

PIPE JOINT CONSTRUCTION

A B S T R A C T

[ABSTRACT] To provide a pipe joint construction with which swift and strong connection is possible without flare work on an end portion when a pipe composed of aluminum, a pipe joint construction provided with a joint main body 1 with a male screw and a cap nut 3 screwed to a male screw 2 of the joint main body 1 to connect an aluminum pipe 4, has a cylindrical compressed deformation sleeve 7, stored in an inner storing space 10 of the cap nut 3 and having a concave peripheral groove 9 on a peripheral face 8, in which a bottom thin wall portion 13 of concave groove, receiving compressing force F in axial direction from the joint main body 1 and the cap nut 3 when the cap nut 3 and the male screw 2 of the joint main body are screwed, is plastically deformed in a radial inner direction to bite into a peripheral face 14 of an inserted aluminum pipe 4 for stopping the aluminum pipe 4.

Figure 2