

HIGH-PRECISION

INJECTION MOLDED PARTS

REPEATABLE PRECISION.
PRECISION ENGINEERED.

OUR EXPERTISE

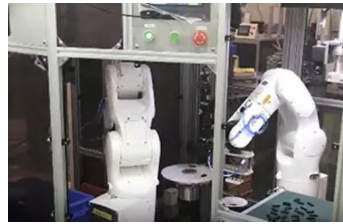
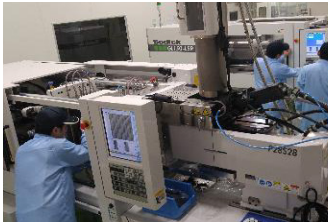
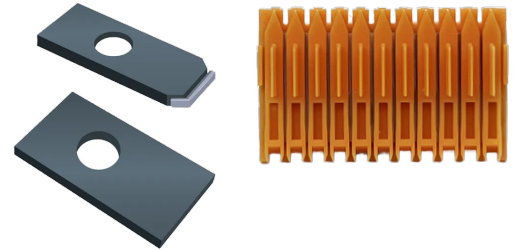
IN-HOUSE MOLD PRODUCTION

Integrated design, machining & analysis
Ultra-precise machining: Tolerance <0.005mm/Micron-level (μm) adjustment
Flow simulation: Driven mold design
Automated packaging and inspection systems



CERTIFIED FOR MEDICAL & AUTOMOTIVE STANDARDS

Class 100,000 cleanroom with circulated air intake
Activated carbon filtration for phthalate removal
External support systems: Dryer & material feeding units



TRUSTED IN HDD AND AUTOMOTIVE



**MINIMAL CRACKING
(POM + SUS)**

ON METAL INSERT MOLDING



<0.004mm

EXCEPTIONAL FLATNESS
ON THIN PARTS



$\pm 0.005\text{mm}$

ULTRA-TIGHT TOLERANCES



**PEI, PES, PPS,
LCP, PFA**

EXPERTISE IN ADVANCED
ENGINEERING PLASTICS

GLOBAL MANUFACTURING NETWORK

Our multi-site production model safeguards business continuity and strengthens resilience against natural disasters and supply chain disruptions.



BELGIUM

ISO 9001/14001
IATF 16949 Equivalent

Resin and resin assemblies available



JAPAN

ISO 9001/14001
IATF 16949

Advanced manufacturing plant for
medical applications



SINGAPORE

ISO 9001/14001

Metal insert mold available



For further information:
<https://www.yamauchi-rubber.com/contact/>