

PORTABLE SNAGGING WHEELS, CONES, AND PLUGS

MACHINES USED



CATEGORY DEFINITION

For consistent, quality performance in foundries, welding shops, fabrication facilities, steel mills and shipyards, Norton snagging wheels maximize your productivity. Used on horizontal/straight shaft grinders or right angle cup portable grinders.

APPLICATIONS: Removing flaws, cracks, gates, risers and parting lines, smoothing weld seams, cleaning castings, and rough beveling

SIZE RANGE: Type 01 Straight Wheels: 2-1/2" – 8" diameter
Type 06 and 11 Cup Wheels: 4" – 6" diameter
Cones and Plugs: Type 16, 17, 17R, 18 and 18R

GRIT RANGE: 14 – 24

ABRASIVE TYPES: Zirconia Alumina NZ and NV; Zirconia Alumina/Silicon Carbide Blend NVC; Aluminum Oxide 57A and Metal; Aluminum Oxide/Silicon Carbide Blend 57AC, Silicon Carbide 37C

MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

| | | BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST | BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE | GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE |
|---|--|--|--|---|
| Iron | Gray Ductile/Malleable Dirty/Scale-covered | NorZon Plus NZ14-R NorZon Plus NZ14-R | BlueFire NV16-Q BlueFire NV16-Q BlueFire NVC16-Q | Gemini 57A16-Q, Metal Gemini 57A16-Q, Metal Gemini 57AC16-Q |
| Steel | Carbon and Low Alloy Stainless and High Alloy | NorZon Plus NZ16-Q NorZon Plus NZ16-P | BlueFire NV16-Q BlueFire NV16-Q | Gemini 57A16-Q, Metal Gemini 57A16-Q, Metal |
| Aluminum, Copper, Brass, & Bronze Alloys | | | BlueFire NVC16-Q | Gemini 57AC16-Q |

NOTE: GRADE, GRIT AND ABRASIVE TUNING MAY BE NECESSARY TO OBTAIN OPTIMUM PERFORMANCE

CROSS REFERENCE GUIDE FOR TYPE 01, 06 AND 11

| NORTON | TOTAL PERFORMANCE ← | | | INITIAL PRICE → | | |
|-------------|----------------------------------|---------------------------------|-----------------|------------------------------|----------------|---------------|
| | BEST NorZon Plus NZ | BETTER BlueFire NV | BlueFire NVC | GOOD Gemini 57A | Gemini 57AC | Gemini 37C |
| Brilliant | — | ZA16QB | — | A16QB | — | C16QB |
| Bullard | — | ZA16PB | — | A16R | AC16 | C16P |
| Camel | — | — | — | A | CA | C |
| Flexovit | ZA16PB | — | — | A16QB | AC16QB | C16PB |
| Gulf States | Zirconium | — | — | A16 | — | C16 |
| Pacific | Z, Z-GPC | — | — | A | CA | — |
| Pearl | — | — | — | A16Q | — | C16-Q |
| Pferd | ZA 16 Q SG | — | — | A 16 Q SG | — | C 16 Q SG |
| Sait | — | Z16 | — | A16, 20 | CA16 | C16 |
| Tyrolit | — | — | — | A16PB | — | C16PB |
| Walter | — | — | — | A | — | C |

FEATURED PRODUCTS



NORTON NORZON PLUS WHEELS, CONES AND PLUGS

BEST CHOICE FOR HEAVY-DUTY STOCK REMOVAL ON HIGH-HORSEPOWER GRINDERS

FEATURES

- NZ Plus (NorZon) – premium zirconia alumina grain

BENEFITS

- Engineered for high-powered machines 10X life, 50% faster grinding versus aluminum oxide products



NORTON BLUEFIRE SNAGGING WHEELS, CONES AND PLUGS

BETTER CHOICE FOR STOCK REMOVAL ON HIGH- AND MEDIUM-HORSEPOWER GRINDERS

FEATURES

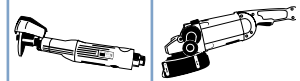
- More friable zirconia alumina grain and durable resin bond technologies
- NVC – zirconia alumina/silicon carbide blend

BENEFITS

- Higher metal removal rates, faster, freer-cutting than standard zirconia alumina blends
- Up to 5X the life of aluminum oxide products; better grinding action
- Highly effective on dirty, scale-covered castings

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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

NORTON NORZON PLUS

Type 01

Zirconia Alumina



BETTER

NORTON BLUEFIRE

Type 01

Zirconia Alumina NV
Zirconia Alumina/Silicon Carbide NVC



GOOD

NORTON GEMINI

Type 01

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-Q | 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