



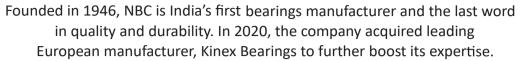
### CATALOGUE/TC-106, 01/2024

This version supersedes all previously published versions. All the bearing mentioned in this catalogue are manufactured with normal tolerance class. We can, however, supply other class bearing against specific requirement.

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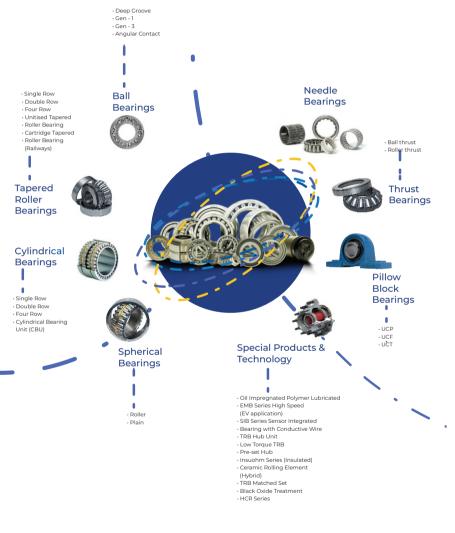


75 years since its beginning, NBC remains India's leading bearings manufacturer and exporter. NBC is also the world's only bearings manufacturer to receive the prestigious Deming Grand Prize for Total Quality Management.





Since the challenges faced by industry are many, NBC offers a diverse range of exceptional bearings. NBC bearings are available in sizes from 04 mm bore to 2000 mm outer diameter.



\* Products with special features like high temperature application, special heat treatment, coated roller/races and cage options are also available across product range.





## **CONVERSION TABLE**

# INCHES TO MILLIMETERS

FRACTIONS

Inches	5	Inches (fraction)	mm		Inches	5	Inches (fraction)	mm
	1/64	.015625	.3969			33/64	.515626	13.0969
1/32		.03125	.7937		17/32		.53125	13.4937
	3/64	.046875	1.1906			35/64	.546875	13.8906
1/16		.0625	1.5875	9/16			.5625	14.2875
	5/64	.078125	1.9844			37/64	.578125	14.6844
3/32		.09375	2.3812		19/32		.59375	15.0812
	7/64	.109375	2.7781			39/64	.609375	15.4781
1/8		.125	3.1750	5/8			.625	15.8750
		.140625	3.5719			41/64	.640625	16.2719
5/32		.15825	3.9687		21/32		.65625	16.6637
	11/64	.171875	4.3658			43/64	.671875	17.0656
3/16		.1875	4.7625	11/16			.6875	17.4625
	13/64	.201325	5.1594			45/64	.703125	17.8594
7/32		.21875	5.5562		23/32		.71875	18.2562
	15/64	.234375	5.9531			47/64	.734375	18.6531
1/4		.25	6.3500	3/4			.75	19.0500
	17/64	.255625	6.7469			49/64	.765625	19.4469
9/32		.28125	7.1437		25/32		.78125	19.8437
	19/64	.296875	7.5408			51/64	.796875	20.2406
5/16		.3125	7.9375	13/16			.8125	20.6375
	21/64	.328125	8.3344			53/64	.828125	21.0344
11/32		.34375	8.7312		27/32		.84375	21.4312
	23/64	.359375	9.1281			55/64	.859375	21.8281
3/8		.375	9.5250	7/8			.875	22.2250
	25/64	.390625	9.9219			57/64	.890625	22.6219
13/32		.40625	10.3187		29/32		.90625	23.0187
	27/64	.421875	10.7156			59/64	.921875	23.4156
7/16		.4375	11.1125	15/16			.9375	23.8125
	29/64	.413125	11.5094			61/64	.953125	24.2094
15/32		.46875	11.9062		31/32		.96875	24.6062
	31/64	.484375	12.3030			63/64	.984375	25.0031
1/2		.5	12.7000					
				1				





