

## **Professional OEM High Precision Plastic Injection Mold**

### **Manufacturer**

OEM Custom Plastic Injection Mold

Place of Origin Shenzhen Guangdong China (Mainland)

Core Business Plastic mold making and moulding

Design software UG, ProE, CAD

Maximum mould size 2,000\*1,500\*1,000mm

Mold build capability Upto to 20Ton

Clamp forces 30Ton~1,800Ton

Cavity Single-cavity ,Multi-cavity

Certificate ISO9001:2000 ;ISO14001 TS16949

Mould material P20, H13, 420SS

Raw Material PP, PA, PA66, POM, PA6+30GF, PC, PC/ABS, ABS, PMMA, PE etc.

Mould base LKM standard , HASCO (equivalent), DME (equivalent)

Gate type Cold runner/YUDO, Moldmaster, Synventive, INCOE, Husky hot runner

Feature With inner teeth

Appearance finished EDM, High polish; Mirror polishing, Texture/Graining

Mould Life 300,000 shots,1,000,000 shots,etc.

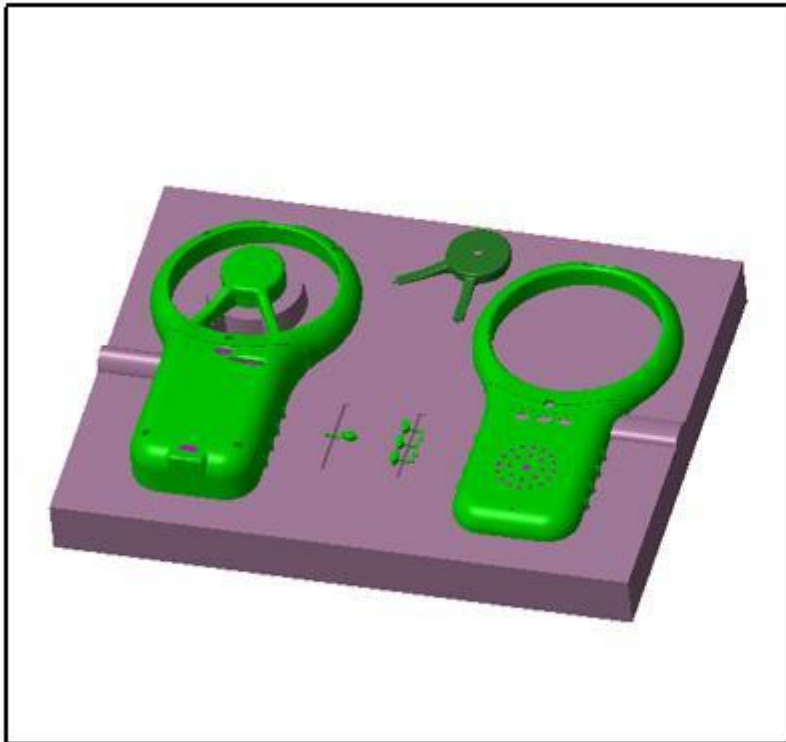
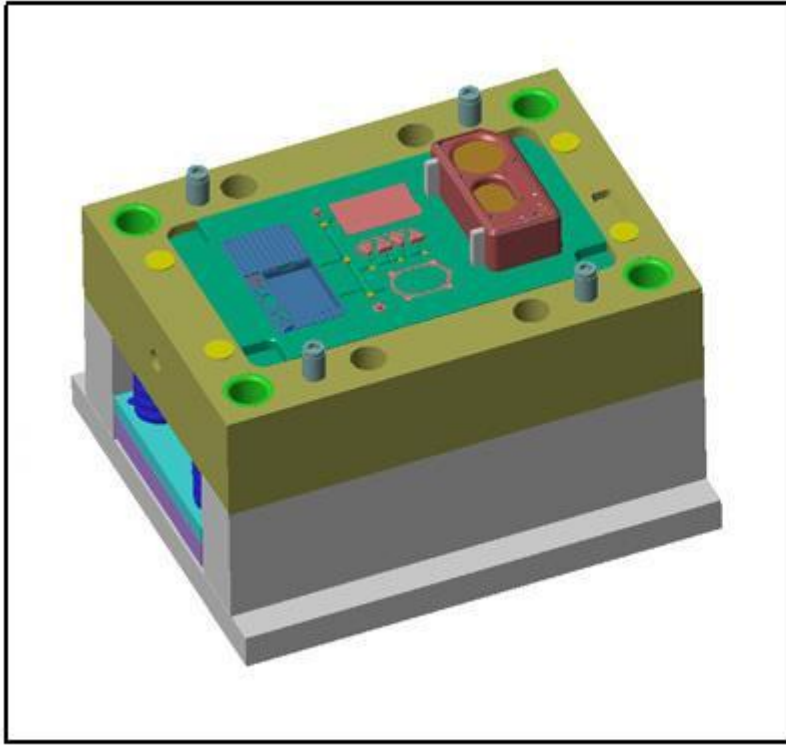
Hardness of steel 18~56 HRC

