

# 16KhGTA

also listed as P 265 GH

Chemical composition, mechanical and physical property values, and 9 standard designations from 2 regions.

| OTHER DESIGNATIONS | PROPERTY VALUES |
|--------------------|-----------------|
| 9 in 2 regions     | 0 on file       |

| Chemical composition                                         | Mass fraction in % |
|--------------------------------------------------------------|--------------------|
| No chemical composition is on file for this material number. |                    |

| Predicted transformation temperatures                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|
| Not enough recorded composition to predict a transformation temperature for this grade — missing: C, Mn, Si, Ni, Cr, Mo. |

| Mechanical properties | 2 values across 1 conditions |         |
|-----------------------|------------------------------|---------|
| CONDITION · DIMENSION | RM<br>N/mm <sup>2</sup>      | HB      |
| Casting, GOST 7769-82 | 350                          | —       |
| GOST 7769-82          | —                            | 400–450 |

| Designations across standards |                       |      | 9 designations · 1 documented as identical |  |    |
|-------------------------------|-----------------------|------|--------------------------------------------|--|----|
| Russia / CIS                  |                       | 8    | United Kingdom                             |  | 1  |
| 16GNM                         |                       | gost | P 265 GH                                   |  | bs |
| 16GNMA                        |                       | gost |                                            |  |    |
| 16GS-Sh                       |                       | gost |                                            |  |    |
| 16KhGTA                       |                       | gost |                                            |  |    |
| 16KHSN                        |                       | gost |                                            |  |    |
| 16K                           | This grade's own name | gost |                                            |  |    |
| CHKH16                        |                       | gost |                                            |  |    |
| ЭИ274                         |                       | 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 16KhGTA**  
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.**  
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**ISSUED**  
Aug 15, 2026