



**3B TITAN  
TOOLS**

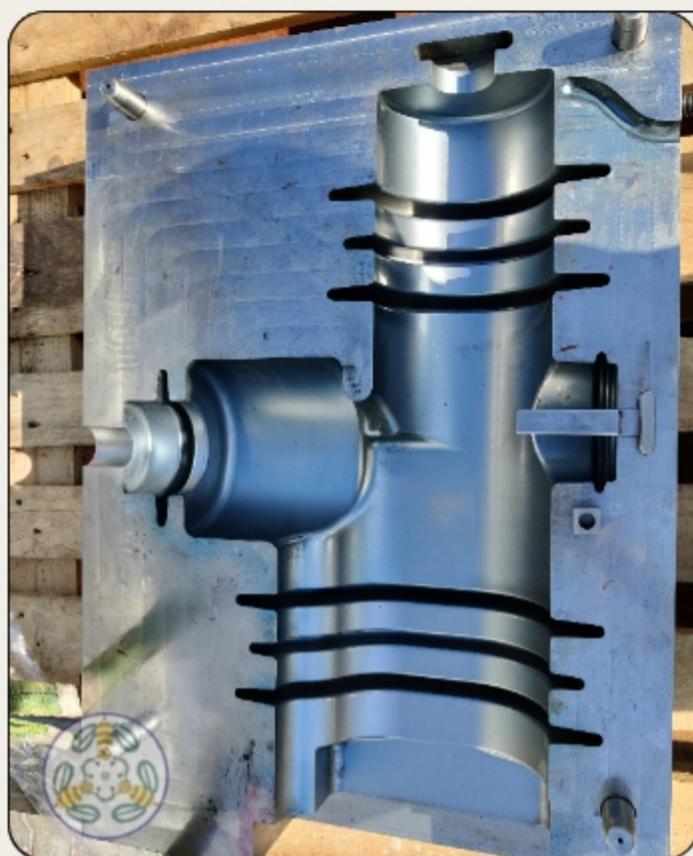
# **INDUSTRIAL MOLDS & COMPONENTS SHOWCASE**



15, SIDCO Industrial Estate, Five  
Roads, Tamil Nadu – 636004



# AUTO RECLOSER MOLD (A & B)



## AUTO RECLOSER MOLD - A

High-precision Auto Recloser molds (A and B) engineered for electrical insulation and power distribution equipment.

## AUTO RECLOSER MOLD - B

Designed with durable steel and optimized cooling channels for efficient molding cycles and consistent product quality.





