





**NORTON**  
SAINT-GOBAIN  
**BLAZE**

**NORTON**  
SAINT-GOBAIN  
**BLUEfire**

**NORTON**  
SAINT-GOBAIN  
**NEON**

**NORTON**  
SAINT-GOBAIN  
**REDHEAT**

**MERIT**



## CATEGORY DEFINITION

Flap discs are versatile grinding and finishing tools, consisting of three main components: a backing plate, adhesive, and abrasive cloth flaps. The rectangular flaps are overlapped and glued to the backing plate. Flap discs are designed for right angle grinder applications ranging from heavy stock removal to surface blending.

|                                |  |
|--------------------------------|--|
| <b>APPLICATIONS:</b>           | Grinding, stock removal, edge chamfering/beveling, weld blending, deburring/deflashing, rust removal, blending, cleaning and finishing |
| <b>SIZE RANGE:</b>             | 4": 5/8" hole<br>4-1/2" - 7": 5/8"-11 discard mount and 7/8" hole  |
| <b>GRIT RANGE:</b>             | 24 – 120   |
| <b>ABRASIVE GRAIN:</b>         | Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide   |
| <b>ABRASIVE FLAPS:</b>         | Polyester or cotton  |
| <b>FLAP DISC SHAPE:</b>        | Type 27 Flat and Type 29 Conical   |
| <b>ABRASIVE FLAP DENSITY:</b>  | Standard or high   |
| <b>BACKING PLATE MATERIAL:</b> | Fiberglass, plastic or aluminum  |

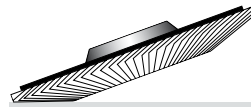
## FLAP DISC SHAPES



GRIND AT FLATTER ANGLES:  
0° – 15°

### Type 27 Flat – The Best Choice for Finishing

- Used primarily on flat surfaces
- The best choice for blending and smooth finishing



GRIND AT STEEPER ANGLES:  
15° – 25°

### Type 29 Conical – The Best Choice for Aggressive Stock Removal

- Conical flap discs have angled flaps and may be used on both contoured and edge work
- The angle provides greater surface contact for stock removal on flat surfaces
- The best choice when speed and stock removal are primary considerations

## ABRASIVE FLAP DENSITIES



### Standard Density

- Excellent for heavy-duty applications and rapid stock removal

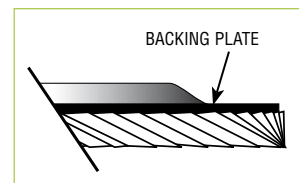


### High Density

- Ideal when working on uneven or curved surfaces, as well as finer grit blending

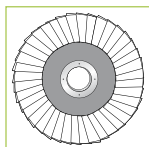
## BACKING PLATE MATERIALS

All flap discs are a combination of abrasive flaps adhered to a rigid backing plate. It is the backing plate that provides stability during operation. There are three main materials used: fiberglass, plastic or aluminum. The fiberglass backing plate, along with the flap shape, helps to absorb vibration and is consumed during use with no smearing. Fiberglass is the most popular material because of its high strength and light weight. The plastic backing plate offers some additional conformability and is trimmable. The aluminum backing plate provides extra high strength and rigid support as needed. While not consumable during use, an aluminum plate can be recycled.



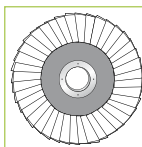
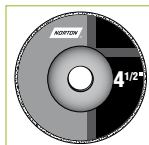
## WHY CHOOSE FLAP DISCS?

Flap discs replace both grinding wheels and fiber discs. The same flap disc can be used for applications ranging from stock removal to blending.



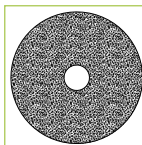
### Flap Discs vs. Grinding Wheels

- Faster stock removal
- Smoother finish, no gouging
- Cooler cutting, less glazing
- Lightweight, easier to control
- Less vibration, less operator fatigue
- Reduced noise



### Flap Discs vs. Fiber Discs

- 20X longer life, reduced abrasive cost
- Fewer disc changes, reduced labor cost
- More consistent finish
- No back-up pad required
- Easier storage, no curling
- Reduced loading
- Use flap discs one grit size coarser than fiber discs, except in 36 grit.





## MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

| BEST<br>Highest Productivity – Lowest Total Cost | BETTER<br>Excellent Blend of Performance & Price | GOOD<br>Consistent Performance – Lowest Total Cost |
|--|--|--|
|--|--|--|

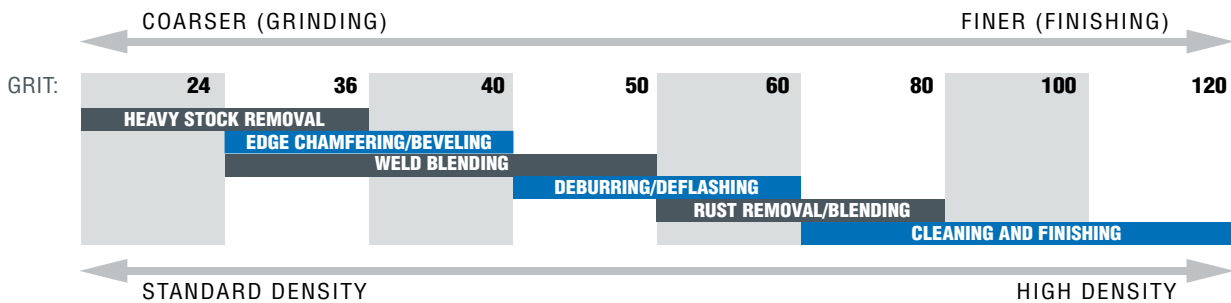
### Type 29 for Stock Removal

| Material                                  | Best                 | Better                | Good                  |
|---|----------------------|-----------------------|-----------------------|
| Stainless Steel / Titanium / Super Alloys | Norton Blaze R980P   | Norton BlueFire R884P | Merit Metal           |
| Mild Carbon Steel / Welds                 | Norton Red Heat R961 | Norton BlueFire R884P | Merit Metal           |
| Ferrous Metals / Cast Iron                | Norton Red Heat R961 | Norton BlueFire R884P | Merit Metal           |
| Brass / Bronze / Aluminum                 | –                    | Norton BlueFire R884P | Merit Silicon Carbide |
| Paint / Glue / Adhesive                   | –                    | –                     | Merit Silicon Carbide |
| Concrete / Stone / Fiberglass             | –                    | –                     | Merit Silicon Carbide |

### Type 27 for Blending and Finishing

| Material                                  | Best                 | Better                | Good        |
|---|----------------------|-----------------------|-------------|
| Stainless Steel / Titanium / Super Alloys | Norton Blaze R980P   | Norton BlueFire R884P | Merit Metal |
| Mild Carbon Steel / Welds                 | Norton Red Heat R961 | Norton BlueFire R884P | Merit Metal |
| Ferrous Metals / Cast Iron                | Norton Red Heat R961 | Norton BlueFire R884P | Merit Metal |
| Brass / Bronze / Aluminum                 | –                    | Norton BlueFire R884P | Merit Metal |

## APPLICATION/GRIT RECOMMENDATION GUIDE



## CROSS REFERENCE GUIDE



|                  | BEST        |                     | BETTER                    | GOOD  |                         |
|------------------|-------------|---------------------|---------------------------|---|-------------------------|
|                  | Blaze R980P | Red Heat R961       | BlueFire R884P            | Neon R766<br>Metal / Zirconia                     | Silicon Carbide         |
| <b>NORTON</b>    |             |                     |                           |   |                         |
| <b>MERIT</b>     |             |                     |                           |   |                         |
| <b>3M</b>        | 947D        | 747D                | 563D, 546D                | –   | –                       |
| <b>DeWalt</b>    | –           | –                   | –                         | Z/A   | –                       |
| <b>Camel</b>     | –           | C3                  | Z-Stainless               | Z3, A3  | SC                      |
| <b>Flexovit</b>  | –           | –                   | –                         | Zircotex Premium, Zircotex HP                     | –                       |
| <b>Garryson</b>  | –           | –                   | Zirc+, Zirconium          | Aluminum Oxide                                    | –                       |
| <b>GemTex</b>    | –           | Ceramic             | –                         | Zirconia, A/O                                     | –                       |
| <b>Hermes</b>    | –           | –                   | –                         | –   | –                       |
| <b>Klingspor</b> | –           | –                   | SMT 630                   | SMT 618, 619, 624, 626, 627, 628, 640             | –                       |
| <b>Metabo</b>    | –           | –                   | –                         | Z/A   | –                       |
| <b>Pearl</b>     | –           | Stainless Max       | Zirconia Premium, TuffMax | Z/A Silver Line, Premium A/O Classic, Silver Line | SC                      |
| <b>Pferd</b>     | –           | Ceramic             | Cool Zirconia, CO-COOL    | Zirconia, Cool Aluminum Oxide, Aluminum Oxide     | Masonry Silicon Carbide |
| <b>Sait</b>      | –           | –                   | Z                         | 2A, 3A  | –                       |
| <b>SIA</b>       | –           | –                   | –                         | Z/A   | –                       |
| <b>Standard</b>  | –           | Ceramic Oxide       | Zirconia Pro              | Zirconia  | –                       |
| <b>Tyrolit</b>   | –           | –                   | Z/A                       | A/O   | –                       |
| <b>Walter</b>    | –           | –                   | Enduro Flex               | –   | –                       |
| <b>Weiler</b>    | –           | Saber Tooth Ceramic | –                         | Tiger Zirconium, A/O, Vortec                      | –                       |



