



**RHODIUS**

**more simple**  
**simply more**



# NOTES

## New Part Numbers

|       |                           |                           |
|-------|---------------------------|---------------------------|
| XT77  | 6 x .040 x 7/8 - 210274   | 6 x .045 x 7/8 - 209898   |
| XTK77 | 4.5 x .040 x 7/8 - 210258 | 4.5 x .045 x 7/8 - 210259 |
|       | 6 x .040 x 7/8 - 210260   | 6 x .045 x 7/8 - 210261   |
| XT67  | 6 x .040 x 7/8 - 210254   |                           |
| XTK67 | 4.5 x .040 x 7/8 - 210262 | 6 x .040 x 7/8 - 210263   |
| XT70  | 6 x .040 x 7/8 - 210255   | 6 x .045 x 7/8 - 209535   |
| XTK70 | 4.5 x .040 x 7/8 - 210268 | 6 x .040 x 7/8 - 210270   |
| XT10  | 6 x .040 x 7/8 - 210257   |                           |
| XTK10 | 6 x .040 x 7/8 - 210272   | 6 x .045 x 7/8 - 209881   |
| XT20  | 4.5 x .040 x 7/8 - 209434 | 4.5 x .045 x 7/8 - 209435 |
|       | 5 x .040 x 7/8 - 209436   | 5 x .045 x 7/8 - 209437   |
|       | 6 x .040 x 7/8 - 210253   | 6 x .045 x 7/8 - 209438   |
|       | 7 x .045 x 7/8 - 209439   |                           |
| XTK20 | 4.5 x .040 x 7/8 - 210264 | 4.5 x .045 x 7/8 - 210265 |
|       | 6 x .040 x 7/8 - 210266   | 6 x .045 x 7/8 - 210267   |
|       | 7 x .045 x 7/8 - 209894   | 9 x .075 x 7/8 - 209895   |

# RHODIUS



**Rhodius Germany Offices**

Producing in excess of 80 million cut-off and grinding wheels annually, Rhodius is proud to be associated amongst the world's leaders in high quality bonded abrasives manufacturers.

Based in Burgbrohl, Germany Rhodius employees over 200 employees, all dedicated to maintaining, further developing and ensuring the best innovative bonded abrasives available.

Rhodius strives for excellence and as a result is a founding member of oSa (Organization for Safety of Abrasives), a leading European authority within the industry.

This family owned business, founded in 1952, currently supplies over 100 countries worldwide. The latest addition being the unique partnership between Rhodius and Sundisc Abrasives USA.



**Rhodius Germany Plant**

Sundisc Abrasives continues to develop its product offering, productivity, and quality while supplying in excess of 50 countries worldwide. In order to support its customer base, Sundisc Abrasives has production facilities in The Netherlands, Europe, China, Malaysia and a US distribution center based in St. Louis, Missouri. Sundisc Abrasives is also a member of oSa



**Sundisc Abrasives USA**

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# Product Overview/Quality Levels

## Cut off wheels

| BRAINTOOLS® | TOP LINE ●●● | PRO LINE ●●○         | ALPHA LINE ●○○ |
|-------------|--------------|----------------------|----------------|
| XT8 EXACT   | XT10         | XT38<br>XT67<br>FT33 | XT70<br>XT77   |
|             | XT24         |                      |                |
|             | XT66         |                      |                |

\*\* Hubbed (5/8-11 Arbor) Cut Off Wheels are available upon request.

## ST Stationary Cut Off Wheels

| BRAINTOOLS® | TOP LINE ●●● | PRO LINE ●●○ | ALPHA LINE ●○○ |
|-------------|--------------|--------------|----------------|
|             |              | ST34         |                |

## RS Grinding Wheels

| BRAINTOOLS® | TOP LINE ●●●         | PRO LINE ●●○ | ALPHA LINE ●○○ |
|-------------|----------------------|--------------|----------------|
|             | RS57<br>RS24<br>RS66 | RS2          | RS28<br>KSM    |

## Flap Discs

| BRAINTOOLS®  | TOP LINE ●●●   | PRO LINE ●●○   | ALPHA LINE ●○○         |
|--------------|--|--|------------------------|
| LSZ F VISION | FFC F SD<br>FCC F SD<br>FFC P SD<br>FCC P SD<br>FCZ PT SD<br>FFZ PT SD | FFZ F SHD<br>FFZ F HD<br>FFZ F SD<br>FCZ F SHD<br>FCZ F HD<br>FCZ F SD<br>FFS 1 SD | FFZ F2 SD<br>FCZ F2 SD |



Steel/Stainless Steel



Steel



Aluminum



Stone

# BRAINTOOLS

## Material:

- Rust- and acid proofed steels
- High-alloyed steels
- High tensile steels
- High tensile metal sheets
- Plastic laminated metal sheets
- Varnished metal sheets

## Application examples:

- Thin-walled sheets
- Thin-walled tubes
- Thin-walled profiles
- Cable ducts
- Corrugated sheets
- Trapezoidal profiles
- Thread rods

## Product Advantages:

- Precise cut
- Minimum development of burs
- Few sparks
- Very high cutting speed
- Long lifetime
- Very cool cut
- High side stability
- Low odor

## XT8 EXACT

BRAINTOOLS<sup>®</sup>  
by Rhodius

### Type 1

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 1-1/4" x .032" x 1/4" | 209867      | 50      |
| 1-1/2" x .032" x 1/4" | 209868      | 50      |
| 2" x .032" x 1/4"     | 209869      | 50      |
| 2-1/2" x .032" x 1/4" | 209870      | 50      |



Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●○  
 Stock Removal: ●●●●●●●●  
 Contaminate Free

### Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .032" x 7/8" | 209381      | 50      |
| 5" x .032" x 7/8"     | 209382      | 50      |

## Material:

- Rust- and acid proofed steels
- Hardened steels, high alloyed steels
- Tool steels
- Structural steels
- High tensile metal sheets
- Varnished metal sheets
- Galvanized parts
- Hardox

## Application examples:

- Cutting
- Beveling
- Burr Removal
- Dressing
- Solid Materials
- Thin metal sheets, tubes and profiles
- Plastic laminated metal sheets
- Structural steel sheets, concrete reinforcing iron
- Folded spiral seam tube

## Application examples:

- Combined working
- Low development of burrs
- Fewer sparks
- High cutting speed
- Very long lifetime
- High stock removal
- Short cutting times
- Comfortable cutting behavior
- Efficient

## XT35 CROSS

BRAINTOOLS<sup>®</sup>  
by Rhodius

### Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .075" x 7/8" | 209383      | 25      |
| 5" x .075" x 7/8"     | 209384      | 25      |

| Dimensions               | Part Number | Box Qty |
|--------------------------|-------------|---------|
| 4-1/2" x .075" x 5/8"-11 | 209383H     | 10      |
| 5" x .075" x 5/8"-11     | 209384H     | 10      |

Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●●  
 Stock Removal: ●●●●●●○  
 Contaminate Free



# Stainless Steel Cutting

## Material:

- Rust- and acid proofed steels
- Hardox
- Hardened steels
- High-alloyed steels
- High tensile steels
- Galvanized parts

## Application examples:

- Thin walled tubes
- Thin walled profiles
- Steel sheets
- Solid material
- Flat iron

## Product Advantages:

- Low development of burs
- Few sparks
- High cutting speed
- Long lifetime
- Cool cut
- Low odor

## XT10

Type 1

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4" x .040" x 5/8"     | 209878      | 50      |
| 4-1/2" x .040" x 7/8" | 209401      | 50      |
| 4-1/2" x .045" x 7/8" | 209402      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210109      | 50      |
| 5" x .040" x 7/8"     | 209403      | 50      |
| 5" x .045" x 7/8"     | 209404      | 50      |
| 5" x 1/16" x 7/8"     | 210110      | 50      |
| 6" x .045" x 7/8"     | 209405      | 25      |
| 6" x 1/16" x 7/8"     | 210111      | 25      |
| 7" x .045" x 7/8"     | 209879      | 25      |



Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●●  
 Stock Removal: ●●●●●●●●  
 Contaminate Free

## XTK10

Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209406      | 50      |
| 4-1/2" x .045" x 7/8" | 209407      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210112      | 50      |
| 5" x .040" x 7/8"     | 209408      | 50      |
| 5" x .045" x 7/8"     | 209409      | 50      |
| 5" x 1/16" x 7/8"     | 210113      | 50      |
| 7" x .045" x 7/8"     | 209410      | 25      |
| 9" x .075" x 7/8"     | 209882      | 25      |

TOP LINE ●●●

## XT38

Type 1

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209411      | 50      |
| 4-1/2" x .045" x 7/8" | 209412      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210114      | 50      |
| 5" x .040" x 7/8"     | 209413      | 50      |
| 5" x .045" x 7/8"     | 209414      | 50      |
| 5" x 1/16" x 7/8"     | 210115      | 50      |
| 6" x .045" x 7/8"     | 209415      | 25      |
| 6" x 1/16" x 7/8"     | 210116      | 25      |
| 7" x .045" x 7/8"     | 209883      | 25      |
| 9" x .075" x 7/8"     | 209884      | 25      |



Hardness: ●●●●●○  
 Lifetime: ●●●●●○  
 Stock Removal: ●●●●●●  
 Contaminate Free

## XTK38

Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209416      | 50      |
| 4-1/2" x .045" x 7/8" | 209417      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210117      | 50      |
| 5" x .040" x 7/8"     | 209418      | 50      |
| 5" x .045" x 7/8"     | 209419      | 50      |
| 5" x 1/16" x 7/8"     | 210118      | 50      |
| 7" x .045" x 7/8"     | 209420      | 25      |
| 9" x .075" x 7/8"     | 209886      | 25      |

PRO LINE ●●●

## XT70

Type 1

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209421      | 100     |
| 4-1/2" x .045" x 7/8" | 209424      | 100     |
| 4-1/2" x 1/16" x 7/8" | 210119      | 100     |
| 5" x .040" x 7/8"     | 209427      | 100     |
| 5" x .045" x 7/8"     | 209430      | 100     |
| 5" x 1/16" x 7/8"     | 210120      | 100     |



Hardness: ●●●●○○  
 Lifetime: ●●●●○○  
 Stock Removal: ●●●●○○  
 Contaminate Free

## XTK70

Type 27

| Dimensions             | Part Number | Box Qty |
|------------------------|-------------|---------|
| 4-1/2" x .045 x 7/8"   | 210121      | 100     |
| 4-1/2" x 1/16 " x 7/8" | 210122      | 100     |
| 5" x .045 x 7/8"       | 210123      | 100     |
| 5" x 1/16 x 7/8"       | 210124      | 100     |
| 6" x .045 x 7/8"       | 210125      | 25      |
| 6" x 1/16 x 7/8"       | 210126      | 25      |
| 7" x .045 x 7/8"       | 209433      | 25      |
| 9" x .075 x 7/8"       | 209890      | 25      |

ALPHA LINE ○○○

# Steel Cutting

## Material:

- Hardox
- High tensile steels
- Structural Steels
- Tool Steels
- Galvanized Parts

## Application examples:

- Thin walled tubes
- Thin walled profiles
- Steel sheets
- Solid material
- Flat iron

## Product Advantages:

- Low development of burs
- Few sparks
- High cutting speed
- Long lifetime
- Cool cut
- Low odor

## XT67

Type 1

PROLINE

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209440      | 50      |
| 4-1/2" x .045" x 7/8" | 209441      | 50      |
| 5" x .040" x 7/8"     | 209442      | 50      |
| 5" x .045" x 7/8"     | 209443      | 50      |
| 6" x .045" x 7/8"     | 209444      | 25      |
| 7" x .045" x 7/8"     | 209445      | 25      |
| 9" x .075" x 7/8"     | 209896      | 25      |



## XTK67

Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4 1/2" x .045" x 7/8" | 209446      | 50      |
| 5" x .045" x 7/8"     | 209447      | 50      |
| 7" x .045" x 7/8"     | 209448      | 25      |
| 9" x .075" x 7/8"     | 209897      | 25      |

Hardness: ●●●●○○  
 Lifetime: ●●●●○○  
 Stock Removal: ●●●●●●

## XT77

Type 1

ALPHALINE

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .040" x 7/8" | 209450      | 100     |
| 4-1/2" x .045" x 7/8" | 209451      | 100     |
| 5" x .040" x 7/8"     | 209452      | 100     |
| 5" x .045" x 7/8"     | 209453      | 100     |



## XTK77

Type 27

| Dimensions        | Part Number | Box Qty |
|-------------------|-------------|---------|
| 7" x .045" x 7/8" | 209454      | 25      |
| 9" x .075" x 7/8" | 209899      | 25      |

Hardness: ●●●●○○  
 Lifetime: ●●●●○○  
 Stock Removal: ●●●●●●

## FT33

Type 1

PROLINE

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x 3/32" x 7/8" | 209645      | 25      |
| 5" x 3/32" x 7/8"     | 209932      | 25      |
| 6" x 3/32" x 7/8"     | 209934      | 25      |
| 7" x 3/32" x 7/8"     | 209936      | 25      |
| 9" x 3/32" x 7/8"     | 209938      | 25      |



## FTK33

Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x 3/32" x 7/8" | 209455      | 25      |
| 5" x 3/32" x 7/8"     | 209456      | 25      |
| 6" x 3/32" x 7/8"     | 209457      | 25      |
| 7" x 3/32" x 7/8"     | 209458      | 25      |
| 9" x 3/32" x 7/8"     | 209459      | 25      |

Hardness: ●●●●○○  
 Lifetime: ●●●●○○  
 Stock Removal: ●●●●●●



# Chopsaw Blade

## Material:

- Hardened steels
- High-alloyed steels
- Structural steels
- Tool steels
- Rust- and acid-proofed steels
- Gray cast iron

