


Vitrified Wheels For Steel Applications *continued*



TIER: **BEST** **QUANTUM / NORTON SG** **BETTER** **32A / 48A**
 TRADENAME: **QUANTUM / NORTON SG** **32A / 48A**
 ABRASIVE: Ceramic Alumina Aluminum Oxide

GOOD **38A / 25A / GEMINI**
 Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	MIN./STD. PKG.	SPEC.	PART #	SPEC.	PART #	MIN./STD. PKG.	SPEC.	PART #
Type O1 Straight 									
8 x 1/4 x 1-1/4	3,105 / 3,600*	1/10	5SG60-KVS	662530 43351 *	32A46-IVBE	662530 43412	1/10	38A60-IVBE	662530 43431 *
	3,105 / 3,600*	1/10	5SG80-KVS	662530 43353 *	32A46-IVBE	662530 43310	1/10	38A60-JVBE	662530 43432 *
	3,600	1/10			32A46-KVBE	662530 43413	1/10	38A60-KVBE	662530 10825
	3,600	1/10			32A60-IVBE	662530 43416 B	1/10	38A80-IVBE	662530 43437
	3,600	1/10			32A60-IVBE	662532 88796 S	1/10	38A80-JVBE	662530 43439
	3,600	1/10			32A60-JVBE	662530 43417	1/10	38A80-KVBE	662530 43461
	3,600	1/10			32A60-KVBE	662530 43399	1/10	38A100-IVBE	662530 43445
	3,600	1/10			32A80-IVBE	662530 43421	1/10	38A100-KVBE	662530 43447
	3,600	1/10			32A80-KVBE	662530 43458 B	1/10	38A120-KVBE	662530 43450
	3,600	1/10			32A80-KVBE	662532 88797 S	1/10	38A150-KVBE	662530 43451
	3,600	1/10			32A80-LVBE	662530 43425			
	3,600	1/10			32A100-IVBE	662530 43426			
	3,600	1/10			32A100-KVBE	662530 43428			
	8 x 3/8 x 1-1/4	3,600	1/10			32A60-KVBE	662530 43565		
8 x 1/2 x 1-1/4	3,105 / 3,600*	1/10	5NQ46-HVS3	662533 87211	32A46-GVBEP	662530 43882 B	1/10	25A46-HVP2	662530 19354 *
	3,105	1/10	5NQ46-IVS	690831 59107	32A46-IVBE	662530 43712 B	1/10	38A46-IVBE	662530 43746
	3,105	1/10	5NQ46-IVS3	662533 87212	32A46-HVBE	662532 88800 S			
	3,105 / 3,600*	1/10	5NQ46-JVS	690831 59108 *	32A46-HVBEP	662530 43883 *† B	1/10	38A46-HVBEP	662530 43891 †
	3,105	1/10					1/10	38A46-IVBE	662530 43749
	3,105 / 3,600*	1/10	5NQ60-GVSP	690831 59109			1/10	38A46-JVBE	662530 43752 *
	3,105 / 3,600*	1/10			32A46-IVBE	662530 43713 B	1/10	38A46-KVBE	662530 43762 *
	3,600	1/10	5NQ60-JVS	690831 59110			1/10	38A60-HVBE	662530 43756
	3,600	1/10	5NQ60-JVS3	662533 87213	32A46-JVBE	662530 43715 B	1/10	38A60-IVBE	662530 43757
	3,105 / 3,600*	1/10	3SGP46-HVSP	662530 11505	32A46-JVBE	662532 88801 * S	1/10	38A60-JVBE	662530 43858 *
	3,600	1/10	3SGP46-JVH	662530 13796			1/10	38A60-KVBE	662530 43861
	3,600	1/10	3SGR46-GVP2	662530 19345	32A46-KVBE	662530 43716 B	1/10	38A80-IVBE	662530 43866
	3,600	1/10	3SGR46-HVP2	662530 19346			1/10	38A80-JVBE	662530 13787
	3,600	1/10	3SGR60-HVP2	662530 19348	32A60-GVBEP	662530 43887 †	1/10	38A80-KVBE	662530 43869
	3,105 / 3,600*	1/10	5SG46-GVSP	662530 43649	32A60-HVBE	662530 43724 *	1/10	38A100-KVBE	662530 43877 *
	3,600	1/10			32A60-HVBEP	662530 43888	10/10	Gemini 46-H	662532 46841 *
	3,105 / 3,600*	1/10	5SG46-HVSP	662530 43915 *†	32A60-IVBE	662530 43725 * B	10/10	Gemini 46-I	662532 46843
	3,105 / 3,600*	1/10	5SG46-IVS	662530 44089 B	32A60-IVBE	662532 88802 * S	10/10	Gemini 46-J	662532 46845 *
	3,105 / 3,600*	1/10	5SG46-IVS	662532 88804 S	32A60-JVBE	662530 43727 * B			
	3,105 / 3,600*	1/10			32A60-KVBE	662530 43729 * B			
	3,105 / 3,600*	1/10	5SG46-IVSP	662530 43650	32A60-KVBE	662532 88803 * S			
	3,600	1/10	5SG46-JVS	662530 44090 B	32A80-HVBE	662530 43733			
	3,600	1/10	5SG46-JVS	662532 88806 S	32A80-IVBE	662530 43734			
	3,600	1/10	5SG46-KVS	662530 44091	32A80-JVBE	662530 43736			
	3,600	1/10	5SG60-GVSP	662530 43651 †	32A80-KVBE	662530 43737			
	3,600	1/10	5SG60-IVS	662530 44092	32A100-IVBE	662530 43740			
	3,600	1/10			32A100-KVBE	662530 43742			
	3,600	1/10	5SG60-IVSP	662530 43652	48A46-HVP2	662530 19350 B			
	3,600	1/10	5SG60-JVS	662530 44093 B					
	3,600	1/10	5SG60-KVS	662530 44094					
	3,600	1/10	5SG80-JVS	662530 44096					
	3,600	1/10	5SG80-KVS	662530 44097					
3,600	1/10	5SG100-KVS	662530 19435						

