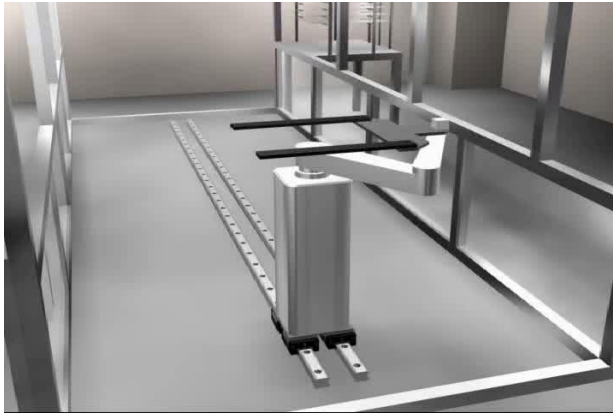


**Welcome to
THK Manufacturing of America, Inc.**



What does THK stand for?

TOUGHNESS
HIGH QUALITY
KNOW-HOW



THK Co., LTD Established: 1971
Tokyo, Japan

LINEAR MOTION SIDE - LM



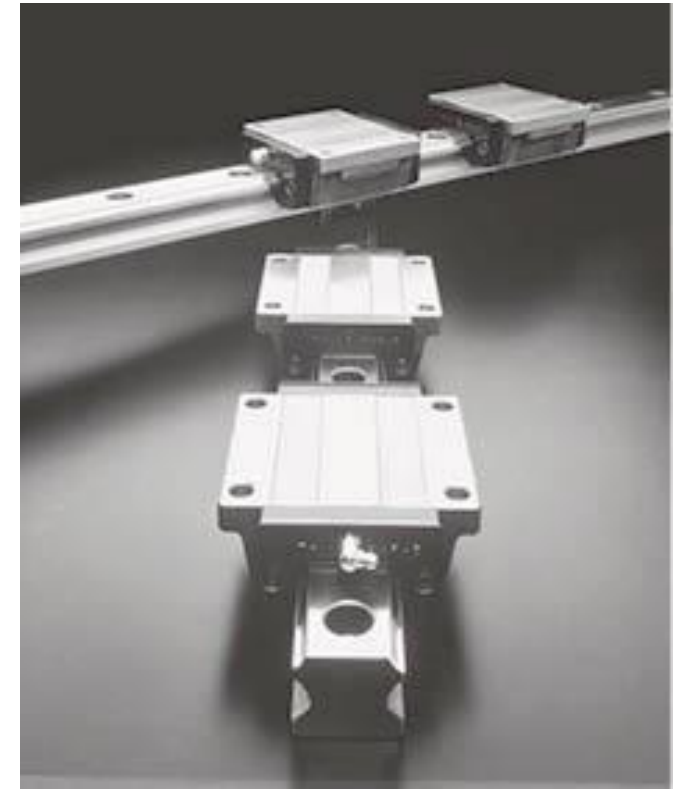
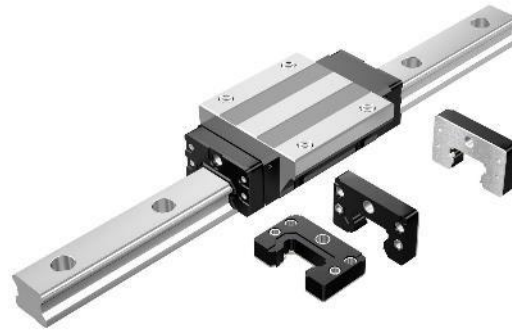
LINK BALL SIDE - LB



