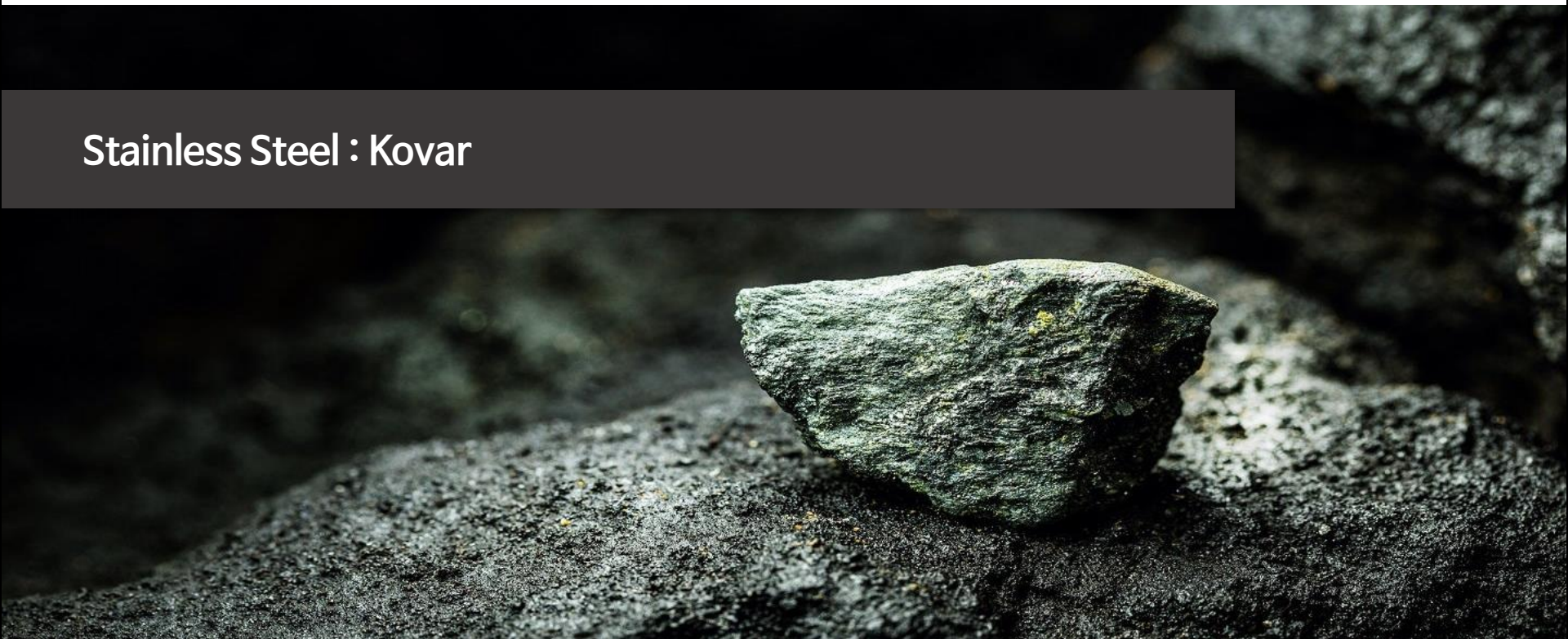


## Stainless Steel : Kovar



## Price Reporting

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## Introduction to Metals

Alloy	Chemical Composition
Kovar	<a href="#">Click</a>

## Reporting Duration

March 10, 2025 - March 14, 2025 Alloy Price Analysis including Stainless Steel

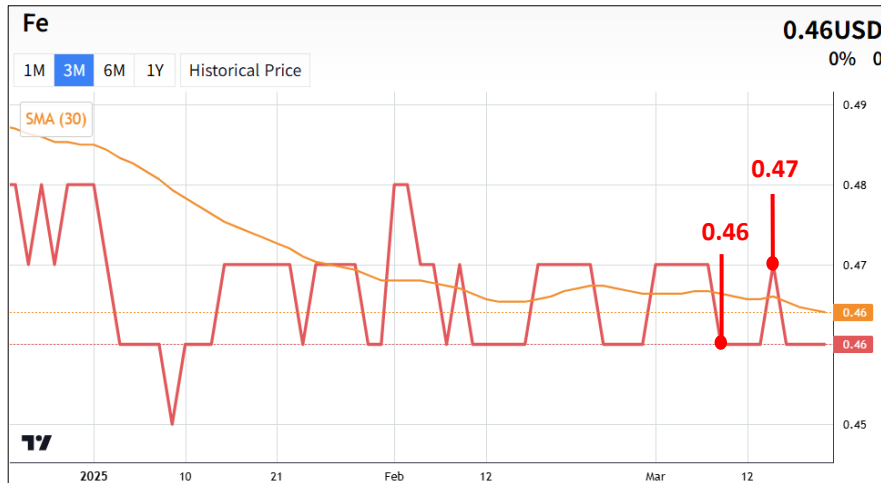
## Kovar Alloy Price Increase: How Key Elements Affect Price Changes



(Kovar price graph, 3 months)

- From March 10, 2025 to March 14, 2025, the price of Kovar alloy increased.
- Kovar went from \$9.55 to \$11.12 per kg, an increase of \$1.57, which was primarily driven by changes in the prices of nickel, iron, and cobalt.

