How to Mount the Tapered Leader Pin Set

1. Create a hole for the leader pin and bushing in about +0.05 tolerance.
2. Set the leader pin and bushing in slightly tight, and measure the distance between the top of the bushing and the bottom of the pin’s tapered flange using a micrometer (right drawing).
3. Finish the fixed die plate with a tolerance of −0.01 to −0.03 of the value obtained in 2. above.
4. Press fit the leader bushing into the fixed die plate.
5. Set the leader pin on the movable die plate and hold it by attaching the spacer from the rear and fastening it with a bolt.
6. Set the die plates on a molding machine and close them. This should make the leader pin’s flange slightly bite into the die plate and completely align it with the bushing.

Characteristics

It has the positioning functions of Leader Pin, Leader Bushing/Tapered Pin Sets. It saves space and functions in positioning itself with the tapered section.

When using

A set of a pin, bushing and spacer. Make sure to use the pin and bushing in this combination.

Positioning PINS for INSERT MOLDING

TAPERED LEADER PIN SETS

Part Number |
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TGPS16-20 | 40 |

Order Part Number L P
TGPS16 – 40 |

4 |

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5. Set the leader pin on the movable die plate and hold it by attaching the spacer from the rear and fastening it with a bolt.

When using LKC, L dimension can be +0.005mm increments possible.

Changes shaft diameter tolerance when using LKC, L dimension can be designated in 0.01mm increments.

Changes the tolerance.

Changes the tolerance.

Changes shaft diameter tolerance.