FEATURED PRODUCTS



**NORTON BLAZE R980P**

BEST/HIGHEST PRODUCTIVITY FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS

| FEATURES   | BENEFITS   |
|--|--|
| ■ Latest-generation ceramic alumina abrasive grain             | ■ Last 50% – 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials |
| ■ Supersize grinding aid                                       | ■ Cool, noticeably fast cut rate   |
| ■ Y-weight polyester flaps                                     | ■ Significantly improve life, grain retention and fray resistance  |
| ■ Durable fiberglass back                                      | ■ High strength, lightweight, absorbs vibration  |
| ■ Orange, flexible plastic backing plate on Type 27 Quick Trim | ■ New industry standard for trimmability   |



NEW

**NORTON RED HEAT R961**

BEST/HIGH PRODUCTIVITY FOR MILD CARBON STEEL, AND FERROUS METALS

| FEATURES  | BENEFITS   |
|---|--|
| ■ New, premium ceramic and zirconia alumina abrasive blend  | ■ Excellent performance and efficiencies on mild carbon steel and ferrous metal/cast iron applications |
| ■ Durable, fiberglass back (Type 29)                        | ■ High strength, lightweight, absorbs vibration  |
| ■ Red, flexible plastic backing plate on Type 27 Quick Trim | ■ New industry standard for trimmability   |



IMPROVED

**NORTON BLUEFIRE R884P**

BETTER CHOICE FOR MILD CARBON STEEL, AND WELD

| FEATURES   | BENEFITS   |
|--|--|
| ■ High performance zirconia alumina plus abrasive            | ■ Aggressive cut and long life                                     |
| ■ Polyester flaps  | ■ Up to 30% longer life than competitive zirconia alumina products |
| ■ Semi-open coat   | ■ Improved durability  |
| ■ Durable, fiberglass back                                   | ■ Retards loading on aluminum                                      |
| ■ Blue, flexible plastic backing plate on Type 27 Quick Trim | ■ High strength, lightweight, absorbs vibration                    |
|  | ■ New industry standard for trimmability                           |



NEW

**NORTON NEON R766**

GOOD CHOICE FOR ALUMINUM, BRASS, BRONZE, STAINLESS, CARBON STEEL, AND TITANIUM

| FEATURES   | BENEFITS  |
|--|---|
| ■ Alternating aluminum oxide (green) and zirconia alumina (blue) flaps | ■ Ideal when purchasing criteria is a good-performing, economically-priced, general purpose disc      |
| ■ New resin system and Y-wt. polyester flaps                           | ■ Improved base adhesion and 30%+ improvement in life over key competitors' aluminum oxide flap discs |
|  | ■ Stand up on light- to moderately-demanding applications   |
| ■ New grain coating  | ■ Longer life and faster cut rate   |
| ■ Type 29, Type 27 HD; fiberglass back                                 | ■ High strength, lightweight, absorb vibration  |
| ■ Green, flexible plastic backing plate on Type 27 Quick Trim          | ■ New industry standard for trimmability  |



**MERIT METAL**

GOOD CHOICE FOR STAINLESS STEEL, CAST IRON, AND ALUMINUM

| FEATURES   | BENEFITS   |
|--|--|
| ■ Quality zirconia alumina abrasive                                | ■ Good cut rate and life   |
|  | ■ Type 29 for hard to grind materials; Type 27 for softer materials      |
| ■ Engineered blend of X-weight cotton and Y-weight polyester flaps | ■ Longer life and wear resistance  |
| ■ Durable, fiberglass back   | ■ High strength, lightweight, absorbs vibration                          |
| ■ Competitive initial price point                                  | ■ Best starting specification for end-user unable to measure performance |



