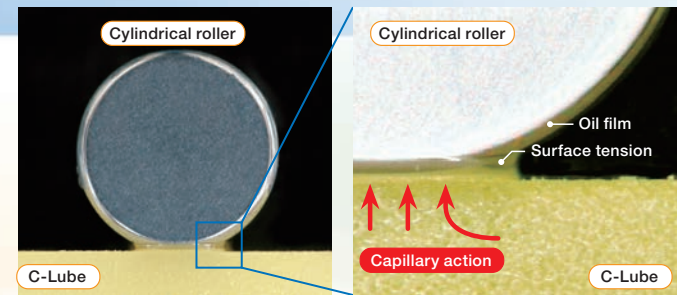


IKO Technology

High Quality, High Performance products manufactured by **IKO**
IKO Unique and Innovative Technology:

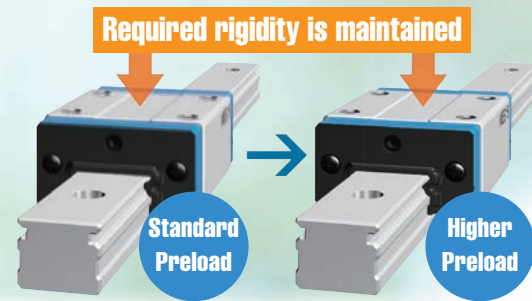
C-Lube Technology

"C-Lube", **IKO's** innovative and unique lubrication system which utilizes the capillary action of the lubricant can significantly reduce the amount of lubricant required and provide effective maintenance free performance. All **IKO** "C-Lube" products impact the environmental minimally and guarantee superior reliability.



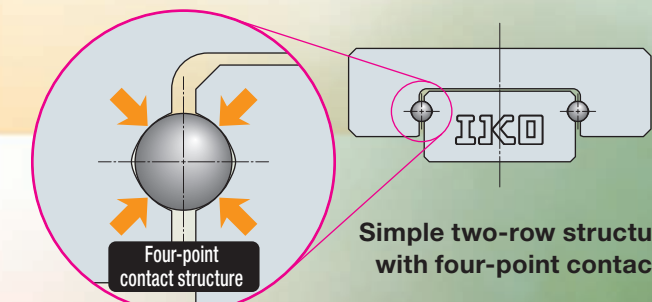
Interchangeability

IKO's unique high precision machining technology and strict dimensional management of slide units and track rails make most linear guides available as interchangeable units. Mixing and matching rails and slide units allow for easy installation and maintenance while maintaining rigidity and accuracy.



Compact Design

Simple structure and proprietary miniature technology result in assemblies with the smallest footprint. Even our extremely small products feature **IKO's** signature high quality and high performance.



Roller Technology

In comparison with ball-type bearings, rollers experience minimal elastic deformation when under load. **IKO** linear rolling guides take advantage of these characteristics and combine smooth operation with high reliability, high rigidity, and high accuracy.

[Roller type] **MXG45** [Ball type] **MHG45**

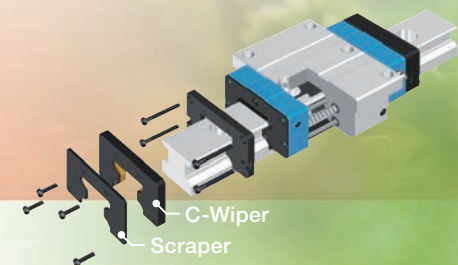
$C = 124\,000\text{ N}$
 $C_0 = 223\,000\text{ N}$

$C = 95\,200\text{ N}$
 $C_0 = 114\,000\text{ N}$

C = Basic dynamic load rating
 C_0 = Basic static load rating

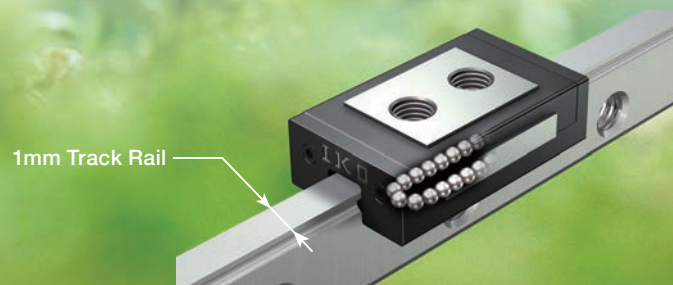
Contamination Protection

IKO offers many options for protection from contamination such as wipers, metallic scrapers, underseals and double seals.



