

Database of Steel and Alloy (Marochnik)

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Characteristics for grade R2AM9K5 (P2AM9K5).

Grade :	R2AM9K5 (P2AM9K5)
Classification :	High speed tool steel
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Chemical composition in % for grade R2AM9K5 (P2AM9K5)

C	Si	Mn	Ni	S	P	Cr	Mo	W	V	Co	N	Nb	Cu
1 - 1.1	0.2 - 0.5	0.2 - 0.5	max 0.6	max 0.03	max 0.03	3.8 - 4.4	8 - 9	1.5 - 2	1.7 - 2.1	4.7 - 5.2	0.05 - 0.1	0.1 - 0.3	max 0.25

Brinell hardness for R2AM9K5 (P2AM9K5) (annealing), GOST 19265-73	HB 10 ⁻¹ = 285 MPa
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Equivalent steels for grade R2AM9K5 (P2AM9K5)

Warning! Indicated both exact and nearest equivalents.

USA	Germany	Japan	France	England	Italy	Bulgaria	Hungary	Poland
-	DIN,WNr	JIS	AFNOR	BS	UNI	BDS	MSZ	PN
M30 M47 T11330 T11342 T11347	S2-10-1-8	SKH59	HS2-9-1-8	BM42	HS2-9-1-8	R2M8K5F2	R11	SK8M

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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