# CENTER SWITCHING SHAFT MOLD ASSEMBLY



**CENTER SWITCHING SHAFT MOLD WAITING FOR ASSEMBLY**

**CENTER SWITCHING SHAFT MOLD CAVITY WITH CAM**

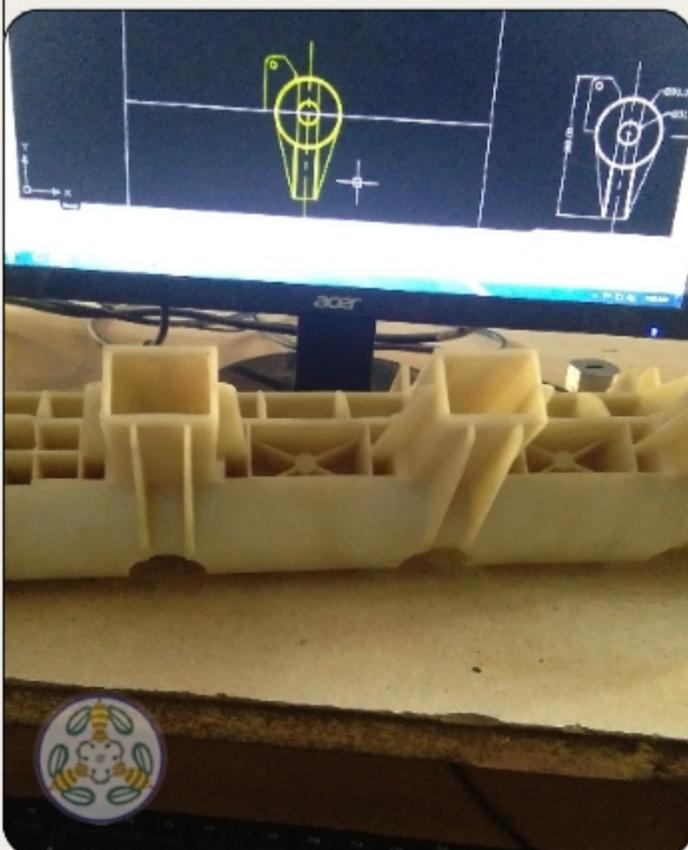


- WAITING FOR ASSEMBLY: CENTER SWITCHING SHAFT MOLD PREPARED FOR ASSEMBLY ALIGNMENT.
- **CAVITY WITH CAM: ADVANCED MOLD CAVITY INTEGRATED WITH CAM MECHANISM FOR ACCURATE PART EJECTION.**
- PLASTIC PART: FINISHED CENTER SWITCHING SHAFT PLASTIC PART EXHIBITS PERFECT DIMENSIONAL ACCURACY AND SMOOTH FINISH FOR SWITCHGEAR APPLICATIONS.



CENTER SWITCHING SHAFT MOLD CAVITY

CENTER SWITCHING SHAFT MOLD CORE



CENTER SWITCHING SHAFT PLASTIC PART



# CENTER SWITCHING SHAFT MOLD ASSEMBLY





# EPOXY PART SAMPLES (12KV & 22KV HOUSINGS)



**EPOXY PART SAMPLE  
12KV HOUSING MOLD  
CAVITY A**



**EPOXY PART SAMPLE  
12KV HOUSING MOLD  
CAVITY B**



- 12KV HOUSING MOLD (CAVITY A & B): DUAL-CAVITY MOLDS DESIGNED FOR HIGH-VOLTAGE INSULATION HOUSINGS.
- **12KV & 22KV EPOXY PARTS: FINISHED EPOXY RESIN PARTS DEMONSTRATE SUPERIOR DIELECTRIC STRENGTH AND DIMENSIONAL STABILITY.**



**EPOXY PART SAMPLE  
12KV HOUSING MOLD**



**EPOXY PART SAMPLE  
12KV HOUSING**



- **PROTOTYPE MOLD: EARLY-STAGE EPOXY RESIN PROTOTYPE MOLD USED FOR R&D AND PERFORMANCE TESTING.**



**EPOXY PART SAMPLE  
12KV HOUSING MOLD**

**PROTOTYPE MOLD**



# INJECTION PLASTIC PART SAMPLES



**INJECTION PLASTIC  
PARTS SAMPLES 1**

**INJECTION PLASTIC  
PARTS SAMPLES 2**



- **SERIES OF PLASTIC INJECTION MOLDED PARTS (1, 2, 3, 4) SHOWCASING ACCURACY, UNIFORM TEXTURE, AND REPEATABILITY – SUITABLE FOR ELECTRICAL, AUTOMOTIVE, AND INDUSTRIAL USES.**



