

Cutting Edge Solution





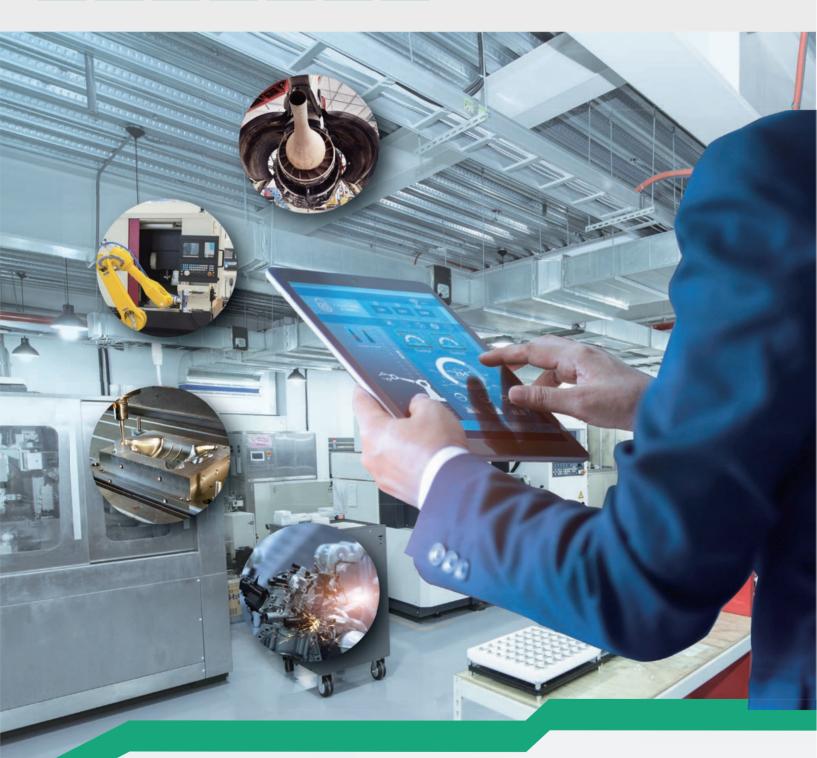












# Chain Headway Customized Design

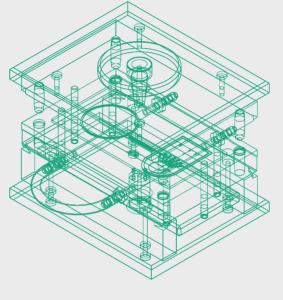
Modular design - specialized for your industries



With diversified machining of the special materials used in the aerospace industry, such machining also poses multiple challenges to manufacturers in the industry.

# **For Your Business**

We provide customized services to your industry.



# Mold Industry

The development of the mold & die industry is closely related to industrial development. To respond to increasingly shorter product life cycles, the production of molds should be faster and faster, too.

