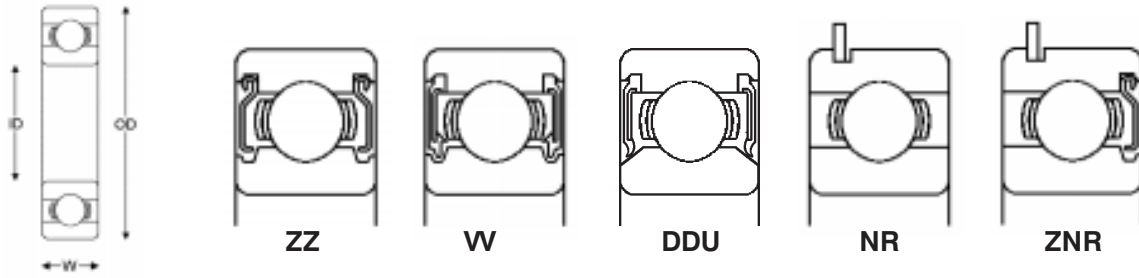


BALL BEARINGS

Single Row - Radial	1.16
Metric	1.16
Single Row - Maximum Capacity	1.19
Single Row - Radial	1.20
Inch	1.20
Inch and Inch Bore Metric	1.21
Single Row - Spherical OD	1.22
Metric	1.22
Extra Small & Miniature	1.23
Metric	1.23
Flanged - Metric	1.24
Single Row - Angular Contact	1.26
Metric	1.26
Inch	1.28
Single Row - Duplex	1.29
Metric & Inch	1.29
Single Row - Magneto	1.30
Metric	1.30
Thrust	1.31
Metric - Single Direction	1.31
Metric - Double Direction	1.33
Inch - Single Direction	1.34
Double Row - Self Aligning	1.36
Metric	1.36
Inch	1.38
Double Row - Radial	1.39
Metric	1.39
Double Row - Angular Contact	1.40
Metric	1.40
Triangle's Lazy Susan	1.41
Sprag Clutches	1.42
NSK One-Way Clutches	1.43
Super Precision	1.45
INA Track Roller - Single Row	1.144
INA Track Roller - Double Row	1.146

BALL BEARINGS

Single Row - Radial
Metric



DIMENSIONS ID	OD	W	BEARING NUMBER	VARIANCE				
				ZZ	VV	DDU	NR	ZNR
3	10	4	623	•	•			
	13	5	633	•				
4	12	4	604	•				
	13	5	624	•	•	•		
	16	5	634	•				
5	14	5	605	•	•	•		
	16	5	625	•	•			
	19	6	635	•	•	•		
6	17	6	606	•	•	•		
	19	6	626	•	•	•		
	22	7	636	•	•	•		
7	19	6	607	•	•	•		
	22	7	627	•	•	•		
	26	9	637	•	•	•		
8	22	7	608	•	•	•		
	24	8	628	•	•	•		
	28	9	638	•	•	•		
9	24	7	609	•	•	•		
	26	8	629	•	•	•		
	30	10	639	•	•	•		
10	19	5	6800	•	•	•		
	22	6	6900	•	•	•		
	26	8	6000	•	•	•		
	28	8	16100	•	•			
	30	9	6200	•	•	•	•	•
	35	11	6300	•	•	•	•	•
12	21	5	6801	•	•	•		
	24	6	6901	•	•	•		
	28	7	16001					
	28	8	6001	•	•	•		
	30	8	16101	•	•	•		
	32	10	6201	•	•	•	•	•
	37	12	6301	•	•	•	•	•
13	32	10	6201-13ZZ					
15	24	5	6802	•	•	•		
	28	7	6902	•	•	•		
	32	8	16002	•	•			
	32	9	6002	•	•	•	•	•
	35	11	6202	•	•	•	•	•
	37	9	98202					
	42	13	6302	•	•	•	•	•
16	35	11	6202-16DDU (contact seal type)					
	40	12	6203-16DDU (contact seal type)					
17	26	5	6803	•	•	•		
	30	7	6903	•	•	•		
	35	8	16003					
	35	10	6003	•	•	•		
	40	12	6203	•	•	•	•	•
	47	14	6303	•	•	•	•	•
	62	17	6403					

DIMENSIONS ID	OD	W	BEARING NUMBER	VARIANCE				
				ZZ	VV	DDU	NR	ZNR
20	32	7	6804	•	•			
	37	9	6904	•	•	•		
	42	8	16004					
	42	9	98204					
	42	12	6004	•	•	•	•	•
	47	14	6204	•	•	•	•	•
	52	10	98304					
	52	15	6304	•	•	•	•	•
	72	19	6404					
22	44	12	60/22	•	•	•	•	•
	50	14	62/22	•	•	•	•	•
	56	16	63/22	•	•	•	•	•
25	37	7	6805	•	•	•		
	42	9	6905	•	•	•		
	47	8	16005					
	47	12	6005	•	•	•	•	•
	52	9	98205					
	52	15	6205	•	•	•	•	•
	62	12	98305					
	62	17	6305	•	•	•	•	•
	80	21	6405					
28	52	12	60/28	•	•	•	•	•
	58	16	62/28	•	•	•	•	•
	68	18	63/28	•	•	•	•	•
30	42	7	6806	•	•	•		
	47	9	6906	•	•	•		
	55	9	16006					
	55	13	6006	•	•	•	•	•
	62	10	98206					
	62	16	6206	•	•	•	•	•
	72	19	6306	•	•	•	•	•
	90	23	6406					
32	58	13	60/32	•	•	•	•	•
	65	17	62/32	•	•	•	•	•

BEARING INTERCHANGE TABLE

NSK	ZZ	VV	DDU	NR	ZNR
KOYO	ZZ	2RU	2RS	NR	ZNR
NTN	ZZ	LLB	LLU	NR	ZNR
SKF	2Z	2RS	2RS1	NR	ZNR
FAG	2Z	2RS	-	NR	ZNR
NACHI	ZZ	2NK	2NSL	NR	ZNR

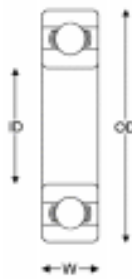
Dimensions in mm.

For more information on miniature bearings, please refer to the Extra Small & Miniature section.

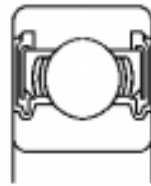
If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

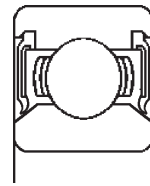
Single Row - Radial
Metric



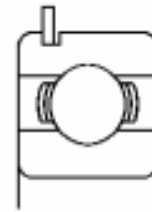
ZZ



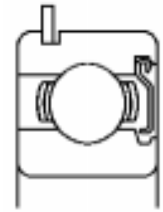
VV



DDU



NR



ZNR

DIMENSIONS	BEARING		VARIANCE					
ID	OD	W	NUMBER	ZZ	VV	DDU	NR	ZNR
32	75	20	63/32	•	•	•	•	
35	47	7	6807	•	•			
	55	10	6907	•	•			
	62	9	16007					
	62	14	6007	•	•	•	•	•
	70	10	98207					
	72	17	6207	•	•	•	•	•
	80	21	6307	•	•	•	•	•
	100	25	6407					
40	52	7	6808	•	•	•		
	62	12	6908	•	•	•		
	68	9	16008					
	68	15	6008	•	•	•	•	•
	80	11	98208					
	80	18	6208	•	•	•	•	•
	90	23	6308	•	•	•	•	•
	110	27	6408					
45	58	7	6809	•	•			
	68	12	6909	•	•	•		
	75	10	16009					
	75	16	6009	•	•	•	•	•
	85	11	98209					
	85	19	6209	•	•	•	•	•
	100	17	98309					
	100	25	6309	•	•	•	•	•
	120	29	6409					
50	65	7	6810	•	•			
	72	12	6910	•	•			
	80	10	16010					
	80	16	6010	•	•	•	•	•
	90	11	98210					
	90	20	6210	•	•	•	•	•
	110	27	6310	•	•	•	•	•
	130	31	6410					
55	72	9	6811	•	•			
	80	13	6911	•	•	•		
	90	11	16011					
	90	18	6011	•	•	•	•	•
	100	21	6211	•	•	•	•	•
	120	29	6311	•	•	•	•	•
	140	33	6411					
60	78	10	6812	•	•			
	85	13	6912	•	•			
	95	11	16012					
	95	18	6012	•	•	•	•	•
	105	12	98212					
	110	22	6212	•	•	•	•	•
	130	31	6312	•	•	•	•	•
	150	35	6412					
65	85	10	6813	•	•			

DIMENSIONS	BEARING		VARIANCE					
ID	OD	W	NUMBER	ZZ	VV	DDU	NR	ZNR
65	90	13	6913	•	•	•		
	100	11	16013					
	100	18	6013	•	•	•	•	•
	120	23	6213	•	•	•	•	•
	140	33	6313	•	•	•	•	•
	160	37	6413					
70	90	10	6814	•	•			
	100	16	6914	•	•	•		
	110	13	16014					
	110	20	6014	•	•	•	•	•
	125	24	6214	•	•	•	•	•
	147	24	98314					
	150	35	6314	•	•	•	•	•
	180	42	6414					
75	95	10	6815	•	•			
	105	16	6915	•	•			
	115	13	16015					
	115	20	6015	•	•	•	•	•
	130	25	6215	•	•	•	•	•
	160	37	6315	•	•	•	•	•
	190	45	6415					
80	100	10	6816	•	•			
	110	16	6916	•	•	•		
	125	14	16016					
	125	22	6016	•	•	•	•	•
	140	26	6216	•	•	•	•	•
	170	39	6316	•	•	•	•	•
	200	48	6416					
85	110	13	6817	•	•			
	120	18	6917	•	•	•		
	130	14	16017					
	130	22	6017	•	•	•	•	•
	150	28	6217	•	•	•	•	•
	180	41	6317	•	•	•	•	•
	210	52	6417					
90	115	13	6818	•	•			

BEARING INTERCHANGE TABLE

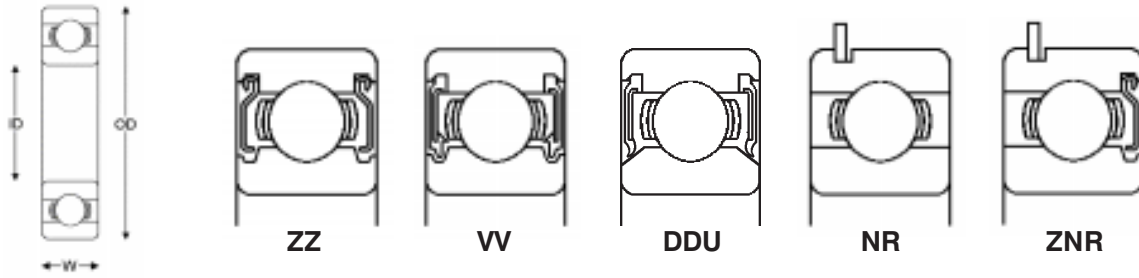
NSK	ZZ	VV	DDU	NR	ZNR
KOYO	ZZ	2RU	2RS	NR	ZNR
NTN	ZZ	LLB	LLU	NR	ZNR
SKF	ZZ	2RS	2RS1	NR	ZNR
FAG	ZZ	2RS	-	NR	ZNR
NACHI	ZZ	2NK	2NSL	NR	ZNR

Dimensions in mm.

