Our Product Introduction

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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

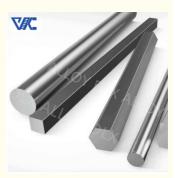
Product Name: Kovar Bar Material: Nickel Base Alloy

Ni (Min): 35%
Resistance (μΩ.m): Stable
Powder Or Not: Not Powder
Ultimate Strength (≥ MPa): 690
Elongation (≥ %): 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 exhibits excellent dimensional stability. It can maintain small dimensional changes when temperature changes, so it is widely used in high-precision equipment and instruments. Kovar Bar maintains a dimensional match with other components, reducing stress and mismatch issues caused by thermal expansion, ensuring device accuracy and stable performance. Kovar Bar also 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 meet complex packaging and connection requirements.

Alloy Type		Trade Name		UNS No.		Specifications		Rod	Strip	Wire
Ni29Co17		Kovar		K94610		ASTM F15		V	V	√
FeNi36		Invar 36		K93603		ASTM 1684		√	√	
FeNi32Co5		Super Invar 32-5		KI93500		ASTMF1684		√	√ V	
FeNi27Co25		Ceramvar		F1466		ASTMF1466		√	√	√
FeNi42		Alloy 42		K94100		ASTM F30		√	V	
FeNi46		Alloy 46		K94600		ASTM F30		√	V	
FeNi48		Alloy 48		K94800		ASTMF30		√	√	
FeNi50		Alloy 52		K95050		ASTM F30		V	√	√
Ite m	1J33	3J01	3J9	3J9			4J32	4J33	4J45	FeNi50
С	≤0.05	≤0.05	0.22- 0.26				≤0.05	≤0.03	≤0.05	≤0.05
Mn	≤0.05	≤1.00	1.80- 2.20				0.2- 0.6	≤0.5	≤0.8	≤0.8
Fe	Rest	·								
Р	≤0.020	≤0.020	≤0.03	≤0.03			≤0.02	≤0.02	≤0.02	≤0.02
S	≤0.020	≤0.020	≤0.02	0	≤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
Со							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		
Мо			1.60- 1.85					≤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









