

Database of Steel and Alloy (Marochnik)

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[Home](#) [European steel grades](#) [Steel and Alloy](#) [Search](#) [Equivalent grades](#) [Grading](#) [GOST Standard](#) [Contacts](#)

YOU HERE: [Steel and Alloy](#) -> [Cast iron](#)

Characteristics for grade ACHK-2 (A4K-2).

Grade :	ACHK-2 (A4K-2)
Classification :	Antifriction iron castings
Equivalent grades:	Is absent

Chemical composition in % for grade ACHK-2 (A4K-2)

C	Si	Mn	S	P
2.6 - 3	0.8 - 1.3	0.2 - 0.6	max 0.12	max 0.25

Brinell hardness for ACHK-2 (A4K-2) , GOST 1585-85	HB 10 ⁻¹ = 167 - 197 MPa
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Limiting operating condition of the material ACHK-2 (A4K-2)

Load	Speed	Load * Speed	Temperature
MPa	m/s	MPa * m/s	Grade
0.5	5	2.5	
12	1	12	

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](#)

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