

TRIPP

PLATING WORKS

An Alphabetical Listing of Tripp Plating Finishes, Metals Applicable, Specifications, Thickness/Appearance and Effects

Process	Metal	Applicable Specification	Normal Coating Thickness & Color or Appearance	Effects
Brass	ALL	None	.0002 - .0005 Dull to Bright	Normally preceded by bright nickel plate and pst treated with a coat of clear lacquer or baked enamel.
Bright Dips	Aluminum, Brass, Copper	Bright Cosmetic	Removes Metal Oxides	Chemical polishing which improves appearance of finishes on aluminum, brass and copper. Used for cleaning metal before welding and pressure testing. Removes Oxides Bright Cosmetic
Chromium	ALL	QQ-C-320 Class 1 - Corrosion Protective decorative) Type I - Bright Type II - Satin Class 2 - Engineering	Class 1: 0.0001 - 0.00005 (plus underplate) Class 2 - 0.002 unless otherwise specified. Dull to Bright	Decorative chrome is normally applied over copper and nickel Plate. Type I bright coating is put on either the base metal that is polished or as is. Type II satin coating is put on the base metal that is either blasted, grained or brushed. Hard chrome is plated directly on the base metal. Parts requiring heavy metal deposits should be overplated and ground to the final finished dimension.
Copper	ALL	MIL-C-14550 AMS-2418 ASTM-B-734	Class 0 - 0.001-0.005 Class 1 - 0.001 min. Class 2 - 0.0005 min. Class 3 - 0.0002 min. Class 4 - 0.0001 min.	Stop off for heat treat (class 0) and caburizing (class 1). Undercoat for other plated metals to improve adhesion, corrosion resistance, and to increase electrical conductivity (class 2). Under tin plating to prevent base metal migration into tin to poison solderability (class 3 and class 4).
Iridite	Magnesium	MIL-M-3171 Type VIII	Experience shows it may remove metal Brassy to dark brown	Good paint base on all alloys. Limited corrosion protection. Used for alloys that won't take Dow #7. Careful control is necessary to avoid etching of base metal.
Nickel	ALL	QQ-N-290 Class 1- Corrosion protective. Class 2 - Engineering ASTM-B-689 AMS-2403	Class 1 Grade A - .0016 Grade B - .0012 Grade C - .0010 Grade D - .0008 Grade E - .0006 Grade F - .0004 Grade G - .0002 Class 2 - as specified	Anti-corrosion. Electrical conductivity. Paint masks. There is a nickel finish for almost any need. Nickel can be deposited in soft or hard form, dull or bright finish. Corrosion resistance is related to the thickness applied. Low thermal expansion. Slightly ...

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