



## SINTERED AND SPHERICAL BEARINGS



### Sintered and spherical bearings are available with:

- Oil cups or grease fittings
- Sintered or cast iron, bronze and nylon ball units

### Expertly designed and manufactured, featuring:

- Self-aligning ball and socket design that compensates for surface or shaft mounting irregularities
- Self-metering lubrication system, including a factory-filled, large lubricant reservoir and capillary feeder system (grease fittings shipped dry)
- Precision bores supplied to customer specification, accurately sized and straightened to eliminate variations occurring in press-fitted parts

### Triangle sintered and spherical bearings are used around the world in:

- Business machines
- Food processing equipment
- Small conveyors
- Lawn mowers and snow blowers
- HVAC
- Farm tractors and harvesting equipment
- Defense vehicles
- Class 8 trucks

## PRODUCT SPECIFICATIONS

### Bore Tolerances Chart

Units	Bore Size	Lubrication	Mean	Tolerance
Steel & Cast Iron	0" - 15/16"	Oil-Plastic E	+0.001	+0.0005 - +0.0015
	1 - up	Oil-Plastic E	+0.0015	+0.001 - +0.0027
Bronze Bushed Balls	0 - 15/16	Grease	+0.0015	+0.001 - +0.002
	1 - up	Grease	+0.0025	+0.002 - +0.0037
Plain Cast Iron Balls	0" - 1-1/4"	Grease	+0.0025	+0.005 - +0.003
	1 - 15/16 up	Grease	+0.003	+0.003 - +0.004
Nylon Balls	All Sizes	None	+0.006	+0.004 - +0.008

## BEARING MATERIAL

### Bronze

SAE841 sintered bronze, oil impregnated. (MPIF CT-1000-K26)

### Iron

SAE851 sintered iron, oil impregnated. (MPIF F-0005-15)

Other materials available on special request.