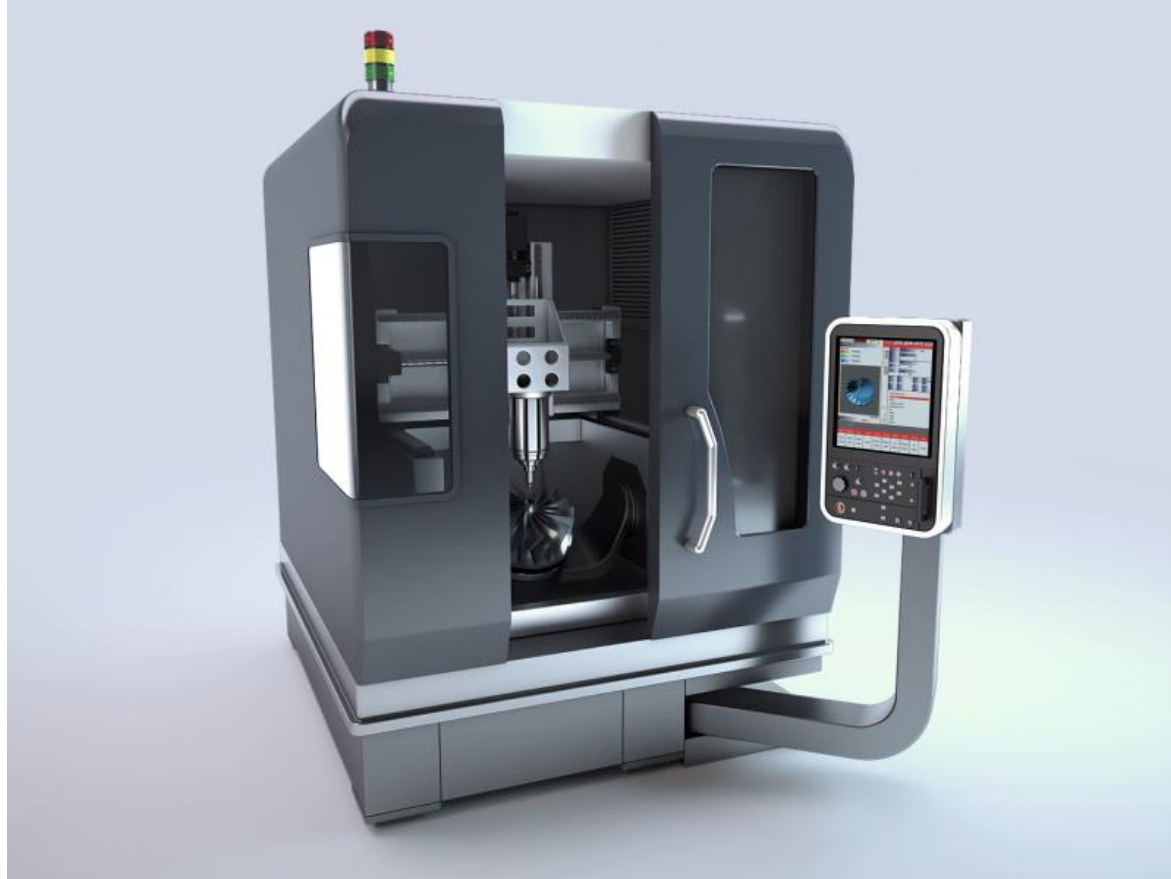
THK Manufacturing of America (TMA)
Established: 1997
Production Began: 1998

Linear Motion Guides:

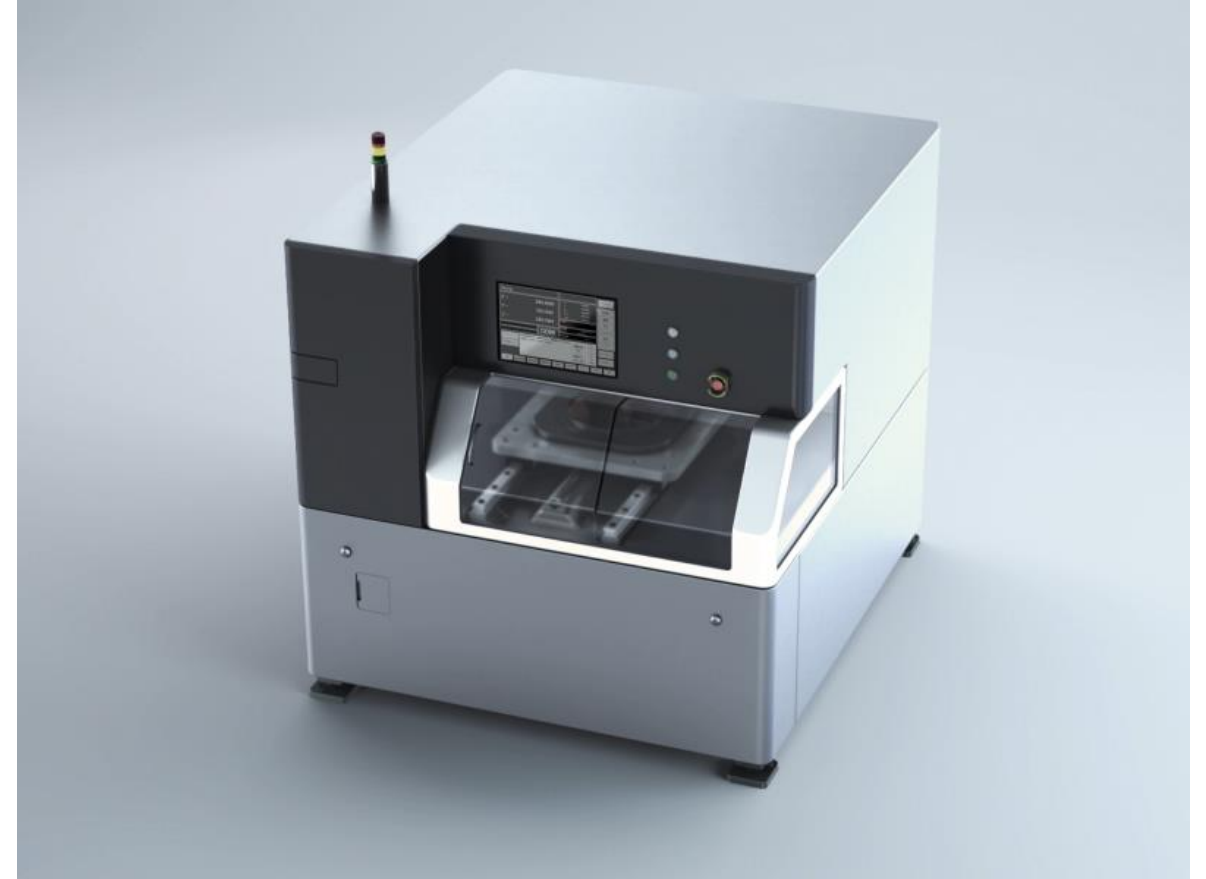
- THK pioneered linear motion products
- Block & Rail
- Use rotary motion to reduce friction
- Smallest LM guide in existence – (.5 mm rail)