B Best Seller; performs well in a variety of applications for many satisfied customers

S Single Pack

* Indicates wheel max RPM has been tested to 3,600 as explained in the tech tip below

Continued

TECH TIP

* 8" Type O1 and Type O5 Vitrified Toolroom Wheels' Maximum Operating Speeds:

- Stock NorPor VP2 wheels = 3,600 RPMs
- All other 46 grit, J grade and harder = 3,600 RPMs
- All other 54 grit, I grade and harder = 3,600 RPMs
- All other 60 grit and finer, H grade and harder = 3,600 RPMs
- † Exceptions to the rule: speed-tested to 3,600 RPM
- All other specifications = 3,105 RPMs




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

Vitrified Wheels For Steel Applications *continued*



TIER: BEST	TIER: BETTER	TIER: GOOD
TRADENAME: QUANTUM / NORTON SG	TRADENAME: 32A / 48A	TRADENAME: 38A / 57A
ABRASIVE: Ceramic Alumina	ABRASIVE: Aluminum Oxide	ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	MIN./STD. PKG.	SPEC.	PART #	SPEC.	PART #	MIN./STD. PKG.	SPEC.	PART #
Type O1 Straight 									
8 x 3/4 x 1-1/4	3,105	1/10	5NQ46-IVS	690831 59111	32A46-GVBEP	662530 44195	1/10	38A46-HVBE	662530 44175
	3,105	1/10	5NQ46-IVS3	662434 94089	32A46-HVBE	662530 44159	1/10	38A46-IVBE	662530 44177
	3,600	1/10	5NQ46-JVS	690831 59112	32A46-HVBEP	662530 44196 †	1/10	38A46-KVBE	662530 44180
	3,105 / 3,600*	1/10	5NQ46-JVS3	662434 94090 *	32A46-IVBE	662530 44215	1/10	38A60-IVBE	662530 44184 *
	3,105 / 3,600*	1/10			32A46-JVBE	662530 44161 *			
	3,105 / 3,600*	1/10	5NQ60-GVSP	690831 59113	32A46-KVBE	662530 44165 *			
	3,600	1/10	5NQ60-JVS	690831 59114	32A60-GVBEP	662530 44198			
	3,600	1/10			32A60-HVBE	662530 44168			
	3,105 / 3,600*	1/10	5SG46-IVS	662530 44098	32A60-IVBE	662530 44169 *			
	3,600	1/10	3SGP46-JVH	662530 13792	32A60-JVBE	662530 44171			
	3,600	1/10	5SG46-JVS	662530 44099 B	32A60-KVBE	662530 44173			
	3,600	1/10			32A80-KVBE	662530 44064			
	3,600	1/10	5SG60-IVS	662530 44101					
	3,600	1/10	5SG60-JVS	662530 44102					
8 x 1 x 1-1/4	3,105 / 3,600*	1/10	5SG46-KVS	662530 02588 *	32A46-HVBE	662530 44616	1/10	38A46-IVBE	662530 44636
	3,105 / 3,600*	1/10	5SG60-GVSP	662530 03228 †	32A46-IVBE	662530 44617	1/10	38A60-IVBE	662530 44456 *
