

# DEDECO® SUNBURST® RADIAL DISCS

From BORIDE Engineered Abrasives

QUALITY.

INNOVATION.


SERVICE.



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



Made in the USA

 **BORIDE**  
Engineered Abrasives

 **ISO 9001:2015**  
Certificate #0Y631-1S5

# 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.

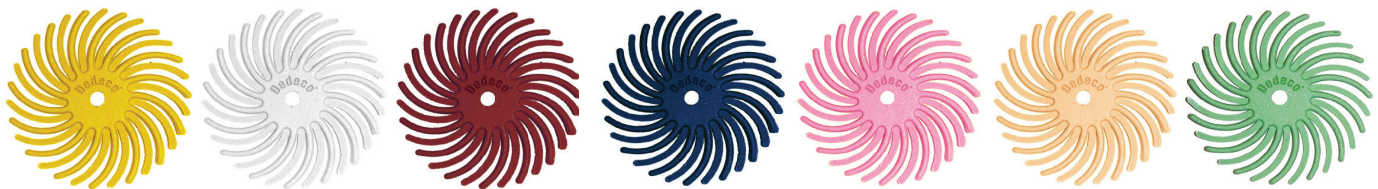
	Ultra-Coarse 36 Grit		Extra-Coarse 50 Grit
	Coarse 80 Grit		Medium 120 Grit
	Standard 220 Grit		Fine 400 Grit
	Fine 600 Grit		Extra-Fine 6 Micron

## 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. SUNBURSTS® are 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.*

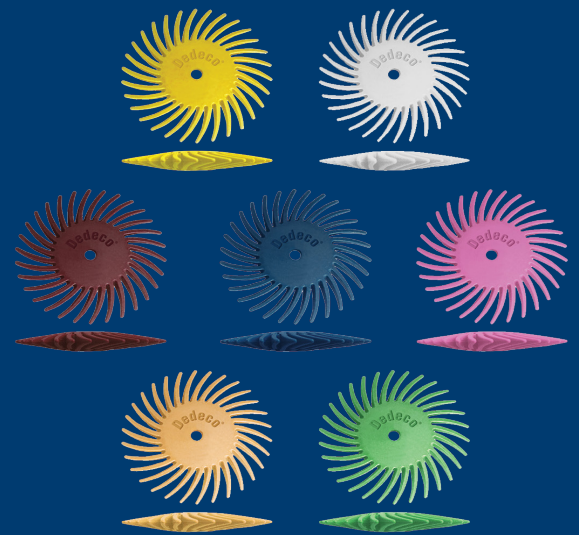


## RECOMMENDED OPERATING SPEEDS

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.



**Wear Eye  
Protection**



Ultra-Fine  
1 Micron

## 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

COLOR	GRIT/MICRON	5/8"	7/8"	1"	2"	3"
		LIST Price 10.95 per pack of 12pcs	LIST Price 10.95 per pack of 12pcs	LIST Price 14.95 per pack of 12pcs	LIST Price 23.95 per pack of 12pcs	LIST Price 32.95 per pack of 12pcs
Brown	36 Grit	--	--	203522	--	--
Dark Green	50 Grit	--	--	203523	--	--
Yellow	80 Grit	203501	203508	203524	203528	203546
White	120 Grit	203502	203509	203525	203529	203547
Red	220 Grit	203503	203510	203526	203530	203548
Blue	400 Grit	203504	203511	203527	203531	203549
Pink	600 Grit	203505	203512	--	--	--
Peach	6 Micron	203506	203513	--	203532	203550
Light Green	1 Micron	203507	203514	--	203533	203551

## MANDRELS & ADAPTERS

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

MANDREL SIZE	ITEM	LIST PRICE	SUNBURST® USED WITH
1/8" x 1/16"	203605	5.60	5/8" and 7/8"
1/8" x 1/8"	203602	12.95	1"
1/4" x 1/16"	203603	18.95	5/8" and 7/8"
1/4" x 1/8"	203604	18.95	1"
1/4" x 1/4"	203606	10.25	2", 3", 3-Ply and 6-Ply
1/4" x 3/8"	203607	16.95	2" and 3" Standard