If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

Single Row - Radial
Metric



DIMENSIONS ID	OD	W	BEARING NUMBER	VARIANCE				
				ZZ	VV	DDU	NR	ZNR
90	125	18	6918	•	•	•		
140	16	16018						
140	24	6018		•	•	•	•	•
160	30	6218		•	•	•	•	•
190	43	6318		•	•	•	•	•
225	54	6418						
95	120	13	6819	•	•			
130	18	6919		•	•	•		
145	16	16019						
145	24	6019		•	•	•	•	•
170	32	6219		•	•	•	•	•
200	45	6319		•	•	•	•	•
100	125	13	6820	•	•			
140	20	6920		•	•			
150	16	16020						
150	24	6020		•	•	•	•	•
180	34	6220		•	•	•	•	•
215	47	6320		•	•	•		
250	58	6420						
105	130	13	6821	•	•			
145	20	6921		•	•	•		
160	18	16021						
160	26	6021		•	•	•	•	•
190	36	6221		•	•	•	•	•
225	49	6321		•	•	•		
110	140	16	6822	•	•			
150	20	6922		•	•			
170	19	16022						
170	28	6022		•	•	•	•	•
200	38	6222		•	•	•	•	•
240	50	6322		•	•	•		
120	150	16	6824	•	•			
165	22	6924		•	•			
180	19	16024						
180	28	6024		•	•	•	•	•
215	40	6224		•	•	•		
260	55	6324		•				
130	165	18	6826	•	•			
180	24	6926		•	•			
200	22	16026						
200	33	6026		•	•	•	•	•
230	40	6226		•	•	•		
280	58	6326		•				
140	175	18	6828	•				
190	24	6928		•	•			
210	22	16028						
210	33	6028		•	•	•		
250	42	6228		•	•	•		
300	62	6328		•				
150	190	20	6830					

DIMENSIONS ID	OD	W	BEARING NUMBER	VARIANCE				
				ZZ	VV	DDU	NR	ZNR
150	210	28	6930	•	•	•		
225	24	16030						
225	35	6030		•	•	•		
270	45	6230		•				
320	65	6330						
160	200	20	6832	•				
220	28	6932						
240	25	16032						
240	38	6032		•	•	•		
290	48	6232		•				
340	68	6332						
170	215	22	6834	•				
230	28	6934						
260	28	16034						
260	42	6034		•	•			
310	52	6234		•				
360	72	6334						
180	225	22	6836	•				
250	33	6936						
280	31	16036						
280	46	6036		•	•			
320	52	6236		•				
380	75	6336						
190	240	24	6838	•				
260	33	6938						
290	31	16038						
290	46	6038		•				
340	55	6238						
400	78	6338						
200	250	24	6840					
280	38	6940						
310	34	16040						
310	51	6040		•				
360	58	6240		•				
420	80	6340						

BEARING INTERCHANGE TABLE

NSK	ZZ	VV	DDU	NR	ZNR
KOYO	ZZ	2RU	2RS	NR	ZNR
NTN	ZZ	LLB	LLU	NR	ZNR
SKF	ZZ	2RS	2RS1	NR	ZNR
FAG	ZZ	2RS	-	NR	ZNR
NACHI	ZZ	2NK	2NSL	NR	ZNR

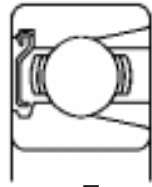
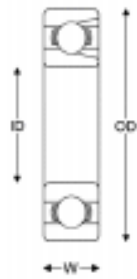
Dimensions in mm.

Larger sizes are available.

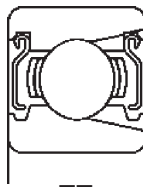
If the product you need is not listed,
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BALL BEARINGS

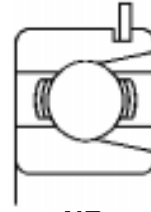
Single Row - Maximum Capacity Metric



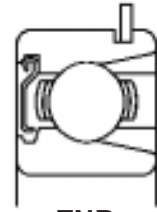
Z



ZZ



NR



ZNR

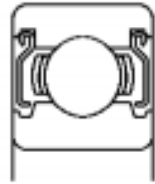
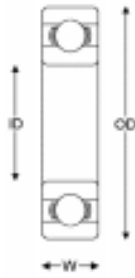
DIMENSIONS			KOYO NUMBER	VARIANCE				NSK NUMBER
ID	OD	W		Z	ZZ	NR	ZNR	
12	32	10					BL201	
15	35	11					BL202	
	42	13					BL302	
17	40	12	M6203				BL203	
	47	14					BL303	
20	47	14	M6204	•	•	•	BL204	
	52	15		•	•	•	BL304	
25	52	15	M6205				BL205	
	62	17	M6305			•	BL305	
30	62	16	M6206			•	BL206	
	72	19	M6306			•	BL306	
35	72	17	M6207			•	BL207	
	80	21	M6307	•	•	•	BL307	
40	80	18	M6208	•	•		BL208	
	90	23	M6308	•	•	•	BL308	
45	85	19	M6209				BL209	
	100	25	M6309	•	•	•	BL309	
50	90	20	M6210	•	•	•	BL210	
	110	27	M6310			•	BL310	
55	100	21	M6211	•	•	•	BL211	
	120	29	M6311			•	BL311	
60	110	22	M6212	•	•	•	BL212	
	130	31	M6312	•	•	•	BL312	
65	120	23	M6213	•	•	•	BL213	
	140	33	M6313			•	BL313	
70	125	24	M6214	•	•	•	BL214	
	150	35	M6314			•	BL314	
75	130	25	M6215	•	•	•	BL215	
	160	37	M6315	•	•		BL315	
80	140	26	M6216	•	•	•	BL216	
	170	39	M6316	•	•		BL316	
85	150	28	M6217	•	•	•	BL217	
	180	41	M6317	•	•		BL317	
90	160	30	M6218	•	•	•	BL218	
	190	43	M6318	•	•		BL318	
95	170	32	M6219	•	•	•	BL219	
	200	45	M6319	•	•		BL319	
100	180	34	M6220	•	•		BL220	
	215	47	M6320				BL320	
110	200	38					BL222	
120	215	40					BL224	
130	230	40					BL226	

Dimensions in mm.

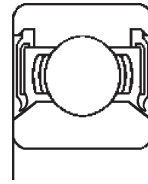
If the product you need is not listed,
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BALL BEARINGS

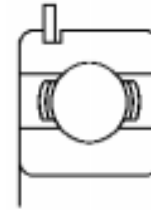
Single Row - Radial
Inch



ZZ



DDU



NR

DIMENSIONS			BEARING NUMBER	VARIANCE			KOYO NO.
ID	OD	W		ZZ	DDU	NR	
0.125	0.3750	0.1563	R 2				
0.188	0.5000	0.1563	R 3				EE1
0.250	0.6250	0.1960	R 4	•			
0.250	0.7500	0.2188	R 4 A				EE2
0.375	0.8750	0.2188	R 6	•	•		EE3
	1.5000	0.5625	RMS 3				
0.500	1.1250	0.2500	R 8	•	•		EE4
	1.3125	0.3750	RLS 4	•	•		
	1.6250	0.6250	RMS 4	•	•		
0.625	1.3750	0.2813	R 10	•	•		EE5
	1.5625	0.4375	RLS 5	•	•		
	1.8125	0.6250	RMS 5	•	•		
0.750	1.6250	0.3125	R 12	•	•		EE6
	1.8750	0.5625	RLS 6	•	•		
	2.0000	0.6875	RMS 6	•	•		
0.875	1.8750	0.3750	R 14	•	•		EE8
	2.0000	0.5625	RLS 7	•	•		
	2.2500	0.6875	RMS 7	•	•		
1.000	2.0000	0.3750	R 16	•	•		EE9
	2.2500	0.6250	RLS 8	•	•	•	
	2.5000	0.7500	RMS 8	•	•	•	
1.125	2.1250	0.3750	R 18				EE10
	2.5000	0.6250	RLS 9	•	•	•	
	2.8125	0.8125	RMS 9	•	•	•	
1.250	2.2500	0.3750	R 20	•			EE11
	2.7500	0.6875	RLS 10	•	•	•	
	3.1250	0.8750	RMS 10	•	•	•	
1.375	2.5000	0.4375	R 22				EE12
	2.5625	0.5625	XLJ 1-3/8				
	3.0000	0.6875	RLS 11	•	•	•	
	3.5000	0.8750	RMS 11	•	•	•	
1.500	2.6250	0.4375	R 24				EE13
	2.6875	0.5625	XLJ 1-1/2				
	3.2500	0.7500	RLS 12	•	•	•	
	3.7500	0.9375	RMS 12	•	•	•	
1.625	2.8750	0.5625	XLJ 1-5/8				
	3.5000	0.7500	RLS 13	•	•	•	
	4.0000	0.9375	RMS 13	•	•	•	

DIMENSIONS			BEARING NUMBER	VARIANCE		
ID	OD	W		ZZ	DDU	NR
1.750	3.0000	0.5625	XLJ 1-3/4			
	3.7500	0.8125	RLS 14	•	•	•
	4.2500	1.0625	RMS 14	•		•
1.875	3.1875	0.6250	XLJ 1-7/8			
	4.0000	0.8125	RLS 15	•		•
	4.5000	1.0625	RMS 15			•
2.000	3.3125	0.6250	XLJ 2			
	4.0000	0.8125	RLS 16	•		•
	4.5000	1.0625	RMS 16			•
2.250	3.5625	0.6250	XLJ 2-1/4			
	4.5000	0.8750	RLS 18	•		•
	5.0000	1.2500	RMS 18			•
2.500	3.8750	0.6875	XLJ 2-1/2			
	5.0000	0.9375	RLS 20			•
	5.5000	1.2500	RMS 20			•
2.750	4.1250	0.6875	XLJ 2-3/4			
	5.2500	0.9375	RLS 22			
	6.2500	1.3750	RMS 22			
3.000	4.5000	0.7500	XLJ 3			
	5.7500	1.0625	RLS 24			
	7.0000	1.5625	RMS 24			
3.250	4.7500	0.7500	XLJ 3-1/4			
	6.0000	1.0625	RLS 26			
	7.5000	1.5625	RMS 26			
3.375	7.5000	1.5625	RMS 27			
3.500	5.0000	0.7500	XLJ 3-1/2			
	6.5000	1.1250	RLS 28			
	8.1250	1.7500	RMS 28			
3.750	5.2500	0.7500	XLJ 3-3/4			
	6.7500	1.1250	RLS 30			
	8.2500	1.7500	RMS 30			
4.000	5.6250	0.8750	XLJ 4			
	7.2500	1.2500	RLS 32			
	8.5000	1.7500	RMS 32			
4.250	6.0000	0.8750	XLJ 4-1/4			
	7.5000	1.2500	RLS 34			
	8.7500	1.7500	RMS 34			
4.500	6.2500	0.8750	XLJ 4-1/2			

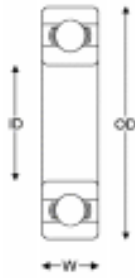
R series bearings equivalent to Koyo EE series have a greater width in the ZZ and 2RS varieties. The "W" measurement listed above refers to the open bearing. Please contact your local BSC branch for other measurements.

Dimensions in inches.

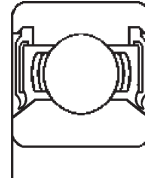
If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

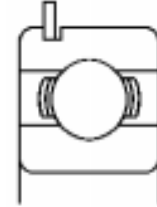
Single Row - Radial
Inch and Inch Bore Metric



ZZ



DDU



NR

DIMENSIONS			BEARING NUMBER	VARIANCE		
ID	OD	W		ZZ	DDU	NR
	8.0000	1.3125	RLS 36			
	9.3750	2.0000	RMS 36			
4.750	6.5000	0.8750	XLJ 4-3/4			
	8.2500	1.3125	RLS 38			
	10.0000	2.0000	RMS 38			
5.000	7.0000	1.0000	XLJ 5			
	8.0000	1.3750	RLS 40			
	10.0000	2.0000	RMS 40			
5.250	7.2500	1.0000	XLJ 5-1/4			
5.500	7.5000	1.0000	XLJ 5-1/2			
	9.5000	1.3750	RLS 44			
	11.0000	2.0000	RMS 44			
5.750	7.7500	1.0000	XLJ 5-3/4			
6.000	8.0000	1.0000	XLJ 6			
	10.5000	1.5625	RLS 48			
	12.0000	2.2500	RMS 48			
6.500	8.7500	1.1250	XLJ 6-1/2			
	11.0000	1.5625	RLS 52			
	13.0000	2.5000	RMS 52			
7.000	9.5000	1.2500	XLJ 7			
	12.0000	1.7500	RLS 56			
	13.5000	2.5000	RMS 56			
7.500	10.0000	1.2500	XLJ 7-1/2			
	12.5000	1.7500	RLS 60			
	14.5000	2.7500	RMS 60			
8.000	10.7500	1.3750	XLJ 8			
	13.0000	1.7500	RLS 64			
	15.0000	2.7500	RMS 64			
8.500	11.5000	1.5000	XLJ 8-1/2			
	14.0000	2.0000	RLS 68			
	16.0000	3.0000	RMS 68			
9.000	12.0000	1.5000	XLJ 9			
	14.5000	2.0000	RLS 72			
	17.0000	3.0000	RMS 72			

DIMENSIONS			BEARING NUMBER
ID	OD	W	
	12.700 (0.500)	32	6201-08DDU
		35	6202-08ZZ
		35	6202-08DDU
		40	6203-08ZZ
15.875 (0.625)	35	11	6202-10DDU
	35	11	6202-10DDUNR
	40	12	6203-625DDU
19.050 (0.750)	40	12	6203-12DDU
	47	14	6204-750DDU
25.400 (1.000)	52	15	6205X2DDU25.4

Dimensions in mm. Inches shown in brackets.