## Application examples:

- Thin walled tubes
- Thin walled profiles
- Flat iron
- Galvanized parts
- Solid material
- SML tuubes

## Product Advantages:

- Low development of burs
- Few sparks
- High cutting speed
- Easy cutting
- Low odor

## ST34

Type 1

PROLINE

| Dimensions       | Part Number | Box Qty |
|------------------|-------------|---------|
| 12" x 3/32" x 1" | 209977      | 10      |
| 12" x 1/8" x 1"  | 209979      | 10      |
| 14" x 3/32" x 1" | 209652      | 10      |
| 14" x 1/8" x 1"  | 209651      | 10      |
| 16" x 1/8" x 1"  | 209983      | 10      |



Hardness: ●●○○○○  
 Lifetime: ●●●○○○  
 Stock Removal: ●●●●●○

# Aluminum Cutting

**Material:**

- Non-ferrous metals
- Brass
- Bearing metal
- Al-alloy

**Application examples:**

- Rain guttering
- Eaves flashing
- Corrugated sheets
- Thin walled tubes
- Thin walled profiled
- Solid material

**Product Advantages:**

- Low development of burrs
- High cutting speed
- Easy cutting
- No clogging
- Long lifetime
- Cool cut

## XT24

Type 1

**TOP LINE**

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .045" x 7/8" | 209460      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210127      | 50      |
| 5" x .045" x 7/8"     | 209461      | 50      |
| 5" x 1/16" x 7/8"     | 210128      | 50      |
| 6" x .045" x 7/8"     | 209462      | 25      |
| 6" x 1/16" x 7/8"     | 210129      | 25      |
| 7" x .045" x 7/8"     | 209463      | 25      |
| 9" x .075" x 7/8"     | 209900      | 25      |

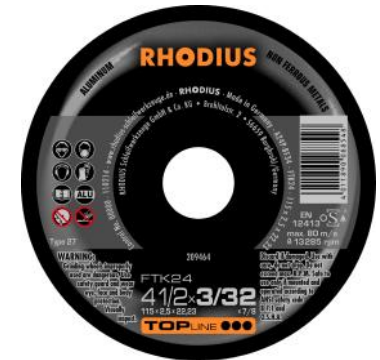
Hardness:



Lifetime:



Stock Removal:



# Stone Cutting

**Material:**

- Concrete Products
- Lime Stone
- Artificial Stone
- Natural Stone
- Marble
- Titanium

**Application examples:**

- Roofing tiles
- Pumice stone
- Structural plaster
- External bricks
- Tiles

**Product Advantages:**

- Clean cutting edges
- Low development
- Aggressive cutting
- Fast cutting

## XT66

Type 1

**TOP LINE**

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4-1/2" x .045" x 7/8" | 209468      | 50      |
| 4-1/2" x 1/16" x 7/8" | 210130      | 50      |
| 5" x .045" x 7/8"     | 209469      | 50      |
| 5" x 1/16" x 7/8"     | 210131      | 50      |
| 6" x .045" x 7/8"     | 210132      | 25      |
| 6" x 1/16" x 7/8"     | 210133      | 25      |
| 7" x .075" x 7/8"     | 209470      | 25      |
| 9" x .075" x 7/8"     | 209901      | 25      |

Hardness:



Lifetime:



Stock Removal:



# Stainless Steel Grinding

## Material:

- Rust and acid proofed steels
- Hardened steels
- Structured steels
- Tool steels

## Application examples:

- Weld seam preparation
- Burr removing
- Leveling
- Edge grinding
- Surface
- Grinding
- Welding seams

## Product Advantages:

- Comfortable grinding performance
- Long lifetime
- High stock removal
- Efficient

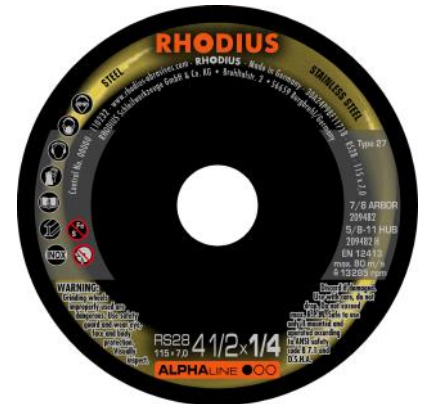
## RS28 Type 27

ALPHALINE

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4-1/2" x 1/4" x 7/8" | 209471      | 25      |
| 5" x 1/4" x 7/8"     | 209473      | 25      |
| 7" x 1/4" x 7/8"     | 209472      | 10      |
| 9" x 1/4" x 7/8"     | 209474      | 10      |

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/4" x 5/8"-11 | 209471H     | 10      |
| 5" x 1/4" x 5/8"-11     | 209473H     | 10      |
| 7" x 1/4" x 5/8"-11     | 209472H     | 10      |
| 9" x 1/4" x 5/8"-11     | 209474H     | 10      |

Hardness: ●●●●○○  
 Lifetime: ●●●●○○  
 Stock Removal: ●●●●●●●●  
 Contaminate Free



# Steel Grinding

**Material:**

- Hardened steels
- High alloyed steels
- Structure steels
- Tool steels

**Application examples:**

- Weld seam preparation
- Leveling
- Edge grinding
- Surface grinding

**Product Advantages:**

- Efficient
- Long lifetime
- High stock removal
- Comfortable grinding performance

## RS57 Pipeline Premium Zirconia Type 27

**TOP LINE**

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4-1/2" x 1/8" x 7/8" | 209720      | 25      |
| 5" x 1/8" x 7/8"     | 209721      | 25      |
| 6" x 1/8" x 7/8"     | 209722      | 10      |
| 7" x 1/8" x 7/8"     | 209723      | 10      |
| 9" x 1/8" x 7/8"     | 209724      | 10      |



## RS57 Premium Zirconia Type 27

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4-1/2" x 1/4" x 7/8" | 209691      | 25      |
| 5" x 1/4" x 7/8"     | 209823      | 25      |
| 6" x 1/4" x 7/8"     | 210134      | 10      |
| 7" x 1/4" x 7/8"     | 209706      | 10      |
| 9" x 1/4" x 7/8"     | 209707      | 10      |

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/8" x 5/8"-11 | 209720H     | 10      |
| 5" x 1/8" x 5/8"-11     | 209721H     | 10      |
| 6" x 1/8" x 5/8"-11     | 209722H     | 10      |
| 7" x 1/8" x 5/8"-11     | 209723H     | 10      |
| 9" x 1/8" x 5/8"-11     | 209724H     | 10      |

Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●○  
 Stock Removal: ●●●●●●●●

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/4" x 5/8"-11 | 209691H     | 10      |
| 5" x 1/4" x 5/8"-11     | 209823H     | 10      |
| 6" x 1/4" x 5/8"-11     | 210134H     | 10      |
| 7" x 1/4" x 5/8"-11     | 209706H     | 10      |
| 9" x 1/4" x 5/8"-11     | 209707H     | 10      |

# Steel Grinding

**Material:**

- Hardened steels
- High alloyed steels
- Structure steels
- Tool steels

**Application examples:**

- Weld seam preparation
- Leveling
- Edge grinding
- Surface grinding

**Product Advantages:**

- Efficient
- Long lifetime
- High stock removal
- Comfortable grinding performance

## RS2 Pipeline Premium Aluminum Oxide Type 27

**PROLINE**

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4-1/2" x 1/8" x 7/8" | 210046      | 25      |
| 5" x 1/8" x 7/8"     | 210047      | 25      |
| 6" x 1/8" x 7/8"     | 210048      | 10      |
| 7" x 1/8" x 7/8"     | 210049      | 10      |
| 9" x 1/8" x 7/8"     | 210050      | 10      |



Hardness: ●●●○○○  
 Lifetime: ●●●○○○  
 Stock Removal: ●●●○○○

## RS2 Premium Aluminum Oxide Type 27

| Dimensions            | Part Number | Box Qty |
|-----------------------|-------------|---------|
| 4" x 1/4" x 5/8"      | 209476      | 10      |
| 4-1/2" x 5/32" x 7/8" | 209631      | 10      |
| 4-1/2" x 1/4" x 7/8"  | 209477      | 10      |
| 5" x 5/32" x 7/8"     | 210135      | 10      |
| 5" x 1/4" x 7/8"      | 209479      | 10      |
| 6" x 1/4" x 7/8"      | 209480      | 10      |
| 7" x 5/32" x 7/8"     | 209632      | 10      |
| 7" x 1/4" x 7/8"      | 209478      | 10      |
| 7" x 3/8" x 7/8"      | 210136      | 10      |
| 9" x 1/4" x 7/8"      | 209481      | 10      |

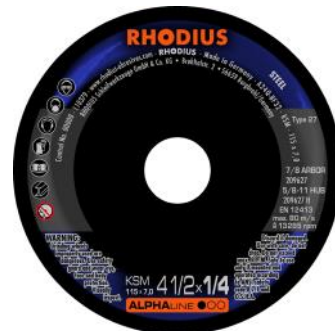
| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/8" x 5/8"-11 | 210046H     | 10      |
| 5" x 1/8" x 5/8"-11     | 210047H     | 10      |
| 6" x 1/8" x 5/8"-11     | 210048H     | 10      |
| 7" x 1/8" x 5/8"-11     | 210049H     | 10      |
| 9" x 1/8" x 5/8"-11     | 210050H     | 10      |

| Dimensions               | Part Number | Box Qty |
|--------------------------|-------------|---------|
| 4-1/2" x 5/32" x 5/8"-11 | 209631H     | 10      |
| 4-1/2" x 1/4" x 5/8"-11  | 209477H     | 10      |
| 5" x 5/32" x 5/8"-11     | 210135H     | 10      |
| 5" x 1/4" x 5/8"-11      | 209479H     | 10      |
| 6" x 1/4" x 5/8"-11      | 209480H     | 10      |
| 7" x 5/32" x 5/8"-11     | 209632H     | 10      |
| 7" x 1/4" x 5/8"-11      | 209478H     | 10      |
| 7" x 3/8" x 5/8"-11      | 210136H     | 10      |
| 9" x 1/4" x 5/8"-11      | 209481H     | 10      |

## KSM Type 27

**ALPHA LINE**

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4" x 1/4" x 5/8"     | 209626      | 25      |
| 4-1/2" x 1/4" x 7/8" | 209627      | 25      |
| 5" x 1/4" x 7/8"     | 209628      | 25      |
| 7" x 1/4" x 7/8"     | 209629      | 10      |
| 9" x 1/4" x 7/8"     | 209630      | 10      |



Hardness: ●●●○○○  
 Lifetime: ●●●○○○  
 Stock Removal: ●●●○○○

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/4" x 5/8"-11 | 209627H     | 10      |
| 5" x 1/4" x 5/8"-11     | 209628H     | 10      |
| 7" x 1/4" x 5/8"-11     | 209629H     | 10      |
| 9" x 1/4" x 5/8"-11     | 209630H     | 10      |

# Aluminum Grinding

## Material:

- Non-ferrous metals
- Brass
- Bearing metal
- Al-alloy
- Bronze

## Application examples:

- Weld Seam preparation
- Leveling
- Edge grinding
- Surface grinding
- Cleaning of castings

## Product Advantages:

- High stock removal
- No clogging of the wheel
- Aggressive grinding
- Minimal heating of the material

## RS24

Type 27

TOPLINE

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4-1/2" x 1/4" x 7/8" | 209636      | 25      |
| 5" x 1/4" x 7/8"     | 210018      | 25      |
| 7" x 1/4" x 7/8"     | 210019      | 10      |
| 9" x 1/4" x 7/8"     | 210020      | 10      |

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/4" x 5/8"-11 | 209636H     | 10      |
| 5" x 1/4" x 5/8"-11     | 210018H     | 10      |
| 7" x 1/4" x 5/8"-11     | 210019H     | 10      |
| 9" x 1/4" x 5/8"-11     | 210020H     | 10      |

Hardness: ●●●○○○

Lifetime: ●●●○○○

Stock Removal: ●●●○○○



# Stone Grinding

## Material:

- Building materials
- Grey cast iron
- Non-ferrous metals
- Alloys like brass and bronze
- AL-MG Alloys

## Application examples:

- Edge grinding
- Surface grinding
- Leveling
- Cleaning of castings

## Product Advantages:

- Long lifetime
- Good stock removal performance

## RS66

Type 27

TOPLINE

| Dimensions           | Part Number | Box Qty |
|----------------------|-------------|---------|
| 4" x 1/4" x 5/8"     | 210021      | 25      |
| 4-1/2" x 1/4" x 7/8" | 210022      | 25      |
| 5" x 1/4" x 7/8"     | 210023      | 25      |
| 7" x 1/4" x 7/8"     | 210024      | 10      |
| 9" x 1/4" x 7/8"     | 210025      | 10      |

| Dimensions              | Part Number | Box Qty |
|-------------------------|-------------|---------|
| 4-1/2" x 1/4" x 5/8"-11 | 210022H     | 10      |
| 5" x 1/4" x 5/8"-11     | 210023H     | 10      |
| 7" x 1/4" x 5/8"-11     | 210024H     | 10      |
| 9" x 1/4" x 5/8"-11     | 210025H     | 10      |

Hardness: ●●●○○○

Lifetime: ●●●○○○

Stock Removal: ●●●○○○

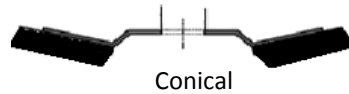


# Flap Discs

**Ceramic** – X weight Polyester backing, coated with a **TOP SIZED** ceramic blend. Ideally suited for rapid stock removal on stainless steel and other hardened materials. The **TOP SIZE** coating reduces heat and loading with extended life, giving excellent **PERFORMANCE** to **COST RATIO**

