**Reduce man-hours (die costs) by using a PKH pad guide system**

Conventional pad guide systems
- Slide plate system
  Slide plates are generally used for the pad guides as shown in medium and large press dies, including dies for automobile parts. However it is difficult to finish the sliding surfaces of these plates with precision. Therefore when the die is assembled, the clearance must be measured and the slide plates must be adjusted. However the use of NC systems for die machining has made high-precision machining of dies possible. When such high-precision dies are used, adjusting the slide plates may cause displacement of the die surfaces.

- Plain guide post system
  In addition to the slide plate system, plain guide posts are also used as pad guides. However, since most pads are not well-balanced, pad assembly and disassembly are troublesome tasks.

**Pad guide system using ball guide posts**

The ball guide post system does not require man-hours for machining like the slide plate system. It also allows frequent die assembly and disassembly. A 50% reduction in total costs (maching cost + part costs) compared with the slide plate system can be expected. The system is also superior in terms of die setup workability and safety.

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**Example of mounting machining — For die guides —**

- Use for drawing dies or bending dies
- Example

**Example of mounting machining — For pads —**

- Use for die centering

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**Other examples of uses for ball guide posts**

- Use for drawing dies or bending dies
  - Except for the die guides of trimming dies and others which may be exposed to thrust, PKH-U and PKHLU provide greater durability.
  - PKHLU is a thrust load absorbing type. It is particularly suitable for bending dies and drawing dies, and can absorb error resulting from machining.

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**For die guides**

- PKH
- PKH-U

**For pads**

- PKH
- PKH-U

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**DISPANCH**

- 9 Days.