

INNER RINGS

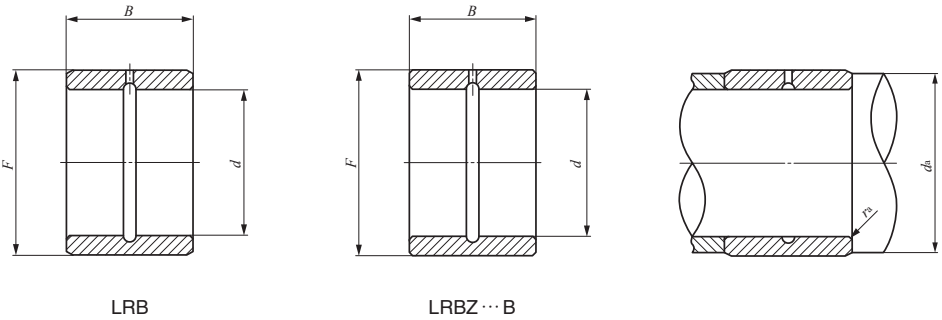
Inner Rings for General Usage **Inch Series**



Shaft dia. 9.525 — 22.225mm

Shaft dia. mm (inch)	Identification number		Mass (Ref.) g	Boundary dimensions mm(inch)			Standard mounting dimensions mm ⁽¹⁾		
				<i>d</i>	<i>F</i>	<i>B</i>	<i>d</i> _a Min.	Max.	<i>r</i> _{as max} Max.
9.525 (3/8)	LRB 61012	—	18.5	9.525 (3/8)	15.875 (5/8)	19.300	14	14.5	0.6
	—	LRBZ 61016 B	25	9.525 (3/8)	15.875 (5/8)	25.650	14	14.5	0.6
12.700 (1/2)	LRB 81212	—	23.5	12.700 (1/2)	19.050 (3/4)	19.300	17.5	18	1
	LRB 81216	—	31	12.700 (1/2)	19.050 (3/4)	25.650	17.5	18	1
	—	LRBZ 81216 B	31	12.700 (1/2)	19.050 (3/4)	25.650	17.5	18	0.6
15.875 (5/8)	LRB 101412	—	28	15.875 (5/8)	22.225 (7/8)	19.300	21	21.2	1
	LRB 101416	—	37.5	15.875 (5/8)	22.225 (7/8)	25.650	21	21.2	1
	—	LRBZ 101416 B	37.5	15.875 (5/8)	22.225 (7/8)	25.650	21	21.2	0.6
19.050 (3/4)	LRB 121612	—	33	19.050 (3/4)	25.400 (1)	19.300	24	24.4	1
	LRB 121616	—	44	19.050 (3/4)	25.400 (1)	25.650	24	24.4	1
	—	LRBZ 121616 B	44	19.050 (3/4)	25.400 (1)	25.650	24	24.4	0.6
22.225 (7/8)	LRB 141816	—	50	22.225 (7/8)	28.575 (1 1/8)	25.650	27	27.5	1
	LRB 141820	—	62	22.225 (7/8)	28.575 (1 1/8)	32.000	27	27.5	1
	—	LRBZ 141820 B	62	22.225 (7/8)	28.575 (1 1/8)	32.000	27	27.5	0.6

Note(1) Maximum allowable fillet corner radius of shaft
Remark LRB and LRBZ···B are provided with an oil groove and an oil hole.



Assembled bearings	
BR 101812	
BR 101816UU	
BR 122012	
BR 122016	
BR 122016UU	
BR 142212	
BR 142216	
BR 142216UU	
BR 162412	
BR 162416	
BR 162416UU	
BR 182616	
BR 182620	
BR 182620UU	

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INNER RINGS

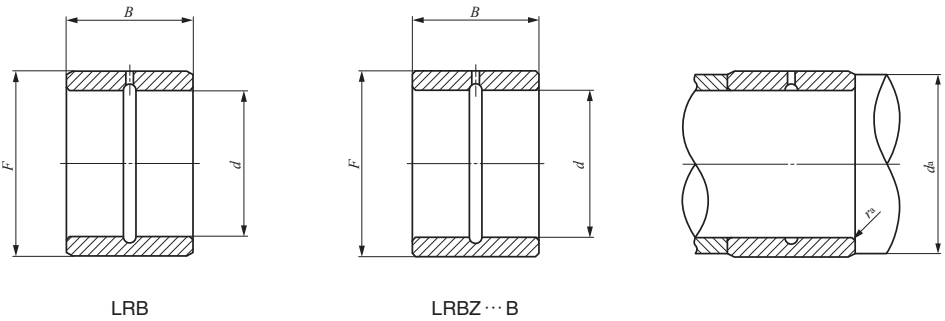
Inner Rings for General Usage **Inch Series**



