

## **Custom plastic injection mold for fan blade in ABS**

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 :Up to to 20Ton

Clamp forces: 30Ton~1,800Ton

Cavity : Single-cavity ,Multi-cavity

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

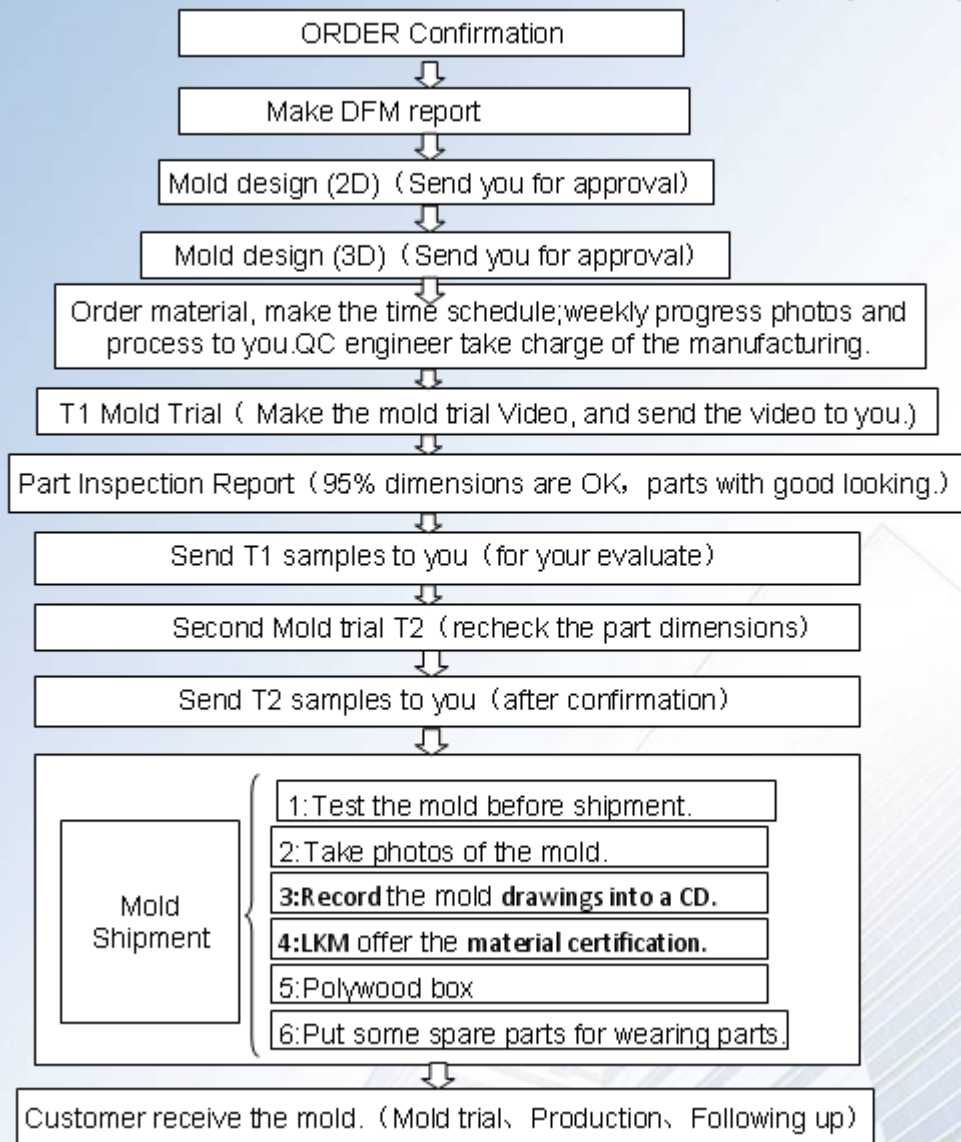
Delivery term: FOB Shenzhen





**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

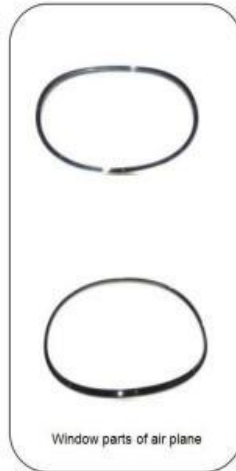
### 1. Detailed description of Custom Plastic Mould:

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| 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 request ed             |
| Finish          | Corrosion word,Mirror finish,Brushed                 |
| Mold standard   | HASCO,DME,MISUMI, or by request ed 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 structur e                 |
| Main technique  | Milling,Grinding,EDM,Wire-cutting,Eng raving,CNC etc |
| Longevity       | 0.5-1 million shots                                  |
| Packing         | Wooden case,PE,or by requested                       |

**Some of Our products:**







**ABIS Mould packaging :**



## Mold Parking



**OUR CERTIFICATE:**



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

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

Organization Code: 15358449-1

No.107, Building B, Ying Kell 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.* 03415Q20263ROM

*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 3 year period of validity the current validity of the certificate can be checked on : [www.bhxa.com.cn](http://www.bhxa.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.





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

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



中国公司  
管理标准  
MANAGEMENT SYSTEM  
STANDARD

The certificate will remain valid only if the certified representative keeps certificates valid or transfer certificates and is subject to the audit. Please note the certificate has continuing work in the designated position of the certificate. The fee money of the certificate is a share of 10% within 10 days after the end of the year, a share of 10% after 10 days.

The 1<sup>st</sup>  
Marine Division  
is located at  
Mach.



## FAQ:

Q: Why choose us?

A:1. Over 15-years experience.

2. Competitive price with high quality.
3. Completely production equipment supports to run the business.
4. Custom R&D program coordination.
5. Expert technicians.
6. Diligent and loyal workforce.
7. Timely And Thoughtful after services.

Q: Are you trading company or manufacturer ?

A: We are factory.

Q: How long is your delivery time?

A: Generally for mold making it's 35 working days, for plastic products manufacture it's 10-20 working days.

Q: Do you provide samples ? is it free or extra ?

A: Yes, we can offer some free sample of the plastic products we made with our plastic mould for you to check the quality.

Q: How does your factory do quality control?

A: Quality is our priority!

1. All materials we use can meet GB standard.
2. Our skillful workers care every detail in handling each process.
3. Quality control department do quality checking in each process.