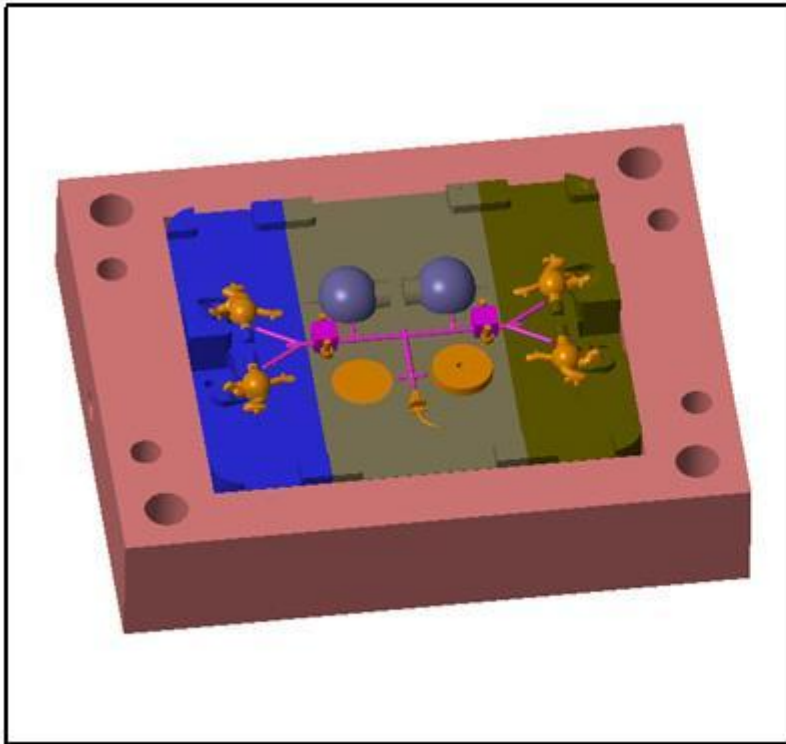
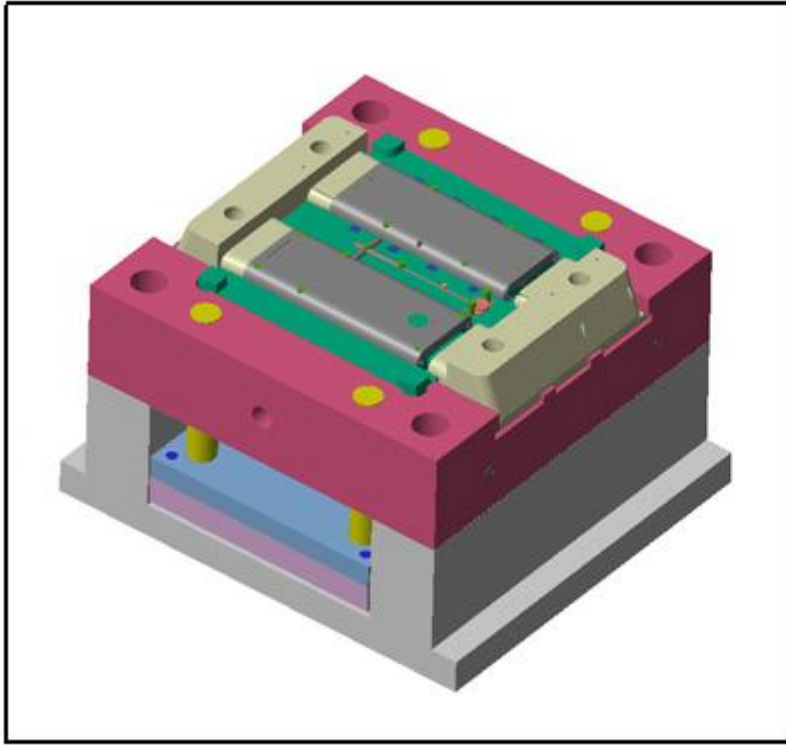
Delivery time 4 to 8 weeks (4 weeks for prototype mold)