## FCC F SD

Type 29 Standard Density  
Fiber Glass Backing



Conical

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●●●

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 14000       | 14001 | 14002 | 14088 | 14086 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 14003       | 14004 | 14005 | 14024 | 14025 | 10      |
| 5" x 7/8"        | 12,000  | 14006       | 14007 | 14008 | 14032 | 14033 | 10      |
| 6" x 7/8"        | 10,200  | 14075       | 14076 | 14077 | 14078 | 14079 | 10      |
| 7" x 7/8"        | 8,600   | 14009       | 14010 | 14011 | 14012 | 14013 | 10      |
| 4" x 3/8"-24     | 15,300  | 14200       | 14201 | 14202 | 14288 | 14286 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 14203       | 14204 | 14205 | 14028 | 14029 | 10      |
| 5" x 5/8"-11     | 12,000  | 14206       | 14207 | 14208 | 14034 | 14035 | 10      |
| 6" x 5/8"-11     | 10,200  | 14375       | 14376 | 14377 | 14378 | 14379 | 10      |
| 7" x 5/8"-11     | 8,600   | 14209       | 14210 | 14211 | 14212 | 14213 | 10      |



## FFC F SD

Type 27 Standard Density  
Fiber Glass Backing



Flat

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●●●

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 14089       | 14090 | 14014 | 14087 | 14085 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 14015       | 14016 | 14017 | 14026 | 14027 | 10      |
| 5" x 7/8"        | 12,000  | 14018       | 14019 | 14020 | 14036 | 14037 | 10      |
| 6" x 7/8"        | 10,200  | 14080       | 14081 | 14082 | 14083 | 14084 | 10      |
| 7" x 7/8"        | 8,600   | 14021       | 14022 | 14023 | 14073 | 14074 | 10      |
| 4" x 3/8"-24     | 15,300  | 14289       | 14290 | 14214 | 14387 | 14385 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 14215       | 14216 | 14217 | 14030 | 14031 | 10      |
| 5" x 5/8"-11     | 12,000  | 14218       | 14219 | 14220 | 14224 | 14239 | 10      |
| 6" x 5/8"-11     | 10,200  | 14280       | 14281 | 14282 | 14283 | 14284 | 10      |
| 7" x 5/8"-11     | 8,600   | 14221       | 14222 | 14223 | 14273 | 14274 | 10      |



## FCC P SD

Type 29 Internal Thread  
Plastic Backing

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●●●

| Dimensions     | Max RPM | Part Number |       |       | Box Qty |
|----------------|---------|-------------|-------|-------|---------|
|                |         | 40          | 60    | 80    |         |
| 4-1/2"x7/8"    | 13,300  | 14510       | 14511 | 14512 | 10      |
| 5"x7/8"        | 12,000  | 14518       | 14519 | 14520 | 10      |
| 4-1/2"x5/8"-11 | 13,300  | 14701       | 14702 | 14703 | 10      |
| 5"x5/8"-11     | 12,000  | 14711       | 14712 | 14713 | 10      |

## FFC P SD

Type 27 Internal Thread  
Plastic Backing

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●●●

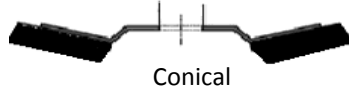
| Dimensions     | Max RPM | Part Number |       |       | Box Qty |
|----------------|---------|-------------|-------|-------|---------|
|                |         | 40          | 60    | 80    |         |
| 4-1/2"x7/8"    | 13,300  | 14501       | 14502 | 14503 | 10      |
| 5"x7/8"        | 12,000  | 14521       | 14522 | 14523 | 10      |
| 4-1/2"x5/8"-11 | 13,300  | 14706       | 14707 | 14708 | 10      |
| 5"x5/8"-11     | 12,000  | 14716       | 14717 | 14718 | 10      |

# Flap Discs

**Zirconia with Grinding Aid**- Heavy X weight Polyester backing coated with a **TOP SIZED** zirconia grain. The grinding aid provides a cooler rate of cut and reduces loading. Ideally suited for rapid stock removal on harder materials. Offered in Super High Density, it has 20% more cloth than High Density and 80% more cloth than Standard Density

## FCZ F SHD

Type 29 Super High Density



Conical

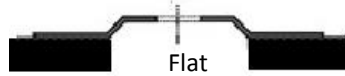
Lifetime: ●●●●●○  
Stock Removal: ●●●●●●

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 36          | 40    | 60    |         |
| 4-1/2" x 7/8"    | 13,300  | 10072       | 10073 | 10074 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 10272       | 10273 | 10274 | 10      |



## FFZ F SHD

Type 27 Super High Density



Flat

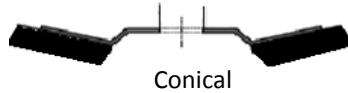
Lifetime: ●●●●●○  
Stock Removal: ●●●●●●

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 36          | 40    | 60    |         |
| 4-1/2" x 7/8"    | 13,300  | 10075       | 10076 | 10077 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 10275       | 10276 | 10277 | 10      |

Our **Xtreme Zirconia** are made of 100% Zirconia material. Ideal for stock removal and is extremely long lasting. These come with a plastic backing and are trimmable. The 5/8-11 arbor is an internal thread, that is included in the backing.

## FCZ PT SD

Type 29 Internal Thread Plastic Backing



Conical

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 40          | 60    | 80    |         |
| 4-1/2" x 7/8"    | 13,300  | 13504       | 13505 | 13506 | 10      |
| 5" x 7/8"        | 12,000  | 13518       | 13519 | 13520 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 13551       | 13552 | 13553 | 10      |
| 5" x 5/8"-11     | 12,000  | 13561       | 13562 | 13563 | 10      |



## FFZ PT SD

Type 27 Internal Thread Plastic Backing



Flat

Lifetime: ●●●●●○  
Stock Removal: ●●●●●●

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 40          | 60    | 80    |         |
| 4-1/2" x 7/8"    | 13,300  | 13501       | 13502 | 13503 | 10      |
| 5" x 7/8"        | 12,000  | 13521       | 13522 | 13523 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 13556       | 13557 | 13558 | 10      |
| 5" x 5/8"-11     | 12,000  | 13566       | 13567 | 13568 | 10      |

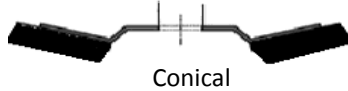


# Flap Discs

**Premium Zirconia** –X weight Poly/Cotton blend. Most preferred material for flap discs worldwide. This zirconia is a self sharpening grain offering continuous rate of cut and longevity. Ideally suited for all general grinding and blending of most materials.

## FCZ F1 SHD

Type 29 Super High Density



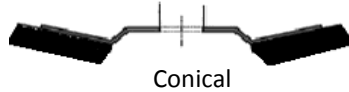
Conical

Lifetime: ●●●●●○  
Stock Removal: ●●●●●○

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 36          | 40    | 60    |         |
| 4-1/2" x 7/8"    | 13,300  | 11109       | 11110 | 11111 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11310       | 11311 | 11312 | 10      |

## FCZ F1 HD

Type 29 High Density



Conical

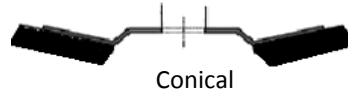
Lifetime: ●●●●●○  
Stock Removal: ●●●●●○

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 11040       | 11041 | 11042 | 11043 | 11044 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 11045       | 11046 | 11047 | 11048 | 11049 | 10      |
| 5" x 7/8"        | 12,000  | 11050       | 11051 | 11052 | 11053 | 11054 | 10      |
| 6" x 7/8"        | 10,200  | 11080       | 11081 | 11082 | 11083 | 11084 | 10      |
| 7" x 7/8"        | 8,600   | 11055       | 11056 | 11057 | 11058 | 11059 | 10      |
| 4" x 3/8"-24     | 15,300  | 11241       | 11242 | 11243 | 11244 | 11245 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11246       | 11247 | 11248 | 11249 | 11250 | 10      |
| 5" x 5/8"-11     | 12,000  | 11251       | 11252 | 11253 | 11254 | 11255 | 10      |
| 6" x 5/8"-11     | 10,200  | 11281       | 11282 | 11283 | 11284 | 11285 | 10      |
| 7" x 5/8"-11     | 8,600   | 11256       | 11257 | 11258 | 11259 | 11260 | 10      |



## FCZ F1 SD

Type 29 Standard Density



Conical

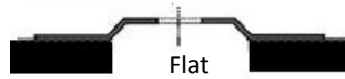
Lifetime: ●●●●●○  
Stock Removal: ●●●●●○

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 11000       | 11001 | 11002 | 11003 | 11004 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 11005       | 11006 | 11007 | 11008 | 11009 | 10      |
| 5" x 7/8"        | 12,000  | 11010       | 11011 | 11012 | 11013 | 11014 | 10      |
| 6" x 7/8"        | 10,200  | 11090       | 11091 | 11092 | 11093 | 11094 | 10      |
| 7" x 7/8"        | 8,600   | 11015       | 11016 | 11017 | 11018 | 11019 | 10      |
| 4" x 3/8"-24     | 15,300  | 11201       | 11202 | 11203 | 11204 | 11205 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11206       | 11207 | 11208 | 11209 | 11210 | 10      |
| 5" x 5/8"-11     | 12,000  | 11211       | 11212 | 11213 | 11214 | 11215 | 10      |
| 6" x 5/8"-11     | 10,200  | 11291       | 11292 | 11293 | 11294 | 11295 | 10      |
| 7" x 5/8"-11     | 8,600   | 11216       | 11217 | 11218 | 11219 | 11220 | 10      |

# Flap Discs

## FFZ F1 SHD

Type 29 Super High Density

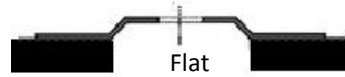


Lifetime: ●●●●●○  
Stock Removal: ●●●●●○

| Dimensions       | Max RPM | Part Number |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|---------|
|                  |         | 36          | 40    | 60    |         |
| 4-1/2" x 7/8"    | 13,300  | 11112       | 11113 | 11114 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11313       | 11314 | 11315 | 10      |

## FFZ F1 HD

Type 29 High Density



Lifetime: ●●●●○○  
Stock Removal: ●●●●○○

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 11060       | 11061 | 11062 | 11063 | 11064 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 11065       | 11066 | 11067 | 11068 | 11069 | 10      |
| 5" x 7/8"        | 12,000  | 11070       | 11071 | 11072 | 11073 | 11074 | 10      |
| 6" x 7/8"        | 10,200  | 11085       | 11086 | 11087 | 11088 | 11089 | 10      |
| 7" x 7/8"        | 8,600   | 11075       | 11076 | 11077 | 11078 | 11079 | 10      |
| 4" x 3/8"-24     | 15,300  | 11261       | 11262 | 11263 | 11264 | 11265 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11266       | 11267 | 11268 | 11269 | 11270 | 10      |
| 5" x 5/8"-11     | 12,000  | 11271       | 11272 | 11273 | 11274 | 11275 | 10      |
| 6" x 5/8"-11     | 10,200  | 11286       | 11287 | 11288 | 11289 | 11290 | 10      |
| 7" x 5/8"-11     | 8,600   | 11276       | 11277 | 11278 | 11279 | 11280 | 10      |



## FFZ F1 SD

Type 29 Standard Density



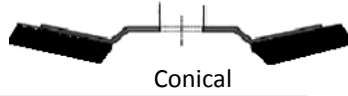
Lifetime: ●●●●○○  
Stock Removal: ●●●●○○

| Dimensions       | Max RPM | Part Number |       |       |       |       | Box Qty |
|------------------|---------|-------------|-------|-------|-------|-------|---------|
|                  |         | 36          | 40    | 60    | 80    | 120   |         |
| 4" x 5/8"        | 15,300  | 11020       | 11021 | 11022 | 11023 | 11024 | 10      |
| 4-1/2" x 7/8"    | 13,300  | 11025       | 11026 | 11027 | 11028 | 11029 | 10      |
| 5" x 7/8"        | 12,000  | 11030       | 11031 | 11032 | 11033 | 11034 | 10      |
| 6" x 7/8"        | 10,200  | 11095       | 11096 | 11097 | 11098 | 11099 | 10      |
| 7" x 7/8"        | 8,600   | 11035       | 11036 | 11037 | 11038 | 11039 | 10      |
| 4" x 3/8"-24     | 15,300  | 11221       | 11222 | 11223 | 11224 | 11225 | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 11226       | 11227 | 11228 | 11229 | 11230 | 10      |
| 5" x 5/8"-11     | 12,000  | 11231       | 11232 | 11233 | 11234 | 11235 | 10      |
| 6" x 5/8"-11     | 10,200  | 11296       | 11297 | 11298 | 11299 | 11300 | 10      |
| 7" x 5/8"-11     | 8,600   | 11236       | 11237 | 11238 | 11239 | 11240 | 10      |

# Flap Discs

**Aluminum Cut- Premium ALOX with Stearate** X weight Poly/Cotton blend aluminum oxide with a stearate. Designed for Aluminum, reduces heat and loading.

## FCS F1 SD



Lifetime: ●●●○○○  
Stock Removal: ●●●●○○

Type 29 Standard Density

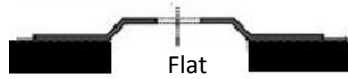
Conical

| Dimensions       | Max RPM | Part Number |         | Box Qty |
|------------------|---------|-------------|---------|---------|
|                  |         | 36 Grit     | 60 Grit |         |
| 4-1/2" x 7/8"    | 13,300  | 15000       | 15001   | 10      |
| 5" x 7/8"        | 12,000  | 15002       | 15003   | 10      |
| 7" x 7/8"        | 8,600   | 15004       | 15005   | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 15200       | 15201   | 10      |
| 5" x 5/8"-11     | 12,000  | 15202       | 15203   | 10      |
| 7" x 5/8"-11     | 8,600   | 15204       | 15205   | 10      |



PRO LINE ●●●

## FFS F1 SD



Lifetime: ●●●○○○  
Stock Removal: ●●●●○○

Type 27 Standard Density

Flat

| Dimensions       | Max RPM | Part Number |         | Box Qty |
|------------------|---------|-------------|---------|---------|
|                  |         | 36 Grit     | 60 Grit |         |
| 4-1/2" x 7/8"    | 13,300  | 15006       | 15007   | 10      |
| 5" x 7/8"        | 12,000  | 15008       | 15009   | 10      |
| 7" x 7/8"        | 8,600   | 15010       | 15011   | 10      |
| 4-1/2" x 5/8"-11 | 13,300  | 15206       | 15207   | 10      |
| 5" x 5/8"-11     | 12,000  | 15208       | 15209   | 10      |
| 7" x 5/8"-11     | 8,600   | 15210       | 15211   | 10      |

PRO LINE ●●●

**SMART PACK Zirconia Economy Flap Discs**-The Smart Pack from Rhodius comprises of 100 fast stock removal flap discs. 10 packs of 10 discs shrink wrapped and placed into a 100 pack box. **LOWER COST, GREAT VALUE.**

## FCZ F2 SD/ FFZ F2 SD

Lifetime: ●●●○○○  
Stock Removal: ●●●●○○

Type 29 Standard Density

| Dimensions       | Part Number |       |       |       |       | Type | Box Qty |
|------------------|-------------|-------|-------|-------|-------|------|---------|
|                  | 36          | 40    | 60    | 80    | 120   |      |         |
| 4-1/2" x 7/8"    | 17004       | 17000 | 17001 | 17002 | 17003 | 29   | 100     |
| 4-1/2" x 7/8"    | 17005       | 17006 | 17007 | 17008 | 17009 | 27   | 100     |
| 4-1/2" x 5/8"-11 | 17209       | 17200 | 17201 | 17202 | 17203 | 29   | 50      |
| 4-1/2" x 5/8"-11 | 17204       | 17206 | 17207 | 17208 | 17210 | 27   | 50      |



ALPHA LINE ●○○

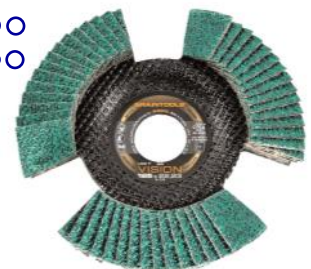
**VISION Discs** are a uniquely designed PATENTED product that allows you to view your work as you are grinding and/or polishing. Due to the precise removal of strategic parts of the disc, combined with the black backing of the disc, a vacuum is created allowing for visibility while the disc is in use.

## LSZ F VISION

Lifetime: ●●●●○○  
Stock Removal: ●●●●○○

Type 29

| Diameter      | Max RPM | Part Number |        |        | Box Qty |
|---------------|---------|-------------|--------|--------|---------|
|               |         | 40          | 60     | 80     |         |
| 4-1/2" x 7/8" | 13,285  | 209385      | 209386 | 209387 | 10      |
| 5" x 7/8"     | 12,200  | 209389      | 209389 | 209390 | 10      |



BRAINTOOLS<sup>®</sup>  
by Rhodius

# Premium Resin Fiber Discs

Rhodium **Premium Resin Fiber Discs** are made of premium Aluminum Oxide, Zirconia and Ceramic. RFD promotes aggressive, self sharpening, long lasting abrasive grains. The grains are coated on heavy duty vulcanized fiber discs by an electrostatic coating process, then bonded to them with a special phenolic resin.

**Applications:** Grinding, stock removal, surface leveling, blending, and finishing  
**For Use On:** Ferrous and Non-Ferrous Metals

## Premium Ceramic

| Dimensions    | Max RPM | Part Number |       |       |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|-------|-------|---------|
|               |         | 24          | 36    | 50    | 60    | 80    |         |
| 4-1/2" x 7/8" | 13,300  | 83000       | 83001 | 83002 | 83003 | 83004 | 25      |
| 5" x 7/8"     | 12,000  | 83010       | 83005 | 83006 | 83007 | 83008 | 25      |
| 7" x 7/8"     | 8,600   | 83009       | 83011 | 83012 | 83013 | 83014 | 25      |



## Premium Zirconia

| Dimensions    | Max RPM | Part Number |       |       |       |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|-------|-------|-------|---------|
|               |         | 16          | 24    | 36    | 50    | 60    | 80    |         |
| 4" x 5/8"     | 15,300  | 81000       | 81001 | 81002 | 81003 | 81004 | 81005 | 25      |
| 4-1/2" x 7/8" | 13,300  | 81006       | 81007 | 81008 | 81009 | 81010 | 81011 | 25      |
| 5" x 7/8"     | 12,000  | 81012       | 81013 | 81014 | 81015 | 81016 | 81017 | 25      |
| 7" x 7/8"     | 8,600   | 81018       | 81019 | 81020 | 81021 | 81022 | 81023 | 25      |



## Premium Aluminum Oxide

| Dimensions    | Max RPM | Part Number |       |       |       |       |       |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|---------|
|               |         | 16          | 24    | 36    | 50    | 60    | 80    | 100   | 120   |         |
| 4" x 5/8"     | 15,300  | 80000       | 80001 | 80002 | 80003 | 80004 | 80005 | 80006 | 80007 | 25      |
| 4-1/2" x 7/8" | 13,300  | 80008       | 80009 | 80010 | 80011 | 80012 | 80013 | 80014 | 80015 | 25      |
| 5" x 7/8"     | 12,000  | 80016       | 80017 | 80018 | 80019 | 80020 | 80021 | 80022 | 80023 | 25      |
| 7" x 7/8"     | 8,600   | 80024       | 80025 | 80026 | 80027 | 80028 | 80029 | 80030 | 80031 | 25      |
| 9" x 7/8"     | 6,500   | 80032       | 80033 | 80034 | 80035 | 80036 | 80037 | 80038 | 80039 | 25      |



\*All Premium Resin Fiber Discs available with Smart Lock System, add \$0.50 to net price and refer to customer service for part number

## Back -Up Pads

Premium Rubber Air Cooled

| Dimensions | Part # | Box Qty |
|------------|--------|---------|
| 4"         | 82108  | 1       |
| 4-1/2"     | 82101  | 1       |
| 5"         | 82111  | 1       |
| 7"         | 82104  | 1       |



# Resin Fiber Discs

Rhodium **Resin Fiber Discs** are made of Aluminum Oxide and Zirconia.

**Applications:** Grinding, stock removal, surface leveling, blending, and finishing

**For Use On:** Ferrous and Non-Ferrous Metals

## Zirconia

ALPHALINE

| Dimensions    | Max RPM | Part Number |       |       |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|-------|-------|---------|
|               |         | 24          | 36    | 50    | 60    | 80    |         |
| 4" x 5/8"     | 15,300  | 84115       | 84116 | 84117 | 84118 | 84119 | 25      |
| 4-1/2" x 7/8" | 13,300  | 84100       | 84101 | 84102 | 84103 | 84104 | 25      |
| 5" x 7/8"     | 12,000  | 84105       | 84106 | 84107 | 84108 | 84109 | 25      |
| 7" x 7/8"     | 8,600   | 84110       | 84111 | 84112 | 84113 | 84114 | 25      |



## Aluminum Oxide

ALPHALINE

| Dimensions    | Max RPM | Part Number |       |       |       |       |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|-------|-------|-------|-------|---------|
|               |         | 24          | 36    | 50    | 60    | 80    | 100   | 120   |         |
| 4" x 5/8"     | 15,300  | 84020       | 84021 | 84022 | 84023 | 84024 | 84025 | 84026 | 25      |
| 4-1/2" x 7/8" | 13,300  | 84028       | 84029 | 84030 | 84031 | 84032 | 84033 | 84034 | 25      |
| 5" x 7/8"     | 12,000  | 84036       | 84037 | 84038 | 84039 | 84040 | 84041 | 84042 | 25      |
| 7" x 7/8"     | 8,600   | 84044       | 84045 | 84046 | 84047 | 84048 | 84049 | 84050 | 25      |
| 9" x 7/8"     | 6,500   | 84052       | 84083 | 84054 | 84055 | 84056 | 84057 | 84058 | 25      |



## Back -Up Pads

Plastic

ALPHALINE

| Dimensions | Part # | Box Qty |
|------------|--------|---------|
| 4"         | 82109  | 1       |
| 4-1/2"     | 82102  | 1       |
| 5"         | 82112  | 1       |
| 7"         | 82105  | 1       |



# Flap Wheels

Rhodium **Flap Wheels** are made from X-weight, full cotton backed premium Aluminum Oxide abrasive cloth and provide a consistent finish with a uniform rate of cut. Flap Wheels continually wear away, exposing fresh abrasive throughout the total life of the wheel. Flap Wheels conform to most shapes as they are used.

**Applications :** Finishing, Rust removal, Deburring, Surface grinding, Beveling

## Premium Aluminum Oxide 1/4" Shank

**PROLINE**

| Dimensions      | Max RPM | Part Number |       |       |       |       |       |       | Box Qty |
|-----------------|---------|-------------|-------|-------|-------|-------|-------|-------|---------|
|                 |         | 40          | 60    | 80    | 120   | 180   | 240   | 320   |         |
| 1/4" x 3/4"     | 30,000  | 20072       | 20073 | 20074 | 20075 | 20076 | 20077 | 20078 | 10      |
| 3/4" x 3/4"     | 30,000  | 20079       | 20000 | 20001 | 20002 | 20080 | 20053 | 20081 | 10      |
| 1" x 1/2"       | 30,000  | 20082       | 20003 | 20004 | 20005 | 20083 | 20084 | 20085 | 10      |
| 1" x 5/8"       | 30,000  | 20086       | 20006 | 20007 | 20008 | 20087 | 20088 | 20089 | 10      |
| 1" x 3/4"       | 30,000  | 20090       | 20091 | 20092 | 20093 | 20094 | 20095 | 20096 | 10      |
| 1" x 1"         | 30,000  | 20009       | 20010 | 20011 | 20012 | 20065 | 20013 | 20062 | 10      |
| 1-1/2" x 1/2"   | 30,000  | 20097       | 20014 | 20015 | 20016 | 20098 | 20099 | 20100 | 10      |
| 1-1/2" x 1"     | 30,000  | 20056       | 20017 | 20018 | 20019 | 20050 | 20101 | 20102 | 10      |
| 2" x 1/2"       | 25,000  | 20103       | 20020 | 20021 | 20022 | 20104 | 20058 | 20059 | 10      |
| 2" x 3/4"       | 25,000  | 20055       | 20023 | 20024 | 20025 | 20105 | 20106 | 20107 | 10      |
| 2" x 1"         | 25,000  | 20057       | 20026 | 20027 | 20028 | 20051 | 20029 | 20030 | 10      |
| 2" x 1-1/2"     | 25,000  | 20068       | 20067 | 20066 | 20064 | 20069 | 20070 | 20071 | 10      |
| 2" x 2"         | 25,000  | 20108       | 20109 | 20110 | 20111 | 20112 | 20113 | 20114 | 10      |
| 2-1/2" x 1/2"   | 23,000  | 20116       | 20031 | 20032 | 20033 | 20117 | 20118 | 20119 | 10      |
| 2-1/2" x 1"     | 23,000  | 20034       | 20035 | 20036 | 20037 | 20061 | 20063 | 20120 | 10      |
| 2-1/2" x 1-1/2" | 23,000  | 20121       | 20122 | 20123 | 20124 | 20125 | 20126 | 20127 | 10      |
| 3" x 1/2"       | 23,000  | 20054       | 20038 | 20039 | 20040 | 20128 | 20129 | 20130 | 10      |
| 3" x 3/4"       | 23,000  | 20131       | 20132 | 20133 | 20134 | 20135 | 20136 | 20137 | 10      |
| 3" x 1"         | 23,000  | 20049       | 20041 | 20042 | 20043 | 20052 | 20044 | 20045 | 10      |
| 3" x 2"         | 20,000  | 20138       | 20046 | 20047 | 20048 | 20139 | 20140 | 20141 | 10      |

\*Other grits and sizes are available upon request. Minimum orders may apply.



