Claims

1. Clamping joint (1) for pipes (14) made of polymer material or of composite materials, said clamping joint including a connector (2) which has a support sleeve (3) for fitting onto a pipe (14) to be connected and which is defined at one end by way of a stop collar (4), wherein a sealing element (5) is arranged on the support sleeve (3), wherein the clamping joint (1) additionally has a clamping sleeve (6) which is already captively connected to the stop collar (4) of the connector (2) prior to the mounting of the pipe, characterized in that the clamping of a pipe (14) inserted on the support sleeve (3) is effected by moving the clamping sleeve (6) over the pipe (14) in the direction opposite to the direction in which the pipe (14) is inserted.

2. Clamping joint (1) according to Claim 1, characterized in that the inside diameter of the connector (2) corresponds approximately to the inside diameter of the pipe (14) to be inserted or is slightly smaller than the inside diameter of the pipe (14) to be inserted.

3. Clamping joint (1) according to either of Claims 1 or 2, characterized in that the connector (2) has a lead-in cone (11).

4. Clamping joint (1) according to Claim 1, characterized in that the stop collar (4) of the connector (2) prevents the clamping sleeve (6) moving on one side once the pipe has been mounted.

5. Clamping joint (1) according to one of Claims 1 to 4, characterized in that pulling out the inserted pipe (14) displaces the clamping sleeve (6) in the direction

of the sealing element (5) and strengthens the clamping.

6. Clamping joint (1) according to one of Claims 1 to 5, characterized in that the clamping sleeve (6) has a radially elastic region (9) and a rigid region (10).

7. Clamping joint (1) according to one of Claims 1 to 6, characterized in that the inside diameter of the clamping sleeve (6) tapers in the rigid region (10).

8. Clamping joint (1) according to Claim 7, characterized in that the inside diameter of the clamping sleeve (6) tapers in the rigid region (10) in the direction of the elastic region (9).

9. Clamping joint (1) according to one of the preceding claims, characterized in that the elastic region (9) of the clamping sleeve (6) is formed by at least two radially arranged segments (7).

10. Clamping joint (1) according to Claim 9, characterized in that the segments (7) have a radially extending channel (8).

Claims

1. Clamping joint (1) for pipes (14) made of polymer material or of composite materials, said clamping joint including a connector (2) which has a support sleeve (3) for fitting onto a pipe (14) to be connected and which is defined at one end by way of a stop collar (4), wherein a sealing element (5) is arranged on the support sleeve (3), wherein the clamping joint (1) additionally has a clamping sleeve (6) which is already captively connected to the stop collar (4) of the connector (2) prior to the mounting of the pipe, characterized in that the clamping of a pipe (14) inserted on the support sleeve (3) is effected by moving the clamping sleeve (6) directly over the pipe (14) in the direction opposite to the direction in which the pipe (14) is inserted.

2. Clamping joint (1) according to Claim 1, characterized in that the inside diameter of the connector (2) corresponds approximately to the inside diameter of the pipe (14) to be inserted or is slightly smaller than the inside diameter of the pipe (14) to be inserted.

3. Clamping joint (1) according to either of Claims 1 or 2, characterized in that the connector (2) has a lead-in cone (11).

4. Clamping joint (1) according to Claim 1, characterized in that the stop collar (4) of the connector (2) prevents the clamping sleeve (6) moving on one side once the pipe has been mounted.

5. Clamping joint (1) according to one of Claims 1 to 4, characterized in that pulling out the inserted pipe (14) displaces the clamping sleeve (6) in the direction of the sealing element (5) and strengthens the clamping.

6. Clamping joint (1) according to one of Claims 1 to 5, characterized in that the clamping sleeve (6) has a radially elastic region (9) and a rigid region (10).

7. Clamping joint (1) according to one of Claims 1 to 6, characterized in that the inside diameter of the clamping sleeve (6) tapers in a rigid region (10).

8. Clamping joint (1) according to Claim 7, characterized in that the inside diameter of the clamping sleeve (6) tapers in the rigid region (10) in the direction of the elastic region (9).

9. Clamping joint (1) according to one of the preceding claims, characterized in that the elastic region (9) of the clamping sleeve (6) is formed by at least two radially arranged segments (7).

10. Clamping joint (1) according to Claim 9, characterized in that the segments (7) have a radially extending channel (8).