

Another Originality

# CORPORATE PROFILE

# Stability and Development

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## Corporate Identity

KORLOY is a portmanteau word of 'Korea' and 'Alloy'. KORLOY is poised to usher in a new era of unprecedented promise by building on our culture of excellence and innovation to lead the carbide cutting tool industry.

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### Outer triangle

Stability and development

### Each side of the triangle

Customer / Human / Rationality

### Inner triangle

Will to achieve the goal

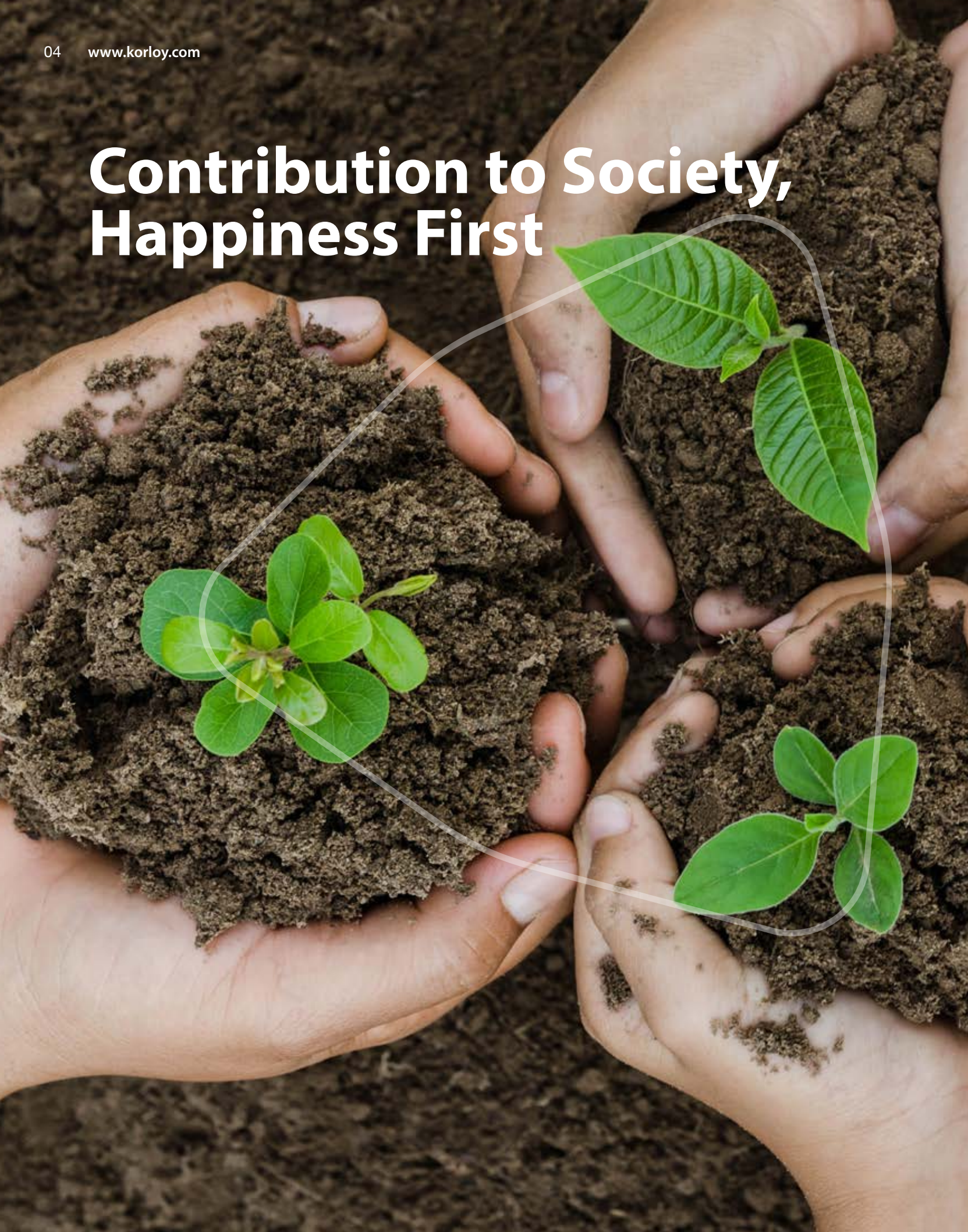
### Core circle

Solidarity within KORLOY

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# Contribution to Society, Happiness First







## Founding Principles Management Philosophy

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### **Contribution to Society**

KORLOY contributes to society and improves the world by manufacturing needed products, creating job opportunities and taking responsibility for what we do.

### **Happiness First**

KORLOY puts the happiness of our customers and employees ahead of everything and achieves both by raising the competitiveness in the world market.