## AVAILABILITY

|                |                    |                    |                    |                                      |                                      |
|----------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------------------------|
|                |                    |                    |                    |                                      |                                      |
| TIER:          | <b>BEST</b>        | <b>BEST</b>        | <b>BEST</b>        | <b>BEST</b>                          | <b>BEST</b>                          |
| BRAND:         | Norton             | Norton             | Norton             | Norton                               | Norton                               |
| TRADENAME:     | <b>BLAZE R980P</b> | <b>BLAZE R980P</b> | <b>BLAZE R980P</b> | <b>RED HEAT R961</b>                 | <b>RED HEAT R961</b>                 |
| SHAPE:         | Type 27 Flat       | Type 27 Flat       | Type 29 Conical    | Type 27 Flat                         | Type 29 Conical                      |
| FLAP DENSITY:  | Standard           | High               | Standard           | Standard                             | Standard                             |
| ABRASIVE:      | Ceramic Alumina    | Ceramic Alumina    | Ceramic Alumina    | Ceramic Alumina/<br>Zirconia Alumina | Ceramic Alumina/<br>Zirconia Alumina |
| BACKING PLATE: | Quick Trim Plastic | Fiberglass         | Fiberglass         | Quick Trim Plastic                   | Fiberglass                           |
| OTHER:         | Supersize          | Supersize          | Supersize          |                                      |                                      |

| SIZE (D x H)   | GRIT | MAX. RPM | STD. PKG | PART NO.    | PART NO.    | PART NO.     | PART NO.     | PART NO.     |
|----------------|------|----------|----------|-------------|-------------|--------------|--------------|--------------|
| 4 x 5/8        | 40   | 15,300   | 10       |             |             |              | 63642536153  |              |
|                | 60   |          |          |             |             | 63642536154  |              |              |
|                | 80   |          |          |             |             | 63642536155  |              |              |
| 4-1/2 x 5/8-11 | 36   | 13,300   | 10       |             | 66254499894 | 66261183490  | 66623399163• | 66623399053• |
|                | 40   |          |          | 66254400257 | 66261098290 | 66261183491  | 63642536147• | 63642536156• |
|                | 60   |          |          | 66254400258 | 66261096435 | 66261183492  | 63642536148• | 63642536157• |
|                | 80   |          |          | 66254400259 | 66261096436 | 66261183493  | 63642536149• | 63642536158• |
|                | 120  |          |          | 66254400261 |             |              | 66623399164• | 63642597115• |
| 4-1/2 x 7/8    | 36   | 13,300   | 10       |             | 66261097678 | 66261183486  | 63642504876  | 63642504329  |
|                | 40   |          |          | 66254400253 | 66261020628 | 66261183487  | 63642504877  | 63642504330  |
|                | 60   |          |          | 66254400254 | 66261020633 | 66261183488  | 63642504878  | 63642504331  |
|                | 80   |          |          | 66254400255 | 66261020634 | 66261183489  | 63642504879  | 63642504332  |
|                | 120  |          |          | 66254400256 |             |              | 63642505279  | 63642504333  |
| 5 x 5/8-11     | 36   | 12,000   | 5        |             |             |              | 66623399165  | 66623399197  |
|                | 40   |          |          |             |             | 66254491941  | 66623399198  |              |
|                | 60   |          |          |             |             | 66254491942  | 66623399199  |              |
|                | 80   |          |          |             |             | 66254491943  | 66623399200  |              |
|                | 120  |          |          |             |             | 66623399166  | 66623399201  |              |
| 5 x 7/8        | 36   | 12,000   | 10       |             |             | 66261190001  | 63642505281  | 66623399054  |
|                | 40   |          |          | 66254400262 | 66261190002 | 63642505282  | 66623399055  |              |
|                | 60   |          |          | 66254400264 | 66261190003 | 63642505283  | 66623399056  |              |
|                | 80   |          |          | 66254400265 | 66261190004 | 63642505284  | 66623399057  |              |
|                | 120  |          |          | 66254400519 |             |              | 63642505285  | 66623399202  |
| 6 x 5/8-11     | 40   | 10,200   | 5        |             |             |              | 66623399167  |              |
|                | 60   |          |          |             |             | 66623399168  |              |              |
|                | 80   |          |          |             |             | 66623399169  |              |              |
| 6 x 7/8        | 40   | 10,200   | 10       |             |             |              | 66623399024  | 63642541406  |
|                | 60   |          |          |             |             | 66623399025  | 63642541407  |              |
|                | 80   |          |          |             |             | 66623399026  | 63642541408  |              |
|                | 120  |          |          |             |             | 66623399027  |              |              |
| 7 x 5/8-11     | 36   | 8,600    | 10       |             | 66261183498 | 66623399170• | 66623399058• |              |
|                | 40   |          |          | 66254461066 | 66261183499 | 63642536150• | 63642536159• |              |
|                | 60   |          |          | 66254461067 | 66261183500 | 63642536151• | 63642536160• |              |
|                | 80   |          |          | 66254461068 | 66261183501 | 63642536152• | 63642536161• |              |
|                | 120  |          |          | 66254461069 |             |              | 66623399171• | 66623399203• |
| 7 x 7/8        | 36   | 8,600    | 10       |             | 66261183494 | 63642504880  | 63642504880  | 63642504334  |
|                | 40   |          |          | 66254461059 | 66261183495 | 63642504881  | 63642504335  |              |
|                | 60   |          |          | 66254461060 | 66261183496 | 63642504882  | 63642504336  |              |
|                | 80   |          |          | 66254461061 | 66261183497 | 63642504883  | 63642504337  |              |
|                | 120  |          |          | 66254461063 |             |              | 66623399172  | 63642504338  |