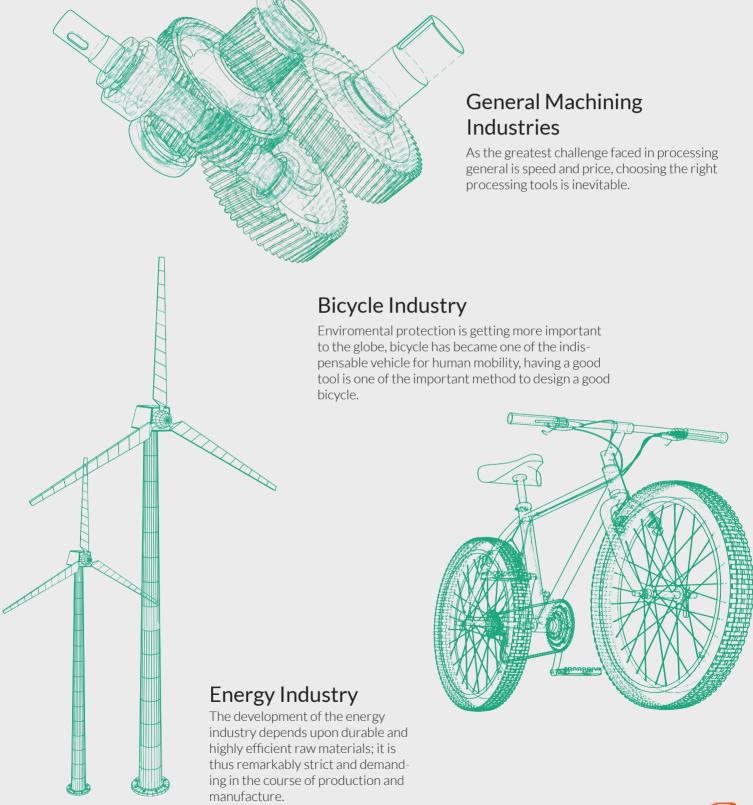


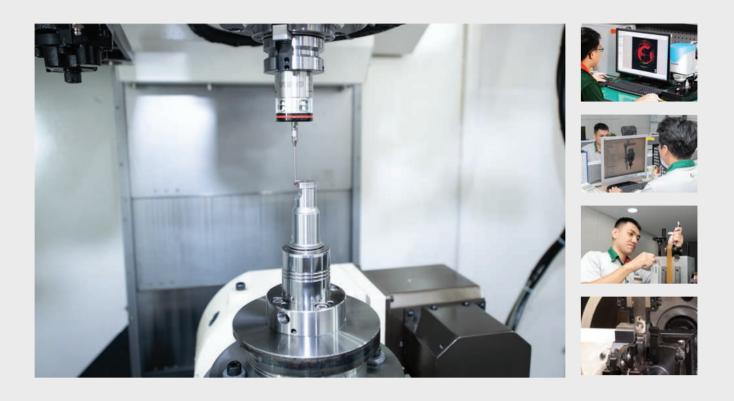
### **Automotive Industry**

In view that the fast development of the automotive industry requires light-weight materials and special applications, we offer solutions with cutting-edge tools.

# **Specialized Services for Different Industries**

CHAIN HEADWAY sells as many as 22,000 items of products as well as provides services of customized products to solve any machining need. We have specialized personnel who are able to offer best integrated programs to generate maximum production benefits for clients. CHAIN HEADWAY offers integrated programs of cutting and innovatively developed products to help our clients take full advantage ahead of others in this ever-changing industry.





# Our Specialized Technology We design for Your Special Needs

Time + Efficiency + Stability = Benefits We are dedicated to planning on better innovated and more efficient customized service for you.

Be it heavy, light or ordinary machining, a number of particular machining conditions or non-general machining conditions that technicians encounter are without doubt distressful for the technicians.

The specialized teams of technology and design at CHAIN HEADWAY are able to help you solve your specific needs in least time. With abundant experiences in various industrial fields over years, we are able to accurately design tools and clamping systems customized for you. We believe that to possess good specialized technology teams as your good partner is sure to enhance your productivity and benefit significantly.



# Modular Design Process

Specialized for your industries

M01

Requirement Analysis M02

Technological Design

M03

Cutting Tools Solution

M04

Clamping System Solution

M05
Manufacture

M06

Acceptence Test
Performance
Analysis

# Chain Headway Professional Technological Team



Effectively help improve production process



Increase tool life Increase productivity



Optimize processes for mass production planning



# **Accurately Design**

# Cutting Tools and Clamping System for your Industries

To address process needs of all kinds, our product range includes tool shanks, cutting tools, blades and auxiliary tools. Also, we never compromise when it comes to attention to details. The important task of CHAIN HEADWAY is to address customers' needs, to which end, good communications and being ready to assist are essential. To fulfill this task, rigorous inspection procedures and standards are in place in terms of both manufacture and inspection. At CHAIN HEADWAY, a diverse range of product and kind professionals are always available.

M01

Requirement Analysis

We analysis client's need, we help our client to plan thier own procedure, cutting tools and clamping system. M02

Technological Design

A unique design for our client through the analysis result by our Chain Headway R&D and menufacture team. M03

**Cutting Tools Solution** 

Standard cutting tools will not satisfy for client's need, Chain Headway team has the ability to help you to customize your own cutting tools to improve your efficiency.



M04

M06

#### **Clamping System Solution**

Chain Headway has the ability to help our client to imrove their effeciency through the clamping system, it just like a car need four specify tyres.

#### Manufacture

Chain Headway has the ability to manufacture tools, we do have a constant temperature factory, constant temperateure plant stable quality.

#### Acceptence Test Performance Analysis

We guarantee our product stability and performance, we ensure our client in good condition all the time.





## Example of Success (1)

Those client who work together with us through the modular has increase more than 50% of effeciency.

