



Alloy 400

1. Brief introduction:

It's a Ni-Cu alloy with high strength and excellent corrosion resistance in a range of media, including sea water, hydrofluoric acid, sulfuric acid and alkalis.

It's used for marine engineering, chemical and hydrocarbon processing equipment, valves, pumps, shafts, fittings, fasteners and heat exchangers.

2. Main specifications:

USA	UNS	W.Nr
Monel 400	No4400	2.4360

3. Chemical composition under ASTM B164-03 standard:

UNS	chemical composition,%						
	Ni	Cu	Fe	Mn	C	Si	S
No4400	≥63.0	28.0-34.0	≤2.5	≤2.0	≤0.3	≤0.5	≤0.024

4. Ni element shall be determined arithmetically by difference.

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



5. Main produce standards:

Wire,Rod, Bar	Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B164	ASTM B564	ASTM B127	ASTM B165 ASTM B725	ASTM B366/B366M-16

6. Alloy400 source URL:

<https://www.hitealloy.com/product/alloy-400-monel-400.html>