

304/304H

Description

304/304H is an austenitic chromium-nickel alloy known to be among the most adaptable and widely applied stainless steels in the 300 series. The higher carbon content in 304H makes for an amplified tensile and yield strength. This versatile alloy can often be found in pipelines, condensers, heat exchangers, oil refining, power generation industry, and gas and chemical industries.

Forms in Stock

- Pipe
- Fittings
- Flanges

Specifications

UNS S30400/S30409

Welded Pipe	½"-12"	10s, 40s, 80s	ASTM/ASME 312
Smls Pipe	½"-8"	40s, 80s, 160	ASTM/ASME 312
B/W Fittings	½"-8"	40s, 80s	ASTM/ASME 403
Flanges	½"-12"	150#, 300#	ASTM/ASME 182

Limiting Chemical Composition, %

Ni...8.0-10.5	Si...0.75 max.
Cr...18.0-20.0	S.....0.03o max.
C.....0.08 max.	P.....0.045 max.
Mn...2.0 max.	N.....0.10 max.
Fe...Balance	