One-Stop Metal Parts Manufacturing | Shenzhen, China

AT A GLANCE

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

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

Metals Aluminum 5052/6061/6063/7075 - Stainless 303/304/316/430 - Carbon & alloy steel - Copper, brass, bronze - Titanium TC4 - Zamak 3/5

Plastics ABS, PC, PC+ABS, PA6/PA66 (GF), POM-C/H, PEEK, PTFE, PMMA, PP, TPU - food-contact & UL94 V-0 grades on request

Finishes 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
ISO 9001:2015	**IATF / RoHS / REACH**	**IQC-IPQC-FQC-OQC**	**CMM, 2.5D, gauges**	**FAI + material certs**

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