



4j29 1.3981 Kovar Alloy Steel Rods K94610 Alloy Stainless Steel Bar

Our Product Introduction

for more products please visit us on 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

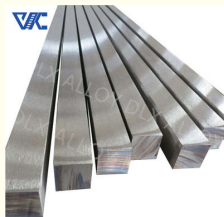
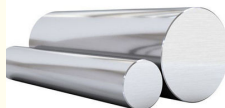


Product Specification

- 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 is a special low thermal expansion alloy bar using the brand Kovar, which has excellent thermal expansion properties and dimensional stability. It is widely used in the electronic packaging industry to match glass materials and reduce stress and mismatch issues. At the same time, Kovar Bar also plays an important role in the fields of high-precision instruments, astronomical equipment and precision machinery. The machinability and weldability of Kovar Bar make the manufacturing process more flexible to meet the needs of different applications. Whether in packaging materials or precision devices, Kovar Bar provides reliable performance and stable dimensional characteristics.

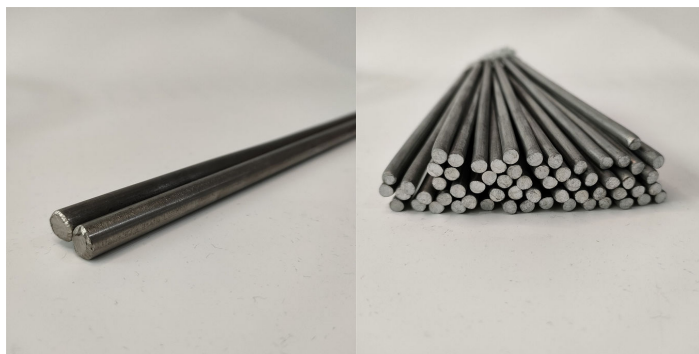
Alloy Type	Trade Name	UNS No.	Specifications	Forms Of Supply		
				Rod	Strip	Wire

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

victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu