

Since : 1995

**CREATIVE**  
ENGINEERING CO.



**CEC**<sup>®</sup>  
**B E A R I N G**

## About the US

CEC is a professional bearing company since 1995 focused on high performance bearing products for a wide range of industries across Gujarat. Customer satisfaction is our priority. Our goal is to help customers easily locate the right bearing at the best price, in the shortest period of time. Our bearing engineering service is one of the reasons our client's prefer to work with us. If you are planning to get any quality bearings, then have a look at our different bearings.

### Our products

- Taper roller bearings
- Spherical roller bearings
- Cylindrical roller bearing
- Needle roller bearings
- Ball bearings
- Pillow block units
- Odd & non standard bearings

### Why We?

- Experienced R&D department
- Large product line
- Good financial position
- Design & Manufacture bearings as per your requirements

CEC bearings have now established itself as a benchmark globally. For innovative design & quality



# Spherical Roller Bearing

If you are dealing with the heavy radial as well as axial loads, then the applications are very much prone to the different things. They are like the misalignment or even shaft deflections, which are said to be the real challenge.

So, if you want the best spherical roller bearings, then you can go for the **Spherical roller bearings manufacturers**. They are the ones who all deal with these things in a better way without any problem. For all these things, there are many people who all search for the best company.

## Services you can get from us

If you are opting for it, then you can enjoy different things.

- Different designs and variants
- Loads
- Mounting
- Considerations in design
- Permissible speed

These spherical bearing are the ones that have got many industrial uses and applications. Currently, there are many industries that all go for it without any problem. But for it all, you all need to go and look at these things in the right way.

Each industry who all are going for it always needs the best quality of spherical bearings for it. So, if you want these things and at a reasonable price, then you can contact CEC manufacturers. The CEC manufacturers are also said to be one of the **spherical roller bearings suppliers**.

We here at the CEC deals with all kinds of bearings and can make you available these things for you all. So, if you are planning to go for them, then you can go for the spherical roller bearings from here. You will get top quality bearings for yourself at a reasonable cost.



## Also Available in K-Bore Taper Bore (ID)

22205 CCW33C3	22228 CCW33C3	22320 CCW33C3	29414MB W33C3
22206 CCW33C3	22230 CCW33C3	22322 CCW33C3	29415MB W33C3
22207 CCW33C3	22232 CCW33C3	22324 CCW33C3	29416MB W33C3
22208 CCW33C3	22234 CCW33C3	23120 CCW33C3	29418MB W33C3
22209 CCW33C3	22236 CCW33C3	23122 CCW33C3	24122MB W33C3
22210 CCW33C3	22238 CCW33C3	23124 CCW33C3	23120MB W33C3
22211 CCW33C3	22240 CCW33C3	23126 CCW33C3	21305 CCW33C3
22212 CCW33C3	22307 CCW33C3	23130 CCW33C3	21306 CCW33C3
22213 CCW33C3	22308 CCW33C3	23022 CCW33C3	21307 CCW33C3
22214 CCW33C3	22309 CCW33C3	23024 CCW33C3	21308 CCW33C3
22215 CCW33C3	22310 CCW33C3	23026 CCW33C3	21310 CCW33C3
22216 CCW33C3	22311 CCW33C3	23028 CCW33C3	21311 CCW33C3
22217 CCW33C3	22312 CCW33C3	23034 CCW33C3	21312 CCW33C3
22218 CCW33C3	22313 CCW33C3	23036 CCW33C3	21313 CCW33C3
22219 CCW33C3	22314 CCW33C3	24024MB W33C3	21314 CCW33C3
22220 CCW33C3	22315 CCW33C3	24028MB W33C3	21315 CCW33C3
22222 CCW33C3	22316 CCW33C3	24030MB W33C3	21316 CCW33C3
22224 CCW33C3	22317 CCW33C3	24032MB W33C3	21317 CCW33C3
22224 CCW33C3	22318 CCW33C3	29412MB W33C3	21318 CCW33C3
22226 CCW33C3	22319 CCW33C3	29413MB W33C3	21320 CCW33C3



# Taper Bearing

## About Tapered roller bearings

In the current industrial scenario, there are many issues and problems that all arise, and for that all, it comes with enormous demands and challenges as well. So, to get the solutions, you can go for Tapered roller bearings.

