#### NIPPON THOMPSON CO., LTD. (JAPAN)

Head Office: 19-19, Takanawa 2-chome, Minato-ku, Tokyo, 108-8586, Japan

+81 (0)3-3448-5850 +81 (0)3-3447-7637 Fax E-mail ntt@ikonet.co.ip

URL : https://www.ikont.co.jp/eg/ : Gifu, Kamakura

## IKO INTERNATIONAL. INC. (U.S.A.)

: +1-973-402-0441

eco@ikonet.co.ip

#### East Coast Operations (Sales Head Office)

91 Walsh Drive, Parsippany, NJ, 07054,

U.S.A. : +1-973-402-0254 : +1-800-922-0337

#### Midwest Operations

101 Mark Street, Unit-G, Wood Dale, IL, 60191,

U.S.A. Phone : +1-630-766-6464

Toll Free : +1-800-323-6694 +1-630-766-6869 : mwo@ikonet.co.ip

#### Minnesota Sales Office

1500 McAndrews Road West, Suite 210. Burnsville, MN, 55337

: +1-952-892-8415

U.S.A. Phone

Toll Free : +1-800-323-6694 : +1-952-892-1722 Fax E-mail : mwo@ikonet.co.jp West Coast Operations

#### 9830 Norwalk Boulevard, Suite 198

Santa Fe Springs, CA, 90670, U.S.A. Phone : +1-562-941-1019

: +1-800-252-3665 : +1-562-941-4027 : wco@ikonet.co.ip

# Silicon Valley Sales Office

1500 Wyatt Drive, Suite 10. Santa Clara, CA, 95054

U.S.A.

Phone : +1-408-492-0240 Toll Free : +1-800-252-3665 Fax : +1-408-492-0245 : wco@ikonet.co.jp E-mail

#### **IKO** website



https://www.ikont.co.ip/ea/

#### Southeast Operations

3235 Satellite Boulevard Building 400, Suite 230

U.S.A. Phone : +1-770-418-1904 Toll Free : +1-800-874-6445 Fax : +1-770-418-9403 E-mail : seo@ikonet.co.ip

# Southwest Operations

8105 N. Beltline Road, Suite 130, Irving, TX, 75063,

U.S.A. Phone

Toll Free : +1-800-295-7886 : +1-972-915-0060 E-mail : swo@ikonet.co.jp

#### IKO THOMPSON BEARINGS CANADA, INC.(CANADA)

731-2425, Matheson Boulevard East, 7th floor, Mississauga, Ontario, L4W 5K4, Canada : +1-905-361-2872

: +1-972-929-1515

: +1-905-361-6401 : itc@ikonet.co.jp

#### IKO BRASIL SERVICOS EMPRESARIAIS EIRELI (BRAZIL)

Rua Frei Caneca 1407,

Condominio Edificio Barão de Monte Cedro Cjs. 801/802, Consolação, São Paulo-SP

Cep: 01307-909

: +55 (0)11-2366-3033 Phone : itb@ikonet.co.jp

#### NIPPON THOMPSON EUROPE B.V. (EUROPE)

#### The Netherlands (Sales Head Office)

Keersopstraat 35. 3044 EX, Rotterdam,

The Netherlands Phone

: +31 (0)10-462 68 68 E-mail : nte@ikonet.co.jp

#### Germany Branch

Mündelheimer Weg 54, 40472 Düsseldorf. Germany

: +49 (0)211-41 40 61 +49 (0)211-42 76 93 : ntd@ikonet.co.jp

#### Regensburg Sales Office

Im Gewerbepark D 30, 93059 Regensburg,

Products page

+49 (0)941-20 60 70 Phone : +49 (0)941-20 60 719 : ntdr@iko-nt.de E-mail

# https://www.ikont.co.jp/eg/product/index.html

CAT-2958E 2020.09



ISO 9001 & 14001 Quality system registration certificate NIPPON THOMPSON CO., LTD.

