SORUPACHAI

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INNER RINGS

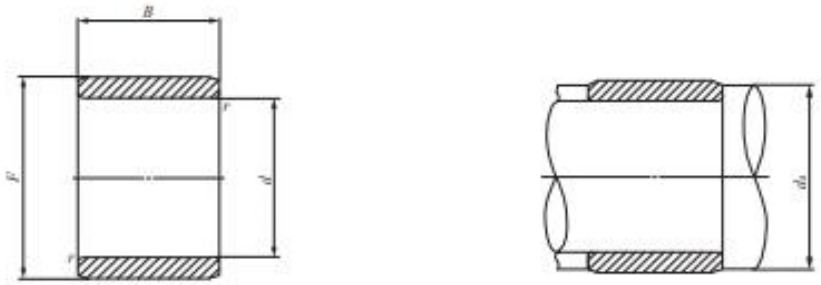
Inner Rings for Shell Type Needle Roller Bearings



Shaft dia. 7 — 17mm

Shaft dia. mm	Identification number	Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings TA···Z (TAM)	TLA···Z (TLAM)	YT YTL
7	IRT 710	3.2	7	10	10.5	0.3	9	9.7	TA 1010Z	TLA 1010Z	—
	IRT 712	3.9	7	10	12.5	0.3	9	9.7	TA 1012Z	TLA 1012Z	—
	IRT 715	4.8	7	10	15.5	0.3	9	9.7	TA 1015Z	TLA 1015Z	—
8	IRT 810	5.1	8	12	10.5	0.3	10	11	—	TLA 1210Z	YTL 1210
	IRT 812	6	8	12	12.5	0.3	10	11	TA 1212Z	TLA 1212Z	YT 1212
	IRT 815	7.5	8	12	15.5	0.3	10	11	TA 1215Z	—	—
10	IRT 1012	5.2	10	13	12.5	0.3	12	12.7	—	TLA 1312Z	—
	IRT 1012-2	7.2	10	14	12.5	0.3	12	13	—	TLA 1412Z	—
	IRT 1016-2	9.6	10	14	16.5	0.3	12	13	TA 1416Z	TLA 1416Z	—
	IRT 1020-2	11.9	10	14	20.5	0.3	12	13	TA 1420Z	—	—
	IRT 1010-1	7.9	10	15	10.5	0.3	12	14	TA 1510Z	—	—
	IRT 1012-1	9.4	10	15	12.5	0.3	12	14	TA 1512Z	TLA 1512Z	—
	IRT 1015-1	11.7	10	15	15.5	0.3	12	14	TA 1515Z	—	—
	IRT 1020-1	15.5	10	15	20.5	0.3	12	14	TA 1520Z	—	—
	IRT 1025-1	19.3	10	15	25.5	0.3	12	14	TA 1525Z	—	—
12	IRT 1212	6.1	12	15	12.5	0.3	14	14.5	TA 1512Z	TLA 1512Z	—
	IRT 1216	8.1	12	15	16.5	0.3	14	14.5	—	TLA 1516Z	—
	IRT 1222	11	12	15	22.5	0.3	14	14.5	—	TLA 1522Z	—
	IRT 1212-1	8.5	12	16	12.5	0.3	14	15	—	TLA 1612Z	—
	IRT 1216-1	11.2	12	16	16.5	0.3	14	15	TA 1616Z	TLA 1616Z	—
	IRT 1220-1	13.9	12	16	20.5	0.3	14	15	TA 1620Z	—	—
	IRT 1222-1	15.2	12	16	22.5	0.3	14	15	—	TLA 1622Z	—
	IRT 1215-2	13.6	12	17	15.5	0.3	14	16	TA 1715Z	—	YT 1715
	IRT 1220-2	18	12	17	20.5	0.3	14	16	TA 1720Z	—	—
	IRT 1225-2	22.5	12	17	25.5	0.3	14	16	TA 1725Z	—	YT 1725
15	IRT 1512	7.5	15	18	12.5	0.3	17	17.5	—	TLA 1812Z	—
	IRT 1513	8.1	15	18	13.5	0.3	17	17.5	TA 1813Z	—	—

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.



IRT

Shaft dia. mm	Identification number	Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings TA···Z (TAM)	TLA···Z (TLAM)	YT YTL
15	IRT 1515	9.3	15	18	15.5	0.3	17	17.5	TA 1815Z	—	—
	IRT 1516	9.9	15	18	16.5	0.3	17	17.5	—	TLA 1816Z	—
	IRT 1517	10.5	15	18	17.5	0.3	17	17.5	TA 1817Z	—	—
	IRT 1519	11.7	15	18	19.5	0.3	17	17.5	TA 1819Z	—	—
	IRT 1520	12.3	15	18	20.5	0.3	17	17.5	TA 1820Z	—	—
	IRT 1525	15.2	15	18	25.5	0.3	17	17.5	TA 1825Z	—	—
	IRT 1516-1	13.6	15	19	16.5	0.3	17	18	TA 1916Z	—	—
	IRT 1520-1	16.8	15	19	20.5	0.3	17	18	TA 1920Z	—	—
	IRT 1515-2	16.4	15	20	15.5	0.3	17	19	TA 2015Z	—	YT 2015
	IRT 1520-2	21.5	15	20	20.5	0.3	17	19	TA 2020Z TA 202820Z	TLA 2020Z	YT 202820
	IRT 1525-2	27	15	20	25.5	0.3	17	19	TA 2025Z	—	YT 2025
	IRT 1530-2	32	15	20	30.5	0.3	17	19	TA 2030Z	TLA 2030Z	—
17	IRT 1716	11.1	17	20	16.5	0.3	19	19.5	—	TLA 2016Z	—
	IRT 1720	13.7	17	20	20.5	0.3	19	19.5	TA 2020Z TA 202820Z	TLA 2020Z	YT 202820
	IRT 1730	20.5	17	20	30.5	0.3	19	19.5	TA 2030Z	TLA 2030Z	—
	IRT 1716-1	15.1	17	21	16.5	0.3	19	20	TA 2116Z	—	YT 2116
	IRT 1720-1	18.8	17	21	20.5	0.3	19	20	TA 2120Z	—	YT 2120
	IRT 1710-2	12.4	17	22	10.5	0.3	19	21	TA 2210Z	—	—
	IRT 1715-2	18.3	17	22	15.5	0.3	19	21	TA 2215Z	—	—
	IRT 1716-2	19.4	17	22	16.5	0.3	19	21	TA 223016Z	TLA 2216Z	YT 223016
	IRT 1720-2	24	17	22	20.5	0.3	19	21	TA 2220Z TA 223020Z	TLA 2220Z	YT 223020
	IRT 1725-2	30	17	22	25.5	0.3	19	21	TA 2225Z	—	—
	IRT 1730-2	36	17	22	30.5	0.3	19	21	TA 2230Z	—	—