**INJECTION PLASTIC  
PARTS SAMPLES 3**



**INJECTION PLASTIC  
PARTS SAMPLES 4**

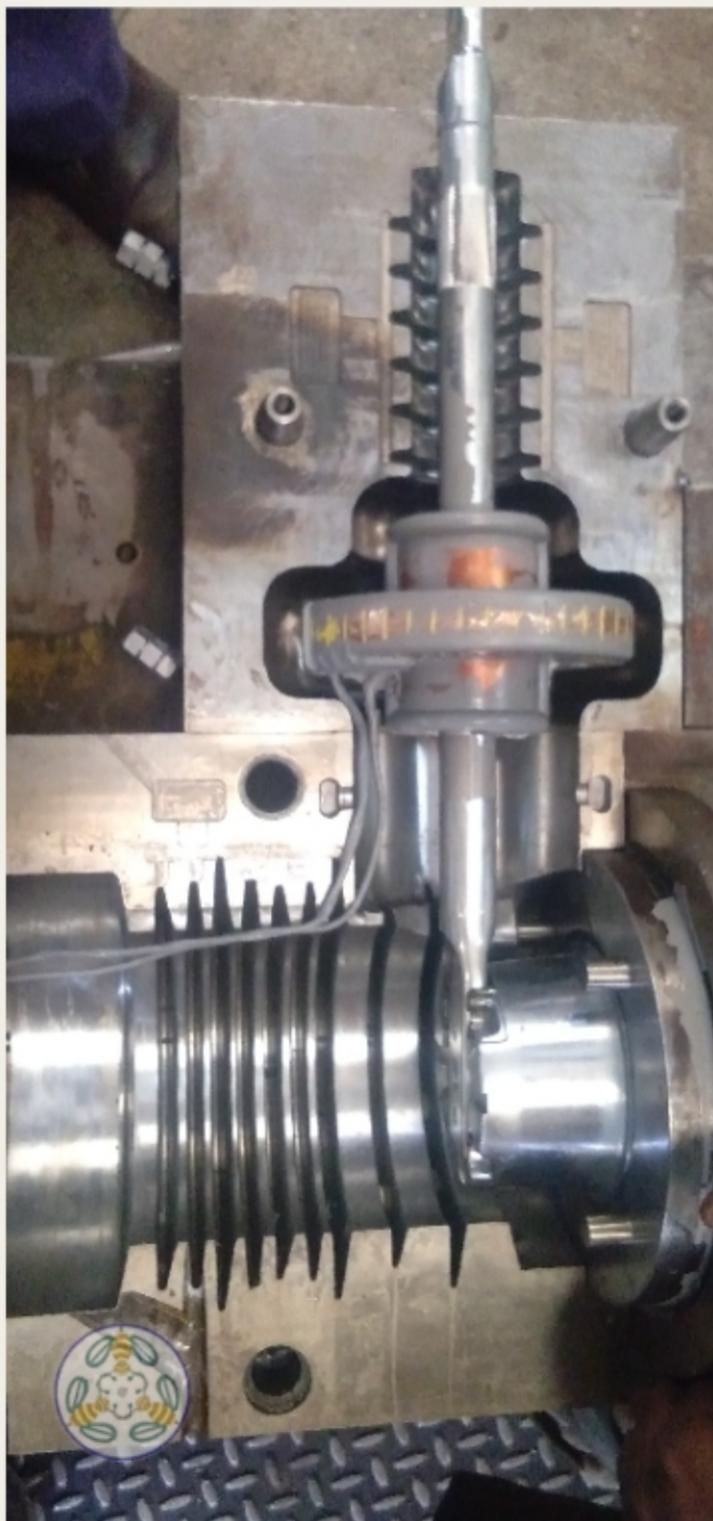


# INSERTED COIL MOLD

**HIGH-PERFORMANCE INSERTED COIL MOLD ENSURING PERFECT ALIGNMENT OF METAL INSERTS WITH PLASTIC ENCAPSULATION. DESIGNED FOR PRECISION COIL HOUSING PRODUCTION.**