# • The specifications and dimensions of products in this catalog are subject to change without prior notice, • When these products are exported, the

exporter should confirm a forwarding country and a use, and, in case of falling under the customer's requirements, take necessary procedures such as export permission application. • Although all data in this catalog has been carefully compiled to make the information as complete as possible. NIPPON THOMPSON CO., LTD, shall not be liable for any damages whatsoever, direct or indirect, based upon any information in this catalog. NIPPON THOMPSON CO., LTD. makes no warranty, either express or impiled, including the impiled warranty of merchantability or fitness for a particular purpose, • Reproduction and conversion without permission are prohibited

#### Shanghai (Sales Head Office)

1608-10, MetroPlaza No.555, LouShanGuan Road, ChangNing District, Shanghai, People's Republic of China, 200051 : +86 (0)21-3250-5525

#### 2 Vincent Avenue, Crownhill, Milton Keynes, Bucks, MK8 0AB,

United Kinadom Phone : +44 (0)1908-566144 Fax : +44 (0)1908-565458

Neunkirchen Sales Office

Gruben Str. 95c.

Germany

Phone

Fax

E-mail

U.K. Branch

66540 Neunkirchen

E-mail Spain Branch

Autovia Madrid-Barcelona, Km. 43,700 Polig. Ind. AIDA - Nove A-8, Ofic. 2-1<sup>a</sup>

: +49 (0)6821-99 98 60

: ntdn@iko-nt.de

: sales@iko.co.uk

: +49 (0)6821-99 98 626

19200-Azugueca de Henares. (Guadalajara) Spain

: +34 949-26 33 90 : +34 949-26 31 13 E-mail : nts@ikonet.co.jp

France Branch Bâtiment le Raphaël-Paris, Nord 2.

22 avenue des Nations BP54394 Villepinte 95943 ROISSY C.D.G Cedex

France Phone

: +33 (0)1-48 16 57 39 : +33 (0)1-48 16 57 46 : ntf@ikont.eu E-mail

#### IKO THOMPSON ASIA CO., LTD. (THAILAND)

1-7 Zuellig House, 3rd Floor, Silom Road, Silom, Bangrak, Bangkok 10500, Thailand : +66 (0)2-637-5115 Phone : +66 (0)2-637-5116

#### : ita@ikonet.co.jp IKO THOMPSON KOREA CO.,LTD. (KOREA)

201, Worldvision Bldg., 77-1, Yeouinaru-ro, Yeongdeungpo-gu, Seoul, Korea : +82 (0)2-6337-5851

+82 (0)2-6337-5852 itk@ikonet.co.jp

# IKO-THOMPSON (SHANGHAI) LTD. (CHINA)

Fax : +86 (0)21-3250-5526 : ntc@ikonet.co.jp

#### Beijing Branch

Room1506, Jingtai Tower, NO.24, Jianguomenwai Avenue, Chaoyang District, Beijing People's Republic of China, 100022 : +86 (0)10-6515-7681 : +86 (0)10-6515-7689

: ntc@ikonet.co.ip

#### Guangzhou Branch

E-mail

Room 834, Garden Tower, Garden Hotel 368 Huanshi East Road, Yuexiu District, Guangzhou. Guangdong

People's Republic of China, 510064 : +86 (0)20-8384-0797 : +86 (0)20-8381-2863 : ntc@ikonet.co.jp E-mail

Wuhan Branch Room 2300, Truroll Plaza No.72, Wusheng Road,

Qiao kou District, Wuhan, Hubei, People's Republic of China, 430033 : +86 (0)27-8556-1610 : +86 (0)27-8556-1630 E-mail : ntc@ikonet.co.jp

#### Shenzhen Branch

Room1808, KEENSTAR Building 18. Chuangye 2nd Rd 248, Bao'an, Shenzhen, Guangdong

People's Republic of China, 518081

: +86 (0)755-2265-0553 : +86 (0)755-2298-0665 : ntc@ikonet.co.jp E-mail

#### Ningbo Office

Room 3406, Zhongnongxin Building, No.181 Zhongshan East Road, Haishu Ward, Ningbo

People's Republic of China, 315000 : +86 (0)574-8718-9535 : +86 (0)574-8718-9533 : ntc@ikonet.co.ip

#### Qingdao Office Room 1111, Building 9, Qingdao Science and Technology City, No. 7 Wuyang Road,

North District, Qingdao City, Shandong People's Republic of China, 266045 : +86 (0)532-8670-2246 +86 (0)532-8670-2242 ntc@ikonet.co.jp

## Shenyang Office

2-1203 Tower I. City Plaza Shenyang NO.206 Nanjing North Street, Heping District, Shenyang People's Republic of China, 110001 : +86 (0)24-2334-2662

+86 (0)24-2334-2442 ntc@ikonet.co.jp





# for Food Processing Machines

**Durable Motion Products** 



# **IKU** quality products are maintenance-free and safe for food and beverage production lines.

Increase food machine reliability with high quality, maintenance-free products.



