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About us
Our Company Profile

Welcome to visit our website at:
www.fstooling.com or www.fstooling.net
Located in Dongguan, China. We specialize in manufacturing of precision metal components and custom mould components such as Sliders, Lifters/Cams, Inserts.

With state-of-the-art DMG 5-axis CNC, Charmilles precision EDM, Charmilles wire-cut as well automatically Hexagon CMM, we can keep part’s tolerance with +/- 0.005mm (0.0002”). We manufactured lots of components for TYCO indirectly each year. Our other strong point is to produce custom components for plastic injection mold or die-casting mold promptly. As we have skillful and dedicated members, good machines and client-oriented management.
Our Mission
What We Aim to Do

We Share:
not only the tasks, challenges and difficulties, but also dreams, happiness, success and benefits.

We Devoted to
our professions and skills with constant personnel training and mature system management.

We Care to:
make sure our customers are 100% happy with our products’ quality, lead time as well our services.
Our Team
Part of Our Structure

◆ **Five-Star(DG)**
Program Team, QC staffs and HR.

◆ **Management Team**
Each has his own profession while work together as a whole.

◆ **Engineering Team(SZ)**
Served as a representative of our customers, directly responsible to the customers and our bosses.

◆ **Program Team**
Professional program engineers.
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Company Tour
CNC Machining Center

- CNC
- DMG 5 axis machine
- Graphite Machines
- CNC
Company Tour
Grinding Machine

- Water Grinder
- Grinding Machines
Company Tour
Precision EDM & Precision WC

- AgieCharmilles FORM E 350
- AgieCharmilles SP3
- AgieCharmilles CUT C 350
Company Tour
Quality Control

- Projector
- Hexagon CMM
- Hardness Inspector
Our Products
Our Professions and Skills

Welcome to visit our website at:
www.fstooling.com or www.fstooling.net
Our Products
What We Can Do

• Core and Cavity

We make custom mold components, especially those parts that need CNC, EDM, WC processing.
Our Products

What We Can Do

● Sliders or Cams

We make custom mold components, especially those parts that need CNC, EDM, WC processing.
Our Products
What We Can Do

- High Tolerance Inserts

Tight tolerance parts: +/- 0.005mm
Our Products

What We Can Do

• Lifters / Cams
Our Products

What We Can Do

- Mould Inserts

Requires tolerance of around 0.005~0.015mm
Our Products
What We Can Do

- Round Parts

Tight tolerance parts: +/- 0.005mm
Our Products
What We Can Do

- Other Components
  5 axis CNC manufacturing
● FPC certificate in Dong Guan

● Steel certificate (Groditz or S+B)
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Our Clients
Direct & Indirect Customers

SANIT
Kärcher
Micron Products, Inc.
Electrolux
IKEA
AIRBUS
Jabil
Henkel
Methode
Johnson Controls
Kolektor
Rhythmia Medical
ttij
Magna
1. Q: Do you have experience to build export precision metal components? 
A: Yes, we do. Over 95% of our components are exported.

2. Q: How many employees do you have currently? 
A: 23

3. Q: What’s the industrial percentage of your components? 
A: About 40% for automotive, 30% for medical, 30% for others.

4. Q: Can you make precision mould components? 
A: Yes. So far the best we can do is +/- 0.002mm. Normal tolerance will be +/- 0.005~0.015mm.

5. Q: How about the steel you usually use? 
A: We use steel with good quality like P20, P20H, 718H, NAK80, 1.2311, 1.2378, 1.2344, 1.2343 ESR, 1.2767, H13, 8407, 420SS, S136, S-7, A2 etc. They are all from famous suppliers, such as Groditz, ASSAB, S+B, etc. Steel certificate and heat-treatment certificate will be provided when customer required.
6. Q: What do you need for quotation? And what kind of software do you use?
   A: We need 2D & 3D components files, components specifications and BOM list.
   We mainly use UG. But it is OK for us to read the files of CATIA, PRO-E and Solidworks, etc.

7. Q: Why can you do low-cost?
   A: Focus and experience make high efficiency. Then it results in low cost.

8. Q: How about the lead time for components manufacturing?
   A: Usually 1 to 3 weeks after received orders. For urgent projects, we can do 24 hours delivery as long as we can work it out.
Contact us

Five-Star Precision Components Limited (Components Manufacturing Shop)

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Five-Star Tooling Limited (Mold Shop)

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