**INSERTED COIL MOLD A**



**INSERTED COIL MOLD B**

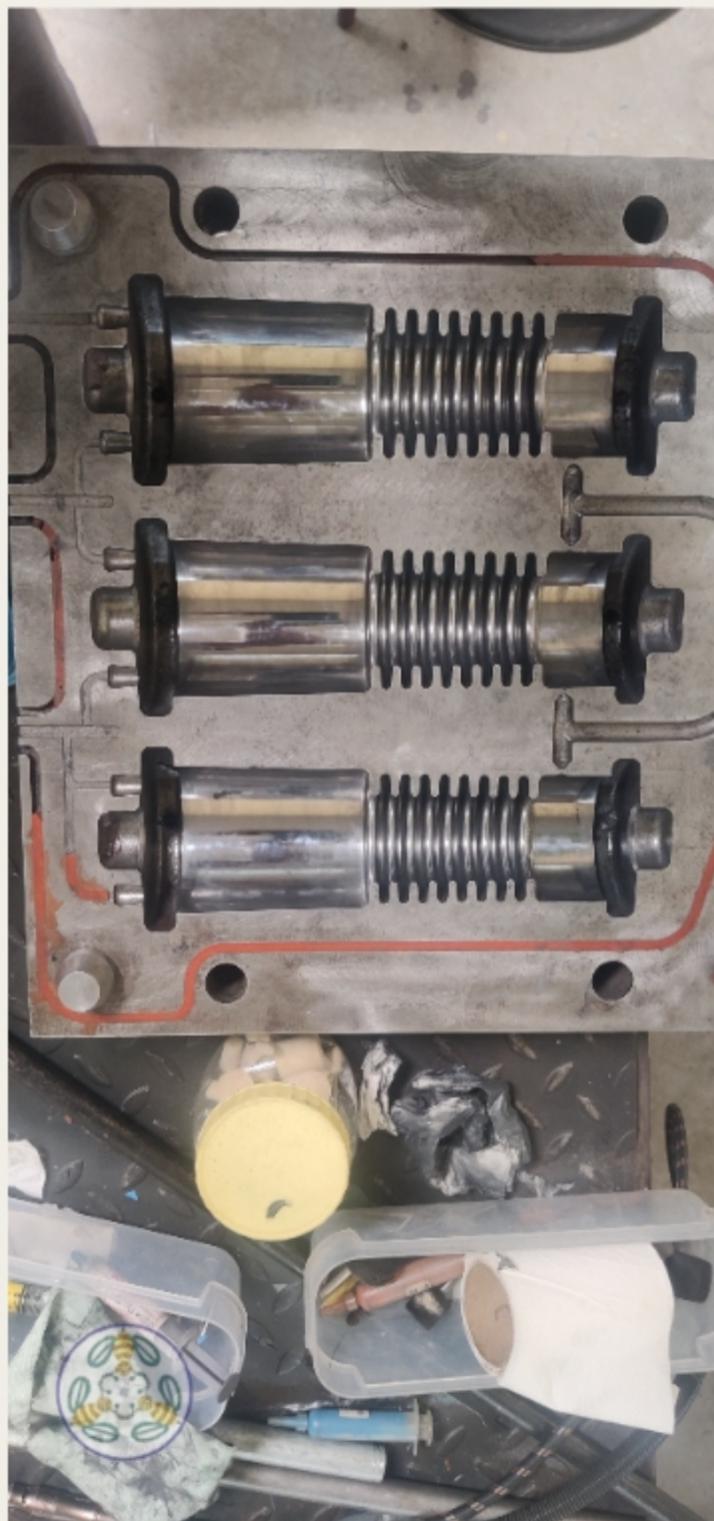


# INSULATOR MOLD POLISHING

**HIGH-FINISH INSULATOR MOLD POLISHING FOR IMPROVED  
RELEASE QUALITY AND CONSISTENT SURFACE FINISH ON MOLDED  
COMPONENTS.**



**INSULATOR  
MOLD A**



**INSULATOR  
MOLD B**



# PLASTIC INJECTION MOLDS & CAVITY SAMPLES



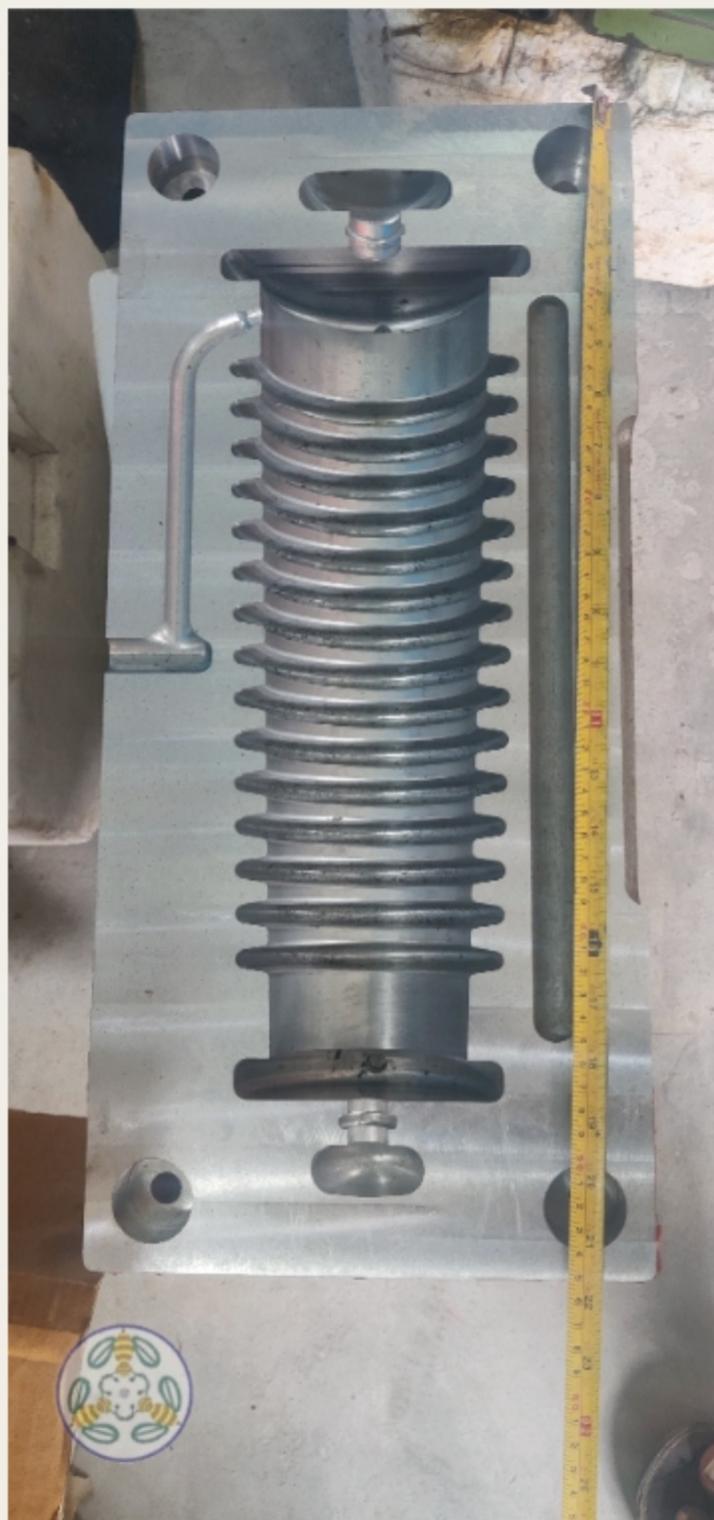
Find more [www.3btitantools.in](http://www.3btitantools.in)