**25** Conversion Table

# MILLIMETERS TO INCHES UNITS.

06	3.54331	3.58288	3.62205	3.66142	2.91339 3.30709 3.70079	3.74016	3.77953	3.81890	3.85827	3.89764
80	3.14961	3.18898	3.22835 3.22835 3.62205	3.26772	3.30709	2.95276 3.34646 3.74016	2.99213 3.38583	3.03150 3.42520	3.07087 3.46457	3.11024 3.50395 3.89764
70	2.75591	2.79528	3.22835	2.87402	2.91339		2.99213	3.03150	3.07087	3.11024
60	2.36221	2.00788 2.40158	2.044.95 2.83465	2.08662 2.48034 2.87402 3.26772	2.15969	2.55906	2.59843	2.63780	2.67717	2.71654
50	1.96851	2.00788	2.044.95	2.08662	2.12599	2.16536	2.20473	2.24410	2.28347	2.32284
40	1.57480	1.61417	1.65354	2.08662	1.73228	1.77165	1.81103	1.85040	1.88977	1.92914
30	1.18110	1.22047	1.25984	1.29921	1.33858	1.37795	1.41732	.66929 1.06299 1.45669	.70866 1.10236 1.49606 1.88977	1.53543
20	39370 .78740	.82677	.86614	.90551	.94488	59055 .98425 1.37795	.62992 1.02362 1.41732	1.06299	1.10236	.74803 1.14173 1.53543
10	39370	.43360	.47244	.51181	.55118	59055	-	.66929	.70866	.74803
		03937	07874	.11811	.15748	.19685	.23622	.27559	.31496	.35433
mm	0	-	7	m	4	IJ	9	7	ω	6

# CONVERSION TABLES.

## MILLIMETERS TO INCHES UNITS.

mm		100	200	300	400	500	600	700	800	900
0		3.93701	7.87402	11.8110	15.7480	19.6851	23.6221	27.5591	31.4961	35.4331
10	.39370	4.33071	8.26772	12.2047	16.1417	20.0788	24.0158	27.9528	31.8898	35.8268
20	.78740	4.72441	8.66142	12.5984	16.5354	20.4725	24.4095	28.3465	32.2835	36.2205
30	1.18110	5.11811	9.05513	16.9921	16.9291	20.8662	24.8032	28.7402	32.6772	36.6142
40	1.57480	5.51181	9.44883	13.3858	17.3228	21.2599	25.1969	29.1339	33.0709	37.0079
50	1.96851	5.90552	9.84252	13.7795	17.7165	21.6536	25.5906	29.5276	33.4646	37.4016
60	2.36221	6.29922	10.2362	14.1732	18.1103	22.0473	25.9843	29.9213	33.8583	37.7953
70	2.75591	6.69292	10.6299	14.5669	18.5040	22.4410	26.3780	30.3150	34.2520	38.1890
80	3.14961	7.08662	11.0236	14.9606	18.8977	22.8347	26.7717	30.7087	34.6457	38.5827
90	3.54331	7.48032	11.4173	15.3543	19.2914	23.2284	27.1654	31.1024	35.0394	38.9764

# FRACTIONS

flexible solutions

mm	Inch	mm	Inch	mm	Inch
0.001	.000039	0.01	.00039	0.1	.0039
0.002	.000079	0.02	.00079	0.2	.0079
0.003	.000118	0.03	.00118	0.3	.0118
0.004	.000157	0.04	.00157	0.4	.0157
0.005	.000197	0.05	.00197	0.5	.0197
0.006	.000236	0.06	.00236	0.6	.0236
0.007	.000276	0.07	.00276	0.7	.0276
0.008	.000315	0.08	.00315	0.8	.0315
0.009	.000354	0.09	.00354	0.9	.0354

Inch	mm	Inch	mm	Inch	mm
0.001	.0254	0.01	0.254	0.1	2.54
0.002	.0508	0.02	0.508	0.2	5.08
0.003	.0762	0.03	0.762	0.3	7.62
0.004	.1016	0.04	1.016	0.4	10.16
0.005	.1270	0.05	1.270	0.5	12.70
0.006	.1524	0.06	1.524	0.6	15.24
0.007	.1778	0.07	1.778	0.7	17.78
0.008	.2032	0.08	2.032	0.8	20.32
0.009	.2286	0.09	2.286	0.9	22.86

Inch		m		
		10	20	30
0		254.0	508.0	762.0
1	25.4	279.4	533.4	787.4
2	50.8	304.8	558.8	812.8
3	76.2	330.2	584.2	838.2
4	101.6	355.6	609.6	863.6
5	127.0	381.0	635.0	889.0
6	152.4	406.4	660.4	914.4
7	177.8	431.8	685.8	939.8
8	203.2	457.2	711.2	965.2
9	228.6	482.6	736.6	990.6

