

Title (en)
PRESS-FORMING MOLD

Title (de)
PRESSFORMWERKZEUG

Title (fr)
MOULE DE FORMAGE À LA PRESSE

Publication
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Application
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Abstract (en)
The press forming tool 1 according to the present invention includes a punch 3 and a die 5 to press form a press forming product 11 including a punch bottom 13 and a shallow concave portion 15 in the punch bottom 13. The punch 3 includes a punch bottom forming surface 3a to form the punch bottom 13, a concave shape forming portion 3b formed in the punch bottom forming surface 3a to form the concave portion 15, and a low Young's modulus member installation region 3d formed under the punch bottom forming surface 3a and accommodating a low Young's modulus member 3c having a lower Young's modulus than that of the punch bottom forming surface 3a. The low Young's modulus member installation region 3d includes an area directly under the concave shape forming portion 3b and has a projected area A1 in the press forming direction that is 110% or greater as large as a projected area A2 of the concave shape forming portion 3b.

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