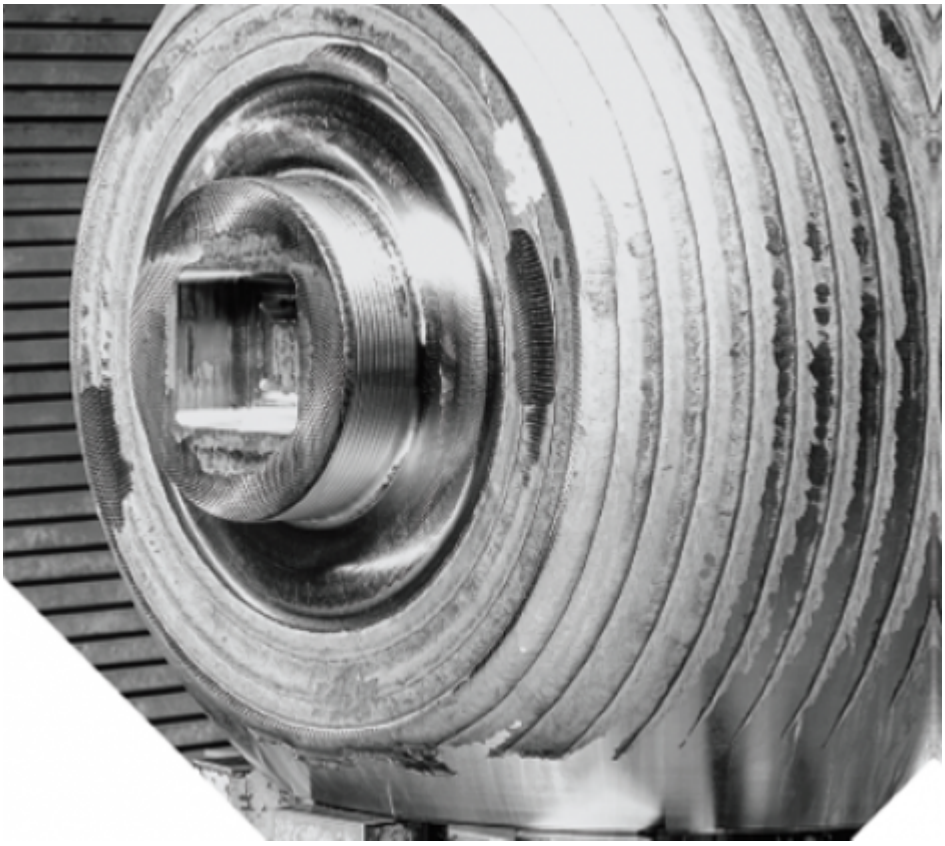
CLADDED BALL, IN-HOUSE AND CERTIFIED PROCESS



Cladded balls from design to manufacturing, following Welding Procedure Specification, prepared according to our worldwide customer’s requirements. The welding overlay is obtained by depositing on a base material surface, usually carbon steel, two or more layers of protective material.

Typically, Inconel or Stainless steel F316, chemically suitable to resist corrosion in the presence of aggressive fluids or gas.

Our Hutchinson’s welding overlay procedure is certified ISO 3834.

- Product family: **Seats, Balls and Slabs for Valves**

TECHNICAL FEATURES

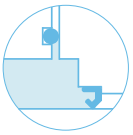
- MIG: Metal Inert Gas - pure argon - Inconel 625
- MAG: Metal Active Gas – 98% argon/ 2% CO2 - F316
- TIG: Tungsten Inert Gas - For repairing operations or cartridge
- Inconel 625 – Nickel alloy
- F316 – Stainless steel
- Balls range from ¼” to 56”
- Temperature range : -20°C to +500°C
- UNI EN ISO 3834-2 certified overlay welding

BENEFITS

- Reliability
- Durability

MARKET AND EXPERTISE

ENERGY



Precision Sealing Systems

ALL PRODUCTS FAMILIES

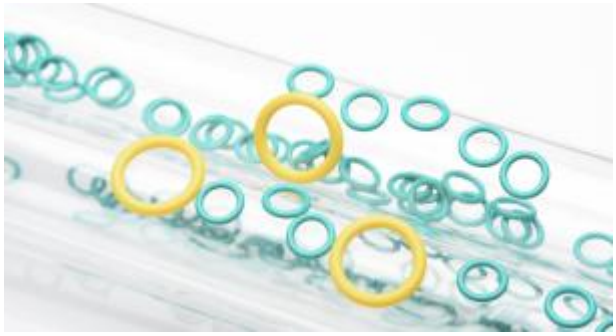
Energy Precision Sealing Systems

Extreme Temperature Insulating Materials

Our Materials insulate and protect structures in extreme temperatures (-192°C to 1150°C). Flexible for sealing or rigid for walls construction. They demonstrate reliability for over 20 years.

Seats, Balls and Slabs for Valves

Our Seats, Balls and Slabs ensure leak-free closing and opening of on-off valves.Offered as a complete kit "seats & balls" or "seats & slabs", they guarantee a perfect fit of the components and perfectly seal the valve.



O-Rings

Our O-Rings ensure perfect static and dynamic seals between two parts assembled radially (shafts) or axially (covers). Our O-Rings can withstand the most extreme temperatures and fit in the smallest spaces.