Miniature Linear Ways

IKO Micro linear way combines superior rigidity and accuracy in a miniature package. A wide variety of track rail widths (from as small as 1mm) are available for even the most demanding micro positioning mechanisms.



IKO

Innovation, Know-how & Originality

Configure and Quote Online

www.ikont.com/get-a-quote/

Model	Material	Assembly height (mm)	Width of rail (mm)	Width of carriage (mm)	Basic dynamic load rating (C) (kg)	Basic static load rating (C ₀) (kg)	C-Lube
MXSC 15	High carbon steel	24	15	34	14500	28000	With C-Lube
MXSC 15	High carbon steel	24	15	34	7750	15250	With C-Lube
MXB 15	High carbon steel	24	15	34	11500	23000	With C-Lube
MAB 15	High carbon steel	24	15	47	14500	28000	With C-Lube
MAH 15	High carbon steel	24	15	34	14500	28000	With C-Lube
MXD 15	High carbon steel	28	15	34	14500	28000	With C-Lube
MXSC 15	High carbon steel	28	15	34	7750	15250	With C-Lube
MAD 15	High carbon steel	28	15	34	11500	23000	With C-Lube
MDC 15	High carbon steel	24	18	47	7750	15250	With C-Lube
MA 15	High carbon steel	24	15	47	11500	23000	With C-Lube

2425 Matheson Blvd East,
 Mississauga, ON, L4W 5K4
 Phone: 647-931-3933
 E-mail: itc@ikonet.co.jp

IKO

experts in
MOTION



IKO

Oil Minimum
 IKO Gentle to The Earth

Nippon Thompson Co., Ltd. is proud to be recognized as a leader in sustainability and environmental protection. We are committed to developing products that make our customer's machinery and equipment more reliable, thereby protecting the environment from unnecessary waste.

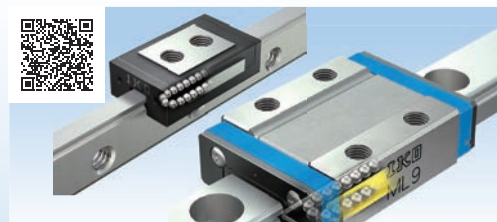
Innovative **IKO** products like "C-Lube" and our ISO14001 certification can be seen as prime examples of our commitment to minimize our impact on the global environment.

IKO Clean Lubrication
C-Lube
 Friendly to Maintenance
 Gentle to the Earth

IKO Products are Eco-friendly

Linear Motion Rolling Guide Series

A broad line-up of Linear Motion Rolling Guides, ranging from 1mm to 85mm in rail size.



ML / LWL
Miniature Type C-Lube Linear Way



MX / LRX
C-Lube Linear Roller Way



MAG / LSAG
C-Lube Linear Ball Spline



CRW(G) / CRWU(G)
Crossed Roller Way



CRWU...R(S)
Crossed Roller Way Unit



CRWM
Module Type Crossed Roller Way



ME / LWL MH / LWH
C-Lube Linear Way



MV
Compact C-Lube Linear Way with High Load Capacity



MUL / LWU
C-Lube Linear Way with U-Shaped Track Rail



BWU
High Rigidity Precision Ball Slide



BSP / BSPG
Precision Linear Slide



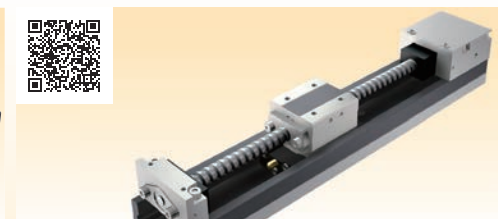
STSI
Miniature Stroke Rotary Bushing

Precision Positioning Table Series

Integrating precision movement with linear motors and encoders to ensure high accuracy positioning.