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

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INNER RINGS

Inner Rings for Shell Type Needle Roller Bearings

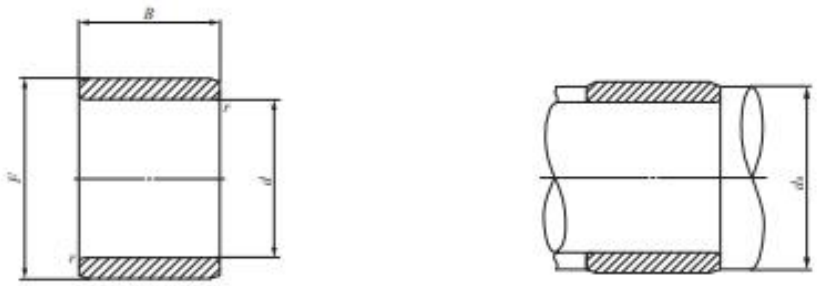


Shaft dia. 20 — 45mm

Shaft dia. mm	Identification number	Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings TA···Z (TAM)	TLA···Z (TLAM)	YT YTL
20	IRT 2016	17.5	20	24	16.5	0.3	22	23	TA 243216Z	—	YT 243216
	IRT 2020	22	20	24	20.5	0.3	22	23	TA 2420Z TA 243220Z	—	YT 243220
	IRT 2028	30.5	20	24	28.5	0.3	22	23	TA 2428Z	—	YT 2428
	IRT 2010-1	14.3	20	25	10.5	0.3	22	24	TA 2510Z	—	YT 2510
	IRT 2015-1	21	20	25	15.5	0.3	22	24	TA 2515Z	—	YT 2515
	IRT 2020-1	28	20	25	20.5	0.3	22	24	TA 2520Z	TLA 2520Z	YT 2520
	IRT 2025-1	34.5	20	25	25.5	0.3	22	24	TA 2525Z	—	YT 2525
	IRT 2026-1	36	20	25	26.5	0.3	22	24	—	TLA 2526Z	YTL 2526
	IRT 2030-1	41.5	20	25	30.5	0.3	22	24	TA 2530Z	—	—
	IRT 2038-1	52.5	20	25	38.5	0.3	22	24	—	TLAW 2538Z	—
22	IRT 2216	19.1	22	26	16.5	0.3	24	25	TA 2616Z	—	YT 2616
	IRT 2220	24	22	26	20.5	0.3	24	25	TA 2620Z	—	YT 2620
	IRT 2220-1	37	22	28	20.5	0.3	24	27	TA 2820Z	TLA 2820Z	YT 2820
	IRT 2230-1	55.5	22	28	30.5	0.3	24	27	TA 2830Z	—	—
25	IRT 2520	26.5	25	29	20.5	0.3	27	28	TA 2920Z	—	YT 2920
	IRT 2530	40	25	29	30.5	0.3	27	28	TA 2930Z	—	—
	IRT 2515-1	25.5	25	30	15.5	0.3	27	29	TA 3015Z	—	—
	IRT 2520-1	34	25	30	20.5	0.3	27	29	TA 3020Z	TLA 3020Z	—
	IRT 2525-1	42.5	25	30	25.5	0.3	27	29	TA 3025Z	—	—
	IRT 2526-1	44	25	30	26.5	0.3	27	29	—	TLA 3026Z	—
	IRT 2530-1	50.5	25	30	30.5	0.3	27	29	TA 3030Z	—	—
	IRT 2538-1	64	25	30	38.5	0.3	27	29	—	TLAW 3038Z	—
28	IRT 2820	29.5	28	32	20.5	0.3	30	31	TA 3220Z	—	YT 3220
	IRT 2830	44	28	32	30.5	0.3	30	31	TA 3230Z	—	—
30	IRT 3012	24.5	30	35	12.5	0.6	34	34.5	TA 3512Z	TLA 3512Z	—
	IRT 3015	30.5	30	35	15.5	0.6	34	34.5	TA 3515Z	—	—

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI



IRT

Shaft dia. mm	Identification number	Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings TA···Z (TAM)	TLA···Z (TLAM)	YT YTL
30	IRT 3020	40	30	35	20.5	0.6	34	34.5	TA 3520Z	TLA 3520Z	—
	IRT 3025	50	30	35	25.5	0.6	34	34.5	TA 3525Z	—	—
	IRT 3030	60	30	35	30.5	0.6	34	34.5	TA 3530Z	—	—
32	IRT 3220	42.5	32	37	20.5	0.6	36	36.5	TA 3720Z	—	YT 3720
	IRT 3230	63.5	32	37	30.5	0.6	36	36.5	TA 3730Z	—	—
	IRT 3215-1	39.5	32	38	15.5	0.6	36	37	TA 3815Z	—	—
	IRT 3220-1	52	32	38	20.5	0.6	36	37	TA 3820Z	—	—
	IRT 3225-1	64.5	32	38	25.5	0.6	36	37	TA 3825Z	—	—
	IRT 3230-1	77.5	32	38	30.5	0.6	36	37	TA 3830Z	—	—
	IRT 3245-1	115	32	38	45.5	0.6	36	37	TAW 3845Z	—	—
35	IRT 3515	35	35	40	15.5	0.6	39	39.5	TA 4015Z	—	YT 4015
	IRT 3520	46.5	35	40	20.5	0.6	39	39.5	TA 4020Z	TLA 4020Z	—
	IRT 3525	58	35	40	25.5	0.6	39	39.5	TA 4025Z	—	YT 4025
	IRT 3530	69	35	40	30.5	0.6	39	39.5	TA 4030Z	—	—
	IRT 3540	91.5	35	40	40.5	0.6	39	39.5	TA 4040Z	—	—
40	IRT 4020	52.5	40	45	20.5	0.6	44	45.5	TA 4520Z	TLA 4520Z	YT 4520
	IRT 4025	65.5	40	45	25.5	0.6	44	45.5	TA 4525Z	—	YT 4525
	IRT 4030	78.5	40	45	30.5	0.6	44	45.5	TA 4530Z	—	—
	IRT 4040	104	40	45	40.5	0.6	44	45.5	TA 4540Z	—	—
45	IRT 4512	36	45	50	12.5	0.6	49	49.5	TA 5012Z	—	—
	IRT 4515	44.5	45	50	15.5	0.6	49	49.5	TA 5015Z	—	—
	IRT 4520	59	45	50	20.5	0.6	49	49.5	TA 5020Z	TLA 5020Z	—
	IRT 4525	73	45	50	25.5	0.6	49	49.5	TA 5025Z	TLA 5025Z	—
	IRT 4530	87.5	45	50	30.5	0.6	49	49.5	TA 5030Z	—	—
	IRT 4540	116	45	50	40.5	0.6	49	49.5	TA 5040Z	—	—
	IRT 4545	131	45	50	45.5	0.6	49	49.5	TAW 5045Z	—	—

