# **Shaft Collars**

# What is the purpose of a Shaft Collar?

Shaft collars have extremely diverse applications from positioning devices on medical equipment to more common industrial uses such as holding bearings, sprockets, pulleys, or other shaft components in place.

### Locator

Position a component on a shaft

## Limiter

of a shaft in reciprocating applications

## Spacer

Used as a spacer between components

#### **Find Shaft Collars In:**

Conveyors, Solar Panel Farms, X-Ray Machines – Medical Indexing, Food Processing, Pressure Sprayers, Lawn Mowers, Truck Hoods, Washing Machines, Exercise Equipment, Hospital Beds, Wheelchairs, and other high volume applications.



### **Set Screw**

- ✓ Economical design
- ✓ Single cup point set screw impinges the shaft
- ✓ Requires disassembly of shaft components upon replacement



- ✓ More holding power over set screw collar
- ✓ Single recessed or nonrecessed tangential screw does not mar the shaft
- ✓ Requires disassembly of shaft components upon replacement



#### **Two-Piece**

- ✓ More holding power over one-piece collar
- ✓ Two recessed or nonrecessed tangential screws do not mar the shaft
- ✓ Replace without major disassembly of other components



Shaft collars are made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Steel collars are available in multiple finishes – black oxide, clear zinc, or yellow zinc dichromate.



