

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 8KH6NFT (8X6HΦT).

Grade :	8KH6NFT (8X6HΦT) (85X6HΦT)
Classification :	Alloy tool steel
Equivalent grades:	Is absent

Chemical composition in % for grade 8KH6NFT (8X6HΦT)

C	Si	Mn	Ni	S	P	Cr	V	Ti	Cu
0.8 - 0.9	0.1 - 0.4	0.15 - 0.45	0.9 - 1.3	max 0.03	max 0.03	5 - 6	0.3 - 0.5	0.05 - 0.15	max 0.3

Temperature of critical points for grade 8KH6NFT (8X6HΦT).

$Ac_1 = 730$, $Ac_3(Ac_m) = 790$, $Mn = 180$

Brinell hardness for 8KH6NFT (8X6HΦT) (annealing) , GOST 5950-2000	HB 10⁻¹ = 241 MPa
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Database of steels and alloys (Marochnik) contains information about chemical composition and properties more than 2500 steels and alloys (stainless steel, alloy steel, carbon 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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