

## Stainless Steel : Alnico 1, Alnico 2, Alnico 3, Alnico 4, Alnico 5

### Price Reporting

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Introduction to Metals

Alloy	Chemical Composition
Alnico 1	<a href="#">Click</a>
Alnico 2	<a href="#">Click</a>
Alnico 3	<a href="#">Click</a>
Alnico 4	<a href="#">Click</a>
Alnico 5	<a href="#">Click</a>

Reporting Duration

March 17, 2025 - March 21, 2025 Alloy Price Analysis including Stainless Steel

## Alnico alloy price changes



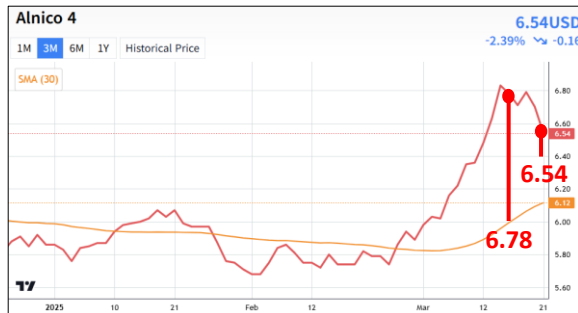
(Alnico 1 price graph, 3 months)



(Alnico 2 price graph, 3 months)



(Alnico 3 price graph, 3 months)



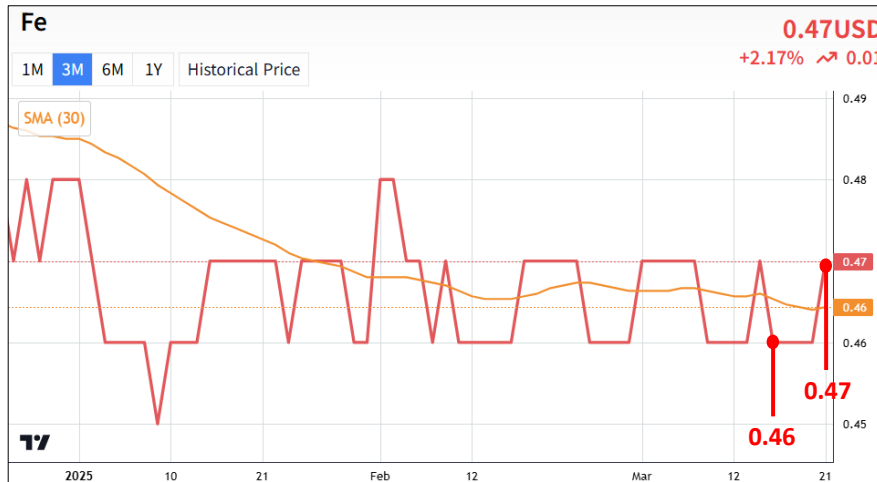
(Alnico 4 price graph, 3 months)



(Alnico 5 price graph, 3 months)

- From March 17, 2025 to March 21, 2025, the price of Alnico alloys decreased.
- Alnico 1 decreased by \$0.21 from \$5.95 to \$5.74 per kg, Alnico 2 decreased by \$0.40 from \$8.42 to \$8.02 per kg, and Alnico 3 decreased by \$0.10 from \$4.97 to \$4.87 per kg. In addition, Alnico 4 decreased by \$0.24 from \$6.78 to \$6.54 per kilogram, and Alnico 5 decreased by \$0.67 from \$11.64 to \$10.97 per kilogram.
- This was primarily due to lower prices for key elements such as aluminum, nickel, and cobalt.

## Rising iron prices and the impact on Alnico alloys



(Fe price graph, 3 months)

- The price of iron, a key element in Alnico alloys, increased slightly by \$0.01, from \$0.46 to \$0.47 per kg.
- This is the result of limited supply due to the EU's extension of steel protection measures and reduced imports. However, the increase in the price of iron had a minimal impact on Alnico alloys.

## Aluminum price drop and its causes



(Al price graph, 3 months)

- Meanwhile, aluminum prices fell by \$0.07, from \$2.72 to \$2.65 per kg.
- This was the result of several factors, including weakening demand, backwardation of the LME aluminum contract, and expectations of increased European aluminum exports.

