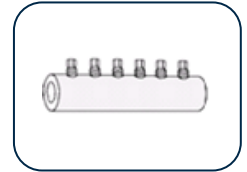


PLAKA - MBT COUPLER

For connecting concrete reinforcement bars
REF 01.02.04 - Version V01 - 26/08/2020

**Subject**

The supply and installation of coupler sleeves for concrete reinforcement bars. These are provided with a certain amount of lockshear bolts and serrated saddles.

Description

The sleeves have the shape of a thick walled cylinder of highly resistant steel. They are available in diameters from 10 to 40 mm diameter.

The loads are transferred by a mechanical fixation by mean of a certain amount of lockshear bolts, specially designed, and with two serrated saddles which run through the total length of the sleeve.

The lockshear bolts are designed to penetrate the reinforcement bars, and to press it on the two serrated saddles.

The bolts are tightened until their heads are sheared off. The embedding of the bolts and the saddles into the bar makes the connection as effective as a continuous bar.

This connection system is designed so that the tensile strength of the whole will always be at least equal to 110% of the yield strength of the steel bar B500B.

Application

The connection sleeves MBT are used for connecting reinforcement bars from 10 to 40 mm diameter.

Mark

MBT coupling sleeve from PLAKA or equivalent

Measurement

Connection sleeves MBT per unit, according to diameter.