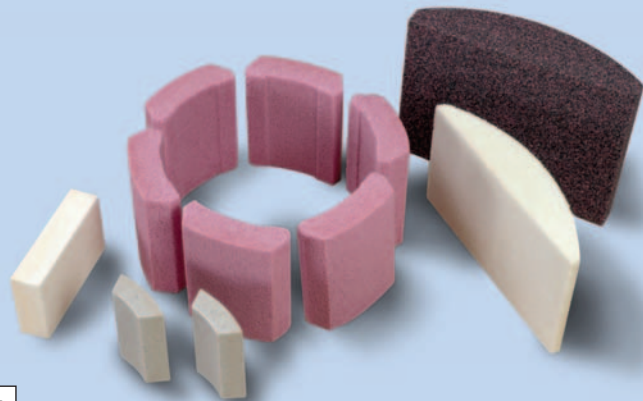


SEGMENTS

**NORTON
ADVANTAGE**

Grindwell Norton supplies a wide range of Segments in every shape and size. With a wide range of abrasives and bond combination, it is possible to optimise a specification for every application.



Industry	Auto OEM	Auto Ancillaries	Cutting Tool	General Engg	Others	Tools & Dies	Tobacco
Usage	●	●	●	●	●	●	●
	● Primary Use	● Secondary Use					

TYPICAL APPLICATIONS

- ▶ Rotary table surface grinding

PRODUCT OFFERINGS

- ▶ Segments are available in a variety of abrasives like A and 38A.
- ▶ SG - A premium product with a premium abrasive.

BETTER MIKRON SEGMENTS

FEATURES

- ▶ 38A - the friable, purer abrasive
- ▶ VBEP bond - opener structure
- ▶ SG - Seeded Gel Abrasive

BENEFITS

- ▶ Cool cutting, no burns.
- ▶ Cool cutting, higher depth of cut, Better chip clearance, self sharpening
- ▶ Extremely good on difficult-to-grind tool steels

FUTURE
NEW PRODUCTS

VP2 Bond System

Superior open structured bond system for cool cutting & higher material removal rate

SpecCheck

Choose 46 grit for harder materials and finer finishes, and 36 grit for softer materials.

Select the hardest grade possible that will not overload the machine.

Place as many parts on the machine as possible.

TechTips



- ▶ The current drawn as shown by the ammeter on the machine gives a very good estimate of the load on the segments and hence the efficiency of the process.

TROUBLESHOOTING GUIDE

PROBLEM

CORRECTION

Segment acting too hard

- Use one grade softer
- Increase rate of downfeed
- Decrease table rotation speed
- Dress more frequently
- Consider reducing area of table load

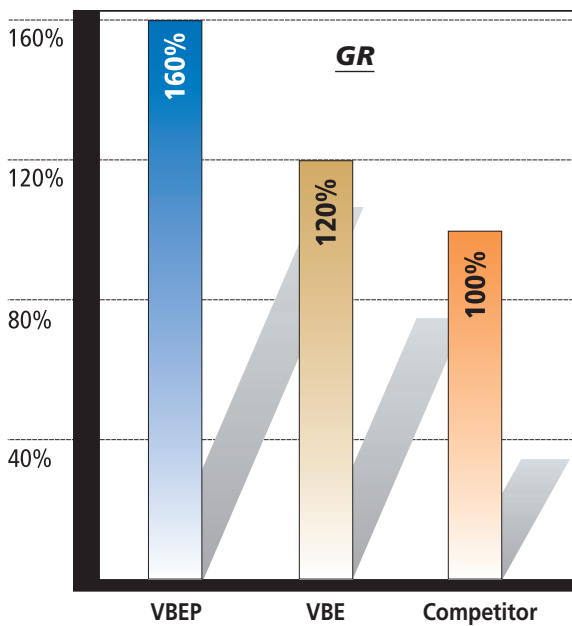
Segment acting too soft

- Use one grade harder
- Decrease rate of downfeed
- Increase table rotation speed
- Check for abnormal machine vibration

Glazing and/or burning

- Abrasive grade too hard, go softer
- Increase table speed (watch ammeter)

ABRASIVE RELATIVE PERFORMANCE CHART



STOCK AVAILABILITY TABLE

Segments

Size L x W x H	Std. Pkg.	Specification	Stock No.
150 x 80 x 25	24	38A 36 I8 VBE	SG3
150 x 80 x 25	24	38A 36 J8 VBE	SG4
150 x 103.19 x 38.1	8	38A 36 J8 VBE	SG8
150 x 80 x 25	24	38A 24-3 I8 VBE	SG11