BEARING INTERCHANGE TABLE

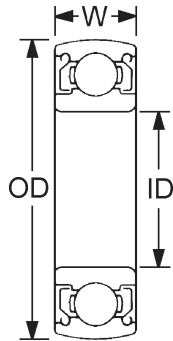
NSK	ZZ	VV	DDU	NR	ZNR
KOYO	ZZ	2RU	2RS	NR	ZNR
NTN	ZZ	LLB	LLU	NR	ZNR
SKF	ZZ	2RS	2RS1	NR	ZNR
FAG	ZZ	2RS	-	NR	ZNR
NACHI	ZZ	2NK	2NSL	NR	ZNR

Dimensions in inches.

If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

Single Row - Spherical OD Metric



DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
10	30	9	CS 200 DDU
12	32	10	CS 201 DDU
15	35	11	CS 202 DDU
17	40	12	CS 203 DDU
20	47	14	CS 204 DDU
25	52	15	CS 205 DDU
	62	17	CS 305 DDU
30	62	16	CS 206 DDU
	72	19	CS 306 DDU
35	72	17	CS 207 DDU
	80	21	CS 307 DDU
40	80	18	CS 208 DDU
	90	23	CS 308 DDU
45	85	19	CS 209 DDU
	100	25	CS 309 DDU
50	90	20	CS 210 DDU
	100	27	CS 310 DDU

62200 SERIES

PART NUMBER	ID	OD	W
62200	10	30	14
62200-2RS	10	30	14
62201	12	32	14
62201-2RS	12	32	14
62202	15	35	14
62202-2RS	15	35	14
62203	17	40	16
62203-2RS	17	40	16
62204	20	47	18
62204-2RS	20	47	18
62205	25	52	18
62205-2RS	25	52	18
62206	30	62	20
62206-2RS	30	62	20
62207	35	72	23
62207-2RS	35	72	23
62208	40	80	23
62208-2RS	40	80	23
62209	45	85	23
62210	50	90	23
62211	55	100	25
62212	60	110	28
62213	65	120	31
62214	70	125	31

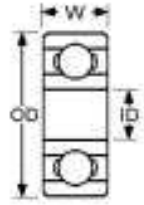
62300 SERIES

PART NUMBER	ID	OD	W
62300	10	35	17
62301	12	37	17
62301-2RS	12	37	17
62302	15	42	17
62302-2RS	15	42	17
62303	17	47	19
62303-2RS	.75	40	12
62304	20	52	21
62304-2RS	20	52	21
62305	25	62	24
62305-2RS	25	62	24
62306	30	72	27
62307	35	80	31
62308	40	90	33
62309	45	100	36
62310	50	110	40
62311	55	120	43
62312	60	130	46
62313	65	140	48
62314	70	150	51

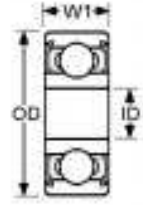
If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

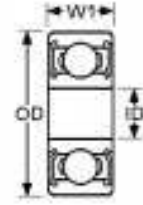
Extra Small & Miniature
Metric



Open



ZZ



VV

DIMENSIONS (mm)	BEARING NUMBER		VARIANCE			
	ID	OD	W	W1	ZZ	W
1	3	1	681			
	3	1.5	OB03			
	4	1.6	691			
1.2	4	1.8	OB05			
1.5	4	1.2	68/1.5	•		
	5	2	69/1.5	•		
	6	2.5	OB08	•		
2	5	1.5	682	•		
	5	2	OB11	•		
	6	2.3	692	•		
	6	2.5	OB13	•		
	7	2.5	OB14	•		
	7	2.8	602	•		
2.5	6	1.8	68/2.5	•		
	7	2.5	69/2.5	•		
	8	2.5	OB16	•		
	8	2.8	OB17	•		
3	6	2	ML3006	•		
	7	2	683	•		
	8	2.5	ML3008	•		
	8	3	693	•		
	9	3	603	•		
	10	4	623	•		
	13	5	633	•		
4	7	2	ML4007	•		
	8	2	ML4008	•		
	9	2.5	684	•		
	10	3	ML4010	•		
	11	4	694	•		
	12	4	604	•		
	13	5	624	•	•	
	16	5	634	•		
5	8	2	ML5008	•		
	9	2.5	ML5009	•		

DIMENSIONS (mm)	BEARING NUMBER		VARIANCE			
	ID	OD	W	W1	ZZ	W
5	10	3	4	ML5010	•	
	11	3	5	685	•	
	13	4	4	695	•	
	14	5	5	605	•	•
	16	5	5	625	•	
	19	6	6	635	•	•
6	10	2.5	3	ML6010	•	
	12	3	4	ML6012	•	
	13	3.5	5	686	•	
	15	5	5	696	•	•
	17	6	6	606	•	•
	19	6	6	626	•	•
	19	8	8	OB47	•	
	22	7	7	636	•	•
7	11	2.5	3	ML7011	•	
	13	3	4	ML7013	•	
	14	3.5	5	687	•	
	17	5	5	697	•	•
	19	6	6	607	•	•
	22	7	7	627	•	•
	22	8	8	OB52	•	
	26	9	9	637	•	•
8	12	2.5	3.5	ML8012	•	
	14	3.5	4	ML8014	•	
	16	4	5	688	•	
	19	6	6	698	•	•
	22	7	7	608	•	•
	24	8	8	628	•	•
	28	9	9	638	•	•
9	17	4	5	689	•	
	20	6	6	699	•	•
	24	7	7	609	•	•
	26	8	8	629	•	•
	30	10	10	639	•	•

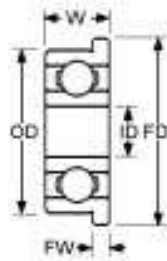
BEARING INTERCHANGE TABLE

NSK	ZZ	VV	DDU	NR	ZNR
KOYO	ZZ	2RU	2RS	NR	ZNR
NTN	ZZ	LLB	LLU	NR	ZNR
SKF	ZZ	2RS	2RS1	NR	ZNR
FAG	ZZ	2RS	-	NR	ZNR
NACHI	ZZ	2NK	2NSL	NR	ZNR

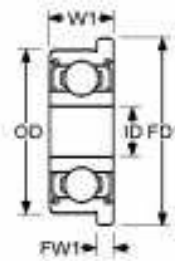
If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

Extra Small & Miniature
Flanged - Metric



Open



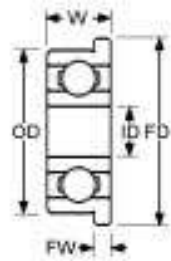
ZZ

ID	OD	DIMENSIONS (mm)						BEARING NUMBER	VARIANCE ZZ
		W	W1	FD	FD1	FW	FW1		
1	3	1		3.8		0.3		F681	
	4	1.6		5		0.5		F691	
1.5	4	1.2	2	5	5	0.4	0.6	F68/1.5	•
	5	2	2.6	6.5	6.5	0.6	0.8	F69/1.5	•
2	6	2.5	3	7.5	7.5	0.6	0.8	OBF08	•
	5	1.5	2.3	6.1	6.1	0.5	0.6	F682	•
	5	2	2.5	6.2	6.2	0.6	0.6	OBF11	•
	6	2.3	3	7.5	7.5	0.6	0.8	F692	•
	6	2.5	3	7.2	7.2	0.6	0.6	OBF13	•
2.5	7	2.5	3	8.2	8.2	0.6	0.6	OBF14	•
	7	2.8	3.5	8.5	8.5	0.7	0.9	F602	•
	6	1.8	2.6	7.1	7.1	0.5	0.8	F68/2.5	•
	7	2.5	3.5	8.5	8.5	0.7	0.9	F69/2.5	•
	8	2.8	4	9.5	9.5	0.7	0.9	OBF17	•
3	6	2	2.5	7.2	7.2	0.6	0.6	MLF3006	•
	7	2	3	8.1	8.1	0.5	0.8	F683	•
	8	3	4	9.5	9.5	0.7	0.9	F693	•
	9	3	5	10.5	10.5	0.7	1	F603	•
	10	4	4	11.5	11.5	1	1	F623	•
4	13	5	5	15	15	1	1	F633	•
	7	2	2.5	8.2	8.2	0.6	0.6	MLF4007	•
	8	2	3	9.2	9.2	0.6	0.6	MLF4008	•
	9	2.5	4	10.3	10.3	0.6	1	F684	•
	10	3	4	11.2	11.6	0.6	0.8	MLF4010	•
	11	4	4	12.5	12.5	1	1	F694	•
	12	4	4	13.5	13.5	1	1	F604	•
13	5	5	15	15	1	1	F624	•	
	16	5	5	18	18	1	1	F634	•

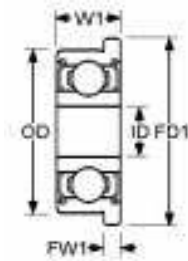
If the product you need is not listed,
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BALL BEARINGS

Extra Small & Miniature
Flanged - Metric



Open



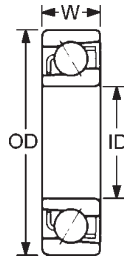
ZZ

ID	OD	DIMENSIONS (mm)						BEARING NUMBER	VARIANCE ZZ
		W	W1	FD	FD1	FW	FW1		
5	8	2	2.5	9.2	9.2	0.6	0.6	MLF5008	•
	9	2.5	3	10.2	10.2	0.6	0.6	MLF5009	•
	10	3	4	11.2	11.6	0.6	0.8	MLF5010	•
	11	3	5	12.5	12.5	0.8	1	F685	•
	13	4	4	15	15	1	1	F695	•
	14	5	5	16	16	1	1	F605	•
	16	5	5	18	18	1	1	F625	•
	19	6	6	22	22	1.5	1.5	F635	•
	6	10	2.5	3	11.2	11.2	0.6	0.6	MLF6010
12		3	4	13.2	13.6	0.6	0.8	MLF6012	•
13		3.5	5	15	15	1	1.1	F686	•
15		5	5	17	17	1.2	1.2	F696	•
17		6	6	19	19	1.2	1.2	F606	•
19		6	6	22	22	1.5	1.5	F626	•
22		7	7	25	25	1.5	1.5	F636	•
7	11	2.5	3	12.2	12.2	0.6	0.6	MLF7011	•
	13	3	4	14.2	14.6	0.6	0.8	MLF7013	•
	14	3.5	5	16	16	1	1.1	F687	•
	17	5	5	19	19	1.2	1.2	F697	•
	19	6	6	22	22	1.5	1.5	F607	•
	22	7	7	25	25	1.5	1.5	F627	•
	26	9	9	29	29	2	2	F637	•
8	12	2.5	3.5	13.2	13.6	0.6	0.8	MLF8012	•
	14	3.5	4	15.6	15.6	0.8	0.8	MLF8014	•
	16	4	5	18	18	1	1.1	F688	•
	19	6	6	22	22	1.5	1.5	F698	•
	22	7	7	25	25	1.5	1.5	F608	•
9	17	4	5	19	19	1	1.1	F689	•
	20	6	6	23	23	1.5	1.5	F699	•
	24	7	7	27	27	1.5	1.5	F609	•

If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

Single Row - Angular Contact Metric

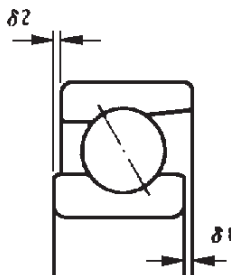


With pressed cage

DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
10	26	8	7000 B
	30	9	7200 B
	35	11	7300 B
12	28	8	7001 B
	32	10	7201 B
	37	12	7301 B
15	32	9	7002 B
	35	11	7202 B
	42	13	7302 B
17	35	10	7003 B
	40	12	7203 B
	47	14	7303 B
20	42	12	7004 B
	47	14	7204 B
	52	15	7304 B
	72	19	7404 B
25	47	12	7005 B
	52	15	7205 B
	62	17	7305 B
	80	21	7405 B
30	55	13	7006 B
	62	16	7206 B
	72	19	7306 B
	90	23	7406 B
35	62	14	7007 B
	72	17	7207 B
	80	21	7307 B
	100	25	7407 B

DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
40	68	15	7008 B
	80	18	7208 B
	90	23	7308 B
	110	27	7408 B
45	75	16	7009 B
	85	19	7209 B
	100	25	7309 B
	120	29	7409 B
50	80	16	7010 B
	90	20	7210 B
	110	27	7310 B
	130	31	7410 B
55	90	18	7011 B
	100	21	7211 B
	120	29	7311 B
	140	33	7411 B
60	95	18	7012 B
	110	22	7212 B
	130	31	7312 B
	150	35	7412 B
65	100	18	7013 B
	120	23	7213 B
	140	33	7313 B
	160	37	7413 B
70	110	20	7014 B
	125	24	7214 B
	150	35	7314 B
	180	42	7414 B

Ground face bearings are identified by the suffix "G". These bearings have a stand-out between the inner ring and outer ring on both sides that are equal in size and can be matched in a variety of ways. The clearance size of such bearings when mounted should be "C2" in general. Example: 7309 BG



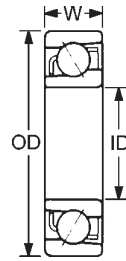
The standard contact angle is 40° and is identified by the suffix "B". Other angles of contact available are 30° with a suffix "A" and 15° with a suffix "C".

