

MATERIAL NUMBER 1.6747 · CLASS 1.6

# F.1260-32 NiCrMo 16

Material no. 1.6747

also listed as 30NiCrMo16-6

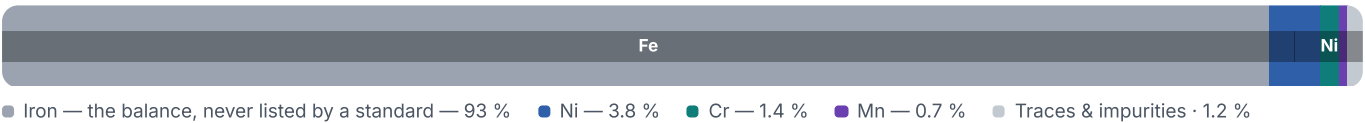
Chemical composition, mechanical and physical property values, and 15 standard designations from 7 regions.

|                              |                                              |                                     |
|------------------------------|----------------------------------------------|-------------------------------------|
| DENSITY<br><b>7.85</b> g/cm³ | OTHER DESIGNATIONS<br><b>15</b> in 7 regions | PROPERTY VALUES<br><b>9</b> on file |
|------------------------------|----------------------------------------------|-------------------------------------|

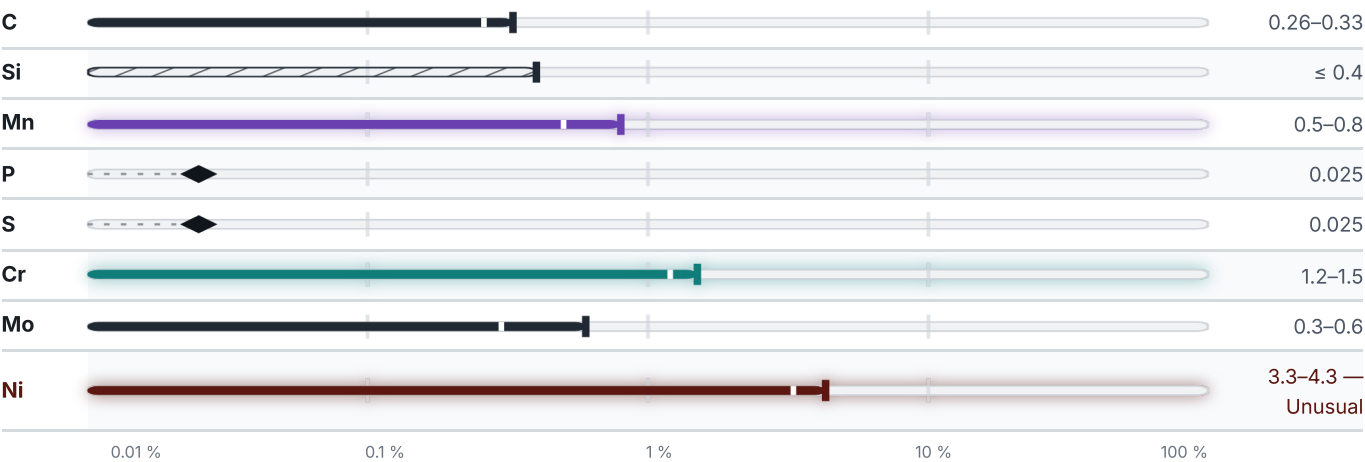
Chemical composition

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

6 values across 2 conditions

| QUENCHED AND TEMPERED · ROUND PRODUCTS | A<br>% · Lo = 5,65 √So |
|----------------------------------------|------------------------|
| ≤ 16                                   | 10                     |
| 16 – 40                                | 10                     |
| 40 – 100                               | 10                     |
| 100 – 160                              | 11                     |
| 160 – 250                              | 11                     |
| SOFT ANNEALED                          | HB                     |
| Soft annealed                          | 270                    |

## Physical properties

1 values

| PROPERTY | VALUE | UNIT              |
|----------|-------|-------------------|
| Density  | 7.85  | g/cm <sup>3</sup> |

## Designations across standards

15 designations · 1 documented as identical

|                     |       |                                                 |        |
|---------------------|-------|-------------------------------------------------|--------|
| <b>France</b>       | 4     | <b>Spain</b>                                    | 2      |
| 35NCD14             | afnor | F.1260                                          | une    |
| 35NCD16             | afnor | F.1260-32 NiCrMo 16                             | une    |
| 35NiCrMo14          | afnor | <b>Europe</b>                                   | 1      |
| 35NiCrMo16          | afnor | 30NiCrMo16-6 <span>This grade's own name</span> | din-en |
| <b>Russia / CIS</b> | 3     | <b>United Kingdom</b>                           | 1      |
| 36Ch2N4MA           | gost  | 835M30                                          | bs     |
| 36H2N4MA            | gost  | <b>Italy</b>                                    | 1      |
| 36Kh2N4MA           | gost  | 35NiCrMo15                                      | uni    |
| <b>Poland</b>       | 3     |                                                 |        |
| 32HN3M              | pn    |                                                 |        |
| 34HN3M              | pn    |                                                 |        |
| 36HNM               | pn    |                                                 |        |

**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 F.1260-32 NiCrMo 16

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

[Start an enquiry](#)

DATASHEET ONLINE

[View the material page](#)

GRADE SEARCH

[Search all grades](#)

MATERIAL NO.

1.6747

ISSUED

Aug 20, 2026