



# ROLLWAY<sup>®</sup> BEARINGS

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SMOOTH PERFORMERS  
IN THE TOUGHEST  
INDUSTRIES



# For over 75 years we've been keeping industry rolling.

**A**nd some of the toughest industries at that. Mining. Agriculture. Earthmoving. Precision manufacturing. Even NASA space vehicles. And more.

Since 1908, generations of original equipment manufacturers and maintenance/repair people alike have picked Rollway for the reliability of our bearings—and our customer service.

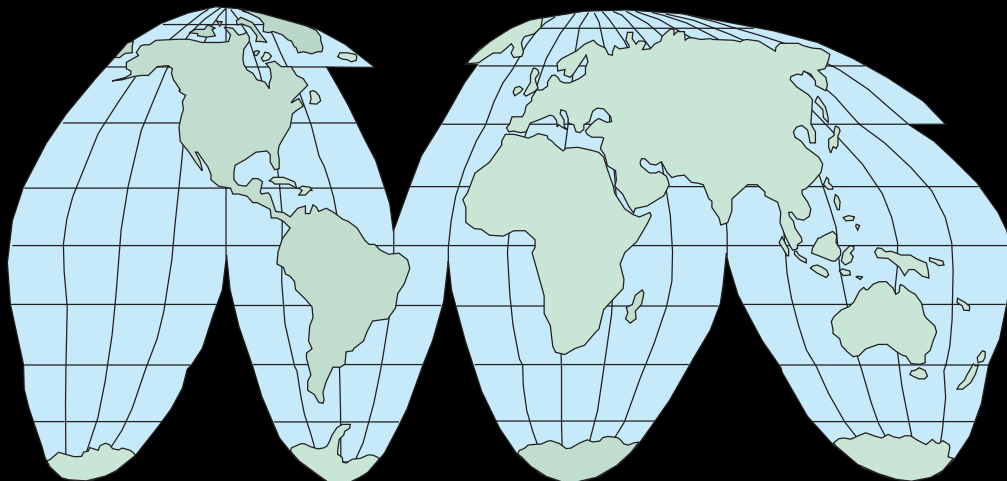
Fact is, today we still get calls to replace Rollway bearings installed 20, 30, even 40 years ago. Bearings that have been in constant use since then.

Today's Rollway bearings offer you that same kind of day in, day out, year after decade performance.

## From 2" to 42", Rollway gives you the broadest choice of roller bearings in the U.S.

You'll find Rollway wherever there's a need to take the friction out of heavy duty work. And with over 5,000 standard cylindrical, spherical, radial, thrust, and tapered thrust bearings, we have the ready-to-roll inventory to meet your needs fast.

No matter what brand you're replacing, come to Rollway first, and cut your downtime short.



## The Rollway Quality Assurance Program: our shining commitment to you.

The bearings you install have to be ready-to-roll right out of the box.

That's why you need Rollway's Quality Assurance Program. It starts with rigid control of incoming materials. Rigorous testing and inspection throughout manufacturing. And final inspection.

But we don't stop there. Each bearing is carefully cleaned and lubricated. Protected from corrosion by a chemically impregnated wrap. Tightly boxed to prevent brinnelling during shipment. And clearly labeled so it won't have to be opened until you're ready to install it.

## When you need special features or designs, put Rollway's experienced team to work.

Rollway engineers are *bearing* engineers. Together they combine decades of bearing design experience you can take advantage of. And, with our unique manufacturing capabilities we can produce your bearing quickly and economically.

You'll find us ready and willing to discuss your special application. For more information just call Rollway's toll-free number direct.



## Our around the world marketing, distribution, and service network keeps industry up and running around the clock.

Wherever you are, chances are you'll find us, too. We have manufacturing facilities in the U.S. and Europe, and distributors and warehouses throughout the world. And our 24 hour toll-free number means you can *always* get in touch with us – every day of the year.

Because downtime costs money whether it happens during the first shift or the third.





# Rollway Thrust Bearings: a type to take any load.

**W**hen you've got a Rollway thrust bearing in your equipment you've got a bearing that'll stand up to the most demanding applications. Like aircraft actuators, cranes, extruders, compressors, hydraulic pumps, pulverizers, steel mills, rock drilling equipment, and valves.



Choose from three types of single acting. Three types of double acting. Many types of tandem. Plus tapered and spherical roller thrust bearings.

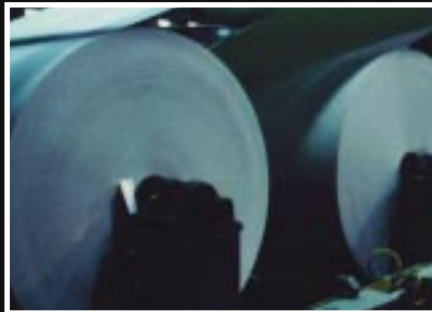
You just can't beat Rollway for quality.



# Rollway Sphericals: high quality, high performance, high value.

**Y**ou can't buy a better spherical bearing than Rollway. Yet Rollway Sphericals cost less than you'd expect to pay elsewhere. The result is the kind of high quality, low cost performance you need to survive today's tough competition.

