

## Ni Alloys : Udimet 500, Udimet 520, Udimet 700, Udimet 710

### Price Reporting

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## Introduction to Metals

Alloy	Chemical Composition
Udimet 500	<a href="#">Click</a>
Udimet 520	<a href="#">Click</a>
Udimet 700	<a href="#">Click</a>
Udimet 710	<a href="#">Click</a>

## Reporting Duration

June 9, 2025 - June 13, 2025 Alloy Price Analysis including Nickel Alloys

## Udimet Alloy Price Trend Analysis: Impact of Lower Nickel Prices



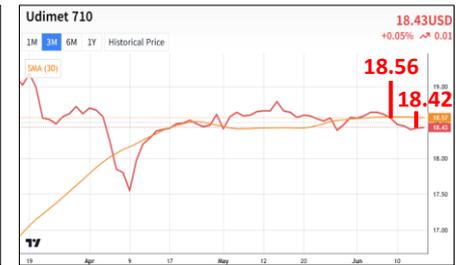
(Udimet 500 price graph, 3 months)



(Udimet 520 price graph, 3 months)



(Udimet 700 price graph, 3 months)



(Udimet 710 price graph, 3 months)

- During the trading week of June 9–13, 2025, prices for Udimet alloys were mixed across the board, ultimately closing slightly lower. Udimet 500 fell from \$18.60 to \$18.44 per kilogram before closing at \$18.46, while Udimet 520 opened at \$19.64 per kilogram before falling to \$19.47 and closing at \$19.49. Udimet 700 started at \$19.52 per kg, fell to \$19.36 per kg, and closed at \$19.38 per kg, and Udimet 710 started at \$18.56 per kg, fell to \$18.40 per kg, and closed at \$18.42 per kg.
- The price decline is primarily attributed to the decline in nickel prices. Nickel is one of the main raw materials for Udimet alloy, and the decline in nickel prices is believed to have exerted direct downward pressure on Udimet alloy prices. Meanwhile, additive elements such as chromium and molybdenum did not have a significant impact on the price trend. In addition, despite the slight increase in the price of cobalt, the overall trend of the commodity market led to a decline in the price of Udimet alloys.

## Nickel Prices Fall Amid Expectations of Stable Supply – Trade Uncertainty Remains a Key Variable



<Ni price graph, 3 months>

- During the second week of June 2025 (June 9–13), nickel prices closed the weekly trading session on the London Metal Exchange (LME) on a weaker note. On June 9, nickel opened at \$15.24 per kg, before falling to \$14.94 on the 12th, before rebounding slightly on the 13th to close at \$14.97. This continued the bearish trend, down \$0.27 on a weekly basis.
- The main reason for the price decline was the expectation of supply-side stability.

- In particular, the Philippine government's amendment to the country's mineral law, which removed a ban on the export of unprocessed nickel ore, removed supply uncertainty in the Southeast Asian region. This has led to a positive response to deregulation moves in major nickel producers, raising expectations of improved supply in the medium to long term. In addition, the possibility of adjusting demand for imported ore substitution has helped stabilize prices, despite a stronger premium for Indonesian nickel.
- However, global trade uncertainty remains a negative influence on nickel prices. While high-level trade talks between the US and China have failed to make substantial progress, former President Trump's warnings of high tariffs and delays in the rare earth and semiconductor resource agreement have highlighted concerns of a slowdown in overall demand, including for non-ferrous metals. These external factors put additional pressure on the market and kept nickel prices under downward pressure.
- There was a slight rebound on June 13, but this was a result of a combination of dip buying and profit-taking following the sharp drop during the week. Going forward, nickel prices are likely to oscillate between positive supply-side signals and global economic uncertainty. Experts expect nickel prices to continue to fluctuate within a range, and warn that external variables, especially the global trade environment and the US Federal Reserve's interest rate policy, will play an important role in future price volatility.

## Chromium prices, supply constraints and aerospace demand support



<Cr price graph, 3 months>

- During the trading week of June 9 to June 13, 2025, chromium prices remained stable at around \$10.63 per kg, largely as a result of supply constraints in the European market and stable demand from the aerospace industry supporting prices.
- Spot trading in Rotterdam, the main trading hub for chromium, remains at the lower end of the range, which has resulted in chromium prices trading in a relatively confined range. Notably, chromium prices in China have declined slightly, but the price decline has been limited as supply in Europe remains tight.

