

ABSTRACT

A first ring whose hardness is higher than a hardness of a pipe and equal to or less than a hardness of a joint, and a second ring whose hardness is higher than the hardness of the joint are inserted through the pipe. The pipe is inserted through a fastening member, and a tip of the pipe is inserted into a first concave part of the joint. By screwing a screw part of the fastening member to a screw part of the joint, the first ring and the second ring held between a first contact surface provided to the first concave part of the joint and a second contact surface provided to a second concave part of the fastening member are pressed against the first contact surface, and bite into the pipe to fix the pipe. Further, the pipe fixed by the first ring and the second ring is moved to a joint side by a pressing force to press an orifice plate installed to an installation surface of the joint against the installation surface side with the tip of the pipe. Consequently, when connecting the pipe to the joint to which the orifice plate is disposed, it is possible to maintain sealability of a flow path in the joint at a plurality of places including a place of the orifice plate.

Fig. 6B