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# KORLOY starts its journey to the new world

## Company Overview

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**KORLOY Inc. since 1966**

**Head Office** Holystar B/D, Seocho-daero 326,  
Seocho-gu, Seoul, 08536, South Korea

**Speciality** Insert, endmill, drill, tool holder,  
milling cutter, etc.

**Tel** +82-2-522-3181

**Fax** +82-2-522-3184

**Web** [www.korloy.com](http://www.korloy.com)

# KORLOY

## 1960~70

**1966**

Foundation of Corporation.

**1974**

Moved the factory to Cheongju.

**1974**

Began exporting worldwide.



## 1980

**1985**

Acquired the Accident Free Record (600,000 hours) Certificate.

**1987**

Established R&D Institute.

**1989**

Began KI21(KORLOY Identity 21) Campaign.



## 1990

**1990**

Awarded Productivity Grand Prize.

**1995**

Established Powder Processing Line & Alloy, Press, Sintering Line in Jincheon Factory.

**1997**

Certified to ISO9001.

**1999**

Awarded IR52 by the Minister of Science and Technology



## 2000

**2000**

Awarded as the best R&D center by the president of South Korea.

**2004**

Selected as a highly competitive company (2000~2004).

**2007**

Certified as NET(New Excellent Technology).

**2009**

Certified to ISO14001.



## 2010

**2012**

Selected as HIDDEN CHAMPION business operator.

**2015**

Selected as the World champ business operator from KOTRA (2011~2015).

**2016**

Awarded an Order of Industrial Service Merit(Bronze Tower).

**2018**

Fostered export business for midsize companies(KOTRA).

**2019**

Received the best Taxpayer Award on the 53rd Taxpayer Day

Inaugurated of Jung-Hyun YIM as the 8th President of Korloy.



## 2020

**2020**

Fostered global support licence for midsize companies(KOTRA)

**2020**

Industrial data quality certified (KOIIA)

**2021**

Selected as a World Champ manufacturer

**2022**

HQ office building relocated



## Mission

# Another Originality

Everyday we pursue another Originality for the Future.

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### Mission Statement

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Everyday we pursue more originality for the future.

Built on creativity, originality is the driving force for our sustainability, growth and development. The originality we pursue begins with creating innovative technology and new values, not just correcting or improving existing ones.

It is our true mission and is embedded in every aspects of our products, service and management. We believe it will lead us to customer satisfaction as well as our employee's happiness.



