



## Ron Nickel Cobalt Alloy ASTM F15 Kovar Round Bar 4j29 Feni Rods Gh33 Gh2136 Nickel Base Special Steel Alloy Round Bar

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001Product Name
- Model Number: Kovar 4J29
- Minimum Order Quantity: 5 Kg
- Price: 10 - 499 kilograms \$30.00
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton,coil wire or strip wire put into wooden case
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



### Product Specification

- Product Name: Kovar Bar
- Material: Nickel Base Alloy
- Ni (Min): 35%
- Resistance ( $\mu\Omega.m$ ): Stable
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq$  MPa): 690
- Elongation ( $\geq$  %): 35%
- Application: Aerospace Industry,Chemical Industry,Marine Industry
- Chemical Composition: Fe ,Ni ,Co ,Al, Si ,Mn Etc.
- Size: Customized Size
- Highlight: Kovar Alloy Steel Rods, Kovar Alloy Round Bar



### More Images



### Product Description

Kovar Bar also offers excellent dimensional stability. It is able to maintain small dimensional changes under temperature fluctuations, so it is widely used in fields such as high-precision instruments, astronomical equipment, and precision machinery. Kovar Bar maintains a dimensional match with other components, reducing material stress and mismatch issues caused by thermal expansion, ensuring device accuracy and stable performance.

In addition, Kovar Bar has good processability and weldability. It can be hot or cold worked into rods of various diameters and lengths to meet the needs of different applications. At the same time, Kovar Bar can also be easily welded with other materials to achieve reliable connections. This makes Kovar Bar more flexible during the manufacturing process and able to adapt to complex packaging and connection requirements.

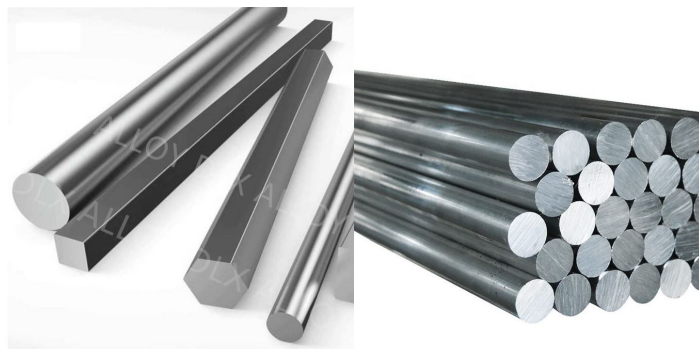
Our Product Introduction

Alloy Type	Trade Name	UNS No.	Specifications	Forms Of Supply			
				Rod	Strip		Wire
Ni29Co17	Kovar	K94610	ASTM F15	√	√		√
FeNi36	Invar 36	K93603	ASTM 1684	√	√		
FeNi32Co5	Super Invar 32-5	KI93500	ASTMF1684	√	√		
FeNi27Co25	Ceramvar	F1466	ASTMF1466	√	√		√
FeNi42	Alloy 42	K94100	ASTM F30	√	√		
FeNi46	Alloy 46	K94600	ASTM F30	√	√		
FeNi48	Alloy 48	K94800	ASTMF30	√	√		
FeNi50	Alloy 52	K95050	ASTM F30	√	√		√

Item	1J33	3J01	3J9	4J29	4J32	4J33	4J45		FeNi50
C	≤0.05	≤0.05	0.22-0.26	≤0.03	≤0.05	≤0.03	≤0.05		≤0.05
Mn	≤0.05	≤1.00	1.80-2.20	≤0.5	0.2-0.6	≤0.5	≤0.8		≤0.8
Fe	Rest								
P	≤0.020	≤0.020	≤0.03	≤0.02	≤0.02	≤0.02	≤0.02		≤0.02
S	≤0.020	≤0.020	≤0.020	≤0.02	≤0.02	≤0.02	≤0.02		≤0.02
Si	0.30-0.6	≤0.80	1.30-1.70	≤0.3	≤0.2	≤0.3	≤0.3		≤0.3
Ni	32.8-33.8	34.5-36.5	9.0-10.5	28.5-29.5	31.5-33	28.5-29.5	44.5-45.5		49.5-50.5
Al	1.0-2.0	1.00-1.80	--	--	--	--	≤0.1		≤0.1
Co	--	--	--	16.8-17.8	3.2-4.2	16.8-17.8	-		-
Ti	-	2.70-3.20	-	-	-	-	-		-
Cu	-	--	--	--	≤0.2	0.4-0.8	≤0.2		--
Cr	--	11.5-13.0	19.0-20.5	≤0.2	--	≤0.2	--		--
Mo	--	--	1.60-1.85	≤0.2	--	≤0.2	--		--



Shape	Size(mm)
Wire	0.5-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-180)
Tube	custom made
Plate	custom made



Changzhou Victory Technology Co., Ltd

☎ +8619906119641

✉ [victory@dlx-alloy.com](mailto:victory@dlx-alloy.com)🌐 [victory-alloy.com](http://victory-alloy.com)

