

MATERIAL NUMBER 1.4876 · CLASS 1.4

# B 515

## Material no. 1.4876

also listed as X10NiCrAlTi32-20

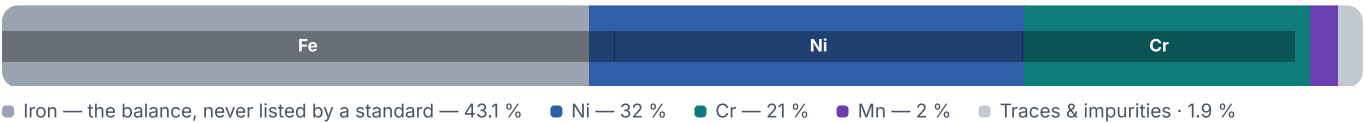
Chemical composition, mechanical and physical property values, and 46 standard designations from 11 regions.

|                                       |                                               |                                      |
|---------------------------------------|-----------------------------------------------|--------------------------------------|
| DENSITY<br><b>8</b> g/cm <sup>3</sup> | OTHER DESIGNATIONS<br><b>46</b> in 11 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

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

## Mechanical properties

1 values across 1 conditions

| SOLUTION ANNEALED | HB  |
|-------------------|-----|
| Solution annealed | 192 |

## Physical properties

1 values

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

## Designations across standards

46 designations · 6 documented as identical

|                              |          |    |                                        |        |
|------------------------------|----------|----|----------------------------------------|--------|
| <b>United States</b>         |          | 20 | <b>Europe</b>                          | 3      |
| Incoloy 800                  | uns      |    | X10NiCrAlTi32-20 This grade's own name | din-en |
| Incoloy 800H                 | uns      |    | X10NiCrAlTi32-21 This grade's own name | din-en |
| Incoloy 800HT                | uns      |    | X8NiCrAlTi32-21 This grade's own name  | din-en |
| N08332 This grade's own name | uns      |    |                                        |        |
| N08800 This grade's own name | uns      |    | <b>United Kingdom</b>                  | 3      |
| N08810 This grade's own name | uns      |    | 3076 NA 15 H                           | bs     |
| N08811                       | uns      |    | NA 15                                  | bs     |
| 800                          | aisi-sae |    | NA15(H)                                | bs     |
| B 163                        | aisi-sae |    |                                        |        |
| N08332                       | aisi-sae |    | <b>International</b>                   | 3      |
| N08800                       | aisi-sae |    | FeNi32Cr21AlTi                         | iso    |
| N08810                       | aisi-sae |    | NW8800                                 | iso    |
| N08811                       | aisi-sae |    | X8NiCrAlTi32-21                        | iso    |
| A 240                        | astm     |    |                                        |        |
| B 366                        | astm     |    | <b>Japan</b>                           | 3      |
| B 407                        | astm     |    | NCF 800                                | jis    |
| B 408                        | astm     |    | NCF 800 TB                             | jis    |
| B 409                        | astm     |    | NCF 800 TP                             | jis    |
| B 515                        | astm     |    |                                        |        |
| B564                         | astm     |    | <b>United States / Aerospace</b>       | 2      |
|                              |          |    | 5766                                   | ams    |
|                              |          |    | 5871                                   | ams    |
| <b>France</b>                | 4        |    |                                        |        |
| Z10NC32-21                   | afnor    |    | <b>Russia / CIS</b>                    | 2      |
| Z5 NC 35-20                  | afnor    |    |                                        |        |
| Z8NC32.21                    | afnor    |    | Ch20N32T                               | gost   |
| Z8NC33-21                    | afnor    |    | EP670 /ChN32T                          | gost   |
|                              |          |    |                                        |        |
| <b>Spain</b>                 | 4        |    | <b>Czechia</b>                         | 1      |
| 33-21                        | une      |    | 17358                                  | csn    |
| F.3314                       | une      |    |                                        |        |
| F.3545                       | une      |    | <b>Slovakia</b>                        | 1      |
| F.3545-X9NiCr                | une      |    | 17 358                                 | stn    |

**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 B 515**  
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.**  
1.4876

**ISSUED**  
Aug 20, 2026