

More choices Lower prices

The *New* stainless steel ball bearing lineup from EDT Corp



Value Ball Bearings

Choice Ball Bearings

Classic Ball Bearings

Advantages

- Set-screw locking bearings are the narrowest length-thru-bore
- All-stainless steel construction for superior corrosion resistance
- Economical
- Can be modified and flush-filled with solid lube for maintenance-free operation

Advantages

- Eccentric collar positively locks onto shaft, eliminates problem of cracked inner rings caused by overtightening set-screws that loosen over time.
- EDT's custom-designed anti-rotation pin allows EDT inserts to be used in pre-existing housings
- Silicon seals with 304 stainless flingers provides superior protection in washdown environment, and operate in a wider range of temperatures than Buna-N
- Can be modified with multiple choices of solid lube to fit your requirements, and assembled either sealed, open or shielded

Advantages

- Set-screw locking bearings are the narrowest length-thru-bore
- More sizes than other bearing brands
- EDT's custom-designed anti-rotation pin allows EDT inserts to be used in pre-existing housings
- Silicon seals with 304 stainless flingers provides superior protection in washdown environment, and operate in a wider range of temperatures than Buna-N
- Can be modified with multiple choices of solid lube to fit your requirements, and assembled either sealed, open or shielded

Materials of EDT Value Bearings

Set-screw style	EDT p/n style 4B
Sizes	3/4" to 1-1/2" + metric
Races and balls	420C SS
Retainer & flinger	300-series SS
Seals (single lip)	Buna-N
Set screws (120°)	300-series SS
Grade of balls	G16
Grease	Mobilegrease FM222 (H1) or solid lubricant that is flush-filled / open

Materials of EDT Choice Bearings

Eccentric style	EDT p/n style 4U
Sizes	1/2" to 3" + metric
Races and balls	440C SS
Retainer & flinger	300-series SS
Seals (single lip)	Silicon rubber
Collar	300-series SS
Grade of balls	G16
Grease	Mobilegrease FM222 (H1) or solid lubricant with seals + flingers as appropriate

Materials of EDT Classic Bearings

Set-screw style	EDT p/n style 4Y
Sizes	1/2" to 3" + metric
Races and balls	440C SS
Retainer & flinger	300-series SS
Seals (single lip)	Silicon rubber
Set screws (120°)	300-series SS
Grade of balls	G16
Grease	Mobilegrease FM222 (H1) or solid lubricant with seals + flingers as appropriate

Our most popular solid lubricant "F" is stocked in our Choice and Classic Series for fast delivery

A food grade oil-permeated polymer solid lube utilizing high performance synthetic lubricants. Formulated to withstand and inhibit corrosion in most food-processing environments that involve moisture and wash-down, performs equally well in similar industrial applications.

Color: white. -55°F - 200°F (-48°C - 93°C). Consult with EDT about other available solid lubricants.

Advantages of solid lubricants

- Eliminate need for re-lubrication
- Consistently deliver the right amount of lubrication
- Resist contamination
- Stand up to harsh applications and wash downs
- Dramatically improve cleanliness



EPL: EDT polymer lubricants



EGL: EDT graphite lubricants

Find details about all available solid lubricants on EDT catalog page F-2

Solution[®] Housings



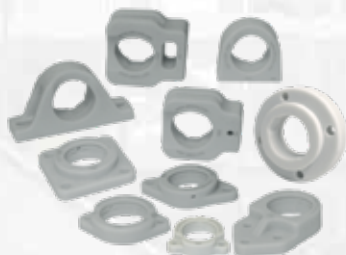
Are the perfect 'mounting' on your equipment. Consider:

Stainless Steel



- Largest selection of styles and sizes available
- 1/2" to 3-7/16" and metric (203 to 216 ring sizes)
- Machined with smoother surfaces for clean-ability
- Accept any brand bearing
- 304 ss (some styles 316)
- Close tolerance I.D. specs
- Reusable - can be used for many years
- Customized units available
- USDA-accepted

Polymer



- Proprietary polymer is light gray with smooth surface
- Material referred to as 'KG'
- No metal crush-bushings needed for strength (improved sanitation)
- Machined with smoother surfaces for clean-ability
- Accept any brand bearing
- Most complete range of styles
- 1/2" to 3-7/16" and metric (203 to 216 ring sizes)
- Close tolerance I.D. specs
- Reusable - can be used through multiple bearing changes
- USDA-accepted

QuiKlean[®]



- Integral 5/8" off-set on housings to better increase clean-ability
- Eliminate the need for spacers or welded stand-offs
- Available in KG polymer or stainless steel
- Available in a wide variety of housing styles and sizes
- Close tolerance I.D. specs
- Accept any brand bearing
- Reusable - can be used for many years
- USDA-accepted

Ball bearings are the best choice for:


- High speeds (i.e. fans, pumps, tabletop conveyors, slicers)
- High tension (i.e. flat belt conveyors, v-belt drives, round/urethane belts, curved conveyors)
- Overhung loads (i.e. unsupported shaft-mounted gear reducers)
- Trunnions



When these conditions do not exist, consider Poly-Round[®] bearings. Grease-less and non-corrosive.

Poly-Round[®] One-Year Guarantee!

On straight modular plastic and wire belt conveyors, a Poly-Round[®] bearing with a sleeve is **GUARANTEED** to operate at least 12 months with low/no maintenance or EDT will replace it with the bearing of your choice.




BY TIMKEN

EDT will help you select the right bearing for your needs. Complete a **Bearing Design Checklist**

edtcorp.com/docs/bearing-design-checklist.pdf

Bookmark it!

