

## PP plastic part injection mold

### Detailed description of Custom Plastic Mould:

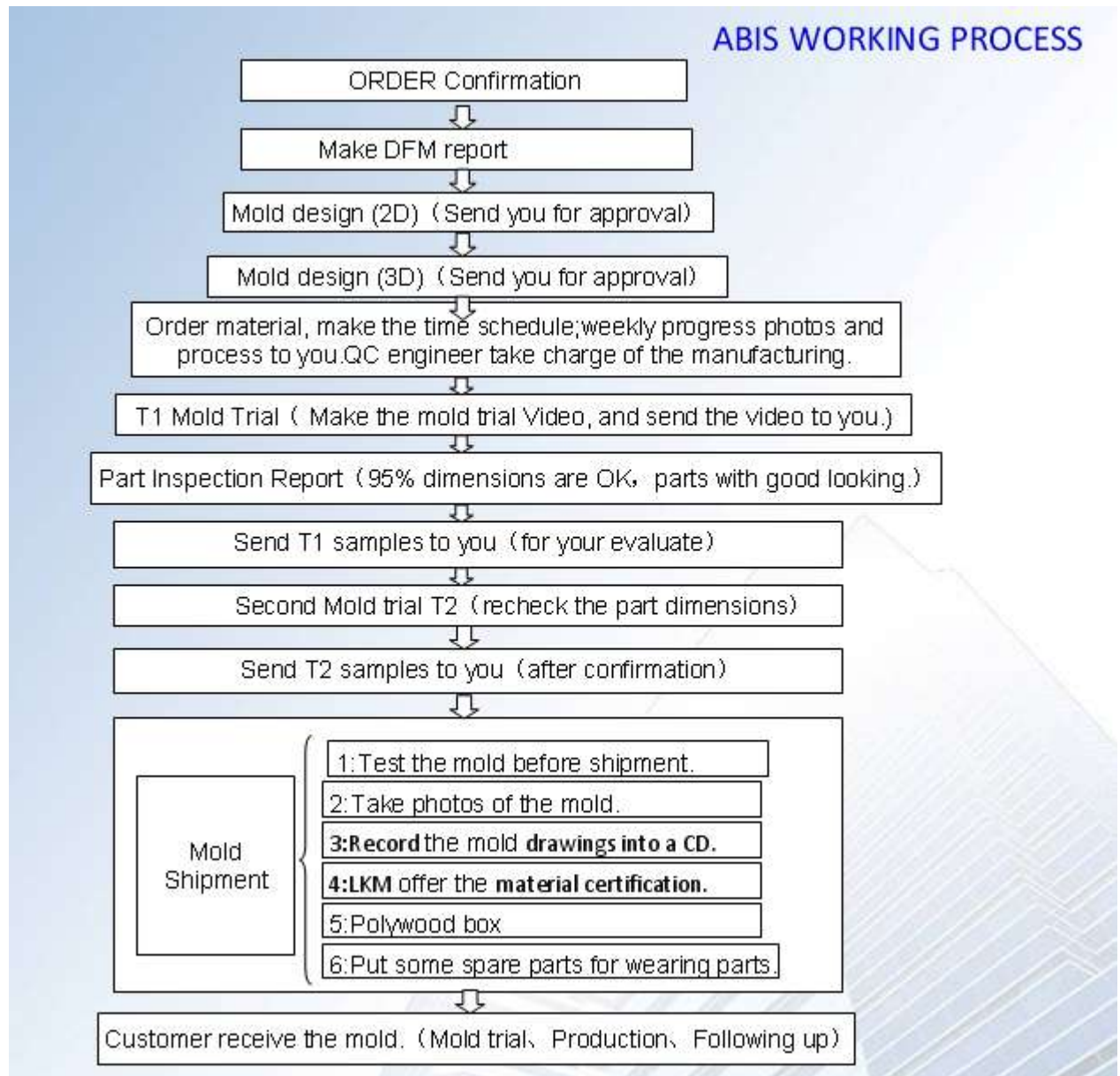
Cavity/Core Material	718H,P20,NAK80,2316,2738,DIN2344,H13 and available
Product Material	ABS,PC,PP,PVC,POM,PMMA,PS,PE,PET,RUBBER Silicone,PA,PBT,PEI,etc
Base	LKM or by requested
Structure	Double Color injection mold,Solid Mold,Insert Mold,Mold with Slide,Mold with Lifter
Runner System	Hot runner,Cold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

### Part Picture:



**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	PLACE OF ORIGIN
CNC	DMG	1	Germany
CNC	YCM-FP66A	2	Taiwan
EDM AQ35L	SODICK	3	Japan
EDM	CHARMILLES-35P	2	Swiss
EDM	TAIWAN NUMERIC CONTROL	6	Taiwan
digital display milling machine	YINGSHUN	8	Taiwan
digital display grinding machine	SUHRE	8	Taiwan
Injection molding machine	JIANDA	8	China
Injection molding machine	HAITIAN	11	China
Injection molding machine	FANUC	1	Japan
Computer	HAIER, SAUSUNG	15	China
JD12-300 digital display projection apparatus	Projector	1	China
3 Dimension Coordinate	DABAO	1	Taiwan
Wire cutting machine	QIGNYUAN	4	Shanghai
Wire EDM AQ327L	SODICK	2	Japan

### **Some of Our products:**

**Electronic Products**



**Industrial Products**



**Household Products**



**Plastic Toy**



**ABIS Family:**



**ABIS Mould packaging :**



**Packaging Details:**

The mould started to pack with wooden case after the final sample confirmed, then the mould will be sent to port and waiting for shipping.

**Delivery:**

The delivery lead time would be 35 days after payment.

**Mold Packing**



**OUR CERTIFICATE:**



FAQ:

Q1 What is the MOQ?

A: Minimum order quantity is 1 pieces. If you require more qty, the price is more cheaper.

Q2 Which 3d drawing files should go with the machines?

A: CNC machines only read \*IGS,\*STP,\*STEP,\*IGES,\*X-T format, For \*STL format,it goes with 3d printer and SLA.

Q3 What do you need to send a quotation ?

A: Usually we need the 3D files of customers' project, material, quantity of the injection parts, color and surface treatment customer need .

Q4: Is it possible to know how's product going on without visiting your company?

A: We will offer the schedule of mold making, send weekly reports with digital pictures and videos which show the machining progress.

Q5. How long is the lead-time for mold?

A: It all depends on the mold's size and complexity. Normally, the lead time is 25—35days.

If the molds are very simple and not big size, we can work out within 15 days.

Q6. I have no 3D drawing, how should I start the new project?

A: You can supply us a sample, we will help you finish the 3D drawing design.

Q7. Before shipment, how to make sure the products quality?

A:If you don't come to our factory and also don't have the third party for inspection, we will be as your inspection worker,we will supply you a video for production process detail include process report, products size,structure and surface detail, packing detail and so on, and will provide the inspection report to you.