



In partnership with  SAINT-GOBAIN

A graphic consisting of several curved lines in various colors (yellow, orange, green, pink, blue, brown) radiating from a central point, resembling a sunburst.

SUNBURST®

Abrasive Radial Bristle Discs

SAFER • CLEANER • FASTER • BETTER

than

WIRE • NYLON • NON-WOVEN • FLAP WHEELS • RUBBER

on

METALS • PLASTICS • WOODS • CERAMICS

WORLD'S LARGEST SELECTION • LIMITLESS APPLICATIONS



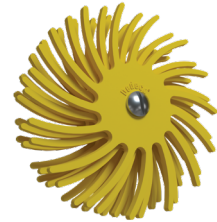
AUTOMOTIVE AFTERMARKET PRODUCTS



Dedeco[®], has been a leading manufacturer of specialty abrasives since 1937. From their inception they have constantly advanced their manufacturing know-how from classic rubberized abrasives, primarily for the dental & jewelry industries to now include their SUNBURST[®] range with unlimited industrial applications.

Dedeco[®] is proud to join with Saint-Gobain in marketing SUNBURST[®] to our distributors in North America. As you'll see, the SUNBURST[®] range includes numerous unique models with sizes ranging from 1/2" through 12".

WHAT IS SUNBURST[®]



Dedeco[®]'s trademark for their range of thermoplastic-bonded abrasives for deburring, finishing, cleaning and polishing metals, plastics, woods, ceramics, acrylics and composites.



Introductory Video



snbr.st/hi

Grits

Aluminum Oxide
Silicon Carbide
Pumice
Diamond
Plastic

Shapes

Discs
Brushes
Points/Pins
Bands
SR Cutters

Sizes

2mm
↑
↓
12"

Works with MOTO-TOOL[®] and Dremel-type handheld rotary tools, bench and pedestal grinders as well as CNC and automated manufacturing machines - where consistency and durability are valued.

Available individually and in handy assortments.

LIMITLESS APPLICATIONS



Industrial - Deburr, clean, finish and polish across grit sizes ranging from 36 to 2000. From heavy removal to blending and mirror-like polishing, in manufacturing and maintenance operations, SUNBURST® covers virtually all applications.



Medical - Our unique silicon carbide range is the preferred choice to avoid contamination in manufacturing medical instruments.



Woodworking - Superior to sandpaper, flap wheels and other types of sanders, brushes and abrasive wheels. Ideal for cleaning detailed areas and texturing for woodcarvers & woodworkers.



Automated Manufacturing - From deburring of turbine engine components to polishing airfoils after milling, using SUNBURST® on robotic finishing systems for the aerospace and power generation industries reduces or eliminates manual labor, lowers unit costs and achieves new levels of consistency.

Industries

- 3D Print Postprocessing
- Aerospace
- Automated Manufacturing
- Automotive Aftermarket
- Beauty
- Castings / Forgings
- Coin Polishing
- Construction Equipment
- Custom Fabrication
- Electronics
- Energy
- Engine Rebuild
- Facility Maintenance
- Firearms / Gunsmithing
- Hardware
- Hobbyists
- Knives / Blades
- Locksmiths
- Machine Shops
- Maker
- Marine
- Medical Instruments
- Metal Fabrication
- Mold Making
- MRO
- Musical Instruments
- Plumbing Fixtures
- Research & Development
- Robotics
- Shipbuilding / Repair
- Tool & Die
- Welding
- Woodworking

Applications

- Cleans & Removes:
 - Mill Scale / Corrosion
 - Weld Discoloration
 - Burn Marks
 - Coatings
 - Firescale
 - Oxidation
 - Rust
 - Grinding Marks
 - Sealant
- Industrial Finishing & Deburring
- Paint Preparation
- Polishing
- Texturing
- Wood - Sanding, Defuzzing & Denibbing

HELLO, RADIAL DISCS GOODBYE, WIRE BRUSHES

SUNBURST® radial bristle discs and brushes are the preferred alternative to wire, nylon and non-woven abrasives. Experience improved performance without threat of injury.

- **Safer** - Danger from high-velocity needle-like flying wire is eliminated.
- **Gentle** - Will not scratch or gouge the underlying surface.
- **Better** - Works faster and more efficiently than wire brushes. Easily achieve a consistent, quality finish with light pressure. Non-loading.
- **Sterilizable** - Essential benefit where health concerns are paramount.
- **Cool Running** - Open structure generates minimal heat reducing potential damage or distortion to the work surface.
- **Dust Free** - Durable, dust-free alternative to non-woven abrasives.