Other cage materials available in some sizes are machined brass identified by suffix "FY" and phenolic resin with suffix "FT".

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

Single Row - Angular Contact Metric

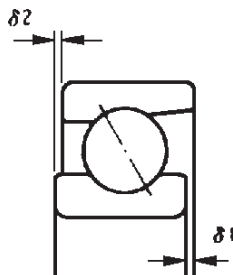


With pressed cage

DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
75	115	20	7015 B
	130	25	7215 B
	160	37	7315 B
	190	45	7415 B
80	125	22	7016 B
	140	26	7216 B
	170	39	7316 B
	200	48	7416 B
85	130	22	7017 B
	150	28	7217 B
	180	41	7317 B
	210	52	7417 B
90	140	24	7018 B
	160	30	7218 B
	190	43	7318 B
	225	54	7418 B
95	145	24	7019 B
	170	32	7219 B
	200	45	7319 B
100	150	24	7020 B
	180	34	7220 B
	215	47	7320 B
105	160	26	7021 B
	190	36	7221 B
	225	49	7321 B
110	170	28	7022 B
	200	38	7222 B
	240	50	7322 B

DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
120	180	28	7024 B
	215	40	7224 B
	260	55	7324 B
130	200	33	7026 B
	230	40	7226 B
	280	58	7326 B
140	210	33	7028 B
	250	42	7228 B
	300	62	7328 B
150	225	35	7030 B
	270	45	7230 B
	320	65	7330 B
160	240	38	7032 B
	290	48	7232 B
	340	68	7332 B
170	260	42	7034 B
	310	52	7234 B
	360	72	7334 B
180	280	46	7036 B
	320	52	7236 B
	380	75	7336 B
190	290	46	7038 B
	340	55	7238 B
	400	78	7338 B
200	310	51	7040 B
	360	58	7240 B
	420	80	7340 B

Ground face bearings are identified by the suffix "G". These bearings have a stand out between the inner ring and outer ring on both sides that are equal in size and can be matched in a variety of ways. The clearance size of such bearings when mounted should be "C2" in general. Example: 7309 BG



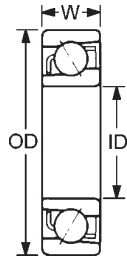
The standard contact angle is 40° and is identified by the suffix "B". Other angles of contact available are 30° with a suffix "A" and 15° with a suffix "C".

Other cage materials available in some sizes are machined brass identified by suffix "FY" and phenolic resin with suffix "FT".

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

Single Row - Angular Contact Inch



With pressed cage

DIMENSIONS (inches)			BEARING NUMBER	DIMENSIONS (inches)			BEARING NUMBER
ID	OD	W		ID	OD	W	
0.375	1.5000	0.5625	MJT 3/8	3.000	7.0000	1.5625	MJT 3
0.500	1.3125	0.3750	LJT 1/2	3.250	6.0000	1.0625	LJT 3-1/4
	1.6250	0.6250	MJT 1/2		7.5000	1.5625	MJT 3-1/4
0.625	1.5625	0.4375	LJT 5/8	3.375	7.5000	1.5625	MJT 3-3/8
	1.8125	0.6250	MJT 5/8	3.500	6.5000	1.1250	LJT 3-1/2
0.750	1.8750	0.5625	LJT 3/4		8.1250	1.7500	MJT 3-1/2
	2.0000	0.6875	MJT 3/4	3.750	6.7500	1.1250	LJT 3-3/4
0.875	2.0000	0.5625	LJT 7/8		8.2500	1.7500	MJT 3-3/4
	2.2500	0.6875	MJT 7/8	4.000	7.2500	1.2500	LJT 4 E
1.000	2.2500	0.6250	LJT 1		8.5000	1.7500	MJT 4 E
	2.5000	0.7500	MJT 1	4.250	7.5000	1.2500	LJT 4-1/4
1.125	2.5000	0.6250	LJT 1-1/8		8.7500	1.7500	MJT 4-1/4
	2.8125	0.8125	MJT 1-1/8	4.500	8.0000	1.3125	LJT 4-1/2
1.250	2.7500	0.6875	LJT 1-1/4		9.3750	2.0000	MJT 4-1/2
	3.1250	0.8750	MJT 1-1/4	4.750	8.2500	1.3125	LJT 4-3/4
1.375	3.0000	0.6875	LJT 1-3/8		10.0000	2.0000	MJT 4-3/4
	3.5000	0.8750	MJT 1-3/8	5.000	9.0000	1.3750	LJT 5 E
1.500	3.2500	0.7500	LJT 1-1/2		10.0000	2.0000	MJT 5 E
	3.7500	0.9375	MJT 1-1/2	5.500	9.5000	1.3750	LJT 5-1/2
1.625	3.5000	0.7500	LJT 1-5/8		11.0000	2.0000	MJT 5-1/2
	4.0000	0.9375	MJT 1-5/8	6.000	10.5000	1.5625	LJT 6 E
1.750	3.7500	0.8125	LJT 1-3/4		12.0000	2.2500	MJT 6 E
	4.2500	1.0625	MJT 1-3/4	6.500	11.0000	1.5625	LJT 6-1/2
1.875	4.0000	0.8125	LJT 1-7/8		13.0000	2.5000	MJT 6-1/2
	4.5000	1.0625	MJT 1-7/8	7.000	12.0000	1.7500	LJT 7 E
2.000	4.0000	0.8125	LJT 2		13.5000	2.5000	MJT 7 E
	4.5000	1.0625	MJT 2	7.500	12.5000	1.7500	LJT 7-1/2
2.250	4.5000	0.8750	LJT 2-1/4		14.5000	2.7500	MJT 7-1/2
	5.0000	1.2500	MJT 2-1/4	8.000	13.0000	1.7500	LJT 8 E
2.500	5.0000	0.9375	LJT 2-1/2		15.0000	2.7500	MJT 8 E
	5.5000	1.2500	MJT 2-1/2	8.500	14.0000	2.0000	LJT 8-1/2
2.750	5.2500	0.9375	LJT 2-3/4		16.0000	3.0000	MJT 8-1/2
	6.2500	1.3750	MJT 2-3/4	9.000	14.5000	2.0000	LJT 9 E
3.000	5.7500	1.0625	LJT 3		17.0000	3.0000	MJT 9 E

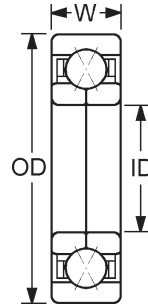
Standard contact angle is 20°.

Other contact angles are 15° with suffix "X2" and 30° with suffix "X4".

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

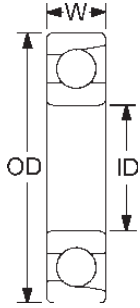
Single Row - Duplex
Metric & Inch



DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
17	40	12	QJ 203
20	47	14	QJ 204
	52	15	QJ 304
25	52	15	QJ 205
	62	17	QJ 305
30	62	16	QJ 206
	72	19	QJ 306
35	72	17	QJ 207
	80	21	QJ 307
40	80	18	QJ 208
	90	23	QJ 308
45	85	19	QJ 209
	100	25	QJ 309
50	90	20	QJ 210
	110	27	QJ 310
55	100	21	QJ 211
	120	29	QJ311
60	110	22	QJ 212
	130	31	QJ 312
65	120	23	QJ 213
	140	33	QJ 313
70	125	24	QJ 214
	150	35	QJ 314
75	130	25	QJ 215
	160	37	QJ 315
80	140	26	QJ 216
	170	39	QJ 316
85	150	28	QJ 217
	180	41	QJ 317
90	160	30	QJ 218
	190	43	QJ 318
95	170	32	QJ 219
	200	45	QJ 319
100	180	34	QJ 220
	215	47	QJ 320
105	225	49	QJ 321
110	200	38	QJ 222
	240	50	QJ 322

DIMENSIONS (inches)			BEARING NUMBER
ID	OD	W	
1.000	2.2500	0.6250	QJL 1
	2.5000	0.7500	QJM 1
1.125	2.5000	0.6250	QJL 1-1/8
	2.8125	0.8125	QJM 1-1/8
1.250	2.7500	0.6875	QJL 1-1/4
	3.1250	0.8750	QJM 1-1/4
1.375	3.0000	0.6875	QJL 1-3/8
	3.5000	0.8750	QJM 1-3/8
1.500	3.2500	0.7500	QJL 1-1/2
	3.7500	0.9375	QJM 1-1/2
1.625	3.5000	0.7500	QJL 1-5/8
	4.0000	0.9375	QJM 1-5/8
1.750	3.7500	0.8125	QJL 1-3/4
	4.2500	1.0625	QJM 1-3/4
1.875	4.0000	0.8125	QJL 1-7/8
	4.5000	1.0625	QJM 1-7/8
2.000	4.0000	0.8125	QJL 2
	4.5000	1.0625	QJM 2
2.250	4.5000	0.8750	QJL 2-1/4
	5.0000	1.2500	QJM 2-1/4
2.500	5.0000	0.9375	QJL 2-1/2
	5.5000	1.2500	QJM 2-1/2
2.750	5.2500	0.9375	QJL 2-3/4
	6.2500	1.3750	QJM 2-3/4
3.000	5.7500	1.0625	QJL 3
	7.0000	1.5625	QJM 3
3.250	6.0000	1.0625	QJL 3-1/4
	7.5000	1.5625	QJM 3-1/4
3.375	7.5000	1.5625	QJL 3-3/8
	8.1250	1.7500	QJM 3-3/8
3.500	6.5000	1.1250	QJL 3-1/2
	8.1250	1.7500	QJM 3-1/2
3.750	6.7500	1.1250	QJL 3-3/4
	8.2500	1.7500	QJM 3-3/4
4.000	7.2500	1.2500	QJL 4
	8.5000	1.7500	QJM 4
4.250	8.7500	1.7500	QJL 4-1/4
	9.3750	2.0000	QJM 4-1/4
4.500	8.0000	1.3125	QJL 4-1/2
	9.3750	2.0000	QJM 4-1/2
4.750	10.0000	2.0000	QJL 4-3/4
	10.0000	2.0000	QJM 5
5.000	11.0000	2.0000	QJL 5-1/2
	12.0000	2.2500	QJM 6

If the product you need is not listed,
please contact your local BSC branch.



