

Links

Bearing Embedded

Feature: Bearing integrated links to support rotations.

Links – Bearing Embedded

Type	Material		Surface Treatment	Accessories	
	Links	Bearing		Retaining Ring	Set Screws
LNBB	LNBWB	1045 Carbon Steel or Equivalent	Steel	Black Oxide	Spring Steel
LNBM	LNBWM	304 Stainless Steel	Stainless Steel	Electroless Nickel Plating	304 Stainless Steel
—	LNBWS	304 Stainless Steel	Stainless Steel	—	304 Stainless Steel

*Double Bearings Type has no set screw.

Single Bearing Type

Double Bearing Type

T Dimension Tolerance

T	10-16	19
	-0.3-0	-0.33-0

Bearing Accuracy: JIS B 1514 Class 0 For details, refer to P.3956

Single Bearing Type

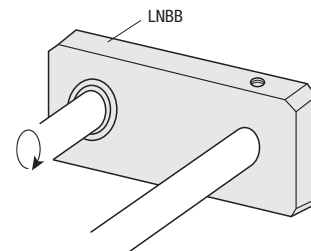
Part Number	Type	d ₁	E _{H7} Selection	L 1 mm Increment	W	T	ℓ	F	C	Tightening Screw M	Bearing No.	D _{H7}	Tolerance	dh	B
LNBB	5	3	4 5 6 8	20-150	20	10	L+22	10	5	When EH7 is 3-6, M3 8-16, M4 18-25, M6	605ZZ	14	+0.018	10	5
LNBM	6	3	4 5 6 8 10	25-150	20	12	L+25	12	5		606ZZ	17	0	13	6
	8	3	4 5 6 8 10 12 13 14 15 16	30-150	29	12	L+32	14	8	608ZZ	22	+0.021	18	7	
	10	3	4 5 6 8 10 12 13 14 15 16 18	35-200	34	16	L+36	17	8	6000ZZ	26	0	22	8	
	12	3	4 5 6 8 10 12 13 14 15 16 18 20	40-200	40	16	L+40	18	8	6001ZZ	28	+0.025	24	8	
	15	3	4 5 6 8 10 12 13 14 15 16 18 20 25	45-300	50	19	L+44	20	10	6002ZZ	32	0	28	9	
	20	3	4 5 6 8 10 12 13 14 15 16 18 20 25	55-300	56	19	L+56	26	10	6004ZZ	42	0	36	12	
	25	3	4 5 6 8 10 12 13 14 15 16 18 20 25	55-300	56	19	L+63	29	10	6005ZZ	47	0	41	12	

Double Bearing Type

Part Number	Type	d ₁	d ₂ Selection	L 1 mm Increment	W	T	ℓ	F	C	d ₁ / d ₂ Dimensions
LNBWB	5	5		20-150	20	10	L+20	10	5	5 14 10 5 605ZZ
LNBWM	6	5	6	25-150	20	12	L+24	12	5	6 17 13 6 606ZZ
LNBWS	8	5	6 8	30-150	29	12	L+28	14	8	8 22 18 7 608ZZ
	10	5	6 8 10	30-150	34	16	L+34	17	8	10 26 22 8 6000ZZ
	12	5	6 8 10 12	35-200	36	16	L+36	18	8	12 28 24 8 6001ZZ
	15	5	6 8 10 12 15	40-200	40	16	L+40	20	9	15 32 28 9 6002ZZ
	20	5	6 8 10 12 15 20	45-300	50	19	L+52	26	12	20 42 36 12 6004ZZ
	25	5	6 8 10 12 15 20 25	55-300	56	19	L+58	29	10	25 47 41 12 6005ZZ

Part Number Example
LNBB12 - E - 16 - d₂ - L
LNBS10 - 5 - 150

Application Example
Fixes the shaft by the set screw side, and supports rotations by the bearing side.



Links

Oil-Free Bushings Press-Fit

Feature: Links with embedded oil free bushings to prevent abrasions by rotating.

Links – Oil-Free Bushings Press-Fit

Type	Material		Surface Treatment	Accessories
	Links	Bushing		
LNMS	LNMWB	1045 Carbon Steel or Equivalent	Black Oxide	Hexagon Socket Set Screw (304 Stainless Steel)
—	LNMWM	304 Stainless Steel	Electroless Nickel Plating	—
—	LNMWS	304 Stainless Steel	—	—

*Double Bushing Type has no set screw.

Single Bushing Type

Double Bushing Type

*The housing diameter of press fit part of oil free bushing is finished by tolerance H7.

Part Number	Type	D ₁	D ₂	L 1 mm Increment	T	W	ℓ	F	C	Tightening Screw M
LNMS	3	3	4	10-150	5	13	L+10	5	3	M3
	4	3	4	10-150		16	L+12	6		
	5	3	4 5	10-150	6	22	L+17	8	5	M4
	6	3	4 5 6	10-150		25	L+19	9		
	8	4	5 6 8	10-150	9	30	L+21	10	8	M6
	10	4	5 6 8	15-200		32	L+22	12		
	12	6	8 10 12 13	20-200	12	38	L+25	14	8	M6
	13	6	8 10 12 13 15	20-200		50	L+28	15		
	14	8	10 12 13 15	20-200	12	38	L+32	15	8	M6
	15	8	10 12 13 15	20-200		50	L+38	18		
	16	8	10 12 13 15	20-200	12	38	L+32	15	8	M6
	18	10	12 13 15 16 18	35-300		50	L+38	18		
	20	10	12 13 15 16 18 20	35-300	12	38	L+28	14	8	M6
	25	12	13 15 16 18 20 25	35-300		50	L+36	18		

Part Number Example
LNMS10 - D₂ - L
LNMS10 - 6 - 70

Oil-Free Bushing

Single Bushing Type		Oil Free Bushing		Double Bushing Type		Oil Free Bushings (2 pcs.)	
D ₁	D ₂	d (Inner Dia.)	L (Overall Length)	D ₁	D ₂	d (Inner Dia.)	L (Overall Length)
3, 4, 5, 6	3	3	4	3, 4, 5, 6	3	3	4
	4	4	4		4	4	4
	5	5	4		5	5	4
	6	6	4		6	6	4
8, 10, 12	4	4	5	8	4	4	5
	5	5	5		5	5	5
	6	6	5		6	6	5
	8	8	5		8	8	5
13, 14, 15, 16	6	6	8	10, 12, 13, 15	5	5	8
	8	8	8		6	6	8
	10	10	8		8	8	8
	12	12	8		10	10	8
18, 20, 25	13	13	8	16, 18, 20, 25	12	12	8
	15	15	8		13	13	8
	18	18	10		15	15	10
	20	20	10		18	18	10
	25	25	10		20	20	10
					25	25	10