## Core Values



## KORLOY People



### Active

Pursuing the challenge of positive change



### Boundaryless

Cooperation without limits



### Creative

Productive imagination



### Diverse

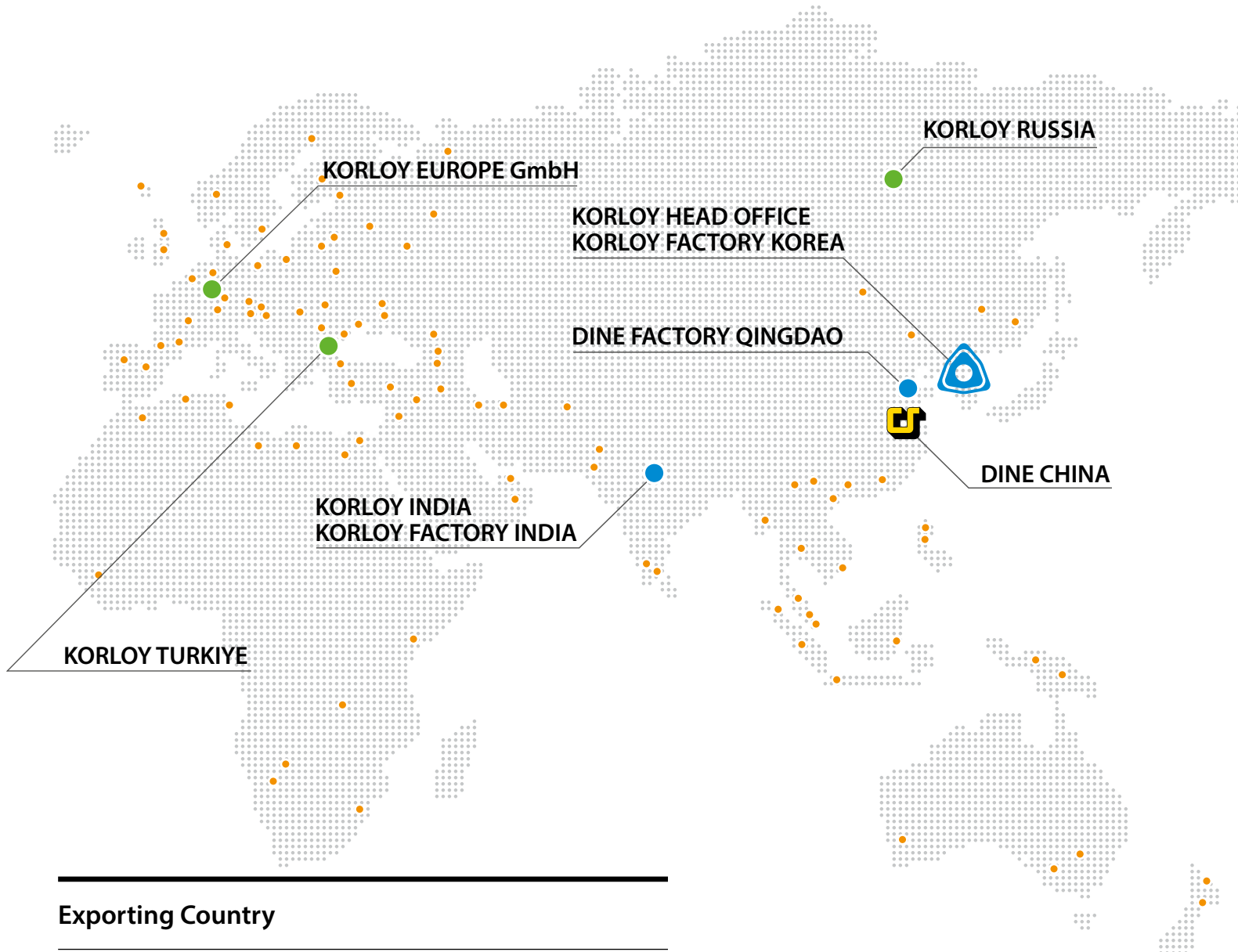
Respecting differences



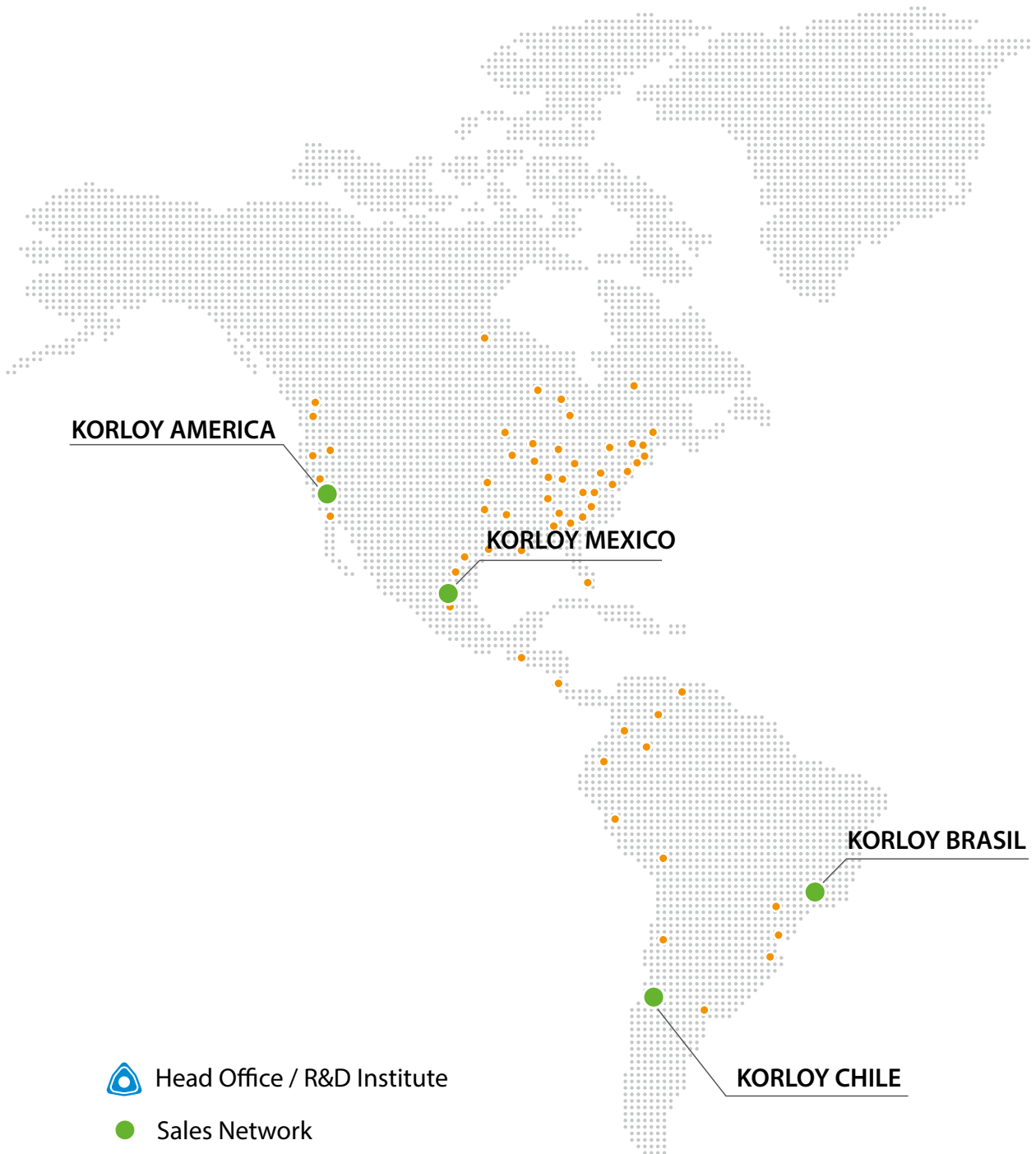
### Expert


Special knowledge and skills

# Global Business Network



Algeria, Argentina, Australia, Austria, Belarus, Belgium, Bosnia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech, Danmark, Ecuador, Egypt, Estonia, Faeroe Island, Finland, France, Germany, Greece, Guatemala, Hungary, Iceland, India, Indonesia, Iran, Ireland, Italy, Japan, Jordan, Kazakhstan, Kenya, Korea, Latvia, Lebanon, Lithuania, Malaysia, Mexico, Mongolia, Netherlands, New