



Unique Solutions Products

The Cooper Bearings Group is a full service provider of sales and technical engineering support to our customers around the world. No other split roller bearing manufacturer matches the Cooper breadth of knowledge and experience.

Significant investment has transformed Cooper into a responsive, customer focused organization offering stock availability for standard product and competitive lead time for special bearings. We support our customers with rapid technical and commercial information.

To ensure Cooper continues to lead our industry, we have created a new product and business development process. This ensures we will continue to offer products and services that provide demonstrable competitive advantage.

Outstanding capabilities

As well as offering a proven standard product range, the vast experience of the Cooper Bearings Group allows us to provide engineered solutions outside the scope of our standard product.

- Obsolete bearings
- Reconditioned bearings
- Solid or split bearings
- Unique bearings
- Combination bearings
- Castings and housings
- Small quantities
- New designs

Providing special solutions

Cooper has the enviable reputation of providing special solutions and bearings that perform as intended. The database accessible to Cooper engineers and sales managers provides authoritative information on a multitude of applications.

Cooper has an established range of large diameter cylindrical roller bearings that include split and solid bearings, combined radial and thrust bearings. These solutions can be fitted into an existing customer housing or a specially designed and manufactured Cooper cartridge housing and mounting.

Total quality control

Cooper has an enviable track record for quality, experience and application knowledge. These attributes ensure total quality control and timely delivery. We offer full range capability including pattern making for custom housings to casting in our on-site foundry and machining the finished components.

We also undertake complete bearing inspection and reconditioning and the manufacture of large bore solid and split bearings compatible with other makes.

Lean manufacturing

The ongoing implementation of lean manufacturing methods, supported by significant investment in process equipment and information technology, is reducing our manufacturing lead time.

Our empowered, motivated and self-directed production teams are tasked with continuous improvement goals. In spite of the impressive achievements made to date, we are continuing to invest in new equipment and processes to further improve our manufacturing operations.

Core Competencies	
Unique solution split and solid roller bearings	Typically 01 and 02 Series bearings over 12 inches (300mm) and all 03 and 04 Series are made to order. Cooper has the capability to manufacture split or solid thrust and radial roller bearings of any size up to 60 inches (1.5m) shaft diameter.
Reconditioned roller bearings	Cooper has extensive capability to inspect, recommend and recondition or remanufacture most split and solid roller bearings over 12 inches (300mm).
Housings and mountings	Made to order housings and mountings can be made from cast iron, ductile iron, steel, stainless steel or aluminum. Application specific housings and mountings on request.
Watercooled units	Typically this low profile housing is available from 3½ inches (90mm) to 6½ inches (170mm) in cast steel or fabricated steel. Mounting arrangement to customer specifications.





Key to photographs

- A). 02 Series 25inch TL cartridge and flange housing for US hydro electric industry.
- B). 03 Series 300mm GR Pilger mill bearing.
- C). 081 Series watercooled bearings for use on steel mill continuous slab caster rolls.
- D). Flat thrust roller bearing.
- E). 02 BCP 460mm bearings for passenger ferry propulsion shafts.
- F). 01 Series 850mm EXILOG split roller bearing for use on ball mill trunnions.
- G). 1000mm solid bearing for converter gearbox in US steel industry.
- H). 110mm solid eccentric bearing for use on vibrating screen in the quarry industry.
- I). 3 7/8" combined radial and thrust bearing for use on radar system.

PROVIDING SOLUTIONS TO MEET YOUR NEEDS



Cooper Bearings Group

The Cooper Split Roller Bearing Corp
 5795 Thurston Avenue
 Virginia Beach, VA 23455 - 3378
 USA
 Telephone 757 460 0925
 Fax 757 464 3067

Cooper Roller Bearings Co Ltd
 Wisbech Road
 King's Lynn
 Norfolk PE30 5JX
 England
 Telephone +44 (0) 1553 763 447
 Fax +44 (0) 1553 761 113

Cooper Geteilte Rollenlager GmbH
 Postfach 100 423
 Oberbenrader Str 407
 47704 Krefeld
 Germany
 Telephone + (49) 2151 713 016
 Fax +(49) 2151 713 010

www.CooperBearings.com