

**NIPPON KINZOKU that Contributes to the Realization of
Carbon Neutral with Rolling Technology
Exhibits at "Highly-functional Metal Expo"**

**~Exhibition of High-performance Magnesium Alloy Rolled Materials and
Stainless Steel~**

NIPPON KINZOKU CO., LTD. (TOKYO: 5491, Headquarters: Minato-ku, Tokyo) has announced that our high-performance magnesium alloy rolled materials and stainless steel will be exhibited at the "10th METAL JAPAN Highly-functional Metal Expo", which will be held at Makuhari Messe from October 4th (Wednesday) to October 6th (Friday), 2023.

At the Japan Magnesium Association's booth, we will be exhibiting various application examples using high-performance magnesium alloy rolled materials and stainless steel.

1. Magnesium alloy

- ① New ZA series magnesium alloy rolled material with high room temperature formability and thermal conductivity and its prototype example
- ② Copper-added magnesium alloys for anodes of magnesium alloy secondary batteries expected as post lithium ion batteries
- ③ Prototypes for transportation equipment, examples of adoption in mobile devices

Magnesium alloy product overview

Magnesium alloys are the lightest of practical metals, and are also strong as metals. Taking advantage of the properties of magnesium alloys, we have achieved weight reduction in various products such as personal computers, smartphones, and medical equipment.

URL: <https://www.nipponkinzoku.co.jp/en/magnesium-alloy-catalog>

2. Stainless steel

- ① FineBlack finish with a metallic feel and deep black (black decorative stainless steel)
- ② L·Core and L·Core II finishes achieve low contact resistance despite being made of stainless steel.

Stainless steel product overview

Our uniquely designed equipment, which has accumulated more than 80 years of cold rolling know-how, and our proprietary technology, which is at the top of the industry, will meet the needs of our customers.

URL: <https://www.nipponkinzoku.co.jp/en/stainless-steel-catalog>

Exhibition overview

"10th METAL JAPAN Highly-functional Metal Expo" is a specialized exhibition that brings together high-performance alloys, metal 3D printers, and more.

Date and time: Oct. 4 (Wed) – 6 (Fri), 2023 10:00-18:00 (Ends at 17:00 on the last day only)

Venue: Makuhari Messe (Japan Magnesium Association Booth: Hall 6 41-46)

Address: 2-1, Nakase, Mihama-ku, Chiba-city, Japan 261-8550

Access: Approx. 5 minutes on foot from Kaihimmakuhari Station on the JR Keiyō Line
(approx. 30 minutes on the rapid train from Tōkyō Station)

Approx. 17 minutes by bus for Makuhari Messe Chuo from Makuharihongō Station on the JR Sōbu Line or Keisei Line

Official site: <https://www.material-expo.jp/hub/en-gb/exhibit/metal.html>

Admission fee: Free (To visit, you will need to pre-register on the website above.)

Note: This document has been translated from a part of the Japanese original for reference purposes only. In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.

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Sales Development Dept.

Nippon Kinzoku Co., Ltd.

<https://www.nipponkinzoku.co.jp/en/inquiry>