

Material/Finish

	LUDMS-LW
Lever Part	Nylon 6 (Various Color)
Thread Part	SUS303
Plain Washer	SUS303
Setscrew	Stainless Steel
Serration Ring	Zinc Die Cast
Spring	Stainless Steel Wire



- Double arm type plastic clamp lever with plain washer.
- Plain washers are built into the relief cut section to prevent them from falling off. This also eliminates the need to mount washers.
- The outside diameter of the plain washer is about 3 times the screw diameter. This provides a sufficient seating surface for the tightening area.
- Suitable for tightening resin components or slotted components where the seating surface pressure cannot be increased.
- Designed to incorporate the 7 principles of Universal Design. The shape allows easy operation and application of force.
- Universal Design → P.xxxx
- Rotating radius is about half that of conventional plastic clamp levers. Space-saving.
- The zinc die cast serration ring is inserted into the plastic lever main unit. It achieves sufficient fitting strength with the metal screw serrations.
- Five color variations support the color universal design of machines and devices. Two-tone color: dark gray and various colors.
- Lever part colors can be selected by the end symbol of the part number.

End Symbol	Lever Part Color
BK	Matte Black
SG	Matte Silver
OR	Matte Orange
BL	Matte Blue
YW	Matte Yellow

Dimensions

Part Number	W	M (Coarse)		H	H'	h	s	T	D	d	Dw	tw	s1	Tooth No.	Max.*1 Load (N)	Max.*1 Clamping Force (kN)	Mass (g)
		Nominal of Thread	Pitch														
LUDMS-52-5-LW20	52	M5	0.8	23.5	27	24.5	1.5	15.4	14	10	20	2	4	18	72	2.7	22 - 27
LUDMS-52-6-LW20	52	M6	1	23.5	27	24.5	1.5	15.4	14	10	20	2	5	18	120	3.8	23 - 29
LUDMS-67-8-LW25	67	M8	1.25	30	34	31	2	20.8	19	13.5	25	3	6	24	230	7	52 - 66
LUDMS-78-10-LW30	78	M10	1.5	35	39	36	2	24.3	22	16	30	3	7	26	390	11	83 - 113

*1: About the definition of max. load / max. clamping force → P.xxxx

Part number specification

LUDMS-52-6-25-LW20-YW

1 2 1 3

For 2 screw length Lm, select from the sizes marked with ● in the table.

Cleanroom Wash & Packaging → P.xxxx	Screw Combination → P.xxxx	Screw Length Adjustment → P.xxxx	Vibration Resistant → P.xxxx	Laser Marking → P.xxxx
Not Available	Not Available	Available / Add'l charge	Not Available	Available / Add'l charge

Precautions for Use

Before tightening the lever, make sure that the plain washers are located at the relief cut section as shown in Fig. 1. Tightening the plain washer while hooked on the screw thread as shown in Fig. 2 may cause the plain washer to be deformed.

Fig. 1

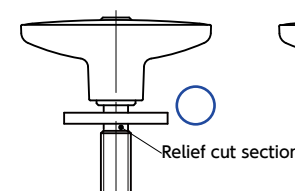
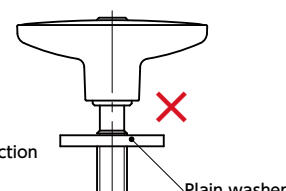


Fig. 2



Usage example

For tightening slotted components.



Part Number	Lm (mm)								
	12	16	20	25	32	40	50	63	80
LUDMS-52-5-LW20	●	●	●	●	●	●	●		
LUDMS-52-6-LW20	●	●	●	●	●	●	●		
LUDMS-67-8-LW25		●	●	●	●	●	●	●	
LUDMS-78-10-LW30			●	●	●	●	●	●	●