

Selection by Dimensions (Inch)

Bore Diameter 1/8 – 5/8 Inch

Bore Diameter	OD	Width	Part Number	Type	Bearing Type
1/8	3/8	5/32	KLNJ1/8Y	B	Single Row Radial Ball Bearings
		5/32	R2ZZ	B1	Single Row Radial Ball Bearings
3/16	1/2	0,196	R3A-ZZ	B1	Single Row Radial Ball Bearings
		5/32	KLNJ3/16Y	B	Single Row Radial Ball Bearings
		5/32	R3	B	Single Row Radial Ball Bearings
		5/32	R3	B	Single Row Radial Ball Bearings
		5/32	R3ZZ	B1	Single Row Radial Ball Bearings
1/4	3/4	7/32	KLNJ1/4Y	B	Single Row Radial Ball Bearings
		7/32	R4ATNH	B	Single Row Radial Ball Bearings
		7/32	KLNJ1/4-2RSY	B2	Single Row Radial Ball Bearings
		7/32	KLNJ1/4-ZZY	B1	Single Row Radial Ball Bearings
		7/32	R4A-ZZ	B1	Single Row Radial Ball Bearings
	5/8	0,196	R4-2RS	B2	Single Row Radial Ball Bearings
		0,196	R4-ZZ	B1	Single Row Radial Ball Bearings
		0,196	R4TNH	B	Single Row Radial Ball Bearings
3/8	7/8	7/32	KLNJ3/8Y	B	Single Row Radial Ball Bearings
		7/32	R6	B	Single Row Radial Ball Bearings
		7/32	KLNJ3/8-2RSY	B2	Single Row Radial Ball Bearings
		7/32	KLNJ3/8-ZZY	B1	Single Row Radial Ball Bearings
		7/32	R6VV	B6	Single Row Radial Ball Bearings
		7/32	R6Z	B1	Single Row Radial Ball Bearings
		7/32	R6ZZ	B1	Single Row Radial Ball Bearings
1/2	1 1/8	1/4	KLNJ1/2Y	B	Single Row Radial Ball Bearings
		1/4	R8	B	Single Row Radial Ball Bearings
	1 1/8	5/16	KLNJ1/2-2RSY	B2	Single Row Radial Ball Bearings
		5/16	KLNJ1/2-ZZY	B1	Single Row Radial Ball Bearings
		5/16	R8DD	B2	Single Row Radial Ball Bearings
		5/16	R8ZZ	B1	Single Row Radial Ball Bearings
	1 3/8	3/8	LJ1/2-2RSY	B2	Single Row Radial Ball Bearings
		3/8	LJ1/2-ZZY	B1	Single Row Radial Ball Bearings
		3/8	LJ1/2Y	B	Single Row Radial Ball Bearings
		3/8	LJT1/2M	D	Single Row Angular Contact Ball Bearings
		3/8	LRJ1/2M	H	Cylindrical Roller Bearings
		3/8	LRJA1/2M	H4	Cylindrical Roller Bearings
		3/8	RLS4	B	Single Row Radial Ball Bearings
		3/8	RLS4ZZ	B1	Single Row Radial Ball Bearings
	1 3/8	5/8	MJ1 1/2J	B	Single Row Radial Ball Bearings
5/8	1 3/4	5/8	MJ5/8-2RSJ	B2	Single Row Radial Ball Bearings
		5/8	MJ5/8-ZZJ	B1	Single Row Radial Ball Bearings
		5/8	MJ5/8J	B	Single Row Radial Ball Bearings
		5/8	MJT5/8M	D	Single Row Angular Contact Ball Bearings
		5/8	NMJ5/8M	G	Double Row Self Aligning Ball Bearings
		5/8	RMS5	B	Single Row Radial Ball Bearings
	1 3/8	7/32	KLNJ5/8-2RSY	B2	Single Row Radial Ball Bearings
		7/32	KLNJ5/8-ZZY	B1	Single Row Radial Ball Bearings
		7/32	R10DDU	B2	Single Row Radial Ball Bearings
		7/32	R10ZZ	B1	Single Row Radial Ball Bearings
		7/32	KLNJ5/8Y	B	Single Row Radial Ball Bearings
		7/32	R10	B	Single Row Radial Ball Bearings
	1 3/4	7/16	LJ5/8-2RSJ	B2	Single Row Radial Ball Bearings
		7/16	LJ5/8-ZZJ	B1	Single Row Radial Ball Bearings
		7/16	LJ5/8J	B	Single Row Radial Ball Bearings
		7/16	LJT5/8M	D	Single Row Angular Contact Ball Bearings
		7/16	LLRJ5/8J	H2	Cylindrical Roller Bearings
		7/16	LRJ5/8J	H	Cylindrical Roller Bearings
		7/16	LRJA5/8J	H4	Cylindrical Roller Bearings
		7/16	RLS5	B	Single Row Radial Ball Bearings