	3,600	1/10	5SG60-IVS	662530 02639	32A46-KVBE	662530 44622	1/10	57A60-MVBE	662530 44270
	3,600	1/10			32A60-IVBE	662530 44624			
10 x 1/4 x 3	2,485					1	38A80-KVBE	662531 49572	
10 x 1/2 x 3	2,485	1			32A60-JVBE	662531 49729	1	38A60-KVBE	662531 49859
	2,485						1	38A80-KVBE	662531 49865
10 x 3/4 x 3	2,485	1			32A46-IVBE	662531 60024	1	38A46-JVBE	662531 60158
	2,485	1			32A60-IVBE	662531 60137	1	38A60-IVBE	662531 60163
	2,485	1			32A60-KVBE	662531 60143			
10 x 1 x 1-1/4	2,485	1			32A60-KVBE	662531 60774			
10 x 1 x 2	2,485	1			32A46-IVBE	662531 60749			
10 x 1 x 3	2,485	1	5SG46-GVSP	662531 60494	32A46-HVBE	662531 60747	1	38A46-IVBE	662531 60889
	2,485	1	5SG46-IVS	662531 60400	32A46-IVBE	662531 60750	1	38A46-JVBE	662531 60892
	2,485	1	5SG46-JVS	662531 60401	32A46-JVBE	662531 60754	1	38A60-IVBE	662531 60898
	2,485	1			32A46-KVBE	662531 60758	1	38A60-KVBE	662531 60900
	2,485	1	5SG46-KVS	662531 60402	32A60-IVBE	662531 60769			
	2,485	1			32A60-KVBE	662531 60777			
	2,485	1	5SG60-IVS	662531 60403	32A80-KVBE	662531 60782			
	2,485	1	5SG60-JVS	662531 60404					
	2,485	1	5SG60-KVS	662531 60405					
12 x 1/2 x 3	2,070	2			32A60-JVBE	662532 62134			
	2,070	2			32A80-KVBE	662532 62110			
	2,070	2			32A60-KVBE	662532 62107			
12 x 1/2 x 5	2,070	2			32A80-KVBE	662532 62111			
	2,070	2			32A60-KVBE	662532 62111			
12 x 3/4 x 3	2,070	1	5SG46-IVS	662532 62204	32A46-GVBEP	662532 62392	1	38A46-JVBE	662532 62281
	2,070	1			32A46-HVBE	662532 62260			
	2,070	1			32A46-IVBE	662532 62261			
	2,070	1			32A60-IVBE	662532 62270			
	2,070	1			32A60-KVBE	662532 62273			
12 x 1 x 1-1/4	2,070	1			32A46-KVBE	662532 62570			

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S Single Wheel Pack

* Indicates wheel max RPM has been tested to 3,600 as explained in the tech tip below

TECH TIP

* 8" Type O1 and Type O5 Vitrified Toolroom Wheels' Maximum Operating Speeds:

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- All other 54 grit, I grade and harder = 3,600 RPMs
- All other 60 grit and finer, H grade and harder = 3,600 RPMs
- † Exceptions to the rule: speed-tested to 3,600 RPM
- All other specifications = 3,105 RPMs



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