

THREADED JOINT FOR PIPES

ABSTRACT

To prevent fracture of a box under a tensile load without increasing the
5 outer diameter of the box. The presently disclosed threaded joint for pipes
includes a pin provided with a male thread portion, which is a male tapered
thread, at one end of a first pipe, and a box provided with a female thread
portion, which is a female tapered thread to be screwed with the male thread
portion, at one end of a second pipe, where the female thread portion has a
10 plurality of thread grooves, each of the plurality of thread grooves has a corner
portion on a load flank side and a corner portion on a stabbing flank side on a
thread bottom side, a corner portion on a load flank side of a first thread
groove, which is the thread groove farthest from an end of the box among the
plurality of thread grooves, includes a first arc portion that is directly
15 connected to a load flank and has a first curvature radius, and a second arc
portion that is directly or indirectly connected to the first arc portion and has
a second curvature radius, and a ratio of curvature radius, which is a ratio of
the second curvature radius to the first curvature radius, is 3 or more.

20 (Fig. 7)