

MATERIAL NUMBER EN-JM1140

EN-JM1140

Chemical composition, mechanical and physical property values, and 13 standard designations from 11 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 13 in 11 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.

Mechanical properties			3 values across 1 conditions
CONDITION · DIMENSION	RM N/mm²	A5 %	HB
Casting, GOST 1215-79	441	7	–
GOST 1215-79	–	–	150–207

Physical properties			1 values
PROPERTY	VALUE	UNIT	
Density	7.85	g/cm³	

Designations across standards				13 designations · 2 documented as identical			
Europe			2	Russia / CIS			2
EN-GJMB-450-6	This grade's own name	din-en		KCH45-7		gost	
GTS-45-06	This grade's own name	din-en		K445-7		gost	

United States	1	Sweden	1
45006	aisi-sae	0854-00	ss
United Kingdom	1	Czechia	1
P45-06	bs	422545	csn
France	1	Poland	1
MN450-6	afnor	Zcp45006	pn
Japan	1	Austria	1
FCMP440	jis	GTS-450	onorm
Italy	1		
P45-06	uni		

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 EN-JM1140
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. EN-JM1140	ISSUED Aug 20, 2026
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