

3.3. Fitting

When using the Die-setting Ball Cage in the guide unit of the guide post of a precision press die set, normally select a negative clearance in order to increase the accuracy and the ball cage rigidity. Table 1 shows typical fitting between the hole and the shaft. Select a combination of a hole and a shaft so that the clearance does not exceed the tolerance value of the radial clearance indicated in the dimensional table the "THK General Catalog - Product Specifications," provided separately.

Table 1 Fitting between Holes and Shaft

Tolerance in hole dimensions: D	K 5
Tolerance in shaft dimensions: d	h 5