

TRU SS39

A MODIFIED HIGH-HEAT MATERIAL FOR EXTREME TEMPERATURES AND WEAR

BENEFITS

- **CHARACTERISTICS:** This non-magnetic stainless alloy is an austenitic chromium-nickel modification of type 309 with superior heat-resisting characteristics. **TRU SS39** is suitable for parts that are intermittently heated and cooled and has better corrosion resistance than type 309. In addition, it also possesses better creep strength and has excellent hot and cold workability. It is an alloy recommended specifically for furnace and boiler parts.
- **HEAT RESISTANT:** This material will withstand high heat (typically to 1500° F sustained, 1800° F max.) and physical stresses and wear that may occur.
- **WELDABLE:** Material can be satisfactorily welded and brazed by all methods. It does not air-harden on cooling and the weld will be very tough.



PHYSICAL PROPERTIES

Yield Strength, .02% Offset
Tensile Strength

30,000 ksi
75,000 ksi