

JIS

JAPANESE INDUSTRIAL STANDARD

**Dimensional Tolerance for
Steel Die Forgings
(Hammer and Press Forging)**

JIS B 0415 -1975

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

Dimensional Tolerance for
Steel Die Forgings
(Hammer and Press Forging)

B 0415-1975
(Reaffirmed: 1989)

1. Scope

This Japanese Industrial Standard specifies the dimensional tolerances and deviations for thickness, length, width, height, centre-to-centre dimension, fillet and edge radii, draft angle, mismatch, camber, eccentricity of deep hole, residual flash and trimmed flat, burr, ejector mark, surface unevenness, deformation at sheared end, and local deformation of unforged portion of carbon steel and alloy steel die forgings ⁽¹⁾ manufactured by hammer and press, hereinafter referred to as the "forgings".

Note ⁽¹⁾ The forgings herein stated imply the final products at the time of delivery.

2. Definitions

The principal terms used in this standard are as defined below.

- (1) thickness Thickness of a section perpendicular to the die parting plane (see Fig. 1).
- (2) length, width and height Length and width are those which are parallel to the die parting plane of forging dies, or as nearly so as practical considerations will permit. Height is a dimension that is in depth direction perpendicular to the same die parting plane (see Figs. 1 to 4).

Fig. 1. Indication of Dimensions

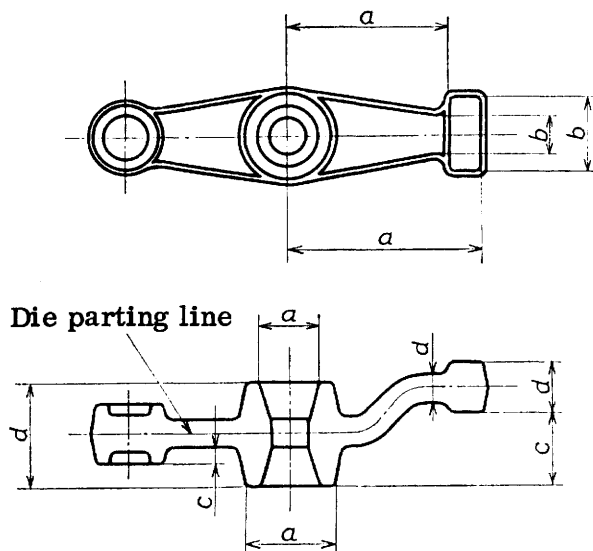
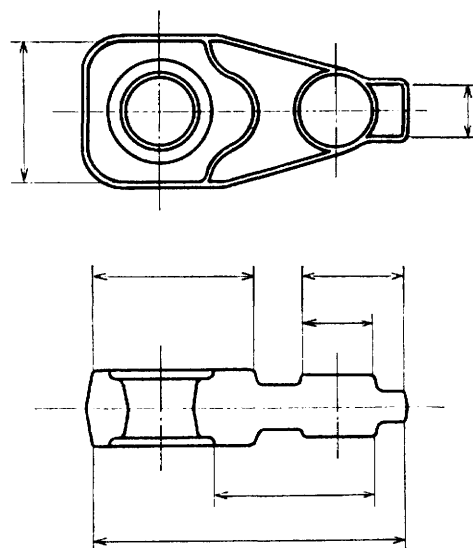


Fig. 2. Dimensions of Length and Width between External Surfaces



a: length
b: width
c: height
d: thickness