

FEATURED PRODUCTS



UPGRADED PERFORMANCE

NORTON QUANTUM (5NQ)

BEST CHOICE FOR VERSATILITY, MAXIMUM PERFORMANCE AND COST SAVINGS

FEATURES

- Revolutionary, engineered ceramic grain shape and chemistry with proven bond technology – green
- NEW! Coolest cutting, high-speed, precise form holding Vitrium 3 VS3 Bond

BENEFITS

- Versatile; for all low, medium and high force applications ranging from cast iron, to stainless steel and hard-to-grind Inconel and titanium
- Perform well on old and new machines
- 33% to 100% longer life vs. competitive ceramic products
- 30%+ higher metal removal rate
- 15%+ lower threshold power
- Lowest total grinding costs
- Highest productivity; lowest cycle and process time; most accurate finished parts



UPGRADED PERFORMANCE

NORTON SG

BEST CHOICE FOR HIGH PRODUCTIVITY, LOW TOTAL PER-PART GRINDING COST

FEATURES

- High-performance seeded gel ceramic aluminum oxide abrasive
- Self-sharpening abrasive
- High performance VS and VSP bonds
- NEW! coolest cutting, high-speed, precise form holding Vitrium 3 VS3 Bond
- Provide sharp edge on tools and dies
- 5SG – durable Norton SG and aluminum oxide blend – blue
- NORPOR 3SGR – Norton SG and 48A abrasive blend with VP2 porous bond – purple

BENEFITS

- Fast stock removal, cool, superior cutting
- 3X - 5X more life than aluminum oxide wheels
- Double rough stock removal rate versus conventional abrasives
- Less burn, less dressing; very consistent performing wheel
- Versatile; exceptional form holding
- Highest productivity; lowest cycle and process time; most accurate finished parts
- Longer life of tools and dies in production
- High stock removal rates, excellent productivity, long wheel life, low overall grinding cost
- Maximum productivity in heat-sensitive, heavy stock removal operations



NORTON 32A

BETTER CHOICE FOR MEDIUM TO HEAVY STOCK REMOVAL

FEATURES

- Sharp monocrystalline aluminum oxide grain – the industry's most versatile abrasive – purple

BENEFITS

- Free cutting on a wide range of applications and materials
- Outstanding form holding



NORTON 38A

GOOD CHOICE FOR LIGHT GRINDING OF TOOL STEELS

FEATURES

- White, friable abrasive grain
- Consistent quality
- NORPOR 38A – most friable, aluminum oxide abrasive with VP2 porous bond – white
- Versatile

BENEFITS

- Cool and burn-free cutting; ideal for heat-sensitive applications with light to moderate feed rates
- Excellent balance and dimensional accuracy time after time
- Exceptionally cool cutting in light pressure grinding applications, or heat-sensitive applications
- Ideal for use across a broad variety of tool steels



NORTON GEMINI ALUMINUM OXIDE

GOOD CHOICE FOR USE ON GENERAL PURPOSE APPLICATIONS; ECONOMICAL

FEATURES

- Durable aluminum oxide abrasive and strong vitrified bond – Blue
- Versatile, economical

BENEFITS

- Consistent stock removing performance on narrow to medium contact areas; cool cutting
- Ideal when numerous small jobs are run on one machine
- The choice when initial price is the main purchasing criterion

Vitrified Wheels For Steel Applications CONTINUED

AVAILABILITY



TIER:
BRAND:
TRADENAME:
ABRASIVE:

BEST

Norton

NORTON SG

Ceramic Alumina

BETTER

Norton

32A





Aluminum Oxide

GOOD

Norton

38A

Aluminum Oxide

| SIZE (D x T x H) | MAX. RPM | MIN./STD. PKG. | SPEC. | PART # | SPEC. | PART # | MIN./STD. PKG. | SPEC. | PART # |
|---|----------|----------------|------------|-------------|---------------|-------------|----------------|------------|-------------|
| Type 11 Flaring Cup  | | | | | | | | | |
| 3/2-1/4 x 1-1/4 x 3/4 | 7,640 | 1/10 | | | 32A60-JVBE | 66243529183 | 1/10 | 38A60-JVBE | 66243529197 |
| Rim 1/4" Back 3/8" | 7,640 | 1/10 | | | 32A60-KVBE | 66243529187 | | | |
| Face Z (ME21560) | | | | | | | | | |
| 3-1/2/2-3/4 x 1-1/2 x 1-1/4 | 7,640 | 1/10 | | | 32A60-KVBE | 66243529358 | | | |
| Rim 1/4" Back 3/8" | | | | | | | | | |
| Face Z (ME24327) | | | | | | | | | |
| 4/3 x 1-1/2 x 1-1/4 | 5,730 | 1/10 | 5SG46-IVSP | 66243530127 | 32A46-IVBE | 66243530240 | 1/10 | 38A46-KVBE | 66243530378 |
| Rim 1/4" Back 1/2" | 5,730 | 1/10 | 5SG46-KVS | 66243530342 | 32A46-KVBE | 66243530246 | 1/10 | 38A60-JVBE | 66243530387 |
| Face Z (ME19237) | 5,730 | 1/10 | 5SG60-JVS | 66243530415 | 32A60-JVBE | 66243530256 | 1/10 | 38A60-KVBE | 66243530390 |
| | 5,730 | 1/10 | 5SG60-LVS | 66243530417 | 32A60-KVBE | 66243530361 | 1/10 | 38A80-JVBE | 66243530393 |
| | 5,730 | 1/10 | 5SG80-JVS | 66243530419 | 32A80-KVBE | 66243530368 | 1/10 | 38A80-KVBE | 66243530395 |
| | 5,730 | 1/10 | 5SG80-KVS | 66243530420 | | | | | |
| 4-1/2/3-3/4 x 2 x 1-1/4 | 5,730 | 1/10 | | | 32A46-KVBE | 66252830539 | | | |
| Rim 1/4" Back 1/2" | | | | | | | | | |
| (ME20115) | | | | | | | | | |
| 5/3-3/4 x 1-3/4 x 1-1/4 | 4,585 | 1/5 | 5SG46-KVS | 66252803291 | 32A46-JVBE | 66252830858 | 1/5 | 38A46-KVBE | 66252830971 |
| Rim 1/4" Back 1/2" | 4,585 | 1/5 | 5SG60-KVS | 66252830737 | 32A46-KVBE | 66252830859 | 1/5 | 38A60-JVBE | 66252830973 |
| Face Z (ME21563) | 4,585 | 1/5 | 5SG60-LVS | 66252830736 | 32A60-JVBE | 66252830962 | 1/5 | 38A60-KVBE | 66252830975 |
| | 4,585 | 1/5 | | | 32A60-KVBE | 66252830964 | | | |
| 6/4-1/2 x 2 x 1-1/4 | 3,820 | 1/5 | | | 32A46-JVBE | 66252838491 | 1/5 | 38A46-KVBE | 66252838495 |
| Rim 3/8" Back 1/2" | 3,820 | 1/5 | | | 32A46-KVBE | 66252838528 | 1/5 | 38A60-KVBE | 66252838497 |
| Face Z (ME19241) | 3,820 | 1/5 | | | 32A60-JVBE | 66252838492 | | | |
| 7/5 x 2 x 1-1/4 | 3,275 | 1/8 | | | 32A46-JVBE | 66252942959 | 1/8 | 38A46-HVBE | 66252942963 |
| Rim 3/4" Back 1/2" | | | | | | | | | |
| (ME19242) | | | | | | | | | |
| Type 12 Dish  | | | | | | | | | |
| 4 x 1/2 x 3/4 | 6,207 | 1/10 | | | 32A60-KVBE | 66243530067 | | | |
| (ME19226) | | | | | | | | | |
| 6 x 1/2 x 1-1/4 | 4,140 | 1/10 | 5SG60-LVS | 66252836574 | 32A46-JVBE | 66252836860 | 1/10 | 38A60-JVBE | 66252836977 |
| (ME19229) | 4,140 | 1/10 | | | 32A60-JVBE | 66252836966 | | | |
| 6 x 3/4 x 1-1/4 | 4,140 | 1/10 | 5SG60-KVS | 66252837771 | 32A46-KVBE | 66252837732 | | | |
| (ME19230) | 4,140 | 1/10 | | | 32A60-JVBE | 66252837734 | | | |
| | 4,140 | 1/10 | | | 32A60-KVBE | 66252837735 | | | |
| 7 x 1/2 x 1-1/4 | 3,600 | 1/10 | | | 32A46-KVBE | 66252941644 | | | |
| (ME13717) | 3,600 | 1/10 | | | 32A60-KVBE | 66252941647 | | | |
| 8 x 3/4 x 1-1/4 | 3,600 | | | | | | 1/10 | 38A60-KVBE | 66253044319 |
| (ME19231) | | | | | | | | | |
| 10 x 1 x 1 | 2,485 | 1/- | | | 32A54-JVBE | 66253161196 | | | |
| (ME38702) | | | | | | | | | |
| 10 x 1 x 1-1/4 | 2,485 | 1/- | | | 32A54-JVBE | 66253161197 | | | |
| (ME38702) | | | | | | | | | |
| Type 20 Concave One Side  | | | | | | | | | |
| 14 x 1-1/2 x 5 | 1,800 | 1/- | 5SG60-JVS | 66253302265 | 32A60-JVBE | 66253364250 | | | |
| Concave from Periphery | 1,800 | 1/- | | | 32A60-KVBE | 66253364332 | | | |
| 1/2" Deep to 8" Flat Spot | 1,800 | 1/- | | | 32A60-LVBE | 66253364375 | | | |
| Type 35 Plate Mounted Disc  | | | | | | | | | |
| 9 x 2 x 4-15/16 | 2,550 | 1/- | | | 32A46-MVBE | 66253049115 | | | |
| Rim 2-1/32" (ME31130) | 2,550 | 1/- | | | 32A60-J25VCF2 | 66253006557 | | | |
| Plate A47248 | 2,550 | 1/- | | | 32A70-JVBEP | 66253049112 | | | |