Zealand, Pakistan, Paraguay, Peru, Philippines, Poland, Portugal, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Syria, Taiwan, Thailand, Tunisia, Turkey, UAE, UK, Ukraine, Uruguay, USA, Uzbekistan, Venezuela, Vietnam



 Head Office / R&D Institute

 Sales Network

 Production Network

 Local Distributors

 DINE China





Cheongju Factory



Jincheon Factory



KORLOY Mexico since 2022



KORLOY Russia since 2020



KORLOY Chile since 2019



KORLOY Turkiye since 2019



KORLOY Brasil since 2014



KORLOY India since 2012



KORLOY Europe since 2010



KORLOY America since 2008



Head Office



# KORLOY Network

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## Head Office

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Seoul, 06633, Republic of Korea  
Tel : +82-2-522-3181 / Fax : +82-2-522-3184

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## KORLOY EUROPE

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## KORLOY INDIA

Plot No. 415, Sector 8, IMT Manesar, Gurgaon 122051, Haryana, India  
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34775, Turkiye  
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## KORLOY CHILE

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Moscow, Russia  
Tel : +7-495-280-1458

## KORLOY MEXICO

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Juriquilla, Qro.  
Tel : +52-442-673-7388

## KORLOY FACTORY INDIA

Plot No. 415, Sector 8, IMT Manesar, Gurgaon 122051, Haryana, India  
Tel : +91-124-4391790 / Fax : +91-124-4050032

## Research & Development

# Creative R&D, Product Leadership

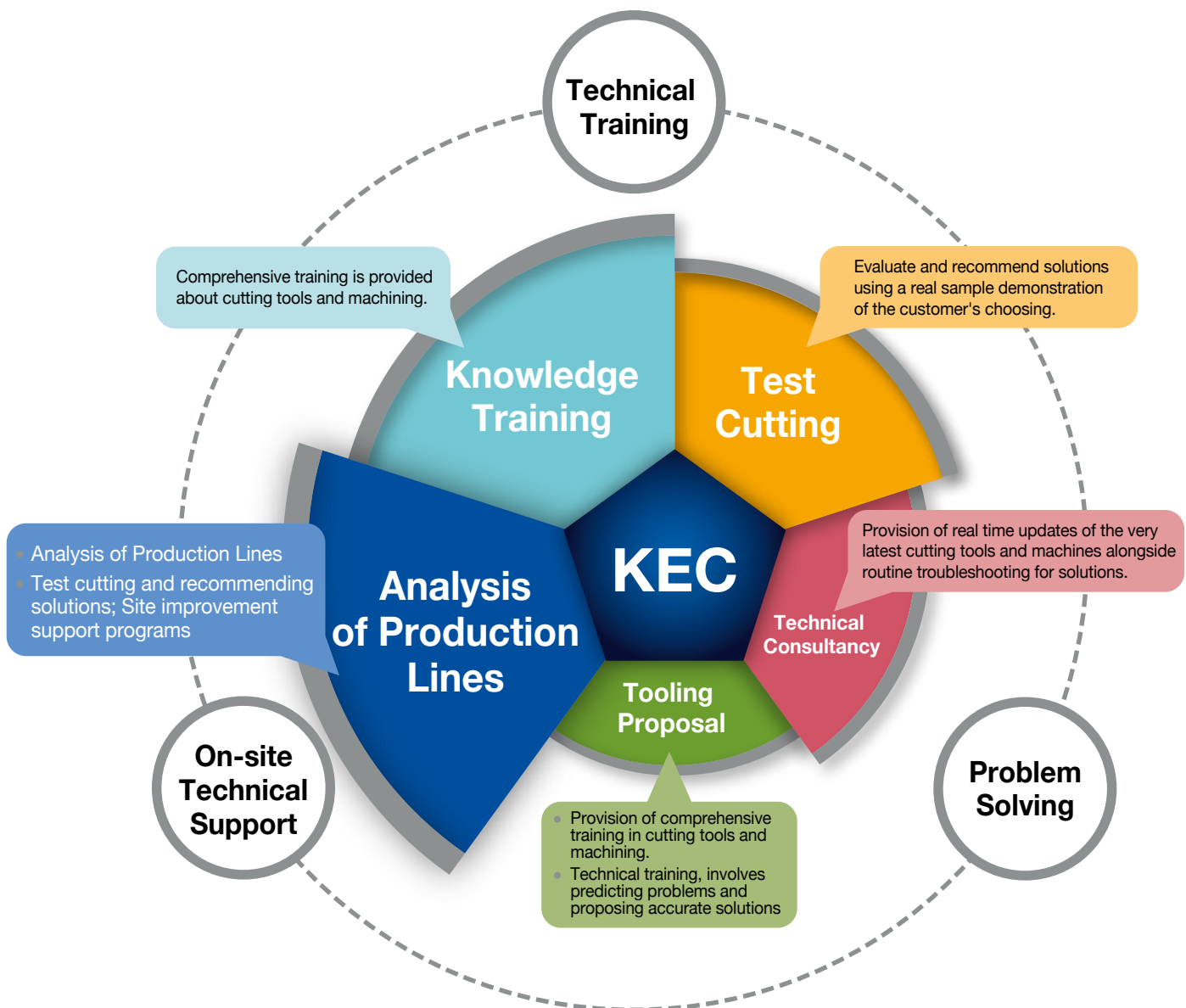
The KORLOY R&D institute aims to meet the highest demands of high-quality products without compromise. It has been successful with its innovative technology.





