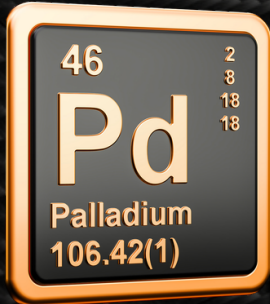
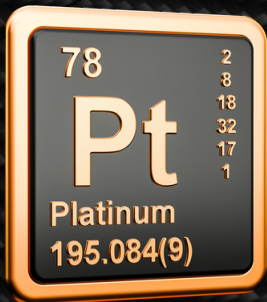


Precious Metal Alloy Families



PALINEY Palladium Based Alloys

- First Palladium alloy introduced in 1934
- Low contact resistance, high mechanical strength
- Corrosion resistance in extreme environments
- Applications include...
 - Electrical contacts, slip ring systems, fuel level systems and biocompatible devices



DERINEY Platinum Based Alloys

- Deringer-Ney's newest alloy family
- High strength, high hardness and biocompatible
- Platinum-iridium and Platinum-nickel alloys
- Applications include...
 - Implantable medical devices, interventional medical equipment and radiopaque markers



NEYORO Gold Based Alloys

- Deringer-Ney's first alloy
- Very high tarnish resistance and low resistivity
- Many available with ASTM designations
- Applications include...
 - Sliding contacts, slip rings, potentiometers, electronic test probes and low noise contacts



NEY Silver-Copper Based Alloys

- Ney 75 (75% Ag, 24.5% Cu, 0.5% Ni) - ASTM B780
- Ney 90 Coin Silver (90% Ag, 10% Cu) - ASTM B617
- Low resistance - ability to conduct high current
- Applications include...
 - Arcing (make/break) contacts used in relays and switches

- Alloys for demanding applications and harsh environments
- Approximately 300 alloys compositions produced
- Over 140 industry-standard alloys
- Selection of wrought / age hardenable alloys

