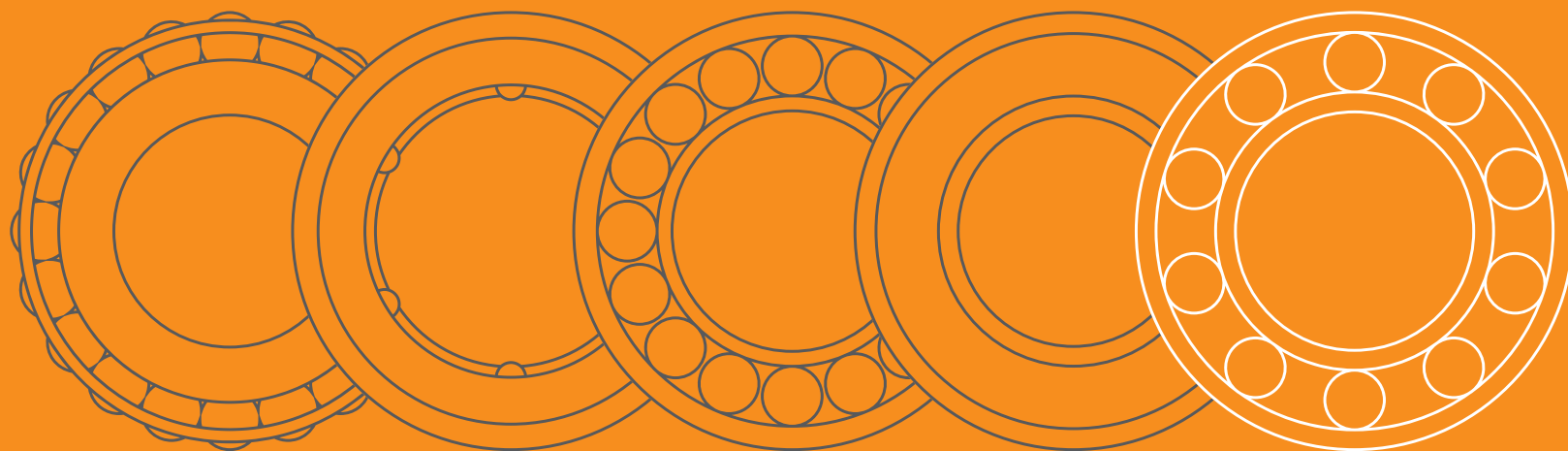


 **ISUTAMI**

**BEARINGS & MORE**



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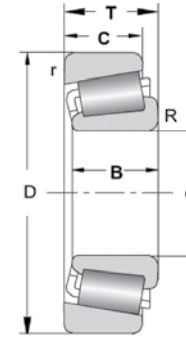
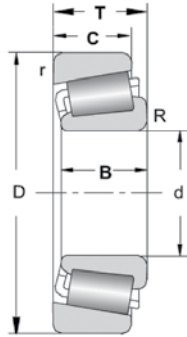
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Tapered Roller Bearing



## Tapered Roller Bearings



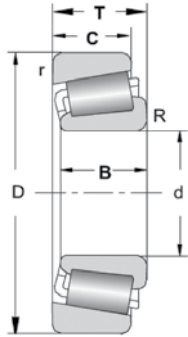
### 30200 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
30202	15	35	11.75	11	10	0.056
30203	17	40	13.25	12	11	0.075
30204	20	47	15.25	14	12	0.12
30205	25	52	16.25	15	13	0.15
30206	30	62	17.25	16	14	0.23
30207	35	72	18.25	17	15	0.32
30208	40	80	19.75	18	16	0.42
30209	45	85	20.75	19	16	0.48
30210	50	90	21.75	20	17	0.54
30211	55	100	22.75	21	18	0.7
30212	60	110	23.75	22	19	0.88
30213	65	120	24.75	23	20	1.15
30214	70	125	26.25	24	21	1.25
30215	75	130	27.25	25	22	1.4
30216	80	140	28.25	26	22	1.6
30217	85	150	30.5	28	24	2.05
30218	90	160	32.5	30	26	2.55
30219	95	170	34.5	32	27	3
30220	100	180	37	34	29	3.65
30221	105	190	39	36	30	4.25
30222	110	200	41	38	32	5.1
30224	120	215	43.5	40	34	6.15
30226	130	230	43.75	40	34	7.6
30228	140	250	45.75	42	36	8.65
30230	150	270	49	45	38	11
30232	160	290	52	48	40	13

