

**CORROSION
RESISTANCE**

Its corrosion resistance is inferior that other 430 ferritic stainless steel and in severe corrosive conditions will require additional protection. Maximum corrosion resistance is developed in the hardened condition but the surface must be free from scale and foreign matters to prevent galvanic corrosion. It is recommended to be passivated after final fabrication.

COLD WORKABILITY

Type 410 can withstand only minor cold working operation and is not recommended for parts requiring severe cold forming.

HOT WORKABILITY

It is inferior then other grades but can be forged. The temperature should not exceed 2200°F and should not be below 1700°F. Simple forgings can be air cooled but heavy or more complex shapes must be equalized at about 1300°F and furnace cooled.