- PLASTIC MOULD CAVITY SAMPLE 1 & 3: ENGINEERED CAVITIES ENSURING HIGH TOLERANCE CONTROL.
- **PLASTIC PART SAMPLES 2: FINISHED MOLDED PARTS VERIFYING TOOLING ACCURACY AND PART SYMMETRY.**



**PLASTIC MOLD  
CAVITY SAMPLE 1**



**PLASTIC MOLD  
CAVITY SAMPLE 2**



# POLISHED MOLD

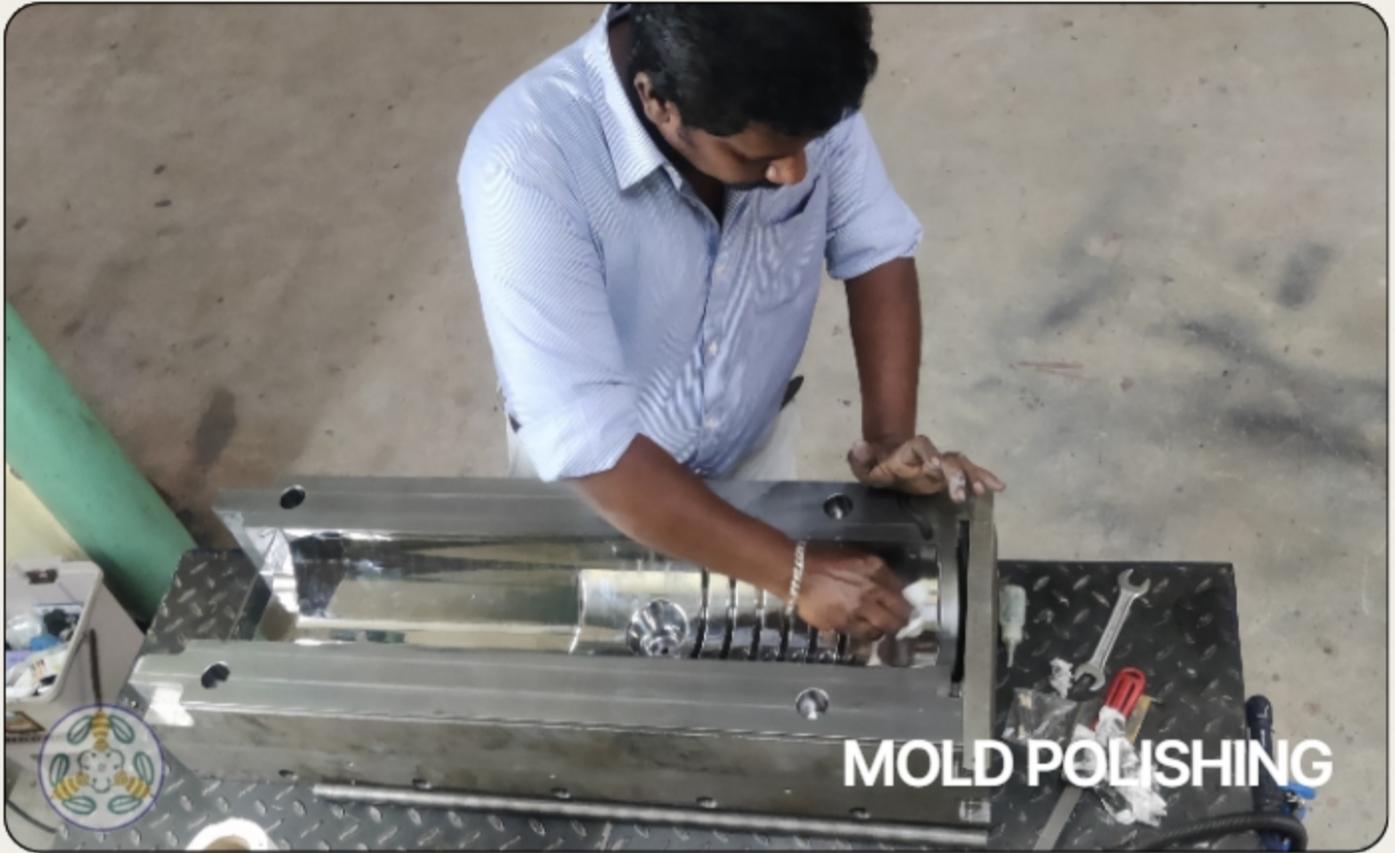
**FINAL STAGE POLISHED MOLD READY FOR PRODUCTION —  
ENSURING SMOOTH SURFACE FINISH AND MINIMAL  
MAINTENANCE.**



