Control during acid pickling solution temperature and strip surface flat state e

1 pickling bubble
Pickling bubble is due to metal interaction acid and bare, and generates hydrogen caused by. The hydrogen atoms of metal and acid to produce chemical reaction, generate some hydrogen atoms, it penetrates into the crystal lattice of metal, and make its deformation, deformation after the hydrogen diffusion to more metal, in which a part of hydrogen atoms through the metal and molecular, escaping from the acid liquid, part of hydrogen atom molecule in the crystal lattice deformation "micro vacancy" boundary, for inclusion and porosity or metal, hydrogen pressure in the air can reach hundreds of atmospheric pressure, so that the metal produced by stress of hydrogen embrittlement.
Preventive measures: to adjust the concentration of acid solution.
2 after pickling
Metal for too long in the acid solution is to stay, make it in acid solution under the action of surface gradually become rough pitted. Pickling is because the unit of continuous operation is interrupted, acid loss of continuity, or because of the broken band steel processing time.
Preventive measures: to close the whole unit operation coordination, to ensure normal production.