### Why Tapered bearings?

- They help in handling the high loads
- They are durable as well as reliable.
- It can be used and withstand all the extreme conditions.
- It doesn't compromise productivity and safety, as well.

For all these things, it has been seen that **Tapered roller bearings manufacturers** are now in demand.



## Taper Bearing Series

32205 To 32240	LM 12749 / LM 12711	26882/26822	3782/3720
32004 To 32034	13685 / 13621	26882T/26822	390A/394A
30202 To 30222	14118 / 14276	27687/27620	395A/394A
30302 To 30318	14125 / 14276	2780/2720	39580/39520
30204 To 32226	14131 / 14276	2788/2720	39581/39520
30304 To 32318	14137 / 14276	2789/2720	39585/39520
33005 To 33026	15100/15250	28580/28520	39590/39520
31305 To 31315	15103/15245	28584/28520	399A/394A
33106 To 33120	15112/15245	28985/28921	387/382
33204 To 33224	15123/15245	LM29749/LM29710	387S/382
02475/20	18690/18620	29675/29620	389/387
02872/20	18790/18720	29685296/20	3982/3920
09067/195	19150/19268	31594/31520	3984/3920
LM104948 / LM104910	1988/1922	33275/33462	414/418
LM104949 / LM104911	21075/21212	33885/33822	42687/42620
LM104949 / LM104912	HM212047/HM212011	33889/33822	L44643/L44610
580/572 D	24780/24720	33895/33822	L44649/L44610
11162/300	25570/25520	344/332	L45449/45410
11590/20	25572/25520	355A/352A	462A/453X
LM 11749 / LM11710	25577/25523	3585/3520	469A/453X
LM11949 / LM11910	25580/25520	3585/3525	495/492
12303	25584/25520	359S/354	497/492
12305	25590/25520	368A/362A	498/493
12435	2580/2520	369/362A	47487/47420
12644 / 10	2585/2520	37425/37625	47490/47420
M 12649 / M12610	25877/25821	37431/37625	47679/47620
LM 12749 / LM 11710	26880/26822	3780/3720	47686/47620



## Taper Bearing Series

47687/47620	6379/6320	HM804846/HM804810	808918
482/472	6386/6320	HM804849/HM804810	805415
484/472	LM 67048/LM67010	JL819349	803194
527/522	LM67048/LM67014	82449/82410	803904
528983B	L68149/L68110	M84548/M84510	807046/10
528946	665/652	M86649/M86610	572813
535/532	663/653	M88046/M88010	528946
537/532	665/653	M88048/M88010	218248/10
534565	L68149/L68111	M88630/M88610	518445/10
539/532	683/672	HM88542/HM88510	515649/10
555S/552	687/672	HM88649/HM88610	BTH 0018
566/563	JL69349/JL69310	HM903249/HM903210	BTH 0022
567/563	72212/72487	HM911245/HM911210	T2ED040
576/572	LM78349/LM78310	HM913840/HM913810	T2ED045
580/572	HM801349/HM801310	HM913843/HM913810	T2ED050
582/572	M802048/M802011	HM913849/HM913810	T2ED055
565/562	HM803146/HM801310	805165	T2ED060
594/592	HM803149/HM803110	800792	T2ED065
598/592A	HM803149/HM803112	801785	T2ED070
LM603049/LM603011	HM804840/HM804810	805015	T2ED100

