

ABSTRACT

HOT-ROLLED H-SHAPED STEEL AND PRODUCTION METHOD THEREFOR

Disclosed in the present application is hot-rolled H-shaped steel, which comprises a web plate, a first flange plate and a second flange plate, wherein a thickness difference $|T1-T2|$ between the first flange plate and the second flange plate is greater than 0, the ratio of an area difference $|S1-S2|$ between the first flange plate and the second flange plate to an area $S1$ of the first flange plate is not greater than 1, or the ratio of the area difference $|S1-S2|$ between the first flange plate and the second flange plate to an area $S2$ of the second flange plate is not greater than 1. The hot-rolled H-shaped steel of the present application can satisfy the production requirements of different thicknesses of flanges of various specifications on two sides, and can also prevent lateral bending in a rolling process, and the difference of metal flow per second of the flanges on two sides in the rolling process is controlled within a certain range, such that the hot-rolled H-shaped steel with different thicknesses of flanges on two sides is stably produced. Further disclosed in the present application is a production method for the hot-rolled H-shaped steel.

FIG. 1