

Descriptive Abstract

The invention relates to a method for the creation of a mechanical connection of round bars for concrete and also to such a mechanical connection and to a round bar for concrete permitting the method to be implemented, and to an installation for the preparation of round bars for concrete.

It will be used in the field of construction in concrete.

Through the method, at least one round bar for concrete (1) is connected to another round bar for concrete (2), or to an anchorage point, by means of a tapped connection sleeve (3), said round bar for concrete having a nominal section Φ and at least one reinforced end (4), upset and filleted, such that the fillet base diameter d_2 is equal to or greater than the nominal section Φ of the round bar.

According to the invention, the reinforced end (4) is carried out by double upsetting, a first axial upsetting permitting the diameter of the round bar for concrete to increase, a second radial upsetting during filleting by a rolling technique.

Figure 1.

This Sheet Has Been Replaced