## Analysis of Production Lines

# Total Tooling Solution



**KEC : Korloy Engineering Center**

## Product Index

# Up-to-date Technology

### Products / 16

- Inserts
- Tool holders
- Milling cutters
- Solid endmills
- Solid drills
- Indexable endmills
- Indexable drills
- Tooling systems

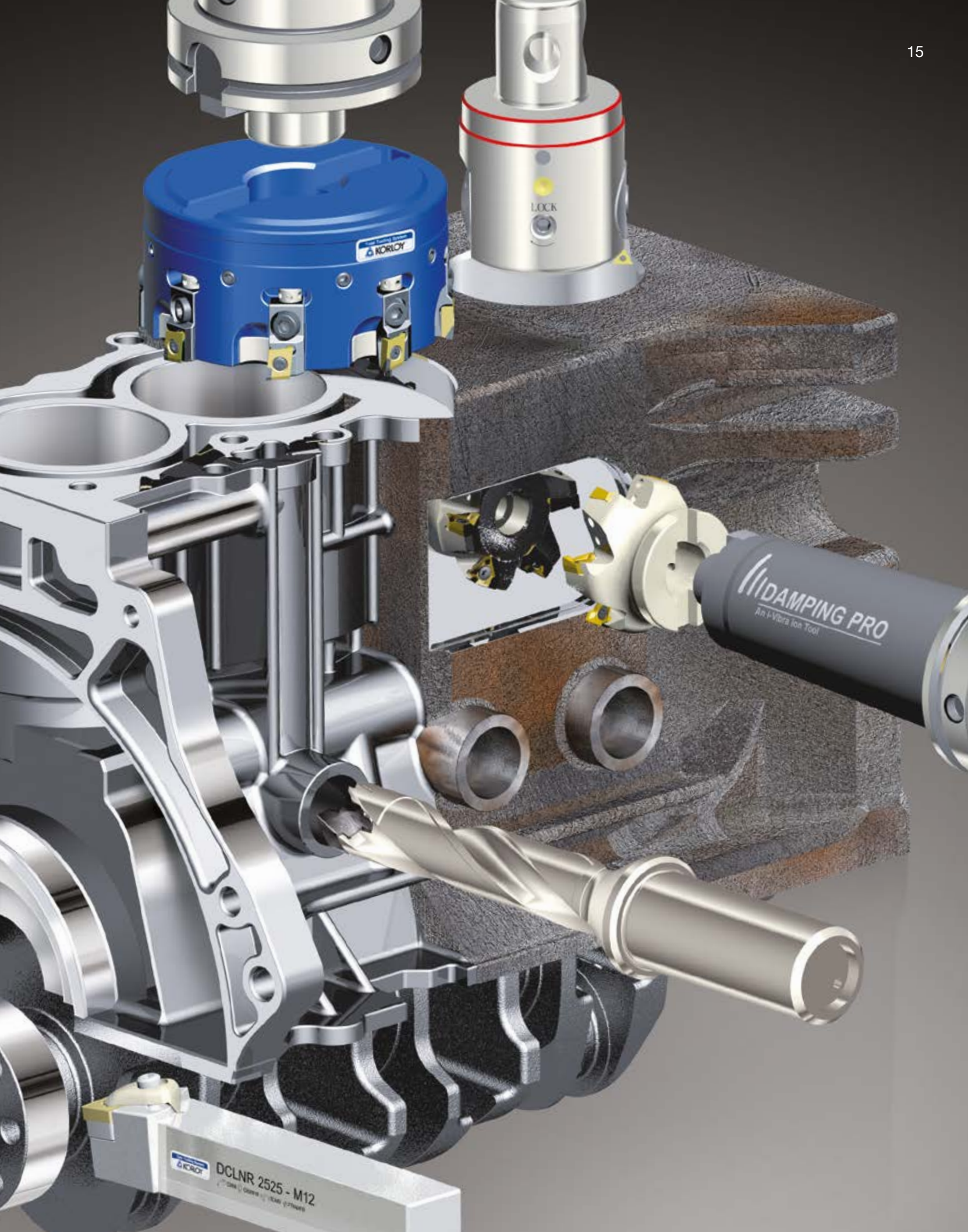
### Industry Application / 20

- Aerospace
- Automotive
- Shipbuilding
- Mold & die
- Railway

### Special Industry Application / 24

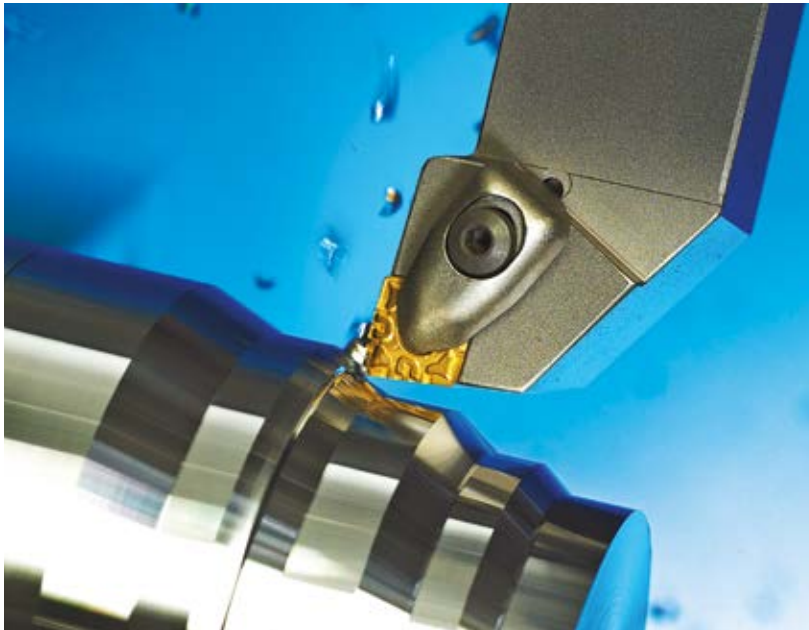
- Pipe
- Gear
- Bearing
- Power generation
- Roll
- IT
- Medical
- Defense







## Products



### INSERTS

Inserts for turning, milling and multi-purpose with a full line-up of ISO standard and special tools.



### TOOL HOLDERS

Tool holders featuring high rigidity clamping systems with a full line-up of ISO standard and special tools.



# Innovative Product Development

## MILLING CUTTERS

Milling cutters for facing, shouldering, slotting and any other milling requirements.



## SOLID ENDMILLS

For a wide range of applications, from machining hard mold & die, to high precision IT parts and devices.



## Products



### SOLID DRILLS

For high productivity hole making and deep holes with high precision.



### INDEXABLE ENDMILLS

With interchangeable inserts for economical multi-purpose machining and superior performance in hard-to-cut materials at high speeds.





## INDEXABLE DRILLS

For high feed machining, hard-to-cut materials, or multi-purpose.



## TOOLING SYSTEMS

Total tooling system capability, covering high speed and high precision applications.





## Industry Applications



### Aerospace

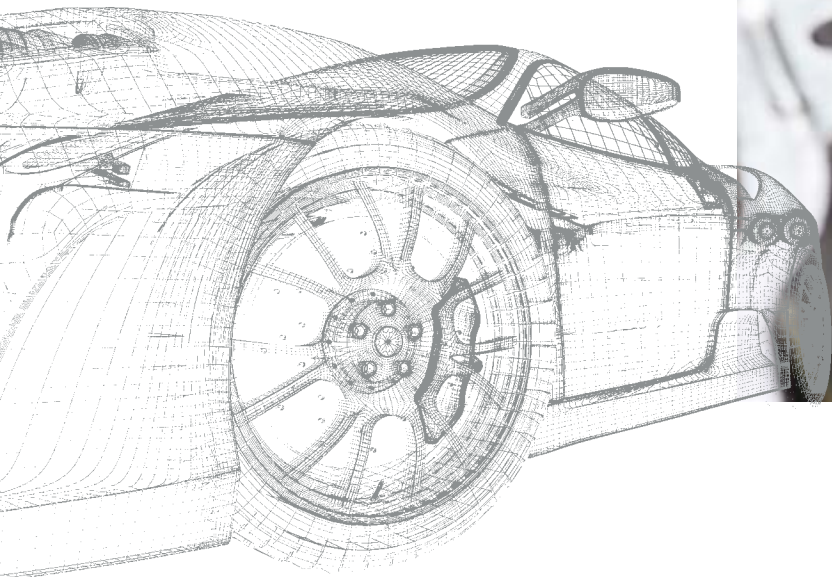
Specialized cutting tool technology for Aerospace materials for high productivity, high precision machining of engine, turbine, wings, frame, landing gear and other aerospace components.



