

# Lubricants for the Food Processing Industry

## H-1 Food Grade Lubricant

IKO H-1 Food Grade Lubricant is NSF registered and FDA certified which ensures that they are produced and delivered with the hygienic standard. We also offer H-1 Food Grade Lubricant as C-Lube—Maintenance free specification—for our Linear Ways and Bearings.



# Corrosion Resistance

## Stainless Steel

IKO offers stainless steel specification. For applications which incur routine wash down, Stainless Steel is more suitable and last longer than carbon steel.

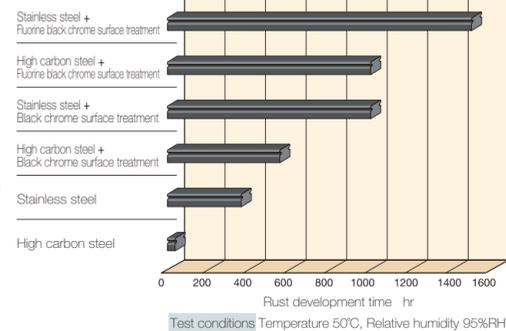
## Fluorine Black Chrome Surface Treatment

A fluorinated resin coating over the black chrome treatment helps prevent foreign substances from sticking and improves corrosion resistance.

## Black Chrome Surface Treatment

This surface treatment improves corrosion resistance.

Corrosion resistance comparison based on humidity cabinet test



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ISO 9001 & 14001 Quality system registration certificate

<http://www.ikont.co.jp/eg/>



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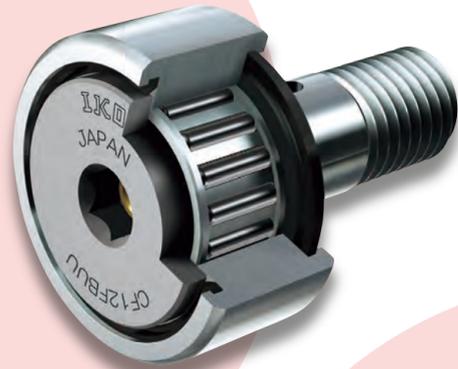
# Cam Followers

IKO manufactures a wide range of Cam Followers designed to fit the needs of our customers.

C-Lube, one of IKO's innovative technologies, achieves long-term maintenance free operation by filling the inner cavity of the bearing with a cutting-edge thermosetting solid lubricant.

IKO's thrust disk type facilitates thrust loads resulting from issues such as mounting errors.

IKO offers numerous inch as well as metric dimensional sizes and types.



# Linear Ways

As you may well know, Japan is a leader in linear motion technology.

IKO ball types are designed so the two rows of balls will make four points of contact with the raceways. This allows for stable accuracy and rigidity even in applications with fluctuating directional or complex loads. This know-how leads IKO to develop "Linear Roller Way Super X", the highly acclaimed super rigid Linear Way with rollers instead of balls. IKO's lineup in both ball and roller types includes stainless steel and C-Lube maintenance free technology as standard products.

Please visit the IKO website for more information and additional specifications.



# Positioning Table "TE" Series

In the productivity-driven packaging industry, there are many possible solutions to reduce downtime. IKO's TE high accuracy positioning table is one of the solutions. TE's high strength aluminium alloy body structure reduces both cost and weight. Furthermore, the TE comes standard with IKO's C-lube maintenance free technology.

NEMA motor attachment is available.



# Food Processing

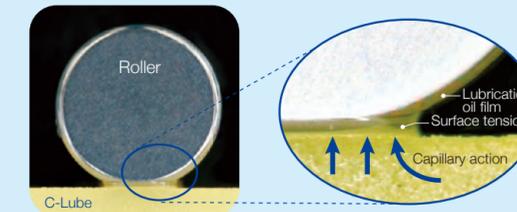


C-Lube is IKO's original solid lubricant impregnated with a large amount of lubrication oil, allowing machines to endure running over 20,000 km without oil feeding, with lubrication oil in the C-Lube only.

In this way, maintenance free is achieved until the end of device life.

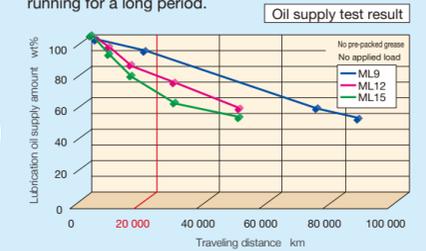
## Structure

Lubrication oil is continuously supplied to the surface of rolling elements by surface tension in the contact of C-Lube surface and rolling elements.



## Eco-friendly

With C-Lube lubrication oil, the consumption of lubrication oil is reduced and lubrication performance is maintained even when running for a long period.



# Packaging

## Linear Bushings

The stainless steel type is well suited for equipment that does not allow rust prevention oil to be used and/or incur routine wash-down. Bearings on food processing machines often need replacement due to corrosion from the wash-downs. Stainless steel inhibits corrosion making them a more affordable choice than other linear motion bearings.



## Pillo Ball / Rod Ends

IKO's maintenance free type is suitable for cases where fixed directional loads are applied. They are ideally suited for food processing machines where oil must be avoided.



## L-Balls

The superior wear resistance assures stable accuracy for long periods of time and easy-maintenance. These are widely used in link mechanisms in automobile, farm and packaging machines.