A full range of sizes from 3.5" to 33" O.D. covers virtually any spherical application right off the shelf. Quality features include 100% forged rings for greater fatigue resistance. Super finished races for cooler running and longer life when operating with



adverse or marginal lubrication. Center flange for more positive roller guidance, less roller skewing, and lower operating temperatures. And centrifugally cast, machined brass two-piece cage with heavy section to stand up to tough, demanding applications like oil field, mining, and paper mill equipment, vibrating screens, stone crushers, centrifugal pumps, and speed reducers.

Get more for you bearing dollar. With Rollway Sphericals.





# Rollway Straight Cylindrical Radials: choose from over 4000 standard sizes and configurations.

**N**obody gives you more radials to choose from than Rollway. We offer a huge range of sizes, a wide variety of configurations, and five types of retainers. That means we can meet nearly any straight cylindrical radial bearing application right from our active product line.

**Commercial Application Radials** offer dependability at money saving prices, and are typically used in automotive and agriculture equipment, cranes and hoists, and steel rolling mills.



**Industrial Application Radials** are made of bearing quality vacuum degassed steel for rugged duty in typical applications like air compressors, oil field and off-highway equipment, and mining and earth-moving machines.

**Precision Application Radials** offer quality that really stands up to heavy duty uses in equipment such as precision machinery, electric motors, hydraulic pumps, air compressors, shaker screens, rolling mills, gear reducers, diesel-electric traction motors, and pulverizers. They fit RBEC-1 and Rollway 3 classes of precision and are available in seven series.

**Aircraft Application Radials** stand up to the most critical applications, like aircraft engines and hydraulic pumps, helicopter gear boxes and rotor hubs, aircraft and industrial gas turbine main shafts, turbo-jet reduction gear boxes, and turbine driven aircraft accessories. They meet Rollway 3 and RBEC-5 precision classifications, and are available in five series.



# Get smooth, tough performance with Rollway's full line of Spherical, Radial, and Thrust Bearings.

**C**all toll-free today for the Rollway distributor nearest you. We'll be happy to answer any questions you might have about Rollway Bearings, including applications, nonstandard bearings, and availability.

**1-800-448-2260**

All sales are made on our standard terms and conditions of sales in effect at the time a customer's order is accepted. We will be happy to supply a current version upon your request.

Cylindrical Radial Roller Bearings				
	Bearing Type and Series	Bore Min. - Max.	O.D. Min. - Max.	Width Min. - Max.
Commercial Quality Steel Cage Type Cylindrical Roller Bearings	Inch Series	1/2"-15"	7/8"-19 1/2"	3/4"-6 1/2"
	200 Metric Series	30-220	62-380	28-175
	300 Metric Series	25-130	62-280	28-111
Industrial and Precision Quality Cylindrical Roller Bearings	1800	140-320	175-400	18-38
	1900	85-340	120-460	18-56
	1000	35-280	62-420	14-65
	100	140-320	220-500	36-71
	5100	140-440	220-660	64-159
	200	50-320	90-580	20-108
	1200	17-320	40-580	12-108
	2200	17-220	40-400	16-108
	5200	17-320	40-580	17-190
	300	10-280	42-580	15-108
	1300	17-280	47-580	14-108
	2300	17-220	47-460	14-88
	5300	20-280	52-580	22-216
	400	20-160	72-340	19-86
60000	20-320	47-580	14-108	
Aircraft Quality Cylindrical Roller Bearings	1800	17-320	26-400	5-38
	1900	17-320	30-440	7-56
	1000	20-300	42-460	12-74
	1200	10-280	30-500	9-80
	1300	17-200	47-420	14-80
Cylindrical Roller Bearing (Double Row)	NN-3000K	30-440	55-650	19-157
Thrust Bearings				
Cylindrical Roller Thrust Bearings	Inch Series	5/8"-22"	1 1/2"-34"	5/8"-6"
	T Type			
	Metric Series	110-300	190-540	48-145
	T Type			
	Self-Aligning AT Type	1"-22"	2 1/4"-35"	1 1/16"-8"
	Crane Hook CT & WCT Type	1 5/8"-10"	3"-20 3/4"	13/16"-4 1/2"
	Double Acting DT Type	1"-11"	3"-25"	2"-9"
	Multi-Stage Tandem	1"-22"	2 1/8"-42"	2 3/4"-25"
Tapered Roller Thrust Bearing	T Type	3"-11"	6 3/8"-23 3/4"	15/16"-5 3/8"
Spherical Roller Thrust	29300	110-340	190-540	48-122
	29400	120-600	250-1030	78-258
Spherical Bearings				
Spherical Roller Bearings	22200	80-320	140-580	33-150
	22300	40-280	90-580	33-175
	23000	120-460	180-680	46-163
	23100	110-400	180-650	56-200
	23200	100-400	180-720	60-256
	23900	280-560	380-750	75-140
	24000	260	400	140
	24100	160-360	270-600	109-243

Note: All dimensions in millimeters unless otherwise noted.



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