Package Wooden case.carton

Delivery term FOB Shenzhen

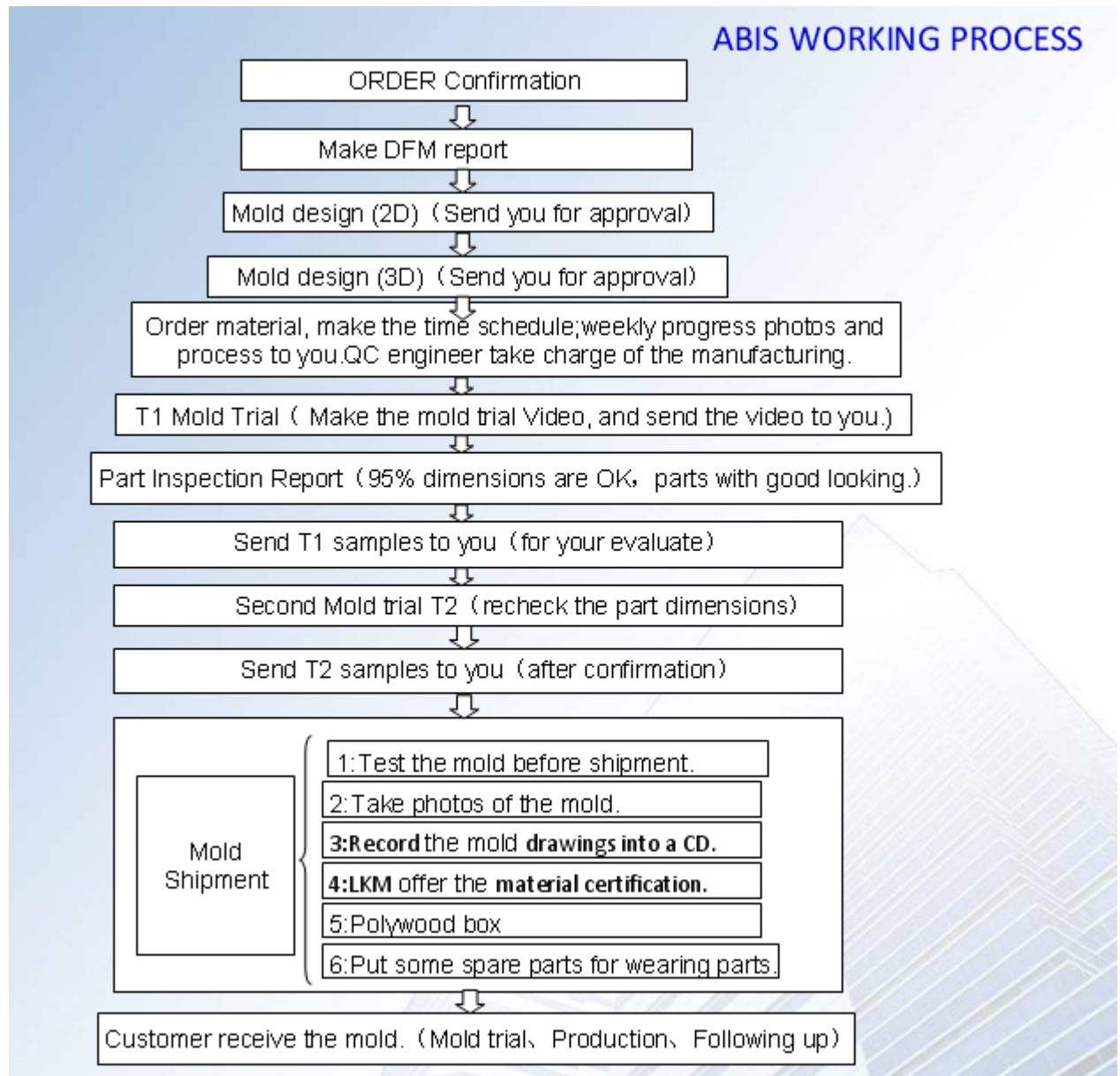






**ABIS Mold order process:**

## ABIS WORKING PROCESS



## Know more about ABIS Tooling & Moulding

ABIS was founded in Shenzhen China, adjacent to Hong Kong, in 1996, has its own factory of 12,000 square meters. With the advanced facilities from Germany, Swiss and Japan, and a highly experienced design and engineering team, ABIS builds multi-cavity molds to exacting tolerances, providing the critical structural foundation for leading manufacturing companies to produce high precision mold.

ABIS Mold which engaged in :

1. Cold&Hot Runner/ Single&Multi- Cavity-Injection moulding
2. Single&Multi- Shot
3. Die Cast-Aluminum&Zinc

- 4. Inserting Mold
- 5. Overmolding
- 6. Prototype Tooling
- 7 Mass Production

    Servicing various markets including Automotive & Aviation, Household & Industrial, Electronics & Telecommunications, Medical & Healthcare, OA equipment, Consumer Packaging , Personal care, and Sports, ABIS helps clients optimize productivity and minimize manufacturing costs, strengthening the ability of OEM to compete effectively on a global basis.



Equipment list

NAME OF MACHINE	BRAND	Q'TY	PL
CNC	DMG	1	G
CNC	YCM-FP66A	2	Ta
EDM AQ35L	SODICK	3	Ja
EDM	CHARMILLES-35P	2	Sw
EDM	TAIWAN NUMERIC CONTROL	6	Ta
digital display milling machine	YINGSHUN	8	Ta
digital display grinding machine	SUHRE	8	Ta
Injection molding machine	JIANDA	8	Ch
