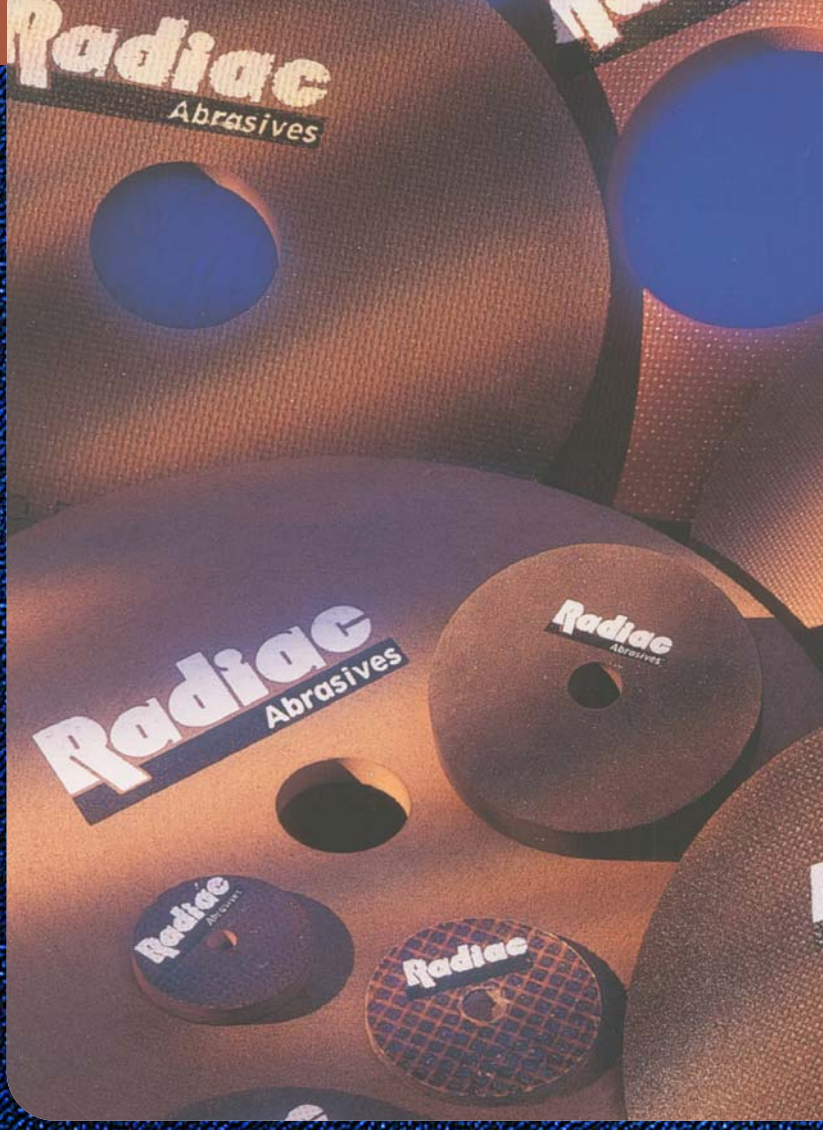
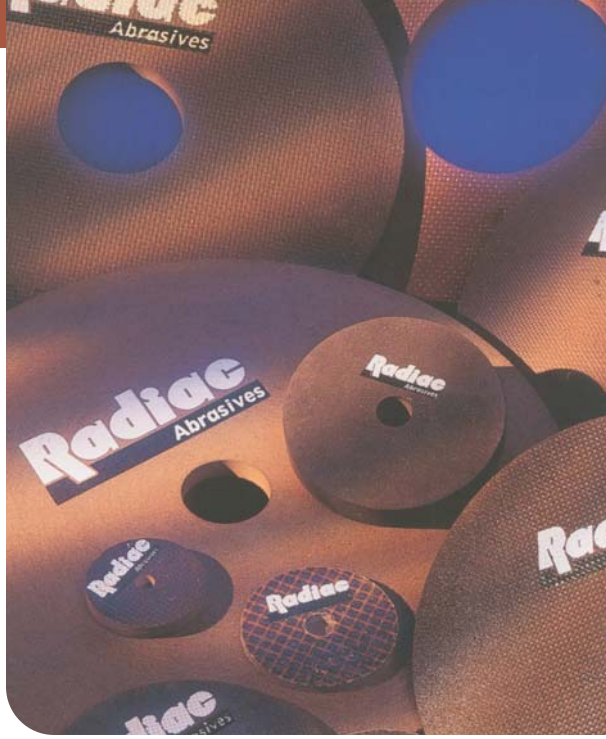
PRECISION MULTI-APPLICATION RUBBER BONDED GRINDING WHEELS



Radiac Abrasives

A NEW GENERATION OF PRECISION MULTI-APPLICATION RUBBER-BONDED GRINDING WHEELS



As one of the world's foremost leaders in abrasives, Radiac has incorporated over 100 years of abrasive manufacturing experience into the new line of Rubber Bonded Multi-purpose grinding wheels. Radiac Abrasives' new generation of rubber bonded wheels provide superior performance, closer tolerances, finer finishes and longer life. More importantly, you'll achieve lower production costs due to our improved product manufacturing in a state-of-the-art facility.

Radiac Abrasives is committed to maintaining customer satisfaction and provides a capable and highly experienced team of Abrasive Specialists to assist you in the correct selection of rubber bonded wheels for your grinding application.

