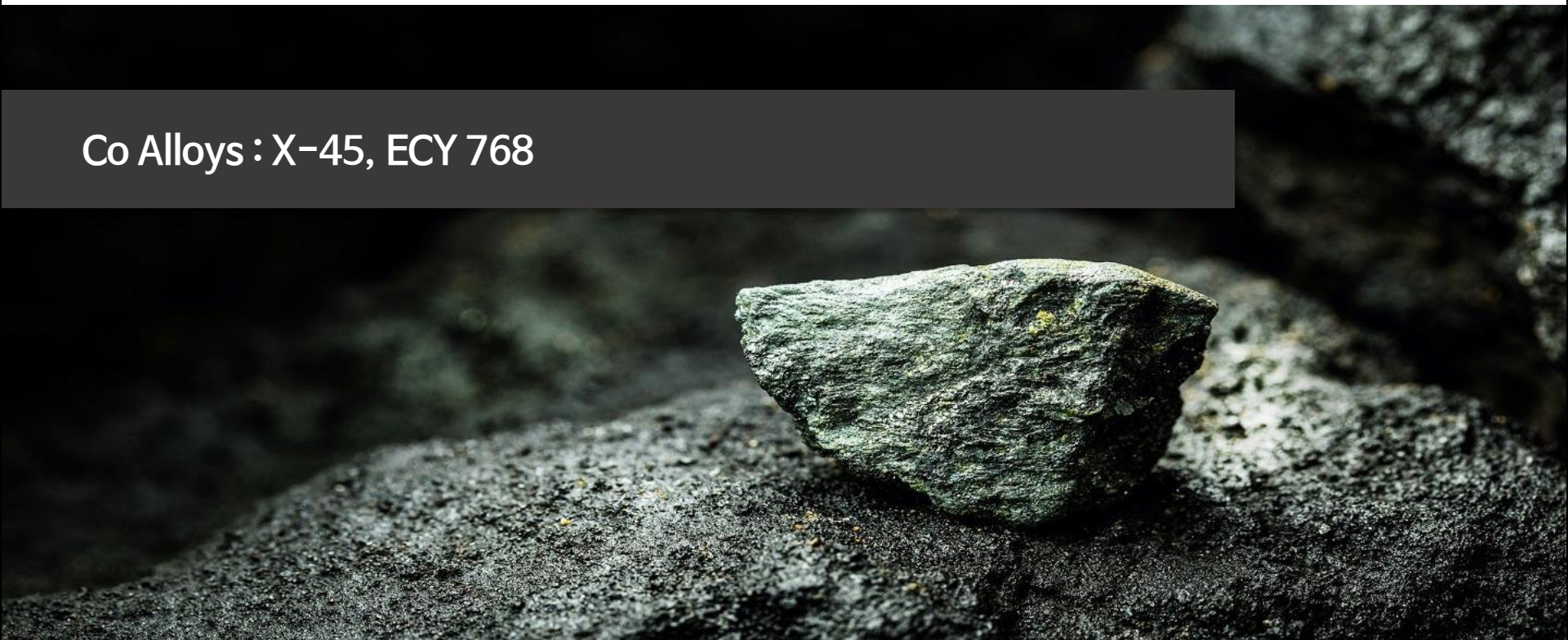


Co Alloys : X-45, ECY 768



Price Reporting

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Introduction to Metals

Alloy	Chemical Composition
X-45	Click
ECY 768	Click

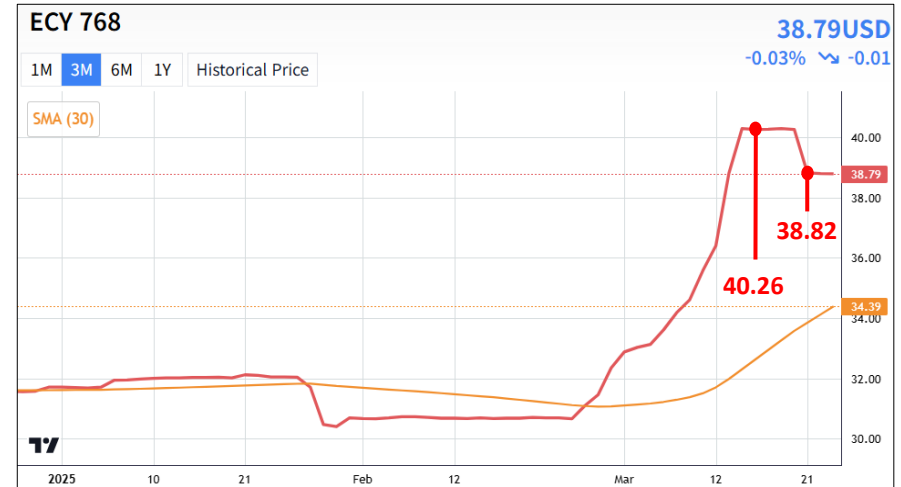
Reporting Duration

March 17, 2025 - March 21, 2025 Alloy Price Analysis including Cobalt Alloys

X-45 and ECY 768 alloy prices fall: Analyzing the Impact of the Cobalt Price Plunge



