

Timken Safety End Caps

Timken Safety End Caps make workplace protection a snap.

- **Helps protect workers**
- **Meets OSHA requirements**
- **Retrofit kit design**
- **Extends bearing life**

Easy-to-install Timken Safety End Caps protect exposed rotating shafts, reducing hazards around many types of equipment. The patent-pending design meets all applicable OSHA requirements.

The new Fafnir safety product line consists of a mounting ring and snap-on cover, both molded in a durable, bright yellow polymer. The end cap snaps into the adhesive-backed ring that adheres to the outboard face of most flanged bearing housings. The secure, 360° fit makes for a rugged unit that also provides basic protection from contaminants and washdown.

Factory retrofits are a snap with everything provided in a handy kit. The cost-effective end covers are simple to install on Timken and most other flanged units. Current sizes range from $\frac{3}{4}$ -inch to $1\frac{15}{16}$ -inch (20mm to 50mm) shaft sizes for two or four-bolt flanged cast iron, malleable iron, and other selected housing styles and sizes.

Safety End Cap Benefits

Improved safety – convenient means to protect factory workers from contact with rotating stub shafts.

OSHA requirements – design meets current OSHA regulations mandating safety covers for exposed shafting.

Easy installation – end cap snaps easily and securely into adhesive-backed mounting ring.

High visibility – both end cap and mounting ring are molded in bright yellow for optimum visibility and safety.

Simple retrofit – convenient field installation involves easy attachment of mounting ring to outboard face of a variety of housed units from different manufacturers.

Flexible use – easy field installation expands application for housed units produced by a variety of manufacturers.

Cost efficiency – quick and simple field retrofits minimize downtime and avoid replacing existing housed units.

Durable service – tough polymer components and strong adhesive bond stand up to typical factory usage.

Contamination protection – end cap with 360° interlocking fit provides basic protection against contamination and washdown.

Convenient kits – everything needed for installation is provided in a handy kit.

Applications

Material Handling

- Conveyors
- Packaging Lines
- Luggage Handling

Food Processing



Design

Timken Safety End Caps install securely into an adhesive-backed mounting ring with a 360° interlocking fit. The 3M VBH high-performance, pressure-sensitive adhesive maintains a stable and durable contact on outboard face surfaces of popular housed units. 3M rates this adhesive from -20°F to nearly 300°F (for short periods of time). Caps offer excellent solvent and UV resistance, as well as protection against contamination and washdown.

Kit Contents

Timken Safety End Caps come in a convenient kit that contains everything required for a safe and durable mounting:

- Polymer end cap
- Adhesive-backed polymer mounting ring
- Scuffing pad
- Cleaning cloth

Ordering Information

KIT *	SHAFT SIZES
204 ECY KIT	$\frac{3}{4}$, 20mm
205 ECY KIT	$\frac{7}{8}$, $\frac{15}{16}$, 1, 25mm
206 ECY KIT	$1\frac{1}{16}$, $1\frac{1}{8}$, $1\frac{3}{16}$, $1\frac{1}{4}$ S, 30mm
207 ECY KIT	$1\frac{1}{4}$, $1\frac{5}{16}$, $1\frac{3}{8}$, $1\frac{7}{16}$, 35mm
208 ECY KIT	$1\frac{1}{2}$, 40mm
209 ECY KIT	$1\frac{5}{8}$, $1\frac{11}{16}$, $1\frac{3}{4}$, 45mm
210 ECY KIT	$1\frac{15}{16}$, 2S, 50mm

*Kits are designed to fit the following Timken Fafnir® housed units:

- 4-Bolt: YCJ, RCJ, RCJC, TCJ, LCJ, SCJ, VCJ
- 2-Bolt: YCJT, RCJT, RCJTC, TCJT, LCJT, SCJT, VCJT

Installation

Main steps in the simple mounting procedure include:

1. Use the scuffing pad on housing's mating surface where the mounting ring will be placed.
2. Clean off mounting area.
3. Attach adhesive-backed mounting ring.
4. Hold mounting ring in place with pressure for 60 seconds.
5. Allow adhesive to set for minimum of one hour.
6. Snap end cap into place.

For your nearest Timken sales representative, call (800) 223-1954. Outside the U.S. and Canada, call (330) 438-3000.



Timken Safety End Caps protect against rotating stub shafts.



Kit contains everything needed for durable mounting.



Simple mounting procedures enhance end cap value.

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.