Injection molding machine	HAITIAN	11	Ch
Injection molding machine	FANUC	1	Ja
Computer	HAIER, SAUSUNG	15	Ch
JD12-300 digital display projection apparatus	Projector	1	Ch
3 Dimension Coordinate	DABAO	1	Ta
Wire cutting machine	QIGNYUAN	4	Sh
Wire EDM AQ327L	SODICK	2	Ja



## Something about Customized mold

### 1. Detailed description of Custom Plastic Mould:

Cavity/Core Material	718H,P20,NAK80,2316,2738,DIN2344,H13 and available
Product Material	ABS,PC,PP,PVC,POM,PMMA,PS,PE,PET,RUBBER Silicone,PA,PBT,PEI,etc
Base	LKM or by requested
Structure	Double Color injection mold,Solid Mold,Insert Mold,Mold with Slide,Mold with Lifter

Runner System	Hot runner,Cold runner
Cavity	Single cavity,multi cavity by requested
Finish	Corrosion word,Mirror finish,Brushed
Mold standard	HASCO,DME,MISUMI, or by requested etc
Software	STEP and X-T,UG,pro-E
Tolerance	+/-0.05mm
Design time	5-7 day
Sample time	1 week
Production time	3-5 weeks,depends on mold structure
Main technique	Milling,Grinding,EDM,Wire-cutting,Engraving,CNC etc
Longevity	0.5-1 million shots
Packing	Wooden case,PE,or by requested

**Some of Our products:**



industrial switch



connectors



fastener / clip/buckle



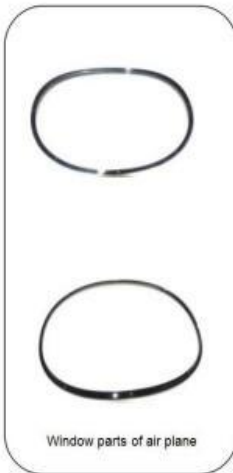
Auto water tank



Flange of oil tank



Automotive interior parts





**ABIS Mould packaging :**



## Mold Parking



Part NO. : ABIS 2014083  
Packing Size: 670\*540\*700 (MM)  
N.W : 480 KG  
G.W : 500 KG  
MADE IN ABIS,CHINA



