

| Product                   | Description   | Properties  |
|---------------------------|---|---|
| <b>Cobalt Alloys</b>      |   |   |
| CoCrMo (CCM) Alloy 1      | CoCrMo (CCM) is a cobalt-chromium-molybdenum based alloy that is able to withstand high corrosion and extreme high temperatures. It is ideal for applications in high thermal, mechanical, and corrosive stress conditions; as well as biomedical applications    | High corrosion resistance, high temperature resistance, non-magnetic  |
| CoCrMo (CCM Plus) Alloy 2 | CCM Plus is a high carbon version of CCM alloy. The cobalt-chromium-molybdenum alloy is a vacuum induction melted power metal that combines great properties  | High strength, high corrosion resistance, high wear resistance, non-magnetic  |
| L605                      | L605 is a cobalt-chromium-tungsten-nickel alloy. It is the strongest of the cobalt alloys, and is characterized by being able to withstand a wide range of conditions   | High strength up to 1500F, good sulfidation resistance, moderate strength, good oxidation resistance, excellent resistance to hot corrosive atmospheres |
| MP35N                     | MP35N is a nickel-cobalt based alloy that combines a unique set of characteristics, such as excellent strength, toughness, ductility, corrosion resistance, and biocompatibility. This allows the MP35N to be used in a wide range of applications and industries | High corrosion resistance, high strength, non-magnetic, good ductility, high oxidation resistance   |

| Specs   | Markets   | Applications  |
|---|---|---|
| ASTM F1537, ASTM F75, ASTM F799, ISO 5832-12, ISO 5832-4          | Medical   | Metal prostheses (knee replacements, hip replacements, shoulder replacements, disc replacements, fracture fixation)                                   |
| ASTM F1537, ASTM F75, ASTM F799, BS 7252, ISO 5832-12, ISO 5832-4 | Medical   | Knee replacements, hip replacements, spinal rods, surgical implant devices  |
| AMS 5537, AMS 5796, EN 2.4964, GE B50A460, UNS R30605             | Aerospace, Medical, Industrial, Defense, Energy | Aircraft engine combustor liners, jet engine components, industrial furnace liners, springs, gas turbine engine components                            |
| ASTM F562, AMS 5758, AMS 5844, AMS 5845                           | Aerospace, Medical, Industrial, Energy          | Pacing leads, stylets, catheters, orthopedic cables, dental braces, prostheses, petrochemical equipment, racing engines, springs, leading edge strips |

Forms

Bar, Tubing, Wire

Bar, Tubing, Wire

Bar and Wire

Bar and Wire