



## Hastelloy X

### 1. Brief introduction:

It's Ni-Cr-Fe-Mo alloy with outstanding strength and oxidation resistance at temperatures to 2200°F (1200°C).

Matrix stiffening provided by the Mo content results in high strength in a solid-solution alloy having good fabrication characteristics.

Used in gas turbines, industrial furnaces, heat-treating equipment and nuclear engineering.

### 2. Main specifications:

USA	UNS	W.Nr
Hastelloy X	N06002	2.4665

### 3. Chemical composition under ASTM B572-06 standard:

Grade	chemical composition, %										
	Ni	Cr	Mo	Fe	Co	W	C	Si	Mn	P	S
UNS N06002	Remainder	20.5-23.0	8.0-10.0	17.0-20.0	0.5-2.5	0.2-1.0	0.05-0.15	≤1.0	≤1.0	≤0.04	≤0.03

### 4. Main product types:

wire, rod, forging, bar, strip, sheet/plate, tube/pipe, fitting.



Shanghai Hite Special Alloy Co., Ltd.  
<https://www.hitealloy.com>

**5. Main produce standards:**

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B572	ASTM B435	ASTM B619/B619M ASTM B622 ASTM B626	ASTM B366/B366M-16

**6. HastelloyX source URL:**

<https://www.hitealloy.com/product/hastelloy-x.html>