

Vitrified Wheels For Steel Applications (continued)



TIER: **BEST**

BRAND: Norton  
TRADENAME: **QUANTUM / NORTON SG**  
ABRASIVE: Ceramic Alumina



TIER: **BETTER**

BRAND: Norton  
TRADENAME: **32A**  
ABRASIVE: Aluminum Oxide



TIER: **GOOD**

BRAND: Norton  
TRADENAME: **38A / 25A / GEMINI**  
ABRASIVE: Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	MIN./STD. PKG.	SPEC.	PART #	SPEC.	PART #	MIN./STD. PKG.	SPEC.	PART #
<b>Type 01 Straight</b>									
7 x 1 x 1-1/4	3,600	1/10	5SG60-JVS	66252942429	32A46-HVBE	66252942513	1/10	38A46-HVBE	66252942534
	3,600	1/10	5SG60-KVS	66252942430	32A46-JVBE	66252942268			
	3,600	1/10			32A60-IVBE	66252942524			
	3,600	1/10			32A60-KVBE	66252942709			
200mm x 10mm x 31.75mm	2,870	5	320 S/C Organic Micro Dressing wheels	66253296349*					
8 x 1/4 x 1-1/4	+	1/10	5SG60-KVS	66253043351	32A46-HVBE	66253043412	1/10	38A60-IVBE	66253043431
	+	1/10	5SG80-KVS	66253043353	32A46-IVBE	66253043310	1/10	38A60-JVBE	66253043432
	3,600	1/10			32A46-KVBE	66253043413	1/10	38A60-KVBE	66253010825
	3,600	1/10			32A60-IVBE	66253043416 B	1/10	38A80-IVBE	66253043437
	3,600	1/10			32A60-IVBE	66253288796 S	1/10	38A80-JVBE	66253043439
	3,600	1/10			32A60-JVBE	66253043417	1/10	38A80-KVBE	66253043461
	3,600	1/10			32A60-KVBE	66253043399	1/10	38A100-IVBE	66253043445
	3,600	1/10			32A80-IVBE	66253043421	1/10	38A100-KVBE	66253043447
	3,600	1/10			32A80-KVBE	66253043458 B	1/10	38A120-KVBE	66253043450
	3,600	1/10			32A80-KVBE	66253288797 S	1/10	38A150-KVBE	66253043451
	3,600	1/10			32A80-LVBE	66253043425			
	3,600	1/10			32A100-IVBE	66253043426			
	3,600	1/10			32A100-KVBE	66253043428			
	8 x 3/8 x 1-1/4	3,600	1/10			32A60-KVBE	66253043565		
8 x 1/2 x 1-1/4	+	1/10	5NQ46-HVS3	66253387211	32A46-GVBEP	66253043882 B	1/10	25A46-HVP2	66253019354
	3,105	1/10	5NQ46-IVS	69083159107	32A46-HVBE	66253043712 B	1/10	38A46-HVBE	66253043746
	3,105	1/10	5NQ46-IVS3	66253387212	32A46-HVBE	66253288800 S	1	38A46-HVBE	66253350640 S
	+	1/10	5NQ46-JVS	69083159108	32A46-HVBEP	66253043883 † B	1/10	38A46-HVBEP	66253043891 †
	+	1/10	5NQ46-JVS3	66243494087	32A46-HVS3	66243495312	1/10	38A46-IVBE	66253043749
	+	1/10	5NQ60-GVSP	69083159109	32A46-HVS3P	66243495368	1/10	38A46-JVBE	66253043752
	+	1/10	5NQ60-IVS3	66253387214	32A46-IVBE	66253043713 B	1/10	38A46-KVBE	66253043762
	+	1/10	5NQ60-JVS	69083159110	32A46-IVS3	66243495313	1/10	38A60-HVBE	66253043756
	3,600	1/10	5NQ60-JVS3	66253387213	32A46-JVBE	66253043715 B	1/10	38A60-IVBE	66253043757
	+	1/10	3SGP46-HVSP	66253011505	32A46-JVBE	66253288801 S	1/10	38A60-JVBE	66253043858
	3,600	1/10	3SGP46-JVH	66253013796	32A46-JVS3	66243495314	1/10	38A60-KVBE	66253043861
	3,600	1/10	3SGR46-GVP2	66253019345	32A46-KVBE	66253043716 B	1/10	38A80-IVBE	66253043866
	+	1/10	3SGR46-HVP2	66253019346	32A60-FVBEP	66253043886 †	1/10	38A80-JVBE	66253013787
	+	1/10	3SGR60-HVP2	66253019348	32A60-GVBEP	66253043887 †	1/10	38A80-KVBE	66253043869
	+	1/10	5SG46-GVSP	66253043649	32A60-HVBE	66253043724	1/10	38A100-KVBE	66253043877
	+	1/10	5SG46-HVS3	66253387220	32A60-HVBEP	66253043888	10/10	Gemini 46-H	66253246841
	+	1/10	5SG46-HVSP	66253043915 †	32A60-IVBE	66253043725 B	10/10	Gemini 46-I	66253246843
	+	1/10	5SG46-IVS	66253044089 B	32A60-IVBE	66253288802 S	10/10	Gemini 46-J	66253246845
	+	1/10	5SG46-IVS	66253288804 S	32A60-JVBE	66253043727 B	10/10	Gemini 46-K	66253246848
	+	1/10	5SG46-IVS3	66253387221	32A60-KVBE	66253043729 B	10/10	Gemini 60-J	66253246857
	+	1/10	5SG46-IVSP	66253043650	32A60-KVBE	66253288803 S			
	3,600	1/10	5SG46-JVS	66253044090 B	32A80-HVBE	66253043733			
	3,600	1/10	5SG46-JVS	66253288806 S	32A80-IVBE	66253043734			

Continued

B = Best Seller, performs well in a variety of applications for many satisfied customers S = Single Pack

\* = For fine grit diamond Polyimide wheels

+ = Refer to Tech Tip at the bottom of this page for maximum operating speed

For non-stock toolroom wheels: if you don't see the toolroom wheel you need in our stock listing, call your local authorized Norton distributor to check our made-to-order non-stock availability – including our revolutionary new Quantum ceramic and Vitrium3 bond wheels.

**TECH TIP**

+ 8" Type 01 and Type 05 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