

COBALCHROME 422

- Works Well in Erosive and Corrosive Environments
- Cosmetically Appealing
- Excellent Cosmetic Finish
- Works Well in Vertical Cutting Dryers
- Machinable Using Carbide Tools
- Contains Cobalt

DESCRIPTION

Cobalchrome 422 is an atypical cobalt, nickel, chrome, molybdenum carbon steel alloy. This material is highly resistant to cavitation and rotational scarring and galling in oilfield and coal applications. Deposits are desirable where a high post-machine polish is necessary.

APPLICATIONS

- Die Cast Shafts
- Gears
- Forgings
- Crankshafts
- Axles
- Castings
- Build-up on All Ferrous Shafts

TECHNICAL DATA

Wire Type: Metal Cored, Flux-Cored Open-Arc or Gas Shielded

Deposits Have Minimum Slag

Alloy Elements: Carbon, Cobalt, Chromium, Molybdenum and Silicon

Weld Deposit: Hardness 42-44Rc

Deposit Thickness: 6 Layers

Deposits Cannot be Flame cut

Deposits do not Normally Stress Crack

Tensile Strength: 189,000 PSI (2" Bar)

Air Hardness: 42-45Rc

AVAILABILITY

- .035" on 25 lb. spools
- .045" on 25 lb. spools
- 1/16" on 25 lb. spools