

VITRIFIED WHEELS

32AA

A Norton exclusive blend of TG, Norton's second generation ceramic aluminum oxide grain and 32A.



★ Made in U.S.A.

BETTER 32AA

FEATURES

- Advanced proprietary TG abrasive grain
- VTR bond system
- VTRP semi-porous bond

BENEFITS

- 2X more life than 32A; increased productivity
- Draws less power, free cutting, less burn, broad versatility
- Better part tolerance and form holding, across a broad range of materials and applications
- Freer cutting; less burn on wider contact areas

32A

Norton 32A is the benchmark in the toolroom. Its versatility and performance increase your productivity when compared to other aluminum oxide products.



★ Made in U.S.A.

BETTER 32A

FEATURES

- Sharp monocrystalline grain
- Proven VBE and VBEP (porous) bond technology

BENEFITS

- Outstanding form holding, free cutting
- Consistent wheel to wheel
- Excellent balance and form holding
- You choose your optimum porosity (see Vitrified Wheel Spec Check page T145)

38A

Norton 38A is the value-priced wheel for cool, fast tool reconditioning. This is the choice for light grinding applications on all tool steels.



★ Made in U.S.A.

GOOD 38A

FEATURES

- Friable abrasive grain
- Consistent quality

BENEFITS

- Cool and burn-free cutting
- Excellent balance and dimensional accuracy time after time

57A

The economical alternative for general purpose steel grinding.



★ Made in U.S.A.

57A

FEATURES

- Extremely durable aluminum oxide abrasive grain

BENEFITS

- Excellent for steels and steel alloys
- Economical; ideal for numerous general purpose applications

VITRIFIED WHEELS

STEEL APPLICATIONS (CONTINUED)

For all types of tool steel grinding. See “Vitrified Wheels Spec Check” on page T145 for specification recommendations.

SIZE D X T X H	MAX. RPM.	MIN./STD. PKG.	BEST		BETTER		MIN./STD. PKG.	GOOD		
			SPEC	UPC NO.	SPEC	UPC NO.		SPEC	UPC NO.	
TYPE 01 STRAIGHT (CONTINUED)										
7 X 3/16 X 1-1/4	3,600	1/10			32A60-KVBE	66252939260				
7 X 1/4 X 1-1/4	3,600	1/10	5SG46-IVS 5SG60-IVS 5SG60-JVS 5SG60-KVS 5SG80-IVS 5SG80-JVS 5SG80-KVS 5SG80-LVS 5SG100-IVS 5SG100-JVS 5SG100-KVS	66252940207 66252939459 66252939460 66252939461 66252939462 66252939463 66252939464 66252939465 66252909456 66252939467 66252939468	32AA46-IVTR 32AA46-KVTR 32AA60-IVTR 32AA60-JVTR 32AA80-IVTR 32AA80-KVTR 32A46-HVBEP 32A46-HVBE 32A46-IVBE 32A46-JVBE 32A46-KVBE 32A60-HVBE 32A60-IVBE 32A60-JVBE 32A60-KVBE 32A60-LVBE 32A80-HVBE 32A80-IVBE 32A80-JVBE 32A80-KVBE 32A80-LVBE 32A100-HVBE 32A100-IVBE 32A100-JVBE 32A100-KVBE 32A100-LVBE 32A120-IVBE 32A120-JVBE 32A120-KVBE 32A120-LVBE 32A150-JVBE 32A150-KVBE 32A150-LVBE 32A220-LVBE	66252938851 66252938852 66252938853 66252938874 66252938875 66252938876 66252939423 66252939543 66252939544 66252939545 66252939862 66252939547 66252939548 66252939549 66252939552 66252909898 66252939557 66252939658 66252939660 66252939662 66252911689 66252939669 66252939670 66252939672 66252939673 66252911684 66252939680 66252911683 66252939682 66252911685 66252939684 66252911681 66252911682 66252939689	1/10	38A46-HVBE 38A46-IVBE 38A46-JVBE 38A60-HVBE 38A60-IVBE 38A60-KVBE 38A60-LVBE 38A80-HVBE 38A80-IVBE 38A80-JVBE 38A80-KVBE 38A80-LVBE 38A100-HVBE 38A100-IVBE 38A100-JVBE 38A100-KVBE 38A100-LV 38A100-LVBE 38A120-JVBE 38A120-KVBE 38A120-LVBE 38A150-KVBE 38A150-LVBE 38A150-MV 38A220-KV 38A220-LV 38A220-LVBE 38A220-MV 38A220-OV 38A220-QV 53A100-JV GLOBAL WHITE 46-HV GLOBAL WHITE 46-IV GLOBAL WHITE 60-HV GLOBAL WHITE 60-IV GLOBAL WHITE 60-JV GLOBAL WHITE 60-KV GLOBAL WHITE 80-HV GLOBAL WHITE 80-IV GLOBAL WHITE 80-JV GLOBAL WHITE 80-KV GLOBAL WHITE 100-HV GLOBAL WHITE 100-IV GLOBAL WHITE 100-JV GLOBAL WHITE 100-KV GLOBAL WHITE 120-JV GLOBAL WHITE 120-KV GLOBAL WHITE 150-KV GLOBAL WHITE 150-LV	66252939690 66252939691 66252909755 66252939695 66252939696 66252939698 66252939700 66252911679 66252939707 66252939808 66252939809 66252939812 66252911680 66252939822 66252939823 66252939826 66252939827 66252939830 66252939833 66252939834 66252911678 66252939838 66252939839 66252939521 66252939528 66252939529 66252939847 66252939530 66252939532 66252939533 66252939315 66252911729 66252911730 66252911731 66252911732 66252911733 66252911734 66252911735 66252911737 66252911739 66252911740 66252911715 66252911716 66252911724 66252911725 66252911726 66252911727 66252911728 66252911741	
7 X 3/8 X 1-1/4	3,600	1/10			32A46-HVBE 32A46-KVBE 32A60-HVBE 32A60-IVBE 32A60-KVBE 32A80-KVBE	66252940268 66252940271 66252940272 66252940273 66252940276 66252940284	1/10	38A60-IVBE 38A60-KVBE 38A80-IVBE 38A100-IVBE	66252940291 66252940294 66252940297 66252940304	
7 X 3/8 X 1-1/4 (B FACE)	3,600	1/10			32A60-KVBE	66252940254				

Refer to the “Diamond Tool” and “Dressing Sticks” sections for truing and dressing products.

TechTips

- Use VBE/V bonds for general purpose applications or medium contact areas.
- Use VBEP/VP bonds on wide contact areas where heat is an issue.



It is the user's responsibility to refer to and comply with ANSI B7.1

■ Wheel dressing

- When using a single-point diamond tool, approach the wheel at a 10°–15° angle.
- When using a multi-point diamond tool, approach the wheel at a 0° angle.