• 5/8-11 (HUBBED) RED HEAT FLAP DISC STD. PKG. QUANTITY = 5



## New Trimmable, Flexible Plastic Backing Plate

### Quick Trim Norton Blaze R980P and Norton Red Heat R961 Flap Discs

New higher-performance abrasive flaps are mounted on our new flexible, easily-trimmable plastic backing plate. To fully use the flaps, the new Quick Trim flap discs are the answer. Available in 7/8" hole or our industry standard 5/8-11 mini mount that ensures maximum safety for all right angle grinders.



## AVAILABILITY

|                |      |          |           | <b>BETTER</b>         | <b>BETTER</b>         | <b>GOOD</b>                         | <b>GOOD</b>                         | <b>GOOD</b>                         |
|----------------|------|----------|-----------|-----------------------|-----------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                |      |          |           | Norton                | Norton                | Norton                              | Norton                              | Norton                              |
|                |      |          |           | <b>BLUEFIRE R884P</b> | <b>BLUEFIRE R884P</b> | <b>NEON R766</b>                    | <b>NEON R766</b>                    | <b>NEON R766</b>                    |
|                |      |          |           | Type 27 Flat          | Type 29 Conical       | Type 27 Flat                        | Type 27 Flat                        | Type 29 Conical                     |
|                |      |          |           | Standard              | Standard              | Standard                            | High                                | Standard                            |
|                |      |          |           | Zirconia Alumina Plus | Zirconia Alumina Plus | Aluminum Oxide/<br>Zirconia Alumina | Aluminum Oxide/<br>Zirconia Alumina | Aluminum Oxide/<br>Zirconia Alumina |
|                |      |          |           | Quick Trim Plastic    | Fiberglass            | Quick Trim Plastic                  | Fiberglass                          | Fiberglass                          |
| SIZE (D x H)   | GRIT | MAX. RPM | STD. PKG. | PART NO.              | PART NO.              | PART NO.                            | PART NO.                            | PART NO.                            |
| 4 x 5/8        | 36   | 15,300   | 10        |                       | 66623399049           |                                     |                                     |                                     |
|                | 40   |          |           | 66623399050           |                       |                                     |                                     |                                     |
|                | 60   |          |           | 66623399051           |                       |                                     |                                     |                                     |
|                | 80   |          |           | 66623399052           |                       |                                     |                                     |                                     |
| 4-1/2 x 5/8-11 | 36   | 13,300   | 10        | 66623399136           | 66254461165           | 66623399125                         | 66623399205                         | 66623399028                         |
|                | 40   |          |           | 66623399137           | 66254461167           | 66623399000                         | 66623399059                         | 66623399029                         |
|                | 60   |          |           | 66623399138           | 66254461170           | 66623399001                         | 66623399060                         | 66623399030                         |
|                | 80   |          |           | 66623399139           | 66254461173           | 66623399002                         | 66623399061                         | 66623399173                         |
|                | 120  |          |           |                       | 66623399003           |                                     | 66623399174                         |                                     |
| 4-1/2 x 7/8    | 24   | 13,300   | 10        |                       | 66623399204           |                                     |                                     |                                     |
|                | 36   |          |           | 66623399140           | 66254461155           | 66623399126                         | 66623399062                         | 66623399032                         |
|                | 40   |          |           | 66623399141           | 66254461161           | 66623399004                         | 66623399063                         | 66623399033                         |
|                | 60   |          |           | 66623399142           | 66254461163           | 66623399005                         | 66623399064                         | 66623399034                         |
|                | 80   |          |           | 66623399143           | 66254461164           | 66623399006                         | 66623399065                         | 66623399035                         |
|                | 120  |          |           |                       |                       | 66623399007                         |                                     | 66623399175                         |
| 5 x 5/8-11     | 36   | 12,000   | 10        | 66623399144           | 66623399189           | 66623399127                         | 66623399207                         | 66623399176                         |
|                | 40   |          |           | 66623399145           | 66623399190           | 66623399128                         | 66623399208                         | 66623399177                         |
