

SURFACE GRINDING WHEELS

Grindwell Norton offers surface grinding wheels in the friable 38A abrasive as well as the new 35A abrasive. Coupled with bond systems like VBE, VS3 etc the result is an extremely free cutting wheel for surface grinding applications.



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

TYPICAL APPLICATIONS

- ▶ Horizontal spindle, reciprocating table
- ▶ Horizontal spindle, rotary table

SURFACE GRINDING WHEELS

	FEATURES	BENEFITS
BEST	▶ SG - VS3 bond wheels	<ul style="list-style-type: none"> ▶ Optimum performance ▶ High material removal rate ▶ Lower cost per component ▶ Suggest for high motor power machines
BETTER	▶ 38A, 35A - VS3 bond wheels	<ul style="list-style-type: none"> ▶ Better grinding performance for better cutting action ▶ Efficient grinding ▶ Right choice for different applications
GOOD	▶ 38A - VBE bond wheels	<ul style="list-style-type: none"> ▶ Good grinding efficiency ▶ Right choice for different materials

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSES	SUGGESTED CORRECTION
Work piece not flat or parallel	<ul style="list-style-type: none"> - Too heavy a cut - Burning of work piece - Wheel spindle not aligned 	<ul style="list-style-type: none"> - Take lighter depth of cut - Select grit, grade correctly - Realign wheel spindle to be square
Chatter marks	<ul style="list-style-type: none"> - Worn bearing spindles - Glazed wheel face 	<ul style="list-style-type: none"> - Check for truth and end play - Redress wheel

SpecCheck



	ABRASIVE	GRIT	GRADE	BOND	DRESSING TOOL
More Durable	SG	24 (Coarse)	H (Soft)	VBE	Standard
↕	35A	↕	↕	VCN	Tool
More Friable	38A	120 (Fine)	L (Hard)	VS3	

STOCK AVAILABILITY TABLE

Surface Grinding Wheels

Size Dia x Thk x Bore	Std. Pkg.	Specification	Stock No.
150 x 100 x 31.75	2	A46/54 K5 VN	V132
150 x 100 x 31.75	2	38A 36 H8 VBE	V133
150 x 100 x 31.75	2	38A 46 K5 VBE	V134
200 x 100 x 31.75	1	38A 46 I8 VBE	V209
200 x 100 x 31.75	1	38A 46 K5 VBE	V210
200 x 100 x 31.75	1	37C 36 NVK	V211
250 x 13 x 31.75	7	38A 60 K5 VBE	V224
250 x 25 x 76.2	4	38A 60 K5 VBE	V241
250 x 25 x 76.2	4	38A 60 KV1	V241W
250 x 25 x 76.2	4	38A 46/54 K5 VBE	V243
250 x 25 x 76.2	4	38A 46/54 KV1	V243N
300 x 25 x 76.2	3	A60 M6 VCNM	V252M
300 x 50 x 76.2	1	38A 46 K5 VBE	V356
300 x 50 x 76.2	1	38A 60 K5 VBE	V357
125 x 100 x 31.75	4	A46/54 K+8 VS3	V76

BONDED ABRASIVES