a claw rotation angle ($\alpha$) defined by engaging surfaces of the claws adjacent to each other is 30° or more.

3. The steel sheet pile wall according to claim 2, wherein an opening width formed as a space between the distal end of the claw and the corresponding flange in connecting the joints with each other is 14.4 mm or less.

4. The steel sheet pile wall according to claim 2, wherein

an upper limit value (Wmax) of the opening width formed as a space between the distal end of the claw and the corresponding flange in connecting the joints with each other is determined by calculating the following expression (1) based on a relationship with the inclination angle ($\theta$):

$$Wmax\ (mm) = -\theta/12 + 15.2 \quad (1).$$

5. A method for manufacturing a steel sheet pile wall, the method comprising:

forming the recessed groove in the steel sheet pile according to any one of claims 1 to 4 with a rolling mill.

6. A steel sheet pile wall÷ according to any one of claim 1 to 4, wherein

a water cut-off material is charged into the recessed grooves after the steel sheet pile is driven into ground.

7. The steel sheet pile wall÷ according to any one of claim 1 to 4, wherein

a water-swellable rubber material is attached to inside of the recessed grooves before the steel sheet pile is driven into ground.