

With Clamp Lever

Flanged, Single/Double, Right/Left Clamp Lever

= For customers selecting MISUMI original specifications =
The products on this page are of standard specifications (Outer cylinder SUJ2 equivalent, Retainer resin). Consider these specifications while selecting the product.

■Features: MISUMI original. The Clamp Lever Type can position workloads easier compared to the Standard.

MISUMI Original

Right Lever, Single



Left Lever, Single



Right Lever, Double

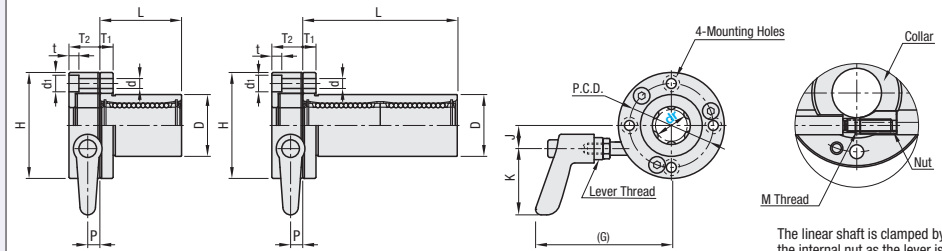


Left Lever, Double

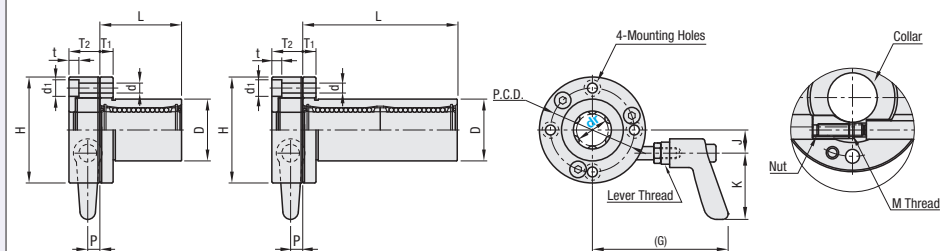


Type		Outer Cylinder	Balls	Retainer	Collar Holder	Collar / Lever Screw	Lever	Thread	Nut	Ambient Operating Temp.				
Right Lever	Left Lever													
Single	Double	Material	Surface Treatment	Material	Material	Material	Material	Material	Material	Temp.				
LHRC	LHRCW	SUJ2 Equivalent	58HRC-	SUJ2 Equivalent	Plastic (Durazon M90 Equivalent)	Aluminum Alloy	Clear Anodize	S45C	Electroless Nickel Plating	Zinc Diecast	Baked Paint	SUS304	Stainless Steel (SUS)	-20~80°C

