



## AT A GLANCE

|                    |                 |                   |                |                    |
|--------------------|-----------------|-------------------|----------------|--------------------|
| CNC TOLERANCE      | SAMPLES         | PRODUCTION        | MOQ            | QUOTE + DFM        |
| <b>+/-0.005 mm</b> | <b>3-7 days</b> | <b>15-25 days</b> | <b>100 pcs</b> | <b>within 24 h</b> |

## CORE PROCESSES & CAPABILITIES

| PROCESS                   | TOLERANCE (TYP / BEST)  | CAPACITY          | TYPICAL PARTS                       |
|---------------------------|-------------------------|-------------------|-------------------------------------|
| CNC Milling (3/4/5-axis)  | +/-0.01 / +/-0.005 mm   | 1200 x 800 mm     | Housings, brackets, shafts, plates  |
| CNC Turning               | +/-0.01 / +/-0.005 mm   | D380 x 600 mm     | Pins, bushings, spacers, fittings   |
| Metal Stamping            | +/-0.05 / +/-0.02 mm    | 25-400T presses   | Terminals, shields, clips, brackets |
| Die Casting (Al / Zn)     | +/-0.10 / +/-0.05 mm    | 160-800T machines | Gearbox & motor housings, covers    |
| Injection Molding         | +/-0.05 mm / per dwg    | 90-530T machines  | Enclosures, knobs, structural parts |
| Mold & Tooling (in-house) | EDM, wire-cut, grinding | own tool shop     | Progressive dies, casting & molds   |

## MATERIALS & FINISHES

|                 |                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Metals</b>   | Aluminum 5052/6061/6063/7075 - Stainless 303/304/316/430 - Carbon & alloy steel - Copper, brass, bronze - Titanium TC4 - Zamak 3/5                                                 |
| <b>Plastics</b> | ABS, PC, PC+ABS, PA6/PA66 (GF), POM-C/H, PEEK, PTFE, PMMA, PP, TPU - food-contact & UL94 V-0 grades on request                                                                     |
| <b>Finishes</b> | Anodizing Type II/III (colors) - Zinc/nickel/chrome plating - Powder coating (full RAL) - Passivation - Black oxide - Bead blast, brushing, polishing - Laser marking, silk-screen |

## QUALITY & COMPLIANCE

|                      |                            |                         |                          |                             |
|----------------------|----------------------------|-------------------------|--------------------------|-----------------------------|
| SYSTEM               | REPORTS                    | INSPECTION              | METROLOGY                | DOCS                        |
| <b>ISO 9001:2015</b> | <b>IATF / RoHS / REACH</b> | <b>IQC-IPQC-FQC-OQC</b> | <b>CMM, 2.5D, gauges</b> | <b>FAI + material certs</b> |

## FROM DRAWING TO DELIVERY

Send drawings (STEP/IGES/DWG/PDF) > Free DFM + quote in 24 h > In-house tooling > Samples 3-7 days  
Mass production 15-25 days > 100% pre-ship inspection > EXW / FOB / DDP

**Send your drawings - get a quote in 24 hours**

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**24h**