**POLISHED MOLD**

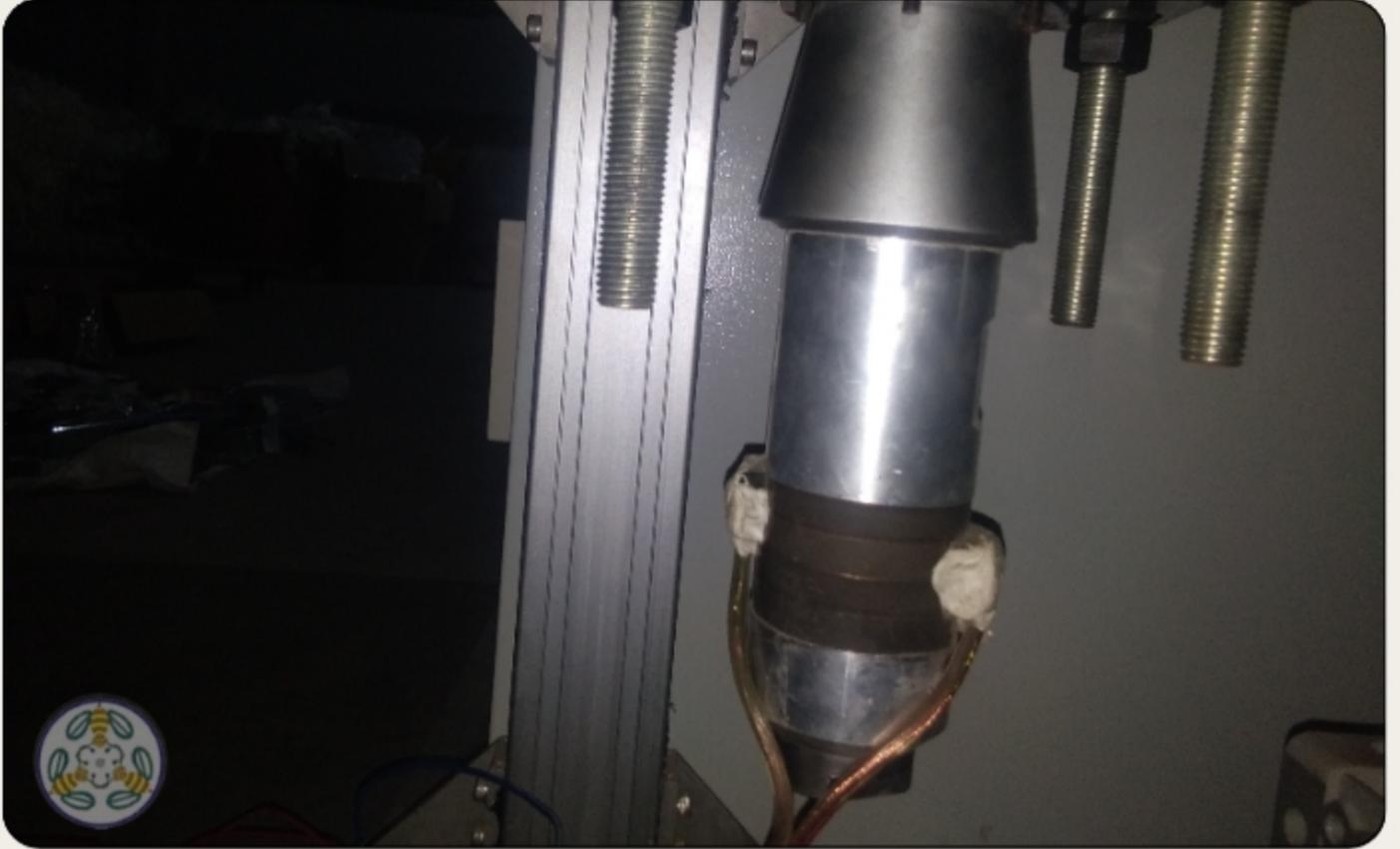
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# PRESSTOOL PARTS & POLISHED SAMPLES