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

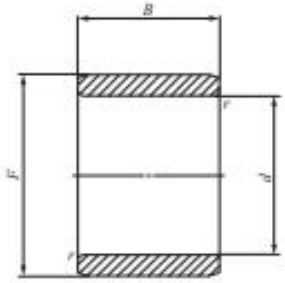
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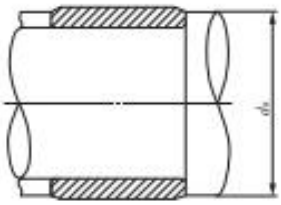
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INNER RINGS

Inner Rings for Shell Type Needle Roller Bearings







IRT

Shaft dia. 50 — 60mm

Shaft dia. mm	Identification number	Mass (Ref.) g	Boundary dimensions mm				Standard mounting dimension mm		Assembled bearings		
			d	F	B	$r_{s\,min}$ (1)	d_a Min.	d_a Max.	TA···Z (TAM)	TLA···Z (TLAM)	YT YTL
50	IRT 5020-1	65	50	55	20.5	0.6	54	54.5	TA 5520Z	TLA 5520Z	—
	IRT 5025-1	81	50	55	25.5	0.6	54	54.5	TA 5525Z	TLA 5525Z	—
	IRT 5030-1	96.5	50	55	30.5	0.6	54	54.5	TA 5530Z	—	—
	IRT 5040-1	128	50	55	40.5	0.6	54	54.5	TA 5540Z	—	—
	IRT 5045-1	144	50	55	45.5	0.6	54	54.5	TAW 5545Z	—	—
	IRT 5050-1	160	50	55	50.5	0.6	54	54.5	TAW 5550Z	—	—
	IRT 5025	169	50	60	25.5	1.5	58	59	TA 6025Z	—	—
	IRT 5030	205	50	60	30.5	1.5	58	59	TA 6030Z	—	—
	IRT 5040	270	50	60	40.5	1.5	58	59	TA 6040Z	—	—
	IRT 5045	300	50	60	45.5	1.5	58	59	TAW 6045Z	—	—
	IRT 5050	335	50	60	50.5	1.5	58	59	TAW 6050Z	—	—
52	IRT 5212	86	52	62	12.5	1.5	60	60.5	TA 6212Z	—	—
55	IRT 5525	185	55	65	25.5	1.5	63	63.5	TA 6525Z	—	—
	IRT 5530	220	55	65	30.5	1.5	63	63.5	TA 6530Z	—	—
	IRT 5545	330	55	65	45.5	1.5	63	63.5	TAW 6545Z	—	—
	IRT 5550	365	55	65	50.5	1.5	63	63.5	TAW 6550Z	—	—
60	IRT 6025	200	60	70	25.5	1.5	68	68.5	TA 7025Z	—	—
	IRT 6030	240	60	70	30.5	1.5	68	68.5	TA 7030Z	—	—
	IRT 6040	320	60	70	40.5	1.5	68	68.5	TA 7040Z	—	—
	IRT 6050	395	60	70	50.5	1.5	68	68.5	TAW 7050Z	—	—

