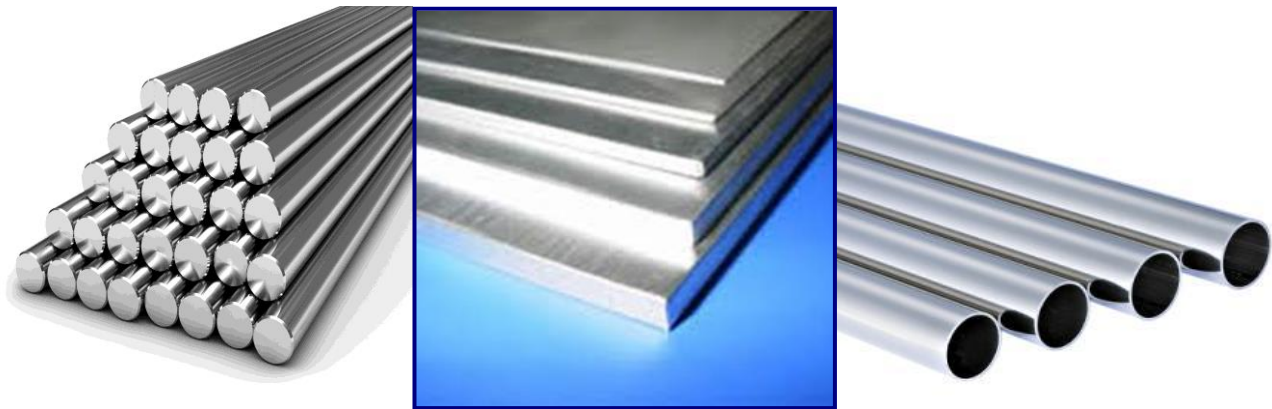


TRU SS16 HCR

A MODIFIED MATERIAL FOR HIGH CORROSION IN EXTREME TEMPERATURES AND ATMOSPHERES

BENEFITS

- **CHARACTERISTICS:** This non-magnetic stainless alloy is a molybdenum-bearing austenitic chromium nickel modification of type 316 with superior corrosion resisting characteristics. **TRU SS16 HCR**, with the addition of molybdenum, increases general corrosion resistance, improves resistance to pitting and provides increased strength at elevated temperatures. **TRU SS16 HCR** has far better corrosion resistance than type 304 to resist against sulfuric, hydrochloric, acetic, formic and tartaric acids; acid sulfates and alkaline chlorides.
- **TEMPERATURE RESISTANT:** This material will withstand intermittent heats of 1600° F and sustained heats of 1688° F while possessing excellent mechanical and corrosion-resistant properties at sub-zero temperatures.
- **WELDABLE:** Material can be satisfactorily welded by the common fusion and resistance techniques. The high nickel content requires slower arc welding speed and more care to avoid hot cracking.



APPLICATIONS

Chemical Tanks & Digesters
Pulp & Paper Processing Equipment

Furnace Parts
Marine Atmospheres

Heat Exchangers
Valve & Pump Trim