Housing Units with Clamp Lever

Tall Blocks - Single/Double, Right/Left Clamp Lever

= For customers selecting MISUMI original specifications =
The part enclosed in the red frame is right lever part of standard specifications.
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

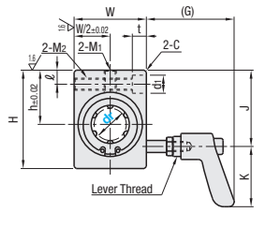
Right Lever, Double

Left Lever, Double

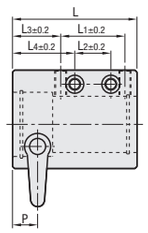
Type					Linear Bushing Used	Housing		Collar / Thread	Clamp Lever	Lever		Lever Thread	Nut	Ambient Operating Temp.
Right Lever		Left Lever				M Material	S Surface Treatment	M Material	(☞P.315)	M Material	S Surface Treatment	M Material	M Material	
Single	Double	Single	Double	(☞P.315)					(☞P.2-1141)					
LHSSC	LHSSWC	LHSLC	LHSLWC	LMU	Aluminum Alloy	Clear Anodize	SUS304	CLFSC	Zinc Diecast	Baked Paint	SUS303	Stainless Steel (SUS)	-20~80°C	

(Housing)

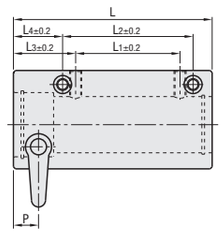
Right Lever

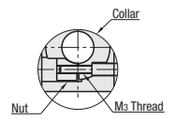


Single

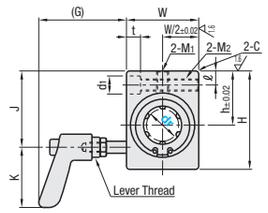


Double

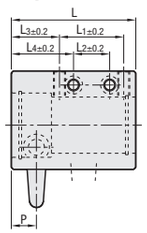




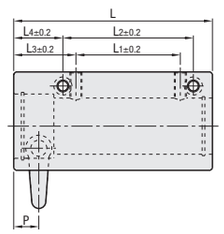
Left Lever

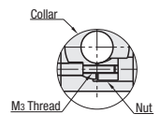


Single



Double





The linear shaft is clamped by the internal nut as the lever is rotated.

Part Number Type	dr	Tolerance Single	Tolerance Double	L Single	L Double	L1 Single	L1 Double	L2 Single	L2 Double	L3 Single	L3 Double	L4 Single	L4 Double	h	W	H	(G)	J	K	P	ℓ	M1 (Effective Length)	M2 (Effective Length)	M3	d1xt	C
LHSSC LHSLC	16	0 -0.009	0 -0.010	62	99	32	52	18	65	24	31	31	24.5	27	36	49	43.7	38	30	12.5	7	M6 (13)	M6 (29)	M4	9x7 (For M5 Screws)	1
	20			67	109	36	58		70	23	33	32	27	31	42	54	40.7	44	30		8	M8 (15)	M8 (34)		11x8 (For M6 Screws)	
LHSSWC LHSLWC	25	0 -0.010	0 -0.012	86	145	42	80	22	100	30.5	41	40.5	31	37	52	65	45.7	53.5	30	13.5	9	M10 (17)	M10 (42)	M5	14x10 (For M8 Screws)	
	30			91	155	44	90		110	32		43		40	58	71	42.7	59	30			M10 (17.5)	M10 (48)			

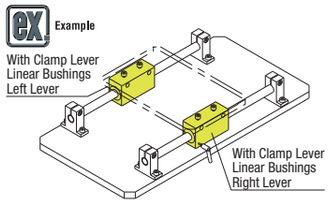
For Precautions for Use, see ☞P.303.
Make certain that the screws do not interfere with the bushing as M1 are through holes. The datum surface is located on the other side of product ID label.

dr	Max. Thrust Load N Greased	Tightening Torque N·m	Basic Load Rating C (Dynamic) N Single	C (Dynamic) N Double	Co (Static) N Single	Co (Static) N Double	Mass (g) Single	Mass (g) Double	Unit Price LHSSC / LHSLC	Unit Price LHSSWC / LHSLWC
16	250	1.5	775	1230	1180	2350	347	526		
20	250	1.5	882	1400	1370	2740	438	686		
25	250	3	980	1560	1570	3140	841	1387		
30	500	3	1570	2490	2740	5490	1015	1689		

kgf=Nx0.101972

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.

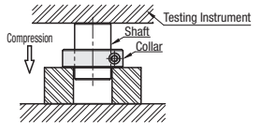
Example



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
LHSSC16
LHSLC16L (L Type Greased)
LHSSC16G (G Type Greased)
LHSLC20H (H Type Greased)

Alternative grease types available.
For Days to Ship, Price and Performance, see ☞P.304.