LM Guides Application Examples

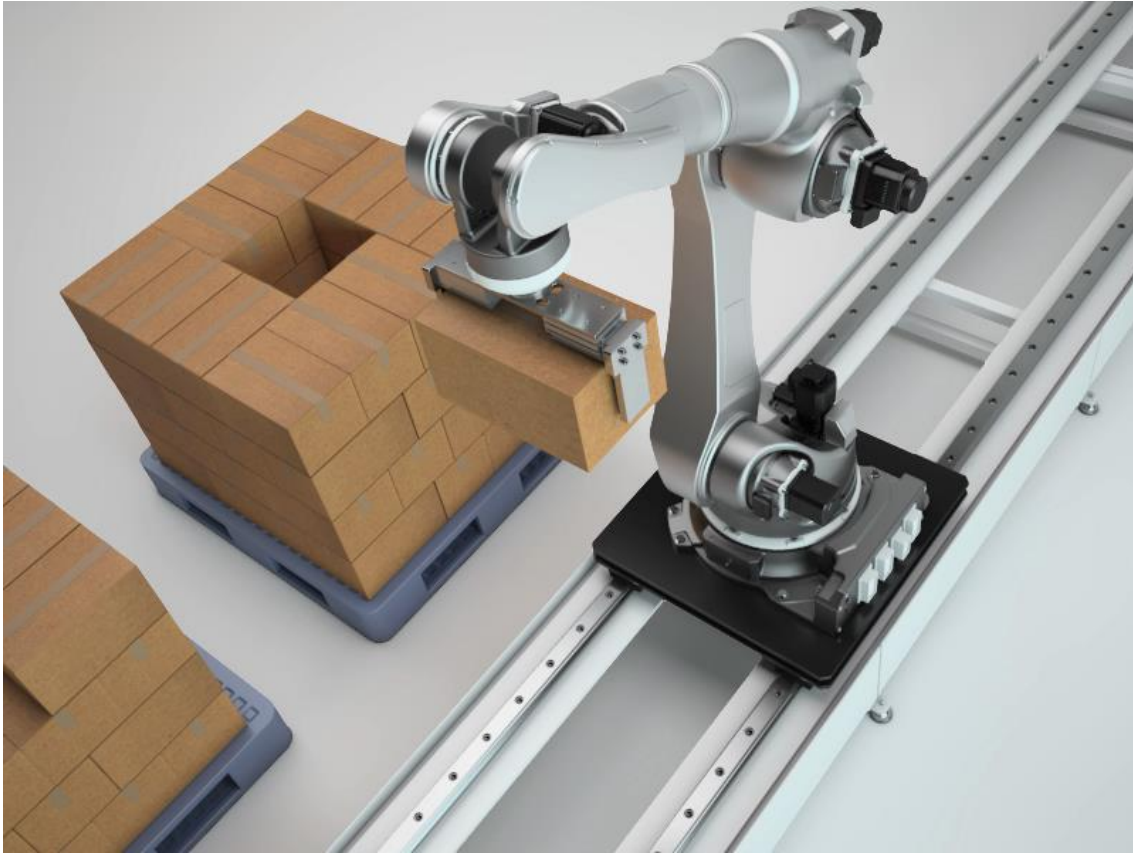


Machine tools



Semiconductor Manufacturing Equipment

LM Guides Application Examples

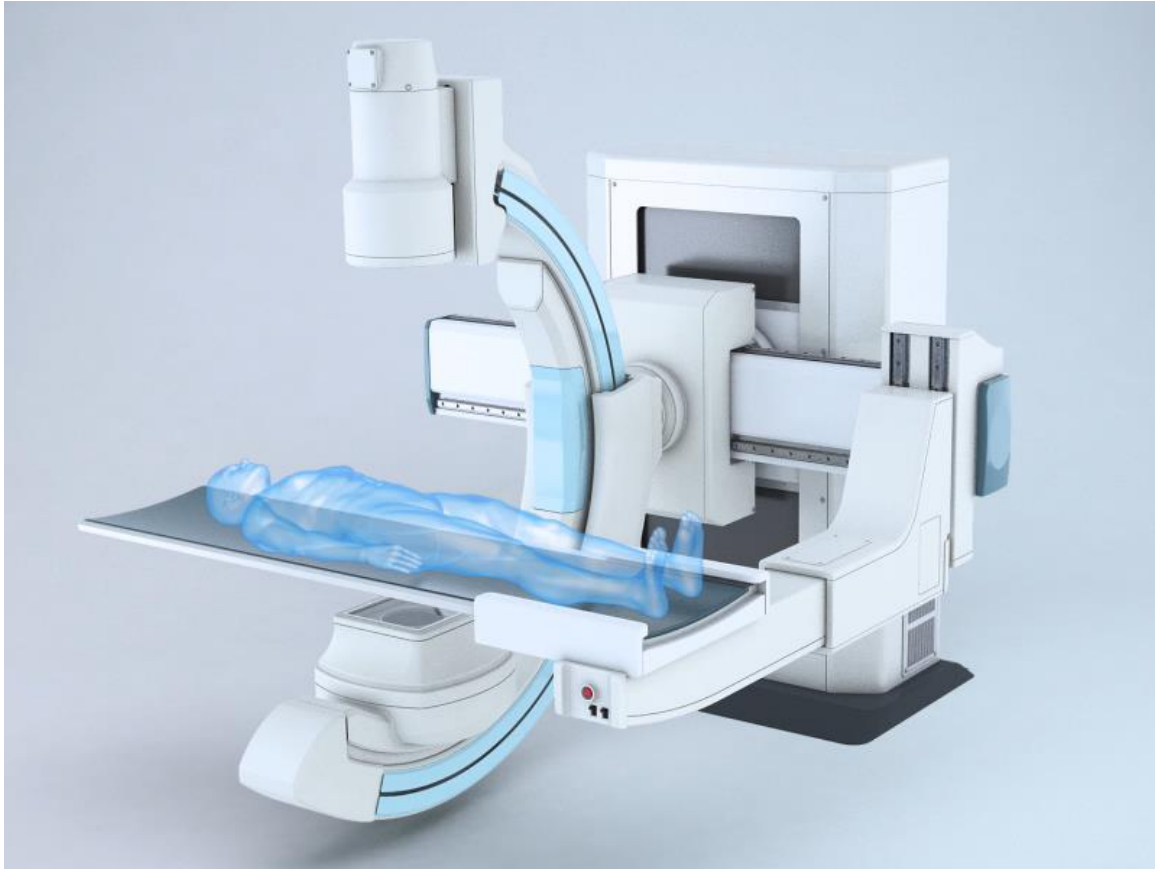


Transfer robots



