

Database of Steel and Alloy (Marochnik)

splay.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 KH6F4M (X6Φ4M).

Grade :	KH6F4M (X6Φ4M)
Classification :	Die tool steel
Equivalent grades:	Is absent

Chemical composition in % for grade KH6F4M (X6Φ4M)

C	Si	Mn	S	P	Cr	Mo	V
1.7 - 1.85	0.15 - 0.4	0.15 - 0.4	max 0.015	max 0.02	5.7 - 6.5	0.5 - 0.8	3.5 - 4

Temperature of critical points for grade KH6F4M (X6Φ4M).

$Ac_1 = 820$, $Ac_3(Ac_m) = 860$, $Ar_1 = 750$, $Mn = 260$

Brinell hardness for KH6F4M (X6Φ4M) (annealing) ,	HB 10⁻¹ = 241 MPa
--	-------------------------------------

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

