



Alloy 925

1. Brief introduction:

It's A Ni-Fe-Cr alloy with additions of Mo and Cu.

It combines the high strength of a precipitation-hardenable alloy with the excellent corrosion resistance of alloy 825.

It has outstanding resistance to general corrosion, pitting, crevice corrosion and stress-corrosion cracking in many aqueous environment, including those containing sulfides and chlorides.

It is widely used for surface and down-hole hardware in sour gas wells and for oil-production equipment.

2. Main specifications:

| USA | UNS |
|-----------|--------|
| Alloy 925 | N09925 |

3. Chemical composition under ASTM B637-16 standard:

| Grade | chemical composition,% | | | | | | | | | | | | |
|-----------|------------------------|-----------|-------|---------|---------|---------|---------|------|-------|------|-------|-------|------|
| | Ni | Cr | Fe | Mo | Ti | Al | Cu | Mn | C | Si | P | S | Nb |
| alloy 925 | 42.0-46.0 | 19.5-22.5 | ≥22.0 | 2.5-3.5 | 1.9-2.4 | 0.1-0.5 | 1.5-3.0 | ≤1.0 | ≤0.03 | ≤0.5 | ≤0.03 | ≤0.03 | ≤0.5 |

Remarks: If require adjustments for some chemical compositions, pls consult with us.



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

4. Main product types:

wire,rod,forging,bar,tube/pipe.

5. Main produce standards:

| | |
|-----------|------------------------|
| ASTM B637 | NACE MR-0175/ISO 15156 |
|-----------|------------------------|

6. Alloy925 source URL:

<https://www.hitealloy.com/product/alloy-925.html>

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