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

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INNER RINGS

Inner Rings for General Usage



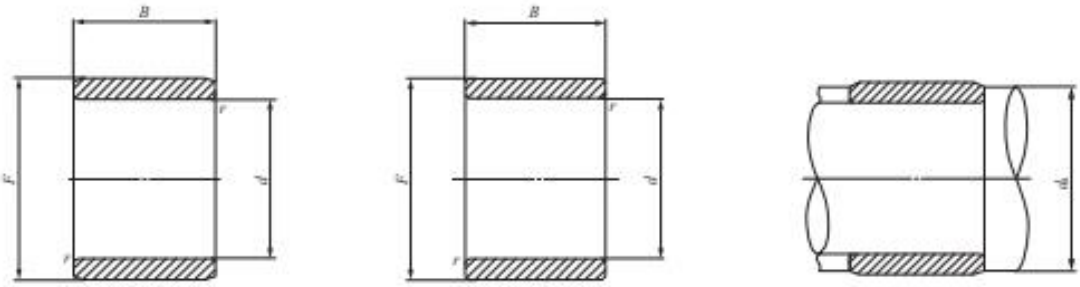


Shaft dia. 5 — 20mm

Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings	
5	LRT 5710	—	1.4	5	7	10	0.15	6.2	6.7	RNA 495	
	LRT 5812	—	2.8	5	8	12	0.2	6.6	7.7	TAF 81512	
	LRT 5816	—	3.8	5	8	16	0.2	6.6	7.7	TAF 81516	
6	LRT 6810	—	1.7	6	8	10	0.15	7.2	7.7	RNA 496	
	LRT 6912	—	3.2	6	9	12	0.2	7.6	8.7	TAF 91612	
	LRT 6916	—	4.3	6	9	16	0.2	7.6	8.7	TAF 91616	
	LRT 61010	—	3.9	6	10	10	0.3	8	9.7	RNAF 101710	
7	LRT 7910	—	1.9	7	9	10	0.15	8.2	8.7	RNA 497	
	LRT 71012	—	3.6	7	10	12	0.2	8.6	9.7	TAF 101712	
	LRT 71012-1	—	3.6	7	10	12	0.3	9	9.7	RNAF 102012	
	LRT 71016	—	4.9	7	10	16	0.2	8.6	9.7	TAF 101716	NAX 1023
8	LRT 81011	—	2.4	8	10	11	0.2	9.6	9.9	RNA 498	
9	LRT 91211	—	3.1	9	12	11	0.3	11	11.5	RNA 499	
	LRT 91212	—	4.5	9	12	12	0.3	11	11.5	TAF 121912	RNAF 122212
	LRT 91216	—	6	9	12	16	0.3	11	11.5	TAF 121916	NAX 1223
10	LRT 101412	—	7	10	14	12	0.3	12	13	RNAF 142612	
	LRT 101413	—	7.5	10	14	13	0.3	12	13	RNA 4900	RNAF 142213
	—	LRTZ 101414	8.2	10	14	14	0.3	12	13	RNA 4900 UU	
	LRT 101416	—	9	10	14	16	0.3	12	13	TAF 142216	
	LRT 101420	—	11.5	10	14	20	0.3	12	13	TAF 142220	RNAFW142220
12	LRT 121516	—	8	12	15	16.5	0.3	14	14.5	NAX 1523	NBX 1523
	LRT 121612	—	8.5	12	16	12	0.3	14	15	RNAF 162812	
	LRT 121613	—	8.5	12	16	13	0.3	14	15	RNA 4901	RNAF 162413
	—	LRTZ 121614	9.6	12	16	14	0.3	14	15	RNA 4901 UU	
	LRT 121616	—	10.5	12	16	16	0.3	14	15	TAF 162416	
	LRT 121620	—	13.5	12	16	20	0.3	14	15	TAF 162420	RNAFW162420

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI



LRT LRTZ

Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings	
12	LRT 121622	—	14.5	12	16	22	0.3	14	15	RNA 6901	
	—	LRTZ 121623	15.5	12	16	23	0.3	14	15	RNA 6901 UU	
14	LRT 141717	—	9.5	14	17	17	0.3	16	16.5	NAX 1725	NBX 1725
15	LRT 151916	—	12.5	15	19	16	0.3	17	18	TAF 192716	
	LRT 151920	—	16	15	19	20	0.3	17	18	TAF 192720	
	LRT 152012	—	12	15	20	12	0.3	17	19	RNAF 203212	
	LRT 152013	—	13.5	15	20	13	0.3	17	19	RNA 4902	RNAF 202813
	—	LRTZ 152014	14.5	15	20	14	0.3	17	19	RNA 4902 UU	
	LRT 152020	—	21.5	15	20	20.5	0.3	17	19	TR 203320	
	—	LRTZ 152020	21.5	15	20	20.5	0.3	17	19	GTR 203320	
	LRT 152023	—	24	15	20	23	0.3	17	19	RNA 6902	
	—	LRTZ 152024	25	15	20	24	0.3	17	19	RNA 6902 UU	
	LRT 152026	—	28	15	20	26	0.3	17	19	RNAFW 202826	
17	LRT 172020	—	13.5	17	20	20.5	0.3	19	19.5	NAX 2030	NBX 2030
	LRT 172116	—	14.5	17	21	16	0.3	19	20	TAF 212916	
	LRT 172120	—	18	17	21	20	0.3	19	20	TAF 212920	
	LRT 172213	—	15.5	17	22	13	0.3	19	21	RNA 4903	RNAF 223013
	—	LRTZ 172214	16.5	17	22	14	0.3	19	21	RNA 4903 UU	
	LRT 172216	—	19	17	22	16	0.3	19	21	RNAF 223516	
	LRT 172223	—	26.5	17	22	23	0.3	19	21	RNA 6903	
	—	LRTZ 172224	28	17	22	24	0.3	19	21	RNA 6903 UU	
	LRT 172225	—	30	17	22	25.5	0.3	19	21	TR 223425	
	—	LRTZ 172225	30	17	22	25.5	0.3	19	21	GTR 223425	
	LRT 172226	—	31	17	22	26	0.3	19	21	RNAFW 223026	
	LRT 172232	—	38	17	22	32	0.3	19	21	RNAFW 223532	
20	LRT 202416	—	16.5	20	24	16	0.3	22	23	TAF 243216	
	LRT 202420	—	20.5	20	24	20	0.3	22	23	TAF 243220	

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI

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INNER RINGS

Inner Rings for General Usage



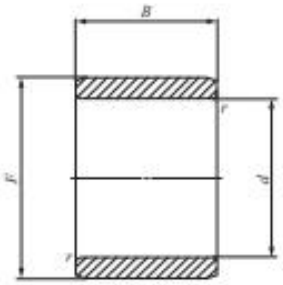


Shaft dia. 20 — 32mm

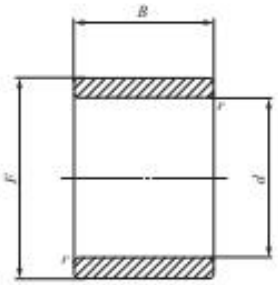
Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings	
20	LRT 202516	—	22	20	25	16	0.3	22	24	RNAF 253716	
	LRT 202517	—	23	20	25	17	0.3	22	24	RNA 4904	RNAF 253517
	—	LRTZ 202518	24	20	25	18	0.3	22	24	RNA 4904 UU	
	LRT 202520	—	28	20	25	20.5	0.3	22	24	TR 253820	NAX 2530 NBX 2530
	—	LRTZ 202520	28	20	25	20.5	0.3	22	24	GTR 253820	
	LRT 202525	—	35	20	25	25.5	0.3	22	24	TR 253825	
	—	LRTZ 202525	35	20	25	25.5	0.3	22	24	GTR 253825	
	LRT 202526	—	36	20	25	26	0.3	22	24	RNAFW 253526	
	LRT 202530	—	40.5	20	25	30	0.3	22	24	RNA 6904	
	—	LRTZ 202531	41.5	20	25	31	0.3	22	24	RNA 6904 UU	
	LRT 202532	—	44	20	25	32	0.3	22	24	RNAFW 253732	
22	LRT 222616	—	17.5	22	26	16	0.3	24	25	TAF 263416	
	LRT 222620	—	24	22	26	20	0.3	24	25	TAF 263420	
	LRT 222817	—	30.5	22	28	17	0.3	24	27	RNA 49/22	
	—	LRTZ 222818	32	22	28	18	0.3	24	27	RNA 49/22 UU	
	LRT 222830	—	55	22	28	30	0.3	24	27	RNA 69/22	
	—	LRTZ 222831	55	22	28	31	0.3	24	27	RNA 69/22 UU	
25	LRT 252920	—	25	25	29	20	0.3	27	28	TAF 293820	
	LRT 252930	—	38	25	29	30	0.3	27	28	TAF 293830	
	LRT 253016	—	28	25	30	16	0.3	27	29	RNAF 304216	
	LRT 253017	—	28.5	25	30	17	0.3	27	29	RNA 4905	RNAF 304017
	—	LRTZ 253018	29.5	25	30	18	0.3	27	29	RNA 4905 UU	
	LRT 253020	—	34	25	30	20.5	0.3	27	29	NAX 3030	NBX 3030
	LRT 253025	—	42	25	30	25.5	0.3	27	29	TR 304425	
	—	LRTZ 253025	42	25	30	25.5	0.3	27	29	GTR 304425	
	LRT 253026	—	44.5	25	30	26	0.3	27	29	RNAFW 304026	
	LRT 253030	—	49	25	30	30	0.3	27	29	RNA 6905	