3D Printer

LM Guides Application Examples



Medical Equipment



Aircraft

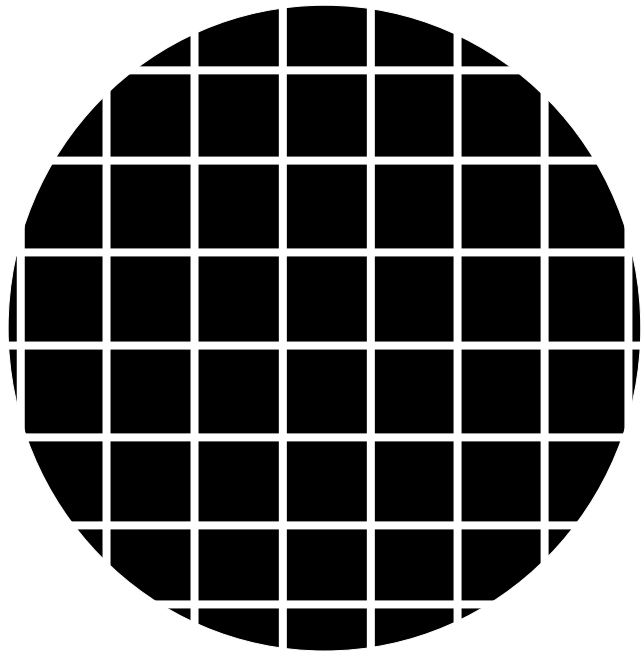
Saves Energy!

(Low electrical power consumption)



Increases productivity!

(Facilitates faster machine movement)

