GH4033

1. Brief introduction:

GH4033 is a Ni-Cr-based precipitation hardening superalloy, which is formed by adding aluminum and titanium to form a precipitation strengthening phase，its working temperature is under 700℃。

This alloy has been used in the manufacture of aero-engine turbine blades, turbine disks and other high temperature bearing components.

2. Main specifications:

Chinese	Russia
GH4033	ЭЙ437Б，ХН77ТЮР

3. Chemical composition under GB/T 14992-2005 standard:

Grade	chemical composition,%													
	Ni	Cr	C	Si	Mn	S	P	Fe	Ti	Ce	Al	B	Bi	Ag
GH4033	Remainder	19-22	0.03-0.08	≤0.65	≤0.4	≤0.007	≤0.015	≤1.0	2.4-2.8	≤0.02	0.6-1.0	≤0.01	≤0.0001	≤0.0005

Remarks：If require adjustments for some chemical compositions, pls consult with us.

4. GH4033 source URL:

https://www.hitealloy.com/product/gh4033.html