



Non-woven depressed center discs have three components: strong synthetic fiber mesh and quality abrasives, bonded together by a smear-resistant adhesive. Rapid Strip discs have an open web construction that enables aggressive cutting action while maintaining a cool, non-loading surface. Rapid Blend discs have a unitized construction with varying weave – from open to tighter – for deburring and finishing. Rapid Prep discs have a more open weave that excels in surface preparation and cleaning. Each product provides excellent cutting action while improving surface finish.

**Applications:**

Medium-to-light material removal, deburring, blending, cleaning, finishing, and polishing

**Size Range:**

4-1/2" - 7"

**Grit Range:**

X-Coarse, Coarse, Medium, Fine, Very Fine

**Abrasive Grain:**

Ceramic Alumina, Silicon Carbide, Engineered Aluminum Oxide, Aluminum Oxide

**Machine Used:**



RIGHT ANGLE GRINDER



VERTICAL SHAFT PORTABLE GRINDER

### Material/Application-To-Product Recommendation Guide – For All Discs Used on Right Angle Grinders

Stripping Discs

|  | <b>BEST</b><br>Blaze Rapid Strip<br>Ceramic | <b>BETTER</b><br>Rapid Strip<br>Silicon Carbide |
|--|---|---|
| Removing scale and coarse welding marks                          | ◆ XC  | ◆ XC  |
| Removing coatings, epoxy/glue, paint and other clogging material | ◆ XC  | ◆ XC  |
| Removing rust, oxidation, corrosion and residue                  | ◆ XC  | ◆ XC  |
| Removing parting lines and seams on fiberglass parts             | ◆ XC  | ◆ XC  |
| Removing paint/graffiti from concrete/stone                      | ◆ XC  | ◆ XC  |

Deburring, Blending, Finishing Discs

|   | <b>BEST</b><br>Vortex<br>Rapid Blend | <b>BETTER</b><br>Vortex<br>Rapid Prep | <b>BETTER</b><br>Rapid<br>Blend | <b>BETTER</b><br>Rapid<br>Prep |
|---|--------------------------------------|---------------------------------------|---------------------------------|--------------------------------|
| Removing weld marks and weld spatter                          | ◆ C                                  |                                       | ◆ C                             |                                |
| Stainless steel deburring and cleaning                        | ◆ C                                  |                                       | ◆ C                             |                                |
| Removing small flashings and parting lines                    | ◆ C                                  |                                       | ◆ C                             |                                |
| Surface preparation before coatings/plating                   |                                      | ◆ C                                   |                                 | ◆ C                            |
| Light cleaning  |                                      | ◆ F                                   |                                 | ◆ F                            |
| Cleaning and prepping welds                                   |                                      | ◆ M                                   |                                 | ◆ M                            |
| Removing blemishes after welding stainless                    |                                      | ◆ M                                   |                                 | ◆ M                            |
| Blending and finishing all metal parts                        | ◆ VF                                 |                                       | ◆ VF                            |                                |
| Creating decorative finishes on stainless steel               | ◆ VF                                 |                                       | ◆ VF                            |                                |
| Final finishing and polishing                                 | ◆ VF                                 |                                       | ◆ VF                            |                                |
| Final finishing/polishing where high conformability is needed |                                      |                                       |                                 | ◆ VF                           |