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

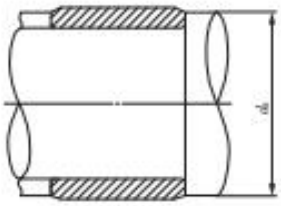
SORUPACHAI



LRT



LRTZ



Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings	
25	—	LRTZ 253031	51	25	30	31	0.3	27	29	RNA 6905 UU	
	LRT 253032	—	54	25	30	32	0.3	27	29	RNAFW 304232	
28	LRT 283217	—	24.5	28	32	17	0.3	30	31	RNA 49/28	
	—	LRTZ 283218	25.5	28	32	18	0.3	30	31	RNA 49/28 UU	
	LRT 283220	—	28.5	28	32	20	0.3	30	31	TAF 324220	
	LRT 283230	—	43	28	32	30	0.3	30	31	RNA 69/28	TAF 324230
	—	LRTZ 283230	43	28	32	30.5	0.3	30	31	GTR 324530	
	—	LRTZ 283231	44	28	32	31	0.3	30	31	RNA 69/28 UU	
30	LRT 303516	—	31.5	30	35	16	0.3	32	34	RNAF 354716	
	LRT 303517	—	33.5	30	35	17	0.3	32	34	RNA 4906	RNAF 354517
	—	LRTZ 303518	35	30	35	18	0.3	32	34	RNA 4906 UU	
	LRT 303520	—	38.5	30	35	20	0.3	32	34	TAF 354520	NAX 3530 NBX 3530
	LRT 303526	—	52	30	35	26	0.3	32	34	RNAFW 354526	
	LRT 303530	—	59	30	35	30	0.3	32	34	RNA 6906	TAF 354530
	LRT 303530-1	—	59	30	35	30.5	0.3	32	34	TR 354830	
	—	LRTZ 303530	59	30	35	30.5	0.3	32	34	GTR 354830	
	—	LRTZ 303531	61	30	35	31	0.3	32	34	RNA 6906 UU	
	LRT 303532	—	64	30	35	32	0.3	32	34	RNAFW 354732	
32	LRT 323720	—	43.5	32	37	20	0.3	34	36	TAF 374720	
	LRT 323730	—	63	32	37	30	0.3	34	36	TAF 374730	
	LRT 323830	—	77	32	38	30.5	0.6	36	37	TR 385230	
	—	LRTZ 323830	77	32	38	30.5	0.6	36	37	GTR 385230	
	LRT 324020	—	69	32	40	20	0.6	36	39	RNA 49/32	
	—	LRTZ 324021	72.5	32	40	21	0.6	36	39	RNA 49/32 UU	
	LRT 324036	—	123	32	40	36	0.6	36	39	RNA 69/32	
	—	LRTZ 324037	130	32	40	37	0.6	36	39	RNA 69/32 UU	

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

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INNER RINGS

Inner Rings for General Usage



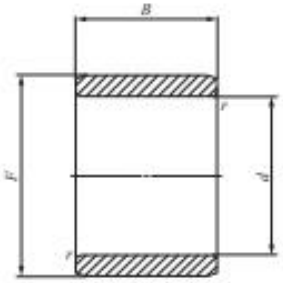


Shaft dia. 35 — 50mm

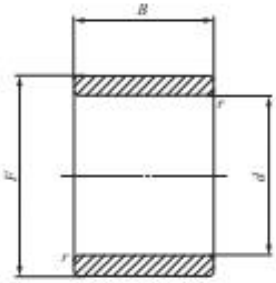
Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
35	LRT 354017	—	39	35	40	17	0.3	37	39	RNAF 405017
	LRT 354020	—	46	35	40	20	0.3	37	39	TAF 405020 RNAF 405520 NAX 4032 NBX 4032
	—	LRTZ 354020	46	35	40	20.5	0.6	39	39.5	GTR 405520
	LRT 354030	—	67	35	40	30	0.3	37	39	TAF 405030
	LRT 354034	—	78	35	40	34	0.3	37	39	RNAFW 405034
	LRT 354040	—	95	35	40	40	0.3	37	39	RNAFW 405540
	LRT 354220	—	65	35	42	20	0.6	39	41	RNA 4907
	—	LRTZ 354221	67	35	42	21	0.6	39	41	RNA 4907 UU
	LRT 354230	—	97	35	42	30.5	0.6	39	41	TR 425630
	—	LRTZ 354230	100	35	42	30.5	0.6	39	41	GTR 425630
	LRT 354236	—	120	35	42	36	0.6	39	41	RNA 6907
	—	LRTZ 354237	120	35	42	37	0.6	39	41	RNA 6907 UU
38	LRT 384320	—	47.5	38	43	20	0.3	40	42	TAF 435320
	LRT 384330	—	72	38	43	30	0.3	40	42	TAF 435330
40	LRT 404517	—	44.5	40	45	17	0.3	42	44	RNAF 455517
	LRT 404520	—	51	40	45	20	0.3	42	44	TAF 455520 RNAF 456220 NAX 4532 NBX 4532
	LRT 404530	—	77	40	45	30	0.3	42	44	TAF 455530
	LRT 404530-1	—	77	40	45	30.5	0.6	44	44.5	TR 455930
	—	LRTZ 404530	77	40	45	30.5	0.6	44	44.5	GTR 455930
	LRT 404534	—	88	40	45	34	0.3	42	44	RNAFW 455534
	LRT 404540	—	105	40	45	40	0.3	42	44	RNAFW 456240
	LRT 404822	—	93	40	48	22	0.6	44	47	RNA 4908
	—	LRTZ 404823	95	40	48	23	0.6	44	47	RNA 4908 UU
	LRT 404840	—	165	40	48	40	0.6	44	47	RNA 6908
	—	LRTZ 404841	170	40	48	41	0.6	44	47	RNA 6908 UU

Note(1) Minimum allowable value of chamfer dimension r

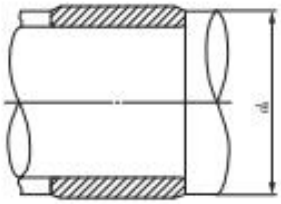
Remark No oil hole is provided.



