

MATERIAL NUMBER 1.0865 · CLASS 1.0

1.0865

Chemical composition, mechanical and physical property values, and 2 standard designations from 1 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 2 in 1 regions	PROPERTY VALUES 1 on file
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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.

Physical properties 1 values		
PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards 2 designations · 2 documented as identical		
Europe		2
M 089-27 N	This grade's own name	din-en
M 140-27 S	This grade's own name	din-en

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 1.0865

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

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DATASHEET ONLINE

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MATERIAL NO.

1.0865

ISSUED

Aug 20, 2026