



# Shaft Retention Methods

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## Retaining Ring

The retaining ring method of shaft retention is a widely accepted method of shaft retention for most industrial applications. As shown in (Figure A), a heavy-duty retaining ring is seated in a close tolerance groove.

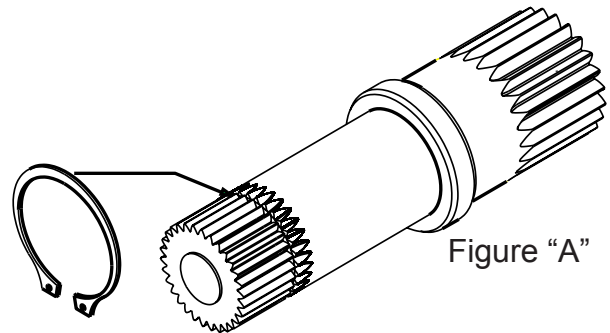


Figure "A"

## Retainer Nut

The retainer nut shaft retention method (Figure B) is used in applications where high shaft side loads are present. This system also offers the capability of establishing pre load on the bearings when required.

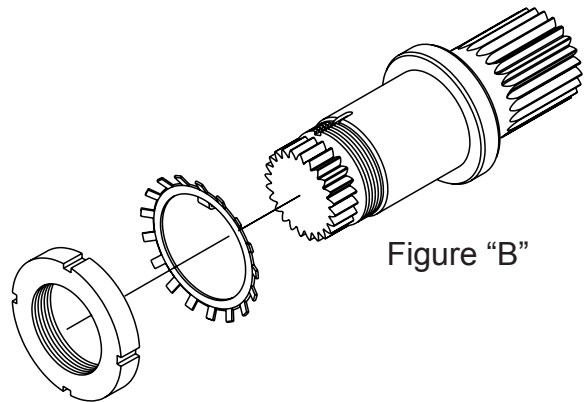


Figure "B"

## Load-N-Lock®

The Load-N-Lock® shaft retention system (Figures C & D) is available exclusively from Eskridge. This method offers positive shaft retention, accommodates bearing pre loading and is equally effective in uni-directional applications. The components are manufactured from strong, heat-treated steel. U.S. Patent 5,746,517 protects the Eskridge Load-N-Lock®.

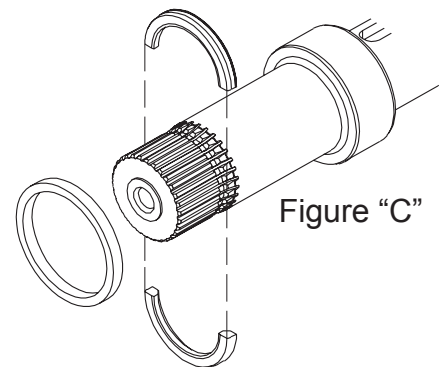


Figure "C"

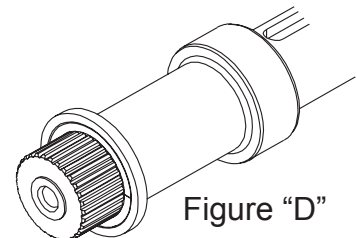


Figure "D"

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