LRT



LRTZ



Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
42	LRT 424720	—	54	42	47	20	0.3	44	46	TAF 475720
	LRT 424730	—	81	42	47	30	0.3	44	46	TAF 475730
	LRT 424830	—	100	42	48	30.5	0.6	46	47	TR 486230
	—	LRTZ 424830	100	42	48	30.5	0.6	46	47	GTR 486230
45	LRT 455020	—	58	45	50	20	0.3	47	49	RNAF 506220
	LRT 455025	—	71	45	50	25	0.3	47	49	TAF 506225 NAX 5035 NBX 5035
	LRT 455030	—	90	45	50	30.5	0.6	49	49.5	TR 506430
	—	LRTZ 455030	90	45	50	30.5	0.6	49	49.5	GTR 506430
	LRT 455035	—	95	45	50	35	0.3	47	49	TAF 506235
	LRT 455040	—	115	45	50	40	0.3	47	49	RNAFW 506240
	LRT 455222	—	88	45	52	22	0.6	49	51	RNA 4909
	—	LRTZ 455223	93	45	52	23	0.6	49	51	RNA 4909 UU
	LRT 455240	—	165	45	52	40	0.6	49	51	RNA 6909
	—	LRTZ 455241	170	45	52	41	0.6	49	51	RNA 6909 UU
	LRT 455520	—	120	45	55	20	1	50	54	RNAF 557220
	LRT 455540	—	245	45	55	40	1	50	54	RNAFW 557240
50	LRT 505520	—	63	50	55	20	0.3	52	54	RNAF 556820
	LRT 505525	—	77	50	55	25	0.3	52	54	TAF 556825
	LRT 505535	—	110	50	55	35	0.3	52	54	TAF 556835
	LRT 505540	—	130	50	55	40	0.3	52	54	RNAFW 556840
	LRT 505822	—	116	50	58	22	0.6	54	57	RNA 4910
	—	LRTZ 505823	118	50	58	23	0.6	54	57	RNA 4910 UU
	LRT 505840	—	210	50	58	40	0.6	54	57	RNA 6910
	—	LRTZ 505841	215	50	58	41	0.6	54	57	RNA 6910 UU
	LRT 505845	—	235	50	58	45.5	1	55	57	TR 587745
	—	LRTZ 505845	235	50	58	45.5	1	55	57	GTR 587745
	LRT 506020	—	135	50	60	20	1	55	59	RNAF 607820

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI

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INNER RINGS

Inner Rings for General Usage



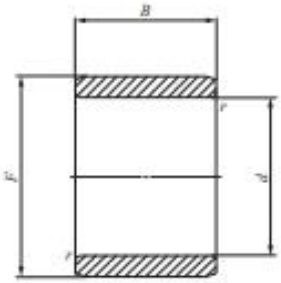


Shaft dia. 50 — 80mm

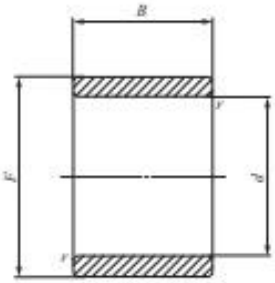
Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
50	LRT 506025	—	165	50	60	25.5	1	55	59	NAX 6040 NBX 6040
	LRT 506040	—	265	50	60	40	1	55	59	RNAFW 607840
55	LRT 556025	—	88	55	60	25	0.3	57	59	TAF 607225
	LRT 556035	—	120	55	60	35	0.3	57	59	TAF 607235
	LRT 556238	—	190	55	62	38.5	1	60	60.5	TR 628138
	—	LRTZ 556238	190	55	62	38.5	1	60	60.5	GTR 628138
	LRT 556325	—	145	55	63	25	1	60	61	RNA 4911
	—	LRTZ 556326	150	55	63	26	1	60	61	RNA 4911 UU
	LRT 556345	—	255	55	63	45	1	60	61	RNA 6911
	—	LRTZ 556346	260	55	63	46	1	60	61	RNA 6911 UU
	LRT 556530	—	220	55	65	30	1.5	63	63.5	RNAF 658530
	LRT 556560	—	435	55	65	60	1.5	63	63.5	RNAFW 658560
60	LRT 606825	—	150	60	68	25	0.6	64	66	TAF 688225
	LRT 606825-1	—	150	60	68	25	1	65	66	RNA 4912
	—	LRTZ 606826	160	60	68	26	1	65	66	RNA 4912 UU
	LRT 606835	—	210	60	68	35	0.6	64	66	TAF 688235
	LRT 606845	—	275	60	68	45	1	65	66	RNA 6912
	—	LRTZ 606846	280	60	68	46	1	65	66	RNA 6912 UU
	LRT 607025	—	195	60	70	25.5	1	65	68	NAX 7040
	LRT 607030	—	240	60	70	30	1.5	68	68.5	RNAF 709030
	LRT 607045	—	355	60	70	45.5	1	65	68	TR 708945
	—	LRTZ 607045	360	60	70	45.5	1	65	68	GTR 708945
	LRT 607060	—	480	60	70	60	1.5	68	68.5	RNAFW 709060
65	LRT 657225	—	145	65	72	25	1	70	70.5	RNA 4913
	—	LRTZ 657226	150	65	72	26	1	70	70.5	RNA 4913 UU
	LRT 657245	—	255	65	72	45	1	70	70.5	RNA 6913
	—	LRTZ 657246	265	65	72	46	1	70	70.5	RNA 6913 UU
	LRT 657335	—	235	65	73	35	1	70	71	TAF 739035

