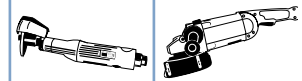


PORTABLE SNAGGING WHEELS, CONES, AND PLUGS

MACHINES USED



FEATURED PRODUCTS



VENDIBLE

NORTON GEMINI

GOOD CHOICE FOR STEEL AND FERROUS METALS AS WELL AS SPECIALTY APPLICATIONS IN ALUMINUM AND FOUNDRIES

FEATURES

- Quality aluminum oxide

BENEFITS

- Consistent performance at a competitive price



NEW

NORTON METAL/MASONRY

GOOD CHOICE FOR STEEL/FERROUS METAL AND MASONRY APPLICATIONS WITH LOW INITIAL PRICE

FEATURES

- Aluminum oxide abrasive
- Low initial price point

BENEFITS

- Engineered for all steel/ferrous materials
- Best starting specification for end user unable to measure performance

AVAILABILITY

TIER:
TRADENAME:
SHAPE:
ABRASIVE:

	BEST	BETTER	GOOD
	NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON GEMINI
	Type 01	Type 01	Type 01
	Zirconia Alumina	Zirconia Alumina NV Zirconia Alumina/Silicon Carbide NVC	Aluminum Oxide 57A, Silicon Carbide 37C, Aluminum Oxide/Silicon Carbide 57AC

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC	PART #	SPEC	PART #	SPEC	PART #
Type 01 Straight								
2-1/2 x 1/2 x 3/8	21,700	20					57A24-R	66243522381
3 x 1/4 x 3/8	20,370	25			NV20-T	66253343872**	57A24-T	66243528831
3 x 3/8 x 3/8	18,080	10					57A24-R	66243522415
3 x 1/2 x 3/8	18,080	10					57A24-P	66243522417
4 x 1/4 x 3/8	15,280	10			NV20-T	66253344098	57A24-R	66243522221
6 x 1 x 5/8	8,000	5	NZ14-Q	66252838075	NV14-R	66253198589	57A16-QS	66252809563
S Webs	8,000	5	NZ14-R	66252837961				
8 x 3/4 x 5/8	6,000	10			NV14-S	66253344347		
S Webs								
8 x 1 x 5/8	6,000	5	NZ16-O	66253030778	NV16-Q	66253198590		
S Webs	6,000	5	NZ16-Q	66253044532				
	6,000	10			NV14-R	66253 344355		
	6,000	10			NV14-T	66253344365		
	6,000	10			NVC16-Q	66253198592		
Type 06 Straight Cup								
6 x 2 x 5/8-11	6,000	5	NZ16-R	66252838577				
Rim 2" Back 3/4"								
Type 11 Flaring Cup								
4/3 x 2 x 5/8-11	9,070	10	NZ16-Q	66243530761	NV16-Q	66253198583	57A16-Q	66243510512
Rim 3/4" Back 3/4"								
5/3-3/4 x 2 x 5/8-11	7,260	5			NV16-Q	66253146918	57A16-Q	66252809598
Rim 1" Back 3/4"								
6/4-3/4 x 2 x 5/8-11	6,000	5	NZ16-Q	66252838568	NV16-Q	66253146925	57A16-Q	66252825201
Rim 1" Back 3/4"	6,000	5	NZ16-R	66252838566				
6/4-3/4 x 2 x 5/8-11	6,000	5	NZ16-P	66252830765	NV16-Q	66253198584	37C16-P	66252809609
Rim 1-1/2" Back 3/4"	6,000	5			NVC16-Q	66253146922	57A16-Q	66252809618
	6,000	5					57AC16-Q	66252809608
Type 11 Flaring Cup with Steel Back								
4/3 x 2 x 5/8-11	9,070	10			NV16-Q	66253146917		
Rim 3/4" Back 3/4"								
5/3-13/16 x 2 x 5/8-11	7,260	10			NV16-Q	66253146920		
Rim 1" Back 3/4"								
6/4-13/16 x 2 x 5/8-11	6,000	5			NV14-R	66253344373	57A16-Q	66252809599
Rim 1-1/2" Back 3/4"	6,000	5			NV16-Q	66253198586	57AC16-Q	66252809600
	6,000	5			NVC16-Q	66253146929		

** STD.PKG. = 50

How to Read an Abrasive Product Specification

Conventional Grinding Wheels																	
32A			46			I			8			V			BE		
ABRASIVE			GRIT SIZE			GRADE			STRUCTURE			BOND TYPE			NORTON SYMBOL		
ALUMINUM OXIDE	CERAMIC ALUMINUM OXIDE	SILICON CARBIDE	ZIRCONIA ALUMINA	COARSE	MEDIUM	FINE	SOFT	MEDIUM	HARD	RELATIVE GRAIN SPACING	Resin = B Shellac = E Plastic = P Rubber = R Vitrified = V	Designates a variation or modification to bond.					
23A	OXIDE	37C	4NZ	12	30	80	D	I	Q	↑ ↓	2						
25A	3SGP	39C	4ZF	16	46	100	F	K	S		4						
32A	3SGR	Crystolon	5ZF	20	54	120	G	L	T		5						
32AC (blend)	5SG	Masonry	AZ (blend)	24	60	150	H	M	U		6						
38A	BRG		BlueFire		70	220		N	V		8						
48A	SG		Charger					O	Y		12						
53A	SXG		(blend)					P	Z		16						
55A	NorZon Plus		NZ								19						
57A	(blend)		NZC (blend)								25						
U57A	NQ Quantum		NZIII								28						
64A	Targa		NZIV														
86A			NorZon														
90A			ZI														
Alundum																	
FabCut																	
India																	
Gemini																	
Metal																	
Vortex																	

Shelf Life and Proper Storage of Grinding Wheels

It has always been Saint-Gobain Abrasives recommendation that resinoid bonded grinding wheels be used within 2 years from the date of manufacture. This recommendation assumes that resinoid bonded grinding wheels have been stored under ideal storage conditions. It might be true that under ideal storage conditions resinoid bonded grinding wheels can survive without any degradation in strength for well over two years. However, it is always wise to suspect any wheels over two years old and have them reinspected or re-speed tested to determine if there has been any degradation in strength. If the wheels are stored under less than ideal conditions, they might have a much shorter shelf life depending upon the severity of storage conditions. These same comments also apply to rubber and shellac bonded grinding wheels.

As for vitrified grinding wheels, the shelf life is less influenced by humidity and adverse storage conditions as compared to resinoid, rubber or shellac, but even vitrified grinding wheels do not have an infinite shelf life. The best procedure and the best rule of thumb is to have any wheel that is two years old or older re-speed tested and reinspected to ensure it is fit for use. The procedure for having this done and the charges will be explained by our Customer Service Department, but the cost of shipping as well as the cost of re-inspection is the customer's responsibility. Also, any wheels rejected or otherwise lost in the re-inspection process will also be the responsibility of the customer.

Keep in mind, however, that this procedure is good to verify the reliability of a product but must not be performed until you are ready to consume the wheel. If wheels are sent back after the two year time frame for re-inspection and re-testing and then put back on the shelf, there is no telling how long they will be fit for use after that last inspection. Therefore, these wheels must be consumed as soon as is practical.