|                | 60   |          |           | 66623399146           | 66623399191           | 66623399130                         | 66623399209                         | 66623399178                         |
|                | 80   |          |           | 66623399147           | 66623399192           | 66623399131                         | 66623399210                         | 66623399179                         |
|                | 120  |          |           |                       | 66623399132           |                                     | 66623399180                         |                                     |
| 5 x 7/8        | 24   | 12,000   | 10        |                       | 66623399206           |                                     |                                     |                                     |
|                | 36   |          |           | 66623399148           | 66254461174           | 66623399133                         | 66623399211                         | 66623399036                         |
|                | 40   |          |           | 66623399149           | 66254461176           | 66623399008                         | 66623399212                         | 66623399037                         |
|                | 60   |          |           | 66623399150           | 66254461177           | 66623399009                         | 66623399213                         | 66623399038                         |
|                | 80   |          |           | 66623399151           | 66254461178           | 66623399010                         | 66623399214                         | 66623399039                         |
|                | 120  |          |           |                       |                       | 66623399011                         |                                     | 66623399181                         |
| 6 x 5/8-11     | 40   | 10,200   | 10        |                       |                       |                                     | 66623399219                         | 66623399040                         |
|                | 60   |          |           |                       |                       | 66623399220                         | 66623399041                         |                                     |
|                | 80   |          |           |                       |                       | 66623399221                         | 66623399042                         |                                     |
| 6 x 7/8        | 24   | 10,200   | 10        |                       | 66623399066           |                                     |                                     |                                     |
|                | 36   |          |           |                       | 66623399298           |                                     | 66623399215                         |                                     |
|                | 40   |          |           | 66623399152           | 66623399193           | 66623399012                         | 66623399216                         | 66623399182                         |
|                | 60   |          |           | 66623399153           | 66623399194           | 66623399013                         | 66623399217                         | 66623399183                         |
|                | 80   |          |           | 66623399154           | 66623399195           | 66623399014                         | 66623399218                         | 66623399184                         |
|                | 120  |          |           |                       |                       | 66623399015                         |                                     |                                     |
| 7 x 5/8-11     | 36   | 8,600    | 10        | 66623399155           | 66254461188           | 66623399134                         | 66623399222                         | 66623399185                         |
|                | 40   |          |           | 66623399156           | 66254461190           | 66623399016                         | 66623399067                         | 66623399043                         |
|                | 60   |          |           | 66623399157           | 66254461192           | 66623399017                         | 66623399068                         | 66623399044                         |
|                | 80   |          |           | 66623399158           | 66254461193           | 66623399018                         | 66623399069                         | 66623399045                         |
|                | 120  |          |           |                       | 66623399019           |                                     | 66623399186                         |                                     |
| 7 x 7/8        | 24   | 8,600    | 10        |                       | 66623399196           |                                     |                                     |                                     |
|                | 36   |          |           | 66623399159           | 66254461180           | 66623399135                         | 66623399070                         | 66623399187                         |
|                | 40   |          |           | 66623399160           | 66254461183           | 66623399020                         | 66623399071                         | 66623399046                         |
|                | 60   |          |           | 66623399161           | 66254461185           | 66623399021                         | 66623399072                         | 66623399047                         |
|                | 80   |          |           | 66623399162           | 66254461186           | 66623399022                         | 66623399073                         | 66623399048                         |
|                | 120  |          |           |                       |                       | 66623399023                         |                                     | 66623399188                         |



