

STEEL DAMPER FOR SEISMIC ISOLATION AND SEISMIC ISOLATION
STRUCTURE

ABSTRACT

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There are provided an upper board (10) fixed to a lower part of a structure (1); a lower board (11) fixed to a foundation (2) to be at the same position in a plan view with respect to the upper board; and four seismic
10 isolation plates (15a) to (15d) fixed to the upper board and the lower board and extending in a cross direction in a plan view. The seismic isolation plates are substantially U-shaped members obtained by bending a long steel sheet, and include an upper fixing part (16a) and a
15 lower fixing part (17a) parallel to each other, an upper inclined part (18a) and a lower inclined part (19a) that are closer to each other while being separated from the upper fixing part and the lower fixing part, and a connecting part (20a) that connects the upper inclined
20 part and the lower inclined part to each other. The four seismic isolation plates are fixed to the upper board at a position where the upper fixing parts do not overlap each other, and are fixed to the lower board at a position where the lower fixing parts do not overlap each
25 other.

(Fig. 4)