

Database of Steel and Alloy (Marochnik)

splat.kharkov.com/en

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

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

Characteristics for grade 7KHF (7XΦ).

Grade :	7KHF (7XΦ)
Classification :	Alloy tool steel
Equivalent grades:	Go here

Chemical composition in % for grade 7KHF (7XΦ)

C	Si	Mn	Ni	S	P	Cr	V
0.63 - 0.73	0.15 - 0.35	0.3 - 0.6	max 0.035	max 0.03	max 0.03	0.4 - 0.7	0.15 - 0.3

Temperature of critical points for grade 7KHF (7XΦ).

$A_{c1} = 770$, $A_{c3}(A_{cm}) = 780$, $A_{r3}(A_{rcm}) = 740$, $A_{r1} = 710$

Brinell hardness for 7KHF (7XΦ) (annealing) ,	HB 10 ⁻¹ = 229 MPa
---	-------------------------------

Equivalent steels for grade 7KHF (7XΦ)

Warning! Indicated both exact and nearest equivalents.

Germany
DIN, WNr
62SiMnCr4 86CrMoV7

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](#)

© 2003 - 2013 All rights reserved. [About program.](#)

The entire risk as to use of the Database of Steel and Alloy (Marochnik) content is assumed by you the user