Shaft dia. 25.400 — 38.100mm

Shaft dia. mm (inch)	Identification number		Mass (Ref.) g	Boundary dimensions mm(inch)			Standard mounting dimensions mm ⁽¹⁾		
				<i>d</i>	<i>F</i>	<i>B</i>	<i>d</i> _a Min.	Max.	<i>r</i> _{as max} Max.
25.400 (1)	LRB 162016	—	56	25.400 (1)	31.750 (1 1/4)	25.650	30.5	30.7	1
	LRB 162020	—	72	25.400 (1)	31.750 (1 1/4)	32.000	30.5	30.7	1
	—	LRBZ 162020 B	72	25.400 (1)	31.750 (1 1/4)	32.000	30.5	30.7	0.6
28.575 (1 1/8)	LRB 182216	—	63	28.575 (1 1/8)	34.925 (1 3/8)	25.650	33.5	33.9	1
	LRB 182220	—	77	28.575 (1 1/8)	34.925 (1 3/8)	32.000	33.5	33.9	1
	—	LRBZ 182220 B	77	28.575 (1 1/8)	34.925 (1 3/8)	32.000	33.5	33.9	0.6
31.750 (1 1/4)	LRB 202416	—	71	31.750 (1 1/4)	38.100 (1 1/2)	25.650	37	37.1	1.5
	LRB 202420	—	86	31.750 (1 1/4)	38.100 (1 1/2)	32.000	37	37.1	1.5
	—	LRBZ 202420 B	86	31.750 (1 1/4)	38.100 (1 1/2)	32.000	37	37.1	0.6
34.925 (1 3/8)	LRB 222616	—	77	34.925 (1 3/8)	41.275 (1 5/8)	25.650	40.2	40.2	1.5
	LRB 222620	—	96	34.925 (1 3/8)	41.275 (1 5/8)	32.000	40.2	40.2	1.5
	—	LRBZ 222620 B	96	34.925 (1 3/8)	41.275 (1 5/8)	32.000	40.2	40.2	0.6
38.100 (1 1/2)	LRB 242816	—	80	38.100 (1 1/2)	44.450 (1 3/4)	25.650	43.3	43.4	1.5
	LRB 242820	—	100	38.100 (1 1/2)	44.450 (1 3/4)	32.000	43.3	43.4	1.5
	LRB 243020	—	155	38.100 (1 1/2)	47.625 (1 7/8)	32.000	43.3	45	1.5
	—	LRBZ 242820 B	100	38.100 (1 1/2)	44.450 (1 3/4)	32.000	43.3	43.4	0.6
	—	LRBZ 243020 B	160	38.100 (1 1/2)	47.625 (1 7/8)	32.000	43.3	45	1

Note(1) Maximum allowable fillet corner radius of shaft
Remark LRB and LRBZ...B are provided with an oil groove and an oil hole.



Assembled bearings		
BR 202816		
BR 202820		
BR 202820UU		
BR 223016		
BR 223020		
BR 223020UU		
BR 243316		
BR 243320		
BR 243320UU		
BR 263516		
BR 263520		
BR 263520UU		
BR 283716		
BR 283720	BR 283820	
BR 303920		
BR 283720UU		
BR 303920UU		

INNER RINGS

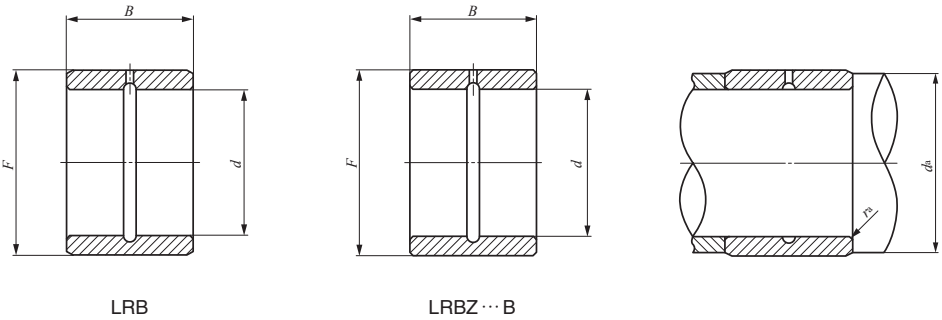
Inner Rings for General Usage **Inch Series**