ADAPTER	ITEM	LIST PRICE
Right Hand	203600	2.95
Left Hand	203601	2.95







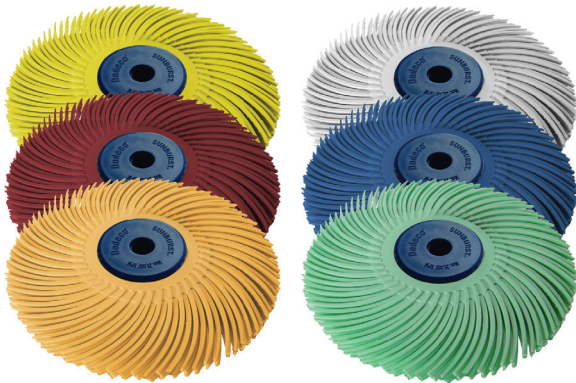
## 3-PLY & 6-PLY RADIAL DISCS

- Sold individually
- Mandrels sold separately (see page 4 for mandrel options)
- Other sizes and grits are available upon request

3-PLY			
COLOR	GRIT/ MICRON	2" LIST Price 8.95 ea	3" LIST Price 10.95 ea
Yellow	80 Grit	203534	203552
White	120 Grit	203535	203553
Red	220 Grit	203536	203554
Blue	400 Grit	203537	203555
Peach	6 Micron	203538	203556
Light Green	1 Micron	203539	203557

6-PLY			
COLOR	GRIT/ MICRON	2" LIST Price 13.95 ea	3" LIST Price 17.95 ea
Yellow	80 Grit	203540	203558
White	120 Grit	203541	203559
Red	220 Grit	203542	203560
Blue	400 Grit	203543	203561
Peach	6 Micron	203544	203562
Light Green	1 Micron	203545	203563

3-Ply Radial Discs



4-Ply Radial Discs



## 4-PLY RADIAL DISCS

- Sold in packages of 6 pieces
- Comes mounted on a mandrel with 3/32" shank
- Other sizes and grits are available upon request

