

## ASME SB-408 Incoloy 800 Round Bars & Wires

### Specifications

Grade	UNS	Standards	
Incoloy 800	N 08800	ASME SB-408	AMS 5766

Incoloy 800 round bars and wires have an excellent mechanical properties and provide good resistance to oxidation.

Incoloy 800 round bars find extensive application in furnace muffles, electronic components, heating treating equipment, steam generator tubing, heat exchangers, etc.

### Chemical Compositon

Item	Incoloy 800	Incoloy 800H	Incoloy 800HT	
Chemical Composition (%)	C	≤0.1	0.05~0.1	0.06~0.1
	Mn	≤1.5	≤1.5	≤1.5
	Si	≤1.0	≤1.0	≤1.0
	S	≤0.015	≤0.015	≤0.015
	Al+Ti	0.3~1.2	0.3~1.2	0.3~1.2
	Cr	19~23	19~23	19~23
	Ni	30~35	30~35	30~35
	Fe	bal	bal	bal
	Cu	≤0.75	≤0.75	≤0.75

## **Types of Incoloy 800 round bars and wires**

- Incoloy 800 round bars
- Incoloy 800 wires
- ASME SB-408 Incoloy 800 round bars
- AMS 5766 Incoloy 800 round bars
- ASME SB-408 Incoloy 800 wires
- AMS 5766 Incoloy 800 wires