# Flap Wheels

## Premium Aluminum Oxide 1/4"-20 Threaded

| PRO LINE | Dimensions     | Max RPM | Part Number |       |       |       |       | Box Qty |
|----------|----------------|---------|-------------|-------|-------|-------|-------|---------|
|          |                |         | 40          | 60    | 80    | 120   | 240   |         |
|          | 3/4" x 3/8"    | 30,000  | 21042       | 21043 | 21044 | 21045 | 21046 | 10      |
|          | 1" x 1/2"      | 30,000  | 21052       | 21005 | 21006 | 21007 | 21053 | 10      |
|          | 1" x 5/8"      | 30,000  | 21054       | 21039 | 21041 | 21040 | 21055 | 10      |
|          | 1" x 1"        | 30,000  | 21000       | 21001 | 21002 | 21003 | 21004 | 10      |
|          | 1-3/16" x 3/8" | 30,000  | 21047       | 21048 | 21049 | 21050 | 21051 | 10      |
|          | 1-1/2" x 1/2"  | 30,000  | 21056       | 21008 | 21009 | 21010 | 21057 | 10      |
|          | 1-1/2" x 1"    | 30,000  | 21058       | 21011 | 21012 | 21013 | 21014 | 10      |
|          | 2" x 1/2"      | 25,000  | 21059       | 21015 | 21016 | 21017 | 21060 | 10      |
|          | 2" x 1"        | 25,000  | 21018       | 21019 | 21020 | 21021 | 21022 | 10      |
|          | 2" x 1-1/2"    | 25,000  | 21067       | 21068 | 21069 | 21037 | 21070 | 10      |
|          | 2-1/2" x 1/2"  | 23,000  | 21061       | 21023 | 21024 | 21025 | 21062 | 10      |
|          | 2-1/2" x 1"    | 23,000  | 21063       | 21026 | 21027 | 21028 | 21064 | 10      |
|          | 3" x 1/2"      | 23,000  | 21065       | 21029 | 21030 | 21031 | 21066 | 10      |
|          | 3" x 1"        | 23,000  | 21032       | 21033 | 21034 | 21035 | 21036 | 10      |



**Unmounted Flap Wheels** are U.S. made with premium Aluminum Oxide. They are to be used on Bench Grinders and Flexi Shaft Grinders.

## Premium Unmounted- Poly-Cotton 'Backing' Weight

| PRO LINE | Dimensions       | Max RPM | Part Number |       |       |       |       |       |       | Box Qty |     |
|----------|------------------|---------|-------------|-------|-------|-------|-------|-------|-------|---------|-----|
|          |                  |         | 40          | 60    | 80    | 120   | 150   | 180   | 240   |         | 320 |
|          | 4" x 1" x 5/8"   | 8,600   | 28018       | 28019 | 28020 | 28021 | 28022 | 28023 | 28024 | 28025   | 1   |
|          | 4" x 2" x 5/8"   | 8,600   | 28026       | 28027 | 28028 | 28029 | 28030 | 28031 | 28032 | 28033   | 1   |
|          | 6" x 1/2" x 1"   | 5,700   | 28034       | 28035 | 28036 | 28037 | 28038 | 28039 | 28040 | 28041   | 1   |
|          | 6" x 1" x 1"     | 5,700   | 28042       | 28000 | 28001 | 28002 | 28043 | 28044 | 28045 | 28046   | 1   |
|          | 6" x 1-1/2" x 1" | 5,700   | 28061       | 28003 | 28004 | 28005 | 28062 | 28063 | 28064 | 28065   | 1   |
|          | 6" x 2" x 1"     | 5,700   | 28016       | 28006 | 28007 | 28008 | 28047 | 28048 | 28049 | 28050   | 1   |
|          | 8" x 1" x 1"     | 5,200   | 28051       | 28009 | 28010 | 28011 | 28052 | 28053 | 28054 | 28055   | 1   |
|          | 8" x 2" x 1"     | 5,200   | 28056       | 28012 | 28013 | 28014 | 28057 | 28058 | 28059 | 28060   | 1   |



# Quick Change Discs

Rhodium **Quick Change Discs (QCD)** are made of premium coated materials, Aluminum Oxide, Zirconia with Grinding Aid and Ceramic. Rhodium also offers QCD in non-woven material for surface conditioning. QCD come with Type R and Type S locking systems and provide a fast and effective method for deburring, blending, finishing and polishing on all types of metals. Ideal for right angle or straight shaft air tools, and on flexible shaft grinders

## Ceramic

TOP LINE

| Dimensions | Max RPM | Part Number |       |       |       |       |       | Type | Box Qty |
|------------|---------|-------------|-------|-------|-------|-------|-------|------|---------|
|            |         | 24          | 36    | 50    | 60    | 80    | 120   |      |         |
| 2"         | 30,000  | 65529       | 65530 | 65531 | 65532 | 65533 | 65534 | R    | 100     |
| 2"         | 30,000  | 65540       | 65518 | 65519 | 65520 | 65521 | 65522 | S    | 100     |
| 3"         | 20,000  | 65541       | 65535 | 65536 | 65537 | 65538 | 65539 | R    | 50      |
| 3"         | 20,000  | 65523       | 65524 | 65525 | 65526 | 65527 | 65528 | S    | 50      |



## Zirconia with Grinding Aid

TOP LINE

| Dimensions | Max RPM | Part Number |       |       |       |       |       | Type | Box Qty |
|------------|---------|-------------|-------|-------|-------|-------|-------|------|---------|
|            |         | 24          | 36    | 50    | 60    | 80    | 120   |      |         |
| 2"         | 30,000  | 66000       | 66001 | 66002 | 66003 | 66004 | 66005 | R    | 100     |
| 2"         | 30,000  | 66500       | 66501 | 66502 | 66503 | 66504 | 66505 | S    | 100     |
| 3"         | 20,000  | 66010       | 66011 | 66012 | 66013 | 66014 | 66015 | R    | 50      |
| 3"         | 20,000  | 66510       | 66511 | 66512 | 66513 | 66514 | 66515 | S    | 50      |



## Premium Aluminum Oxide

PRO LINE

| Dimensions | Max RPM | Part Number |       |       |       |       |       |       |       | Type | Box Qty |
|------------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|------|---------|
|            |         | 24          | 36    | 50    | 60    | 80    | 120   | 150   | 180   |      |         |
| 1-1/2"     | 30,000  | 64003       | 64004 | 64001 | 64005 | 64006 | 64002 | 64007 | 64008 | R    | 100     |
| 2"         | 30,000  | 65000       | 65001 | 65002 | 65003 | 65004 | 65005 | 65006 | 65007 | R    | 100     |
| 2"         | 30,000  | 65500       | 65501 | 65502 | 65503 | 65504 | 65505 | 65506 | 65507 | S    | 100     |
| 3"         | 20,000  | 65010       | 65011 | 65012 | 65013 | 65014 | 65015 | 65016 | 65017 | R    | 50      |
| 3"         | 20,000  | 65510       | 65511 | 65512 | 65513 | 65514 | 65515 | 65516 | 65517 | S    | 50      |



\*Other grits and sizes are available upon request. Minimum orders may apply.



# Non-Woven

**Surface Conditioning Pads** are best used to remove welds, debur, blend tool marks and for finishing. These discs grind and finish in a single operation. They offer a smooth and controlled grind as well as no smearing on titanium or stainless steel.

## Surface Conditioning Pads

| TOP LINE | Part # | Dimensions | Grit | Type | Box Qty |
|----------|--------|------------|------|------|---------|
|          | 69000  | 2"         | C    | R    | 100     |
|          | 69001  | 2"         | M    | R    | 100     |
|          | 69002  | 2"         | VF   | R    | 100     |
|          | 69003  | 3"         | C    | R    | 50      |
|          | 69004  | 3"         | M    | R    | 50      |
|          | 69005  | 3"         | VF   | R    | 50      |
|          | 69500  | 2"         | C    | S    | 100     |
|          | 69501  | 2"         | M    | S    | 100     |
|          | 69502  | 2"         | VF   | S    | 100     |
|          | 69503  | 3"         | C    | S    | 50      |
| 69504    | 3"     | M          | S    | 50   |         |
| 69505    | 3"     | VF         | S    | 50   |         |



VF— Very Fine

M- Medium

C— Course

## Rubber Holder Pads

| TOP LINE | Diameter | Type | Shank | Part # | Box Qty |
|----------|----------|------|-------|--------|---------|
|          | 1-1/2"   | R    | 1/4"  | 55200  | 1       |
|          | 1-1/2"   | S    | 1/4"  | 55201  | 1       |
|          | 2"       | R    | 1/4"  | 55004  | 1       |
|          | 2"       | S    | 1/4"  | 55014  | 1       |
|          | 3"       | R    | 1/4"  | 55009  | 1       |
|          | 3"       | S    | 1/4"  | 55019  | 1       |
|          | 4"       | R    | 1/4"  | 55010  | 1       |
|          | 4"       | S    | 1/4"  | 55011  | 1       |



Non-woven finishing flap wheels are designed for blending and finishing applications found in the metal fabrication, welding and polishing industries. Non-woven flap wheels are available with: non-woven flaps only, where finishing is the primary application. Also available in interleaf, with alternating cloth and non-woven abrasive flaps for stock removal and finishing.

## Interleaf Flap Wheels

| TOP LINE    | Dimensions | Max RPM | Part Number |       |       |     | Box Qty |
|-------------|------------|---------|-------------|-------|-------|-----|---------|
|             |            |         | 240VF       | 120F  | 80M   | 60C |         |
| 1-1/2" x 1" | 15,000     | 41000   | 41001       | 41002 | 41003 | 10  |         |
| 2" x 1"     | 12,000     | 41004   | 41005       | 41006 | 41007 | 10  |         |
| 2" x 2"     | 12,000     | 41008   | 41009       | 41010 | 41011 | 10  |         |
| 2-1/2" x 1" | 12,000     | 41012   | 41013       | 41014 | 41015 | 10  |         |
| 3" x 1"     | 8,600      | 41016   | 41017       | 41018 | 41019 | 10  |         |
| 3" x 2"     | 8,600      | 41020   | 41021       | 41022 | 41023 | 10  |         |

## Non-Woven Flap Wheels

| Dimensions  | Max RPM | Part Number |       |       |       | Box Qty |
|-------------|---------|-------------|-------|-------|-------|---------|
|             |         | VF          | F     | M     | C     |         |
| 1-1/2" x 1" | 15,000  | 40000       | 40001 | 40002 | 40003 | 10      |
| 2" x 1"     | 12,000  | 40004       | 40005 | 40006 | 40007 | 10      |
| 2" x 2"     | 12,000  | 40008       | 40009 | 40010 | 40011 | 10      |
| 3" x 1"     | 8,600   | 40012       | 40013 | 40014 | 40015 | 10      |
| 3" x 2"     | 8,600   | 40016       | 40017 | 40018 | 40019 | 10      |

# Clean and Strip

Rhodium **Clean and Strip** products are made from an extra coarse grade silicon carbide. This product category is offered in the following styles: Type 1 wheels, Type 2 and Type 3 quick change locking systems, T27 disc style, and shank mounted. Great for maintenance applications, cleaning and conditioning. Safe alternative to wire wheels and scrapers.

**Applications:** Cleaning and Striping

**For Use On:** Rust, Oxides, Paint, Labels, and Surface prep

## Discs- Type 27

TOP LINE

| Diameter | Arbor   | Type | Part # | Box Qty |
|----------|---------|------|--------|---------|
| 4-1/2"   | 7/8"    | T27  | 45000  | 10      |
| 7"       | 7/8"    | T27  | 45001  | 10      |
| 4-1/2"   | 5/8"-11 | T27  | 45010  | 10      |
| 7"       | 5/8"-11 | T27  | 45011  | 10      |



## Type 1

TOP LINE

| Diameter      | Arbor | Type | Part # | Box Qty |
|---------------|-------|------|--------|---------|
| 3" x 1/2"     | 1/4"  | T1   | 45200  | 10      |
| 4" x 1/2"     | 1/4"  | T1   | 45201  | 10      |
| 4" x 1"       | 1/2"  | T1   | 45202  | 10      |
| 4-1/2" x 1/2" | 1/2"  | T1   | 45203  | 10      |
| 5" x 1/2"     | 1/2"  | T1   | 45204  | 10      |
| 6" x 1/2"     | 1/2"  | T1   | 45205  | 10      |
| 7" x 1/2"     | 1/2"  | T1   | 45206  | 10      |
| 8" x 1/2"     | 1/2"  | T1   | 45207  | 10      |



## Shank Mounted Wheels

TOP LINE

| Diameter  | Arbor | Type  | Part # | Box Qty |
|-----------|-------|-------|--------|---------|
| 2" x 1/2" | 1/4"  | Shank | 45208  | 10      |
| 2" x 1"   | 1/4"  | Shank | 45209  | 10      |
| 3" x 1/2" | 1/4"  | Shank | 45210  | 10      |
| 3" x 1"   | 1/4"  | Shank | 45211  | 10      |
| 4" x 1/2" | 1/4"  | Shank | 45212  | 10      |
| 4" x 1"   | 1/4"  | Shank | 45213  | 10      |



## Type R

TOP LINE

| Diameter | Type | Part # | Box Qty |
|----------|------|--------|---------|
| 2"       | R    | 45215  | 10      |
| 3"       | R    | 45216  | 10      |
| 4"       | R    | 45217  | 10      |



# Specialty

**Semi-Flex Discs** are black, silicone grinding discs. That are designed for removal of surfaces on concrete, epoxy, and paint. This rigid disc does not require a backing plate.

## Semi-Flex

| Dimensions    | Max RPM | Part Number |       |       | Box Qty |
|---------------|---------|-------------|-------|-------|---------|
|               |         | C16         | C24   | C36   |         |
| 4-1/2" x 7/8" | 15,000  | 46000       | 46001 | 46002 | 25      |
| 7" x 7/8"     | 12,000  | 46003       | 46004 | 46005 | 25      |



**Sigma Green Discs** are a combination of Aluminum Oxide and Zirconium Oxide in a proprietary bond for rapid stock removal. Unique construction allows for cool, quiet and chatter free operation with reduced operator fatigue. Virtually iron free, it is recommended for stainless steel, mild steel, aluminum, titanium and all nickel alloys.

