



Capping Solutions for the Bottling Industry



Why Customers Choose Warner Electric

100% Interchangeable with major OEM headsets

No machine modification is required! (Alcoa [CSI], Zalkin, AROL, Fowler, Fogg, Federal, Portola, AMCO, Kronos, KHS, and others)

Smooth Torque

Constant torque eliminates torque pulsations that cause cap over-tightening and provides less shock wear on machine components

Improved Efficiency

Smooth torque provides less variation in removal torque, improving end product quality & consistency

Longer Operation Life and Lower Cost of Ownership

Lower cost for new units & product design enables longer operating life than OEM headsets, enabling lower rebuild cost with fewer rebuilds

Easy to Set-up and Maintain

Visual setting scales for top load force and application torque

Excellent Service Expertise and Delivery

Service technician expertise capping machinery; single units ship within 2 days, 2-4 weeks for entire machine!

FEATURING SMOOTH TORQUE MAGNETIC TECHNOLOGY TO PROVIDE THE MOST CONSISTENT TORQUE CONTROL ON THE MARKET

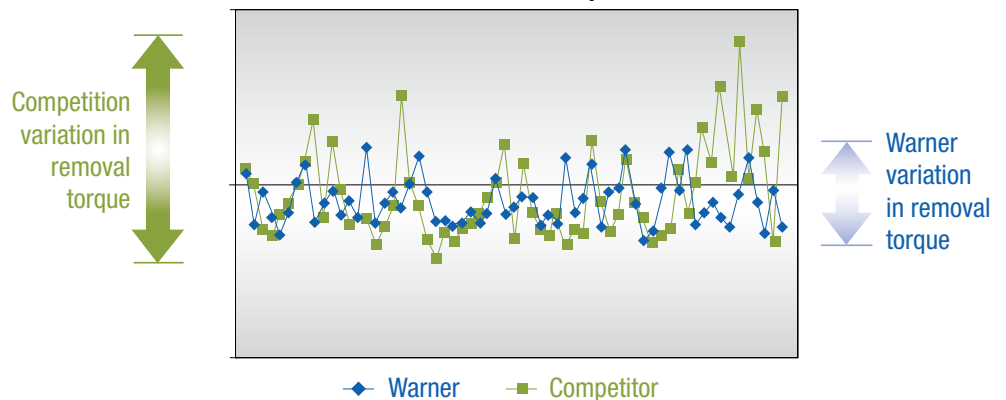


Warner Electric has provided magnetic headsets, permanent magnet clutches, brakes, and other products to many fine OEMs and users in the capping industry for over 20 years.

From capping carbonated soft drinks, bottled water, milk and juice, to ketchup, salad dressings, personal care products, and motor oil, reliable Warner Electric capping headsets, chucks, and anti-rotation knives have successfully improved the overall performance of capping operations around the world.

Warner Electric magnetic headsets feature constant smooth torque technology; differing with most competitor OEM headsets that have two opposing magnets causing pulsating torque. It's the pounding effect of a pulsating clutch that increases cap tightness and torque variability during the capping process.

Warner vs. Competitor



Each data point is a measurement from one sample bottle from competitive headsets running on the same machine.

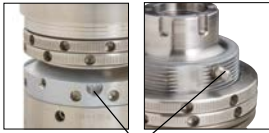
WARNER ELECTRIC'S UNIQUE PRODUCT DESIGN ENABLES LONGER LIFE FOR YOUR MAGNETIC HEADSET

Spring Cover

Keeps lubrication within the unit, extends the life of the top load components.

Grease Access Point

Easy to maintain. Lubricate the upper assembly every 500 hours.



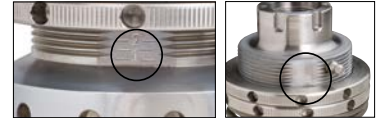
Grease Access Point

Stainless Steel Construction, Quad Seal, and Drain Holes

The quad seal helps to protect the bearing from contaminants. The drain holes allow for an exit if any fluids get inside of the unit. These features combined with stainless steel construction enable the units to better withstand harsh environments, including caustic washdowns!

Visual Setting Scale for Application Torque

Easy to set up and maintain. This setting scale provides easy, accurate setting of application torque.



Visual Setting Scale for Setting Top Load Force

Easy to set up. This setting scale provides easy accurate setting of top load force.

Oversized Thrust Bearing

Specifically designed for the bottling industry with an oversized thrust bearing to handle the repeated downward thrust of capping, increasing bearing life compared to a standard radial ball bearing used by competitive models.

Smooth Torque Technology

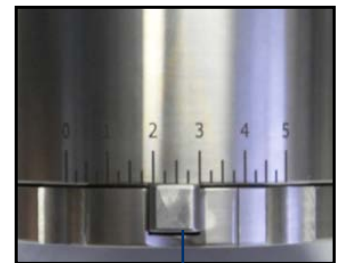
Eliminates cap over-tightening, reduces variation in removal torque, and provides less shock wear on the system.



* Some features not available with all Warner Electric Models.

Warner Electric capping headsets are 100% interchangeable with major OEM models including:

- ALCOA (CSI) • ZALKIN • AROL • FOWLER
- AMCO • KRONES • KHS
- FOGG • FEDERAL • PORTOLA



Push Button Torque Control Optional Feature

Quick torque changeover.



