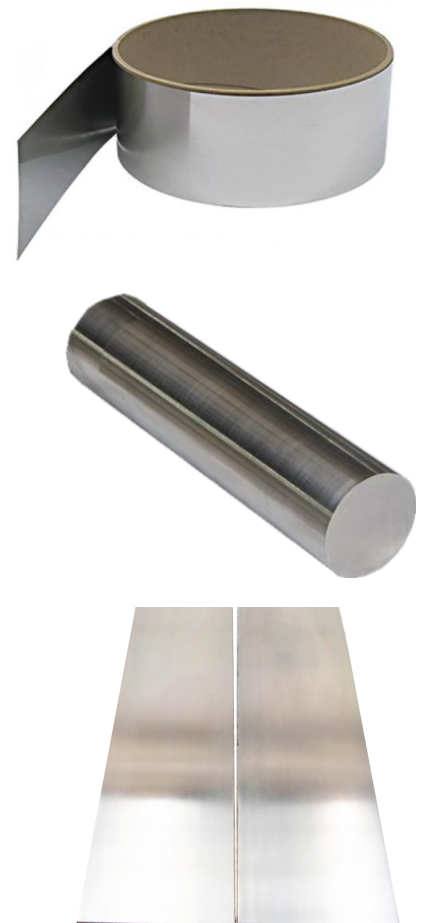




# Forms & Alloy Grades



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## INTRODUCTION

**XI'AN GANGYAN SPECIAL ALLOY CORPORATION (XAGY)**, our factory specialized in manufacturing Nickel alloys & Cobalt alloys for 25+ years, with a company mission to provide a high quality, reliable source for precision alloys, high temperature alloys and stainless steels in both pilot processing and mass production. We are professionally manufacturing materials with unique features, which are then used in aerospace, military, electronics, marine, petroleum and petrochemical industries. Now our company has formally marketed in China's new stock market, stock No. 836660.

Base on “Quality-oriented, Leading Technology, Continuous Improvement, Customer Satisfaction”, we believe XAGY Inc can be your best supplier.

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## Iron-nickel & Iron-Nickel-Cobalt sealing alloys

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Alloy Type	Trade Name	UNS No.	Specifications	Forms			
				Rod	Strip	Wire	Sheet
Ni29Co17	Kovar	K94610	ASTM F15	✓	✓	✓	✓
FeNi36	Invar 36	K93603	ASTM 1684	✓	✓		✓
FeNi32Co5	Super-invar 32-5	K93500	ASTM F1684	✓	✓		✓
FeNi33Co17	Ni33Co17		YB/T5234-94	✓	✓	✓	✓
FeNi27Co25	Ceramvar	F1466	ASTM F1466	✓	✓	✓	✓
Fe28Cr	Alloy 27	K92801	ASTM F256	✓	✓		✓
Fe42Ni6Cr	Alloy 426	K94760	ASTM F31	✓	✓		✓
Fe42Ni	Alloy 42	K94100	ASTM F30	✓	✓		✓
Fe45Ni	Alloy45		YB/5235-2005	✓	✓		✓
Fe46Ni	Alloy46	K94600	ASTM F30	✓	✓		✓
Fe50Ni	Alloy52	K95050	ASTM F30	✓	✓		✓

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## Soft Magnetic-Iron Nickel Alloys

Alloy Type	Trade Name	UNS No.	Specifications	Strip	Sheet	Rod
FeNi50	Alloy 50	K94840	ASTM A753	✓	✓	✓
Ni79Mo4	Permalloy 80	N14080(Mo4)	ASTM A 753	✓	✓	✓
Ni80Mo5	Supermalloy	N14080(Mo5)	ASTM A753	✓	✓	✓

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## Elastic Alloy

Alloy Type	Trade Name	UNS No.	Specifications	Rod	Strip	Sheet	Wire
Co40CrNiMo	Elgiloy /Phynox	R30003	ASTM F1058	✓	✓	✓	✓
Ni42CrTiAl	Ni-Span C902	N09902	ASTM	✓	✓	✓	✓

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## Soft Magnetic - Iron Cobalt Alloys

Alloy Type	Trade Name	UNS No.	Specifications	Rod	Sheet	Strip
Co50V2	Hiperco 50	R30005	ASTM A801	✓	✓	✓
Co27	Hiperco 27	K92650	ASTM A801	✓	✓	✓

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## Iron-Cobalt-Vanadium Alloy (Hystersis Alloys)

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Alloy Type	Trade Name	Specifications	Rod	Sheet	Strip
Co45V4	P6 Alloy	GB/T15018-94	V	V	V
Co52V7	Co50V7	GB/T15018-94	V	V	V
Co52V10	Vicalloy I	GB/T15018-94	V	V	V

## High Temperature Alloys

Trade Name	UNS No.	Specifications	Rod	Strip	Sheet
Inconel 625	N06625	ASTM B446	V	V	V
Inconel 718	N07718	ASTM B637	V	V	V

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