



Insert Ball Bearings

- Relube type: prelubricated at factory
- Setscrew locking
- Include snap ring and groove
- Wide inner ring and protective flinger included



Bore Dia.	Outside Dia.	W	Dynamic Load Cap.	Mfr. Model	Item No.
1/2 in	47 mm	31 mm	2,890 lb	UCS201-008LD1NR	5ZUJ8
3/8 in	47 mm	31 mm	2,890 lb	UCS202-010LD1NR	5ZUJ9
3/4 in	47 mm	31 mm	2,890 lb	UCS204-012LD1NR	5ZUK0
7/8 in	52 mm	34 mm	3,150 lb	UCS205-014LD1NR	5ZUK1
1 in	52 mm	34 mm	3,150 lb	UCS205-100LD1NR	5ZUK2
1 1/8 in	62 mm	38.1 mm	4,400 lb	UCS206-103LD1NR	5ZUK3
1 1/4 in	62 mm	38.1 mm	4,400 lb	UCS206-104LD1NR	5ZUK4
1 1/2 in	72 mm	42.9 mm	5,750 lb	UCS207-107LD1NR	5ZUK5
1 1/2 in	80 mm	49.2 mm	6,550 lb	UCS208-108LD1NR	5ZUK6
2 in	100 mm	55.6 mm	9,750 lb	UCS211-200LD1NR	5ZUK7



Cone
1YTV2



Cup
1YTV3



Tapered Roller Bearings

Carry maximum combinations of radial and thrust loads simultaneously. Feature roller guiding inner ring construction. Roller bearing cones have steel cages and are nonlubricated. Use in lower-speed applications where there is a high degree of thrust or radial load, shock loads, and/or alternating thrust and radial loads.

Note: When replacing bearings, replace both cone and cup to ensure optimum performance and longer life.

Bore Dia.	Cone Width	Max. Shaft Fillet Radius	Dynamic Load Cap.	Static Load Cap.	Mfr. Model	Item No.
0.75 in	0.875 in	0.05 in	6,300 lb	6,500 lb	4T-LM11949V1	1YTV2
1 in	0.875 in	0.05 in	6,450 lb	7,650 lb	4T-L44643	1YTV6
1 in	0.8125 in	0.14 in	10,500 lb	12,100 lb	4T-15100	1YTV9
1.25 in	0.78 in	—	7,750 lb	9,200 lb	4T-LM67048V2	1YTV8
1.375 in	0.78 in	0.005 in	10,500 lb	12,600 lb	4T-LM48548	1YTV4
1.375 in	0.875 in	0.09 in	14,600 lb	19,000 lb	4T-HM88649PX1	1YTW1
1.375 in	0.78 in	—	8,000 lb	10,700 lb	4T-L68149V1	1YTV3
1.75 in	1.193 in	0.14 in	24,500 lb	33,500 lb	3782	1YTV9
1.7812 in	0.78 in	0.14 in	12,100 lb	17,100 lb	4T-LM102949	1YTV7
2 in	0.875 in	0.14 in	15,600 lb	21,100 lb	4T-LM104949	1YTV5
2.625 in	1.51 in	0.14 in	46,500 lb	62,500 lb	HM212049	1YTX8
2.625 in	1.1875 in	0.14 in	34,500 lb	50,000 lb	39590	1YTX4
2.875 in	1.1875 in	0.14 in	28,100 lb	43,500 lb	33287	1YTX6
3.25 in	1.3125 in	0.14 in	38,500 lb	61,500 lb	47686	1YTX2
3.25 in	1.4212 in	0.14 in	42,500 lb	64,500 lb	580	1YTW5
3.5 in	1.5625 in	0.25 in	61,000 lb	90,000 lb	HM518445	1YTX3
3.5423 in	1.5748 in	0.28 in	56,000 lb	87,500 lb	HM218248	1YTY1
3.75 in	1.43 in	0.2 in	44,500 lb	71,000 lb	594A	1YTW7

