

250A 기어케이스 심 조정 F tolerance값 변경 (전진기어)

GEAR CASE (STANDARD ROTATION)

HOW TO SELECT SHIM COMBINATION

To obtain 0.90 mm (0.035 in) of shim thickness, combine one gear shim A, one gear shim C, and one gear shim D, or combine four gear shim A and one gear shim D.

FORWARD BEVEL GEAR SHIM

Assemble the outer race [1] and the inner race [2] of a new taper bearing (60 x 100 x 30 mm), and turn the outer race two or three turns.

If using a depth gauge [3], measure the bearing height (F) from the outer race end to the inner race end as shown, and record the measurement.

If using a regular vernier caliper [4], place the assembled taper bearing on the smooth side of the gauge adapter special tool (or flat, hard surface). Press the outer race down over the inner race and measure the bearing height (F) [5].

TOOL:

Gauge adapter, 100 mm [6] 070PJ-ZY30100

Calculate the tolerance using the measurement F obtained in the previous step and the following formula.

Formula: Tolerance = F - 30.5

Example:

When measurement (F) from the outer race end to the inner race end is 30.55 mm (1.203 in):

Tolerance = 30.55 - 30.5 = 0.05

The tolerance is 0.05 mm (0.002 in).

***Formula: Tolerance= F-(30mm to 30.2mm)**

기존 30.5-> 30 또는 30.2로 변경됨