# Highly Efficient Tooling System

## Automotive

A car is composed of over 20,000 parts. KORLOY manufactures cutting tools for most major systems, including crank shafts, cylinder blocks, piston heads, and more.

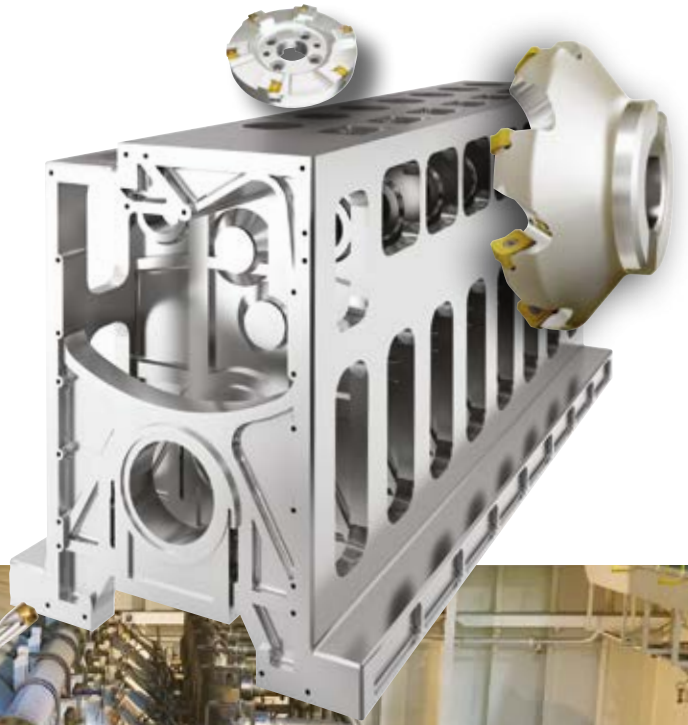




## Industry Applications

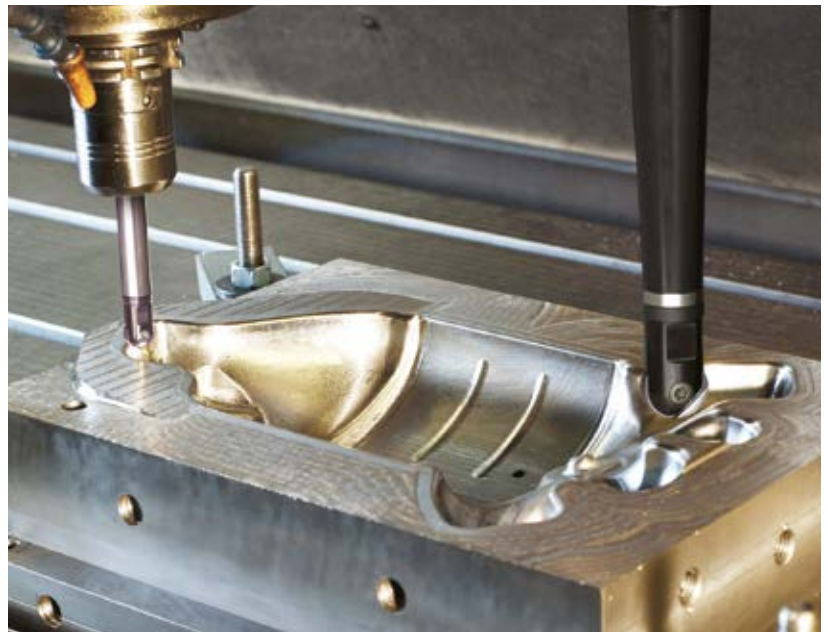
### Shipbuilding

The shipbuilding industry has improved rapidly throughout human history. KORLOY's high tech cutting tool solutions are used to efficiently machine cylinder blocks, crank shafts, propellers, and other ship parts.



## Mold & Die

The mold and die industry is a large part of the national infrastructure, providing the foundation for manufacturing of automobiles, semiconductors, and so many others. KORLOY manufactures a large variety of cutting tools for machining molds in press, injection, die cast, and forging.



## Railroad & Rail Wheel

KORLOY's accumulated know-how and experience in the railroad industry are applied to produce best in class cutting tools for machining rail separators, crossings, joints, wheels, and more.