### 30300 Series

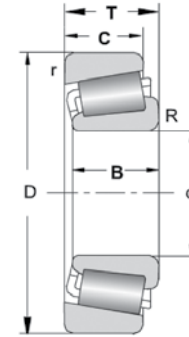
Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
30302	15	42	14.25	13	11	0.095
30303	17	47	15.25	14	12	0.13
30304	20	52	16.25	15	13	0.17
30305	25	62	18.25	17	15	0.26
30306	30	72	20.75	19	16	0.39
30307	35	80	22.75	21	18	0.52
30308	40	90	25.25	32.5	28	0.72
30309	45	100	27.25	25	22	0.97
30310	50	110	29.25	27	23	1.25
30311	55	120	31.5	29	25	1.55
30312	60	130	33.5	31	26	1.95
30313	65	140	36	33	28	2.4
30314	70	150	38	35	30	2.9
30315	75	160	40	37	31	3.45
30316	80	170	42.5	39	33	4.1
30317	85	180	44.5	41	34	4.85
30318	90	190	46.5	43	36	5.65
30319	95	200	49.5	45	38	6.7
30320	100	215	51.5	47	39	8.05
30321	105	225	53.5	49	41	9.15
30322	110	240	54.5	50	42	11
30324	120	260	59.5	55	46	14
30326	130	280	63.75	58	49	17
30328	140	300	67.75	62	53	21
30330	150	320	72	65	55	28.5
30332	160	340	75	68	58	29

## Tapered Roller Bearings



### 31300 Series

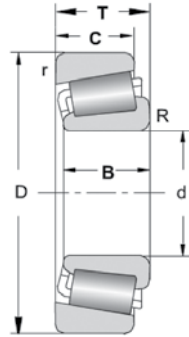
Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
31304	20	52	16.25	15	11	0.175
31305	25	62	18.25	17	13	0.26
31306	30	72	20.75	19	14	0.39
31307	35	80	22.75	21	15	0.52
31308	40	90	25.25	23	17	0.72
31309	45	100	27.25	25	18	0.95
31310	50	110	29.25	27	19	1.2
31311	55	120	31.5	29	21	1.55
31312	60	130	33.5	31	22	1.9
31313	65	140	36	33	23	2.35
31314	70	150	38	35	25	2.95
31315	75	160	40	37	26	3.5
31316	80	170	42.5	39	27	4.05
31317	85	180	44.5	41	28	4.6
31318	90	190	46.5	43	30	5.9
31319	95	200	49.5	45	32	6.95
31320	100	215	56.5	51	35	8.6
31321	105	225	58	53	36	9.65
31322	110	240	63	57	38	12
31324	120	260	68	62	42	15.3
31326	130	280	72	66	44	19.1
31328	140	300	77	70	47	23
31330	150	320	82	75	50	28



### 32000 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
32004X	20	42	15	15	12	0.097
320/22X	22	44	15	15	11.5	0.1
32005X	25	47	15	15	11.5	0.11
320/28X	28	52	16	16	12	0.15
32006X	30	55	17	17	13	0.17
320/32X	32	58	17	17	13	0.19
32007X	35	62	18	18	14	0.22
32008X	40	68	19	19	14.5	0.27
32009X	45	75	20	20	15.5	0.34
32010X	50	80	20	20	15.5	0.37
32011X	55	90	23	23	17.5	0.55
32012X	60	95	23	23	17.5	0.59
32013X	65	100	23	23	17.5	0.63
32014X	70	110	25	25	19	0.84
32015X	75	115	25	25	19	0.9
32016X	80	125	29	29	22	1.3
32017X	85	130	29	29	22	1.35
32018X	90	140	32	32	24	1.75
32019X	95	145	32	32	24	1.8
32020X	100	150	32	32	24	1.9
32021X	105	160	35	35	26	2.4
32022X	110	170	38	38	29	3.05
32024X	120	180	38	38	29	3.25
32026X	130	200	45	45	34	4.95
32028X	140	210	45	45	34	5.25
32030X	150	225	48	48	36	6.35
32032X	160	240	51	51	38	7.75