## Sigma Green

| Dimensions       | Spec. | Part # | Box Qty |
|------------------|-------|--------|---------|
| 4" x 5/8"        | 36    | 50000  | 25      |
| 4-1/2" x 7/8"    | 36    | 50001  | 25      |
| 4-1/2" x 5/8"-11 | 36    | 50002  | 10      |
| 5" x 7/8"        | 36    | 50003  | 25      |
| 5" x 5/8"-11     | 36    | 50004  | 10      |
| 7" x 7/8"        | 36    | 50005  | 10      |
| 7" x 5/8"-11     | 36    | 50006  | 10      |



**Max Flex Discs** are made from non woven cotton fiber. This flexible wheel is designed for blending and finishing in one single step. This discs performs at its maximum capacity on both flat and contoured surfaces and leaves a consistent finish during the entire life of the wheel.

## Max Flex Cotton Fiber Wheel

| Dimensions    | Part Number |       | Box Qty |
|---------------|-------------|-------|---------|
|               | A36         | A54   |         |
| 4-1/2" x 7/8" | 50102       | 50100 | 10      |
| 7" x 7/8"     | 50103       | 50104 | 10      |



Our **Unitized Wheels** allow the operator to debur, break edges, and finish all in one operation. Provides easy operator control, smooth finish and is long lasting. Best used on: Stainless Steel, Aluminum, and Exotic metals

## Convolute Wheels

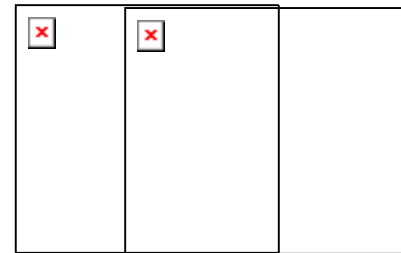
| PROLINE      | Dimensions     | Type   | Grit   | Part # | Box Qty |
|--------------|----------------|--------|--------|--------|---------|
|              | 6" x 1/2" x 1" | 7SF    | Fine   | 59500  | 6       |
|              | 6" x 1/2" x 1" | 8SF    | Fine   | 59501  | 6       |
|              | 6" x 1/2" x 1" | 8AM    | Medium | 59502  | 6       |
|              | 6" x 1/2" x 1" | 9SF    | Fine   | 59503  | 6       |
|              | 6" x 1" x 1"   | 7SF    | Fine   | 59504  | 3       |
|              | 6" x 1" x 1"   | 8SF    | Fine   | 59505  | 3       |
|              | 6" x 1" x 1"   | 8AM    | Medium | 59506  | 3       |
|              | 6" x 1" x 1"   | 9SF    | Fine   | 59507  | 3       |
|              | 8" x 1/2" x 3" | 7SF    | Fine   | 59508  | 6       |
|              | 8" x 1/2" x 3" | 8SF    | Fine   | 59509  | 6       |
|              | 8" x 1/2" x 3" | 8AM    | Medium | 59510  | 6       |
|              | 8" x 1/2" x 3" | 9SF    | Fine   | 59511  | 6       |
|              | 8" x 1" x 3"   | 7SF    | Fine   | 59512  | 3       |
|              | 8" x 1" x 3"   | 8SF    | Fine   | 59513  | 3       |
| 8" x 1" x 3" | 8AM            | Medium | 59514  | 3      |         |
| 8" x 1" x 3" | 9SF            | Fine   | 59515  | 3      |         |



Offers long life and easy operator control. Best used for removal, weld surface prep, edge breaking and light deburring

## Unitized Quick Change Discs

| PROLINE | Dimensions | Thickness | Type | Part # | Box Qty |
|---------|------------|-----------|------|--------|---------|
|         | 2" x 1/4"  | 2S F      | R    | 59516  | 100     |
|         | 2" x 1/4"  | 4S F      | R    | 59517  | 100     |
|         | 2" x 1/4"  | 2A M      | R    | 59518  | 100     |
|         | 2" x 1/4"  | 6A M      | R    | 59519  | 100     |
|         | 3" x 1/4"  | 2S F      | R    | 59520  | 48      |
|         | 3" x 1/4"  | 4S F      | R    | 59521  | 48      |
|         | 3" x 1/4"  | 2A M      | R    | 59522  | 48      |
|         | 3" x 1/4"  | 6A M      | R    | 59523  | 48      |



These **T1 Deburring Wheels** are made with layers of cotton compressed with abrasive grit. These are comparable to 8 or 9 density unitized wheels, except they grind, last up to 10x longer and offer equivalent surface finishing.

## Non Woven Cotton Fiber Deburring Wheels

| TOP LINE         | Dimensions | Part Number |        |       |           | Box Qty |
|------------------|------------|-------------|--------|-------|-----------|---------|
|                  |            | Coarse      | Medium | Fine  | Very Fine |         |
| 2" x 1/8" x 1/4" | 50,008     | 50009       | 50010  | 50011 | 10        |         |
| 2" x 1/4" x 1/4" | 50,012     | 50013       | 50014  | 50015 | 10        |         |
| 3" x 1/8" x 1/4" | 50,016     | 50017       | 50018  | 50019 | 10        |         |
| 3" x 1/4" x 1/4" | 50,020     | 50021       | 50022  | 50023 | 10        |         |
| 3" x 1/8" x 3/8" | 50,024     | 50025       | 50026  | 50027 | 10        |         |
| 3" x 1/4" x 3/8" | 50,028     | 50029       | 50030  | 50031 | 10        |         |



# Premium Brushes

## Stringer Bead Twist

| TOP LINE | Diameter | # of Knots | Knot Width | Trim Length | Thread Size | Type      | Max RPM | Part # | Box Qty |
|----------|----------|------------|------------|-------------|-------------|-----------|---------|--------|---------|
|          | 4"       | 32         | 3/16"      | 3/4"        | 5/8"-11     | Tempered  | 20      | 60000  | 6       |
|          | 4"       | 32         | 3/16"      | 3/4"        | 5/8"-11     | Stainless | 20      | 60001  | 6       |
|          | 6"       | 50         | 3/16"      | 1-3/8"      | 5/8"-11     | Tempered  | 12.5    | 60002  | 10      |
|          | 7"       | 56         | 3/16"      | 1-3/8"      | 5/8"-11     | Tempered  | 12.5    | 60003  | 10      |

**Stringer Bead**— narrow face profile brush for hard to reach areas. Primarily used for weld cleaning and scale removal in confined areas

## Knot Wheel

| TOP LINE | Diameter | Wire Type | Wire Diameter | Trim Length | Arbor Hole | Type      | Max RPM | Part # | Box Qty |
|----------|----------|-----------|---------------|-------------|------------|-----------|---------|--------|---------|
|          | 4-1/2"   | .020"     | 1/2"          | 1"          | 5/8"-11    | Tempered  | 15      | 60004  | 6       |
|          | 4-1/2"   | .020"     | 1/2"          | 1"          | 5/8"-11    | Stainless | 8.5     | 60005  | 6       |
|          | 6"       | .020"     | 1/2"          | 1-3/8"      | 5/8"-11    | Tempered  | 6       | 60006  | 10      |

**Knot Wheel**— Rapid metal removal capacity and rugged construction allow this brush to handle the toughest applications

## Knot Cup

| TOP LINE | Diameter | Wire Diameter | Trim Length | Arbor Hole | Max RPM | Type     | Part # | Box Qty |
|----------|----------|---------------|-------------|------------|---------|----------|--------|---------|
|          | 2-3/4"   | .20"          | 3/4"        | 5/8"-11    | 15      | Tempered | 60007  | 6       |
|          | 4"       | .20"          | 1-1/16"     | 5/8"-11    | 8.5     | Tempered | 60008  | 1       |
|          | 6"       | .20"          | 1-3/8"      | 5/8"-11    | 6       | Tempered | 60009  | 1       |

**Knot Cup**— Designed for fast metal removal rates and superior durability on large surface areas.

## Crimped Cup

| TOP LINE | Diameter | Wire Diameter | Trim Length | Arbor Hole | Max RPM | Type     | Part # | Box Qty |
|----------|----------|---------------|-------------|------------|---------|----------|--------|---------|
|          | 3"       | .12"          | 7/8"        | 5/8"-11    | 15      | Tempered | 60010  | 6       |
|          | 4"       | .20"          | 1-3/16"     | 5/8"-11    | 8.5     | Tempered | 60011  | 6       |
|          | 6"       | .20"          | 1-9/16"     | 5/8"-11    | 6       | Tempered | 60012  | 6       |

**Crimped Cup**— Designed for general purpose metal removal on large surface areas.



Knot Wheel



Crimped Cup

## Stringer Bead Twist

| PROLINE | Diameter | # of Knots | Knot Width | Trim Length | Thread Size | Type      | Max RPM | Part # | Box Qty |
|---------|----------|------------|------------|-------------|-------------|-----------|---------|--------|---------|
|         | 4"       | 32         | 3/16"      | 3/4"        | 5/8"-11     | Tempered  | 20      | 61000  | 6       |
|         | 4"       | 32         | 3/16"      | 3/4"        | 5/8"-11     | Stainless | 20      | 61001  | 6       |
|         | 6"       | 50         | 3/16"      | 1-3/8"      | 5/8"-11     | Tempered  | 12.5    | 61002  | 10      |
|         | 7"       | 56         | 3/16"      | 1-3/8"      | 5/8"-11     | Tempered  | 12.5    | 61003  | 10      |

**Stringer Bead**— narrow face profile brush for hard to reach areas. Primarily used for weld cleaning and scale removal in confined areas

## Knot Wheel

| PROLINE | Diameter | Wire Type | Wire Diameter | Trim Length | Arbor Hole | Type      | Max RPM | Part # | Box Qty |
|---------|----------|-----------|---------------|-------------|------------|-----------|---------|--------|---------|
|         | 4-1/2"   | .020"     | 1/2"          | 1"          | 5/8"-11    | Tempered  | 15      | 61004  | 6       |
|         | 4-1/2"   | .020"     | 1/2"          | 1"          | 5/8"-11    | Stainless | 8.5     | 61005  | 6       |
|         | 6"       | .020"     | 1/2"          | 1-3/8"      | 5/8"-11    | Tempered  | 6       | 61006  | 10      |

**Knot Wheel**— Rapid metal removal capacity and rugged construction allow this brush to handle the toughest applications

## Knot Cup

| PROLINE | Diameter | Wire Diameter | Trim Length | Arbor Hole | Max RPM | Type     | Part #   | Box Qty |
|---------|----------|---------------|-------------|------------|---------|----------|----------|---------|
|         | 2-3/4"   | .20"          | 3/4"        | 5/8"-11    | 15      | Tempered | 61007IMP | 6       |
|         | 4"       | .20"          | 1-1/16"     | 5/8"-11    | 8.5     | Tempered | 61008IMP | 1       |
|         | 6"       | .20"          | 1-3/8"      | 5/8"-11    | 6       | Tempered | 61009    | 1       |

**Knot Cup**— Designed for fast metal removal rates and superior durability on large surface areas.

## Crimped Cup

| PROLINE | Diameter | Wire Diameter | Trim Length | Arbor Hole | Max RPM | Type     | Part # | Box Qty |
|---------|----------|---------------|-------------|------------|---------|----------|--------|---------|
|         | 3"       | .12"          | 7/8"        | 5/8"-11    | 15      | Tempered | 61010  | 6       |
|         | 4"       | .20"          | 1-3/16"     | 5/8"-11    | 8.5     | Tempered | 61011  | 6       |
|         | 6"       | .20"          | 1-9/16"     | 5/8"-11    | 6       | Tempered | 61012  | 6       |

**Crimped Cup**— Designed for general purpose metal removal on large surface areas.



Stringer Bead Twist

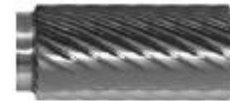


Knot Cup

## SELECTION BY CUT:

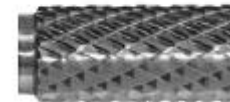
### Single Cut:

Single Cut Burs offer the best surface finish due to the largest flute contact patch, but demands the operator to put forth more control and skill.



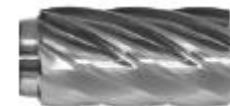
### Double Cut:

Double Cut Burs are the most popular. The right and left hand flutes provide the operator with easier control while still offering a good surface finish.



### Aluminum Cut:

Non-Ferrous burs provide a single flute geometry which allows for improved cutting performance and chip evacuation in aluminum, aluminum alloys, plastics and non-ferrous materials.



## SELECTION BY SIZE:

### Mini Burs:

These are the smallest burs available and are ideal for small and/or fragile projects. Every miniature burr's shank diameter is 1/8"

### Regular Size Burs:

All regular size burs have a shank diameter of 1/4". They offer brazed carbide heads and polished shanks with a brazing strength of 3500 psi.

### Long Series Burs:

All long series burs have a solid 6" steel shank. The long shanks are ideal when a long reach is required.

### Flexible Shank Burs:

Extended Flexible Shanks, up to 24", are available upon request.



\*TiN and AlTiN coated burs available. Coating Colors are subject to change without prior notice.

