

MATERIAL NUMBER 1.4529 · CLASS 1.4

# UNS N08925

## Material no. 1.4529

also listed as X 1 NiCrMoCuN 25 20 6

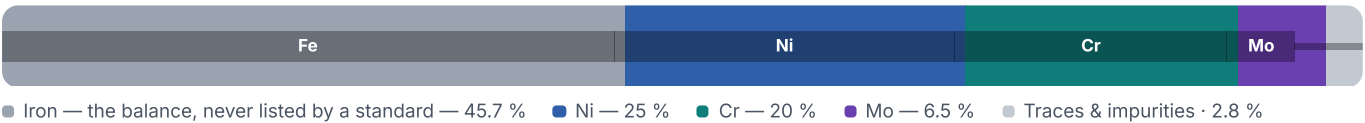
Chemical composition, mechanical and physical property values, and 28 standard designations from 2 regions.

|                                       |                                              |                                      |
|---------------------------------------|----------------------------------------------|--------------------------------------|
| DENSITY<br><b>8</b> g/cm <sup>3</sup> | OTHER DESIGNATIONS<br><b>28</b> in 2 regions | PROPERTY VALUES<br><b>11</b> on file |
|---------------------------------------|----------------------------------------------|--------------------------------------|

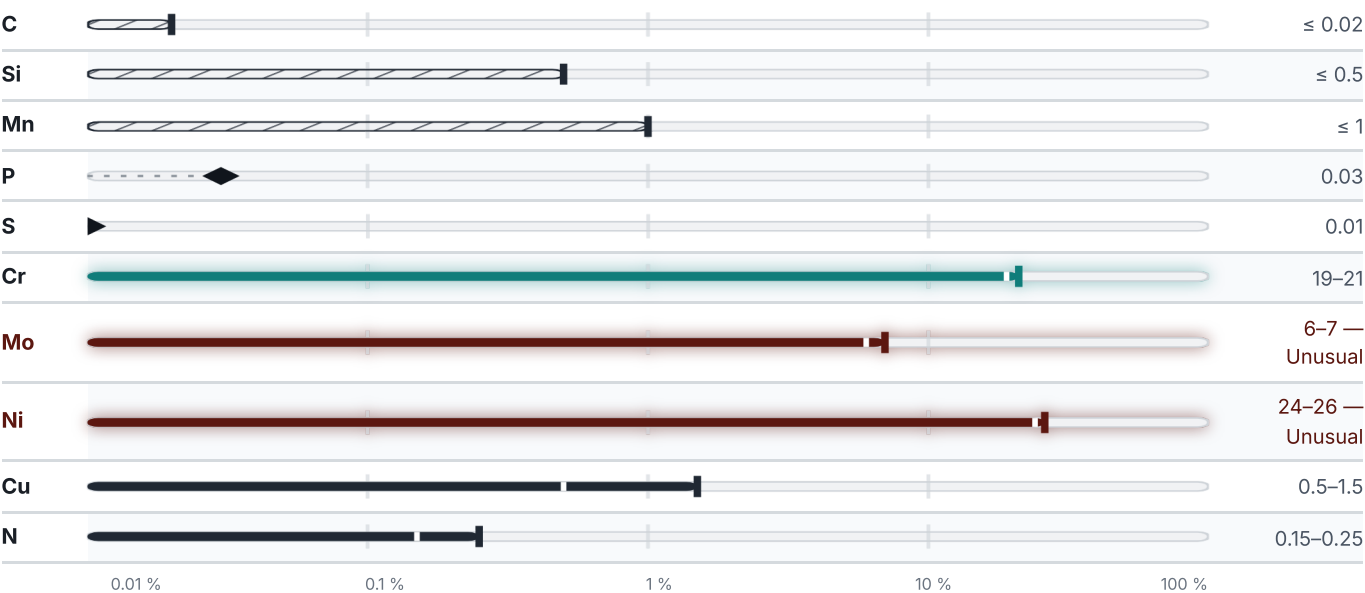
### Chemical composition

Mass fraction in %

What this alloy is



Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Mechanical properties

2 values across 2 conditions

| SOFT ANNEALED     |  | HB  |
|-------------------|--|-----|
| Soft annealed     |  | 250 |
| SOLUTION ANNEALED |  | HB  |
| Solution annealed |  | 220 |

Physical properties

1 values

| PROPERTY | VALUE | UNIT              |
|----------|-------|-------------------|
| Density  | 8     | g/cm <sup>3</sup> |

Designations across standards

28 designations · 5 documented as identical

|               |                       |          |                       |                                 |
|---------------|-----------------------|----------|-----------------------|---------------------------------|
| United States |                       | 25       | B691                  | astm                            |
| N08367        | This grade's own name | uns      | B804                  | astm                            |
| N08925        | This grade's own name | uns      | Europe                |                                 |
| N08926        | This grade's own name | uns      | 3                     |                                 |
| S _ 31254     |                       | uns      | N08367                | din-en                          |
| N08926        |                       | aisi-sae | X 1 NiCrMoCuN 25 20 6 | This grade's own name<br>din-en |
| N08367        |                       | aisi-sae | X1NiCrMoCuN25-20-7    | This grade's own name<br>din-en |
| UNS N08925    |                       | aisi-sae |                       |                                 |
| 26-3 Mo       |                       | astm     |                       |                                 |
| 6 Mo          |                       | astm     |                       |                                 |
| A182          |                       | astm     |                       |                                 |
| A240          |                       | astm     |                       |                                 |
| A249          |                       | astm     |                       |                                 |
| A276          |                       | astm     |                       |                                 |
| A312          |                       | astm     |                       |                                 |
| A479          |                       | astm     |                       |                                 |
| B366          |                       | astm     |                       |                                 |
| B462          |                       | astm     |                       |                                 |
| B472          |                       | astm     |                       |                                 |
| B564          |                       | astm     |                       |                                 |
| B675          |                       | astm     |                       |                                 |
| B676          |                       | astm     |                       |                                 |
| B688          |                       | astm     |                       |                                 |
| B690          |                       | astm     |                       |                                 |

**Note on use.** The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

### Enquiry about UNS N08925

Quotation, availability, mill certificate or a technical question — directly on the material page.

[Start an enquiry](#)

**DATASHEET ONLINE**  
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**GRADE SEARCH**  
Search all grades

**MATERIAL NO.**  
1.4529

**ISSUED**  
Aug 20, 2026