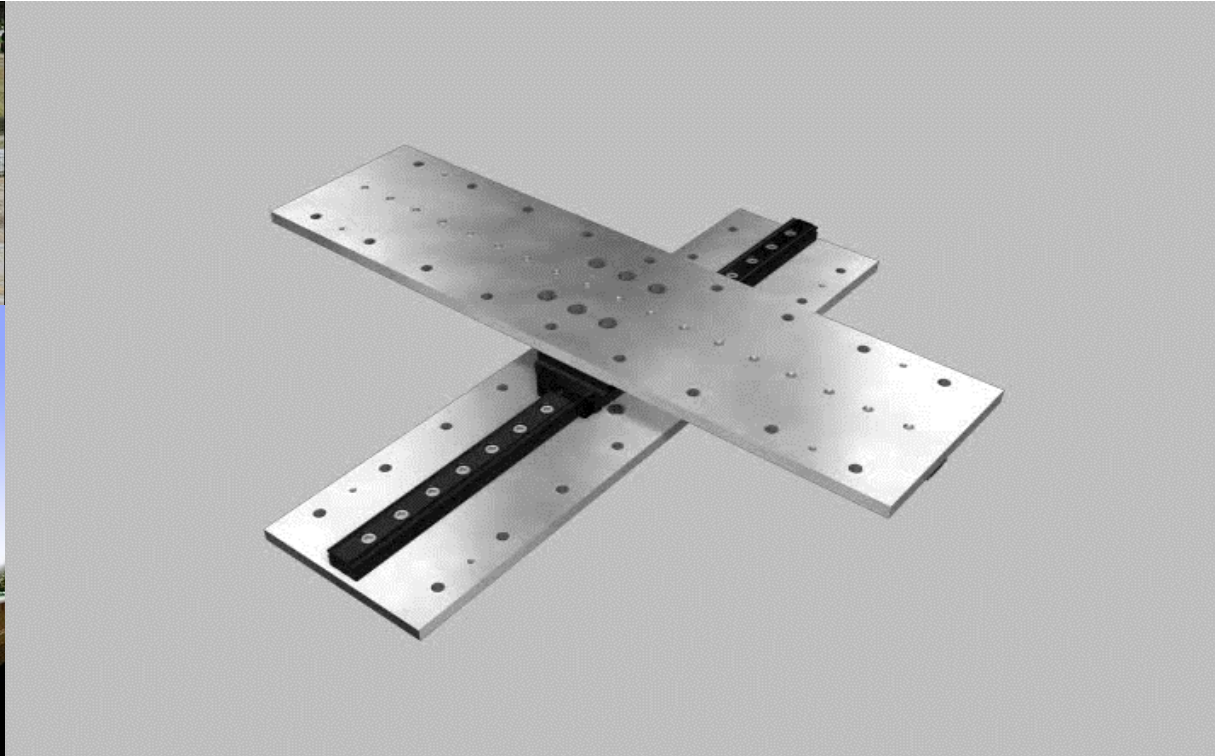


Can take a strand of hair
(diameter of 0.07mm) and cut it
in 34 subsections

⇒ **Extremely precise movement**

Buildings

Servers



LINEAR MOTION PRODUCTS



Primary Linear Motion Customers

Mazak


APPLIED MATERIALS®

 **Abbott**

TRUMPF


MAG


GE Medical Systems

FANUC
ROBOTICS

Lantech


Haas Automation Inc.

HUSKY®

océ


B/E
AEROSPACE

SIEMENS

Rockwell
Automation

CITIZEN

 **AEROTECH**®
Dedicated to the Science of Motion

Link Ball Products

- Automotive vehicles such as cars, ATVs, and golf carts
- Suspension system – connects steering wheel to vehicle wheels
- Critical Safety Parts



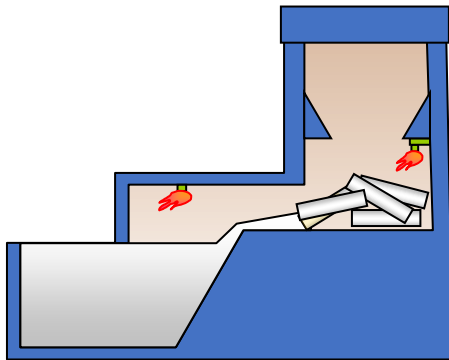
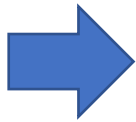
LINK BALL PRODUCTS



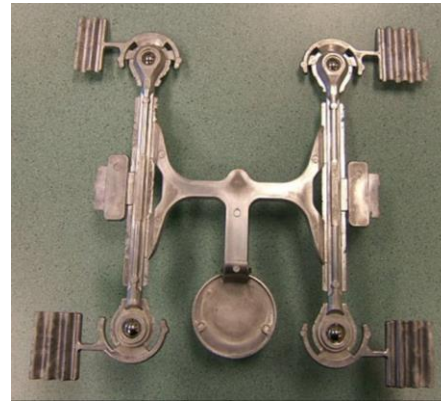
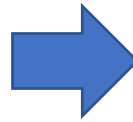
Die Cast Process:



Raw aluminum ingots...



Get melted in a furnace



and molded into this shape.



Excess material is cut off and...voila!
A completed casting!

Primary Link Ball Customers



Japanese Language Programs

TMA offers two Japanese language programs to support our members' success.

1. Casual Class

Held in five separate sessions throughout the year, this course introduces basic Japanese for conversations.