(X-45 price graph, 3 months)



(ECY 768 price graph, 3 months)

- Between March 17, 2025 and March 21, 2025, the price of X-45 and ECY 768 alloys dropped.
- The price of X-45 dropped by \$1.34, from \$38.66 to \$37.32 per kilogram, and ECY 768 dropped by \$1.44, from \$40.26 to \$38.82 per kilogram.
- The main reason for this price drop is due to a sharp drop in the price of cobalt, the main element in both alloys.

The impact of falling cobalt prices and supply uncertainty



(Co price graph, 3 months)

- Cobalt prices have recently fallen sharply, dropping by \$2.58 from \$35.88 to \$33.30 per kg.
- The main drivers are a slowdown in purchases by Chinese consumers, traders selling off inventories, and the suspension of exports from the Democratic Republic of Congo (DRC). In the Chinese market, demand fell sharply and inventory destocking increased supply, which accelerated the price decline. In addition, the DRC's export suspension and plans to introduce an export quota system in the future added to supply uncertainty, which was a significant factor in driving prices lower.

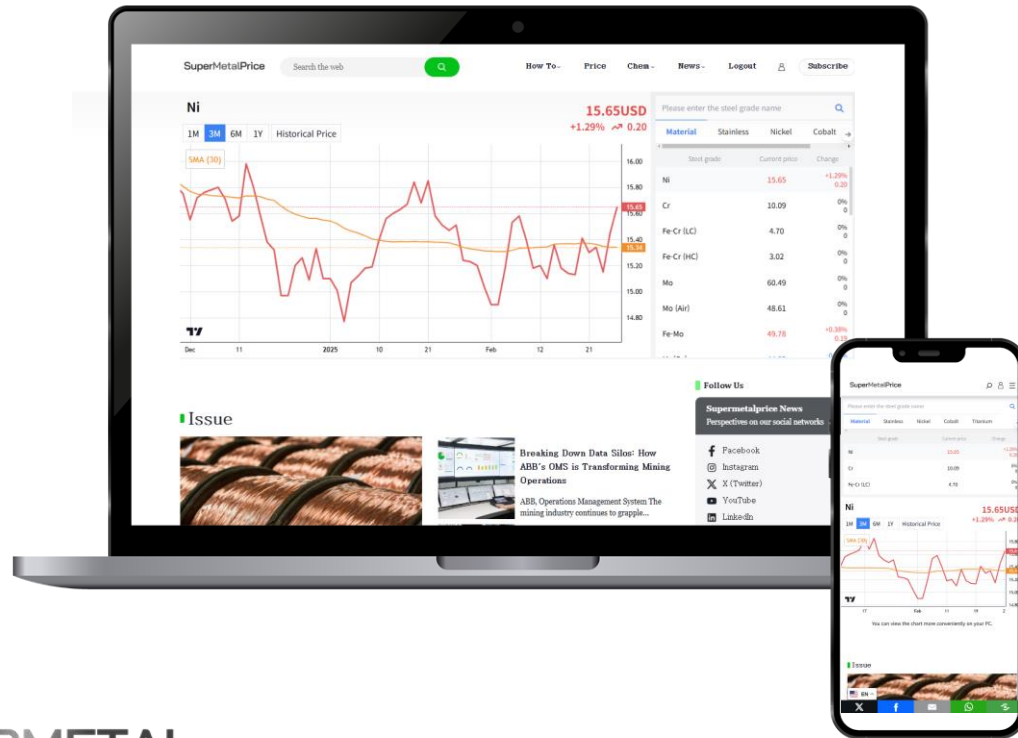
Future price outlook for X-45 and ECY 768 alloys

- The price of X-45 and ECY 768 alloys will continue to be heavily influenced by fluctuations in the price of cobalt, especially if the price of cobalt declines further. At the moment, it is difficult to expect a price rebound due to slowing demand from China and supply uncertainty.
- Therefore, if supply and demand uncertainties persist along with cobalt price volatility in the future, we expect X-45 and ECY 768 alloys to remain highly volatile. The market should continue to listen carefully to cobalt price and alloy price volatility going forward. As long as uncertainty in the cobalt market persists, X-45 and ECY 768 alloy prices are likely to continue their downward trend, and price corrections are likely to continue.

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