WHAT IS CLAIMED IS:

1. A fastening structure comprising:

a first component having a web formed on a back-side surface of a flange portion in a plate shape thereof;

a pin having a plurality of non-helical groove portions formed respectively on a periphery thereof in a circumferential direction and aligned along a longitudinal direction, the pin having one end in the longitudinal direction fitted securely to a front-side surface of the flange portion of the first component corresponding to a part at which the web is formed, and thereby the pin is bonded to the first component such that the pin stands in an upright position to the first component;

a second component having a flat surface portion perforated with an insertion hole configured to allow the pin to be inserted thereinto, and thereby the insertion hole and the pin are capable of being aligned with each other in such a manner that the flat surface portion and the front-side surface of the first component are in contact with each other; and

a collar configured to be so fitted around the pin as to be in contact with the second component and thereafter reduced in diameter, and to be fitted securely onto the pin, whereby

said fastening structure is capable of fastening the second component to the first component.

2. A fastening structure comprising:

a pipe component in a lengthwise-extending shape having a flat surface portion;

a pin having a plurality of non-helical groove portions formed respectively on a periphery thereof in a circumferential direction and aligned along a longitudinal direction, wherein

the pin has one end in the longitudinal direction fitted securely to an outer-side surface of the flat surface portion of the pipe component at a part positioned far from an end of the pipe component to such an extent that, even if the pipe component is perforated with a certain hole at the part, there is yet difficulty in inserting the pin into the certain hole from an inner side of the pipe component, and thereby,

the pin is bonded to the pipe component such that the pin stands in an upright position to the pipe component;

a predetermined component having a flat surface portion perforated with an insertion hole configured to allow the pin to be inserted thereinto, and thereby the insertion hole and the pin are capable of being aligned with each other in such a manner that flat surface portions of the predetermined component and the pipe component, respectively, are in contact with each other; and

a collar configured to be so fitted around the pin as to be in contact with the predetermined component and thereafter reduced in diameter, and to be fitted securely onto the pin, whereby

said fastening structure is capable of fastening the predetermined component to the pipe component.

3. A fastening structure having two fastening products each comprising:

a first component having flat surface portions at front and back sides thereof;

a pin having a plurality of non-helical groove portions formed respectively on a

periphery thereof in a circumferential direction and aligned along a longitudinal direction, the pin having one end in the longitudinal direction fitted securely to a flat surface portion at a front side of the first component, and thereby the pin is bonded to the first component such that the pin stands in an upright position to the first component;

a second component having a flat surface portion perforated with an insertion hole configured to allow the pin to be inserted thereinto, and thereby the insertion hole and the pin are capable of being aligned with each other in such a manner that the flat surface portion of the second component and the flat surface portion at the front side of the first component are in contact with each other; and

a collar configured to be so fitted around the pin as to be in contact with the second component and thereafter reduced in diameter, and to be fitted securely onto the pin, wherein

said fastening structure is obtained by arranging the two fastening products in such a manner that flat surface portions at back sides of respective first components are so aligned as to be in contact with each other.