## Despite the rise in iron prices, the impact on Kovar prices is minimal



<Fe price graph, 3 months>

- Iron, a key element in Kovar alloys, recently increased slightly from \$0.46 to \$0.47 per kilogram, but this increase does not appear to have had a significant impact on Kovar prices.
- The steel market remains uncertain, and uncertainties related to US protectionist policies are contributing to price volatility. Price fluctuations in the steel market have intensified following US President Donald Trump's announcement of tariffs on steel.

## Nickel prices rise, volatility increases amid economic uncertainty



<Ni price graph, 3 months>

- The price of nickel has been mixed recently, rising slightly from \$16.42 to \$16.45 per kilogram.
- This is due to economic uncertainty combined with a weaker U.S. dollar. However, nickel prices are difficult to predict and are subject to significant volatility depending on future economic data and global economic conditions.

## The impact of the cobalt price spike



<Co price graph, 3 months>

- Meanwhile, the price of cobalt has risen sharply.
- The suspension of cobalt exports from the Democratic Republic of Congo (DRC) has pushed the price up by \$9.19, from \$26.71 to \$35.90 per kilogram. Since the DRC is a major producer, accounting for over 75% of the world's cobalt supply, the shortage of supply has been a major contributor to the price increase. If the DRC's cobalt export suspension continues, the price increase is likely to continue.

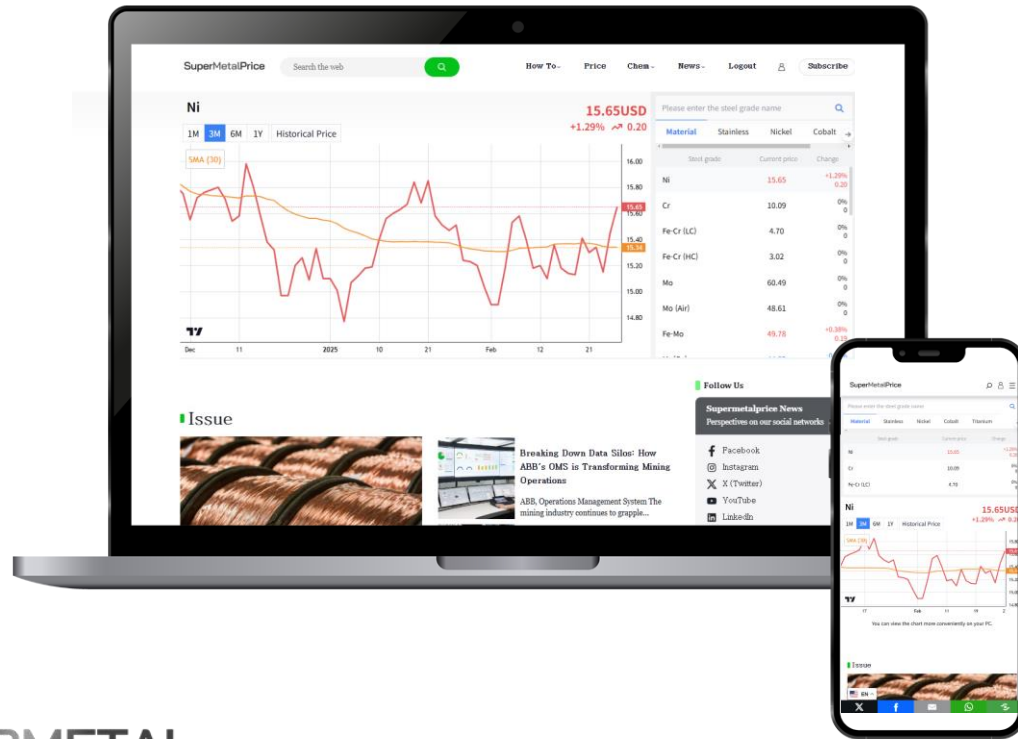
## Future Kovar Alloy Price Outlook

- Kovar alloy prices will be sensitive to price fluctuations in nickel and cobalt. A spike in the price of cobalt is likely to stimulate an increase in the price of Kovar alloy. In addition, volatility in the price of nickel can also affect production costs. A small increase in the price of iron will not have a significant impact on the price of Kovar, but changes in the price of nickel and cobalt will have a significant impact on the price of Kovar alloys.
- Therefore, the price of Kovar alloy is expected to be significantly affected by the price of cobalt and nickel in the future. If cobalt supply shortages persist, Kovar alloy prices are likely to continue to rise.

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