

A B S T R A C T

**THREADED CONNECTION FOR TWO METAL PIPES WITH A HIGH
MAKEUP TORQUE**

The threaded connection for two metal pipes of the invention comprises a
5 tapered male thread (3) with trapezoidal threads on the male element and a mating
female thread (4) on the female element.

The thread width ($l\ 3, l\ 4$) of the male and female threads (11, 12) at the thread
crest is less than the thread width at ($l\ 1, l\ 2$) at the thread root.

The width of the thread crests ($l\ 3, l\ 4$) is larger than that ($l\ 6, l\ 5$) of the roots
10 of the mating threads.

The male and female elements are screwed to a position located beyond that of
the position where the two flanks (13, 15) of the male threads come into contact with
the two flanks (14, 13) of the female threads.

Such a connection permits makeup with a very high torque.

15 The threads of one and/or the other of the threads can optionally comprise a
groove opening into the thread crest.

Figures for abstract: 4 and 5.



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