## HUB Bearing Series

BTI501 Q	BTH-0018 A BTH-0025 A	HUB VKBA5411(0074)	BT1B-329012/Q
T2ED 055/Q	BTH022 A	HUB 803194	BT1-0084/Q
JP12049/10	DU 60108 - BEARINGS	HUB HUR-040	804162A
T2ED 045/Q	F566074.H195	800525	803194A
T2ED 050/Q	F566193.H195	800792 C	803904 A SET
BT 10163 Q	F566426.H195	801464 B	801785 A
BT2B441026D/Q	F566834.H195	803750 B	805531 A SET
BT1B328251	F5668347.H195	805011 C	800308
201050	F569868.H195	805164 A	805051
201082	F570530.H195	805415 BEARINGS	805052
201042	H715334	805923/805958	
713 6908 40	HUB-801974	936/932	355 356 1215 THRUST RING
713 6908 50	HUB-805415	980811NT	346 356 0315 THRUST RING
581079 E	HUBDU60108-8	BT 10097F	366485 C MAN
BTH1024	HUB BTF-0065EB	BT1-0097C	805937 MAN

# Cylindrical Roller Bearing

Cylindrical roller bearings are mainly used in power generation, oil field, mining, gear boxes, rolling mills & in machine tools. They incorporate maximum number of rollers and low sectional height as compared to which allowing very high load carrying capacity. They are suitable for very high radial loads. The rollers are in direct contact with each other and slide against each other while rolling.