- **Long-lasting** - Uniformly blended bristles guarantee extended wear life and a consistent, uniform finish.
- **Operating Speeds** - 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.
- **Conformability** - Flexible bristles conform to contours, cracks and corners while working equally well on flat surfaces.
- **Modular** - Use a single disc for tight areas like slots and grooves. For larger surface areas stack them as high & wide as your imagination, machinery and equipment will permit. (See chart, next page).



Abrasive-filled throughout



COMPARE TO TRADITIONAL ALTERNATIVES

	CONFORMABILITY	DURABILITY	CONSISTENCY	SAFETY CLEANLINESS	PERFORMANCE	OVERALL
 WIRE	Minimal conformability; heavy pressure required	Long lasting but loses shape quickly	Inconsistent - finish varies from part to part	Ejects high velocity, needle-like wires (messy and dangerous)	Unreliable - inconsistent material removal	OK
 NYLON	Moderately conformable	Short life	Inconsistent - performance drops off quickly	Used fiber debris may plug dust collectors (hard to clean up)	Good finish and cut. Short life.	Good
 NON-WOVEN	Very conformable	Short life	Consistent finish	Used fiber debris may plug dust collectors (hard to clean up)	Good finish, low cut performance, short life	Better
 SUNBURST	Very conformable; Minimal pressure required; Operator preferred	Long lasting - uniform performance throughout product life	Consistent finish - uniformly blended bristles assure quality finish	Safe, clean & easy to use	Good finish, consistent material removal, long life	Best

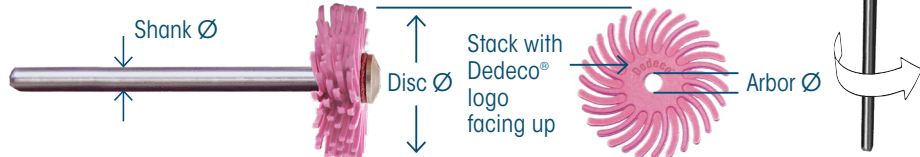
MANDREL/ADAPTER GUIDE

Stack individual discs to customize the thickness you need

SUNBURST® DISCS		MANDREL/ADAPTER (see page 37)		
DISC Ø	ARBOR Ø	ITEM	SHANK Ø	MAX DISCS
5/8" / 15.8mm	1/16"	79281831347	3mm	5
		79281835425	3/32"	6
		79281830261	1/8"	4
		79281831364	1/4"	12
7/8" / 22.2mm	1/16"	79281831347	3mm	4
		79281835425	3/32"	5
		79281830261	1/8"	3
		79281831364	1/4"	10
1" / 25.4mm	1/8"	79281831360	3/32"	3
		79281831363	1/8"	6
		79281831348	6mm	4
		79281831365	1/4"	10
2" / 50.8mm	3/8"	79281831349	6mm	16
		79281831366	1/4"	
3" / 76.2mm	3/8"	79281831349	6mm	TC 15
			TA 12	
		79281831366	1/4"	TC 15 TA 12
4" / 101.6mm	3/8"	79281831349	6mm	15
		79281831366	1/4"	
2" / 50.8mm 3" / 76.2mm 4" / 101.6mm	3/8"	79281831361	Left Spindle Adapter	12
		79281831362	Right Spindle Adapter	
6" / 152.4mm	2"	79281831837	Spindle Adapter	TC 6
				TA 6

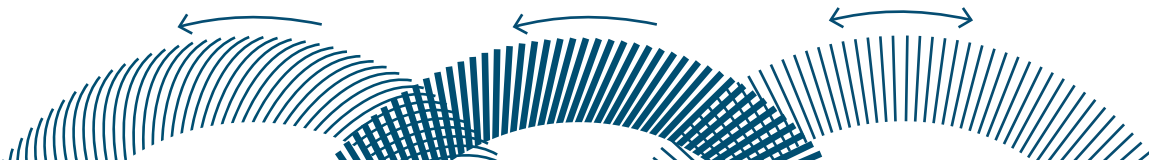


How to Assemble Video
snbr.st/stack



BRISTLE DISC GUIDE

TC and TA must rotate with the radius of the bristles



TC - Curved, thinner bristles for greater conformability than **TA** and **TS**.

TA - Angled, thicker bristles for greater aggressiveness but less conformability than **TC**.

TS - Straight bristles for aggressive bidirectional cleaning and deburring.

