

## 347/347H

### Description

347/347H is an austenitic chromium steel containing columbium often used in refineries, high temperature chemical processing, and high temperature steam service. This columbium bearing steel not sensitive to intergranular corrosion after heating within the range of carbide precipitation but elevated properties may be achieved through cold reduction.

### Forms in Stock

- Pipe
- Fittings
- Flanges

### Specifications

UNS S34700/S34709

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...9.0-13.0	Si...0.75 max.
Cr...17.0-19.0	S.....0.03 max.
C.....0.08 max.	P.....0.045 max.
Mo...3.0-4.0	Co + Ta...8 x C min. 1.00 max.
Fe...Balance	
Mn...2.0 max.	