

## 321/321H

### Description

321/321H is a titanium bearing steel not sensitive to intergranular corrosion after heating within the range of carbide precipitation. This stainless steel grade is often used in refineries as well as high temperature chemical processing, heat exchanger tubes and high temperature steam service.

### Forms in Stock

- Pipe
- Fittings
- Flanges

### Specifications

UNS S32100/S32109

Smls Pipe	½"-12"	40s, 80s, 120, 160, XXH	ASTM/ASME 312
B/W Fittings	½"-8"	40s, 80s	ASTM/ASME 403
Flanges	½"-8"	150#, 300#, 600#	ASTM/ASME 182

### Limiting Chemical Composition, %

Ni...9.0-12.0	Si...0.75 max.
Cr...17.0-19.0	S.....0.03 max.
C.....0.08 max.	P.....0.045 max.
N.....0.10 max.	Ti...4 x C min. 0.60% max.
Fe...Balance	
Mn...2.0 max.	