- Despite the decline in chromium prices in China, the European market has maintained relatively high prices. This is largely due to tight supply in Europe. European chromium continues to sell at the upper end of the trading range, which is different from the oversupply of Chinese chromium. In particular, one trader noted that even though Chinese chromium is valued at less than \$10,500 in Europe, the lack of supply in Europe is the main factor keeping prices firm.
- Chromium prices are expected to remain at current price levels in the near term as demand from the aerospace industry continues to show steady growth this year. Chromium is an essential raw material for the manufacture of aircraft components, and demand from the aerospace industry is an important factor in supporting prices. Stable demand from this industry is also acting as an important cushion to prevent chromium prices from falling. Looking ahead, chromium prices are likely to remain firm at a certain level, supported by tight supply-side conditions and stable demand from the aerospace industry. Although lower prices in the Chinese market may have some impact, tight supply in the European market will offset this and keep prices within a certain range.
- In the future, the chromium market may see significant volatility as it balances supply and demand, with the price differential between Europe and China and the volatility of aerospace demand being particularly important variables.

## Cobalt prices rise slightly ahead of DRC export ban deadline



(Co price graph, 3 months)

- From June 9 to June 13, 2025, cobalt prices rose slightly. During this period, cobalt prices increased by \$0.02/kg, closing at \$32.91/kg. The main price range fluctuated between \$33.74 and \$36.40/kg (Chinese). Non-Chinese chemical and alloy grades also remained stable within the range of \$37.48–39.68/kg and \$41.91–44.09/kg, respectively.
- The higher cobalt prices are attributed to market participants being very cautious ahead of the June 22 deadline for a cobalt export ban from the Democratic Republic of Congo (DRC).

- The DRC is one of the world's largest cobalt producers, and policy changes in the country have significant implications for global cobalt supply. As such, market participants have been bracing for uncertainty ahead of the ban deadline, with some supply disruption concerns driving prices higher.
- A leading trader involved in the market noted that "the market is currently in a state of pause and waiting for the majority of participants to trade," and that supply-side instability has been a major factor in pushing prices up to some extent.
- Chinese cobalt prices were unchanged and remained at \$33.07–36.38/kg, while non-Chinese cobalt prices were stable at \$37.47–39.69/kg, with alloy grades trading within a range of \$41.91–44.09/kg. In the European market, Chinese material was actively traded, with a 10-tonne deal at \$14.80/tonne Rotterdam CIF, but overall warehouse prices remained stable with no significant movement.
- The cobalt market was slightly higher due to caution over supply-side uncertainty ahead of the DRC export ban deadline. Amid lingering concerns about the ban, both Chinese and non-Chinese cobalt continued to trade steadily, with demand for alloy grades also stable. The market remains nervous about the potential for further price volatility following the DRC's policy announcement on June 22.

## Molybdenum prices remain stable due to balanced demand from Asian and European markets



(Mo price graph, 3 months)

- During the trading week of June 9 to June 13, 2025, the price of molybdenum remained unchanged at \$68.06 per kg. The price volatility of molybdenum is influenced by the demand flows for molybdenum oxide and molybdenum complex.

- During this period, the price of molybdenum oxide decreased by \$0.32, from \$47.42 to \$47.10 per kg, but the price of molybdenum did not see a significant change. This is due to the sensitive nature of molybdenum to price fluctuations in molybdenum oxide. However, the factor that has a greater impact on the price of molybdenum is the demand for molybdenum complex. The demand for molybdenum complexes remains stable and plays an important role in supporting the price of molybdenum.
- In particular, steady demand in Asia and Europe has helped stabilize the price of molybdenum. In addition, the decline in molybdenum prices in China has not had a significant impact on the price of molybdenum. Steady purchasing demand from steelmakers has been an important factor in maintaining the stability of the supply chain, which has kept the price of molybdenum stable.
- In conclusion, the price of molybdenum has been stable at \$68.06/kg, which is expected to remain stable with a good balance of supply and demand and less price volatility.

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## Future Udimet Alloy Price Outlook

During the trading week of June 9–13, 2025, the price of Udimet alloy was generally mixed and closed slightly lower. Rather than being influenced by the price of raw materials such as nickel, chromium, cobalt, and molybdenum, the future price of Udimet alloy is likely to be determined by a combination of factors such as market demand, supply chain conditions, and global economic uncertainty. Based on this, let's analyze the price outlook for Udimet alloys.

### **1. Continued market demand and stable supply chain**

Udimet alloys are widely used in major industries for their durability in aerospace and high-temperature environments. Thanks to this characteristic, steady demand from the aerospace industry, energy industry, aircraft engine parts manufacturing, etc. is an important factor supporting the price of Udimet alloys. In particular, if demand from Asia and Europe remains stable, the price of Udimet alloys can remain relatively stable.

With this demand flow, supply chain stability is also an important variable. Since nickel, chromium, cobalt, and molybdenum, which are the main raw materials for Udimet alloys, affect the global supply chain, the price of Udimet alloys is likely to remain relatively constant if there is no disruption in the supply of raw materials. In particular, Udimet 500 and Udimet 710, which are mainly nickel and chromium, may be sensitive to supply chain volatility, while Udimet 520 and Udimet 700 may experience less price volatility due to relatively stable demand.