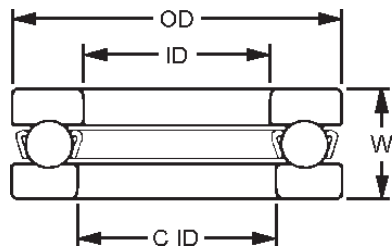
DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
3	16	5	E 3
4	16	5	E 4
5	16	5	E 5
6	21	7	E 6
7	22	7	E 7
8	24	7	E 8
9	28	8	E 9
10	28	8	E 10
12	32	7	E 12
13	30	7	E 13
15	35	8	E 15
17	40	10	L 17
20	47	12	E 20
20	47	12	R20-11XSA

Tapered Roller

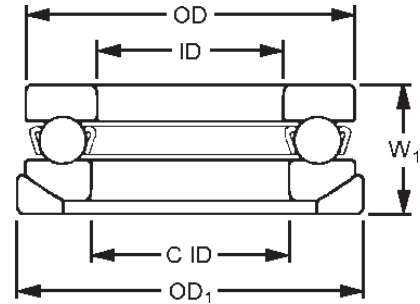
If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

Thrust
Metric - Single Direction



With flat back faces



With aligning seat washer

DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WT FLAT BACK FACES	WT ALIGNING SEAT WASER
10	11	24	9	51100	
	12	26	11	51200	53200 U
12	13	26	9	51101	
	14	28	11	51201	53201 U
15	16	28	9	51102	
	17	32	12	51202	53202 U
17	18	30	9	51103	
	19	35	12	51203	53203 U
20	21	35	10	51104	
	22	40	14	51204	53204 U
25	26	42	11	51105	
	27	47	15	51205	53205 U
	27	52	18	51305	53305 U
	27	60	24	51405	53405 U
30	32	47	11	51106	
	32	52	16	51206	53206 U
	32	60	21	51306	53306 U
	32	70	28	51406	53406 U
35	37	52	12	51107	
	37	62	18	51207	53207 U
	37	68	24	51307	53307 U
	37	80	32	51407	53407 U
40	42	60	13	51108	
	42	68	19	51208	53208 U
	42	78	26	51308	53308 U
	42	90	36	51408	53408 U
45	47	65	14	51109	
	47	73	20	51209	53209 U

DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WT FLAT BACK FACES	WT ALIGNING SEAT WASER
45	47	85	28	51309	53309 U
	47	100	39	51409	53409 U
50	52	70	14	51110	
	52	78	22	51210	53210 U
	52	95	31	51310	53310 U
	52	110	43	51410	53410 U
55	57	78	16	51111	
	57	90	25	51211	53211 U
	57	105	35	51311	53311 U
	57	120	48	51411	53411 U
60	62	85	17	51112	
	62	95	26	51212	53212 U
	62	110	35	51312	53312 U
	62	130	51	51412	53412 U
65	67	90	18	51113	
	67	100	27	51213	53213 U
	67	115	36	51313	53313 U
	68	140	56	51413	53413 U
70	72	95	18	51114	
	72	105	27	51214	53214 U
	72	125	40	51314	53314 U
	73	150	60	51414	53414 U
75	77	100	19	51115	
	77	110	27	51215	53215 U
	77	135	44	51315	53315 U
	78	160	65	51415	53415 U
80	82	105	19	51116	
	82	115	28	51216	53216 U

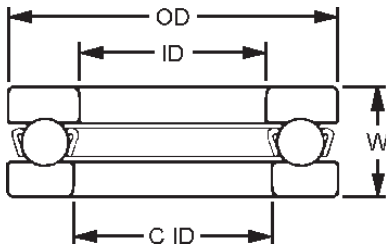
The dimensions shown in the table are for a bearing with flat back faces.

For dimensions W_1 and OD_1 , please contact your local BSC branch.

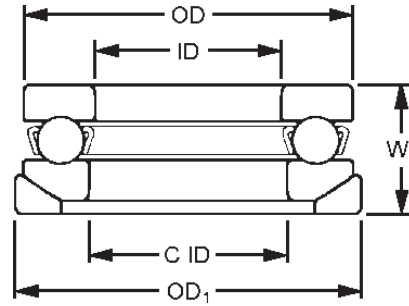
If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

Thrust
Metric - Single Direction



With flat back faces



With aligning seat washer

DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WIT FLAT BACK FACES	WIT ALIGNING SEAT WASER
80	82	140	44	51316	53316 U
	83	170	68	51416	53416 U
85	87	110	19	51117	
	88	125	31	51217	53217 U
	88	150	49	51317	53317 U
	88	180	72	51417	53417 U
90	92	120	22	51118	
	93	135	35	51218	53218 U
	93	155	50	51318	53318 U
	93	190	77	51418	53418 U
100	102	135	25	51120	
	103	150	38	51220	53220 U
	103	170	55	51320	53320 U
	103	210	85	51420	53420 U
110	112	145	25	51122	
	113	160	38	51222	53222 U
	113	190	63	51322	53322 U
	113	230	95	51422	
120	122	155	25	51124	
	123	170	39	51224	53224 U
	123	210	70	51324	53324 U
	123	250	102	51424	
130	132	170	30	51126	
	133	190	45	51226	53226 U
	134	225	75	51326	53326 U
	134	270	110	51426	

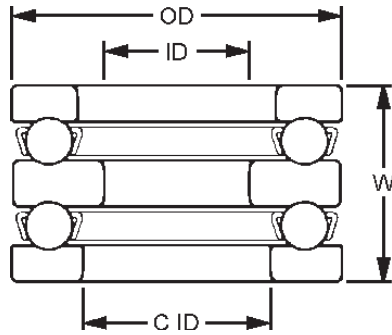
DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WIT FLAT BACK FACES	WIT ALIGNING SEAT WASER
140	142	180	31	51128	
	143	200	46	51228	53228 U
	144	240	80	51328	53328 U
	144	280	112	51428	
150	152	190	31	51130	
	153	215	50	51230	53230 U
	154	250	80	51330	53330 U
	154	300	120	51430	
160	162	200	31	51132	
	163	225	51	51232	53232 U
	164	270	87	51332	53332 U
	164	320	130	51432	
170	172	215	34	51134	
	173	240	55	51234	53234 U
	174	280	87	51334	53334 U
	174	340	135	51434	
180	183	225	34	51136	
	183	250	56	51236	53236 U
	184	300	95	51336	53336 U
	184	360	140	51436	
190	193	240	37	51138	
	194	270	62	51238	53238 U
	195	320	105	51338	53338 U
200	203	250	37	51140	
	204	280	62	51240	53240 U
	205	340	110	51340	53340 U

The dimensions shown in the table are for a bearing with flat back faces.
For dimensions W_1 and OD_1 , please contact your local BSC branch.

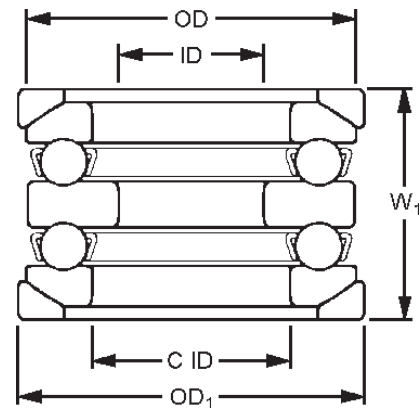
If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

Thrust
Metric - Double Direction



With flat back faces



With aligning seat washers

DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WT FLAT BACK FACES	WT ALIGNING SEAT WASHERS
10	17	32	22	52202	54202 U
15	22	40	26	52204	54204 U
	27	60	45	52405	54405 U
20	27	47	28	52205	54205 U
	27	52	34	52305	54305 U
	32	70	52	52406	54406 U
25	32	52	29	52206	54206 U
	32	60	38	52306	54306 U
	37	80	59	52407	54407 U
30	37	62	34	52207	54207 U
	42	68	36	52208	54208 U
	37	68	44	52307	54307 U
	42	78	49	52308	54308 U
	42	90	65	52408	54408 U
35	47	73	37	52209	54209 U
	47	85	52	52309	54309 U
	47	100	72	52409	54409 U
40	52	78	39	52210	54210 U
	52	95	58	52310	54310 U
	52	110	78	52410	54410 U
45	57	90	45	52211	54211 U
	57	105	64	52311	54311 U
	57	120	87	52411	54411 U
50	62	95	46	52212	54212 U
	62	110	64	52312	54312 U
	62	130	93	52412	54412 U
	68	140	101	52413	54413 U
55	67	100	47	52213	54213 U
	72	105	47	52214	54214 U
	67	115	65	52313	54313 U
	72	125	72	52314	54314 U
	73	150	107	52414	54414 U
60	77	110	47	52215	54215 U
	77	135	79	52315	54315 U
	78	160	115	52415	54415 U
65	82	115	48	52216	54216 U
	82	140	79	52316	54316 U
	83	170	120	52416	54416 U

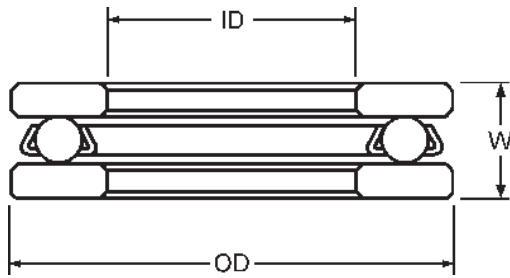
DIMENSIONS (mm)				BEARING NUMBER	
ID	C ID	OD	W	WT FLAT BACK FACES	WT ALIGNING SEAT WASHERS
65	88	180	128	52417	54417 U
70	88	125	55	52217	54217 U
	88	150	87	52317	54317 U
	93	190	135	52418	54418 U
75	93	135	62	52218	54218 U
	93	155	88	52318	54318 U
80	103	210	150	52420	54420 U
85	103	150	67	52220	54220 U
		170	97	52320	54320 U
90	113	230	166	52422	
95	113	160	67	52222	54222 U
	113	190	110	52322	54322 U
	123	250	177	52424	
100	123	170	68	52224	54224 U
	123	210	123	52324	54324 U
	134	270	192	52426	
110	133	190	80	52226	54226 U
	134	225	130	52326	
	144	280	196	52428	
120	143	200	81	52228	54228 U
	144	240	140	52328	
	154	300	209	52430	
130	153	215	89	52230	54230 U
	154	250	140	52330	
	164	320	226	52432	
135	174	340	236	52434	
140	163	225	90	52232	54232 U
	164	270	153	52332	
	184	360	245	52436	
150	173	240	97	52234	54234 U
	183	250	98	52236	54236 U
	174	280	153	52334	
	184	300	165	52336	
160	194	270	109	52238	54238 U
	195	320	183	52338	
170	204	280	109	52240	54240 U
	205	340	192	52340	
190	224	300	110	52244	54244 U

The dimensions shown in the table are for a bearing with flat back faces.

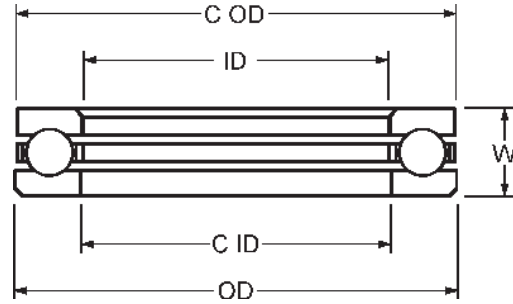
For dimensions W_1 and OD_1 , please contact your local BSC branch.

BALL BEARINGS

Thrust
Inch - Single Direction



FT



LT LT MT

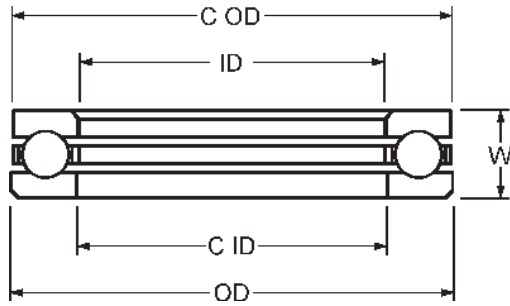
ID	DIMENSIONS (inches)				BEARING NUMBER
	C ID	OD	C OD	W	
0.250		0.656		0.250	FT 1/4
	0.281	0.813	0.781	0.375	LT 1/4
0.313		0.750		0.250	FT 5/16
	0.344	1.000	0.969	0.531	LT 5/16
0.375		0.813		0.250	FT 3/8
	0.406	1.000	0.969	0.531	LT 3/8
0.438		0.875		0.250	FT 7/16
	0.469	1.281	1.250	0.625	LT 7/16
0.500		0.969		0.250	FT 1/2
	0.531	1.281	1.250	0.625	LT 1/2
0.563	0.594	1.406	1.375	0.625	LT 9/16
0.625		1.094		0.281	FT 5/8
	0.656	1.406	1.375	0.625	LT 5/8
0.750		1.313		0.281	FT 3/4
	0.781	1.531	1.500	0.625	LT 3/4
	0.813	1.563	1.500	0.719	MT 3/4
0.875		1.500		0.375	FT 7/8
	0.906	1.656	1.625	0.625	LT 7/8
	0.938	1.813	1.750	0.750	MT 7/8
1.000		1.625		0.375	FT 1
	1.031	1.781	1.750	0.625	LT 1
	1.125	2.000	1.875	0.750	MT 1
1.125		1.750		0.375	FT 1-1/8
	1.156	1.906	1.875	0.625	LT 1-1/8
	1.250	2.250	2.125	0.875	MT 1-1/8
1.250		2.063		0.500	FT 1-1/4
	1.250	2.063	2.063	0.719	LT 1-1/4
	1.375	2.500	2.375	1.000	MT 1-1/4
1.375		2.188		0.500	FT 1-3/8
	1.406	2.219	2.188	0.719	LT 1-3/8
1.500		2.313		0.500	FT 1-1/2
	1.531	2.344	2.313	0.719	LT 1-1/2
	1.625	2.875	2.750	1.125	MT 1-1/2
1.625		2.438		0.500	FT 1-5/8
	1.656	2.469	2.438	0.719	LT 1-5/8
1.750		2.625		0.625	FT 1-3/4
	1.781	2.688	2.656	0.750	LT 1-3/4
	1.875	3.313	3.188	1.250	MT 1-3/4