Shaft dia. 41.275 — 63.500mm

Shaft dia. mm (inch)	Identification number		Mass (Ref.) g	Boundary dimensions mm(inch)			Standard mounting dimensions mm ⁽¹⁾		
				<i>d</i>	<i>F</i>	<i>B</i>	<i>d</i> _a Min.	Max.	<i>r</i> _{as max} Max.
41.275 (1 5/8)	LRB 263216	—	135	41.275 (1 5/8)	50.800 (2)	25.650	48	49	1.5
	LRB 263220	—	170	41.275 (1 5/8)	50.800 (2)	32.000	48	49	1.5
	—	LRBZ 263220 B	170	41.275 (1 5/8)	50.800 (2)	32.000	48	49	1
44.450 (1 3/4)	LRB 283624	—	300	44.450 (1 3/4)	57.150 (2 1/4)	38.350	52.5	55	1.5
	LRB 283628	—	345	44.450 (1 3/4)	57.150 (2 1/4)	44.700	52.5	55	1.5
	—	LRBZ 283628 B	345	44.450 (1 3/4)	57.150 (2 1/4)	44.700	52.5	55	1.5
50.800 (2)	LRB 324024	—	335	50.800 (2)	63.500 (2 1/2)	38.350	58	61	2
	LRB 324028	—	390	50.800 (2)	63.500 (2 1/2)	44.700	58	61	2
	—	LRBZ 324028 B	390	50.800 (2)	63.500 (2 1/2)	44.700	58	61	1.5
57.150 (2 1/4)	LRB 364424	—	375	57.150 (2 1/4)	69.850 (2 3/4)	38.350	65	67	2
	LRB 364428	—	440	57.150 (2 1/4)	69.850 (2 3/4)	44.700	65	67	2
	—	LRBZ 364428 B	440	57.150 (2 1/4)	69.850 (2 3/4)	44.700	65	67	1.5
63.500 (2 1/2)	LRB 404824	—	410	63.500 (2 1/2)	76.200 (3)	38.350	71	73	2
	LRB 404828	—	480	63.500 (2 1/2)	76.200 (3)	44.700	71	73	2
	—	LRBZ 404828 B	480	63.500 (2 1/2)	76.200 (3)	44.700	71	73	1.5

Note(1) Maximum allowable fillet corner radius of shaft
Remark LRB and LRBZ...B are provided with an oil groove and an oil hole.



Assembled bearings		
BR 324116		
BR 324120		
BR 324120UU		
BR 364824		
BR 364828		
BR 364828UU		
BR 405224		
BR 405228		
BR 405228UU		
BR 445624		
BR 445628		
BR 445628UU		
BR 486024		
BR 486028		
BR 486028UU		

INNER RINGS

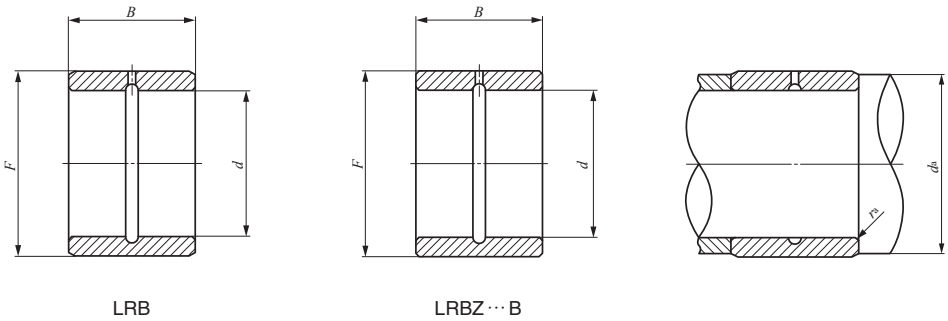
Inner Rings for General Usage **Inch Series**



Shaft dia. 69.850 — 88.900mm

Shaft dia. mm (inch)	Identification number		Mass (Ref.) g	Boundary dimensions mm(inch)			Standard mounting dimensions mm ⁽¹⁾		
				<i>d</i>	<i>F</i>	<i>B</i>	<i>d</i> _a Min.	Max.	<i>r</i> _{as max} Max.
69.850 (2¾)	LRB 445228	—	530	69.850 (2¾)	82.550 (3¼)	44.700	77	79	2
	LRB 445232	—	600	69.850 (2¾)	82.550 (3¼)	51.050	77	79	2
	—	LRBZ 445228 B	530	69.850 (2¾)	82.550 (3¼)	44.700	77	79	1.5
76.200 (3)	LRB 485632	—	640	76.200 (3)	88.900 (3½)	51.050	83.5	86	2
	—	LRBZ 485632 B	640	76.200 (3)	88.900 (3½)	51.050	83.5	86	1.5
82.550 (3¼)	LRB 526032	—	690	82.550 (3¼)	95.250 (3¾)	51.050	91	93	2.5
	—	LRBZ 526032 B	690	82.550 (3¼)	95.250 (3¾)	51.050	91	93	1.5
88.900 (3½)	LRB 566432	—	750	88.900 (3½)	101.600 (4)	51.050	97	99	2.5

Note⁽¹⁾ Maximum allowable fillet corner radius of shaft
Remark LRB with inner ring bore diameter *d* of 76.200 mm or less and LRBZ···B are provided with an oil groove and an oil hole.
Other models are provided with an oil groove and two oil holes.



Assembled bearings	
BR 526828	
BR 526832	
BR 526828UU	
BR 567232	
BR 567232UU	
BR 607632	
BR 607632UU	
BR 648032	