

Expanded Product Offering Provides Necessary Metric Sizes For The Food & Beverage Industry

Climax now provides an extended metric size offering in two-piece and set-screw shaft collars styles with bore sizes up to 150mm. This extended offering from stock allows for quick access to larger sizes when needed, in a timely manner.



In Food Processing or Bottling applications, processing equipment is subjected to some of the harshest environments. Preventative maintenance is a critical step, ensuring that the production line is operating at optimal performance as well as limiting downtime and loss in productivity. Shaft collars provide a vital function and assist in locking or spacing components on a shaft. These silent warriors are often replaced during maintenance cycles to ensure they maintain their holding power.

Metric two-piece collars provide for an easy installation and removal, allowing access to components on line shafting without tearing down the complete line. Traditional set-screw collar design provides a simple and economical solution used to locate or space components on a shaft. Our team of friendly engineers can help customize a shaft collar suitable for your application, manufactured in-house, allowing for quick turn-around, and limiting downtime in your production process.

Ask a Motion sales representative for Climax by name and see how Climax can provide your Engineered Shaft Locking Solution™.

Bore Size	M2C-Series Clamp Collars		Bore Size	MC-Series Set Screw Collars	
	Steel-Black Oxide	Stainless Steel		Steel-Black Oxide	Stainless Steel
85 mm	M2C-85	M2C-85-S	55 mm	MC-55	MC-55-S
90 mm	M2C-90	M2C-90-S	60 mm	MC-60	MC-60-S
100 mm	M2C-100	M2C-100-S	65 mm	MC-65	MC-65-S
110 mm	M2C-110	M2C-110-S	70 mm	MC-70	MC-70-S
120 mm	M2C-120	M2C-120-S	75 mm	MC-75	MC-75-S
125 mm	M2C-125	M2C-125-S	80 mm	MC-80	MC-80-S
130 mm	M2C-130	M2C-130-S	85 mm	MC-85	MC-85-S
140 mm	M2C-140	M2C-140-S	90 mm	MC-90	MC-90-S
150 mm	M2C-150	M2C-150-S	95 mm	MC-95	MC-95-S
			100 mm	MC-100	MC-100-S



RBC has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. **QuadLube**®, **ImpactTuff**®, **SpreadLock**® Seal, **CrossLube**®, **DuraLube**™, and self-lubricating bearings. Available in inch and metric sizes.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. **Fiberglide**® self-lubricating bearings.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. **Nice**® branded products are offered in caged and full complement configurations.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Needle Roller Bearings

Pitchline® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and **Tandem Roller**® versions.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



Lubron® Bearings

Lubron® self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish, type 303 stainless steel, or aluminum. Available in inch and metric sizes.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented **RBC Roller**® cylindrical roller cam followers, **HexLube**® universal cam followers, airframe track rollers.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the **Heim**®, **Unibal**®, and **Spherco**® names. Available in inch and metric sizes.



TP Series Bearings

RBC's TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Specials

RBC manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



PIC Design

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.