TOTAL PRODUCTIVE MAINTENANCE

TPM focuses on keeping all equipment in top working condition to avoid breakdowns and delays in manufacturing processes



Non-Metallic Sliding Joint

- Eliminates grease
- Reduces bacteria growth

High Performance Bearing

- Double row angular contact
- Stainless steel, viton seals, high temperature food grade grease
- Extended life

Push Button Torque Change

- Quick torque changeover

Torque Lock Feature

- Feature locks out torque to a small range or specific torque value
- Reduced torque variability



Fixed Top Load Ring

- Feature locks out top load force to a specific value
- Reduced top load variability

Smooth Body Design

- More aseptic

Smaller 3" Diameter

- Lower weight & inertia

Smooth Hysteresis Torque

- More consistent torque control
- Less wear on change parts

Lifetime Sealed Magnets

- Reduced maintenance costs
- Never need to be replaced!



IMPROVE OPERATING LIFE AND INCREASE EFFICIENCY WITH WARNER ELECTRIC CAP CHUCKS FOR THE DAIRY INDUSTRY

Capping Packages Designed for Dairy Applications

Warner Electric has recently introduced new capping packages specifically designed for the dairy industry. These smooth torque hysteresis technology cap chucks are 100% interchangeable with the OEM capping machinery found in dairy plants today. Designed to provide maximum corrosion resistance in caustic washdown environments, Warner headsets are engineered to help you reduce maintenance costs and keep your dairy plants' downtime to a minimum!

- Designed to withstand caustic washdown environments
 - Completely sealed unit prevents fluids from getting into the clutch
 - All Stainless steel construction
- Smooth torque technology provides more consistent torque, improving quality and efficiency
- Reduced plant downtime
 - Improved visual adjustment capabilities for application torque
 - Provides longer operating life than comparable OEMs
- Lower overall operating costs
- Cost-effective solutions with short lead times
- Quieter machine operation
- Chucks are easily cleaned
- Smooth torque eliminates bottle damage from kicker fingers



IMPROVE OPERATING LIFE AND INCREASE EFFICIENCY WITH WARNER ELECTRIC ANTI-ROTATION KNIVES



- Manufactured from highly corrosion resistant hardened stainless steel material
- Unique five point knife designed to last longer than other anti-rotation knives
- Three hardness levels available to fit your application requirements
- Hardness levels up to 78 Rc
- 100% interchangeable with OEM anti-rotation knives
- Quick delivery



WARNER ELECTRIC IS YOUR ENGINEERED CAP CHUCK SOLUTION

- Chucks engineered to fit your cap profile
- Manufactured to be 100% interchangeable with existing OEM chucks
- Manufactured from highly corrosion resistant hardened stainless steel material
- Unique cap chuck pin designed to better grip your cap
- Competitively priced and short lead times
- Experienced in providing quality chucks for new low profile cap applications
- Our extensive design experience has enabled us to engineer our chucks to reduce cocked caps



Fixed Chucks



- Simple design, least amount of wearing parts
- Low maintenance
- Low inertia
- Short lead times

Quick Connect Chucks



- Quick changeover ideal for multiple package sizes or frequent cleaning
- Designed for any OEM headset to meet your application needs

Mechanical Chucks



- Ideal for multiple cap sizes, difficult cap grip applications, and smooth caps
- Hardened stainless steel used in key wear areas
- Competitively priced

Call 1-888-350-1891 or visit www.cappingclutch.com



IMPROVE OPERATING LIFE AND INCREASE EFFICIENCY WITH WARNER ELECTRIC

Improve Production Efficiency & Quality

- Smooth Torque Technology enables Warner headsets to provide constant torque, eliminating over tightened caps and significantly reducing variation of removal torque.
- Smooth Torque also provides less shock on the system, enabling longer life of machine components, especially chucks & retention knives.

Lower Costs and Quick Delivery of New Headsets, Chucks, & Knives

- Competitive pricing on new units and quick deliveries ensure that you are receiving a quality product at a good value when you need it.

Fewer Scheduled Rebuilds with a 7000 Hour Maintenance Interval

- Rebuilds don't have to be done as frequently (~2X the life of competitive headsets!) saving you even more time and reducing overall maintenance costs.

Less Time to Set up and Rebuild

- Reduced maintenance costs through a much simpler rebuild procedure. Faster to take apart and rebuild compared to major OEM competitive headsets (approximately 1/2 the time to rebuild).

REBUILD OPTIONS FOR WARNER ELECTRIC MAGNETIC HEADSETS

Headset Rebuild Kits: Low cost, easy to rebuild in house!

- Bearing kits and magnet kits in stock

Headset Factory Repair Program: Low cost, quick turnaround!

- Ship headsets back to Warner Electric for a full factory rebuild and certification

Headset Exchange Programs: Choose the program that best meets your needs!

- Complete exchange program options available for magnetic headsets
- Multi-year exchange programs enable customers to receive rebuilt Warner headsets at predetermined times during the year in exchange for their used headsets

On site Service Technician Support: Get extra help when you need it!

- On-site service support is available for installation of new Warner headsets, rebuild support of existing Warner headsets, training, etc.
- Our factory-trained and certified service department with over 50 years combined experience can help prevent costly delays and down time of your capping operation

Warner Electric Facilities

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31 Industrial Park Road
New Hartford, CT 06057 - USA
860-379-1252

*Electromagnetic Clutches
and Brakes*

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South Beloit, IL 61080 - USA
815-389-3771

4578 East Park 30 Drive
Columbia City, IN 46725 - USA
260-244-6183

*Precision Electric Coils and
Electromagnetic Clutches and
Brakes*

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