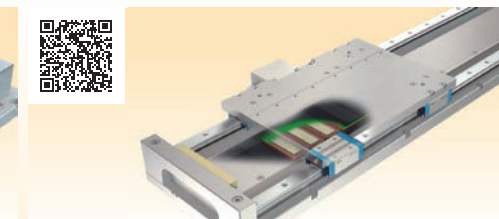
TE
Low Profile Positioning Table



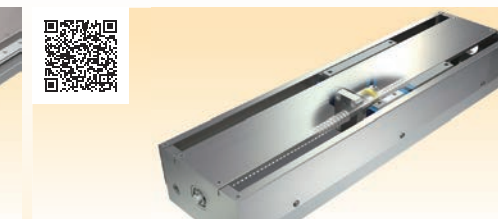
TU
Standard Precision Positioning Table



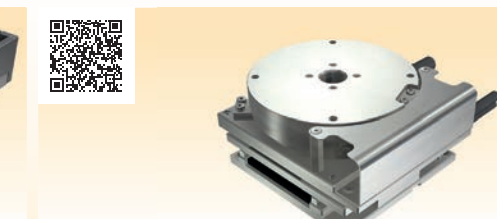
NT
Ultra-compact Linear Motor Table



LT
Long Stroke Linear Motor Table



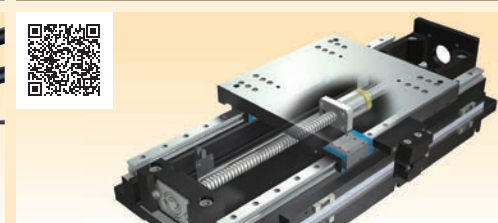
TSL...M
Long Stroke Precision Positioning Table



SA...DE
Linear Motor Rotary Table



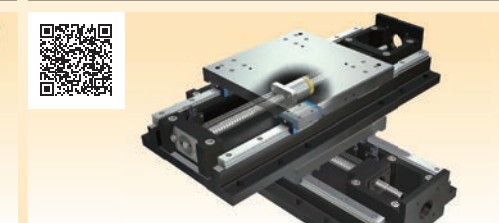
TM
Miniature Table



TX...M
High Rigidity Precision Positioning Table



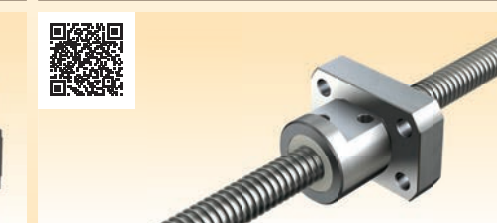
TC...E
Cleanroom Precision Positioning Table



CTLH
High Rigidity X-Y Stage



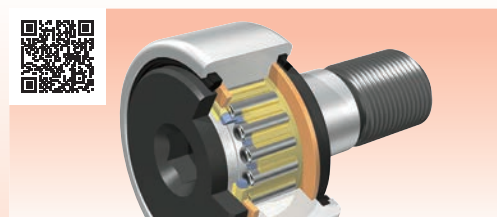
TZ
Precision Elevating Table



Ball Screws
High-Performance Precision Ball Screw

Needle Roller Bearing Series

Needle roller bearings are small and lightweight, with high load capacities that support rotational axes.



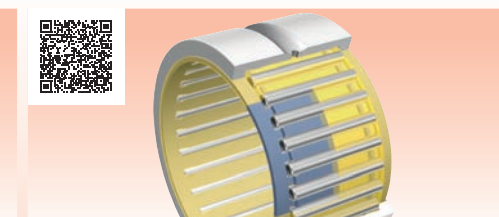
CF...WB.../SG
C-Lube Cam Follower



CF / CFKR
Standard Cam Follower



CRBF
Crossed Roller Bearings with Mounting Holes



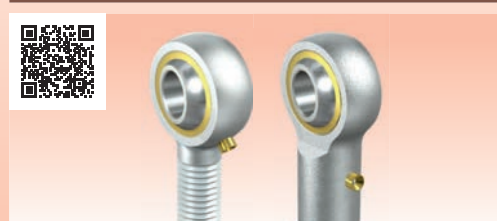
TAF.../SG
C-Lube Bearings



NART
Non-separable Roller Followers



KT
Needle Roller Cages



POS / PHS
Rod End / Pilloball



GE / SBB
Spherical Bushing



CRB / CRBH / CRBS / CRBT
Cross Roller Bearing



TA / BR / RNA
Machined and Shell-type Needle Bearing



NTB
Thrust Needle Roller Bearings



NAX
Combined Type Needle Roller Bearings