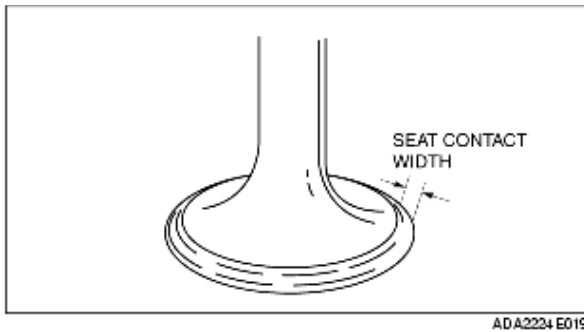


VALVE SEAT INSPECTION/REPAIR

B3E011010102201

1. Measure the seat contact width.

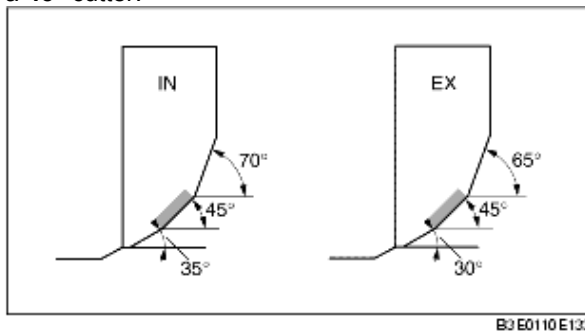
- If not within the specification, resurface the valve seat using a **45°** valve seat cutter and/or resurface the valve face.



Standard width:
1.2-1.6 mm {0.048-0.062 in}

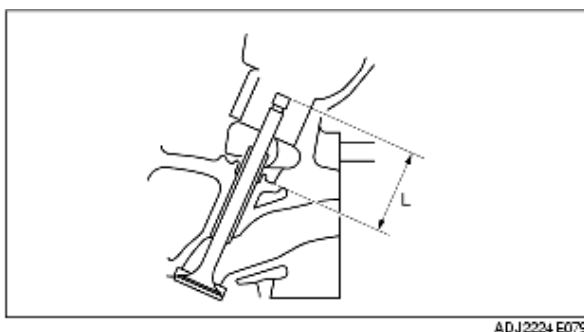
2. Verify that the valve seating position is at the center of the valve face.

- (1) If the seating position is too out side, correct the valve seat using a **70°** (IN) or **65°** (EX) cutter, and a **45°** cutter.
- (2) If the seating position is too inner side, correct the valve seat using a **30°** (IN) cutter, and a **0°** (EX) cutter, and a **45°** cutter.



3. Inspect the sinking of the valve seat. Measure the protruding length (dimension L) of the valve stem.

- If not specified, replace the cylinder head.



Standard dimension L:
IN: 40.64-42.24 mm {1.600-1.662 in}

EX: 40.50-42.10 mm {1.595-1.657 in}