


# 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)		
<b>MANUFACTURING</b> - 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.  <b>3D</b> - deflash plastic & metal parts.  <b>Aerospace &amp; Electronics</b> - light deburring on aluminum & copper parts.  <b>Automotive</b> - surface conditioning & gasket removal. Tire adhesive removal.  <b>Welding</b> - clean seams, discoloration & splatter.	<b>CLEANING &amp; SURFACE CONTAMINANT REMOVAL</b>						PRE-POLISH		POLISH	HIGH POLISH	
		AGGRESSIVE	HEAVY DUTY	STANDARD	LIGHT DUTY							
		Adhesives / Glues • Rust • Coatings • Sealant • Corrosion Stains • Oxidation • Varnish • Paint • Weld Burns										
		<b>LIGHT GRIND/REDUCE</b>		<b>BLEND</b>				<b>TEXTURE</b>				
								BRUSHED FINISH		FINE BRUSHED FINISH		
		<b>DEBURR</b>										
		AGGRESSIVE		HEAVY DUTY		LIGHT DUTY						
		<b>MILL SCALE REMOVAL</b>										
				HEAVY DUTY		LIGHT DUTY						
		Aluminum • Steel • Non-Ferrous										
<b>WELD CLEAN &amp; PREP</b>												
AGGRESSIVE		HEAVY DUTY		STANDARD		LIGHT DUTY						
Clean		Clean/Prep			Prep							
<b>SURFACE ROUGHNESS VALUE</b>												
(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					
<b>JEWELRY</b>	Excellent on gold, silver, platinum and most other metals.  No compounds, rouges or pastes required.	<b>CLEAN &amp; REMOVE</b>						PRE-POLISH		POLISH	HIGH POLISH	
		HEAVY SCRATCHES		SCRATCHES/ FIRESCALE	FINE SCRATCHES	LIGHT SCRATCHES/ OXIDES		BLEND	SAFE ON STONES			
		<b>CLEAN CASTINGS</b>				<b>TEXTURE</b>						
				Light Cleaning		Medium Satin Finish	Fine Satin Finish					
<b>DENTAL</b>	Composites, ceramics, acrylics as well as precious, semi-precious & non-precious metals.	<b>CLEAN &amp; REMOVE</b>						PRE-POLISH/SEMI-FINISH		POLISH	HIGH POLISH	
		AGGRESSIVE	HEAVY DUTY	SCRATCHES/ FIRESCALE	FINE SCRATCHES/ OXIDES	LIGHT OXIDES						
		<b>BLEND</b>										
<b>TEXTURE</b>						<b>SMOOTH</b>						
<b>WOODWORKING</b>	Sand, defuzz, denib & shape detail grooves, patterns and other hard-to-reach areas with no distortion.  REC. RPM for WOOD <1" - 6" -500-5,000 7-5/8"-12" -500-1,000	<b>CUT/CARVE</b>						SAND/BURNISH		PRE-POLISH	POLISH	HIGH POLISH
		AGGRESSIVE	HEAVY DUTY	REMOVE/SET GRAIN	LIGHT DUTY		FINE	VERY FINE	ON BURNISHED SURFACES			
		<b>CLEAN UP</b>										
<b>SPECIALTY PRECISION SILICON CARBIDE &amp; DIAMOND RANGES</b>		<b>REMOVE</b>	<b>SMOOTH</b>	<b>FINISH</b>	<b>POLISH</b>			<b>SMOOTH</b>	<b>POLISH</b>			
		<b>90 (S/C)</b>	<b>240 (S/C)</b>	<b>400 (S/C)</b>	<b>1000 (S/C)</b>			<b>400 Diamond</b>	<b>1µ Diamond</b>			
Aerospace Dental Food Service Jewelry Medical	Preferred for numerous precision medical, dental & aerospace applications.  Jewelry/Dental - a more heat-resistant and durable alternative to traditional silicone polishers.	Soft, flexible polishers for removing metal, ceramic, acrylic & composite.	Soft, flexible polishers for smoothing precious metal alloys.	Soft, flexible polishers for high-lustre on precious metal alloys.	Soft, flexible polishers for highest-lustre on precious metal alloys.			Smooth composite, semi-precious & precious metals	High-polish composite, semi-precious & precious metals			



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