## Tapered Roller Bearings

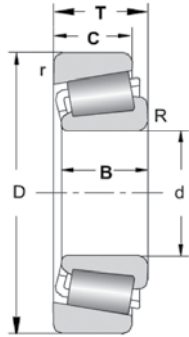


### 32200 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
32203	17	40	17.25	16	14	0.105
32204	20	47	19.25	18	14	0.151
32205	25	52	19.25	18	15	0.19
32206	30	62	21.25	20	17	0.3
32207	35	72	24.25	23	19	0.44
32208	40	80	24.75	23	19	0.53
32209	45	85	24.75	23	19	0.58
32210	50	90	24.75	23	19	0.61
32211	55	100	26.75	25	21	0.83
32212	60	110	29.75	28	24	1.15
32213	65	120	32.75	31	27	1.5
32214	70	125	33.25	31	27	1.6
32215	75	130	33.25	31	27	1.7
32216	80	140	35.25	33	28	2.05
32217	85	150	38.5	36	30	2.6
32218	90	160	42.5	40	34	3.35

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
32219	95	170	45.5	43	37	4.05
32220	100	180	49	46	39	4.9
32221	105	190	53	50	43	6
32222	110	200	56	53	46	7.1
32224	120	215	61.5	58	50	9.15
32226	130	230	67.75	64	54	11.5
32228	140	250	71.75	68	58	14.5
32230	150	270	77	73	60	17.5
32232	160	290	84	80	67	25.5
32234	170	310	91	86	71	28.5
32236	180	320	91	86	71	29.5
32238	190	340	97	92	75	36
32240	200	360	104	98	82	42.5
32244	220	400	114	108	90	60

## Tapered Roller Bearings



### 32300 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
32303	17	47	20.25	19	16	0.17
32304	20	52	22.25	21	18	0.23
32305	25	62	25.25	24	20	0.36
32306	30	72	28.75	27	23	0.55
32307	35	80	32.75	31	25	0.73
32308	40	90	35.25	33	27	1
32309	45	100	38.25	36	30	1.35
32310	50	110	42.25	40	33	1.8
32311	55	120	45.5	43	35	2.5
32312	60	130	48.5	46	37	2.8
32313	65	140	51	48	39	4.3
32314	70	150	54	51	42	4.25
32315	75	160	58	55	45	5.55
32316	80	170	61.5	58	48	6.2
32317	85	180	63.5	60	49	7.5
32318	90	190	67.5	64	53	8.4
32319	95	200	71.5	67	55	11
32320	100	215	77.5	73	60	12.5
32321	105	225	81.5	77	63	14.5
32322	110	240	84.5	80	65	17
32324	120	260	90.5	86	69	21.5
32326	130	280	98.75	93	78	30.5
32328	140	300	107.75	102	85	37.8
32330	150	320	114	108	90	46
32332	160	340	121	114	95	50

## Tapered Roller Bearings

### 32900 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
32915	75	105	20	20	16	0.52
32922	110	150	25	25	20	1.25
32926	130	180	32	32	25	2.4
32928	140	190	32	32	25	2.55
32934	170	230	38	38	30	4.5
32936	180	250	45	45	34	6.65
32938	190	260	45	45	34	7
32940	200	280	51	51	39	9.5
32948	240	320	51	51	39	11
32956	280	380	63.5	63.5	48	20
32960	300	420	76	76	57	32

### 33000 Series

Bearing No.	Principal Dimensions (mm)					Mass kg
	d	D	T	B	C	
33010	50	80	24	24	19	0.45
33011	55	90	27	27	21	0.67
33012	60	95	27	27	21	0.71
33013	65	100	27	27	21	0.78
33014	70	110	31	31	25.5	1.1
33015	75	115	31	31	25.5	1.15
33016	80	125	36	36	29.5	1.65
33017	85	130	36	36	29.5	1.75
33018	90	140	39	39	32.5	2.2
33019	95	145	39	39	32.5	2.3
33020	100	150	39	39	32.5	2.4
33021	105	160	43	43	34	3.05
33022	110	170	47	47	37	3.85
33024	120	180	48	48	38	4.2
33030	150	225	59	59	46	8.15





