

Database of Steel and Alloy (Marochnik)

splat.kharkov.com/en

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

YOU HERE: [Steel and Alloy](#) -> [Aluminium alloy](#)

Characteristics for grade AMST (AMCT).

Grade :	AMST (AMCT)
Classification :	Alluminium antifriction alloys
Equivalent grades:	Is absent

Chemical composition in % for grade AMST (AMCT)

Fe	Si	Mn	Ti	Al	Cu	Zn	Sb	Te	Impurity
max 0.75	max 0.5	max 0.2	0.03 - 0.12	90.03 - 94.64	0.7 - 1.2	max 0.1	4.6 - 6.5	0.03 - 0.3	other 0.3

Comment: **Al** is a basis; the percentage of **Al** is given approximately.

Limiting operating condition of the material AMST (AMCT)

Load	Speed	Load * Speed	Temperature
MPa	m/s	MPa * m/s	Grade
39.2	15		120

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](#)

© 2003 - 2013 All rights reserved. [About program.](#)

The entire risk as to use of the Database of Steel and Alloy (Marochnik) content is assumed by you the user

