



## Alloy 625

### 1. Brief introduction:

Inconel 625 is nickel-chromium-molybdenum alloy which resists a wide range of severely corrosive environments and is especially resistant to pitting and crevice corrosion.

It is widely used in chemical processing, aerospace and marine engineering, pollution control equipment and nuclear reactors.

### 2. Main specifications:

China	UNS	USA	W.Nr
GH3625/NS336	N06625	Inconel 625	2.4856

### 3. Chemical composition under ASTM B446-08 standard:

Grade	chemical composition,%												
	Ni	Cr	Mo	Nb+Ta	Si	Mn	S	P	Fe	Al	Ti	Co	C
UNS N06625	≥58.0	20.0-23.0	8.0-10.0	3.15-4.15	≤0.5	≤0.5	≤0.015	≤0.015	≤5.0	≤0.4	≤0.4	≤1.0	≤0.1

Ni element shall be determined arithmetically by difference.

### 4. Main product types we produce:

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



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

**5. Main produce standards:**

welding wire	Wire,rod, Bar	Forging	Sheet/Strip	Pipe
AWS A5.14	ASTM B446	ASTM B564	ASTM B443	ASTM B444
				ASTM B704
				ASTM B705

**6. Alloy625 source URL:**

<https://www.hitealloy.com/product/alloy625-ns336.html>