C·S-JOINT METHOD

-Screw and Squeeze type Joint Method (Mechanical joint Method for Re-Bar)

C-S-Joint Method is a mechanical joint method setting the sleeve to both ends of the connecting Re-Bar, splicing one side of sleeve and connecting the other side of sleeve with intermediate bolt.

Characteristics:
-This method makes pressing work of Re-Bar possible at the construction site. The compact pressing device is prepared so that it is easier to press the Re-Bar at the construction job site.
  1) Operations are flexible at the work site.
  2) The device can be used with any manufacturer’s Re-Bar.
  3) Skilled workmen are not necessary for the pressing work.

-High quality of execution of work
The head of the sleeve is hexagonal, so rapid work can be done with a torque wrench without revolving the Re-Bar.

-Reliable joint strength
This method earned an evaluation as A grade joint by the Japan Construction Center.
Type I
Connect two right thread sleeves with connecting bolt for type Ⅰ.

Type II
Connect right thread sleeve and left thread sleeve for type Ⅱ with connecting bolt for type Ⅱ.

Type III
Screw the connecting bolt for type Ⅲ into the long right thread sleeve, and send the connecting bolt into the right thread sleeve for and type Ⅰ connect them.

Machines of the C-S-Joint Method

Pressing Machine

Pump

Working Procedure
•Procedure of execution of work
  - Marking
  - Setting sleeves
  - Setting Re-Bar
  - Pressing work
  - Finishing connection with a torque wrench
  - Pressing work
  - Screwing bolts
  - Jointing work
  - Finishing work
  - Connecting Re-Bar

C-S-Joint Method Applicable Re-Bar
Re-Bar GRADE: SD295A, SD295B, SD345, SD390
Size of Re-Bar: D13, D16, D19, D22, D25, D29, D32, D35, D38, D41, D51
Shape of Re-Bar: Deformed Re-Bar according to the JIS G3112