If the punch for front/rear extrusion of the hollow parts is broken, it may cause serious accident when they are transferred to the next station.

Punch breakage detection system is a device with air sensor on the punch which detect the breakage of the punch and force the chuck finger to open to eliminate the blank $A$ with broken punch so that prevents accident and its chain reaction.

**Example of normal hollow parts forming**

**In case an air sensor is equipped**