#### Improvement Project

#### **Project 1**

Same tool with different angles that decrease the cost of the tools.

#### **Project 2**

Workpiece can be done in single process, increased the effeciency.

#### Project 3

Exchangable inserts design, increasing the life of tools.

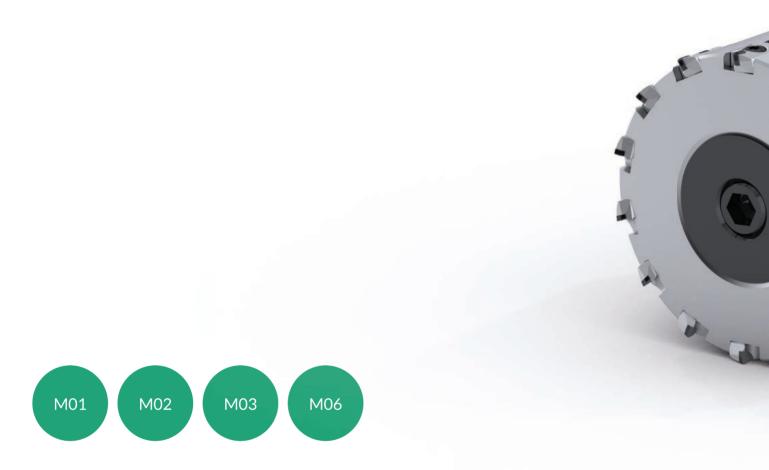
#### Project 4

No need to regrinding, overall efficiency improvement.





Workpiece: General Workpiece



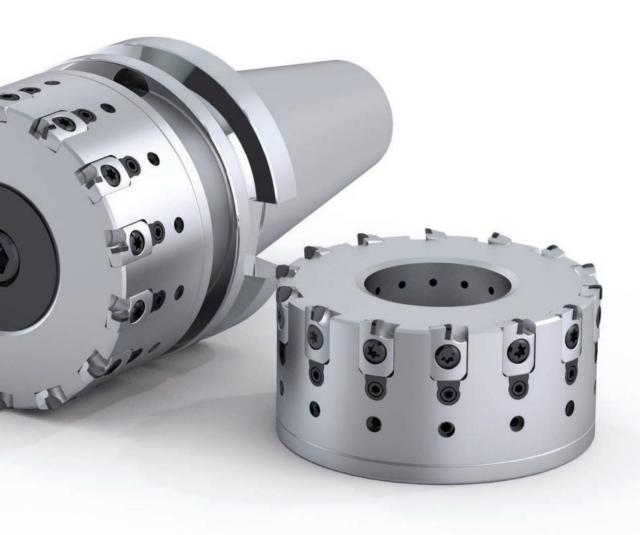
### Example of Success (2)

Those client who work together with us through the modular has increase more than 50% of effeciency.

## Improvement Project

#### Project 1

Achieved mirror surface without secondary surface polishing, reducing woking hours.





Workpiece: Automobile Accessories





# Example of Success (3)

Those client who work together with us through the modular has increase more than 50% of effeciency.

#### Improvement Project

#### **Project 1**

The whole working process can be completed in one time calibration (without disassembly.

#### Project 2

Positioning accurarcy, acheived excellent processing quality.





Workpiece: Rail Workpiece



Workpiece: Machine Accessories



### Example of Success (4)

Those client who work together with us through the modular has increase more than 50% of effeciency.

#### Improvement Project

#### Project 1

Manufacturing process optimized through the programming and clamping system.

#### Project 2

The clamping system could fit various sizes of workpiece.

#### Project 3

Reduce unnecessary tool customization.

#### Project 4

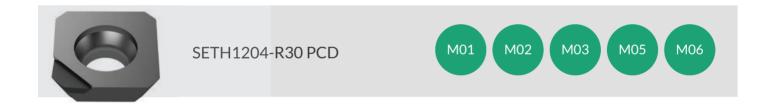
Overall, it has been increased the processing time and benefits.

# **Inserts - Example of Success**

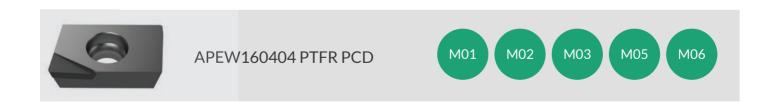
The inserts is tailored to address the customer's requirement, for example: material, shape, function or benefits.













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