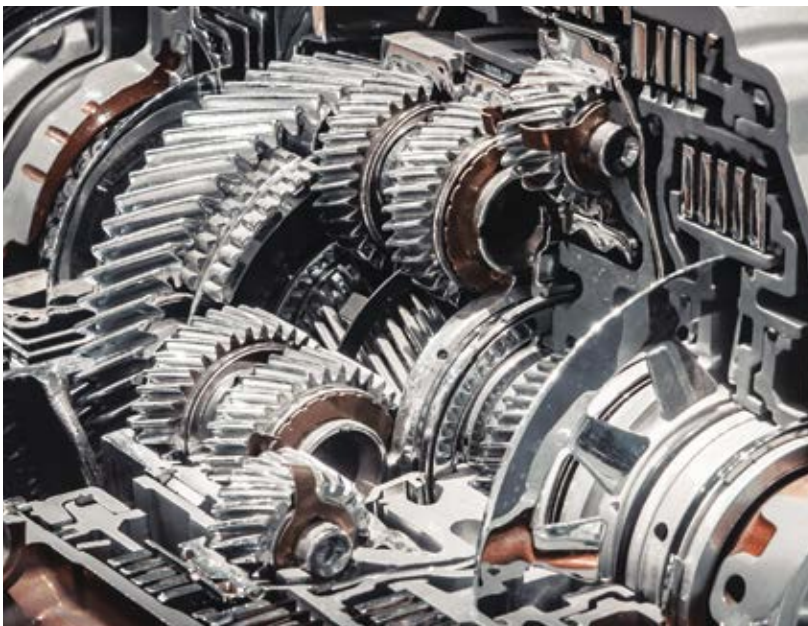


## Special Industry Applications



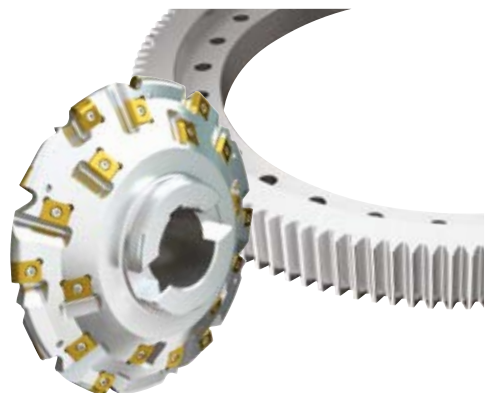
### Pipe Machining

Total tooling for pipe machining such as edge milling, removing burs, end facing, and more.



### Gear Machining

Total tooling for machining spur gears, helical gears, herringbone gears, and rack gears.



# Our deep knowledge in special industries

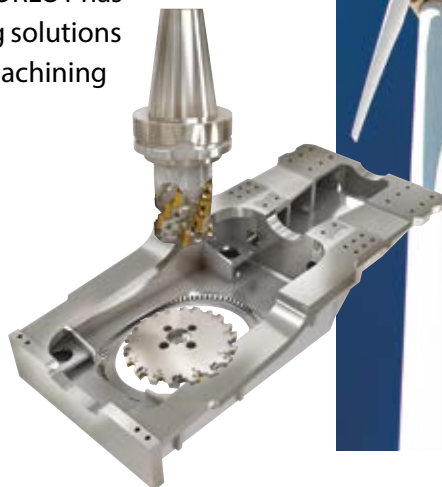
## Bearing Machining

Total tooling for bearing's inner and outer parts including chamfering, shield, and race way machining.



## Power Generation

Highly durable parts are required in generating plants of wind, gas and nuclear power. KORLOY has optimized tooling solutions for the efficient machining of these parts.



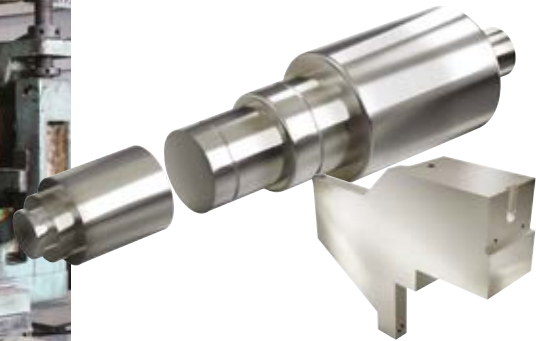


## Special Industry Applications



### Roll Machining

Total tooling for machining a variety of rolls that can bear high pressure.



### Information Technology

High precision cutting tools for machining IT devices such as smart phones, tablet PCs, and more.



## Medical Industry

The rigorous demands of the medical parts and device industry require hard-to-cut materials like titanium. KORLOY has developed specialized cutting tools that meet or exceed the demand for productivity, reliability, and precision.



## Defense Industry

Defense technology has evolved along with the growth of civilization. Today, high tech weapon systems require hard-to-cut high temp alloy materials. KORLOY's expertise in aerospace is easily transferable to defense.





# Happy Companionship, Lifelong Partner



## Corporate Social Responsibility



### Sustainability Management

- Partnership with customers, affiliated companies, stockholders and all the other people with common interests.



### Environmental and Quality Management

- Certified to KS A / ISO9001
- Certified to ISO14001 - Environmental Management Systems
- Certified to AS9100 - Quality Management System for the Aerospace Industry



### Community Involvement

#### Charity Events

- Charitable campaign for people in need, by the company and all employees.
- KORLOY's executives periodically make donations to the Youth Together Special Education Center.



#### Voluntary Service for

- Youth Together
- Saint Vincent's house (a sanatorium)
- Child-headed families
- Low income and elderly people in need
- Multicultural families

***[www.korloy.com](http://www.korloy.com)***