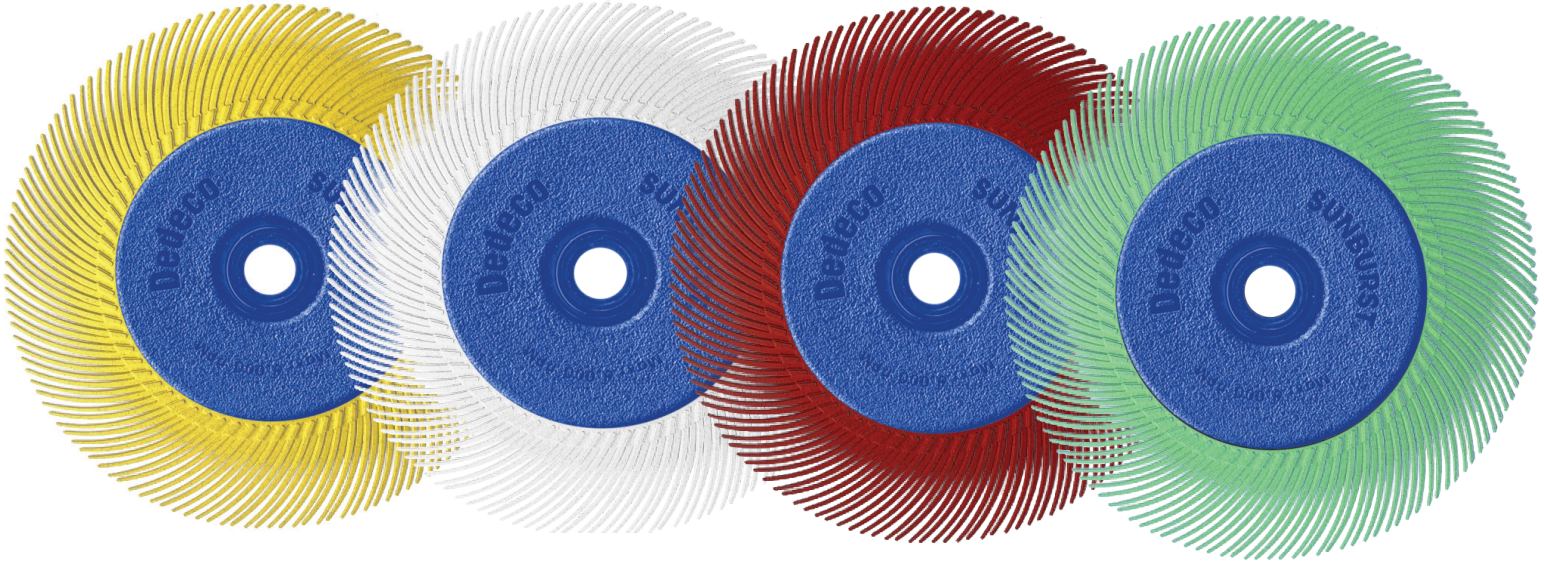
4-PLY MANDREL MOUNTED		
COLOR	GRIT/ MICRON	7/8" LIST Price 49.95 per pack of 6pcs
Yellow	80 Grit	203515
White	120 Grit	203516
Red	220 Grit	203517
Blue	400 Grit	203518
Pink	600 Grit	203519
Peach	6 Micron	203520
Light Green	1 Micron	203521

## Recommended Equipment

See an overview of our selection of Air & Electric Grinders on page 7!

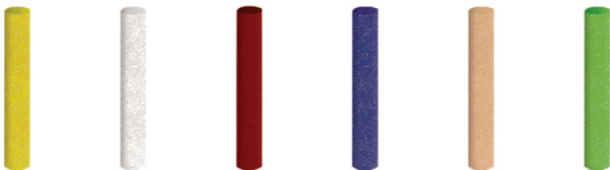
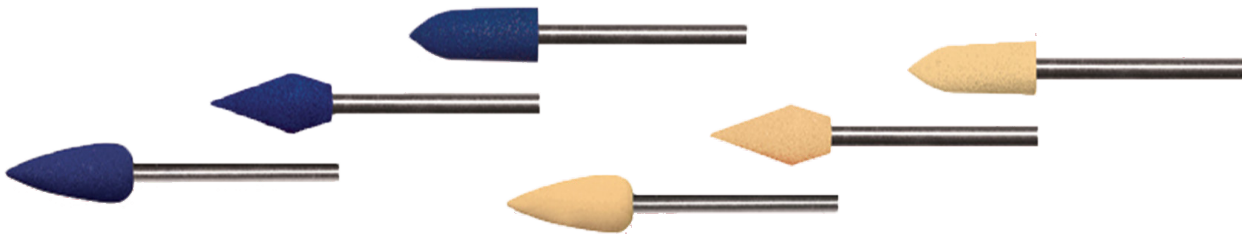
## LARGE RADIAL DISCS

- 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

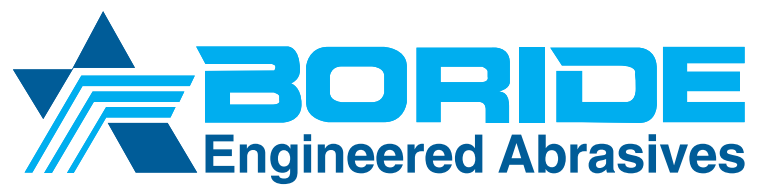


Foredom Portable Micromotor  
30,000 RPM - 1/8" Collet



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





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