



Roller bearings are the standard bearing for general duty applications; they are cost effective and the best bearing for abusive and shock load applications. Not recommended for applications where side thrust is present or on rigid casters used in constant circular turns. Requires periodical lubrication. Acceptable for high temperature applications when used with metal retainer washers.

- Standard or split raceway roller bearings come complete with bearing assembly and hardened split outer raceway.
- Stainless steel roller bearings are rust resistant and come complete with bearing assembly and split outer raceway.
- Caged roller bearings feature the same bearing assembly, but have an encased outer raceway, capable of taking more abuse than standard roller bearings with split outer raceway. Requires periodical lubrication. Acceptable for high temperature applications when used with metal retainer washers. Costs more than standard roller bearings.

Bearing I.D.	Wheel Bore	Bearing Length	Wheel Hub Length	Roller Bearing Type		
				Roller (Standard)	Stainless Steel Roller	Caged Roller
1/2	15/16	1.25	1-1/2	SRBSP00		
1/2	15/16	1.5	1-3/4	SRBSP20		
1/2	15/16	1.75	2	SRBSP29		
5/8	1-3/16	1.375	1-5/8	SRBSP01		
5/8	1-3/16	1.875	2-3/16	SRBSP02		
3/4	1-3/16	1.375	1-5/8	SRBSP03		
3/4	1-3/16	1.875	2-3/16	SRBSP04	SRBSP05	SRBSP09
3/4	1-3/16	2.5	2-3/4	SRBSP06		
3/4	1-3/16	1.75	2	SRBSP08		
3/4	1-3/16	1.5	1-3/4	SRBSP36		
3/4	1-7/16	2	2-1/4	SRBSP07		
3/4	1-3/8	3	3-3/16	SRBSP38		
3/4	1-3/8	3.75	4	SRBSP40		
7/8	1-7/8	2	2-1/4	SRBSP21		
1	1-7/16	2	2-1/4	SRBSP22		
1	1-15/16	2.5	2-3/4	SRBSP23		
1	1-15/16	3	3-1/4	SRBSP24		
1	1-15/16	4	4-1/4	SRBSP35		
1-1/4	1-15/16	2.5	2-3/4	SRBSP25		
1-1/4	1-15/16	3	3-1/4	SRBSP26		
1-1/4	1-15/16	4	4-1/4	SRBSP37		
1-1/4	2-7/16	3	3-1/4	SRBSP27		
1-1/4	2-7/16	4	4-1/4	SRBSP31		
1-1/4	2-7/16	5	5-1/4	SRBSP32		
1-1/2	2-7/16	3	3-1/4	SRBSP28		
1-1/2	2-7/16	4	4-1/4	SRBSP33		
1-1/2	2-7/16	5	5-1/4	SRBSP34		
1-1/2	2-7/16	3.25	4	SRBSP39		



DELRIN & BRONZE BEARINGS

Delrin & bronze bearings are maintenance free, are very strong and have no moving parts to break; each material has certain advantages as follows:

Delrin: Economical and good for wash down applications. Using a delrin bearing with a spanner bushing is suggested for stability, when used in a caster application.

Bronze: 954 Aluminum Bronze is very strong (Tensile Strength 90,000 PSI) and is highly resistant to corrosion, wear and high temperatures.

- Flanged style or 2 piece delrin bearings are standard and extend wheel hubs to the desired length when used in a caster.
- 1 piece delrin bearings fit flush inside wheel hubs -Note: In most cases, if used in casters there will be excessive space between wheel hub and fork leg.



Bearing I.D.	Wheel Bore	Wheel Hub & Bearing Length	Delrin Bearing Type		Bronze Bearing 1 Piece Type
			2 pc Flanged	1 Piece Type	
3/8	1-1/8	1-1/2	DLBRG55		
1/2	1-1/8	1-1/2	DLBRG59		
1/2	1-3/16	1-5/8		DLSPH12	
1/2	1-3/16	2-3/16		DLSPJ12	
1/2	1-3/16		DLBRG56		
3/4	1-3/16		DLBRG57		
3/4	1-3/16	1-5/8		DLSPH11	
3/4	1-3/16	2-3/16		DLSPJ11	BRBRG11
1	1-15/16		DLBRG58		
1	1-15/16	2-3/4			BRBRG77
1	1-15/16	3-1/4			BRBRG78



PRECISION BALL, TAPERED BEARINGS & TOP HAT BUSHINGS

Durable Superior Casters®



Sealed Precision Ball Bearings: offer an ergonomic solution; reducing friction & rolling resistance and require the least amount of force to start and maintain a rolling load; excellent for both manual mobility & tow line applications. Sealed precision bearings are maintenance Free! Not recommended for side thrust applications.

