

APPLICATION	Base Metal	Deposit – Mills Approx.	Reason For Use												
			Wear Resistance	Corrosion Resistance	Repair & Salvage	Fretting Resistance	Release Properties	Magnetism	Solderability	Base for Electroplating	Infinite Throw	Thickness Control	Uniform Coating	Electroless Forming	
AUTOMOTIVE															
Heat Sinks	Al	4		X					X		X				
Pistons	Fe	6	X	X											
Engine Bearings	Al		X	X											
Hose Couplings	Fe	2	X												
Gears and Gear Assemblies	Fe	0.4-1.0										X	X		
AIRCRAFTS															
Engine Overhaul	Fe	1.0+	X	X	X						X	X			
Struts	S / S	1.0-2.0			X							X			
Landing Gear	Fe	1.0+	X	X	X										
Hydraulics	Fe	1.0+													
Propellers	Fe	1.0+	X	X	X										
Hinges	Fe	4	X							X					
Tape Guides	Al	2	X												
Engine Mounts	4130 4140	1.0-2.0	X	X									X		
Turbine Parts	Fe	1.0-2.0											X		
Gyro Parts	Fe	0.5-1.0	X												
CHEMICAL EQUIPMENT															
Tanks	Steel and SS	2.0-5.0		X											
Pumps	Steel and SS	2.0-5.0	X	X											
Filters	Steel and SS	2.0-5.0	X	X											
Heat Exchangers	Steel and SS	2.0-5.0		X											
Spray Nozzles	Fe / Cu	0.3-1.0	X	X							X	X	X		
Tubing	Cu / Al Fe / SS	0.5-2.0	X	X							X	X	X		
RAILROAD															
Diesel Shafts	Fe	1.0+	X		X	X					X	X			
ELECTRICAL MOTORS															
Variable Speed Shafts	Fe	0.5+	X		X							X			
Rotor Blades, Starter Rings	Fe / Al	0.5-5.0	X	X											
PRINTING ROLLS	Fe / Cu	0.8-1.5	X	X									X		
OIL WELLS & MINNING															
Drills & Pipes	Fe	1.0+	X	X	X	X					X				
Oil Drilling Equipment	Fe / SS	2.0-3.0		X											
MOLDS															
Moldes for ZDC	Fe	1.0-3.0	X	X	X		X				X	X			
Extrusion Dies	Fe	0.3-3.0	X	X	X		X				X	X			
MILITARY															
Fuse Assemblies	Fe	.5		X											
Mortar Detonators	Fe	.4		X							X	X			
Wave Guides	Al	0.3-1.5		X									X		
Mirrors	Al / Be	5.0-7.0										X	X		
VALVIES (Gale)	Fe / Al	0.5-2.0	X	X							X	X	X		
VALVIES (Ball)	Fe / Al	0.5-2.0	X	X							X	X	X		
VALVIES (Plug)	Fe / Al	0.5-2.0	X	X							X	X	X		
TEXTILE															
Drop Wires	Fe	0.01	X	X								X			
Spinnerets	S / S		X	X	X		X				X	X			
ELECTRONICS															
Heat Sinks	Al	0.4		X				X	X						
Memory Drums	Al	0.1								X					
Terminals	Fe	0.1						X	X	X	X				
Lead Wires	Fe	0.1							X	X	X				
Chassis	Al	0.5		X					X	X	X				
Transistors	Fe	0.2		X						X	X	X			
Al High Frequency Signal Selectors	Al	0.5-1.5		X							X				
Form Complex Parts / Small Electrical	Al	1.0-4.0												X	
Al & High Temp Plastic and Other Electronic Junction	Al / Plastic	0.3-0.5	X	X					X						
P.C.	P. C. Boards	0.2-0.5						X	X						
MATERIAL HANDLING															
Hydraulic Shafts	Fe	1.0	X	X		X	X				X	X			
Hydraulic Cylinders	Fe	1.0	X	X		X	X				X	X			