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

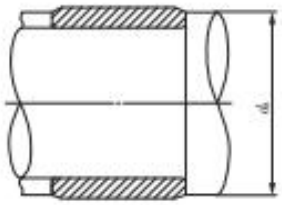
SORUPACHAI



LRT



LRTZ



Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
65	LRT 657530	—	260	65	75	30	1.5	73	73.5	RNAF 759530
	LRT 657560	—	520	65	75	60	1.5	73	73.5	RNAFW 759560
70	LRT 708025	—	225	70	80	25	1	75	78	TAF 809525
	LRT 708030	—	275	70	80	30	1	75	78	RNA 4914
	LRT 708030-1	—	275	70	80	30	1.5	78	78.5	RNAF 8010030
	—	LRTZ 708031	275	70	80	31	1	75	78	RNA 4914 UU
	LRT 708035	—	310	70	80	35	1	75	78	TAF 809535
	LRT 708054	—	490	70	80	54	1	75	78	RNA 6914
	—	LRTZ 708055	500	70	80	55	1	75	78	RNA 6914 UU
	LRT 708060	—	560	70	80	60	1.5	78	78.5	RNAFW 8010060
75	LRT 758345	—	350	75	83	45.5	1	80	81	TR 8310845
	—	LRTZ 758345	350	75	83	45.5	1	80	81	GTR 8310845
	LRT 758525	—	240	75	85	25	1	80	83	TAF 8510525
	LRT 758530	—	290	75	85	30	1	80	83	RNA 4915
	LRT 758530-1	—	290	75	85	30	1.5	83	83.5	RNAF 8510530
	—	LRTZ 758531	300	75	85	31	1	80	83	RNA 4915 UU
	LRT 758535	—	335	75	85	35	1	80	83	TAF 8510535
	LRT 758554	—	520	75	85	54	1	80	83	RNA 6915
	—	LRTZ 758555	530	75	85	55	1	80	83	RNA 6915 UU
80	LRT 809025	—	255	80	90	25	1	85	88	TAF 9011025
	LRT 809030	—	310	80	90	30	1	85	88	RNA 4916
	LRT 809030-1	—	310	80	90	30	1.5	88	88.5	RNAF 9011030
	—	LRTZ 809031	315	80	90	31	1	85	88	RNA 4916 UU
	LRT 809035	—	355	80	90	35	1	85	88	TAF 9011035
	LRT 809054	—	550	80	90	54	1	85	88	RNA 6916
	—	LRTZ 809055	560	80	90	55	1	85	88	RNA 6916 UU

Note(1) Minimum allowable value of chamfer dimension r

Remark No oil hole is provided.

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INNER RINGS

Inner Rings for General Usage



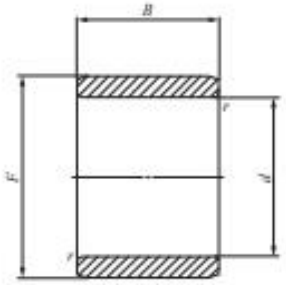


Shaft dia. 85 — 140mm

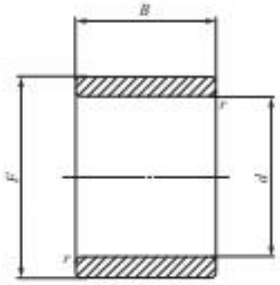
Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
85	LRT 859350	—	440	85	93	50.5	1	90	91	TR 9311850
	—	LRTZ 859350	440	85	93	50.5	1	90	91	GTR 9311850
	LRT 859526	—	280	85	95	26	1	90	93	TAF 9511526
	LRT 859530	—	330	85	95	30	1.5	93	93.5	RNAF 9511530
	LRT 859536	—	390	85	95	36	1	90	93	TAF 9511536
	LRT 859545	—	490	85	95	45.5	1.5	93	93.5	TR 9512045
	—	LRTZ 859545	490	85	95	45.5	1.5	93	93.5	GTR 9512045
	LRT 8510035	—	575	85	100	35	1.1	91.5	98	RNA 4917
	—	LRTZ 8510036	605	85	100	36	1.1	91.5	98	RNA 4917 UU
	LRT 8510063	—	1 040	85	100	63	1.1	91.5	98	RNA 6917
	—	LRTZ 8510064	1 060	85	100	64	1.1	91.5	98	RNA 6917 UU
90	LRT 9010026	—	295	90	100	26	1	95	98	TAF 10012026
	LRT 9010030	—	355	90	100	30	1.5	98	98.5	RNAF 10012030
	LRT 9010036	—	415	90	100	36	1	95	98	TAF 10012036
	LRT 9010050	—	580	90	100	50.5	1.5	98	98.5	TR 10012550
	—	LRTZ 9010050	580	90	100	50.5	1.5	98	98.5	GTR 10012550
	LRT 9010535	—	610	90	105	35	1.1	96.5	103	RNA 4918
	—	LRTZ 9010536	630	90	105	36	1.1	96.5	103	RNA 4918 UU
	LRT 9010563	—	1 100	90	105	63	1.1	96.5	103	RNA 6918
	—	LRTZ 9010564	1 120	90	105	64	1.1	96.5	103	RNA 6918 UU
95	LRT 9510526	—	315	95	105	26	1	100	103	TAF 10512526
	LRT 9510536	—	430	95	105	36	1	100	103	TAF 10512536
	LRT 9511035	—	650	95	110	35	1.1	101.5	108	RNA 4919
	—	LRTZ 9511036	660	95	110	36	1.1	101.5	108	RNA 4919 UU
	LRT 9511063	—	1 160	95	110	63	1.1	101.5	108	RNA 6919
	—	LRTZ 9511064	1 180	95	110	64	1.1	101.5	108	RNA 6919 UU

