

LA SERIES

LEVER HANDLE LOCKS

LA



Easy to operate, secure lever handle mortise locks.

■ Strong, durable lever handle locks

In addition to easy to operate lever handle locks, the LA series provides the same outstanding strength and durability as the MA series.

■ A wide variety of lever handle types

A wide range of lever handles is available in aluminum alloy, stainless steel and cast brass. Lever handles made of aluminum alloy and stainless steel can be colored. (See page 26-31.)

■ Escutcheons also available

A wide variety of escutcheons is also available. (See page 32, 35.)

■ Easy installation of lever handles with no play

Installation of lever handles is easy and the design assures almost no play between the lever, lever shaft and case.

■ Single-side handle type: LA* - □ H

This model is used when a handle is installed on one side only and is suitable for steel doors only. Both left hand and right hand models are available. Please specify door hand when placing order. (See page 17 for notational conventions for right and left hand models.)

■ Automatic locking type: LAT* - 2A

The door locks automatically (backset: 51 and 64 mm only). Note that the dimensions of the case depth and washers are different from those of LA* - □. (See page 47.) Lever handle types 40, 41, 63, 65 and 67 are not mountable. For type 66, only the washer type is mountable.

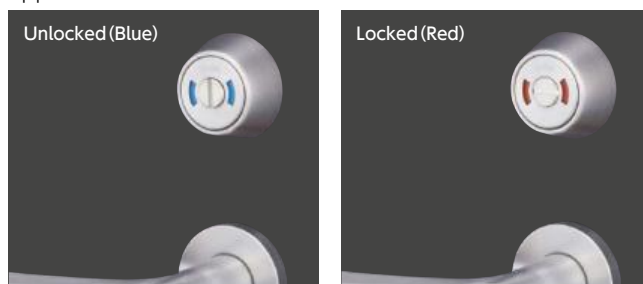
■ Large-size AH thumb-turn also available

See page 218 for details.

■ Please use DA series (see page 120) as an auxiliary lock, the same key operation as LA series.

■ Emergency opening device and indicator: LA* - 8

Since this model has a red indicator showing that the room is occupied and an emergency opening device that allows you to unlock the door from the outside using a coin, it is suitable for bathrooms, powder rooms, and other such applications.



■ Dummy cylinder Type LA.DY

A dummy cylinder can be covered existing cylinder -thumb-turn hole.

Please write a "D" at the end of the unit code when ordering the set.

Example: Model LA* - 2D



■ L-front plate to guard the attack on the deadbolt

A front plate with a guard function that protects the deadbolt. It hides the deadbolt from the outside, preventing a direct attack on the deadbolt.



■ X-ray shielding type LA * - □ X

Using lead-containing liner to reduce X-ray leakage from the cut-out of the door. Suitable to use at the X-ray room. (Only the back set 51mm or more) can not be used the lever handle 65 type.

■ Single-sided fixed handle or blank rose used for single-sided handle is also available (refer to page 193).

Type : LO · BR1 (single-sided fixed handle)
 LO · BR2 (single-sided handle)

■ Water prevention type

This lock has water prevention function to prevent flooding in the room.

Water prevention parts are attached with inside lever handle and thumb-turn.

Please contact us for more details.

Note1: Door thickness is limited to 40mm and lever handle design is only 50 type ST finish.

Note2: Water prevention capability depends on the performance of the door.



Functions

Mountable cylinder	Model	Outside	Sketch	Inside	Applications
U9 PR(-J) LB(-J) JN	LA*-1	Cylinder Lever handle		Thumb-turn Lever handle	Entryways, offices, consultation rooms, sickrooms
U9 PR(-J) LB(-J) JN	LA*-2	Cylinder Lever handle		None Lever handle	Machine rooms, equipment rooms, inspection doors, ware houses
	LA*-3	None Lever handle		Thumb-turn Lever handle	Terraces, partitions, others
U9 PR(-J) LB(-J) JN	LA*-4	Cylinder Lever handle		Cylinder Lever handle	Evacuation doors
	LA*-5	Thumb-turn Lever handle		Thumb-turn Lever handle	Evacuation doors
	LA*-0	None Lever handle		None Lever handle	Partitions, others
	LA*-6	Emergency device Lever handle		Thumb-turn Lever handle	Toilets, bathrooms, powder rooms
	LA*-8	Emergency device with indicator Lever handle		Thumb-turn Lever handle	Toilets, bathrooms, powder rooms

Note1: indicates lever handle designs : 18 · 19 · 20 · 21 · 22 · 23 · 29 · 31 · 32 · 33 · 34 · 35 · 40 · 41 · 50 · 51 · 52 · 53 · 55 · 56 · 57 · 63 · 64 · 65 · 66 · 67 · 68 · 69 · 74 · 342 · 346 · 356 · 373 · 391 · 411 · 414 · 420 · 421 · 430 · 431 · 432 · 472. For type 66, round rose type is standard.