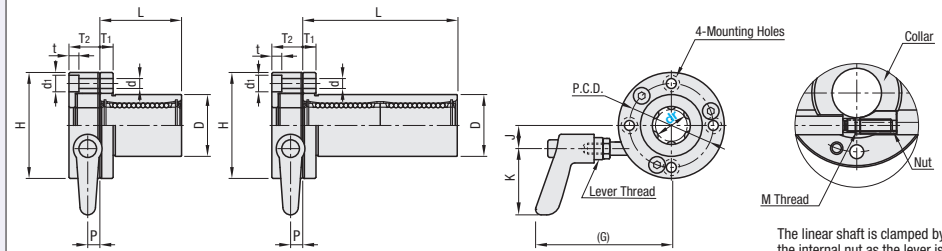
Right Lever Single



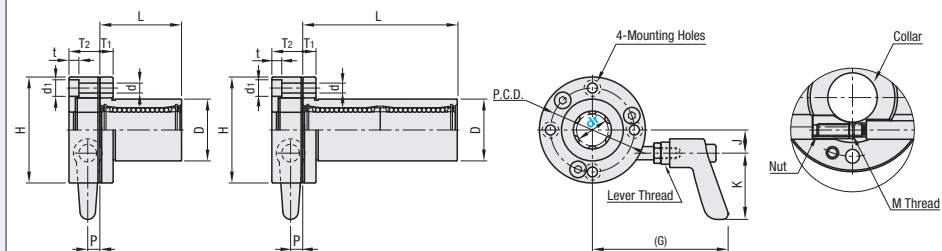
Left Lever Single



Right Lever Double



Left Lever Double



Type	dr	Tolerance		D Tolerance	L		H	T1	T2	d	d1	t	P.C.D. (G)	J	K	P	M	Eccentricity		Perpendicularity	
		Single	Double		Single	Double												Single	Double	Single	Double
Single (Right Lever Type)	16	0	0	28	37	70	48	6	4.5	7.5	4.5	38	(62)	10.5			4	0.012	0.015	0.012	0.015
Double (Right Lever Type)	20	0	0	32	42	80	54	8	14	5.5	9	5.5	43	(63.2)	12.5		5	0.015	0.020	0.015	0.020
Single (Left Lever Type)	25	0	0	40	59	112	62	8	14	5.5	9	5.5	51	(70.7)	16		5	0.015	0.020	0.015	0.020
Double (Left Lever Type)	30	0	0	45	64	123	74	10	16	6.6	11	6.1	60	(73.5)	18.5		5	0.015	0.020	0.015	0.020

* Perpendicularity of D part to flange mounting surface $kgf=N \times 0.101972$

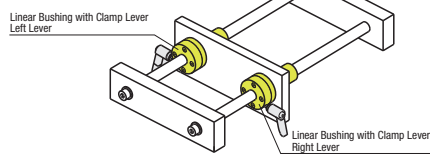
dr	Max. Thrust Load N		Basic Load Rating				Allowable Static Moment (N · m)		Mass (g)		Unit Price	
	Greased	Tightening Torque N · m	C (Dynamic) N		Co (Static) N		Single	Double	Single	Double	LHRC	LHRCW
			Single	Double	Single	Double						
16	250	1.5	775	1230	1180	2350	-	19.7	217	289		
20	250	1.5	882	1400	1370	2740	-	26.8	324	406		
25	250	3	980	1560	1570	3140	-	43.4	553	757		
30	500	3	1570	2490	2740	5490	-	82.8	683	901		

◆ For Precautions for Use, see P.303. ◆ Maximum thrust load value is a reference.

Precautions for Use

- For installation, loosen a lever until the nut does not interfere with the shaft, then insert the shaft.
- Do not tighten the clamp without a shaft inserted. It may cause deformation and permanent damages.
- Use as an interim measure. Do not use as a permanent safety position holding device.

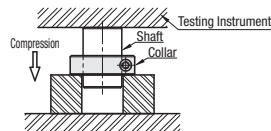
Example



Max. Thrust Load Test Method

The collar is tightened to torque value(s) shown in the chart, then compressive load is applied with the tester. The compressive load where the shaft begins to move is defined as the Max. Thrust Load.

* Max. thrust load of greased linear bushings was tested.



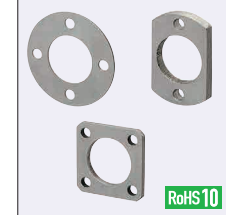
Ordering Example

Part Number
LHRC16
 L.HRC16L (L Type Greased)
 L.HRC16G (G Type Greased)
 L.HRC16H (H Type Greased)
 Alternative grease types available.
 For Days to Ship, Price and Performance, see P.304.

Height-adjusting Spacers for Flanged Bushings, Spacers / Stoppers for Linear Bushings

■Features: Bushing position can be adjusted in axial direction when space is insufficient in thrust direction.

Height-adjusting Spacers for Flanged Bushings



Type	Type			Material
	Round Flange	Square Flange	Compact Flange	
LCSR	LCSS	LCSC	SUS304	

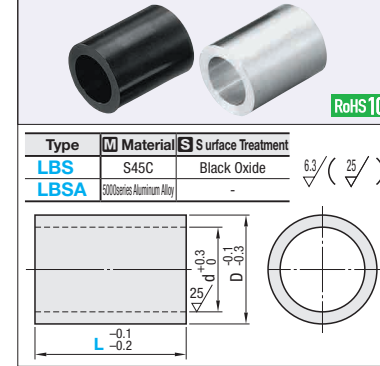
Part Number	Type	T Selection	D Tolerance	d	H	P.C.D.	W	F	A	Unit Price													
										Round Flange			Square Flange			Compact Flange							
										LCSR	LCSS	LCSC	T1	T3	T5	T1	T3	T5	T1	T3	T5		
6	12.1	3.5	28	20	22	-	20																
8	15.1	4.5	32	24	25	-	24																
10	19.1	4.5	40	29	30	-	29																
12	21.1	4.5	42	32	32	-	32																
13	23.1	4.5	43	33	34	-	33																
16	28.1	5.5	48	38	37	22	31																
20	32.1	5.5	54	43	42	24	36																
25	40.1	6.6	62	51	50	32	40																
30	45.1	6.6	74	60	58	35	49																

◆ Not applicable to Linear Bushing Compact on P.310.