ID	DIMENSIONS (inches)				BEARING NUMBER
	C ID	OD	C OD	W	
1.875		2.750		0.625	FT 1-7/8
	1.906	2.813	2.781	0.750	LT 1-7/8
2.000		2.875		0.625	FT 2
	2.031	2.969	2.938	0.750	LT 2
	2.031	3.063	3.031	0.688	XLT 2
	2.125	3.688	3.563	1.375	MT 2
2.125	2.156	3.188	3.156	0.688	XLT 2-1/8
	2.156	3.219	3.188	0.875	LT 2-1/8
2.250		3.125		0.625	FT 2-1/4
	2.281	3.313	3.281	0.688	XLT 2-1/4
	2.281	3.344	3.313	0.875	LT 2-1/4
	2.375	4.250	4.125	1.688	MT 2-1/4
2.375	2.406	3.438	3.406	0.688	XLT 2-3/8
	2.406	3.594	3.563	1.000	LT 2-3/8
2.500	2.531	3.563	3.531	0.688	XLT 2-1/2
	2.531	3.719	3.688	1.000	LT 2-1/2
	2.625	4.750	4.625	2.000	MT 2-1/2
2.625	2.656	3.750	3.719	0.750	XLT 2-5/8
	2.656	3.844	3.813	1.000	LT 2-5/8
2.750	2.781	3.875	3.844	0.750	XLT 2-3/4
	2.781	4.031	4.000	1.000	LT 2-3/4
	2.875	5.000	4.875	2.000	MT 2-3/4
2.875	2.906	4.000	3.969	0.750	XLT 2-7/8
	2.906	4.156	4.125	1.000	LT 2-7/8
3.000	3.063	4.125	4.063	0.750	XLT 3
	3.063	4.375	4.313	1.125	LT 3
	3.125	5.625	5.500	2.250	MT 3
3.125	3.188	4.500	4.438	1.125	LT 3-3/8
3.250	3.313	4.375	4.313	0.750	XLT 3-1/4
	3.313	4.813	4.750	1.250	LT 3-1/4
3.375	3.438	4.938	4.875	1.250	LT 3-3/8
3.500	3.563	4.625	4.563	0.750	XLT 3-1/2
	3.563	5.063	5.000	1.250	LT 3-1/2
	3.625	6.438	6.313	2.500	MT 3-1/2
3.625	3.688	5.188	5.125	1.250	LT 3-5/8
3.750	3.813	4.875	4.813	0.750	XLT 3-3/4
	3.813	5.313	5.250	1.250	LT 3-3/4
3.875	3.938	5.688	5.625	1.375	LT 3-7/8

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

Thrust
Inch - Single Direction



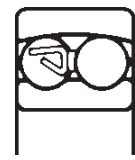
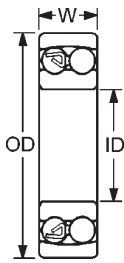
LTLTMT

ID	DIMENSIONS (inches)				BEARING NUMBER
	C ID	OD	C OD	W	
4.000	4.063	5.250	5.188	0.875	XLT 4
	4.063	5.813	5.750	1.375	LT 4
	4.125	7.250	7.125	2.813	MT 4
4.250	4.313	6.313	6.250	1.750	LT 4-1/4
4.500	4.563	5.750	5.688	1.000	XLT 4-1/2
	4.563	6.563	6.500	1.750	LT 4-1/2
	4.625	8.375	8.250	3.375	MT 4-1/2
4.750	4.813	7.063	7.000	2.000	LT 4-3/4
5.000	5.063	6.500	6.438	1.125	XLT 5
	5.063	7.313	7.250	2.000	LT 5
	5.125	9.500	9.375	4.000	MT 5
5.500	5.563	7.000	6.938	1.125	XLT 5-1/2
	5.563	8.063	8.000	2.188	LT 5-1/2
	5.625	10.375	10.250	4.250	MT 5-1/2
6.000	6.063	7.625	7.563	1.250	XLT 6
	6.063	8.688	8.625	2.375	LT 6
	6.125	11.125	11.000	4.500	MT 6
6.500	6.625	8.125	8.000	1.250	XLT 6-1/2
	6.625	9.406	9.281	2.500	LT 6-1/2
7.000	7.125	8.750	8.625	1.375	XLT 7
	7.125	10.125	10.000	2.625	LT 7
	7.125	12.750	12.625	5.000	MT 7
7.500	7.625	9.250	9.125	1.375	XLT 7-1/2
	7.625	10.875	10.750	2.750	LT 7-1/2
8.000	8.125	10.000	9.875	1.500	XLT 8
	8.125	11.625	11.500	3.000	LT 8
	8.125	14.375	14.250	5.625	MT 8
8.500	8.625	10.500	10.375	1.500	XLT 8-1/2
9.000	9.125	11.250	11.125	1.875	XLT 9
	9.125	13.125	13.000	13.500	LT 9

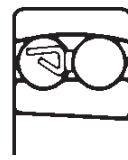
If the product you need is not listed,
please contact your local BSC branch.

BALL BEARINGS

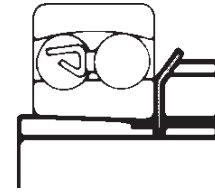
Double Row - Self Aligning Metric



Parallel bore



Tapered bore



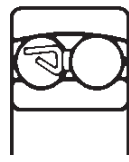
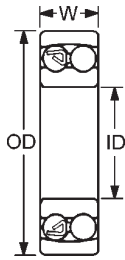
Adapter assembly

DIMENSIONS (mm)			BEARING NUMBER	VARIANCE K	ADAPTER SLEEVES		
ID	OD	W			REF	MM	REF
5	19	6	135				
6	19	6	126				
7	22	7	127				
8	22	7	108				
9	26	8	129				
10	30	9	1200				
	30	14	2200				
	35	11	1300				
	35	17	2300				
12	32	10	1201				
	32	14	2201				
	37	12	1301				
	37	17	2301				
15	35	11	1202				
	35	14	2202				
	42	13	1302				
	42	17	2302				
17	40	12	1203				
	40	16	2203				
	47	14	1303				
	47	19	2303				
20	47	14	1204	•	H204	17	
	47	18	2204				
	52	15	1304	•	H304	17	
	52	21	2304				
25	52	15	1205	•	H205	20	HE205 3/4
	52	18	2205	•	H305	20	HE305 3/4
	62	17	1305	•	H305	20	HE305 3/4
	62	24	2305	•	H2305	20	HE2305 3/4
30	62	16	1206	•	H206	25	HE206 1
	62	20	2206	•	H306	25	HE306 1
	72	19	1306	•	H306	25	HE306 1
	72	27	2306	•	H2306	25	HE2306 1
	90	28	1406				
35	72	17	1207	•	H207	30	
	72	23	2207	•	H307	30	
	80	21	1307	•	H307	30	
	80	31	2307	•	H2307	30	
	100	30	1407				
40	80	18	1208	•	H208	35	HE208 1-1/4
	80	23	2208	•	H308	35	HE308 1-1/4
	90	23	1308	•	H308	35	HE308 1-1/4
	90	33	2308	•	H2308	35	HE2308 1-1/4
	110	33	1408				
45	85	19	1209	•	H209	40	HE209 1-1/2
	85	23	2209	•	H309	40	HE309 1-1/2
	100	25	1309	•	H309	40	HE309 1-1/2
	100	36	2309	•	H2309	40	HE2309 1-1/2
	120	35	1409				
50	90	20	1210	•	H210	45	HE210 1-3/4
	90	23	2210	•	H310	45	HE310 1-3/4
	110	27	1310	•	H310	45	HE310 1-3/4

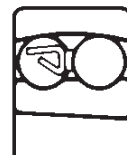
If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

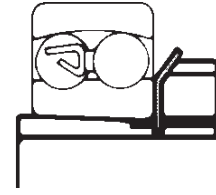
Double Row - Self Aligning Metric



Parallel bore



Tapered bore



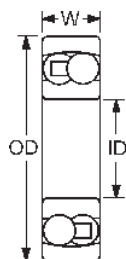
Adapter assembly

DIMENSIONS (mm)			BEARING NUMBER	VARIANCE K	ADAPTER SLEEVES			
ID	OD	W			REF	MM	REF	INCH
50	110	40	2310	•	H2310	45	HE2310	1-3/4
	130	37	1410					
55	100	21	1211	•	H211	50	HE211	2
	100	25	2211	•	H311	50	HE311	2
	120	29	1311	•	H311	50	HE311	2
	120	43	2311	•	H2311	50	HE2311	2
60	140	40	1411					
	110	22	1212	•	H212	55		
	110	28	2212	•	H312	55		
	130	31	1312	•	H312	55		
	130	46	2312	•	H2312	55		
65	150	42	1412					
	120	23	1213	•	H213	60	HE213	2-1/4
	120	31	2213	•	H313	60	HE313	2-1/4
	140	33	1313	•	H313	60	HE313	2-1/4
	140	48	2313	•	H2313	60	HE2313	2-1/4
70	125	24	1214					
	125	31	2214					
	150	35	1314					
	150	51	2314					
75	130	25	1215	•	H215	65	HE215	2-1/2
	130	31	2215	•	H315	65	HE315	2-1/2
	160	37	1315	•	H315	65	HE315	2-1/2
	160	55	2315	•	H2315	65	HE2315	2-1/2
80	140	26	1216	•	H216	70	HE216	2-3/4
	140	33	2216	•	H316	70	HE316	2-3/4
	170	39	1316	•	H316	70	HE316	2-3/4
	170	58	2316	•	H2316	70	HE2316	2-3/4
85	150	28	1217	•	H217	75	HE217	3
	150	36	2217	•	H317	75	HE317	3
	180	41	1317	•	H317	75	HE317	3
	180	60	2317	•	H2317	75	HE2317	3
90	160	30	1218	•	H218	80	HE218	3-1/4
	160	40	2218	•	H318	80	HE318	3-1/4
	190	43	1318	•	H318	80	HE318	3-1/4
	190	64	2318	•	H2318	80	HE2318	3-1/4
95	170	32	1219	•	H219	85	HE219	3-1/4
	170	43	2219	•	H319	85	HE319	3-1/4
	200	45	1319	•	H319	85	HE319	3-1/4
	200	67	2319	•	H2319	85	HE2319	3-1/4
100	180	34	1220	•	H220	90	HE220	3-1/2
	180	46	2220	•	H320	90	HE320	3-1/2
	215	47	1320	•	H320	90	HE320	3-1/2
	215	73	2320	•	H2320	90	HE2320	3-1/2
105	190	36	1221	•	H221	95		
	190	50	2221	•	H321	95		
110	200	38	1222	•	H222	100	HE222	4
	200	53	2222	•	H322	100	HE322	4
	240	50	1322	•	H322	100	HE322	4
	240	80	2322	•	H2322	100	HE2322	4
120	215	42	1224	•	H3024	110	HE3124	4-1/4
130	230	46	1226					