Single Row Angular Contact Ball Bearings (Inch)

Bore Diameter $\frac{3}{8}$ – 2 Inch



Boundary Dimensions (Inch)			Bearing Numbers	Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Mass (kg)
d	D	B		C _r	C _{0r}	Grease	Oil	
$\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{9}{16}$	MJT $\frac{3}{8}$	11 000	4 770	10 300	20 500	0,091
$\frac{1}{2}$	1 $\frac{1}{16}$	$\frac{3}{8}$	LJT $\frac{1}{2}$	8 200	3 930	10 600	21 000	0,045
	1 $\frac{1}{8}$	$\frac{5}{8}$	MJT $\frac{1}{2}$	12 400	6 040	9 300	18 500	0,113
$\frac{5}{8}$	1 $\frac{1}{16}$	$\frac{9}{32}$	LJT $\frac{5}{8}$	12 200	6 280	9 100	18 000	0,059
	1 $\frac{1}{8}$	$\frac{5}{8}$	MJT $\frac{5}{8}$	15 900	8 730	8 300	16 500	0,141
$\frac{3}{4}$	1 $\frac{1}{8}$	$\frac{9}{16}$	LJT $\frac{3}{4}$	15 900	8 730	7 800	15 500	0,127
	2	2 $\frac{1}{32}$	MJT $\frac{3}{4}$	18 900	9 740	7 500	15 000	0,186
$\frac{7}{8}$	2	$\frac{9}{16}$	LJT $\frac{7}{8}$	16 900	9 860	7 200	14 400	0,145
	2 $\frac{1}{4}$	2 $\frac{1}{32}$	MJT $\frac{7}{8}$	22 100	12 700	6 700	13 400	0,236
1	2 $\frac{1}{4}$	$\frac{5}{8}$	LJT1	25 300	14 500	6 500	12 900	0,204
	2 $\frac{1}{2}$	$\frac{3}{4}$	MJT1	27 000	16 200	6 100	12 100	0,313
1 $\frac{1}{8}$	2 $\frac{1}{2}$	$\frac{5}{8}$	LJT1 $\frac{1}{8}$	25 300	15 500	5 900	11 700	0,249
	2 $\frac{9}{16}$	$\frac{9}{16}$	MJT1 $\frac{1}{8}$	36 800	22 000	5 400	10 900	0,422
1 $\frac{1}{4}$	2 $\frac{3}{4}$	2 $\frac{1}{32}$	LJT1 $\frac{1}{4}$	27 200	17 000	5 400	10 700	0,336
	3 $\frac{1}{8}$	$\frac{7}{8}$	MJT1 $\frac{1}{4}$	43 700	27 700	4 900	9 800	0,553
1 $\frac{3}{8}$	3	2 $\frac{1}{32}$	LJT1 $\frac{3}{8}$	37 000	24 200	4 900	9 800	0,408
	3 $\frac{1}{2}$	$\frac{7}{8}$	MJT1 $\frac{3}{8}$	50 500	31 500	4 400	8 900	0,726
1 $\frac{1}{2}$	3 $\frac{1}{4}$	$\frac{3}{4}$	LJT1 $\frac{1}{2}$	41 600	27 600	4 500	9 100	0,499
	3 $\frac{3}{4}$	2 $\frac{1}{32}$	MJT1 $\frac{1}{2}$	55 000	34 900	4 100	8 300	0,885
1 $\frac{5}{8}$	3 $\frac{1}{2}$	$\frac{3}{4}$	LJT1 $\frac{5}{8}$	43 700	30 600	4 200	8 400	0,594
	4	2 $\frac{1}{32}$	MJT1 $\frac{5}{8}$	65 500	42 000	3 900	7 700	1,01
1 $\frac{3}{4}$	3 $\frac{3}{4}$	$\frac{9}{16}$	LJT1 $\frac{3}{4}$	51 500	35 300	3 900	7 900	0,726
	4 $\frac{1}{4}$	1 $\frac{1}{16}$	MJT1 $\frac{3}{4}$	71 000	46 100	3 600	7 200	1,29
1 $\frac{7}{8}$	4	$\frac{9}{16}$	LJT1 $\frac{7}{8}$	56 500	42 000	3 600	7 200	0,835
	4 $\frac{1}{2}$	1 $\frac{1}{8}$	MJT1 $\frac{7}{8}$	82 500	54 400	3 300	6 700	1,46
2	4	$\frac{9}{16}$	LJT2	56 500	42 000	3 600	7 200	0,807
	4 $\frac{1}{2}$	1 $\frac{1}{8}$	MJT2	82 500	54 400	3 300	6 700	1,41