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

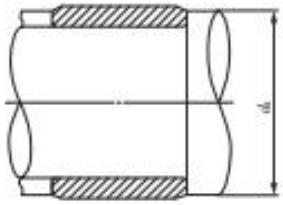
SORUPACHAI



LRT



LRTZ



Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm				Standard mounting dimension mm		Assembled bearings
				d	F	B	$r_{s\,min}$ (1)	d_a Min.	d_a Max.	
100	LRT 10011030	—	380	100	110	30	1	105	108	TAF 11013030
	LRT 10011040	—	500	100	110	40	1	105	108	TAF 11013040
	LRT 10011050	—	640	100	110	50.5	1.5	108	108.5	TR 11013550
	—	LRTZ 10011050	640	100	110	50.5	1.5	108	108.5	GTR 11013550
	LRT 10011540	—	770	100	115	40	1.1	106.5	113	RNA 4920
	—	LRTZ 10011541	780	100	115	41	1.1	106.5	113	RNA 4920 UU
105	LRT 10511550	—	670	105	115	50.5	1.5	113	113.5	TR 11515350
	—	LRTZ 10511550	670	105	115	50.5	1.5	113	113.5	GTR 11515350
110	LRT 11012030	—	410	110	120	30	1	115	118	RNA 4822
	LRT 11012540	—	840	110	125	40	1.1	116.5	123	RNA 4922
	—	LRTZ 11012541	870	110	125	41	1.1	116.5	123	RNA 4922 UU
120	LRT 12013030	—	450	120	130	30	1	125	128	RNA 4824
	LRT 12013545	—	1 030	120	135	45	1.1	126.5	133	RNA 4924
	—	LRTZ 12013546	1 050	120	135	46	1.1	126.5	133	RNA 4924 UU
125	LRT 12514060	—	1 460	125	140	60.5	1.5	133	138	TR 14017860
	—	LRTZ 12514060	1 460	125	140	60.5	1.5	133	138	GTR 14017860
130	LRT 13014535	—	860	130	145	35	1.1	136.5	143	RNA 4826
	LRT 13015050	—	1 670	130	150	50	1.5	138	148	RNA 4926
	—	LRTZ 13015051	1 720	130	150	51	1.5	138	148	RNA 4926 UU
135	LRT 13515060	—	1 560	135	150	60.5	1.5	143	148	TR 15018860
	—	LRTZ 13515060	1 560	135	150	60.5	1.5	143	148	GTR 15018860
140	LRT 14015535	—	930	140	155	35	1.1	146.5	153	RNA 4828
	LRT 14016050	—	1 790	140	160	50	1.5	148	158	RNA 4928
	—	LRTZ 14016051	1 830	140	160	51	1.5	148	158	RNA 4928 UU

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI

IKO

INNER RINGS

Inner Rings for General Usage

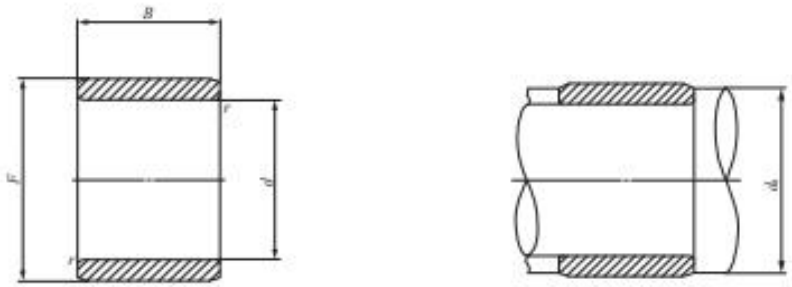


Shaft dia. 150 – 440mm

Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm d	F	B	$r_{s\,min}$ (1)	Standard mounting dimension mm d_a Min.	Max.	Assembled bearings
150	LRT 15016540	—	1 130	150	165	40	1.1	156.5	163	RNA 4830
	LRT 15017060	—	2 290	150	170	60	2	159	168	RNA 4930
160	LRT 16017540	—	1 200	160	175	40	1.1	166.5	173	RNA 4832
	LRT 16018060	—	2 440	160	180	60	2	169	178	RNA 4932
170	LRT 17018545	—	1 420	170	185	45	1.1	176.5	183	RNA 4834
	LRT 17019060	—	2 580	170	190	60	2	179	188	RNA 4934
180	LRT 18019545	—	1 500	180	195	45	1.1	186.5	193	RNA 4836
	LRT 18020569	—	3 950	180	205	69	2	189	203	RNA 4936
190	LRT 19021050	—	2 380	190	210	50	1.5	198	208	RNA 4838
	LRT 19021569	—	4 200	190	215	69	2	199	213	RNA 4938
200	LRT 20022050	—	2 520	200	220	50	1.5	208	218	RNA 4840
	LRT 20022580	—	5 000	200	225	80	2.1	211	223	RNA 4940
220	LRT 22024050	—	2 750	220	240	50	1.5	228	238	RNA 4844
	LRT 22024580	—	5 500	220	245	80	2.1	231	243	RNA 4944
240	LRT 24026560	—	4 530	240	265	60	2	249	262	RNA 4848
	LRT 24026580	—	6 000	240	265	80	2.1	251	262	RNA 4948
260	LRT 26028560	—	4 930	260	285	60	2	269	282	RNA 4852
	LRT 260290100	—	9 900	260	290	100	2.1	271	287	RNA 4952
280	LRT 28030569	—	6 050	280	305	69	2	289	302	RNA 4856
	LRT 280310100	—	10 600	280	310	100	2.1	291	307	RNA 4956
300	LRT 30033080	—	9 100	300	330	80	2.1	311	327	RNA 4860
	LRT 300340118	—	18 000	300	340	118	3	313	337	RNA 4960
320	LRT 32035080	—	9 600	320	350	80	2.1	331	347	RNA 4864
	LRT 320360118	—	19 200	320	360	118	3	333	357	RNA 4964

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.

SORUPACHAI



LRT

Shaft dia. mm	Identification number		Mass (Ref.) g	Boundary dimensions mm				Standard mounting dimension mm		Assembled bearings
				d	F	B	$r_{s\,min}$ (1)	d_a Min.	d_a Max.	
340	LRT 34037080	—	10 200	340	370	80	2.1	351	367	RNA 4868
	LRT 340380118	—	20 300	340	380	118	3	353	377	RNA 4968
360	LRT 36039080	—	10 800	360	390	80	2.1	371	387	RNA 4872
	LRT 360400118	—	21 500	360	400	118	3	373	397	RNA 4972
380	LRT 380415100	—	16 700	380	415	100	2.1	391	412	RNA 4876
	LRT 380430140	—	33 900	380	430	140	4	396	427	RNA 4976
400	LRT 400450140	—	35 600	400	450	140	4	416	447	RNA 4980
420	LRT 420470140	—	37 300	420	470	140	4	436	467	RNA 4984
440	LRT 440490160	—	44 100	440	490	160	4	456	487	RNA 4988

Note(1) Minimum allowable value of chamfer dimension r
Remark No oil hole is provided.