CLAIMS

1. An assembled positioning structure disposed between a track slab and a base for positioning the track slab and the base, the assembled positioning structure comprising:

a positioning body comprising a through hole penetrating through two opposite end surfaces of the positioning body; and one of the two opposite end surfaces of the positioning body being provided with a groove having a certain depth;

a first positioning hole disposed on the track slab and matching the positioning body in shape, so that one end of the positioning body can be inserted therein;

a second positioning hole disposed on the base and matching the positioning body in shape, so that another end of the positioning body can be inserted therein; and

a positioning tooth disposed at the bottom of the second positioning hole, and matching the groove on the positioning body, so that the positioning tooth is in engagement with the corresponding dent when one end of the positioning body is inserted in the second positioning hole; the positioning tooth comprises a bolt hole aligned with the through hole penetrating through the positioning body when the positioning body is inserted in the second positioning hole; the through hole and the bolt are configured to allow a bolt to pass through to detachably fix the positioning body to the base; the positioning body matches the first positioning hole to limit the track slabs.

2. The assembled positioning structure of claim 1, wherein the positioning body is a cylinder, a cuboid, an oblong, or an ellipsoid.

3. The assembled positioning structure of claim 1 or 2, wherein the first positioning hole is disposed at the connecting end of the track slab outside the steel rails; the first positioning hole is a quarter-hole partially matched to a peripheral contour of the positioning body; the two positioning holes form a half-hole structure that matches the peripheral contour of the positioning body after being spliced together, to limit the two track slabs after the positioning body is inserted in the first positioning hole.

4. The assembled positioning structure of claim 3, wherein two first positioning holes are disposed on each end of the track slab.

5. The assembled positioning structure of any one of claims 1-4, wherein the positioning

tooth having a strip shape is disposed at and protrudes upward from the bottom of the second positioning hole.

6. The assembled positioning structure of any one of claims 1-5, wherein a number of the bolt holes of the positioning tooth is the same as that of the through hole of the positioning body.

7. The assembled positioning structure of any one of claims 2-6, wherein an embedded sleeve is disposed in the bolt hole of the positioning tooth.

8. The assembled positioning structure of any one of claims 1-7, wherein the positioning body comprises precast concrete or steel block.

9. An assembled ballastless track comprising the positioning structure of any one of claims 1-8.