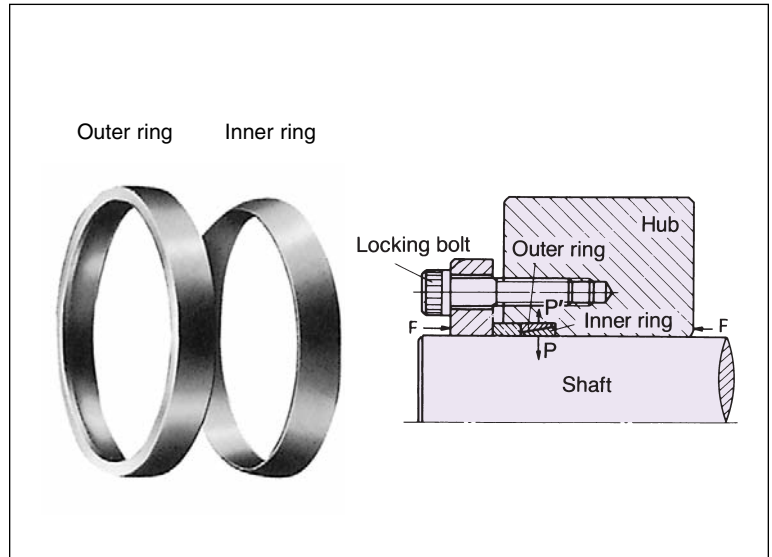


## EL Metric Series

POWER-LOCK® EL is a frictional keyless shaft-hub locking device for connecting hubs and shafts subject to large torque variations. The EL series POWER-LOCK is a simple structure consisting of two tapered rings.



### 1. COMPACT

POWER-LOCK EL is very compact and lightweight, and does not require a wide fitting space.

### 2. DESIGN VERSATILITY

Proven performance and reliability in hundreds of applications worldwide.

### 3. EASY ANGULAR AND AXIAL POSITIONING

Extremely easy to position, and can be used at any place on the shaft.

### 4. COMPLETELY TIGHT FIT WITH NO BACKLASH

POWER-LOCK EL provides a completely tight fit, so there is no backlash and no seizure.

### 5. BALANCES

Being a complete ring with no slit, POWER-LOCK EL provides a well-balanced fitting.

### 6. EASY ASSEMBLY AND DISASSEMBLY

POWER-LOCK EL has no moving parts, and wear is negligible. Frequent disassembly and reassembly is possible.

### ■ CONNECTING PRINCIPLE

When locking force  $F$  is applied to POWER-LOCK EL, it pushes the inner ring and outer ring together, generating radial direction pressures ( $P$ ,  $P'$ ) on the shaft and to the hub bore.

These pressures ( $P$ ,  $P'$ ) create the frictional connection. When the locking bolt is untightened, POWER-LOCK EL can be easily disassembled and removed.

