

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 9KHVG (9XBГ).

Grade :	9KHVG (9XBГ)
Substitute:	XBГ
Classification :	Alloy tool steel
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Chemical composition in % for grade 9KHVG (9XBГ)

C	Si	Mn	Ni	S	P	Cr	W	Cu
0.85 - 0.95	0.1 - 0.4	0.9 - 1.2	max 0.4	max 0.03	max 0.03	0.5 - 0.8	0.5 - 0.8	max 0.3

Temperature of critical points for grade 9KHVG (9XBГ).

$Ac_1 = 750$, $Ac_3(Ac_m) = 900$, $Mn = 205$

Brinell hardness for 9KHVG (9XBГ) (annealing), GOST 5950-2000

HB 10 ⁻¹ = 241 MPa

Equivalent steels for grade 9KHVG (9XBГ)

Warning! Indicated both exact and nearest equivalents.

USA	Germany	Japan	France	England	European	Italy	Spain	Sweden	Poland	Austria
-	DIN,WNr	JIS	AFNOR	BS	EN	UNI	UNE	SS	PN	ONORM
T31501	100MnCrW4	SKS3	90MnWCrV5	BO1	1.2825 95MnWCr5	95MnWVCr5KU	95MnCrW5	2140	NMWW	BOHLERK460

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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