DEDEC® SUNBURST®
RADIAL DISCS
From BORIDE Engineered Abrasives

DEBurr • CLEAN • FINISH • POLISH
METALS • PLASTICS • WOODS • CERAMICS

Made in the USA

BORIDE
Engineered Abrasives

ISO 9001:2015
Certificate #0Y631-155
SUPERIOR ABRASIVE TECHNOLOGY

No matter what the material being worked, SUNBURST® Radial Discs are the absolute best for finishing and polishing hard-to-access areas without removing detail or causing flat spots. The sharp, clean, specially treated aluminum oxide abrasive grain imbedded throughout their elastomer binder enable them to work faster and last longer than rubber wheels, brushes, buffs and conventional abrasives. SUNBURST® Radial Discs generate minimal dust and heat and eliminate the need for polishing compound.

RADIAL DISC FEATURES

SUNBURST® Radial Discs are the perfect choice for deburring, finishing, cleaning and polishing metals, plastics, acrylics, ceramics and woods. Available in multiple grits, shapes and sizes and color-coded for easy identification. Use with precision flex-shaft tools and angle, bench and die grinders. SUNBURST® is the preferred choice for CNC machines and robotics where conformability and durability are key.

- **Conformability**: Flexible bristles conform to contours, cracks and corners while working equally well on flat surfaces.
- **Long-Lasting**: Uniformly blended bristles are abrasive filled throughout and guarantee extended wear life and a consistent, uniform finish. Unique thermoplastic binder maintains uniform abrasive property throughout the life of the product making SUNBURSTS® ideal for automated procedures.
- **Cool Running**: Generates minimal dust and heat reducing potential damage or distortion to the work surface.
- **Superior Performance**: Outperforms wire brushes, sandpaper, scouring pads, rubber polishers, buffs, and flap wheels.
- **Modular**: Use a single disc for tight areas like slots and grooves or stack them for larger surface areas. *Stack with Dedeco® logo facing up.*

RECOMMENDED OPERATING SPEEDS

For most applications 3,000-18,000 RPM is recommended (5,000 RPM for woodworking). Lower speeds allow a softer touch, greater flexibility and more subtle results. Higher speeds provide more aggressive material removal. Using the tips of the bristles with light pressure maximizes disc life.
LIMITLESS APPLICATIONS

Industrial
- Instantly removes coatings, corrosion, heavy oxides, rust, paints, stains, adhesives, and imperfections from metal surfaces more effectively with less pressure than wire brushes.
- Perfect for deburring threads, edge blending, surface finishing and polishing.
- Especially effective on aluminum and stainless steel.
- Used by metal fabricators and job shops serving aerospace, auto, marine and general industry.

Jewelry
Precision range is ideal for finishing, smoothing and high-lustre polishing of all precious, semi-precious and non-precious metals without the use of polishing compound.

Woodworking
Superior to sandpaper, flap wheels and other types of sanders, brushes and abrasive wheels for woodcarving and woodworking. The flexible bristles allow detailed finishing and polishing in curved and irregular spaces. Carvers can remove “fuzzies” without harming any of the underlying detail. Use coarser grits for carving and texturing. Use finer grits for smoothing, burnishing and polishing.

PREFERRED ALTERNATIVE TO WIRE & NYLON BRUSHES

SUNBURST® Radial Discs offer improved performance over Wire and Nylon Brushes without threat of injury.
- **Safer:** Danger from high-velocity needle-like flying wire is eliminated.
- **Flexible:** Will not scratch or gouge the underlying surface.
- **Better:** Lasts longer and works faster and more efficiently than wire brushes. Easily achieve a consistent, quality finish with light pressure.
STANDARD RADIAL DISCS

- Sold in packages of 12 pieces
- Mandrels sold separately
- Use a single disc for tight areas like slots & grooves or stack them for larger surface areas
- Stack with the Dedeco® logo facing up
- Other sizes and grits are available upon request

<table>
<thead>
<tr>
<th>COLOR</th>
<th>GRIT/MICRON</th>
<th>5/8” LIST Price 10.95 per pack of 12pcs</th>
<th>7/8” LIST Price 10.95 per pack of 12pcs</th>
<th>1” LIST Price 14.95 per pack of 12pcs</th>
<th>2” LIST Price 23.95 per pack of 12pcs</th>
<th>3” LIST Price 32.95 per pack of 12pcs</th>
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MANDRELS & ADAPTERS

- Sold individually
- Adapters for use with 2”, 3”, 3-Ply & 6-Ply Radial Discs with 3/8” arbor

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<tr>
<th>MANDREL SIZE</th>
<th>ITEM</th>
<th>LIST PRICE</th>
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Recommended Equipment
See an overview of our selection of Air & Electric Grinders on page 7!
LARGE RADIAL DISCS

- SUNBURST® Radial Discs are available up to 8” in diameter
- Custom sizes for unique applications are available by request

POINTS, PINS, BANDS, & BRUSHES

- SUNBURST® Points are available in a variety of shapes and grits 80 - 1 micron
- SUNBURST® Pins are available in 2mm and 3mm sizes and grits 80 - 1 micron
- SUNBURST® Bands are a 1/2” x 1/2” size available in grits 36 - 1 micron
- SUNBURST® Brushes are available in 1”, 2” and 3” sizes and 50, 80 and 120 grit
AIR GRINDERS

MSG-32BSN  65,000 RPM
Straight Pencil Type - 1/8” Collet

MSG-3BSN  65,000 RPM
Straight Pencil Type - 3mm Collet

MAG-121N  1/8 52,500 RPM
120° Angle Grinder - 1/8” Collet

MAG-122N  35,000 RPM
120° Angle Grinder

MAG-123N  23,500 RPM
120° Angle Grinder

MAG-093N  23,500 RPM
90° Angle Grinder

SPM80R-IMP Pencil Die Grinder
80,000 RPM - 1/8” Collet

ELECTRIC GRINDERS

NSK Ultra Precision Equipment
Electric and pneumatic options

Foredom Portable Micromotor
30,000 RPM - 1/8” Collet

Grande BLH 600 Micromotor Grinder
50,000 RPM - 1/8” Collet