



Put the world right in the palm of your hand with our 2" and 3" Norton Mini Angle Sanders. Small, compact enough to get into those hard-to-reach areas, and powerful enough to finish the job fast and efficiently.

Specifications for:

Weight of tool:

Compressed air:

Maximum permissible operating pressure:

Horsepower:

Free speed:

Air consumption @90psi:

Noise characteristic value in accordance with EN ISO 15744 (ISO 15744):

- A-weighted sound pressure level at workstation
- A-weighted sound power level
- Peak C-weighted instantaneous sound pressure level at workstation

Measurement uncertainty (Standard):

Vibration value according to EN ISO 28927-3:

Recommended lubrications:

Sanding tool specifications:

Applications and suitability:

2" Mini Angle Air Sander 3" Mini Angle Air Sander

1.6 lbs. (0.742kg)

6.2 bar (90psi)

6.2 bar (90psi)

.45

22,000 rpm

85 liters/min (3 CFM)

87.3 dB

98.3 dB

<130 dB

3.00 m/s²

0.84 m/s²

Air oil 20#

Pad Size 2" Collet

Collet Chuck 1/4" (6mm)

Surface preparation, grind welds, spot sanding and light-duty finishing applications.

1.8 lbs. (0.816kg)

6.2 bar (90psi)

6.2 bar (90psi)

.9

20,000 rpm

116 liters/min (4.1 CFM)

83.2 dB

94.2 dB

<130 dB

5.92 m/s²

1.09 m/s²

Air oil 20#

Pad size 3" Collet

Collet Chuck 1/4" (6mm)

NEW

Put the power right in the palm of your hand with our Mini Angle Sanders

MINI ANGLE SANDERS

- A double-bearing spindle generates superb concentricity, reducing vibrations allowing for longer use and finer finishes
- Finesse your projects by having the ultimate control in both precision and power with the speed regulator
- Get better tool handling along with reduced fatigue with the ergonomic and streamlined non-slip grip



| DESCRIPTION | STD. PKG. | PART # |
|--|-----------|---------------------|
| Mini Angle Sanders and Kits | | |
| 2" Mini Angle Sander | 1 | 662611 50076 |
| 2" Kit Includes: | 1 | 662611 50077 |
| • 1 – 2" Sander | | |
| • 25 – 2" 36 Grit Blaze R980P 3-Ply TR Discs (662611 62318) | | |
| • 50 – 2" Medium Grit Rapid Prep Non-Woven TR Discs (662610 09190) | | |
| • 1 – 2" Medium Density Back-Up Pad (662610 55103) | | |
| 3" Mini Angle Air Sander | 1 | 699573 82154 |
| 3" Kit Includes: | 1 | 699573 82155 |
| • 1 – 3" Sander | | |
| • 25 – 3" 36 Grit Blaze R980P 3-Ply TR discs (662611 62328) | | |
| • 25 – 3" Medium Grit Rapid Prep Non-Woven TR discs (662610 17522) | | |
| • 1 – 3" Medium Density Back-Up Pad (662610 55105) | | |





Tool-free, twist-on and -off fastening systems make fast work of disc changes to maximize productivity by minimizing downtime.

- Applications:** Fiber and NorKut trimmable hard plastic discs: welding, grinding and blending; heavy metal removal; light deburring and finishing
Cloth discs: light- to medium-pressure grinding; blending, leveling and finishing applications; for use on contours or flat surfaces
Diamond: Grinding ceramic, glass, composites, carbide and ceramic coatings, fiberglass, and reinforced plastics
- Size Range:** 9/16" – 4" diameter
- Grit Range:** 24 – 320
- Abrasive Grain:** Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide, Diamond
- Backing:** Fiber, cloth, or polymer
- Cloth Flex:** 3-ply (more aggressive), 2-ply (standard)
- Attachment:** Type TS (II), Type TR (III), and Type TP (I)
- Back-up Pads:** Rubber with hardness variations for different applications