XC - Extra Course, C - Coarse, M - Medium, F - Fine, VF - Very Fine

### Application/Product Recommendation Guide – For All Discs Used on Right Angle Grinders

MOST AGGRESSIVE / LEAST CONFORMABLE ←

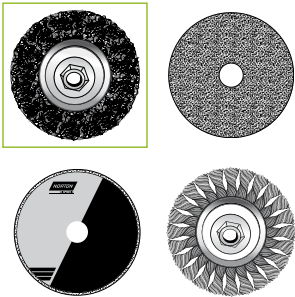
→ LEAST AGGRESSIVE / MOST CONFORMABLE

|                        | Blaze Rapid Strip | Vortex Rapid Blend A/O Med.<br>Rapid Blend A/O Coarse | Rapid Blend A/O Medium | Rapid Blend S/C Fine |                      |
|------------------------|-------------------|---|------------------------|----------------------|----------------------|
| Depressed Center Discs |                   |   |                        |                      |                      |
| Discs With Back-Up Pad |                   | Vortex Rapid Prep<br>Rapid Prep A/O Coarse            | Rapid Prep A/O Medium  | Rapid Prep A/O Fine  | Rapid Prep Very Fine |
| Scale Removal          | Best Choice       | Second Choice   |                        |                      |                      |
| Stock Removal          | Best Choice       | Best Choice   |                        |                      |                      |
| Heavy Deburring        | Second Choice     | Best Choice   |                        |                      |                      |
| Light Deburring        |                   | Best Choice   | Second Choice          |                      |                      |
| Light Finishing        |                   | Second Choice   | Best Choice            |                      |                      |
| Blending               |                   |   | Best Choice            | Second Choice        |                      |
| Finishing              |                   |   | Second Choice          | Best Choice          |                      |
| Polishing              |                   |   |                        | Best Choice          | Second Choice        |

Cross Reference Guide – For All Discs Used on Right Angle Grinders

|               | STRIPPING (EXTRA COARSE)                                   |                    | SURFACE FINISHING (COARSE – MEDIUM – FINE) |                    | SURFACE PREP (VERY FINE) |                                 |
|---------------|--|--------------------|--|--------------------|--------------------------|---------------------------------|
|               | BEST   | BETTER             | BEST                                       | BETTER             | BEST                     | BETTER                          |
| <b>NORTON</b> | <b>Blaze Rapid Strip</b>                                   | <b>Rapid Strip</b> | <b>Vortex Rapid Blend</b>                  | <b>Rapid Blend</b> | <b>Vortex Rapid Prep</b> | <b>Rapid Prep</b>               |
| 3M            | Clean & Strip XT<br>PRO, Clean & Strip<br>XT PRO Extra Cut | Clean & Strip X    | Debur and Finish<br>PRO, Cut and Polish    | EXL                | SE, Duraflex             | SC, PD, AI, LS                  |
| Bibielle      | —  | SDR Strip-It/Red   | —  | BUR Unitized       | SCHD                     | SCLS, SCD, SCSB                 |
| Camel         | —  | EZ Strip Black/Red | —  | —                  | —                        | —                               |
| Flexovit      | —  | Clean & Strip      | —  | —                  | —                        | —                               |
| Hermes        | Strip Discs  | Webrax             | —  | —                  | —                        | —                               |
| Pearl         | —  | S/C Stripping      | —  | —                  | —                        | Surface Preparation             |
| Pferd         | —  | Policlean          | —  | Poliflex PUR       | —                        | —                               |
| Sait          | —  | Sait-Strip         | —  | Unitized           | 7S, 8S                   | 3Z                              |
| SIA           | SiaStrip   | —                  | —  | —                  | 6260                     | 6250                            |
| Standard      | —  | Cleaning           | 700/800/900 Series                         | 700/800/900 Series | FE, GP                   | FE, GP, RC                      |
| Superior      | —  | Stripping          | —  | XL Unitized        | —                        | FD, GD, CC                      |
| Walter        | —  | FX Cleaning        | —  | —                  | —                        | Blendex Surface<br>Conditioning |

Why Choose Non-Woven Depressed Center Discs?



