



Monel 405

1. Brief introduction:

It's the free-machining version of Monel 400 with a controlled S added to provide sulfide inclusions that act as chip breakers during machining.

Its other characteristics are essentially the same as those of Monel 400.

It's used for meter and valve parts, fasteners and screw-machine products.

2. Main specifications:

USA	UNS
Monel R-405	N04405

3. Chemical composition under ASTM B164-03 standard:

UNS	chemical composition,%						
	Ni	Cu	Fe	Mn	C	Si	S
N04405	≥63.0	28.0-34.0	≤2.5	≤2.0	≤0.3	≤0.5	0.025-0.06

Ni element shall be determined arithmetically by difference.

4. Main product types:

wire,rod,bar.



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

5. Main produce standards:

Wire,Rod, Bar

ASTM B164

6. Monel 405 Source URL:

<https://www.hitealloy.com/product/monel-405.html>

Shanghai Hite Special Alloy Co., Ltd.