

IRONING MOLD AND FORMED MATERIAL MANUFACTURING METHOD

ABSTRACT

An ironing mold according to the present invention includes a punch that is inserted into a formed portion, and a die having a pushing hole into which the formed portion is pushed together with the punch. An inner peripheral surface extends non-parallel to an outer peripheral surface of the punch, and the inner peripheral surface is provided with a clearance that corresponds to an uneven plate thickness distribution, in the pushing direction, of the formed portion prior to the ironing relative to the outer peripheral surface to ensure that an amount of ironing applied to the formed portion remains constant in the pushing direction.

Fig. 9