



# EQUIVALENTS

fractional / decimal / metric

# MIDPOINT BEARING®

## 24 HOUR EMERGENCY SERVICE

To convert inches to millimeters, multiply the inches by 25.4.  
 To convert millimeters to inches, divide the millimeters by 25.4.  
 (As established by the American Standards Association)

inches fractional	decimal	inches fractional	decimal	m/m	inches	m/m	inches	m/m	inches	m/m	inches	m/m	inches	m/m	inches
				1	0.0394	51	2.0079	101	3.9764	151	5.9449	201	7.9134	251	9.8819
	1/64 .0156		33/64 .5156	2	0.0787	52	2.0472	102	4.0157	152	5.9843	202	7.9527	252	9.9212
	1/32 .0312		17/32 .5312	3	0.1181	53	2.0866	103	4.0551	153	6.0236	203	7.9921	253	9.9606
			35/64 .5469	4	0.1575	54	2.1260	104	4.0945	154	6.0630	204	8.0315	254	10.0000
	3/64 .0469			5	0.1969	55	2.1654	105	4.1339	155	6.1024	205	8.0709	255	10.0394
	1/16 .0625		9/16 .5625	6	0.2362	56	2.2047	106	4.1732	156	6.1417	206	8.1102	256	10.0787
	5/64 .0781		37/64 .5781	7	0.2756	57	2.2441	107	4.2126	157	6.1811	207	8.1496	257	10.1181
				8	0.3150	58	2.2835	108	4.2520	158	6.2205	208	8.1890	258	10.1575
	3/32 .0938		19/32 .5938	9	0.3543	59	2.3228	109	4.2913	159	6.2598	209	8.2283	259	10.1968
	7/64 .1094		39/64 .6094	10	0.3937	60	2.3622	110	4.3307	160	6.2992	210	8.2677	260	10.2362
		5/8 .6250		11	0.4331	61	2.4016	111	4.3701	161	6.3386	211	8.3071	261	10.2756
1/8 .1250				12	0.4724	62	2.4409	112	4.4094	162	6.3780	212	8.3464	262	10.3149
	9/64 .1406		41/64 .6406	13	0.5118	63	2.4803	113	4.4488	163	6.4173	213	8.3858	263	10.3543
	5/32 .1562		21/32 .6562	14	0.5512	64	2.5197	114	4.4882	164	6.4567	214	8.4252	264	10.3937
				15	0.5906	65	2.5591	115	4.5276	165	6.4961	215	8.4646	265	10.4331
	11/64 .1719		43/64 .6719	16	0.6299	66	2.5984	116	4.5669	166	6.5354	216	8.5039	266	10.4724
	3/16 .1875		11/16 .6875	17	0.6693	67	2.6378	117	4.6063	167	6.5748	217	8.5433	267	10.5118
			45/64 .7031	18	0.7087	68	2.6772	118	4.6457	168	6.6142	218	8.5827	268	10.5512
	13/64 .2031			19	0.7480	69	2.6165	119	4.6850	169	6.6535	219	8.6220	269	10.5905
	7/32 .2188		23/32 .7188	20	0.7874	70	2.7559	120	4.7244	170	6.6929	220	8.6614	270	10.6299
	15/64 .2344		47/64 .7344	21	0.8268	71	2.7953	121	4.7638	171	6.7323	221	8.7008	271	10.6693
				22	0.8661	72	2.8346	122	4.8031	172	6.7717	222	8.7401	272	10.7086
	1/4 .2500		3/4 .7500	23	0.9055	73	2.8740	123	4.8425	173	6.8110	223	8.7795	273	10.7480
	17/64 .2656		49/64 .7656	24	0.9449	74	2.9134	124	4.8819	174	6.8504	224	8.8189	274	10.7874
			25/32 .7812	25	0.9843	75	2.9528	125	4.9213	175	6.8898	225	8.8583	275	10.8268
	9/32 .2812			26	1.0236	76	2.9921	126	4.9606	176	6.9291	226	8.8976	276	10.8661
	19/64 .2969		51/64 .7969	27	1.0630	77	3.0315	127	5.0000	177	6.9685	227	8.9370	277	10.9055
	5/16 .3125		13/16 .8125	28	1.1024	78	3.0709	128	5.0394	178	7.0079	228	8.9764	278	10.9449
				29	1.1417	79	3.1102	129	5.0787	180	7.0472	229	9.0157	279	10.9842
	21/64 .3281		53/64 .8281	30	1.1811	80	3.1496	130	5.1181	180	7.0866	230	9.0551	280	11.0236
	11/32 .3438		27/32 .8438	31	1.2205	81	3.1890	131	5.1575	181	7.1260	231	9.0945	281	11.0630
			55/64 .8594	32	1.2598	82	3.2283	132	5.1969	182	7.1654	232	9.1338	282	11.1023
	23/64 .3594			33	1.2992	83	3.2677	133	5.2362	183	7.2047	233	9.1732	283	11.1417
	3/8 .3750		7/8 .8750	34	1.3386	84	3.3071	134	5.2756	184	7.2441	234	9.1913	284	11.1811
	25/64 .3906		57/64 .8906	35	1.3780	85	3.3465	135	5.3150	185	7.2835	235	9.2126	285	11.2205
				36	1.4173	86	3.3858	136	5.3543	186	7.3228	236	9.2520	286	11.2598
	13/32 .4062		29/32 .9062	37	1.4567	87	3.4252	137	5.3937	187	7.3622	237	9.3307	287	11.2992
	27/64 .4219		59/64 .9219	38	1.4961	88	3.4646	138	5.4331	188	7.4016	238	9.3701	288	11.3386
			15/16 .9375	39	1.5354	89	3.5039	139	5.4724	189	7.4409	239	9.4094	289	11.3779
	7/16 .4375			40	1.5748	90	3.5433	140	5.5118	190	7.4803	240	9.4488	290	11.4173
	29/64 .4531		61/64 .9531	41	1.6142	91	3.5827	141	5.5512	191	7.5197	241	9.4882	291	11.4567
	15/32 .4688		31/32 .9688	42	1.6535	92	3.6220	142	5.5906	192	7.5591	242	9.5275	292	11.4960
				43	1.6929	93	3.6614	143	5.6299	193	7.5984	243	9.5669	293	11.5354
	31/64 .4844		63/64 .9844	44	1.7323	94	3.7008	144	5.6693	194	7.6378	244	9.6063	294	11.5748
1/2 .5000			1 .1000	45	1.7717	95	3.7402	145	5.7087	195	7.6772	245	9.6457	295	11.6142
				46	1.8110	96	3.7795	146	5.7480	196	7.7165	246	9.6850	296	11.6535
				47	1.8504	97	3.8189	147	5.7874	197	7.7559	247	9.7244	297	11.6929
				48	1.8898	98	3.8583	148	5.8268	198	7.7953	248	9.7638	298	11.7323
				49	1.9291	99	3.8976	149	5.8661	199	7.8346	249	9.8031	299	11.7716
				50	1.9685	100	3.9370	150	5.9055	200	7.8740	250	9.8425	300	11.8110

