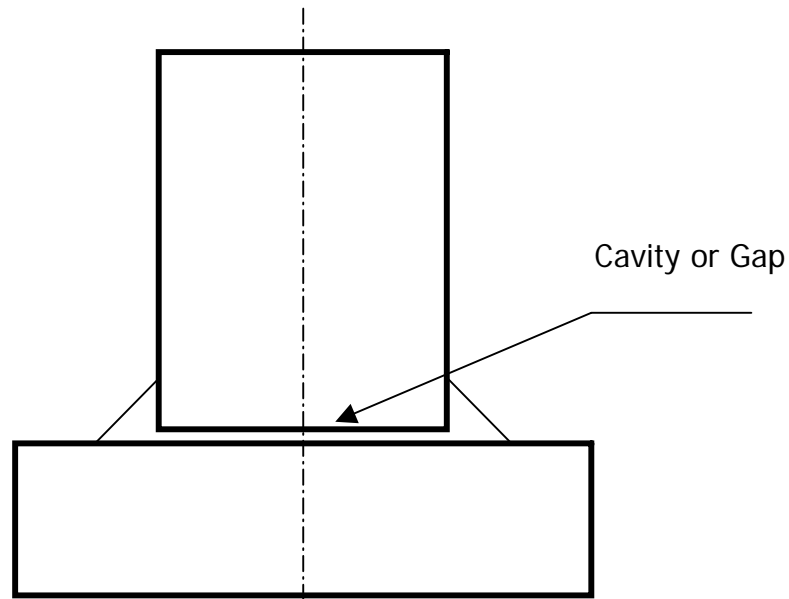


Schematic representation of mechanically induced porosity



When circumferential welding the fillet joint, the temperature rise within the cavity between the two parts extends the air or vaporizes moisture or existing contaminants, respectively. These gaseous constituents try to escape finally through the solidifying weld bead and may create porosity.

