



3J21

1. Brief introduction:

3J21 is a unique cobalt based elastic alloy with excellent elastic properties, high-temperature stability, and good forging performance. Widely used in aviation, aerospace, chemical and other fields, it is an important material in the field of materials science.

The 3J21 alloy also exhibits excellent fatigue life, high hardness, excellent wear resistance, and low notch sensitivity. It is worth mentioning that it can maintain stability and perform well even at working temperatures as high as 400-500 °C.

2. Chemical composition under ASTM F1058 standard:

Grade	chemical composition,%				
	Co	Cr	Ni	Mo	Mn
3J21	39	19	14	6	1.5
	41	21	16	8	2.5
C	Be	Fe	Si	P	S
		Rest			
0.15	0.01	Bal.	1.2	0.015	0.015

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

3. Main product types:

wire,rod, bar,strip.

4. 3J21 Source URL:

<https://www.hitealloy.com/product/3j21.html>