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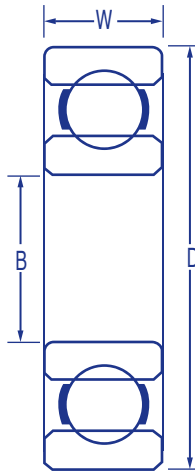
**“KNOWLEDGE THROUGH EXPERIENCE”®**



# BASIC BEARING DIMENSIONS

## MIDPOINT BEARING®

BASIC BEARING NUMBER	NOMINAL BEARING DIMENSIONS					
	B		D		W	
	MM	INCHES	MM	INCHES	MM	INCHES
6000	10	0.3937	26	1.0236	8	0.3150
6001	12	0.4724	28	1.1024	8	0.3150
6002	15	0.5906	32	1.2598	9	0.3543
6003	17	0.6693	35	1.3780	10	0.3937
6004	20	0.7874	42	1.6535	12	0.4724
6005	25	0.9843	47	1.8504	12	0.4724
6006	30	1.1811	55	2.1654	13	0.5118
6007	35	1.3780	62	2.4409	14	0.5906
6008	40	1.5748	68	2.6772	15	0.5906
6009	45	1.7717	75	2.9528	16	0.6299
6010	50	1.9685	80	3.1496	16	0.6299
6011	55	2.1654	90	3.5433	18	0.7087
6012	60	2.3622	95	3.7402	18	0.7087
6013	65	2.5591	100	3.9370	18	0.7087
6014	70	2.7559	110	4.3307	20	0.7874
6015	75	2.9528	115	4.5276	20	0.7874
6016	80	3.1496	125	4.9213	22	0.8661
6017	85	3.3465	130	5.1181	22	0.8661
6018	90	3.5433	140	5.5118	24	0.9449
6019	95	3.7402	145	5.7087	24	0.9449
6020	100	3.9370	150	5.9055	24	0.9449
6021	105	4.1339	160	6.2992	26	1.0236
6022	110	4.3307	170	6.6929	28	1.1024
6024	120	4.7244	180	7.0866	28	1.1024
6026	130	5.1181	200	7.8740	33	1.2992
6028	140	5.5118	210	8.2677	33	1.2992
6030	150	5.9055	225	8.8583	35	1.3780



