

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 11KHF (11XΦ).

Grade :	11KHF (11XΦ) (11X IX)
Classification :	Alloy tool steel
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Chemical composition in % for grade 11KHF (11XΦ)

C	Si	Mn	Ni	S	P	Cr	V	Cu
1.05 - 1.15	0.1 - 0.4	0.4 - 0.7	max 0.4	max 0.03	max 0.03	0.4 - 0.7	0.15 - 0.3	max 0.3

Temperature of critical points for grade 11KHF (11XΦ).

, Mn = 195

Brinell hardness for 11KHF (11XΦ) (annealing), GOST 5950-2000	HB 10⁻¹ = 229 MPa
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Equivalent steels for grade 11KHF (11XΦ)

Warning! Indicated both exact and nearest equivalents.

Germany	Italy	Spain	Austria
DIN, WNr	UNI	UNE	ONORM
115CrV3	107CrV3KU	120CrV	BOHLERK510

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more than 2500 steels and alloys (stainless steel, alloy steel, carbone steel, structural steel, tool steel, cast iron, aluminum alloy, titanium alloy, copper alloy, nickel alloy, magnesium alloy and others).
Helpfull for specialists in grade technology, structural engineer, mechanical engineer, metallurgy and metal trader

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