

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 7KHG2VMF (7XГ2BMΦ).

Grade :	7KHG2VMF (7XГ2BMΦ)
Classification :	Die tool steel
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Chemical composition in % for grade 7KHG2VMF (7XГ2BMΦ)

C	Si	Mn	Ni	S	P	Cr	Mo	W	V	Cu
0.68 - 0.76	0.1 - 0.4	1.8 - 2.3	max 0.4	max 0.03	max 0.03	1.5 - 1.8	0.5 - 0.8	0.55 - 0.9	0.1 - 0.25	max 0.3

Temperature of critical points for grade 7KHG2VMF (7XГ2BMΦ).

$A_{c1} = 765$, $A_{c3}(A_{cm}) = 825$, $A_{r3}(A_{rcm}) = 430$, $A_{r1} = 310$, $Mn = 160$

Brinell hardness for 7KHG2VMF (7XГ2BMΦ) (annealing) , GOST 5950-2000

HB 10⁻¹ = 255 MPa

Equivalent steels for grade 7KHG2VMF (7XГ2BMΦ)

Warning! Indicated both exact and nearest equivalents.

USA
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AM6F2

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

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