Tapered Roller Bearings: Heaviest duty type of roller bearings with the added advantage of tapered design. Inner & outer raceways are precision machined and heat treated. This is the best bearing for extreme duty loads & towing applications. Maximizes the weight capacity and mobility of the wheel. Requires periodical lubrication.

Top Hat Bushings: Used with precision ball bearings to provide exact amount of pressure on the inner raceway, prevent over tightening & stability, and adapts bore to desired axle size. May be used with plain bore wheels to provide exact spacing and adapts bore to desired axle size.

Bearing I.D. with Top Hat Bushing	Wheel Width -used in	Hub Length of Bushings	Precision Bearings -sold per piece (requires 2 per wheel). Tapered Roller bearing comes with cup & cone Spanner bushings not included with bearing and are sold seperately -per piece.					
			Spanners: THS = Top Hat Spanner SP = Straight Spanner		Tapered Roller Bearing	Sealed Precision Bearing		Plain Bore
			Standard Steel	Stainless Steel		Standard Steel	Stainless Steel	
3/8	1-1/4	1-19/32	TH9913					For 1-1/4 hub length 1/2 plain bore wheel For 1-1/4 hub length 1/2 plain bore wheel
3/8	1-1/4	1-19/32		TH9917				
3/8	1-1/2			SPMSBSL			PRBRG69	
1/2	2		THS702712		TPBRG73			
1/2	2		THS632720				PRBRG63	
1/2	2			SPSS63J			PRBRG72	
1/2	2		THS642720				PRBRG64	
5/8	3		THS653058				PRBRG65	
3/4	2-1/2		THS652534				PRBRG65	
3/4	2-1/2				TPBRG70			
3/4	3		THS653034				PRBRG65	
3/4	3				TPBRG70			
3/4	3		THS716334		TPBRG71			
1	3		THS673010				PRBRG67	
1	3				TPBRG71			
1-1/4	4		THS684014				PRBRG68	
1-1/4	4				TPBRG74			

Top Hat Bushing



Sealed Precision Ball Bearing



Tapered Roller Bearing



FLANGED BALL BEARINGS

Sealed Precision Flanged Ball Bearings: Designed for use in non-metallic standard bore wheels and has an integrated bushing that touches in the middle, providing added strength and stability. Use of these bearings offers an ergonomic solution; reducing friction & rolling resistance and requires less amount of force to start and maintain a rolling load. Sealed precision bearings are maintenance Free! Not recommended for side thrust applications.

Flanged Ball Bearings: Offers improved mobility versus using a plain bore and are more economical than other bearing types; popular on lower capacity wheels.

Bearing I.D.	Wheel Bore	Wheel Hub Length	Bearing Type - Sold per piece. Requires 2 bearings per wheel		
			Flanged Precision	Stainless Steel Flanged Precision	Non-Precision Flanged Ball Bearing
3/8	1-1/8	1-1/2			BABRG42
1/2	1-1/8	1-1/2			
1/2	1-3/16	1-5/8			
1/2	1-3/16	2-3/16	PRBRG60		
1/2	1-3/16	2-3/16		PRBRG6S	
5/8	1-3/16	2-3/16			
3/4	1-3/16	1-5/8			
3/4	1-3/16	2-3/16			
3/4	1-3/16	2-3/16			
1/2	1-3/8	2-3/16	PRBRGP1		BABRG51
5/8	1-3/8	2-3/16	PRBRGP2		BABRG52
3/4	1-3/8	2-3/16	PRBRGP3		BABRG53
3/4	1-15/16	3-1/4	PRBRG69		

Sealed Precision Flanged Ball Bearings



Flanged Ball Bearings