# RUBBER MOLD INSERTS



# SENSOR MOLD

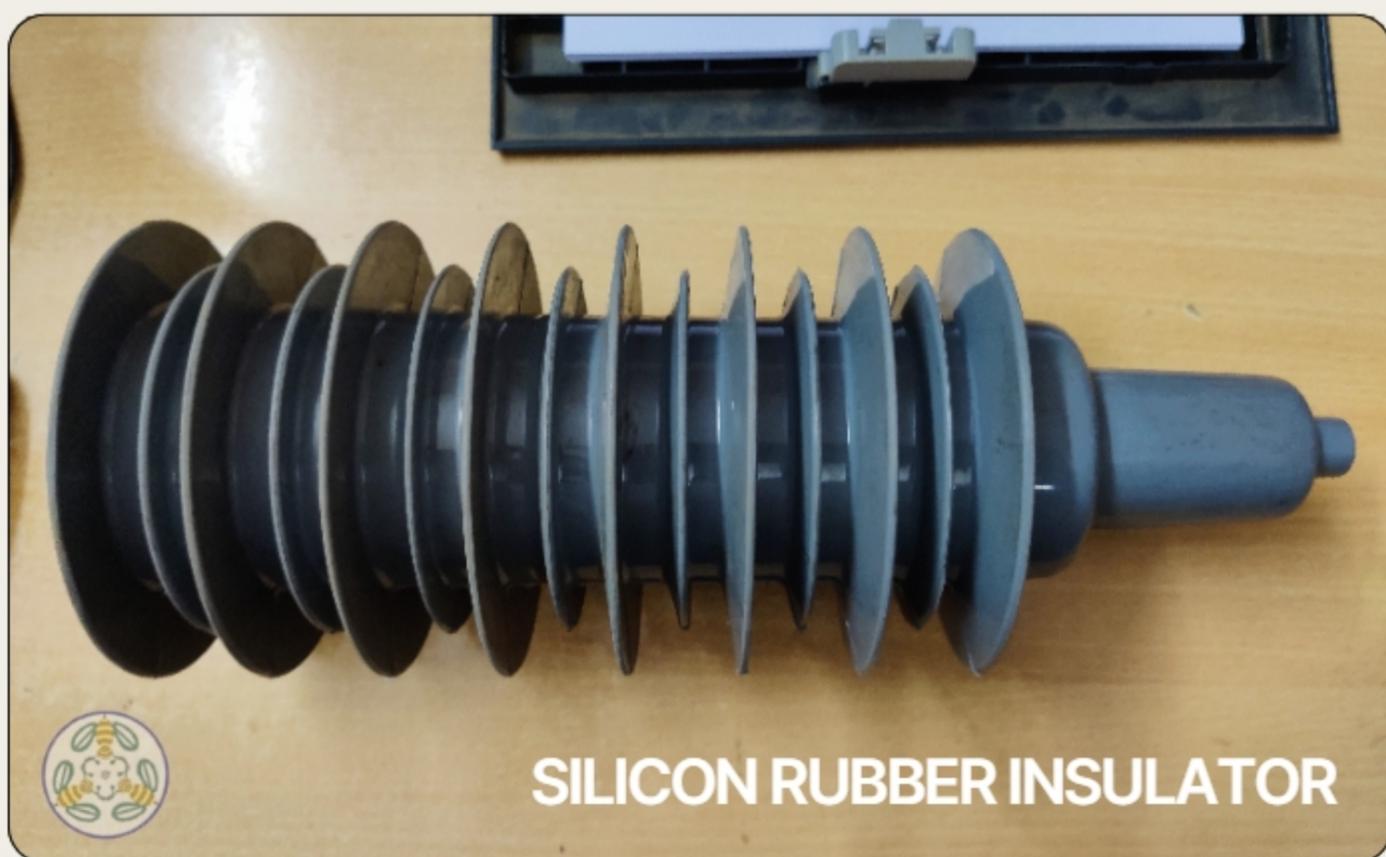


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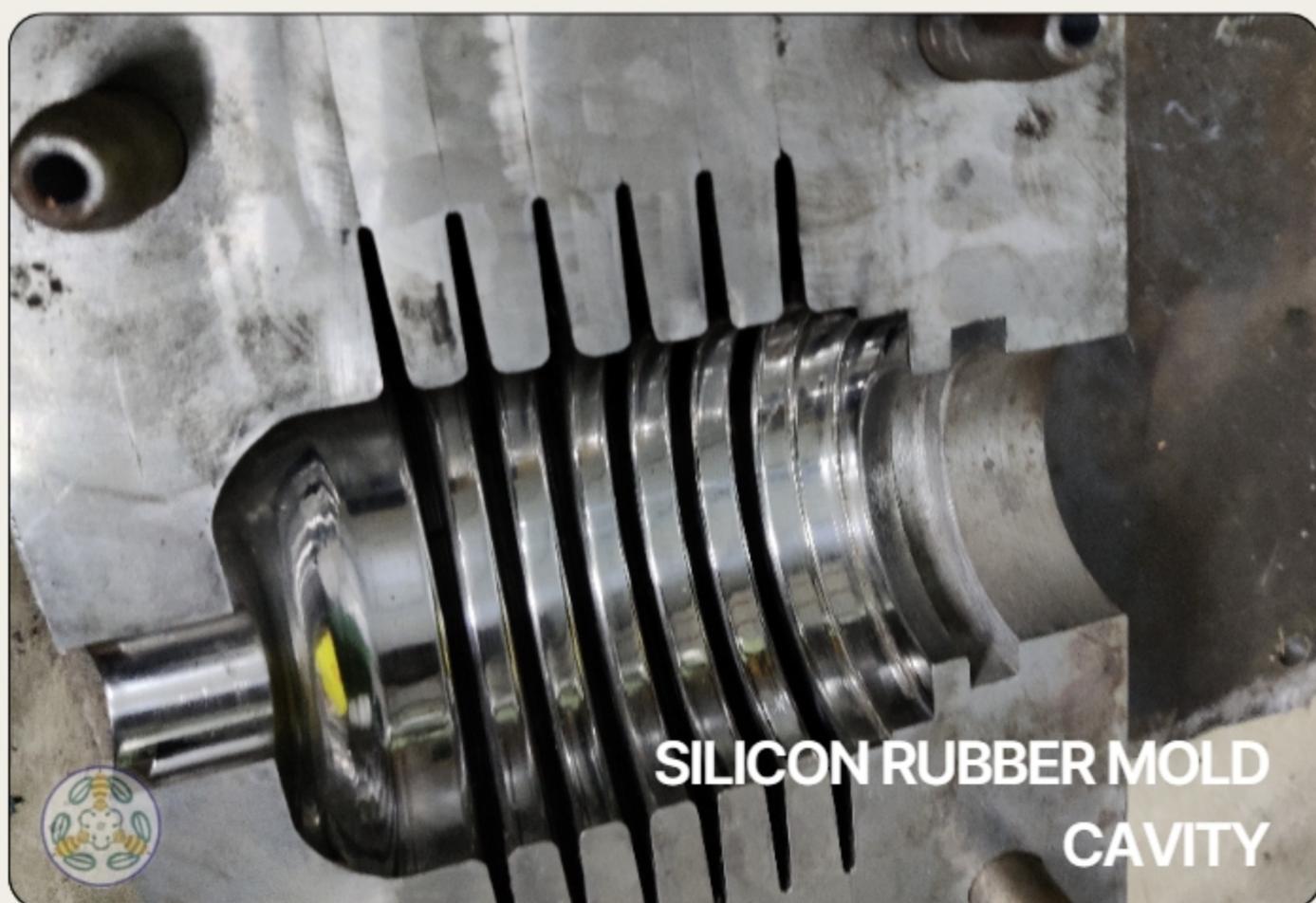
# SILICON RUBBER SERIES

- **SILICON RUBBER BELLOW: FLEXIBLE AND HIGH-DURABILITY BELLOWS FOR INSULATION AND PROTECTION.**
- **SILICON RUBBER INSULATOR: HIGH DIELECTRIC STRENGTH INSULATOR FOR SWITCHGEAR AND POWER APPLICATIONS.**





- **SILICON RUBBER MOLD ASSEMBLY & CAVITY:  
COMPLETE MOLD SETUP AND CAVITY STRUCTURE  
DESIGNED FOR CONSISTENT PERFORMANCE AND  
PRECISION MOLDING.**



# SAMPLE PARTS



**HIGH-FINISH SAMPLE PARTS FOR IMPROVED RELEASE QUALITY AND CONSISTENT SURFACE FINISH.**



**SWITCH HOUSING  
PLASTIC PART  
SAMPLE**



**SWITCH HOUSING  
PLASTIC PART  
SAMPLE 2**