Outside Dia.	Cup Width	Bearing Width	Max. House Fillet Radius	Min. Housing Shoulder Dia.	Max. Housing Shoulder Dia.	Mfr. Model	Item No.
1.57 in	0.42 in	0.545 in	0.05 in	1.34 in	1.46 in	4T-LM11910	1YTV3
1.781 in	0.475 in	0.61 in	0.05 in	1.56 in	1.63 in	4T-15245	1YTV1
1.781 in	0.475 in	0.61 in	0.05 in	2,953 in	3,071 in	4T-LM104911	1YTV6
1.8504 in	0.4375 in	0.5662 in	0.05 in	1.59 in	1.67 in	3720	1YTX1
1.9687 in	0.375 in	0.5313 in	0.04 in	1.75 in	1.85 in	4T-L44610	1YTV7
1.9687 in	0.55 in	0.69 in	0.05 in	1.73 in	1.81 in	HM518410	1YTV4
1.98 in	0.42 in	0.56 in	0.05 in	1.75 in	1.85 in	4T-LM67010	1YTV9
2.047 in	0.5 in	0.591 in	0.05 in	1.77 in	1.89 in	HM218210	1YTY2
2.328 in	0.465 in	0.625 in	0.05 in	2.05 in	2.2 in	4T-L68110	1YTW4
2.3612 in	0.47 in	0.625 in	0.05 in	2.09 in	2.2 in	4T-LM102910	1YTV8
2.4409 in	0.5625 in	0.75 in	0.05 in	2.17 in	2.28 in	39520	1YTX5
2.5625 in	0.55 in	0.71 in	0.05 in	2.28 in	2.4 in	47620	1YTX3
2.5625 in	0.55 in	0.71 in	0.05 in	2.32 in	2.44 in	592A	1YTW8
2.563 in	0.55 in	0.71 in	0.05 in	2.28 in	2.4 in	4T-LM48510	1YTV5
3.125 in	0.5313 in	0.6875 in	0.06 in	2.8 in	2.91 in	33472	1YTX7
5.7864 in	1.2795 in	1.5748 in	0.14 in	5.236 in	5.551 in	4T-HM88610PX1	1YTW2
6 in	1.1875 in	1.5625 in	0.13 in	5.315 in	5.669 in	HM212011	1YTX9

55PX43



Tapered Roller Bearing Assemblies

Commonly used in vehicles where the wheel bearings must handle large vertical (radial) and horizontal (axial) forces at the same time. Held together by an inner race that has a tapered surface for the bearings to roll against, and a flat inner radial surface to slide over a shaft. The outer race is the opposite design with the inner surface that's tapered, and the outer surface being flat. These tapered roller bearing assemblies are case-hardened steel construction and resist heat, heavy loads, humidity, and shocks. Suitable for use in hydraulic engines, gear motor transmissions, and locomotive axles.

Bore Dia. (mm)	Outside Dia. (mm)	Cone Width (mm)	Dynamic Load Cap. (lb.)	Static Load Cap. (lb.)	Mfr. Model	Item No.
15 mm	35 mm	10 mm	3,000 lb	2,770 lb	30202	55PX43
20 mm	42 mm	12 mm	5,600 lb	6,250 lb	32004X	55PX54
20 mm	47 mm	12 mm	6,350 lb	6,450 lb	30204	55PX44
20 mm	52 mm	13 mm	7,950 lb	7,600 lb	30304	55PX51
20 mm	52 mm	13 mm	8,000 lb	7,650 lb	30304A	55PX52
25 mm	47 mm	11.5 mm	6,250 lb	7,600 lb	32005X	55PX55
25 mm	52 mm	13 mm	7,100 lb	7,650 lb	30205	55PX45
25 mm	52 mm	18 mm	10,700 lb	12,900 lb	33205	55PX65
30 mm	55 mm	13 mm	8,400 lb	10,400 lb	32006X	55PX56
30 mm	62 mm	14 mm	9,800 lb	10,800 lb	30206	55PX46
30 mm	62 mm	17 mm	12,300 lb	14,400 lb	32206	55PX61
30 mm	62 mm	19.5 mm	14,600 lb	17,300 lb	33206	55PX66
30 mm	72 mm	23 mm	18,200 lb	20,200 lb	32306	55PX62
31.75 mm	59.13 mm	11.81 mm	7,750 lb	9,200 lb	LM67048/LM67010	55PZ11
35 mm	72 mm	15 mm	12,500 lb	13,800 lb	30207	55PX47
40 mm	68 mm	14.5 mm	11,300 lb	14,700 lb	32008X	55PX57
40 mm	80 mm	16 mm	13,800 lb	15,100 lb	30208	55PX48
40 mm	90 mm	27 mm	27,500 lb	33,500 lb	32308	55PX63
55 mm	90 mm	17.5 mm	18,100 lb	26,400 lb	32011X	55PX58
55 mm	100 mm	18 mm	20,900 lb	24,900 lb	30211	55PX49
65 mm	100 mm	17.5 mm	18,600 lb	28,700 lb	32013X	55PX59
95 mm	170 mm	27 mm	51,000 lb	65,000 lb	30219	55PX50
120 mm	180 mm	29 mm	55,000 lb	94,500 lb	32024X	55PX60

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