**Non-Woven Right Angle Discs vs. Fiber Discs, Wire Wheels, and Depressed Center Wheels**

- Deburring, blending and finishing done with one product to reduce the number of steps
- To provide a controlled, sustained finish
- To prevent undercutting and gouging
- To provide a cooler grinding action to lessen the chance of warping or discoloration
- When loading is an issue with fiberglass, adhesives and soft metals
- For stripping coatings and paint off of hard materials like concrete, cement and stone
- Less vibration and quieter for high operator acceptance
- To provide an alternative to wire brushes



Blaze Your Way to Greatest Productivity

**Norton Blaze Rapid Strip Type 27 Depressed Center Discs**

Strip/clean Cast Iron, Steels, Aluminum, Fiberglass and composites

- Open structure; will not load on sticky coatings, adhesives, and soft metals (e.g. aluminum), or snag and shed like a cloth or fiber disc might
- Norton Blaze ceramic alumina grain provides 2X cut rate and life over silicon carbide
- Will not shed on heavily rust-encrusted pieces
- Extremely versatile; use one disc; stiff enough to stand abuse, but soft enough to prevent gouging and rework
- Use on edge for blending weld root forms
- Apply some pressure to strip or remove coatings; lighter pressure finishes like a surface finishing disc
- Fewer safety, ergonomic, and environmental issues due to fewer change-outs, less downtime, and less production waste/landfill scrap



## Rapid Strip

Best choice for quick and easy rough cleaning and stripping of all materials



### BLAZE RAPID STRIP CERAMIC ALUMINA

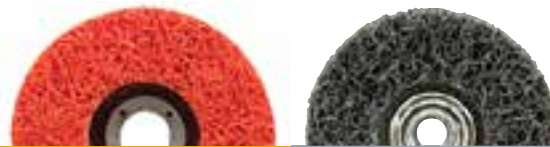
- Blaze ceramic grain provides 2X plus faster, consistent rate and life than silicon carbide discs, leaves a thoroughly cleaned surface, ensuring excellent adhesion in subsequent processes such as painting and soldering
- Open web construction for minimal loading; does not shed or snag on rusty pieces; prevents gouging and rework
- Rapid Strip material provides a unique combination of aggressive performance, long life, and improved finish

Better choice for use on a variety of materials, including metal, fiberglass and stone



### RAPID STRIP SILICON CARBIDE

- Sharp silicon carbide abrasive provides fast aggressive cutting action
- Advanced resin bond prevents shedding, snagging, gouging, and rework
- Open web construction for minimal loading; great alternative to wire brushes



|                      |  | <b>TIER: BEST</b>        |          | <b>TIER: BETTER</b> |                     |                     |
|----------------------|--|--------------------------|----------|---------------------|---------------------|---------------------|
|                      |  | <b>BLAZE RAPID STRIP</b> |          | <b>RAPID STRIP</b>  |                     |                     |
| <i>TRADENAME:</i>    |  | Ceramic Alumina          |          | Silicon Carbide     |                     |                     |
| <i>ABRASIVE:</i>     |  | 36-50                    |          | 36-50               |                     |                     |
| <i>GRIT SIZE:</i>    |  | X-Coarse                 |          | X-Coarse            |                     |                     |
| <i>GRADE:</i>        |  | Type 27/Fiberglass       |          | Type 27/Fiberglass  |                     |                     |
| <i>TYPE/BACKING:</i> |  | SIZE (D x H)             | MAX. RPM | STD. PKG.           | PART #              | PART #              |
|                      |  | 4-1/2 x 5/8-11           | 12,000   | 10                  | 662544 <b>98101</b> | 662610 <b>09585</b> |
|                      |  | 4-1/2 x 7/8              | 12,000   | 10                  | 666233 <b>03783</b> | 662610 <b>09649</b> |
|                      |  | 5 x 5/8-11               | 11,000   | 10                  | 666233 <b>03915</b> |                     |
|                      |  | 5 x 7/8                  | 11,000   | 10                  | 666233 <b>03916</b> |                     |
|                      |  | 7 x 5/8-11               | 8,000    | 10                  | 666233 <b>03919</b> | 662610 <b>09650</b> |
|                      |  | 7 x 7/8                  | 8,000    | 10                  | 666233 <b>03920</b> | 662610 <b>09586</b> |