# Tapered Roller Bearings

## Inch Series

Dimensions(mm)							Basic Load Ratings (kN)		Bearing No.
Cone			Cup			T	Cr	Cor	ISUTAMI
d	B	R	D	C	r				
31.750	20.638	1.3	62.000	14.288	3.5	19.050	46.5	54.0	15125/245
31.750	20.638	1.3							15126
31.750	20.638	1.3	62.000	14.288	0.8	19.050	46.5	54.0	15126/245
			61.912	14.288	0.8				15243
			62.000	14.288	0.8				15245
25.400	19.837	1.3							1780
			73.025	12.700	3.5				18520
41.275	17.462	1.5							18590
41.275	17.462	1.5	73.025	12.700	3.5	16.667	46.0	55.5	18590/20
			79.375	13.495	2.8				18620
46.038	17.462	1.5							18690
			85.000	13.495	3.5				18720
50.800	17.462	1.3							18790
50.800	17.462	1.5	85.000	13.495	3.5	17.462	49.5	65.0	18790/20
41.275	23.020	0.8							24780
41.275	23.020	0.8	76.200	17.462	3.5	22.225	65.0	80.5	24780/20
			82.931	19.050	3.5				25520
			83.058	19.114	3.5				25522
44.450	25.400	0.8							25580
44.450	25.400	0.8	82.931	19.050	3.5	23.812	76.0	98.0	25580/20
45.618	25.400	2.3							25590
45.618	25.400	0.8	82.931	19.050	3.5	23.812	76.0	98.0	25590/20
45.618	25.400	2	83.058	19.114	3.5	23.876	76.0	98.0	25590/22
46.038	25.400	0.8							25592
46.038	25.400	0.8	82.931	19.050	3.5	23.812	76.0	98.0	25592/20
39.688	25.400	0.8							26880
39.688	25.400	0.8	79.375	19.050	1.5	23.812	76.5	97.5	26880/22
36.487	25.654	3.3							2780
36.487	25.654	3.3	76.200	19.050	1.5	23.812	73.0	90.5	2780/20
38.100	25.654	3.3	76.200	19.050	3.5	23.812	73.0	90.5	2788/20

Dimensions(mm)							Basic Load Ratings (kN)		Bearing No.
Cone			Cup			T	Cr	Cor	ISUTAMI
d	B	R	D	C	r				
38.100	23.698	1.5							27880
38.100	23.698	1.5	80.035	18.512	0.8	24.608	67.0	82.5	27880/20
			73.025	17.462	0.8				2820
			97.630	19.446	3.5				28622
57.150	24.608	0.8	97.630	19.446	3.5	24.608	88.5	128	28682/22
34.925	23.812	3.3	73.025	17.462	0.8	22.225	62.5	75.5	2878/20
73.025	30.162	3.3	117.475	23.812	3.5	30.162	117	175	33287/462
46.038	21.692	1.3	85.000	17.462	3.5	20.638	69.5	79.5	359A/354A
			90.000	15.875	5				362
50.800	22.225	1.3							368
50.800	22.225	1.3	88.900	16.513	1.5	20.638	76.5	90.5	368/362A
50.800	22.225	2							368A
50.800	22.225	2	90.000	15.875	3.5	20.000	76.5	90.5	368A/362
50.800	30.302	3.3							3780
50.800	30.302	3.3	93.264	23.812	3.5	30.162	102	134	3780/20
44.450	30.302	3.3							3782
44.450	30.302	3.3	93.264	23.812	3.5	30.162	102	134	3782/20
			85.725	23.812	0.8				3820
			96.838	15.875	3.5				382A
57.150	21.946	0.8							387
57.150	21.946	0.8	96.838	15.875	2.3	21.000	78	96.5	387/382A
38.100	30.162	3.3							3875
57.150	21.946	0.8							387A
57.150	21.946	0.8	96.838	15.875	3.5	21.000	78	96.5	387A/382A
57.150	21.946	0.8							387AS
57.150	21.946	0.8	96.838	15.875	5	21.000	78	96.5	387AS/382A
66.675	30.162	3.3							39590
38.100	29.083	1.5							418
38.100	29.083	1.5	88.500	22.225	3.5	26.988	95.5	107	418/414
			133.350	26.195	3.5				47620



