

ABSTRACT**METHOD OF WORKING CONNECTION END OF DEFORMED BAR FOR REINFORCING CONCRETE**

With an object of providing a method of working a connection end portion of deformed bar for reinforcing concrete considerably reducing working expense by enhancing easiness of working by promoting mechanical strength of a connection portion by being able to work the connection portion without destructing a steel skeleton structure of a connection portion between pieces of steel bar, deformed bar worked by the method and a connection structure of deformed bar, the invention provides a method of working a connection end portion of deformed bar for reinforcing concrete, the method comprising a swaging step in which the connection end portion comprising a cylindrical body having ribs and a number of nodes, is inserted into swaging dies and swaged at a normal temperature such that the maximum diameter of the connection end portion is equal to the diameter of the cylindrical body of the deformed bar or slightly smaller than a diameter of the deformed bar depending on a degree of working; and

a rolling step of forming a thread portion having a diameter substantially equal to a swaging diameter at an outer peripheral face of at least one connection end portion of the deformed bar which has been subjected to the swaging step.

(Fig. 1E)