## A- Series | Cylindrical



## B- Series | Cylindrical End Cut



TOP LINE

| Dimensions    | Type  | Shank | Part #     |            |             |
|---------------|-------|-------|------------|------------|-------------|
|               |       |       | Single Cut | Double Cut | Non Ferrous |
| 1/8" x 1/2"   | SA-43 | 1/8"  | 30000      | 31000      |             |
| 1/4" x 1/2"   | SA-51 | 1/8"  | 30002      | 31002      |             |
| 1/4" x 3/4"   | SA-1  | 1/4"  | 30003      | 31003      | 32000       |
| 5/16" x 3/4"  | SA-2  | 1/4"  | 30004      | 31004      |             |
| 3/8" x 3/4"   | SA-3  | 1/4"  | 30005      | 31005      | 32001       |
| 7/16" x 1"    | SA-4  | 1/4"  |            | 31126      |             |
| 1/2" x 1"     | SA-5  | 1/4"  | 30006      | 31006      | 32002       |
| 5/8" x 1"     | SA-6  | 1/4"  | 30007      | 31007      | 32003       |
| 3/4" x 1"     | SA-7  | 1/4"  | 30008      | 31008      |             |
| 1" x 1"       | SA-9  | 1/4"  |            | 31009      |             |
| 5/6" x 2-1/8" | SA-14 | 1/4"  |            | 31140      |             |

| Dimensions   | Type  | Shank | Part #     |            |             |
|--------------|-------|-------|------------|------------|-------------|
|              |       |       | Single Cut | Double Cut | Non Ferrous |
| 1/16" x 1/4" | SB-41 | 1/8"  |            | 31118      |             |
| 1/8" x 1/2"  | SB-43 | 1/8"  | 30012      | 31013      |             |
| 1/4" x 1/2"  | SB-51 | 1/8"  | 30013      | 31014      |             |
| 1/4" x 3/4"  | SB-1  | 1/4"  | 30014      | 31015      | 32004       |
| 5/16" x 3/4" | SB-2  | 1/4"  | 30015      | 31016      |             |
| 3/8" x 3/4"  | SB-3  | 1/4"  | 30016      | 31017      | 32005       |
| 5/32" x 5/8" | SB-13 | 1/4"  | 30017      | 31018      |             |
| 1/2" x 1"    | SB-5  | 1/4"  | 30018      | 31019      | 32006       |
| 5/8" x 1"    | SB-6  | 1/4"  | 30019      | 31020      | 32007       |
| 3/4" x 1"    | SB-7  | 1/4"  | 30020      | 31021      |             |
| 1" x 1"      | SB-9  | 1/4"  |            | 31022      |             |

## C- Series | Cylindrical Radius



## D- Series | Ball



TOP LINE

| Dimensions    | Type  | Shank | Part #     |            |             |
|---------------|-------|-------|------------|------------|-------------|
|               |       |       | Single Cut | Double Cut | Non Ferrous |
| 3/32" x 7/16" | SC-41 | 1/8"  | 30024      | 31026      |             |
| 1/8" x 1/2"   | SC-42 | 1/8"  | 30025      | 31027      |             |
| 1/4" x 1/2"   | SC-51 | 1/8"  | 30026      | 31028      |             |
| 1/4" x 3/4"   | SC-1  | 1/4"  | 30027      | 31030      | 32008       |
| 5/16" x 3/4"  | SC-2  | 1/4"  | 30028      | 31031      |             |
| 3/8" x 3/4"   | SC-3  | 1/4"  | 30029      | 31032      | 32009       |
| 5/32" x 5/8"  | SC-13 | 1/4"  | 30030      |            |             |
| 3/16" x 5/8"  | SC-14 | 1/4"  |            | 31029      |             |
| 1/2" x 1"     | SC-5  | 1/4"  | 30031      | 31034      | 32010       |
| 5/8" x 1"     | SC-6  | 1/4"  | 30032      | 31035      | 32011       |
| 3/4" x 1"     | SC-7  | 1/4"  | 30033      | 31036      |             |
| 1" x 1"       | SC-9  | 1/4"  |            | 31127      |             |

| Dimensions    | Type  | Shank | Part #     |            |             |
|---------------|-------|-------|------------|------------|-------------|
|               |       |       | Single Cut | Double Cut | Non Ferrous |
| 3/32" x 3/32" | SD-41 | 1/8"  | 30037      | 31040      |             |
| 1/8" x 1/8"   | SD-42 | 1/8"  | 30038      | 31041      |             |
| 1/4" x 1/4"   | SD-51 | 1/8"  | 30039      | 31042      |             |
| 1/4" x 1/4"   | SD-1  | 1/4"  | 30040      | 31043      | 32012       |
| 5/16" x 5/16" | SD-2  | 1/4"  |            | 31122      |             |
| 3/8" x 3/8"   | SD-3  | 1/4"  | 30041      | 31044      | 32013       |
| 7/16" x 7/16" | SD-4  | 1/4"  |            | 31045      |             |
| 1/2" x 1/2"   | SD-5  | 1/4"  | 30042      | 31046      | 32014       |
| 5/8" x 5/8"   | SD-6  | 1/4"  | 30043      | 31047      |             |
| 3/4" x 3/4"   | SD-7  | 1/4"  | 30044      | 31048      |             |



# Burs

## E- Series | Oval



TOP LINE

| Dimensions    | Type  | Shank | Part #     |            |
|---------------|-------|-------|------------|------------|
|               |       |       | Single Cut | Double Cut |
| 3/16" x 9/32" | SE-53 | 1/8"  |            | 31147      |
| 1/8" x 1/4"   | SE-41 | 1/8"  | 30047      | 31052      |
| 1/4" x 3/8"   | SE-51 | 1/8"  | 30048      | 31053      |
| 5/16" x 1/2"  | SE-2  | 1/4"  | 31123      | 31125      |
| 1/4" x 3/8"   | SE-1  | 1/4"  | 30049      | 31054      |
| 3/8" x 5/8"   | SE-3  | 1/4"  | 30050      | 31055      |
| 1/2" x 7/8"   | SE-5  | 1/4"  | 30051      | 31056      |
| 5/8" x 1"     | SE-6  | 1/4"  | 30052      | 31057      |
| 3/4" x 1"     | SE-7  | 1/4"  |            | 31131      |

## F- Series | Round Tree Radius



| Dimensions   | Type  | Shank | Part #     |            |             |
|--------------|-------|-------|------------|------------|-------------|
|              |       |       | Single Cut | Double Cut | Non Ferrous |
| 1/8" x 1/4"  | SF-41 | 1/8"  | 30053      | 31058      |             |
| 1/8" x 1/2"  | SF-42 | 1/8"  | 30054      | 31059      |             |
| 1/4" x 1/2"  | SF-51 | 1/8"  | 30055      | 31060      |             |
| 3/16" x 1/2" | SF-53 | 1/8"  |            | 31145      |             |
| 1/4" x 5/8"  | SF-1  | 1/4"  | 30056      | 31061      | 32016       |
| 3/8" x 3/4"  | SF-3  | 1/4"  | 30057      | 31062      |             |
| 7-16" x 1"   | SF-4  | 1/4"  |            | 31146      |             |
| 1/2" x 1"    | SF-5  | 1/4"  | 30058      | 31064      | 32017       |
| 5/8" x 1"    | SF-6  | 1/4"  | 30059      | 31065      | 32018       |
| 3/4" x 1"    | SF-7  | 1/4"  | 30060      | 31066      |             |
| 1/2" x 3/4"  | SF-13 | 1/4"  |            | 31063      |             |

## G- Series | Pointed Tree



TOP LINE

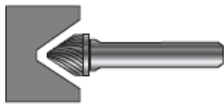
| Dimensions   | Type  | Shank | Part #     |            |
|--------------|-------|-------|------------|------------|
|              |       |       | Single Cut | Double Cut |
| 1/8" x 1/4"  | SG-41 | 1/8"  | 30063      | 31069      |
| 1/8" x 1/2"  | SG-44 | 1/8"  | 30064      | 31070      |
| 1/4" x 1/2"  | SG-51 | 1/8"  | 30065      | 31071      |
| 1/4" x 5/8"  | SG-1  | 1/4"  | 30066      | 31072      |
| 5/16" x 3/4" | SG-2  | 1/4"  |            | 31139      |
| 3/8" x 3/4"  | SG-3  | 1/4"  | 30067      | 31073      |
| 1/2" x 3/4"  | SG-13 | 1/4"  | 30068      | 31074      |
| 1/2" x 1"    | SG-5  | 1/4"  | 30069      | 31075      |
| 5/8" x 1"    | SG-6  | 1/4"  | 30070      | 31076      |

## H-Series | Flame



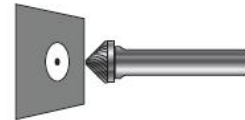
| Dimensions     | Type  | Shank | Part #     |            |
|----------------|-------|-------|------------|------------|
|                |       |       | Single Cut | Double Cut |
| 1/8" x 5/16"   | SH-41 | 1/8"  | 30073      | 31079      |
| 1/4" x 1/2"    | SH-1  | 1/4"  | 30074      | 31080      |
| 5/16" x 3/4"   | SH-2  | 1/4"  | 30075      | 31081      |
| 1/2" x 1-1/4"  | SH-5  | 1/4"  | 30076      | 31082      |
| 5/8" x 1-7/16" | SH-6  | 1/4"  |            | 31124      |
| 3/4" x 1-5/8"  | SH-7  | 1/4"  |            | 31083      |

## J-Series | 60° Included Cone



| Dimensions    | Type  | Shank | Part #     |            |
|---------------|-------|-------|------------|------------|
|               |       |       | Single Cut | Double Cut |
| 1/8" x 3/32"  | SJ-42 | 1/8"  | 30077      | 31084      |
| 1/4" x 3/16"  | SJ-1  | 1/4"  | 30078      | 31085      |
| 3/8" x 5/16"  | SJ-3  | 1/4"  | 30079      | 31086      |
| 1/2" x 7/16"  | SJ-5  | 1/4"  | 30080      | 31087      |
| 5/8" x 9/16"  | SJ-6  | 1/4"  | 30081      | 31088      |
| 3/4" x 11/16" | SJ-7  | 1/4"  | 30082      | 31089      |

## K-Series | 90° Included Cone



| Dimensions   | Type  | Shank | Part #     |            |
|--------------|-------|-------|------------|------------|
|              |       |       | Single Cut | Double Cut |
| 1/8" x 1/16" | SK-42 | 1/8"  | 30083      | 31090      |
| 1/4" x 1/8"  | SK-1  | 1/4"  | 30084      | 31091      |
| 3/8" x 3/16" | SK-3  | 1/4"  | 30085      | 31092      |
| 1/2" x 1/4"  | SK-5  | 1/4"  | 30086      | 31093      |
| 5/8" x 5/16" | SK-6  | 1/4"  | 30087      | 31094      |
| 3/4" x 3/8"  | SK-7  | 1/4"  | 30088      | 31095      |

## L-Series | 14° Inclined Angle



| Dimensions     | Type  | Shank | Part #     |            |             |
|----------------|-------|-------|------------|------------|-------------|
|                |       |       | Single Cut | Double Cut | Non Ferrous |
| 1/8" x 1/2"    | SL-42 | 1/8"  | 30089      | 31096      |             |
| 1/4" x 5/8"    | SL-1  | 1/4"  | 30090      | 31097      | 32019       |
| 3/8" x 3/4"    | SL-2  | 1/4"  |            | 31136      |             |
| 3/8" x 1"      | SL-3  | 1/4"  | 30091      | 31098      | 32020       |
| 1/2" x 1-3/16" | SL-4  | 1/4"  | 30092      | 31099      | 32021       |
| 5/8" x 1-1/4"  | SL-5  | 1/4"  | 30093      | 31100      | 32022       |
| 3/4" x 1-1/2"  | SL-7  | 1/4"  |            | 31101      |             |

## M-Series | Cone

| Dimensions   | Type  | Shank | Part #     |            |
|--------------|-------|-------|------------|------------|
|              |       |       | Single Cut | Double Cut |
| 1/8" x 3/8"  | SM-41 | 1/8"  | 30097      | 31105      |
| 1/8" x 7/16" | SM-42 | 1/8"  | 30098      | 31106      |
| 1/8" x 5/8"  | SM-43 | 1/8"  | 30099      | 31107      |
| 1/4" x 1/2"  | SM-51 | 1/4"  | 30100      | 31108      |
| 1/4" x 1/2"  | SM-1  | 1/4"  | 30101      | 31109      |
| 1/4" x 3/4"  | SM-2  | 1/4"  | 30102      | 31110      |
| 1/4" x 1"    | SM-3  | 1/4"  | 30103      | 31111      |
| 3/8" x 5/8"  | SM-4  | 1/4"  | 30104      | 31112      |
| 1/2" x 7/8"  | SM-5  | 1/4"  | 30105      | 31113      |
| 5/8" x 1"    | SM-6  | 1/4"  | 30106      | 31114      |

## N-Series | Inverted Cone

| Dimensions  | Type  | Shank | Part #     |            |
|-------------|-------|-------|------------|------------|
|             |       |       | Single Cut | Double Cut |
| 1/8" x 1/4" | SN-42 | 1/8"  | 30107      | 31115      |
| 1/4" x 1/4" | SN-1  | 1/4"  | 30108      | 31116      |
| 1/2" x 1/2" | SN-4  | 1/4"  | 30109      | 31117      |

\*TiN and AlTiN coated burs available. Coating Colors are subject to change without prior notice.