Ordering Example
 Part Number - T
 LCSR12 - 5
 LCSC25 - 3

■Features: Spacers for Linear Bushing installation.

Spacers for Linear Bushings



Ordering Example
 Part Number - L
 LBSA12 - 55

Part Number	Type	No.	L 1mm Increment	D	d	LBS			LBSA		
						Min. L - 40	L41-100	L101-150	Min. L - 40	L41-100	L101-150
3				7	4	-	-	-	-	-	-
4				8	5	-	-	-	-	-	-
5	5-50			10	6	-	-	-	-	-	-
6				12	7	-	-	-	-	-	-
8				15	9	-	-	-	-	-	-
10				19	11	-	-	-	-	-	-
12				21	13	-	-	-	-	-	-
13	10-100			23	14	-	-	-	-	-	-
16				28	17	-	-	-	-	-	-
20				32	22	-	-	-	-	-	-
25				40	27	-	-	-	-	-	-
30				45	32	-	-	-	-	-	-
35	10-150			52	37	-	-	-	-	-	-
40				60	42	-	-	-	-	-	-
50				80	52	-	-	-	-	-	-

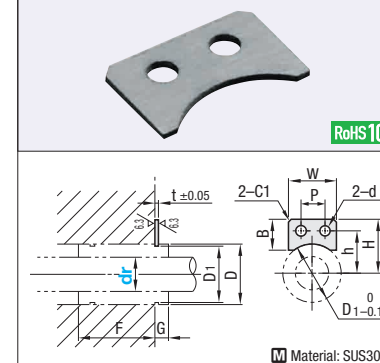
◆ Not applicable to Linear Bushing Compact on P.318. ◆ For orders larger than indicated quantity, please request a quotation.

Alterations
 Part Number - L - (MC)
 LBSA12 - 55 - MC

Alteration	Code	Spec.
Oil Groove Machining	MC	Oil groove is added. No. A B d1 3-4 1.5 0.3 1 5-8 2.5 0.5 2 10-50 5 1 3

■Features: Retaining Plates for Linear Bushing installation.

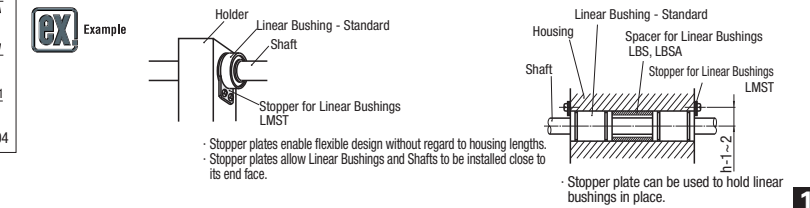
Stoppers for Linear Bushings



Ordering Example
 Part Number
 LMST16

Part Number	Type	External Dimensions					Mounting Hole Dimensions				Reference Dimensions	Mass (g)	Unit Price		
		dr	D1	W	H	B	t	d	P	h				D	F
5		9.6	14	13	12					9	10	11.5	3.5	1.0	
6		11.5	14	14	13	1.0				10	12	15.15	3.85	1.0	
8		14.3	16	16	15					12	15	19.65	4.35	1.1	
10		18	16	18	13					14	19	24.2	4.8	1.1	
12		20	16	19	12.5	1.2				15	21	25.2	5.8	1.1	
13		22	16	20	12					16	23	26.2	5.8	1.1	
16		27	16	25	15.5					20	28	30.15	6.85	1.1	
20		30.5	20	27	15	1.5				22	32	34.65	7.35	2.5	
25		38	20	31	14.5					26	40	48.15	10.85	2.5	
30		43	20	34	14.5					29	45	52.4	11.6	2.5	

◆ Not applicable to Linear Bushing Compact on P.318. ◆ For orders larger than indicated quantity, please request a quotation.



Stoper plates enable flexible design without regard to housing lengths. Stoper plates allow Linear Bushings and Shafts to be installed close to its end face.

Stoper plate can be used to hold linear bushings in place.