Housing Units with Clamp Lever

Wide Blocks - Single/Double, Right/Left Clamp Lever

= For customers selecting MISUMI original specifications =
The part enclosed in the red frame is right lever part of standard specifications.
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

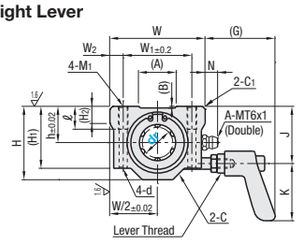
Left Lever, Double

RoHS 10

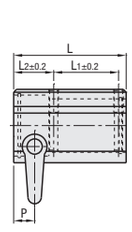
Type					Linear Bushing Used	Housing		Collar / Thread	Clamp Lever	Lever		Lever Thread	Nut	Ambient Operating Temp.
Right Lever		Left Lever				M Material	S Surface Treatment	M Material	(☞P.315)	M Material	S Surface Treatment	M Material	M Material	
Single	Double	Single	Double	(☞P.315)					(☞P.2-1141)					
LHBBC	LHBBWC	LHBLC	LHBLWC	LMU	Aluminum Alloy	Clear Anodize	SUS304	CLFSC	Zinc Diecast	Baked Paint	SUS303	Stainless Steel (SUS)	-20~80°C	

(Housing)

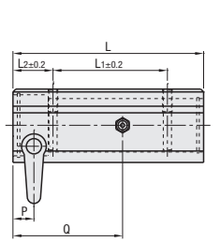
Right Lever

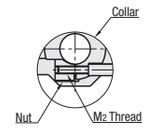


Single

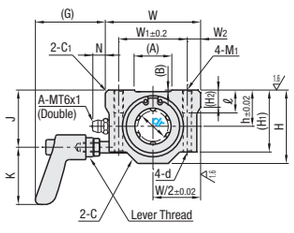


Double

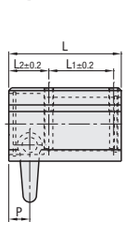




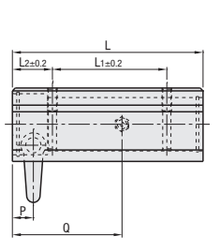
Left Lever

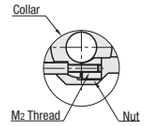


Single



Double





The linear shaft is clamped by the internal nut as the lever is rotated.

Part Number Type	dr	Tolerance Single	Tolerance Double	L Single	L Double	L1 Single	L1 Double	L2 Single	L2 Double	h	H	(H1)	(H2)	W	W1	W2	M1	M2	d	ℓ	(A)	(B)	(G)	J	K	P	N*	Q*	C	C1
LHBBC LHBLC	16	0 -0.009	0 -0.010	59	100	34	60	21	21	19	38.5	32.5	9	50	36	7	M5	M4	4.3	12	19.8	0.85	36.7	30	30	11	6.5	57.5	6	1.5
	20			69	111	40	70	24	23	21	41	35	11	54	40		M6		5.2		21	0.5	34.7	34		11.5	7.5	63	6	1.5
LHBBWC LHBLWC	25	0 -0.010	0 -0.012	85	148	50	100	26.5	27	26	51.5	42	12	76	54	11	M8	M5	7	18	36	1	33.7	42.5		13.5	4.5	83	9.5	1.5
	30			90	158	58	110	25	27	30	59.5	49	15	78	58	10					39.9	0.75	32.7	49			5.5	88	10.5	1.5

For Precautions for Use, see ☞P.303.
Make certain that the screws do not interfere with the bushing as M1 are through holes. The datum surface is located on the other side of product ID label.

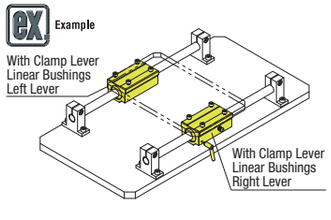
* Only available for Double Type.

dr	Max. Thrust Load N Greased	Tightening Torque N·m	Basic Load Rating C (Dynamic) N Single	C (Dynamic) N Double	Co (Static) N Single	Co (Static) N Double	Mass (g) Single	Mass (g) Double	Unit Price LHBBC / LHBLC	Unit Price LHBBWC / LHBLWC
16	250	1.5	775	1230	1180	2350	358	538		
20	250	1.5	882	1400	1370	2740	420	725		
25	250	3	980	1560	1570	3140	865	1465		
30	500	3	1570	2490	2740	5490	1039	1784		

kgf=Nx0.101972

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.

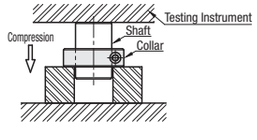
Example



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
LHBBC16
LHBLC20L (L Type Greased)
LHBBC16G (G Type Greased)
LHBLC20H (H Type Greased)

Alternative grease types available.
For Days to Ship, Price and Performance, see ☞P.304.