## Tapered Roller Bearings

### Inch Series

Dimensions(mm)							Basic Load Ratings (kN)		Bearing No.
Cone			Cup			T	Cr	Cor	ISUTAMI
d	B	R	D	C	r				
29.000	14.732	1.3	50.292	10.668	3.5	14.224	28.0	35.5	L45449/10
			59.974	11.938					L68111
34.988	16.764	1.3							L68149
34.988	16.764	1.3	59.974	11.938		15.875	35.5	47.5	L68149/11
			73.431	15.748	3.5				LM102910
45.242	19.812	0.8							LM102949
45.242	19.812	0.8	73.431	15.748	3.5	19.558	54.0	76.0	LM102949/10
50.800	22.225	1.3							LM104949
50.800	22.225	1.3	82.550	16.510	3.5	21.590	69.5	94.0	LM104949/11
			39.878	10.668	1.3				LM111710
17.462	14.605	1.3							LM111749
17.462	14.605	1.3	39.878	10.668	1.3	13.843	23.8	24.2	LM111749/10
			45.237	12.065	1.3				LM111910
19.050	16.637	1.3							LM111949
19.050	16.637	1.3	45.237	12.065	1.3	15.494	28.3	28.6	LM111949/10
			45.974	12.065	1.3				LM12711
21.986	16.637	1.3							LM12749
21.986	16.637	1.3	45.974	12.065	1.3	15.494	29.6	34.0	LM12749/11
			65.088	13.970					LM29710
38.100	18.288	1.3							LM29748
38.100	18.288	1.3	65.088	13.970		18.034	43.5	57.0	LM29748/10
			67.975	13.500					LM300811
40.988	18.000	1.5							LM300849
40.988	18.000	1.5	67.975	13.500		17.500	46.0	62.5	LM300849/11
			65.088	13.970					LM48510
34.925	18.288	1.3							LM48548
34.925	18.288	1.3	65.088	13.970		18.034	46.5	56.0	LM48548/10
34.925	18.288	1.3							LM48548A
34.925	18.288	1.3	65.088	13.970	0.8	18.034	46.5	56.0	LM48548A/10
			73.431	14.732	3.5				LM501310

Dimensions(mm)							Basic Load Ratings (kN)		Bearing No.
Cone			Cup			T	Cr	Cor	ISUTAMI
d	B	R	D	C	r				
			73.431	16.604	3.5				LM501314
41.275	19.812	0.8							LM501349
41.275	19.812	0.8	73.431	14.732	3.5	19.558	56.0	69.5	LM501349/10
41.275	19.812	0.8	73.431	16.604	3.5	21.430	56.0	69.5	LM501349/14
			74.976	14.000					LM503310
			77.788	15.080	3.5				LM603011
45.242	19.842	0.8							LM603049
45.242	19.842	0.8	77.788	15.080	3.5	19.842	57.5	73.5	LM603049/11
			59.131	11.811					LM67010
31.750	16.764	1.3							LM67048
31.750	16.764	1.3	59.131	11.811		15.875	34.5	41.0	LM67048/10
			47.000	12.000	1.5				LM72810
22.606	15.500	1	47.000	12.000	1.5	15.500	27.5	32.5	LM72849/10
			61.973	13.600	1.5				LM78310A
34.988	17.000	1.5							LM78349
34.988	17.000	1.5							LM78349A
34.988	17.000	1.5	61.973	13.600	1.5	16.700	37.0	48.0	LM78349A/10A
			50.005	13.970	1.3				M12610
22.225	18.288	1.3							M12648
22.225	18.288	1.3	50.005	13.970	1.3	17.526	38.0	39.0	M12648/10
21.430	18.288	1.3							M12649
21.430	18.288	1.3	50.005	13.970	1.3	17.526	38.0	39.0	M12649/10
			82.550	20.193	3.5				M802011
41.275	25.654	3.3							M802048
41.275	25.654	3.3	82.550	20.193	3.5	26.543	80.5	104	M802048/11
			57.150	14.732	1.5				M84510
25.400	19.431	1.5							M84548
25.400	19.431	1.5	57.150	14.732	1.5	19.431	42.0	48.5	M84548/10
			64.292	16.670	1.5				M86610
25.400	21.433	1.5							M86643

## Tapered Roller Bearings

### Inch Series

Dimensions(mm)							Basic Load Ratings (kN)		Bearing No.
Cone			Cup			T	Cr	Cor	ISUTAMI
d	B	R	D	C	r				
25.400	21.433	1.5	64.292	16.670	1.5	21.433	51.5	64.5	M86643/10
30.162	21.433	1.5							M86649
30.162	21.433	1.5	64.292	16.670	1.5	21.433	51.5	64.5	M86649/10
			68.262	17.462	0.8				M88010
33.338	22.225	1.5							M88048
33.338	22.225	1.5	68.262	17.462	0.8	22.225	56.5	71.0	M88048/10
			73.025	17.462	0.8				02820
28.575	22.225	3.3							02872
28.575	22.225	3.3	73.025	17.462	0.8	22.225	56.5	68.0	02872/20
19.050	19.050	1.3							09067
19.050	19.050	1.3	49.225	14.288	1.3	18.034	38.5	39.0	09067/195
19.050	19.050	1.5	49.225	17.462	1.3	21.209	38.5	39.0	09067/196
19.050	21.539	1.3							09078
19.050	21.539	1.3	49.225	14.288	1.3	19.845	38.5	39.0	09078/195