

Aurora PTFE-Lined Rod End Bearings

We are expanding our selection of Aurora rod ends. Excluding "special sizes", we now stock 12 different series to cover nearly any racer's need! Jam nuts are sold separately (see page 98).

High-Strength Alloy Steel Rod Ends

These rod ends provide excellent strength at a good price. The ball and housing are both made from heat-treated alloy steel. The race is heat-treated carbon steel with a bonded PTFE liner. The ball is hard chrome plated, and the housing and race are coated for corrosion resistance. They compare favorably to our 3062 series in strength, but without the nickel plating and precise tolerances. Available with male or female threaded shanks. Jam nuts are sold separately (see page 98).

Male Threaded Shank, PTFE Lined				
Bore Size	Thread Size	Radial Load Rating	Part No.	Price
1/4"	1/4-28	5260 lb.	AB-AMT-4-L or R	\$17.99
5/16"	5/16-24	7639 lb.	AB-AMT-5-L or R	\$18.99
3/8"	3/8-24	9544 lb.	AB-AMT-6-L or R	\$21.99
7/16"	7/16-20	10,285 lb.	AB-AMT-7-L or R	\$24.99
1/2"	1/2-20	16,238 lb.	AB-AMT-8-L or R	\$28.99
5/8"	5/8-18	17,955 lb.	AB-AMT-10-L or R	\$38.99
3/4"	3/4-16	28,081 lb.	AB-AMT-12-L or R	\$53.99
7/8"	7/8-14	45,051 lb.	AB-AMT-14-L or R	\$121.99
1"	1 1/4-12	76,200 lb.	AB-AMT-16-L or R	\$127.99



Left: Typical Alloy Steel Rod End, Male Shank Part No. AB-AMT

Right: Typical Alloy Steel Rod End, Female Shank Part No. AB-AWT



Female Threaded Shank, PTFE Lined				
Bore Size	Thread Size	Radial Load Rating	Part No.	Price
3/16"	10-32	3733 lb.	AB-AWT-3-L or R	\$21.99
1/4"	1/4-28	5260 lb.	AB-AWT-4-L or R	\$21.99
5/16"	5/16-24	7639 lb.	AB-AWT-5-L or R	\$22.99
3/8"	3/8-24	9544 lb.	AB-AWT-6-L or R	\$23.99
7/16"	7/16-20	10,285 lb.	AB-AWT-7-L or R	\$26.99
1/2"	1/2-20	16,238 lb.	AB-AWT-8-L or R	\$31.99
5/8"	5/8-18	17,955 lb.	AB-AWT-10-L or R	\$42.99

Performance Racing Series Rod Ends with Low Breakaway Torque

Alloy Steel Male Rod Ends, PTFE Lined				
Bore Size	Thread Size	Radial Load Rating	Part No.	Price
5/16"	5/16-24	7639 lb.	AB-PRMT-5-L or R	\$45.49
3/8"	3/8-24	9544 lb.	AB-PRMT-6-L or R	\$52.49
7/16"	7/16-20	10,285 lb.	AB-PRMT-7-L or R	\$58.49
1/2"	1/2-20	16,238 lb.	AB-PRMT-8-L or R	\$69.99
5/8"	5/8-18	17,955 lb.	AB-PRMT-10-L or R	\$90.99
3/4"	3/4-16	28,081 lb.	AB-PRMT-12-L or R	\$106.99

These rod ends feature strength similar to our 3062 and 3063 series, but the ball is slightly looser in the race. This reduces breakaway torque (the force required to start the ball moving). Stiff rod ends can have a noticeable effect on handling. Alloy or stainless steel ball, stainless steel race, and 4130 alloy steel housing are all heat-treated. Jam nuts are sold separately (see page 98).

Oversize Shank Alloy Steel Male Rod Ends, PTFE Lined				
Bore Size	Thread Size	Radial Load Rating	Part No.	Price
1/4"	5/16-24	7544 lb.	AB-PRXMT-4-L or R	\$47.99
5/16"	3/8-24	9135 lb.	AB-PRXMT-5-L or R	\$49.99
3/8"	7/16-20	10,946 lb.	AB-PRXMT-6-L or R	\$56.99
7/16"	1/2-20	14,049 lb.	AB-PRXMT-7-L or R	\$65.99
1/2"	5/8-18	23,310 lb.	AB-PRXMT-8-L or R	\$86.99
5/8"	3/4-16	25,909 lb.	AB-PRXMT-10-L or R	\$102.99

Special Size Rod Ends for Racing Applications

These non-standard rod ends are specifically for racecar applications. Most of these rod ends were designed as replacements for existing rod ends that are now impossible to find. In most cases, the Aurora version is stronger and higher-quality than the original. All of these rod ends feature a PTFE liner bonded to the race. Jam nuts are sold separately (see page 98).



Aurora Special Size Rod End Part No. 3069-6-15-R
3/8" Bore x 1/2-20 Shank
Replaces obsolete 1865P rod end

These three special sizes have extra-long shanks. Use them on the lower control arms on your Formula Ford to get enough negative camber for the new SCCA spec radial tires!

Special Size Rod Ends for Racing Applications, PTFE Lined									
Original Part No.	Bore Size	Thread Size	Center of Bore to end of Shank	Ball Width	Head Width	Head OD	Notes	Part No.	Price
RC04	1/4"	5/16-24	1 9/16"	5/16"	9/32"	3/4"	Late model Van Diemen steering rack	3065TSH-4-R	\$39.99
2057P	3/8"	1/2-20	1 15/16"	1/2"	13/32"	1"	Small head; 9544 lb radial strength	3063-6-8-L or R	\$51.49
1865P	3/8"	1/2-20	2 7/16"	5/8"	1/2"	1 5/16"	16,238 lb radial strength	3069-6-15-L or R	\$54.99
RXAM-6T-6	3/8"	7/16-20	2 5/16"	1/2"	0.410"	1.113"	Swift 016 rear lower control arm, inner	3069-6M-6-R	\$76.99
PRXM-7T-1	7/16"	1/2-20	2 1/2"	5/8"	0.452"	1.15"	Lola IndyCars	3069-7-1-R	\$69.99
XAM-8T-7	1/2"	5/8-18	3 1/8"	5/8"	1/2"	1 1/2"	Swift DB-1 rear lower control arm, inner	3069-8-7-R	\$159.99

Metric High-Strength Alloy Steel Rod Ends

These precision metric rod ends provide excellent strength, durability, and safety. The ball, race, and housing are all made with heat-treated alloy steel. The ball is hard chrome plated. Both the housing and race are coated for corrosion protection. The race is lined with PTFE fabric. These bearings are very resistant to loosening even when subjected to the pounding that they receive under racing conditions. The bore size is equal to the nominal shank diameter. Matching metric jam nuts are sold separately on page 98.

Note: The sizes shown here have ANSI/ISO standard metric threads. Give us a call or check our website for the availability of metric rod ends with non-standard thread pitch. Some non-standard sizes are available; however, they cost considerably more than standard sizes.



We stock the largest selection of metric Aurora rod end bearings anywhere!



Metric Alloy Steel Male Rod Ends, PTFE Lined					
Bore Size mm	Metric Thread Size	Radial Load Rating Newtons	Radial Load Rating Pounds	Part No.	Price
8	M8 x 1.25	33,203 N	7,449 lb.	3066-M8x1.25-L or R	\$23.49
10	M10 x 1.5	50,227 N	11,291 lb.	3066-M10x1.50-L or R	\$27.99
12	M12 x 1.75	44,490 N	10,002 lb.	3066-M12x1.75-L or R	\$34.99
14	M14 x 2.0	71,741 N	16,128 lb.	3066-M14x2.0-L or R	\$62.99
16	M16 x 2.0	76,291 N	17,151 lb.	3066-M16x2.0-L or R	\$70.99

Metric Alloy Steel Female Rod Ends, PTFE Lined					
Bore Size mm	Metric Thread Size	Radial Load Rating Newtons	Radial Load Rating Pounds	Part No.	Price
8	M8 x 1.25	33,203 N	7,449 lb.	3067-M8x1.25-L or R	\$23.49
10	M10 x 1.5	50,227 N	11,291 lb.	3067-M10x1.50-L or R	\$27.29
12	M12 x 1.75	44,490 N	10,002 lb.	3067-M12x1.75-L or R	\$33.99
14	M14 x 2.0	71,741 N	16,128 lb.	3067-M14x2.0-L or R	\$63.99
16	M16 x 2.0	76,291 N	17,151 lb.	3067-M16x2.0-L or R	\$71.99