**OUR CERTIFICATE:**



BEIJING HANGXIE CERTIFICATION CENTER CO.,LTD.  
**QUALITY MANAGEMENT SYSTEM  
CERTIFICATION**

**ABIS MOLD TECHNOLOGY(HK)CO.,LTD**

Organization Code: 15338449-1

No.107, Building B, Ying Kaili Industry Area, Longgang District, Shenzhen, China. PC: 518111

*is in conformity with*

**GB/T19001-2008 (ISO9001:2008)**

*This certificate is covering the following product scope*

**Plastic Mold Development and Manufacturing; Plastic Products Production**

**(Not Include the Products With Administrative Licensing)**

Registration No. 03415Q20263R0M

The Duration of Validity Feb . 10, 2015--Feb . 09, 2018



General Manager

BEIJING HANGXIE  
CERTIFICATION CENTER CO.,LTD.

After this certificate is issued, there should be at least 2 surveillance audits within the 1 year period of validity, the exact  
validity of the certificate can be checked on [www.hkxie.com.cn/](http://www.hkxie.com.cn/). The certificate information is available on the  
official website of the National Certification and Accreditation Administration ([www.cnca.gov.cn/](http://www.cnca.gov.cn/))  
It is also available by scanning the two dimensional code at the bottom right corner.



Address : NO.7 Jingchen Road,Chaoyang District,Beijing,China.



# Certificate

Certificate No.: 11417S21426R0M

This is to certify that the Occupational Health and Safety Management System of  
**SHENZHEN ABIS PRECISION HARDWARE  
PLASTIC CO., LTD.**

Unified Social Credit Code: 91440300553884491N

Registered/Production Office Address: Yingshi Industrial District B Building No. 102, Shabei Village,  
Longgang Community, Longgang Street, Longgang District, Shenzhen,  
Guangdong Province, China

Sales Address: Yingshi Industrial District C Building 1F, Shabei Village, Longgang Community, Longgang  
Street, Longgang District, Shenzhen, Guangdong Province, China

Has been audited to conform to the following Occupational Health and Safety  
Management System standard

**GB/T 28001-2011 idt OHSAS 18001:2007**

This Occupational Health and Safety Management System is valid for the  
**Development and production of plastic mould; sales of  
plastic parts and related Occupational health and safety  
management activities of involved sites**

Initial issuance: May 8, 2017

Date of issue: May 15, 2017

Date of expiry: May 15, 2020

Issued by: *Wei Fangyu*



Beijing East Allreach Certification Center Co., Ltd.



The certificate will remain valid only if the certified organization accepts surveillance visits of routine surveillance and is joined to the original position of the certificate. The information of this certificate is available at EACC website [www.eacc.com.cn](http://www.eacc.com.cn) and CNCA website [www.cnca.gov.cn](http://www.cnca.gov.cn).  
EACC address: # Floor, No. 11 Building, No. 17 Changshou Road, Beijing Science & Technology Innovation Base, Beijing, 100190, P.R. China

The 1<sup>st</sup>  
Party-Driven  
Certification  
Mark

The 2<sup>nd</sup>  
Party-Driven  
Certification  
Mark

The 3<sup>rd</sup>  
Party-Driven  
Certification  
Mark



## FAQ:

Q1. Can I make prototype before move to mold manufacture?

A. Yes, we can use your 3d drawings to make models for your evaluations.

Q2:Will you charge us for the mould modify?

A: small mold modify is free of charge.But some modify need charge.

Q3:How about the property for the mold?

A: THE TOOLS REMAIN THE PROPERTY OF you.

Q4. What file format you can use of the drawings?

A. STEP and X-T,UG,pro-E etc.

Q5. What material is best for my product?

A. Material usage depends on the part and what its function. We are happy to discuss the alternative options and suggest alternative materials.

Q6. What type of mold do I need?

A. Molds include plastic injection mold, silicon mold, vacuum forming mold, die casting mold and punch mold. We will provide the right solutions to you