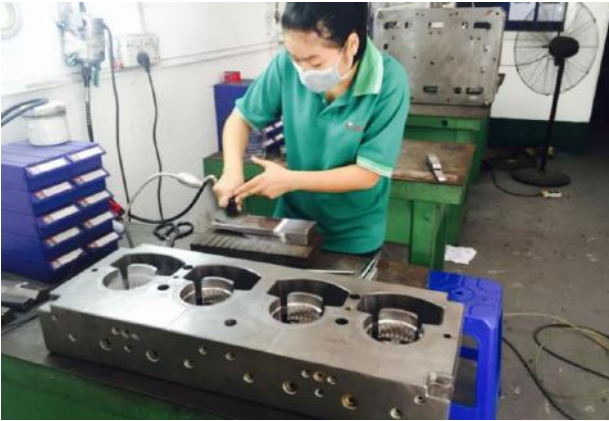


## Plastic injection mould surface treatment

### A.Lapping:

After mould finishing, we usually use file, sandpaper, oilstone to eliminate the knives marks and EDM marks on the mould surface, this will make demoulding easier when producing plastic parts.

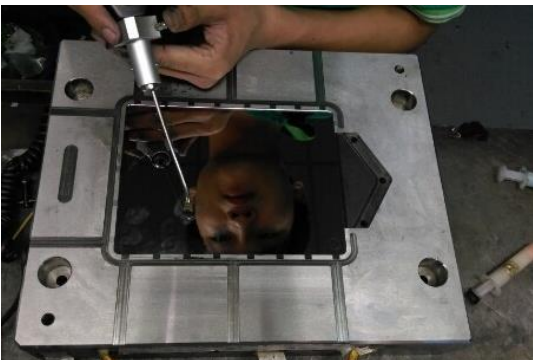
All lapping is made by hands, the tools used includes polisher, handheld ultrasonic welder, diamond paste etc. Generally lapping can use 800# sandpaper, surface roughness reaches about Ra 0.05-0.08(GB).



### B.Polishing:

On the foundation of lapping, use 1200# or above sandpaper, then use diamond paste to polish, roughness can reach to Ra 0.025-0.05(GB) at least or above, this is called Polishing.

Polishing has two methods, one is completed made by hands, another is chemical polishing, also called as mirror polishing.



### C.Texturing:

Corroding mould surface by using chemical solvents to have textures on the surface of the mould, this processing is called texturing. We can also set up parameters specially to leave EDM marks remaining on the mould surface when EDM machine is working, replacing making extra EDM marks, in this processing way, the products will be aesthetic and have good touch feeling.