## Causes and effects of the nickel price drop



<Ni price graph, 3 months>

- The price of nickel decreased by \$0.39, from \$16.31 to \$15.92 per kilogram, due to a slowdown in stainless steel price growth in China, rising inventories, and oversupply.
- The increase in nickel inventories eased supply concerns, which led to lower prices, while rising production costs in Indonesia also contributed to the price decline.

## Causes and market impact of the cobalt price decline



<Co price graph, 3 months>

- Cobalt prices fell by \$2.58, from \$35.88 to \$33.30 per kg, driven by a number of factors, including delayed purchases by Chinese consumers, traders taking profits, and supply uncertainty in the Democratic Republic of Congo.

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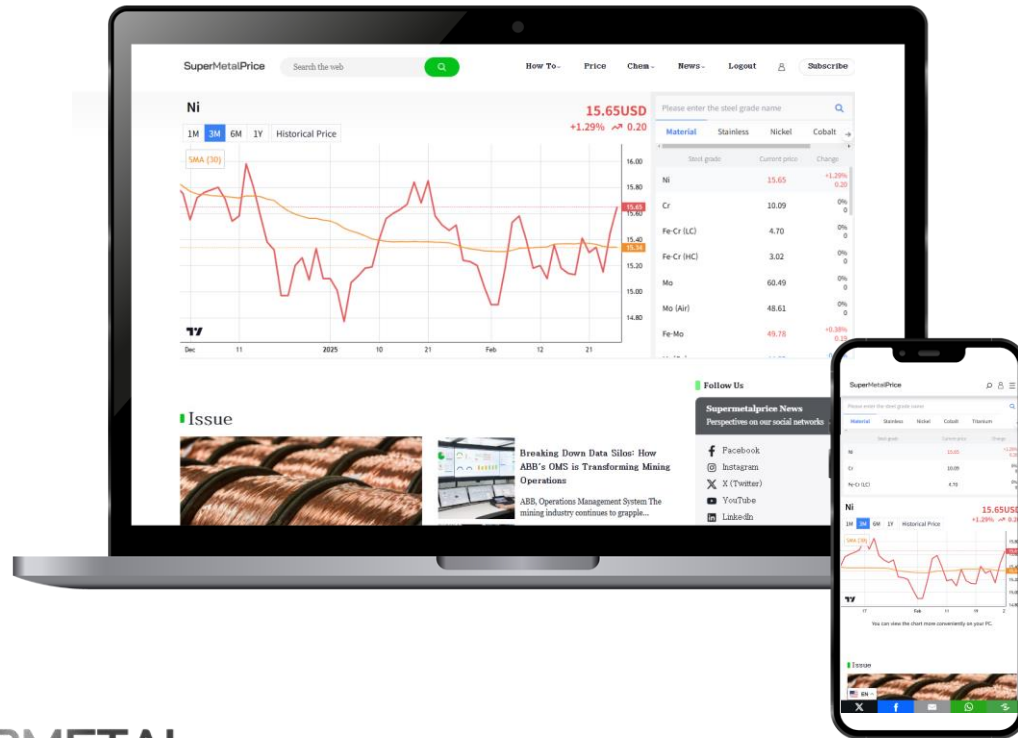
## Outlook for Alnico Alloy Price Fluctuations

- Alnico alloy prices are sensitive to changes in nickel, cobalt and aluminum prices. As nickel, cobalt, and aluminum prices have declined, Alnico alloy prices have been impacted. In particular, Alnico 2 and Alnico 5, which have a higher percentage of nickel and cobalt, are likely to experience downward price pressure. Alnico 1, Alnico 3, and Alnico 4, which have a higher percentage of aluminum, will also be affected by the decline in aluminum prices.
- Going forward, prices for Alnico alloys are expected to be somewhat volatile, depending on the volatility of nickel, cobalt, and aluminum prices. In particular, oversupply concerns and slowing demand are likely to exacerbate price declines. Therefore, in the near term, prices for Alnico alloys are likely to continue their downward trend.

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