BASIC BEARING NUMBER	NOMINAL BEARING DIMENSIONS					
	B		D		W	
	MM	INCHES	MM	INCHES	MM	INCHES
6200	10	0.3937	30	1.1811	9	0.3543
6201	12	0.4724	32	1.2598	10	0.3937
6202	15	0.5906	35	1.3780	11	0.4331
6203	17	0.6693	40	1.5748	12	0.4724
6204	20	0.7874	47	1.8504	14	0.5512
6205	25	0.9843	52	2.0472	15	0.5906
6206	30	1.1811	62	2.4409	16	0.6299
6207	35	1.3780	72	2.8346	17	0.6693
6208	40	1.5748	80	3.1496	18	0.7087
6209	45	1.7717	85	3.3465	19	0.7480
6210	50	1.9685	90	3.5433	20	0.7874
6211	55	2.1654	100	3.9370	21	0.8268
6212	60	2.3622	110	4.3307	22	0.8661
6213	65	2.5591	120	4.7244	23	0.9055
6214	70	2.7559	125	4.9213	24	0.9449
6215	75	2.9528	130	5.1181	25	0.9843
6216	80	3.1496	140	5.5118	26	1.0236
6217	85	3.3465	150	5.9055	28	1.1024
6218	90	3.5433	160	6.2992	30	1.1811
6219	95	3.7402	170	6.6929	32	1.2598
6220	100	3.9370	180	7.0866	34	1.3386
6221	105	4.1339	190	7.4803	36	1.4173
6222	110	4.3307	200	7.8740	38	1.4961
6224	120	4.7244	215	8.4646	40	1.5748
6226	130	5.1181	230	9.0551	40	1.5748
6228	140	5.5118	250	9.8425	42	1.6535
6230	150	5.9055	270	10.6299	45	1.7717

BASIC BEARING NUMBER	NOMINAL BEARING DIMENSIONS					
	B		D		W	
	MM	INCHES	MM	INCHES	MM	INCHES
6300	10	0.3937	35	1.3780	11	4331
6301	12	0.4724	37	1.4567	12	4724
6302	15	0.5906	42	1.6535	13	5118
6303	17	0.6693	47	1.8504	14	5512
6304	20	0.7874	52	2.0472	15	5906
6305	25	0.9843	62	2.4409	17	6693
6306	30	1.1811	72	2.8346	19	7480
6307	35	1.3780	80	3.1496	21	8268
6308	40	1.5748	90	3.5433	23	9055
6309	45	1.7717	100	3.9370	25	9843
6310	50	1.9685	110	4.3307	27	1.0630
6311	55	2.1654	120	4.7244	29	1.1417
6312	60	2.3622	130	5.1181	31	1.2205
6313	65	2.5591	140	5.5118	33	1.2992
6314	70	2.7559	150	5.9055	35	1.3780
6315	75	2.9528	160	6.2992	37	1.4567
6316	80	3.1496	170	6.6929	39	1.5354
6317	85	3.3465	180	7.0866	41	1.6141
6318	90	3.5433	190	7.4803	43	1.6929
6319	95	3.7402	200	7.8740	45	1.7717
6320	100	3.9370	215	8.4646	47	1.8504
6321	105	4.1339	225	8.8583	49	1.9291
6322	110	4.3307	240	9.4488	50	1.9685
6324	120	4.7244	260	10.2362	55	2.1654
6326	130	5.1181	280	11.0236	58	2.2835
6328	140	5.5118	300	11.8110	62	2.4409

BASIC BEARING NUMBER	NOMINAL BEARING DIMENSIONS					
	B		D		W	
	MM	INCHES	MM	INCHES	MM	INCHES
6403	17	0.6693	62	2.4409	17	0.6693
6404	20	0.7874	72	2.8346	19	0.7480
6405	25	0.9843	80	3.1496	21	0.8268
6406	30	1.1811	90	3.5433	23	0.9055
6407	35	1.3780	100	3.9370	25	0.9843
6408	40	1.5748	110	4.3307	27	1.0630
6409	45	1.7717	120	4.7244	29	1.1417
6410	50	1.9685	130	5.1181	31	1.2205
6411	55	2.1654	140	5.5118	33	1.2992
6412	60	2.3622	150	5.9055	35	1.3780
6413	65	2.5591	160	6.2992	37	1.4567
6414	70	2.7559	180	7.0866	42	1.6535
6415	75	2.9528	190	7.4803	45	1.7717
6416	80	3.1496	200	7.8740	48	1.8898
6417	85	3.3465	210	8.2677	52	2.0472
6418	90	3.5433	225	8.8583	54	2.1260

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