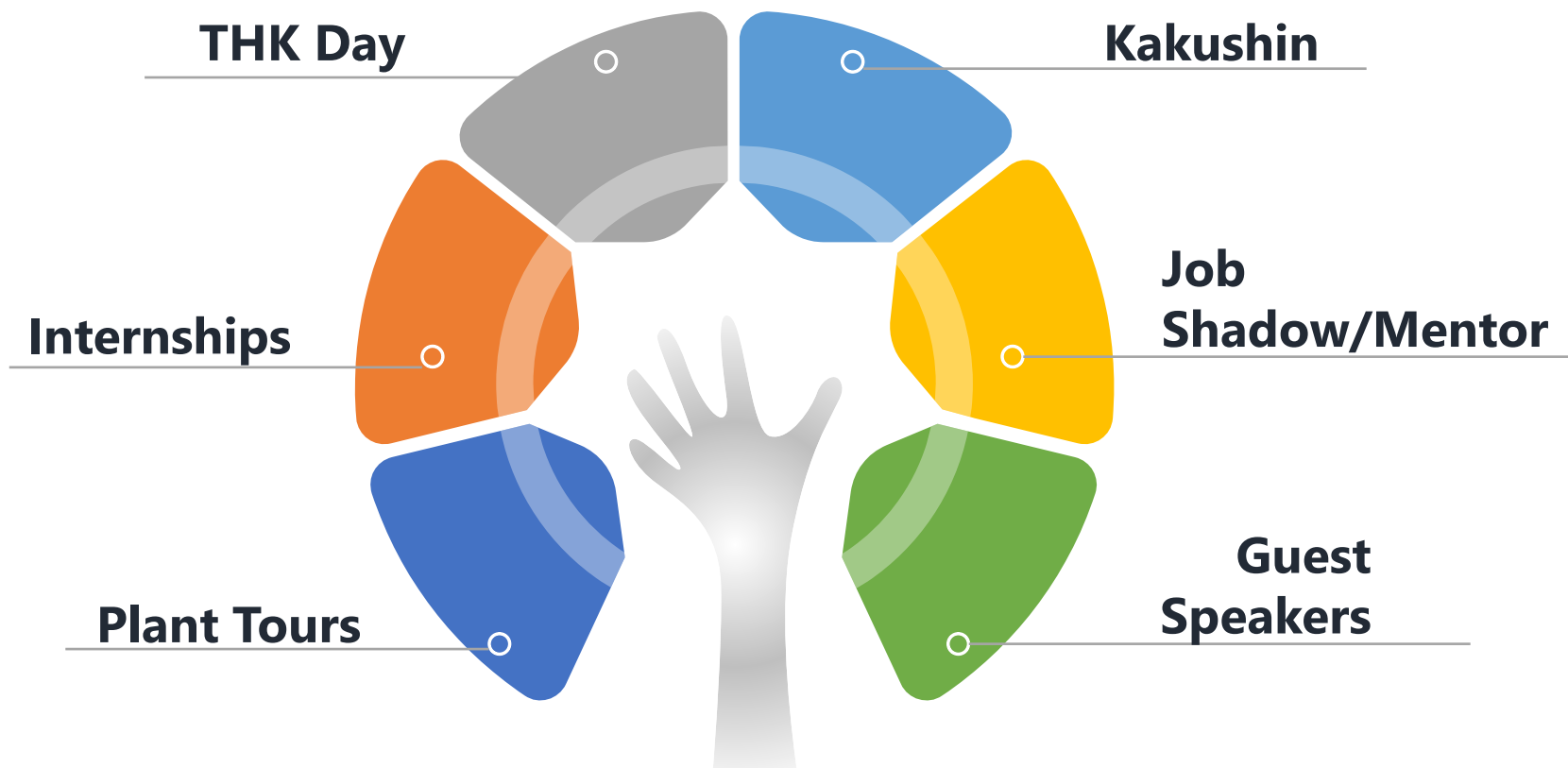
2. Accelerated Japanese for Professional Development Program

TMA also provides an intensive, year-long course that covers the material necessary for certification in the Japanese Language Proficiency Test.



Educational Programs & Opportunities

THK Manufacturing of America, Inc. organizes educational programs to students that are obtaining education through K-12 schools, vocational schools, and colleges/universities.





THK Manufacturing of America, Inc.



@THK_TMA



THK Manufacturing of America



THK Manufacturing of America, Inc.

THK Manufacturing of America Office

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Hebron, Ohio 43025
(740) 928-1415

THANK YOU