Claims

1. A deck plate formed of a metal plate and made to extend between beams, the deck plate comprising:

a flat portion;

ribs continuously formed with the flat portion, and extending from one end to another end of the deck plate along an extension direction of the deck plate with a distance between the ribs on one surface of the flat portion; and

end closed portions formed such that both end portions of the ribs are compressed in a direction perpendicular to the one surface, wherein

the ribs include a curved portion formed into a curved shape on a boundary with the flat portion, and

a bend radius R of the curved portion falls within a range of from 6 mm to 10 mm.

2. A deck plate formed of a metal plate and made to extend between beams, the deck plate comprising:

a flat portion;

ribs continuously formed with the flat portion, and extending from one end to another end of the deck plate along an extension direction of the deck plate with a distance between the ribs on one surface of the flat portion; and

end closed portions formed such that both end portions of the ribs are compressed in a direction perpendicular to the one surface, wherein

the ribs include a curved portion formed into a curved shape on a boundary with the flat portion,

the ribs include a straight line portion which is continuously formed with the curved portion, and extends along a direction intersecting with a surface direction of the flat portion,

a constraint portion for constraining a pair of metal plates which are folded back is formed on the straight line portion, and

the constraint portion is formed at a position separated from a boundary between the curved portion and the straight line portion by a distance of at least 5 mm or more.

3. The deck plate according to claim 2, wherein the constraint portion is caulked.