

ABSTRACT

An object of the present invention is to provide a tube joint, which is capable of properly limiting the degree of biting a tube (42). In the tube joint of the present invention, an inner section (36) of a collet (34) is divided into a plurality of engage pieces (38), each of which has a nail section (46) capable of biting the tube (42). An inner tapered face section (40) is formed on an inner wall of a joint proper (10). Diameter of the inner tapered face section (40) is made greater toward an inner part. The inner tapered face section (40) is capable of reducing diameter of the engage pieces (38) when the collet (34) is pulled outward. An elastic ring (64) is capable of moving outward with rising fluid pressure in the joint proper (10). A tapered ring (54) is capable of bending the engage pieces (38) radially outward when the collet (34) is pushed axially inward and bending the same radially inward when the collet (34) is pulled axially outward.

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