Models 40 and 41 are suitable for lightweight wooden doors. And model 460 are suitable for interior doors.

63 · 65 · 67 · 391 type : Please install the over 51mm backset lock case.

29 · 411 type : Please install the over 64mm backset lock case.

Note2: LB cylinder is suitable for 38mm or larger backset lock case.

Note3: Please write a "D" at the end of the unit code when ordering the set.

Model example: Type LA*-2D.

Materials and finishes

Materials and finishes	Model	18	19	20	21	22	23	29	31	32	33	34	35	40	41	50	51	52	53	55	56	57	63	64	65	66	67	68	69	74	342	346	356	373	391	411	414	420	421	430	431	432	472					
Aluminum alloy SV			●	●	●	●	●	●	●	●	●	●	●										●		●							●	●	●	●	●												
Aluminum alloy CB			●	●	●	●	●	●	●	●	●	●	●										●		●								●	●	●	●	●											
Aluminum alloy GD			●	●	●	●	●	●	●	●	●	●	●										●		●								●	●	●	●	●											
Stainless steel ST								●	●	●	●	●	●										●		●								●	●	●	●	●											
Stainless steel SB								●	●	●	●	●	●										●		●								●	●	●	●	●											
Stainless steel CB								●	●	●	●	●	●										●		●								●	●	●	●	●											
Stainless steel CD								●	●	●	●	●	●										●		●								●	●	●	●	●											
Brass BS								●																	●								●	●	●	●	●											
Brass YB								●																	●								●	●	●	●	●											
Brass SC																										●								●	●	●	●	●										
Brass CR																										●								●	●	●	●	●										
Wood		●	●																								●								●													
ABS resin														●	●																																	

(Refer to pages 26~31 for colors)

Specifications

Backset (mm)	31 · 38 · 51 · 64 · 76 · 100
Spacing (mm)	80
Door thickness range (mm)	29~33 · 33~42 · 42~50 · 50~58 · 58~66

LAM

SERIES

LEVER HANDLE LOCKS (with anti-friction function)



Type U9LAM50-1 (ST)

LAM

Lever handle locks equipped with anti-friction latch.

■ Door opening and closing is smooth and quiet. Achieved a certain closing by light latching force.

■ Security thumb-turn is also available.

Please contact us for more details.

■ Model LAM*-□□H (single-side handle type)

This model is used when a handle is installed on only one side. Both left-hand and right-hand models are available. This model is suitable for use with steel doors only.

■ An optional emergency opening device is available.

This lock can be opened in case of emergency by removing the cover and turning the green lever inside without the use of a key. Available in a removable cover type (reusable plastic cover) and a breakable cover type.



■ Dummy cylinder type LA.DY(refer to page 42)

A dummy cylinder can be covered existing cylinder -thumb-turn hole.

Please write a "D" at the end of the unit code when ordering the set.

Example: Model LAM*-2D

■ Optional emergency opening device cover Model LAM*-1M

This cylindrical cover is attached over a thumb-turn unit. Break the cover in an emergency to access the thumb-turn. This model can be unlocked by breaking the cover and turning the thumb-turn in case of an emergency.

Specifications

Mountable cylinder	U9 · PR(-J) · LB(-J) · JN
Function ^(note)	LAM-1, 2, 3, 4, 5, 6, 8, 0
Backset (mm)	64 · 76
Door thickness range (mm)	29 ~ 33 · 33 ~ 42 · 42 ~ 50 · 50 ~ 58 58 ~ 66
Dead bolt stroke (mm)	21 only
Right or left hand	Common (There is a distinction between right and left of the lever handle.)

Materials and Finishes

Models	Stainless steel			
	ST	SB	CB	CD
50	●	●	●	●
51	●	●	●	●
52	●	●	●	●
53	●	●	●	●
55	●	●	●	●
56	●	●	●	●
57	●	●	●	●
64	●	●	●	●
66	●	●	●	●
346	●	●	●	●
414	●	●	●	●
421	●	●		
430		●		
431		●		
432		●		
472	●	●	●	●

(Refer to pages 27~31 for colors)