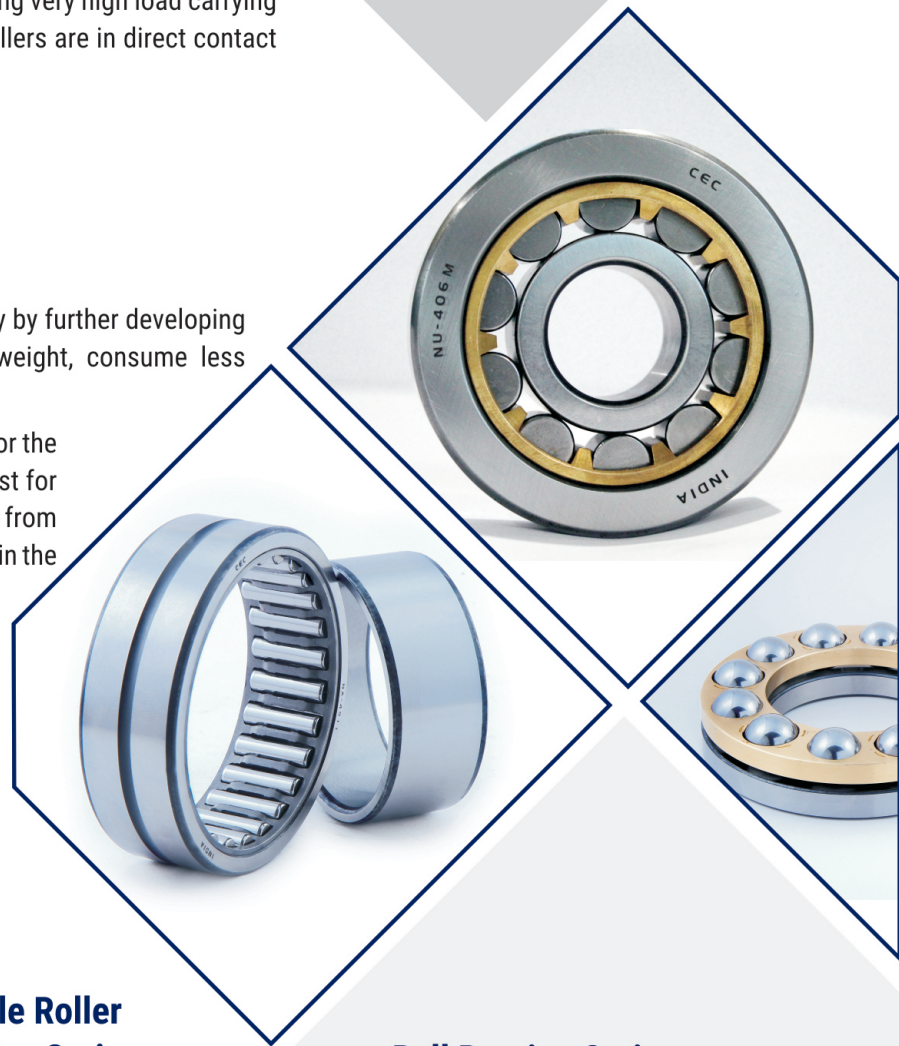
# Needle Roller Bearing

CEC will continue to meet the future needs of industry by further developing automation-related products that are more compact, lightweight, consume less energy, and offer extended maintenance-free performance.

They are the ones that make the top quality bearings for the last 30 years. Not only that, but they also come under the best for **needle roller bearings exporters**. The bearings that are made from here are made with a lot of care, and at all stages, they maintain the standard of bearings.

# Ball Bearing

Ball-bearing plays an essential role in the industry. The reason why this bearing is on-demand is that they help in reducing the friction due to the rotational, axial, and radial things. If you take a look at the **ball bearings manufacturers**, they are coming up with many kinds of bearings for the customers. In CEC, you can get the following type of ball bearings.



## Cylindrical Roller Bearing Series

NU	NJ	NUP	N
NF	NH	NNU	NN
205 To 230			
305 To 330			
405 To 430			
1005 To 1030			
2205 To 2230			
2305 To 2330			
also Available in Metal			
(Brass) Cages			

## Needle Roller Bearing Series

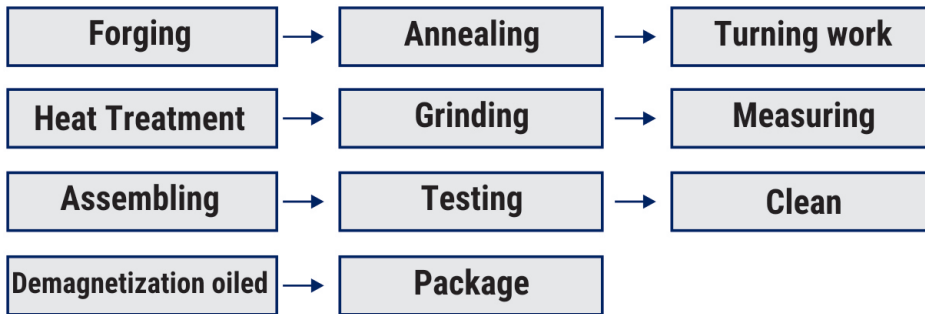
NA 4909
NA 4910
NA 4911
NA 4912
NA 4913
NA 4914
NA 4915
NA 4916
NA 4917
NA 4918
NA 4919
NA 4920
NA 4922
NA 4924
& other Custom Types Needle Bearings

## Ball Bearing Series

7207 To 7215
7308 To 7315
QJ 208 M To QJ 215 M
QJ 308 M To QJ 315 M
ALS 4 To ALS 12
& other Custom Types of Ball Bearings
<b>Double Row Ball Bearing</b>
3204 To 3220
3304 To 3320
5204 To 5214
5304 To 5315



## Production Process



## Bearings Material

Bearings Material

Rings (cups & cones) & Rolling elements

Bearings rings (cups),

balls and rollers are made of GCr15.

This steel No. is equal to the AISI 52100 (U.S.A.),  
DIN 100Cr6 (Germany), JIS SUJ2 (Japan) etc.

## Hardness

Hardness of bearing rings (cups & cones)  
& rolling elements is HRC58-HRC62.

## Cages

Standard bearings cages are made of cold rolled carbon steel,  
However, in cases of heavy duty, corrosive environment,  
misalignment and high speed operation, brass, stainless steel,  
nylon or phenolic resins will be used upon request.

## Lubrication

Standard grease and oil are applied







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**BEARING**  
Since : 1995



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**CREATIVE**  
ENGINEERING CO.

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