

Database of Steel and Alloy (Marochnik)

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[Home](#) [European steel grades](#) [Steel and Alloy](#) [Search](#) [Equivalent grades](#) [Grading](#) [GOST Standard](#) [Contacts](#)

YOU HERE: [Steel and Alloy](#) -> [Tool steel](#)

Characteristics for grade 8KHF (8XΦ).

Grade :	8KHF (8XΦ)
Classification :	Alloy tool steel
Equivalent grades:	Go here

Chemical composition in % for grade 8KHF (8XΦ)

C	Si	Mn	Ni	S	P	Cr	V
0.7 - 0.8	0.1 - 0.4	0.15 - 0.45	max 0.4	max 0.03	max 0.03	0.4 - 0.7	0.15 - 0.3

Temperature of critical points for grade 8KHF (8XΦ).

$A_{c1} = 740$, $A_{c3}(A_{cm}) = 750$, $A_{r1} = 700$, $M_n = 215$
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Brinell hardness for 8KHF (8XΦ) (heat treatment) , GOST 5950-2000	HB 10⁻¹ = 241 MPa
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Equivalent steels for grade 8KHF (8XΦ)

Warning! Indicated both exact and nearest equivalents.

Germany	Bulgaria	Poland	Czechia
DIN, WNr	BDS	PN	CSN
62SiMnCr4 80CrV2 86CrMoV7	8ChF	NCV1	19419

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more then 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

[Top](#)

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