COLOR-CODE & APPLICATIONS



	Remove		Smooth		Finish		Polish		
Aluminum Oxide	36	50	80	120	220	400	6μ	1μ	Metal, Wood, Plastic
Pumice							600		Remove stains on hard surfaces
Diamond							400	1μ	Metals & Composites
Silicon Carbide	90	240		400		1000		Metals - Medical, Aero, Food Grade	

6μ ≈ 800 Grit | 1μ ≈ 2000 Grit


OPERATORS' TOOL GUIDE

MODEL	MANUALLY OPERATED GRINDERS				AUTOMATED MACHINES
	Pencil*	Die	Bench/Pedestal	Angle	Custom/Robot/CNC
Pins	X				X
Points	X				X
Bands	X				X
Discs < 1"	X				X
Discs 2", 3", 4"		X	X	X	X
Discs 6", 7-5/8", 8"		X	X	X	X
Discs 10", 12"					X
E-Z Loc® Brushes				X	X
E-Z Loc® TA Discs		X	X		X

* MOTO-TOOL®, dremel-type rotary tool, micromotor, flex shaft, eFile

GENERAL APPLICATION GUIDELINES

		REMOVE		SMOOTH		FINISH		POLISH				
INDUSTRY		36 (A/O)	50 (A/O)	80 (A/O)	120 (A/O)	220 (A/O)	400 (A/O)	600 (Pumice)	6μ (A/O)	1μ (A/O)		
MANUFACTURING - 3D Print Postprocess - Aerospace - Automation / Robotics - Automotive - Building / Construction - Collision Repair - Electronics - Engine Rebuild - Firearms / Gunsmith - Maintenance / MRO - Medical Instruments - Metal Fabrication - Shipbuilding - Tool & Die / Mold - Welding	Excellent on aluminum, steel, iron and non-ferrous metals like copper & brass. 3D - Deflash plastic & metal parts. Aerospace & Electronics - light deburring on aluminum & copper parts. Automotive - surface conditioning and gasket removal. Tire adhesive removal. Welding - clean seams, discoloration and splatter.	CLEANING & SURFACE CONTAMINANT REMOVAL						PRE-POLISH	POLISH	HIGH POLISH		
		AGGRESSIVE	HEAVY DUTY	STANDARD	LIGHT DUTY							
		Adhesives / Glues • Rust • Coatings Sealant • Corrosion • Stains • Oxidation Varnish • Paint • Weld Burns										
		LIGHT GRIND/REDUCE	BLEND					TEXTURE				
								BRUSHED FINISH	FINE BRUSHED FINISH			
		DEBURR										
		AGGRESSIVE	HEAVY DUTY	LIGHT DUTY								
		MILL SCALE REMOVAL										
								HEAVY DUTY	LIGHT DUTY			
		Aluminum • Steel • Non-Ferrous										
		WELD CLEAN & PREP										
		AGGRESSIVE	HEAVY DUTY	STANDARD	LIGHT DUTY							
		Clean	Clean/Prep		Prep							
		SURFACE ROUGHNESS VALUE (Ra μinch / μm)	ALUMINUM 6061	Ra 122 / 3	Ra 99 / 2.5	Ra 85 / 2.1	Ra 54 / 1.4	Ra 20 / .5	Ra 8 / .2			
			STAINLESS STEEL 303	Ra 41 / 1	Ra 34 / .85	Ra 28 / .7	Ra 20 / .5	Ra 9 / .2	Ra 5 / .1			



YOUTUBE

LEARN AND GET INSPIRED WITH OUR VIDEOS AND CURATED PLAYLISTS.
[SNBR.ST/YT](#)

E-Z Loc® 2" & 3" BRUSHES



Designed for safer thick coating removal than traditional wire brushes, nylon brushes and surface conditioning discs. Achieve a consistent finish with light pressure without damaging the workpiece.



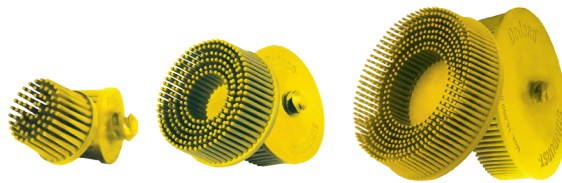
Quick release standard TR attachment enables fast and easy brush change.



ITEM	DESCRIPTION	DIA	QTY
79281831860	Ultra-Coarse 36 Grit	1"	10
79281831861		2"	10
79281831862		3"	10



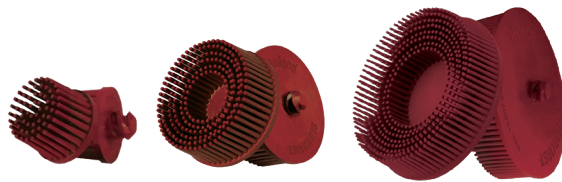
ITEM	DESCRIPTION	DIA	QTY
79281831863	Extra-Coarse 50 Grit	1"	10
79281831866		2"	10
79281831869		3"	10



