

MATERIAL NUMBER 1.4410 · CLASS 1.4

# 2328

## Material no. 1.4410

also listed as X2CrNiMoN25-7-4

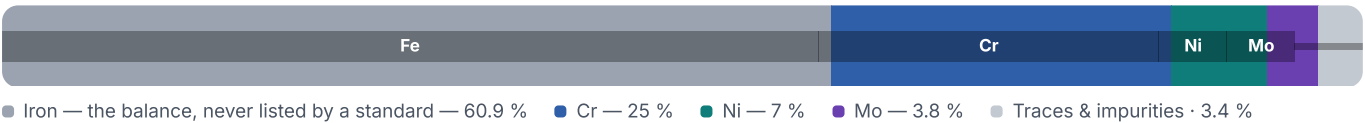
Chemical composition, mechanical and physical property values, and 28 standard designations from 8 regions.

|                             |                                              |                                      |
|-----------------------------|----------------------------------------------|--------------------------------------|
| DENSITY<br><b>7.8</b> g/cm³ | OTHER DESIGNATIONS<br><b>28</b> in 8 regions | PROPERTY VALUES<br><b>10</b> on file |
|-----------------------------|----------------------------------------------|--------------------------------------|

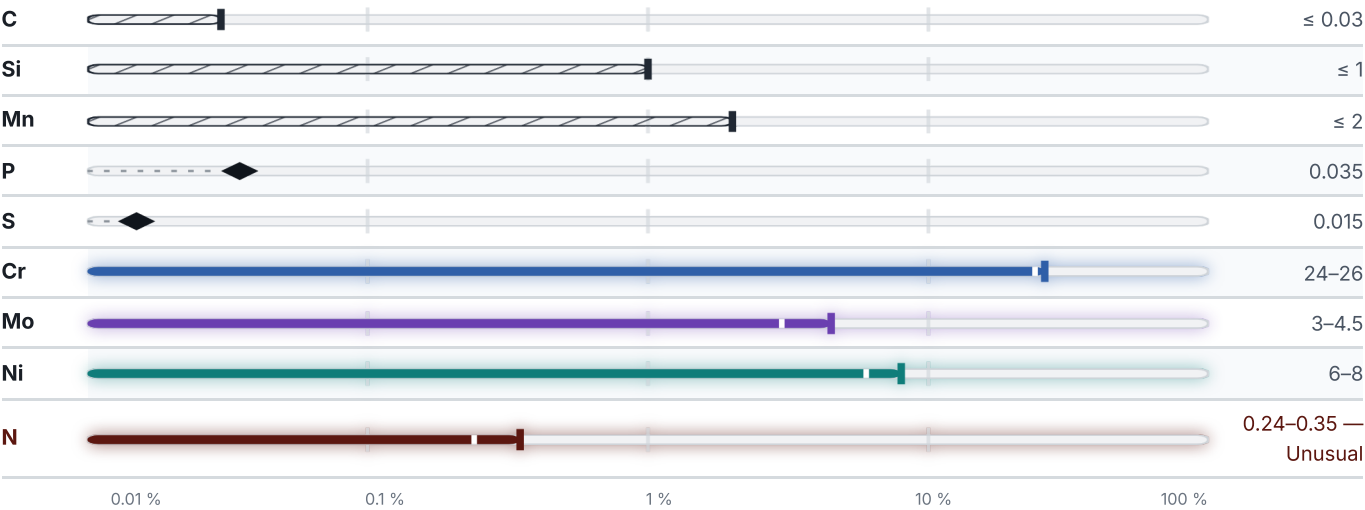
### Chemical composition

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     | 290 |
| SOLUTION ANNEALED | HB  |
| Solution annealed | 310 |

## Physical properties

1 values

| PROPERTY | VALUE | UNIT              |
|----------|-------|-------------------|
| Density  | 7.8   | g/cm <sup>3</sup> |

## Designations across standards

28 designations · 2 documented as identical

| United States                             | 16       | France                                             | 3      |
|-------------------------------------------|----------|----------------------------------------------------|--------|
| S32750 <span>This grade's own name</span> | uns      | Z3CND25-06Az                                       | afnor  |
| S32750                                    | aisi-sae | Z3CND25.07Az                                       | afnor  |
| 2507                                      | astm     | Z3CNDU25-06AZ                                      | afnor  |
| 25Cr-7Ni-Mo-N                             | astm     |                                                    |        |
| A 781 Grade 6A                            | astm     | Europe                                             | 1      |
| A182 F53                                  | astm     | X2CrNiMoN25-7-4 <span>This grade's own name</span> | din-en |
| A276 F53                                  | astm     |                                                    |        |
| A479 F53                                  | astm     | International                                      | 1      |
| CD3MWCuN                                  | astm     | CrNiMo25-7-4                                       | iso    |
| F53                                       | astm     |                                                    |        |
| F55                                       | astm     | Italy                                              | 1      |
| J93380                                    | astm     | 329S                                               | uni    |
| S32750                                    | astm     |                                                    |        |
| S32760                                    | astm     | Sweden                                             | 1      |
| S39275                                    | astm     | 2328                                               | ss     |
| S39276                                    | astm     |                                                    |        |
| Russia / CIS                              | 4        | Czechia                                            | 1      |
| 02Ch25N7M3                                | gost     | 42 2942                                            | csn    |
| 02Ch25N7M4                                | gost     |                                                    |        |
| 02X25H7M3                                 | gost     |                                                    |        |
| 02X25H7M4                                 | gost     |                                                    |        |

**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 2328

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

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ISSUED

Aug 20, 2026