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS

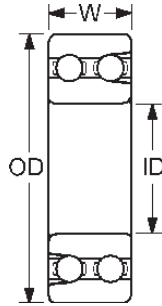
Double Row - Self Aligning Inch



DIMENSIONS (inches)			BEARING NUMBER
ID	OD	W	
0.500	1.3125	0.3750	NLJ 1/2
	1.6250	0.6250	NMJ 1/2
0.625	1.5625	0.4375	NLJ 5/8
	1.8125	0.6250	NMJ 5/8
0.750	1.8750	0.5625	NLJ 3/4
	2.0000	0.6875	NMJ 3/4
0.875	2.0000	0.5625	NLJ 7/8
	2.2500	0.6875	NMJ 7/8
1.000	2.2500	0.6250	NLJ 1
	2.5000	0.7500	NMJ 1
1.125	2.5000	0.6250	NLJ 1-1/8
	2.8125	0.8125	NMJ 1-1/8
1.250	2.7500	0.6875	NLJ 1-1/4
	3.1250	0.8750	NMJ 1-1/4
1.375	3.0000	0.6875	NLJ 1-3/8
	3.5000	0.8750	NMJ 1-3/8
1.500	3.2500	0.7500	NLJ 1-1/2
	3.7500	0.9375	NMJ 1-1/2
1.625	3.5000	0.7500	NLJ 1-5/8
	4.0000	0.9375	NMJ 1-5/8
1.750	3.7500	0.8125	NLJ 1-3/4
	4.2500	1.0625	NMJ 1-3/4
1.875	4.0000	0.8125	NLJ 1-7/8
	4.5000	1.0625	NMJ 1-7/8
2.000	4.0000	0.8125	NLJ 2
	4.5000	1.0625	NMJ 2
2.250	4.5000	0.8750	NLJ 2-1/4
	5.0000	1.2500	NMJ 2-1/4

DIMENSIONS (inches)			BEARING NUMBER
ID	OD	W	
2.500	5.0000	0.9375	NLJ 2-1/2
	5.5000	1.2500	NMJ 2-1/2
2.750	5.2500	0.9375	NLJ 2-3/4
	6.2500	1.3750	NMJ 2-3/4
3.000	5.7500	1.0625	NLJ 3
	7.0000	1.5625	NMJ 3
3.250	6.0000	1.0625	NLJ 3-1/4
	7.5000	1.5625	NMJ 3-1/4
3.375	7.5000	1.5625	NMJ 3-3/8
	3.500	6.5000	1.1250
3.500	8.1250	1.7500	NMJ 3-1/2
	3.750	6.7500	1.1250
4.000	8.2500	1.7500	NMJ 3-3/4
	7.2500	1.2500	NLJ 4
4.250	8.5000	1.7500	NMJ 4
	7.5000	1.2500	NLJ 4-1/4
4.500	8.7500	1.7500	NMJ 4-1/4
	8.0000	1.3125	NLJ 4-1/2
4.750	9.3750	2.0000	NMJ 4-1/2
	8.2500	1.9375	NLJ 4-3/4
5.000	10.0000	2.0000	NMJ 4-3/4
	9.0000	1.3750	NLJ 5
5.500	10.0000	2.0000	NMJ 5
	9.5000	1.3750	NLJ 5-1/2
6.000	11.0000	2.0000	NMJ 5-1/2
	10.5000	1.5625	NLJ 6
	12.0000	2.2500	NMJ 6

If the product you need is not listed,
please contact your local BSC branch.

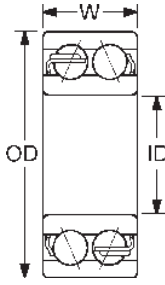


DIMENSIONS (m m)			BEARING NUMBER
ID	OD	W	
10	30	14	4200
	35	17	4300
12	32	14	4201
	37	17	4301
15	35	14	4202
	42	17	4302
17	40	16	4203
	47	19	4303
20	47	18	4204
	52	21	4304
25	52	18	4205
	62	24	4305
30	62	20	4206
	72	27	4306
35	72	23	4207
	80	31	4307
40	80	23	4208
	90	33	4308
45	85	23	4209
	100	36	4309
50	90	23	4210
	110	40	4310
55	100	25	4211
	120	43	4311
60	110	28	4212
	130	46	4312
65	120	31	4213
	140	48	4313
70	125	31	4214
	150	51	4314
75	130	31	4215
	160	55	4315
80	140	33	4216
	170	58	4316
85	150	36	4217
90	160	40	4218
95	170	43	4219
100	180	46	4220

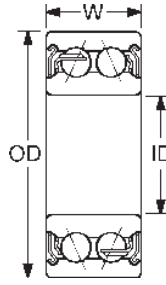
If the product you need is not listed,
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BALL BEARINGS

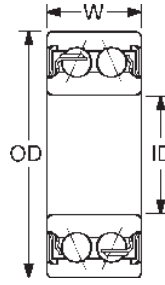
Double Row - Angular Contact Metric



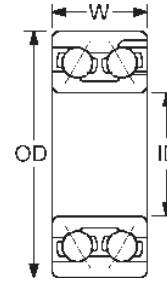
52, 53
without filling slot



52...ZZ
53...ZZ



52...2RS
53...2RS



32, 33
with filling slot

DIMENSIONS (mm)			BEARING NUMBER	VARIANCE	
ID	OD	W		ZZ	2RS
17	40	17.5	5203	•	•
20	47	20.6	5204	•	•
25	52	20.6	5205	•	•
	62	25.4	5305	•	•
30	62	23.8	5206	•	•
	72	30.2	5306	•	•
35	72	27.0	5207	•	•
	80	34.9	5307	•	•
40	80	30.2	5208	•	•
	90	36.5	5308	•	•
45	85	30.2	5209	•	•
	100	39.7	5309	•	•
50	90	30.2	5210	•	•
	110	44.4	5310	•	•
55	100	33.3	5211	•	•
	120	49.2	5311	•	•
60	110	36.5	5212	•	•
	130	54.0	5312	•	•
65	120	38.1	5213	•	•
	140	58.7	5313	•	•
70	125	39.7	5214	•	•
	150	63.5	5314	•	•
75	160	68.3	5315	•	•

DIMENSIONS (mm)			BEARING NUMBER
ID	OD	W	
10	30	14.3	3200
12	32	15.9	3201
15	35	15.9	3202
	42	19.0	3302
17	40	17.5	3203
	47	22.2	3303
20	47	20.6	3204
	52	22.2	3304
25	52	20.6	3205
	62	25.4	3305
30	62	23.8	3206
	72	30.2	3306
35	72	27.0	3207
	80	34.9	3307
40	80	30.2	3208
	90	36.5	3308
45	85	30.2	3209
	100	39.7	3309
50	90	30.2	3210
	110	44.4	3310
55	100	33.3	3211
	120	49.2	3311
60	110	36.5	3212
	130	54.0	3312
65	120	38.1	3213
	140	58.7	3313
70	125	39.7	3214
	150	63.5	3314
75	130	41.3	3215
	160	68.3	3315
80	140	44.4	3216
	170	68.3	3316
85	150	49.2	3217
	180	73.0	3317
90	160	52.4	3218
	190	73.0	3318
95	170	55.6	3219
	200	77.8	3319
100	180	60.3	3220
	215	82.6	3320
105	190	65.1	3221
	225	87.3	3321
110	200	69.8	3222
	240	92.1	3322

Double-row angular contact ball bearings accommodate radial load and axial load in both directions.

The 52 and 53 series are a standard capacity type and are available shielded or sealed.

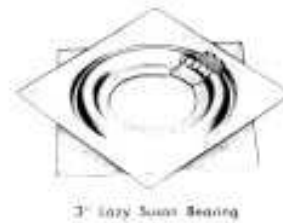
The 32 and 33 series are a maximum capacity type provided with a filling slot and no seal options.

32 and 33 series: contact angle 32°
52 and 53 series: contact angle 24°

If the product you need is not listed, please contact your local BSC branch.



12" Lazy Susan Bearing



3" Lazy Susan Bearing

FEATURES

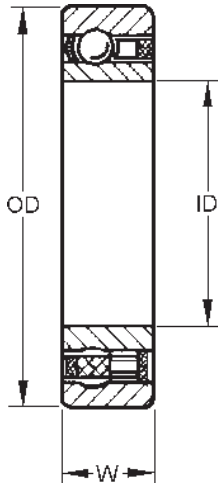
- Attaches easily to second surface even though hidden after it is fastened to first surface.
- Only 5/16" thick Engineered to add a minimum of height to item, with only a rolling contact between sections. (Can be recessed into surfaces, reducing space to 1/8". Also can be inverted if desirable.)
- Triangles large ball race designed for maximum stability. as a full race of precision ground ball bearings for smooth gliding rotation.
- One-unit construction. No separate parts, but preassembled so there is no contact under load except through the rolling balls. Center opening allows for center post and ease of centering the unit.
- Triangles 360° interlock prevents separation of moving parts. Bearing is interlocked for lifetime of unit. No rivet to work loose or bind.
- Zinc coated for rust resistance.

TYPICAL USES

- | | |
|--------------------------|---------------------------|
| Corner Cabinet Shelves | Advertising Displays |
| Spice Shelves | Advertising Signs |
| Book Stands | TV Turntables |
| Bird Feeders | Canned Goods Storage |
| Weather Vanes | Storage-Door Closets |
| Flower Racks | Rotating Wardrobes |
| Serving Trays | Machine Stands |
| Picnic Tables | Model Rwy. Turntables |
| Cake Decorators | Toys and Games |
| Yarn Winders | Book Shelves |
| Boat Seats | Paint Spray Turntables |
| Shoe Racks | Portable Radio Turntables |
| Scrabble Turntables | Office Stationery holders |
| Ceramics and Sculpturing | Stairwell Closet Storage |
| Coffee Tables | Industrial Assembly |
| Furniture Novelties | Fixtures |

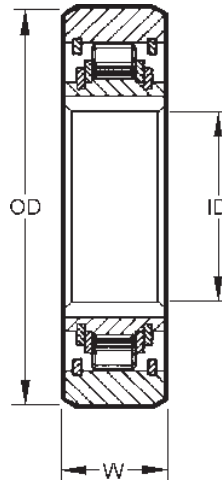
SIZES AVAILABLE

SIZE & SHAPES	PART NO	CENTER HOLE DIAMETER	NOMINAL LOAD CAPACITY	TURNTABLE DIAM (Approx)
3" square	3C	1-1/4"	200 lbs	to 18"
4" square	4C	2-5/32"	300 lbs	12" to 25"
6" square	6C	4-11/16"	500 lbs	15" to 30"
12" round	12C	6-9/32"	1000 lbs	20" & over



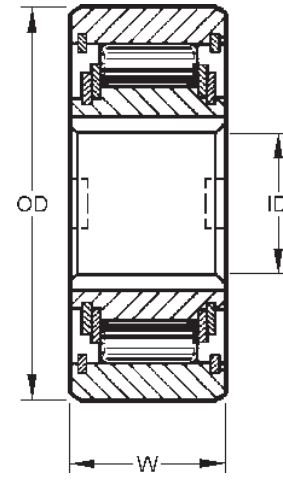
MODEL CSK

Ball and roller bearing over-running clutches. Individually spring-loaded locking rollers.



MODEL AS

Built-in over-running clutch extra narrow series. Individually spring-loaded locking rollers.

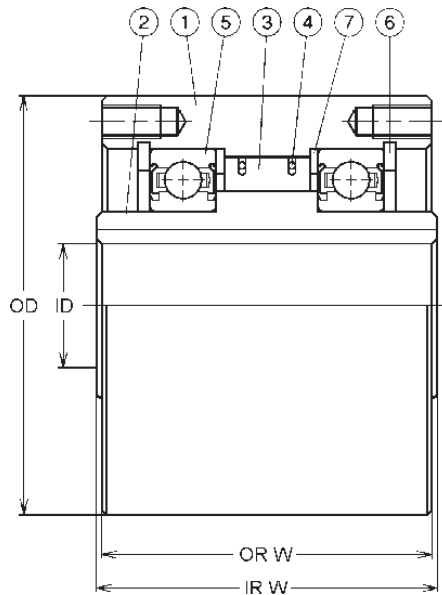


MODEL ASNU

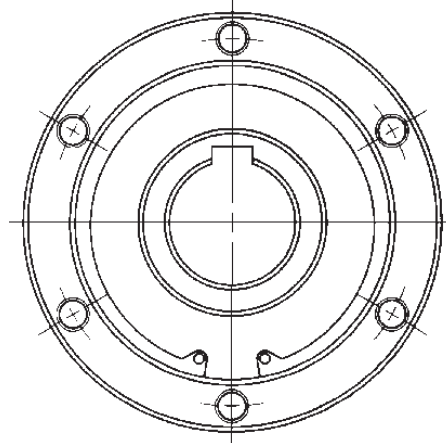
Built-in over-running clutch narrow series with face grooves. Individually spring-loaded locking rollers.

