



Alloy No8367

1. Brief introduction:

Alloy 25-6HN is a super-austenitic stainless steel contain 6% Mo with N to enhangxe properties.

It owns thermal stability and resistance to stress corrossion cracking due to higher Nickel content compared to stainless steel.

It has significantly improved strength and corrossion resistance in most environments over conventional austenitic stainless steels.

Mainly used in heat exchangers for chemical processing and marine applications and desalination systems, flue gas desulfurizationn equipment for coal-fired power plants and reaction vessels for pharmaceutical production.

2. Main specifications:

UNS	SMC	Allegheny Ludlum Corporation
No8367	alloy 25-6HN	Al6XN

3. Chemical composition under ASTM B564-15 standard:

Grade	chemical composition,%										
	Ni	Cu	Fe	Mn	C	Si	S	Cr	Mo	P	N
UNS No8367	23.5-25.5	≤0.75	Balance	≤2.0	≤0.03	≤1.0	≤0.03	20.0-22.0	6.0-7.0	≤0.04	0.18-0.25

Fe element shall be determined arithmetically by difference.



4. Main product types:

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

5. Main produce standards:

Forging, Bar	Sheet/Strip	Pipe
ASTM B564, ASTM B472, ASTM B691, ASTM B462	ASTM A240 ASTM B688	ASTM B675
		ASTM B676
		ASTM B690

6. No8367 source URL:

<https://www.hitealloy.com/product/alloy-no8367-al-6xn.html>