MINI ANGLE SANDER

Coated Abrasive Quick-Change Disc Availability



Fiber

- The most heavy-duty discs with resin over resin construction on heavy-duty vulcanized fiber backing
- Premium grain for applications from heavy stock removal to surface blending



Cloth 3-Ply

- These heavy-duty, 3-ply polyester laminate construction discs are the most aggressive and durable cloth discs on the market



NorKut

- Unique polymer backing resists cracking and breakage and can be cut down up to the 1" core
- Use the cores to grind "pinch" welds and other hard-to-reach areas



Cloth 2-Ply

- Our standard 2-ply laminate construction creates an aggressive and durable cloth disc for flat surfaces



Diamond

- Unique, aggressive, diamond grain pattern on a flexible cloth backing

Quick-Change Attachment Systems and Cross Reference Guide

Each system enables quick, safe disc changes, reducing downtime and operating expenses.

Type TS (Type II)

- Features a turn-on/turn-off style fastener
- Fastener is made of metal



Type TR (Type III)

- Features a roll-on/roll-off style fastener
- Fastener is made of plastic



Type TP (Type I)

- Features a snap-on/snap-off style fastener
- Fastener is made of nylon

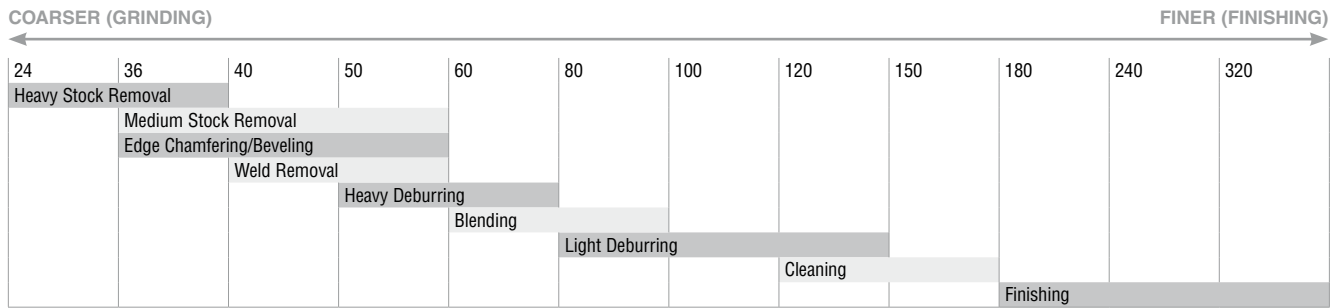


| NORTON MERIT | TS (Type II) | TR (Type III) | TP (Type I) |
|--------------|--------------|---------------|--------------|
| 3M | Roloc TS/TSM | Roloc TR | Roloc TP |
| Standard | TS (SocAtt) | TR (Lockit) | TP (ClickOn) |
| Superior | Type S | Type R | – |
| Arc | Type S | Type R | Type P |
| Pferd | Type CD | Type CDR | – |
| Sait | SAIT-LOK | SAIT-LOK-R | – |
| Camel | Turn On | Roll On | – |
| Klingspor | QMC | QRC | – |
| Garryson | Type S | Type R | – |

Material/Application-to-Product Recommendation Guide

| | BEST | BETTER | GOOD |
|---|--------------------|-----------------------|---|
| | Blaze R980P | BlueFire R884P | Aluminum Oxide Silicon Carbide R422 |
| Stainless Steel / Titanium / Super Alloys | ◆ | ◆ | ◆ |
| Mild Carbon Steel / Welds | | ◆ | ◆ |
| Ferrous Metals / Cast Iron | | ◆ | ◆ |
| Brass / Bronze / Aluminum | | ◆ | ◆ |
| Paint / Glue / Adhesive | | | ◆ |
| Concrete / Stone / Fiberglass | | | ◆ |

