

ABSTRACT

SPACE FRAME ROD

A space frame rod includes a rod, and two bolts and two sleeves. The rod is made of a metal tube provided with a conical member respectively at two ends, and each conical member has a small-diameter section formed with an inner hole. Each bolt has its head located in one of two ends of the rod and its shank extending out of each end of the rod. The sleeve is fitted around a part of the shank of each bolt, and a threaded end of the bolt screws with a threaded hole of a ball joint so as to combine the rod with the ball joint to form a part of a space frame. Therefore, the space frame rod does not need welding or grinding, as a conventional space frame rod needs to be welded with two conical heads and then be ground.

FIG. 2