

Abstract of invention

【TITLE】 Positioning joint structure of steel beam column or steel cage or diaphragm wall having infinitely extending connection

【ABSTRACT】

A positioning joint structure of steel beam columns or steel cages or diaphragm walls having infinitely extending connection comprises a first joint piece, a second joint piece, and a pivot device. The first joint piece is formed by joining a first steel beam section and a first pivot section, which has the first external teeth, through friction welding wherein the location of friction welding has a first protruding part and a first mounting element is installed on the first pivot section. In addition, the second joint piece is formed by joining the second steel beam section and a second pivot section, which has the second external teeth, through friction welding wherein the location of friction welding has a second protruding part. Both ends of the pivot device are screwed to the first joint piece and the second joint piece respectively.

【REPRESENTING DRAWING】 Fig. 1

【COMPONENT SYMBOL of REPRESENTING DRAWINGS】

- 1 positioning joint structure of steel beam columns or steel cages or diaphragm walls having infinitely extending connection
- 1 1 first joint piece
- 1 1 1 first steel beam section
- 1 1 2 first pivot section

- 1 1 3 first protruding part
- 1 1 4 first mounting element
- 1 2 second joint piece
- 1 2 1 second steel beam section
- 1 2 3 second protruding part.
- 1 3 pivot device

【REPRESENTING CHEMICAL FORMULAS】

None