Application/Grit Recommendation Guide



Cross Reference Guide

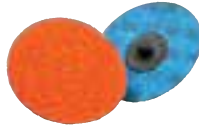
| | TOTAL PERFORMANCE | | | INITIAL PRICE | |
|------------------|--|--|-------------------------|--|------------------------|
| | BEST | BETTER | GOOD | | |
| Abrasive Backing | Ceramic Alumina | Ceramic Alumina | Zirconia Alumina | Aluminum Oxide | Silicon Carbide |
| NORTON | Fiber | Cloth | Cloth | Cloth | Cloth |
| 3M | Blaze F980 | Blaze R980P | BlueFire R884P | R422 | R422 |
| | 782C, 785C, 787C, 982C, 985C, 987C, 988C | 963G/H, 966F, 967F, 997F, 984F, 784F, 947A | 561D | 361F, 363F | 421A, 441D, 461F |
| Standard | Ceramic, Ceramic Pro | Ceramic Pro, Ceramic | Zirconia | A/O Extra, A/O Pro | Silicon Carbide |
| Superior | — | Ceramic G.A. | Premium Zirc | A/O with Grinding Aid | — |
| Arc | — | — | Zirconia/Y Standard | A/O/X Plus Coolant | — |
| Pferd | CO, CO Cool | Ceramic | ZA Z | Aluminum Oxide A-Plus, Aluminum Oxide A-INOX-FORTE | Silicon Carbide SiC |
| Sait | 7S,7A, 9S | — | Z | 3A | C-W |
| Camel | Ceramic | — | Zirconia AO | — | — |
| Klingspor | CS570, FS966 | CS610 | Alumina Zirconia | — | CS333X |
| Garryson | — | Ceramic | — | — | — |

Best choice for tough applications and stainless steel



BLAZE F980 CERAMIC ALUMINA FIBER

- 100% ceramic grain constantly exposes sharper edges to deliver highest productivity at lowest overall costs vs. competitive lower-ratio ceramic discs
- Strong fiber backing, heavier and more rigid than conventional cloth discs, adds strength and tear resistance, and allows additional pressure for better results when grinding difficult materials
- Advanced self-lubricating grain treatment provides coolest cut and significantly faster cut rates; excels on hard-to-grind materials like 300 and 400 Series stainless and exotic alloys



TIER: **BEST**
 TRADENAME: **BLAZE F980**
 ABRASIVE: Ceramic Alumina
 BACKING: Fiber – Heavy Duty
 OTHER: Supersize
 ATTACHMENT: TR (Type III)



| SIZE (D) | GRIT | STD. PKG. | PART # |
|----------|------|-----------|---------------------|
| 2 | 24 | 25 | 776960 90139 |
| | 36 | 25 | 662610 58704 |
| | 50 | 25 | 662610 58705 |
| | 60 | 25 | 662610 58706 |
| | 80 | 25 | 662610 58707 |
| 3 | 24 | 25 | 776960 90140 |
| | 36 | 25 | 662610 58708 |
| | 50 | 25 | 662610 58709 |
| | 60 | 25 | 662610 58711 |
| | 80 | 25 | 662610 58712 |

Quick-Change back-up pads shown at the end of the Quick-Change Disc section.





Best choice for tough applications, titanium, super alloys, and stainless steel (3-ply) or contoured surfaces (2-ply)

BLAZE R980P CERAMIC ALUMINA

- 100% ceramic grain constantly exposes sharper edges to deliver highest productivity at lowest overall costs vs. competitive lower-ratio ceramic discs
- Improved resin bond system maximizes grain retention for longer product life
- Advanced self-lubricating grain treatment provides coolest cut with significantly faster cut rates while minimizing loading on hard-to-grind materials



Better choice for soft metals, wood, stainless steel, and carbon

BLUEFIRE R884P ZIRCONIA ALUMINA

- Premium, versatile, self-sharpening zirconia plus grain provides aggressive cut and up to 30% longer life vs. competitive zirconia discs
- Semi-open coat minimizes loading on soft metals (aluminum, brass, and bronze) and wood, as well as stainless and carbon steels
- Durable Y-weight, polyester waterproof backing stands up to demanding applications: high-pressure and hard-to-grind exotic alloys



