

## NIPPON KINZOKU Exhibits at “STAINLESS STEEL WORLD ASIA 2024”

2024-09-03

TOKYO--(BUSINESS WIRE)-- NIPPON KINZOKU CO., LTD. (TOKYO: 5491, Headquarters: Minato-ku, Tokyo) and Tokyo Stainless Grinding Co., Ltd. (Headquarters: Sumida-ku, Tokyo) will jointly participate in STAINLESS STEEL WORLD ASIA 2024, an exhibition to be held at Singapore EXPO in Singapore from September 11 (Wed) to 12 (Thu), 2024.

We will exhibit our carbon neutral products such as high-performance stainless steel, high-precision tubes, profile rolled products (Fine Profile), and rolled magnesium alloy materials, along with examples of their applications.

(Graphic: Business Wire)

### • Exhibit Details

#### 1. Stainless steel

##### (1) Wide width foil

The foil rolling mill can make the sheet thickness  $\pm 1.0 \mu\text{m}$  of the tolerance. Maximum width 620 mm can be provided.

##### (2) Core finish

It is a product that achieved low electric contact resistance with stainless steel.

##### (3) FI finish

It is high surface insulation resistance and high film heat resistance.

##### (4) Medical stainless steel

It is compliant with the cobalt regulation (Co: 0.1% or less) in the European Medical Devices Regulation (MDR).

#### 2. New magnesium alloy (ZA10)

ZA10 is enhanced cold formability for magnesium alloys, which generally require warm forming. We have also confirmed that this alloy exhibits heat conduction equivalent to that of aluminum alloys, and can improve productivity by supplying materials in coils.

#### 3. Ultra-thin electrical steel strips

We are the only one manufacturer of the ultra-thin electrical steel strips with the thickness less than 0.10mm in Japan.

#### 4. “Fine Pipe” with high-precision inner surface

Among our high-precision pipes (fine pipes), they are pipes with improved inner surface for small-diameter capillary piping. Ra 0.5μm or less is possible with an inner diameter of 0.5mm or more.

#### 5. Fine Profile (profile rolled product)

By our shape control and highly rigid frame deformed rolling equipment which realize high precision for Fine Profile. Fine Profile is an eco-product that can reduce cutting loss by switching from cutting.

- Exhibition Outline

STAINLESS STEEL WORLD ASIA 2024 is an exhibition of cutting-edge material technologies from around the world.

Date: September 11 (Wed.) - 12 (Thu.), 2024

Venue: Singapore EXPO, Hall 6 F52-25

Address: 1 Expo Drive, #02-01, Singapore 486150

Exhibition Official Website: <https://stainless-steel-world-asia.com/>

Venue Official Website: <https://www.singaporeexpo.com.sg>

- Website of us and our group companies

NIPPON KINZOKU CO., LTD.: <https://www.nipponkinzoku.co.jp/en/>

NIPPON KINZOKU (THAILAND) CO., LTD.: [https://www.fact-link.com/mem\\_content.php?pl=th&mem=00003164&page=00013873](https://www.fact-link.com/mem_content.php?pl=th&mem=00003164&page=00013873)

NIPPON KINZOKU (MALAYSIA) SDN.BHD.: <https://www.malaysiabrand.com.my/website/kinzoku/>

Click here for the full text.

<https://www.nipponkinzoku.co.jp/assets/images/2024/09/NIPPON-KINZOKU-Exhibit-at-STAINLESS-STEEL-WORLD-ASIA-2024.pdf>

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