### **2. Impact of commodity price volatility**

Currently, the prices of Udimet alloys are affected by volatility in the commodity markets, but short-term price fluctuations are expected to be relatively limited. In particular, the decline in the prices of nickel and chromium may put downward pressure on the prices of some Udimet alloys, but given the stable demand, such as in the aerospace industry, the prices of Udimet alloys are more likely to remain stable or increase slightly rather than decline.

As molybdenum is a relatively small component of Udimet alloys, fluctuations in molybdenum prices do not have a significant impact on alloy prices. Nevertheless, volatility in molybdenum prices may affect alloys with a higher molybdenum content, such as Udimet 700 and Udimet 520, which may lead to slight price fluctuations.

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## Future Udimet Alloy Price Outlook

### 3. Global economic uncertainty and trade unrest

Because Udimet alloys are traded in global markets, trade uncertainty or political factors can have a significant impact on prices. In particular, in the event of a U.S.-China trade conflict or global supply chain issues, the price of Udimet alloys may be affected in the short term. As these external factors can be a major contributor to price volatility, the price of Udimet alloys is likely to experience temporary fluctuations.

Therefore, the price of Udimet alloys is likely to be sensitive to global economic and trade conditions, and negotiations between the United States and China and the recovery of the global economy will be important factors in determining the medium- to long-term trend of alloy prices.

### 4. future price outlook

The price of Udimet alloy is expected to remain stable in the short term. However, as external factors such as global economic uncertainty and trade instability can cause price volatility, future Udimet alloy prices will be influenced by the balance of supply and demand.

- Likely to increase slightly: In particular, Udimet 520 and Udimet 700 may see an increase depending on the relative stability of chromium and cobalt prices.

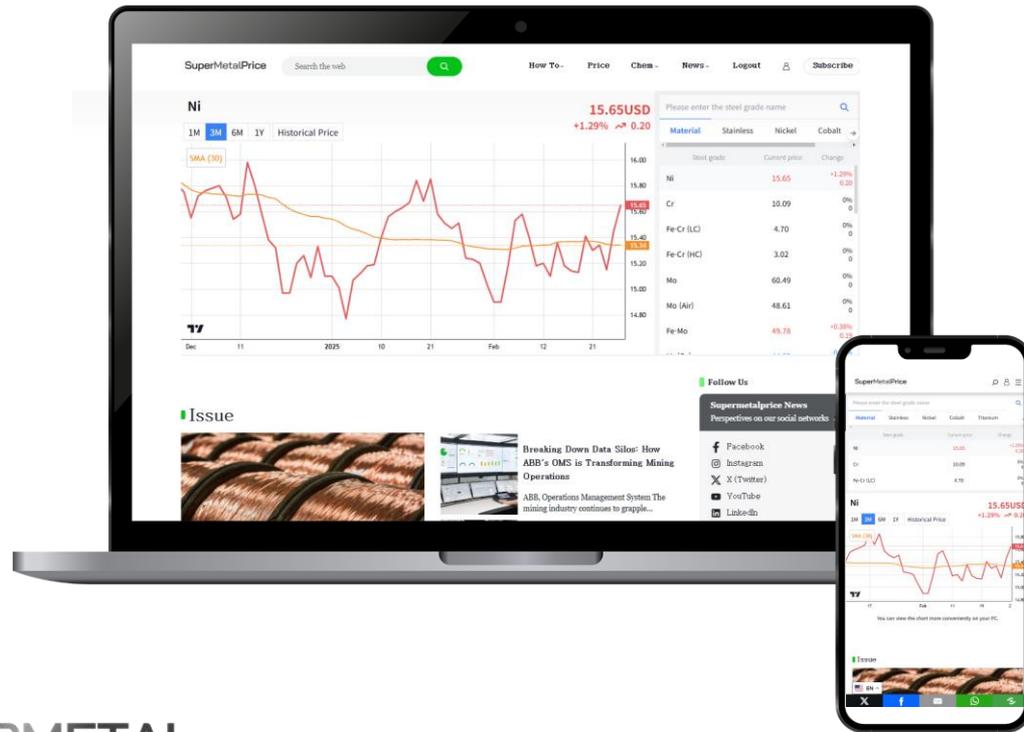
- Slight downside potential: Udimet 500 and Udimet 710 may be sensitive to lower nickel prices, so near-term price volatility is likely to be slightly lower.

In conclusion, prices for Udimet alloys are likely to remain stable in the coming months, but may fluctuate slightly depending on the global economic and trade environment. In particular, stable demand flows from the aerospace industry and supply chain stability will be important factors supporting alloy prices.

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