

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 03KH19G10N7M2 (03X19Г10H7M2).

Grade :	03KH19G10N7M2 (03X19Г10H7M2)
Classification :	Cryogenic structural steel
Equivalent grades:	Is absent

Chemical composition in % for grade 03KH19G10N7M2 (03X19Г10H7M2)

C	Si	Mn	Ni	S	P	Cr	Mo	N
max 0.03	max 0.8	9 - 11	6.5 - 7.5	max 0.025	max 0.035	18.5 - 20.5	2 - 2.5	0.3 - 0.4

Technological properties for grade 03KH19G10N7M2 (03X19Г10H7M2)

Weldability:	without limitations.
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Specification :

Weldability :

- without limitations** - welding is done without heating and subsequent heat treating
- limited weldability** - welding is possible under heating up to 100-120 grade and subsequent heat treating
- hard weldability** - obtaining the quality welding needs the additional operations: heating up to 200-300 grade; the heat treating in annealing

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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