Machined Type Needle Roller Bearings Cam Followers Roller Followers Crossed Roller Bearings



Linear Motion Rolling Guides



Cam Followers

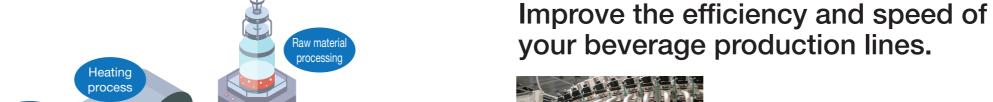
Machined Type Needle Roller Bearings Linear Motion Rolling Guides



Cam Followers Roller Followers Precision Positioning Table



Precision Positioning Table Linear Motor Table





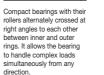
Machined Type Needle Roller Bearings Shell Type Needle Roller Bearings Cam Followers



Cam Followers Roller Followers Linear Motion Rolling Guides Linear Ball Spline









# positioning table made of aluminum alloy with an optical

linear encoder built in and with AC linear servomotor incorporated between a moving table and bed. The advanced servo technology achieves high



Cap Labele

Rolling Guides Linear Ball Spline **Precision Positioning Table** Linear Motor Table

Cam Followers Roller Followers

Crossed Roller Bearings

Linear Motion Rolling

Linear Ball Spline









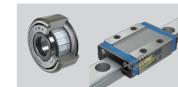








# A line up of products with specifications that are ideal for food and beverage machines



#### Maintenance-Free C-Lube Products for Food Machinery

Our maintenance-free C-Lube technology utilizes a solid-type lubricant. It can be paired with NSF H1-certified lubrication oil and resin to comply with FDA standards and can safely be used with confidence in various food machinery applications.

Black chrome surface treatment

Black chrome surface treatment on the

rolling guide improves rust prevention

track rail and slide unit of the linear motion

performance. They are optimal for use in

areas with rust-prone atmospheres and

when rust prevention oil is not preferred



Stainless Steel Products

IKO offers a wide range of stainless steel products as standard. They are optimal for use in applications where oil and rust revention oil are not preferred



# Options for High Temperature Environment

The end seals, end plates and grease o the linear motion rolling guide can be replaced with special products that can be used in high temperature environments.

### All IKO products are built with advanced technology and the highest quality



a low sectional height and large load ratings. The outer ring has high rigidity and can easily be used even for light alloy

ompact linear motion

rolling guide with a minimum

stable accuracy despite the

weight. Maintenance free

specifications are available

rail width of 1 mm. Assures

Linear Way E Series

general-purpose linear

available in a variety of

motion rolling guide

apes and sizes

specifications are

aintenance free

available as standard.

The outer ring is made of carburized and guenched thin special steel plates, making it the smallest, lightest and most compact needle bearing in terms of sectional height.



# Bearings that have a stud in which

needle rollers are incorporated in a thick walled outer ring. Since the studs already have threads, they are easy to mount. They are widely used as follower bearings for cam mechanisms and for linear motion purposes.

Linear Ball Spline G Series

A compact linear motion rolling

guide in which an external

cylinder makes linear motion

along the spline shaft. Stable

accuracy and rigidity can be

achieved even in applications

where complex loads are applied

Maintenance free specifications



#### needle rollers are incorporated in a thick walled outer ring. They are widely used as guide rollers for cam mechanisms and for linear motion purposes.

Bearings designed for outer

Roller Followers

ring rotation in which

#### Precision Positioning Table TE Light weight and compact positioning able with high-strength aluminum lloy used for the main components. utilizes a ball screw and also has

# our maintenance-free C-Lube component built into the linear motion rolling guide which provides long-term, maintenance-free

# static stability and speed stability