## AVAILABILITY

|                |      |           |           | <b>GOOD</b>      | <b>GOOD</b>      | <b>GOOD</b>      | <b>GOOD</b>            |
|----------------|------|-----------|-----------|------------------|------------------|------------------|------------------------|
| TIER:          |      |           |           | Merit            |                  |                  |                        |
| BRAND:         |      |           |           | Merit            |                  |                  |                        |
| TRADENAME:     |      |           |           | <b>METAL</b>     | <b>METAL</b>     | <b>ZIRCONIA</b>  | <b>SILICON CARBIDE</b> |
| SHAPE:         |      |           |           | Type 27 Flat     | Type 29 Conical  | Type 29 Conical  | Type 29 Conical        |
| FLAP DENSITY:  |      |           |           | Standard         | Standard         | High             | Standard               |
| ABRASIVE:      |      |           |           | Zirconia Alumina | Zirconia Alumina | Zirconia Alumina | Silicon Carbide        |
| BACKING PLATE: |      |           |           | Fiberglass       | Fiberglass       | Fiberglass       | Fiberglass             |
| SIZE (D x H)   | GRIT | MAX. RPM* | STD. PKG. | PART NO.         | PART NO.         | PART NO.         | PART NO.               |
| 4-1/2 x 5/8-11 | 36   | 13,300    | 10        | 66254472655      | 66254419991      | 08834194447*     |                        |
|                | 40   |           |           | 66254437013      | 66254419994      | 08834193906*     |                        |
|                | 60   |           |           | 66254472656      | 66254419996      | 66261044504*     | 66254460664            |
|                | 80   |           |           | 66254472657      | 66254419997      | 66261044505*     | 08834196277            |
|                | 120  |           |           |                  |                  | 66261044506*     | 08834196275            |
| 4-1/2 x 7/8    | 24   | 13,300    | 10        |                  |                  | 08834194833*     |                        |
|                | 36   |           |           | 66254472653      | 66254419963      | 08834191427*     |                        |
|                | 40   |           |           | 66254437004      | 66254419978      | 08834190726*     |                        |
|                | 60   |           |           | 66254448989      | 66254419984      | 08834190175*     | 66254460663            |
|                | 80   |           |           | 66254448990      | 66254419987      | 08834190924*     | 08834195676            |
|                | 120  |           |           |                  |                  | 08834190995*     | 08834195677            |
| 5 x 7/8        | 36   | 12,000    | 10        | 66254472659      | 66254419998      |                  |                        |
|                | 40   |           |           | 66254472660      | 66254420001      |                  |                        |
|                | 60   |           |           | 66254472661      | 66254420002      | 08834190876      | 66254460694            |
|                | 80   |           |           | 66254472662      | 66254420003      | 08834190405      | 66254460463            |
|                | 120  |           |           |                  |                  | 08834192209      | 66254460464            |
| 6 x 5/8-11     | 40   | 10,200    | 10        | 66254491773      | 66254491779      |                  |                        |
|                | 60   |           |           | 66254491774      | 66254491780      |                  |                        |
|                | 80   |           |           | 66254491775      | 66254491781      |                  |                        |
| 6 x 7/8        | 40   | 10,200    | 10        | 66254491770      | 66254491776      |                  |                        |
|                | 60   |           |           | 66254491771      | 66254491777      |                  |                        |
|                | 80   |           |           | 66254491772      | 66254491778      |                  |                        |
| 7 x 5/8-11     | 36   | 8,600     | 10        | 66254472669      | 66254420009      | 08834193830      |                        |
|                | 40   |           |           | 66254472670      | 66254420010      | 66261044540      |                        |
|                | 60   |           |           | 66254472671      | 66254420012      | 08834199751      | 66254460666            |
|                | 80   |           |           | 66254472672      | 66254420013      | 08834192896      | 08834197186            |
|                | 120  |           |           |                  |                  | 66261044541      | 08834197187            |
| 7 x 7/8        | 24   | 8,600     | 10        |                  |                  | 08834190877      |                        |
|                | 36   |           |           | 66254472664      | 66254420004      | 08834190878      |                        |
|                | 40   |           |           | 66254472665      | 66254420006      | 08834192059      |                        |
|                | 60   |           |           | 66254472666      | 66254420007      | 08834196985      | 66254460665            |
|                | 80   |           |           | 66254472667      | 66254420008      | 08834196986      | 08834195705            |
|                | 120  |           |           |                  |                  | 08834196988      | 66254460462            |

\* MAX RPM FOR MERIT ZIRCONIA HIGH DENSITY FLAP DISCS IS 13,000

## When You Want Fast and Tough, You Want Norton

Whether you want maximum productivity or simply the lowest initial cost solution, Norton has the product for all your right angle grinding and blending applications.