ENGINEERED SOLUTIONS FOR YOUR GRINDING NEEDS

Radiac/National manufactures a complete line of abrasive products and rubber wheels for the grinding wheels market. Headquartered in Salem, Illinois, Radiac Abrasives operates Five state-of-the-art-manufacturing facilities - three in the United States and two in Mexico. The Salem plant has over 300,000 square feet dedicated to the manufacturing and marketing of a full range of quality bonded abrasives.

FULL RANGE OF SIZES, CUSTOM FORMULATED SPECIFICATIONS, AGGRESSIVE PRICE STRUCTURE, WORLD CLASS LEAD TIMES

Radiac Abrasives provides a full range of rubber bonded grinding wheels. All of our wheels are manufactured to the highest quality standards and are custom formulated for your application.

BOND AVAILABILITY

	Bond	Abrasive*	Grit**	Grade
FLEXIBLE	**R70**	A,C	46 thru 240	F thru R
	R75	A,C	46 thru 240	F thru R
	R80	A,C	46 thru 240	F thru R
	R85	A,C,RAA	46 thru 240	F thru R
	R90	A,C	46 thru 240	F thru R
	R95	A,C	46 thru 240	K thru R
	R100	WAA,A,C	46 thru 240	L thru W
FIRM	**R105**	WAA,A,C	46 thru 240	K thru R

* Abrasives
A - Aluminum Oxide (regular)
C - Silicon Carbide (black)
RAA - Aluminum Oxide (pink)
WAA - Aluminum Oxide (white & regular)

** Grit Sizes Available:
46, 60, 80, 100, 120, 150, 180, 240

PRECISION RUBBER APPLICATION GUIDE

Material	Type of Grinding	Starting Specification *Grinding*	*Polishing*
Aerospace Turbine Blades			
Titanium/Nimonics	Bench	A60-M-R95	C80-R-R75
Inconel	Portable	A80-M-R95	C80-R-R75
	Bench	A60-M-R95	A80-R-R75
Steel	Portable	A80-M-R95	A100-N-R75
	Bench	A60-M-R95	C100-R-R75
Stainless	Portable	A80-M-R95	A100-N-R75
	Bench	A60-M-R95	C100-R-R75
Nickel Alloy	Portable	A80-M-R95	A100-N-R75
	Bench	A60-M-R95	A80-L-R75
Tool Room Mfg. & Main.			
Rotary Cutting Tools	Flute		WAA100-W-R100
	Clearing	WAA100-W-R100	
Specialty Drills (Dental, Prosthesis)	Flute	WAA100-P-R105	
Bearing Races	Race	WAA100-P-R105	
Twist Drill	Bench	A46-M-R75	
HSS Drill Bit/End Mill Sharpening	Bench	A240-M-R85	
Carbide Drill Bit Sharpening	Bench	A240-M-R85	
Weld Blending and Deburring			
Braze between carbide tips & holder	Bench	A46-P-R75	
Stainless Steel	Portable	A46-K-R90	A60-Q-R75
	Bench	A46-M-R95	A60-Q-R75
Cutlery and Hand Tools			
Knives (hollow grinder)	Surface		A100-M-R70
Scissors	Surface	RAA120-M-R85	
Knives	Surface	RAA120-M-R85	
Knife Bolsters	Surface	A120-P-R95	
High Carbon Steel (scale removal)	Bench	A46-K-R95	A60-L-R80
Miscellaneous			
Jewelry	Bench	A240-L-R85	
Saw Blanks	Surface		A60-K-R90
Glass Edging	Surface	A180-N-R70	

DIMENSIONAL AVAILABILITY

Diameter in inches	Thickness in inches										Hole Sizes
	1/8	3/16	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/2	
1	X	X	X	X	X						1/8, 1/4, 3/8
1-1/2	X	X	X	X	X						1/8, 1/4, 3/8
2	X	X	X	X	X						1/8, 1/4, 3/8, 1/2
2-1/2	X	X	X	X	X						1/8, 1/4, 3/8, 1/2
3	X	X	X	X	X	X					1/8, 1/4, 3/8, 1/2, 5/8
3-1/2	X	X	X	X	X	X					1/8, 1/4, 3/8, 1/2, 5/8
4	X	X	X	X	X	X	X				1/4, 3/8, 1/2, 5/8, 3/4,1
4-1/2	X	X	X	X	X	X	X				1/4, 3/8, 1/2, 5/8, 3/4,1
5	X	X	X	X	X	X	X				3/8, 1/2, 5/8, 3/4, 1, 1-1/2
5-1/2	X	X	X	X	X	X	X				3/8, 1/2, 5/8, 3/4, 1, 1-1/2
6	X	X	X	X	X	X	X				1/2, 5/8, 3/4, 1, 1-1/2, 2
7	X	X	X	X	X	X	X	X	X	X	5/8, 3/4, 1, 1-1/2, 2, 3
8		X	X	X	X	X	X	X	X	X	5/8, 3/4, 1, 1-1/2, 2, 3
9			X	X	X	X	X	X	X	X	5/8, 3/4, 1, 1-1/2, 2, 3
10 - 20			X	X	X	X	X	X	X	X	From 1 - 8 inches

NOTE: Type one wheels can be made with side reinforcement (HSS marking), center reinforcement (HCS marking), or rough sides (grain sided).

Radiac® Abrasives

Engineered Solutions For Your Grinding Needs™

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