Better choice for stainless steel, titanium and other exotic alloys

R801 ZIRCONIA ALUMINA PLUS

- Self-sharpening, zirconia alumina abrasive with grinding aid provides cooler cut, and longer life on hard-to-grind materials
- Durable, Y-weight, 2-ply polyester waterproof blend back stands up to these demanding applications
- Minimized heat build-up allows these discs to outlast conventional aluminum oxide and zirconia alumina discs in many applications



Good choice when initial price is the primary consideration

ALUMINUM OXIDE

- Versatile aluminum oxide abrasive for aggressive cut and longer life than competitive aluminum oxide discs
- Durable Y-weight 2-ply polyester backing and coating for additional life and faster cut rate on moderately-demanding applications
- Good choice when initial price is the primary purchasing consideration



Good choice for non-ferrous materials

R422 SILICON CARBIDE

- Sharp, silicon carbide abrasive provides high initial cut and penetration to resist loading on soft metals
- Strong, X-weight, 2-ply cotton backing construction for extended durability and reduced edge wear
- When completion time is important, sharp silicon carbide abrasive gets non-ferrous blending jobs done quickly

Ceramic Alumina Quick-Change Cloth Discs



| TIER: | BEST | BEST | BEST | BEST |
|-------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|
| TRADENAME: | BLAZE R980P | BLAZE R980P | BLAZE R980P | BLAZE R980P |
| ABRASIVE: | Ceramic Alumina | Ceramic Alumina | Ceramic Alumina | Ceramic Alumina |
| BACKING: | Polyester 3-Ply Heavy-Duty | Polyester 3-Ply Heavy-Duty | Polyester 2-Ply Standard | Polyester 2-Ply Standard |
| OTHER: | Supersize TS (Type II) | Supersize TR (Type III) | Supersize TS (Type II) | Supersize TR (Type III) |
| ATTACHMENT: | | | | |

| SIZE (D) | GRIT | STD. PKG. | PART # | PART # | PART # | PART # |
|----------|------|-----------|---------------------|---------------------|---------------------|---------------------|
| 1-1/2 | 36 | 100 | 662611 62307 | 662611 62308 | 636425 95401 | |
| | 50 | 100 | 662611 62309 | 662611 62310 | 636425 95446 | |
| | 60 | 100 | 662611 62311 | 662611 62312 | 636425 95447 | 636425 95468 |
| | 80 | 100 | 662611 62313 | 662611 62314 | 636425 95450 | |
| | 120 | 100 | 662610 43379 | 662610 43380 | 662610 43416 | |
| 2 | 36 | 25 | 662611 62317 | 662611 62318 | 636425 95452 | 636425 95470 |
| | 50 | 25 | 662611 62319 | 662611 62320 | 636425 95456 | 636425 95472 |
| | 60 | 25 | 662611 62321 | 662611 62322 | 636425 95458 | 636425 95476 |
| | 80 | 25 | 662611 62323 | 662611 62324 | 636425 95459 | 636425 95478 |
| | 100 | 25 | 662610 43382 | 662610 43383 | 662610 43418 | 662610 43419 |
| | 120 | 25 | 662610 43384 | 662610 43386 | 662610 43420 | 662610 43421 |
| 3 | 36 | 25 | 662611 62327 | 662611 62328 | 636425 95460 | 636425 95479 |
| | 50 | 25 | 662611 62329 | 662611 62330 | 636425 95462 | 636425 95480 |
| | 60 | 25 | 662611 62331 | 662611 62332 | 636425 95463 | 636425 95481 |
| | 80 | 25 | 662611 62333 | 662611 62334 | 636425 95464 | 636425 95493 |
| | 100 | 25 | 662610 43389 | 662610 43390 | 662610 43422 | 662610 43423 |
| | 120 | 25 | 662610 43391 | 662610 43392 | 662610 43424 | 662610 43425 |

Quick-Change back-up pads shown at the end of the Quick-Change Disc section.