DIMENSIONS (mm)			PART NUMBER	
ID	OD	W	BSC/WARNER	OTHER MANUFACTURER
8	22	9	CSK 8	
15	35	11	CSK 15	
17	40	12	CSK 17	KK 17
20	47	14	CSK 20	KK 20
25	52	15	CSK 25	KK 25
30	62	16	CSK 30	KK 30
35	72	17	CSK 35	KK 35
8	24	8	AS 8	NSS 8
10	30	9	AS 10	NSS 10
12	32	10	AS 12	NSS 12
15	35	11	AS 15	NSS 15
20	47	14	AS 20	NSS 20
25	52	15	AS 25	NSS 25
30	62	16	AS 30	NSS 30
35	72	17	AS 35	NSS 35
40	80	18	AS 40	NSS 40
45	85	19	AS 45	NSS 45
50	90	20	AS 50	NSS 50
60	110	22	AS 60	NSS 60
8	35	13	ASNU 8	NFS 8
12	35	13	ASNU 12	NFS 12
15	42	18	ASNU 15	NFS 15
17	47	19	ASNU 17	NFS 17
20	52	21	ASNU 20	NFS 20
25	62	24	ASNU 25	NFS 25
30	72	27	ASNU 30	NFS 30
35	80	31	ASNU 35	NFS 35
40	90	33	ASNU 40	NFS 40
45	100	36	ASNU 45	NFS 45
50	110	40	ASNU 50	NFS 50
60	130	46	ASNU 60	NFS 60
70	150	51	ASNU 70	NFS 70
80	170	58	ASNU 80	NFS 80

If the product you need is not listed, please contact your local BSC branch.



- | | |
|------------------|-------------------|
| 1. Outer race | 5. Bearing |
| 2. Inner race | 6. Retaining ring |
| 3. Cam | 7. Side plate |
| 4. Garter Spring | |



ID	DIMENSIONS (mm)			PART NUMBER
	OD	IR W	OR W	
15	68	62	60	GX15
17	75	66	64	GX17
20	80	67	65	GX20
22	100	82	80	GX22
25	100	82	80	GX25
30	100	82	80	GX30
35	110	87	85	GX35
40	125	92	90	GX40
45	125	92	90	GX45
50	155	102	100	GX50
55	155	102	100	GX55
60	155	102	100	GX60
65	175	105	103	GX65
70	175	105	103	GX70

Features

NSKs GX-series One-Way Clutches incorporate a host of features designed to support further improvements in the productivity and safety of industrial machinery.

Maintenance-free operation

GX series One-Way Clutches are permanently lubricated and are supplied "ready-to-use". They require no maintenance such as greasing up, cleaning grease changing, offering significant economies of time and labour.

A broad operating temperature range

The lubricant used in GX series is a special high-performance grease developed by NSK. It assures outstanding reliability over an ambient operating temperature range of -20° to 80°C.

High Torque capacity

Wide cams with a larger radius of curvature than conventional models achieve high torque capacity under high loads for improved safety. A unique cam shape allows the GX series to withstand even shock loads without slipping.

Long service life

NSKs expertise in ball bearing manufacturing technology ensures high dimensional precision of the cams, and inner and outer races, offering long service life. The high performance grease used to lubricate the GX series also helps minimise the wear on each part and prolong its life.

Easy to use

GX series One-Way Clutches are supplied as integral systems with all components built in. They are ready to be used "as it is".

If the product you need is not listed, please contact your local BSC branch.



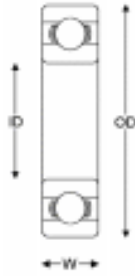
SUPER PRECISION

Radial - Super Precision	1.46
Angular Contact - Super Precision	1.47

BSC State Office	NSW	(02) 9824 2100	VIC	(03) 9560 3222	QLD	(07) 3260 6888
Phone Numbers:	SA	(08) 8349 8388	TAS	(03) 6272 4344	WA	(08) 9337 3000

BALL BEARINGS

Radial - Super Precision
Metric



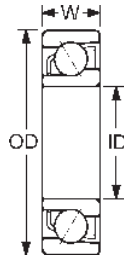
DIMENSIONS			BEARING NUMBER
ID	OD	W	
10	26	8	6000 TBHEP7
	30	9	6200 TBHEP7
12	28	8	6001 TBHEP7
	32	10	6201 TBHEP7
15	32	9	6002 TBHEP7
	35	11	6202 TBHEP7
17	35	10	6003 TBHEP7
	40	12	6203 TBHEP7
20	42	12	6004 TBHEP7
	47	14	6204 TBEP7
	52	15	6304 TBEP7
25	47	12	6005 TBEP7
	52	15	6205 TBEP7
	62	17	6305 TBEP7
30	55	13	6006 TBHEP7
	62	16	6206 TBEP7
	72	19	6306 TBEP7
35	62	14	6007 TBEP7
	72	17	6207 TBEP7
	80	21	6307 TBEP7
40	68	15	6008 TBEP7
	80	18	6208 TBEP7
	90	23	6308 TBEP7
45	75	16	6009 TBEP7
	85	19	6209 TBEP7
	100	25	6309 TBEP7
50	80	16	6010 TBEP7
	90	20	6210 TBEP7
	110	27	6310 TBEP7
55	90	18	6011 TBEP7
	100	21	6211 TBEP7
	120	29	6311 TBEP7
60	95	18	6012 TBEP7
	110	22	6212 TBEP7
	130	31	6312 TBEP7
65	100	18	6013 TBEP7
	120	23	6213 TBEP7
	140	33	6313 TBEP7
70	110	20	6014 TBEP7
	125	24	6214 TBEP7
	150	35	6314 TBEP7
75	115	20	6015 TBEP7
	130	25	6215 TBEP7
	160	37	6315 TBEP7
80	125	22	6016 TBEP7
	140	26	6216 TBEP7
	170	39	6316 TBEP7
85	130	22	6017 TBEP7
	150	28	6217 TBEP7
	180	41	6317 TBEP7

DIMENSIONS			BEARING NUMBER
ID	OD	W	
90	140	24	6018 TBEP7
	190	43	6318 TBEP7
95	145	24	6019 TBEP7
100	150	24	6020 TBEP7
110	170	28	6022 TBEP7

Other Precision Grades (eg. EP3, EP5 and EP9) are available. Refer to Page 1.373 for Part Number Designation.

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS Angular Contact - Super Precision Metric

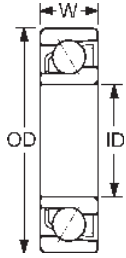


DIMENSIONS			BEARING NUMBER	
ID	OD	W	NSK/RHP	FAFNIR
10	26	8	B700X2TADULEP7	2MM9100WICRDUL
	30	9	B7200X2TADULEP7	2MM200WICRDUL
12	28	8	B7001X2TADULEP7	2MM9101WICRDUL
	32	10	B7201X2TADULEP7	2MM201WICRDUL
15	32	9	B7002X2TADULEP7	2MM9102WICRDUL
	35	11	B7202X2TADULEP7	2MM202WICRDUL
17	30	7	B7903X2TADULEP7	2MM9303WICRDUL
	35	10	B7003X2TADULEP7	2MM9103WICRDUL
	40	12	B7203X2TADULEP7	2MM203WICRDUL
	47	14	B7303X2TADULEP7	2MM303WICRDUL
20	37	9	B7904X2TADULEP7	2MM9304WICRDUL
	42	12	B7004X2TADULEP7	2MM9104WICRDUL
	47	14	B7204X2TADULEP7	2MM204WICRDUL
	52	15	B7304X2TADULEP7	2MM304WICRDUL
25	42	9	B7905X2TADULEP7	2MM9305WICRDUL
	47	12	B7005X2TADULEP7	2MM9105WICRDUL
	52	15	B7205X2TADULEP7	2MM205WICRDUL
	62	17	B7305X2TADULEP7	2MM305WICRDUL
30	47	9	B7906X2TADULEP7	2MM9306WICRDUL
	55	13	B7006X2TADULEP7	2MM9106WICRDUL
	62	16	B7206X2TADULEP7	2MM206WICRDUL
	72	19	B7306X2TADULEP7	2MM306WICRDUL
35	55	10	B7907X2TADULEP7	2MM9307WICRDUL
	62	14	B7007X2TADULEP7	2MM9107WICRDUL
	72	17	B7207X2TADULEP7	2MM207WICRDUL
	80	21	B7307X2TADULEP7	2MM307WICRDUL
40	62	12	B7908X2TADULEP7	2MM9308WICRDUL
	68	15	B7008X2TADULEP7	2MM9108WICRDUL
	80	18	B7208X2TADULEP7	2MM208WICRDUL
	90	23	B7308X2TADULEP7	2MM308WICRDUL
45	68	12	B7909X2TADULEP7	2MM9309WICRDUL
	75	16	B7009X2TADULEP7	2MM9109WICRDUL
	85	19	B7209X2TADULEP7	2MM209WICRDUL
	100	25	B7309X2TADULEP7	2MM309WICRDUL
50	72	12	B7910X2TADULEP7	2MM9310WICRDUL
	80	16	B7010X2TADULEP7	2MM9110WICRDUL
	90	20	B7210X2TADULEP7	2MM210WICRDUL
	110	27	B7310X2TADULEP7	2MM310WICRDUL
55	80	13	B7911X2TADULEP7	2MM9311WICRDUL
	90	18	B7011X2TADULEP7	2MM9111WICRDUL
	100	21	B7211X2TADULEP7	2MM211WICRDUL
	120	29	B7311X2TADULEP7	2MM311WICRDUL

Other Precision Grades (eg. EP3, EP5 and EP9) are available.
Refer to Page 1.373 for Part Number Designation.

If the product you need is not listed, please contact your local BSC branch.

BALL BEARINGS Angular Contact - Super Precision Metric



DIMENSIONS			BEARING NUMBER	
ID	OD	W	NSK/RHP	FAFNIR
60	85	13	B7912X2TADULEP7	2MM9312WICRDUL
	95	18	B7012X2TADULEP7	2MM9112WICRDUL
	110	22	B7212X2TADULEP7	2MM212WICRDUL
	130	31	B7312X2TADULEP7	2MM312WICRDUL
65	100	18	B7013X2TADULEP7	2MM9113WICRDUL
	120	23	B7213X2TADULEP7	2MM213WICRDUL
	140	33	B7313X2TADULEP7	2MM313WICRDUL
70	110	20	B7014X2TADULEP7	2MM9114WICRDUL
	125	24	B7214X2TADULEP7	2MM214WICRDUL
	150	35	B7314X2TADULEP7	2MM314WICRDUL
75	115	20	B7015X2TADULEP7	2MM9115WICRDUL
	130	25	B7215X2TADULEP7	2MM215WICRDUL
80	125	22	B7016X2TADULEP7	2MM9116WICRDUL
	140	26	B7216X2TADULEP7	2MM216WICRDUL
85	130	22	B7017X2TADULEP7	2MM9117WICRDUL
	150	28	B7217X2TADULEP7	2MM217WICRDUL
90	140	24	B7018X2TADULEP7	2MM9118WICRDUL
	160	30	B7218X2TADULEP7	2MM218WICRDUL
95	145	24	B7019X2TADULEP7	2MM9119WICRDUL
	170	32	B7219X2TADULEP7	2MM219WICRDUL
100	150	24	B7020X2TADULEP7	2MM9120WICRDUL
	180	34	B7220X2TADULEP7	2MM220WICRDUL
105	160	26	B7021X2TADULEP7	2MM9121WICRDUL
	190	36	B7221X2TADULEP7	2MM221WICRDUL
110	170	28	B7022X2TADULEP7	2MM9122WICRDUL
	200	38	B7222X2TADULEP7	2MM222WICRDUL
120	180	28	B7024X2TADULEP7	2MM9124WICRDUL
	215	40	B7224X2TADULEP7	2MM224WICRDUL
130	200	33	B7026X2TADULEP7	2MM9126WICRDUL
	230	40	B7226X2TADULEP7	2MM226WICRDUL
140	210	33	B7028X2TADULEP7	2MM9128WICRDUL
	250	42	B7228X2TADULEP7	2MM228WICRDUL
150	225	35	B7030X2TADULEP7	2MM9130WICRDUL
	270	45	B7230X2TADULEP7	2MM230WICRDUL
160	240	38	B7032X2TADULEP7	2MM9132WICRDUL
170	260	42	B7034X2TADULEP7	2MM9134WICRDUL
180	280	46	B7036X2TADULEP7	2MM9136WICRDUL
190	290	46	B7038X2TADULEP7	2MM9138WICRDUL
200	310	51	B7040X2TADULEP7	2MM9140WICRDUL

Other Precision Grades (eg. EP3, EP5 and EP9) are available.
Refer to Page 1.373 for Part Number Designation.

If the product you need is not listed, please contact your local BSC branch.