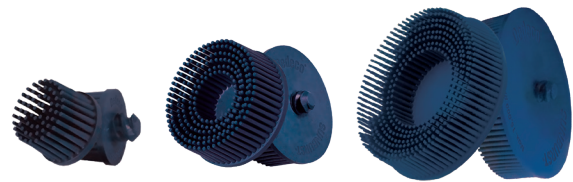
ITEM	DESCRIPTION	DIA	QTY
79281831864	Coarse 80 Grit	1"	10
79281831867		2"	10
79281831870		3"	10



ITEM	DESCRIPTION	DIA	QTY
79281831865	Medium 120 Grit	1"	10
79281831868		2"	10
79281831871		3"	10



ITEM	DESCRIPTION	DIA	QTY
79281831791	Standard 220 Grit	1"	10
79281831793		2"	10
79281831795		3"	10



ITEM	DESCRIPTION	DIA	QTY
79281831792	Fine 400 Grit	1"	10
79281831794		2"	10
79281831796		3"	10

E-Z Loc® brush bristle trim: 1" 5/8"; 2" & 3" 5/8" tapered

REMOVE

SMOOTH

FINISH

POLISH

E-Z Loc® BRUSHES



Quick release standard TR attachment enables fast and easy brush change



Safe & Efficient

GENERAL GUIDELINES FOR E-Z LOC® BRUSHES & TA DISCS						
		36 (A/O)	50 (A/O)	80 (A/O)	120 (A/O)	
METAL	IRON					
			STEEL			
			ALUMINUM			
			NON-FERROUS			
TASK	CLEANING & SURFACE CONTAMINANT REMOVAL					
	AGGRESSIVE	HEAVY DUTY	STANDARD	LIGHT DUTY		
	Adhesives • Coatings • Corrosion • Glue • Oxidation • Paint • Rust Sealant • Stains • Varnish • Weld Burns • Weld Discoloration					
	MILL SCALE REMOVAL					
		HEAVY DUTY		LIGHT DUTY		
		Aluminum • Steel • Non-Ferrous				
COMMON USE CASES	Welding - Clean and prep surface - Removal of weld burn, splatter and discoloration			Auto Repair/Restoration - Surface conditioning, blend out scratches and defects - Gasket removal - Tire adhesive removal		



QUICK CHANGE



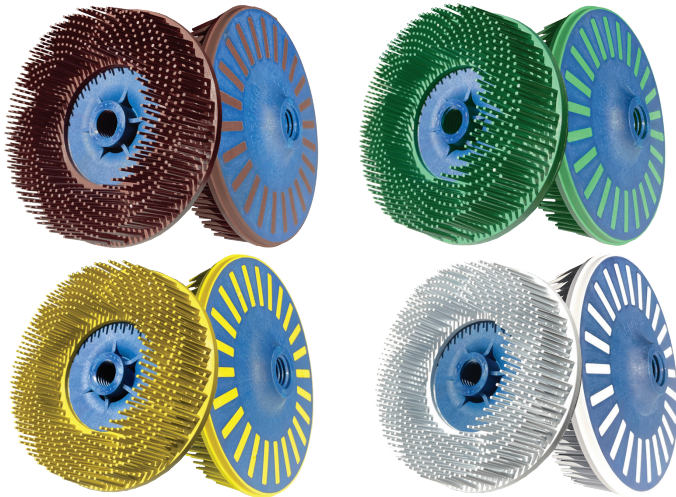
Use on right angle grinders



SPIN UP - FAN OUT

E-Z Loc® 4½" BRUSHES

The preferred choice for removing paint, stains, adhesives, weld burns, rust, heavy oxides and surface contaminants from large areas quickly with minimal pressure.
5/8" - 11 thread.



ITEM	DESCRIPTION	QTY
79281831849	Ultra-Coarse 36 Grit	5
79281831850	Extra-Coarse 50 Grit	5
79281831851	Coarse 80 Grit	5
79281831852	Medium 120 Grit	5

E-Z Loc® ACCESSORIES

Sets include 1/4" & 6mm mandrels



1" BACK-UP PAD SET

79281834017



2" BACK-UP PAD SET

79281834018



3" BACK-UP PAD SET

79281834019

Fast screw on/off for maximum efficiency. No tools required.
E-Z Loc® brushes are compatible with Norton® Speed Lok® TR attachments.




SUNBURST®



Products distributed by Saint-Gobain Abrasives.

To order, please contact Saint-Gobain Abrasives.

1-800-551-4413

NAcustomerservice@saint-gobain.com

Questions about the products, please contact Dedeco: service@dedeco.com.

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Send us your  **SUNBURST**® videos

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Proud supporter of S.T.E.A.M. programs and trade schools.

WARNING!

Exceeding maximum operating speed can cause product to break apart and may cause injury.

Always wear approved and appropriate eye, face, ear, hand and body protections.