### **BEST** Norton Blaze

*Highest Productivity – Lowest Total Cost*

Latest-generation ceramic alumina abrasive provides the industry's fastest cutting discs and 50-200% longer life over any flap disc on stainless, titanium, and super alloys.



### **BETTER** Norton BlueFire

*Exceptional Blend of Performance and Price*

New zirconia alumina plus abrasive for an increased cut rate and up to 30% longer life over conventional zirconia products on carbon steel and welds.



### **GOOD** Norton Neon

*Good Performance – Low Initial Price*

30%+ life vs. competitive aluminum oxide products. Ideal for soft metals to hard-to-grind stainless and carbon steel – and light-to-moderately-demanding applications





## NorZon 20X High Performance

- Zirconia alumina abrasive disc, packaged for retail/walk-in selling
- Individual hang card provides product selling points
- Product ships in merchandisable display case of small quantities



TIER: **BEST**

BRAND: Norton

TRADENAME: **NORZON 20X**

SHAPE: Type 29

FLAP DENSITY: Standard

ABRASIVE: Zirconia Alumina Plus

BACKING PLATE: Fiberglass

## AVAILABILITY

| SIZE (D x H)   | GRIT | MAX. RPM | STD. PKG. | PART NO.    |
|----------------|------|----------|-----------|-------------|
| 4 x M-10       | 40   | 15,300   | 5         | 07660703214 |
|                | 60   |          |           | 07660703215 |
|                | 80   |          |           | 07660703216 |
| 4-1/2 x 5/8-11 | 40   | 13,300   | 5         | 07660703211 |
|                | 60   |          |           | 07660703212 |
|                | 80   |          |           | 07660703213 |
| 7 x 5/8-11     | 40   | 8,600    | 5         | 07660703205 |
|                | 60   |          |           | 07660703206 |
|                | 80   |          |           | 07660703207 |
| Wire Rack      |      |          | 2         | 07660704157 |

Wire rack (with header card) allows merchandising of 4" and 4-1/2" product three ways: hung on pegboard, mounted on an upright, or placed on a shelf/counter



## Merit Mini Flap Discs



- High performance zirconia alumina abrasive provides maximum cut rate and life
- Layered flaps wear away evenly, producing a high quality and consistent finish

## AVAILABILITY

| TIER:             | BETTER                   | BETTER                   |
|-------------------|--------------------------|--------------------------|
| ABRASIVE:         | Zirconia Alumina         | Zirconia Alumina         |
| FLAP:             | Cotton                   | Cotton                   |
| BACKING MATERIAL: | Extra Heavy Duty Plastic | Extra Heavy Duty Plastic |
| ATTACHMENT:       | TS (Type II)             | TR (Type III)            |



| SIZE (D) | GRIT | STD. PKG. | PART NO.    | PART NO.    |
|----------|------|-----------|-------------|-------------|
| 2"       | 36   | 10        | 08834195020 | 08834194550 |
|          | 40   |           | 08834195021 | 08834194551 |
|          | 60   |           | 08834195022 | 08834194552 |
|          | 80   |           | 08834195023 | 08834194553 |
|          | 120  |           | 08834195024 | 08834194554 |
| 3"       | 36   | 10        | 08834195035 | 08834194563 |
|          | 40   |           | 08834195036 | 08834194564 |
|          | 60   |           | 08834195037 | 08834194565 |
|          | 80   |           | 08834195038 | 08834194566 |
|          | 120  |           | 08834195039 | 08834194567 |



TS (TYPE II)



TR (TYPE III)

| DESCRIPTION                        | STD. PKG. | MAX. RPM | PART NO.    |
|------------------------------------|-----------|----------|-------------|
| <b>Mini Flap Disc Back-up Pads</b> |           |          |             |
| 2" & 3" TS (Type II) Back-up Pads  | 1         | 30,000   | 08834168539 |
| 2" & 3" TR (Type III) Back-up Pads | 1         | 30,000   | 08834160172 |