

ABSTRACT

STEEL MEMBER VERTICAL JOINT STRUCTURE

A vertical joint structure for steel members according to the present disclosure includes steel member-side projections configured to respectively project from one steel member and another steel member that are coupled together along a member-axial direction so as to project from an end portion side face of the one steel member and from an end portion side face of the other steel member, each of the steel member-side projections being formed with a steel member-side inclined face that is inclined with respect to a projection direction on at least one of a side of the steel member-side projection facing toward a boundary between the two steel members or another side of the steel member-side projection away from the boundary between the two steel members; a coupling member that includes a flat plate configured to be disposed straddling the boundary, coupling-side projections projecting from the flat plate toward end portion side faces of the respective steel members, and a coupling-side inclined face being formed at each of the coupling-side projections so as to oppose the steel member-side inclined faces of the steel member-side projections; and a fixing member that presses each coupling-side inclined face against an opposing steel member-side inclined face in a state in which a gap is formed between the flat plate and the steel member-side projection.

FIG. 2