

ABSTRACT

JOINT MECHANISM AND CONNECTION METHOD FOR STEEL PIPE

5 Contemplated are simplification and cost reduction in arrangement of
connecting a pair of steel pipes to each other. A joint mechanism for a
pair of steel pipes 1A, 1B include inner joints 10A, 10B and an outer joint
20 disposed circumferentially across and between the inner joints 10A,
10B. The outer joint 20 includes inward key portions 23 engageable
10 with outward circumferential grooves 13 of the inner joints 10A, 10B.
The outer joint 20 is formed of a plurality of unit members 12 disposed
side by side around the inner joints 10A, 10B. A standard unit member
21A includes an engaging projecting portion 24 whereas the inner joints
10A, 10B respective include an engaging sunk portion 14 engageable
15 with the engaging projecting portion for preventing detachment of the
standard unit member 21A to the outside. A wall face constituting the
engaging sunk portion 14 includes a cutout portion 15A, 15B which
allows insertion of the standard unit member 21A to a position where the
engaging projecting portion 24 is engageable with the engaging sunk
20 portion 14.

[Fig.1]