



## R26

### 1. Brief introduction:

R-26 is a Fe-Ni-Co-Cr based precipitation hardening type superalloy with a long-term temperature range of 540 ° C to 570 ° C and a maximum operating temperature of 677 ° C.

It is used to make fasteners for ground turbines, and it can work for more than 100,000 hours under steam temperature of 540 ° C ~ 570 ° C.

### 2. Main specifications:

| Chinese   | USA            |
|-----------|----------------|
| R-26/GH26 | Refractaloy 26 |

### 3. Chemical composition,%

| Grade | chemical composition,% |       |      |      |           |       |       |           |         |            |       |           |         |
|-------|------------------------|-------|------|------|-----------|-------|-------|-----------|---------|------------|-------|-----------|---------|
|       | Ni                     | C     | Si   | Mn   | Cr        | S     | Al    | Fe        | Ti      | B          | P     | Co        | Mo      |
| R-26  | 35.0-39.0              | ≤0.08 | ≤1.5 | ≤1.0 | 16.0-20.0 | ≤0.03 | ≤0.25 | Remainder | 2.5-3.0 | 0.001-0.01 | ≤0.03 | 18.0-22.0 | 2.5-3.5 |

### 4. Main product types:

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

### 5. R26 source URL:

<https://www.hitealloy.com/product/gh26-r26.html>