## Long Series

## A- Series

| TOP LINE | Dimensions  | Type    | Shank | Part # |
|----------|-------------|---------|-------|--------|
|          | Double Cut  |         |       |        |
|          | 1/8" x 1/2" | SA-43L3 | 1/4"  | 31001  |
|          | 1/4" x 3/4" | SA-1L6  | 1/4"  | 31010  |
|          | 3/8" x 3/4" | SA-3L6  | 1/4"  | 31011  |
|          | 1/2" x 1"   | SA-5L6  | 1/4"  | 31012  |

## B- Series

| Dimensions  | Type   | Shank | Part # |
|-------------|--------|-------|--------|
| Double Cut  |        |       |        |
| 1/4" x 3/4" | SB-1L6 | 1/4"  | 31023  |
| 3/8" x 3/4" | SB-3L6 | 1/4"  | 31024  |
| 1/2" x 1"   | SB-5L6 | 1/4"  | 31025  |

## C- Series

| TOP LINE | Dimensions  | Type   | Shank | Part # |
|----------|-------------|--------|-------|--------|
|          | Double Cut  |        |       |        |
|          | 1/4" x 3/4" | SC-1L6 | 1/4"  | 31037  |
|          | 3/8" x 3/4" | SC-3L6 | 1/4"  | 31038  |
|          | 1/2" x 1"   | SC-5L6 | 1/4"  | 31039  |

## D- Series

| Dimensions  | Type   | Shank | Part # |
|-------------|--------|-------|--------|
| Double Cut  |        |       |        |
| 3/8" x 3/8" | SD-3L6 | 1/4"  | 31050  |
| 1/2" x 1/2" | SD-5L6 | 1/4"  | 31051  |

## F- Series

| TOP LINE | Dimensions  | Type   | Shank | Part # |
|----------|-------------|--------|-------|--------|
|          | Double Cut  |        |       |        |
|          | 3/8" x 3/4" | SF-3L6 | 1/4"  | 31067  |
|          | 1/2" x 1"   | SF-5L6 | 1/4"  | 31068  |

## G- Series

| Dimensions  | Type   | Shank | Part # |
|-------------|--------|-------|--------|
| Double Cut  |        |       |        |
| 3/8" x 3/4" | SG-3L6 | 1/4"  | 31077  |
| 1/2" x 1"   | SG-5L6 | 1/4"  | 31078  |

## L- Series

| TOP LINE | Dimensions     | Type   | Shank | Part # |
|----------|----------------|--------|-------|--------|
|          | Double Cut     |        |       |        |
|          | 3/8" x 1"      | SL-3L6 | 1/4"  | 31102  |
|          | 1/2" x 1-3/16" | SL-4L6 | 1/4"  | 31103  |
|          | 5/8" x 1-1/4"  | SL-5L6 | 1/4"  | 31104  |

## Flexi-Burs

\*All 3/8" and 1/2" diameter burs available with flexible shanks (8" - 18") Please call Customer Service for price, availability, and part numbers.

## Extra Long-Burs

\*All 1/2" and 5/8" diameter burs available with solid shanks up to 24". Please call Customer Service for price, availability, and part numbers.



\*TiN and AlTiN coated burs available. Coating Colors are subject to change without prior notice.

## 4 Piece Alu Cut- 1/4" Shank 35000

**TOP LINE**

| Dimensions  | Type    | Style          | Part # |
|-------------|---------|----------------|--------|
| 1/2" x 1"   | SA-5 NF | Cylinder       | 32002  |
| 1/2" x 1"   | SC-5 NF | BN Cylinder    | 32010  |
| 1/2" x 1/2" | SD-5 NF | Ball           | 32014  |
| 1/2" x 1"   | SF-5 NF | Ball Nose Tree | 32017  |



## 8 Piece Double Cut- 1/4" Shank 35100

**TOP LINE**

| Dimensions    | Type    | Style          | Part # |
|---------------|---------|----------------|--------|
| 1/2" x 1"     | SA-5 DC | Cylinder       | 31006  |
| 3/8" x 3/4"   | SC-3 DC | BN Cylinder    | 31032  |
| 1/2" x 1"     | SC-5 DC | BN Cylinder    | 31034  |
| 3/8" x 3/4"   | SF-3 DC | Ball Nose Tree | 31062  |
| 1/2" x 1"     | SF-5 DC | Ball Nose Tree | 31064  |
| 1/2" x 1-1/4" | SL-4 DC | Ball Nose Cone | 31099  |
| 1/2" x 1/2"   | SD-5 DC | Ball           | 31046  |
| 3/8" x 3/4"   | SG-3 DC | Tree           | 31073  |



# Annular Cutters

## Cobalt M35

| TOP LINE | Dimensions | 1" DOC | 2" DOC |
|----------|------------|--------|--------|
|          | 7/16"      | 36100  | 36142  |
| 1/2"     | 36101      | 36143  |        |
| 9/16"    | 36102      | 36144  |        |
| 5/8"     | 36103      | 36145  |        |
| 11/16"   | 36104      | 36146  |        |
| 3/4"     | 36105      | 36147  |        |
| 13/16"   | 36106      | 36148  |        |
| 7/8"     | 36107      | 36149  |        |
| 15/16"   | 36108      | 36150  |        |
| 1"       | 36109      | 36151  |        |
| 1.1/16"  | 36110      | 36152  |        |
| 1.1/8"   | 36111      | 36153  |        |
| 1.3/16"  | 36112      | 36154  |        |
| 1.1/4"   | 36113      | 36155  |        |
| 1.5/16"  | 36114      | 36156  |        |
| 1.3/8"   | 36115      | 36157  |        |
| 1.7/16"  | 36116      | 36158  |        |
| 1.1/2"   | 36117      | 36159  |        |
| 1.9/16"  | 36118      | 36160  |        |
| 1.5/8"   | 36119      | 36161  |        |
| 1.11/16" | 36120      | 36162  |        |
| 1.3/4"   | 36121      | 36163  |        |
| 1.13/16" | 36122      | 36164  |        |
| 1.7/8"   | 36123      | 36165  |        |
| 1.15/16" | 36124      | 36166  |        |
| 2"       | 36125      | 36167  |        |
| 2.1/16"  | 36126      | 36168  |        |
| 2.1/8"   | 36127      | 36169  |        |
| 2.3/16"  | 36128      | 36170  |        |
| 2.1/4"   | 36129      | 36171  |        |
| 2.5/16"  | 36130      | 36172  |        |
| 2.3/8"   | 36131      | 36173  |        |
| 2.7/16"  | 36132      | 36174  |        |
| 2.1/2"   | 36133      | 36175  |        |
| 2.9/16"  | 36134      | 36176  |        |
| 2.5/8"   | 36135      | 36177  |        |
| 2.11/16" | 36136      | 36178  |        |
| 2.3/4"   | 36137      | 36179  |        |
| 2.13/16" | 36138      | 36180  |        |
| 2.7/8"   | 36139      | 36181  |        |
| 2.15/16" | 36140      | 36182  |        |
| 3"       | 36141      | 36183  |        |

Our Cobalt Cutters offer a longer life and better performance. They are available in 1", 2" and 3". All standard cutters come with a shank size of 3/4"



## High Speed Steel M2

| TOP LINE | Dimensions | 1" DOC | 2" DOC |
|----------|------------|--------|--------|
|          | 7/16"      | 36000  | 36026  |
| 1/2"     | 36001      | 36027  |        |
| 9/16"    | 36002      | 36028  |        |
| 5/8"     | 36003      | 36029  |        |
| 11/16"   | 36004      | 36030  |        |
| 3/4"     | 36005      | 36031  |        |
| 13/16"   | 36006      | 36032  |        |
| 7/8"     | 36007      | 36033  |        |
| 15/16"   | 36008      | 36036  |        |
| 1"       | 36009      | 36037  |        |
| 1.1/16"  | 36010      | 36038  |        |
| 1.1/8"   | 36011      | 36039  |        |
| 1.3/16"  | 36012      | 36040  |        |
| 1.1/4"   | 36013      | 36041  |        |
| 1.5/16"  | 36014      | 36042  |        |
| 1.3/8"   | 36015      | 36043  |        |
| 1.7/16"  | 36012      | 36044  |        |
| 1.1/2"   | 36016      | 36045  |        |
| 1.9/16"  | 36017      | 36046  |        |
| 1.5/8"   | 36018      | 36047  |        |
| 1.11/16" | 36019      | 36048  |        |
| 1.3/4"   | 36020      | 36049  |        |
| 1.13/16" | 36021      | 36050  |        |
| 1.7/8"   | 36022      | 36051  |        |
| 1.15/16" | 36023      | 36052  |        |
| 2"       | 36024      | 36053  |        |

Our High Speed Steel Cutters are designed to fit our magnetic base drills, but also fit in other tools (lathes, pillar drills, and machining center). Offers a long life and excellent performance



# Magnetic Base Drills

## EQ35N



Cutter Capacity: 12-35mm  
 Chuck Capacity: 1/2"  
 No Load Speed: 750 rpm  
 Weight: 11.5 kg  
 Dimensions: L280mm  
                   H390mm  
                   W150mm  
 Part Number 36503

## EQ50



Cutter Capacity: 12-50mm  
 Chuck Capacity: 5/8"  
 No Load Speed: 280/500 rpm  
 Weight: 18.5 kg  
 Dimensions: L290mm  
                   H458mm  
                   W105mm  
 Part Number 36504

## EQ100



Cutter Capacity: 12-100mm  
 Twist Drill Capacity: 32mm  
 Chuck Capacity: 3/4"  
 No Load Speed: 40/130 145/430 rpm  
 Weight: 26 kg  
 Dimensions: L375mm  
                   H505mm  
                   W130mm  
 Part Number 36502

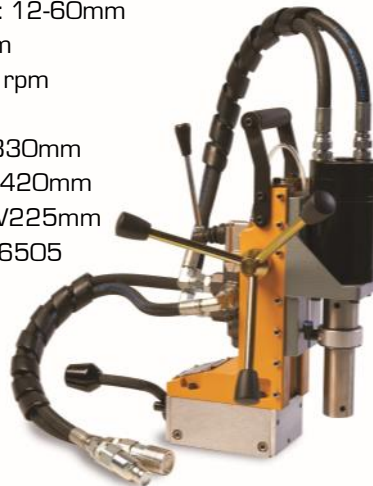
## Airbor



Cutter Capacity: 12-50mm  
 Chuck Capacity: 13mm  
 No Load Speed: 400rpm  
 Weight: 13 kg  
 Dimensions: L260mm  
                   H500mm  
                   W300mm  
 Part Number 36500

## Hydraulic

Cutter Capacity: 12-60mm  
 Stroke: 160mm  
 Speed: 50-400 rpm  
 Weight: 21 kg  
 Dimensions: L330mm  
                   H420mm  
                   W225mm  
 Part Number 36505



# CONDITIONS OF SALES

**ORDERING:** All items should be ordered by part number and placed through your local Rhodius distributor, they stock many of our products for your convenience. Call us for the one nearest you.

**MINIMUM ORDER:** Each order must be \$50.00 Net Per Invoice to a single destination. Each item must be ordered in a full “Standard package.”

**PRICING:** Prices listed in this catalog are consumer list prices and subject to change without notice, although every effort will be made to announce any changes 30 days in advance. Stenographical and clerical errors, should they occur, are subject to correction. All agreements, which include sales, are contingent upon strikes, fires, accidents, delays and nature or other causes unavoidable beyond our control.

**TERMS OF PAYMENT:** Terms are net 30 days. All invoices over 60 days will be considered delinquent, and all in-house orders will be placed on hold until balance of the account is brought below 40 days. Any account placed for collection will receive a finance charge of 1-1/2% per month (18% per year) to balances over 30 days, plus attorney fees and cost. To establish an open account, your firm must supply three industrial and one bank reference.

**FREIGHT:** For Distributor orders to be shipped within the continental U.S. of a value of \$750 net per invoice or more, Sundisc Abrasives will prepay freight charges one time for delivery customer, all partial shipments will be charges and added to invoice. For all shipments of a values less the \$750 net, the cost of freight will be added to distributor’s invoice. Each release from a blanket order must total \$750 net or more to receive prepaid freight. Export shipments will be shipped freight collect. A separate charge may be made for customer’s special routing instructions. All orders are sold in Missouri and title passes to the buyer when your order leaves Sundisc Abrasives’ warehouse. The buyer is solely responsible for their shipment. By placing an order, you authorize us to act on your behalf to engage a common carrier to deliver your order to you. Freight will be charged for all sample requests.

**ADD-ON POLICY:** Due to the speed of our order entry, manufacturing process and rapid shipment of goods, we find it detrimental to our service to accept additions to existing orders.

**QUANTITY VARIANCE:** due to the nature of manufacturing, Sundisc Abrasives reserves the right to overship or undership the quantity ordered by 10%

**RETURNED GOOD POLICY:** We will not accept return of merchandise without our ‘RETURN AUTHORIZATION NUMBER’ clearly marked on all the boxes. When a R/A number is issued by our Customer Service Department they will fax all information to you. The merchandise must be returned to Sundisc Abrasives within 30 days from the date the R/A number was issued. After 30 days R/A numbers a automatically cancelled in house and the request will become null and void. All credits must be taken within six months or they will be disallowed. Sundisc Abrasives reserves the right to accept returns in quantities relative to our established stocking level. Freight is to be prepaid and a \$15.00 or 15% (whichever is greater) restocking and handling charge will applied unless Sundisc Abrasives is at fault. Many of our items fall into a “non-stock” or “special order” category, items in this group are not returnable. In any case no merchandise may be returned after six months from the date of shipment from our factory. All claims of shortage must be made within 10 days after receipt of goods.

**LIMITED WARRANTY:** Sundisc Abrasives USA and Rhodius Schleifwerkzeuge GmbH & Co. KG. warrants that its products shall be free from defects in material and workmanship under normal and ordinary usage when owned by original purchaser for a period of six months from the date such products are shipped from Sundisc Abrasives' warehouse. Any claim for breach of Warranty must be brought within 30 days after the customer’s receipt of the product and customer must cease use of the product pending Sundisc Abrasives' substantiation of any warranty claim. In the event a product defect shall occur, Sundisc Abrasives shall, at its option, repair or replace the defective product(s) or, upon return of such product(s), cancel the transaction and refund to customer any amount previously paid therefore.

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Coated, bonded, and non-woven abrasives are dangerous if used improperly. Please comply with all safety regulations set by the AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z87.1 also by OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA); covering eye, face, and body protection, wheel and disc speeds, safety guards, flanges, mounting and operating procedures.



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