

Clamp Levers

Baked Paint Finish

Clamp Levers – Baked Paint Finish

Type		L Dimension	Lever		Screw		Spring
Threaded	Tapped		Material	Surface Treatment	Material	Surface Treatment	Material
CLDM	CLDF	L Dimension Selectable	Zinc Die Casting	Baked Paint Finish	12L14 Carbon Steel	Black Chromate	304 Stainless Steel
CLMD	CLDFM				1045 Carbon Steel or Equivalent	Electroless Nickel Plating	
CLMS	CLFS				303 Stainless Steel	—	
CLMSF	—	L Dimension Configurable					

Threaded
CLDM
Thread: Black Chromate

CLMD
Thread: Electroless Nickel Plating

CLMS
Thread: Stainless Steel

L Dimension Configurable
CLMSF
Thread: Stainless Steel

Tapped
CLDF
Thread: Black Chromate

CLDFM
Thread: Electroless Nickel Plating

CLFS
Thread: Stainless Steel

RoHS 10

Hex Socket B is created for the Levers production only. It is not a socket used for the Levers installation.

M	R	H	H ₁	(h)	S	D	d	Number of Serrated Teeth	B	Max. Load F _{max} (N)			Max. Tightening Force P _{max} (kN)			Reference Mass (g)	
										12L14 Carbon Steel	303 Stainless Steel	1045 Carbon Steel or Equivalent	12L14 Carbon Steel	303 Stainless Steel	1045 Carbon Steel or Equivalent	Threaded	Tapped
4	45	35	38.5	25.8	4	13	10	16	3	55	48	80	2.0	1.8	3.0	33	31
5										74	65	108	3.3	2.9	4.8	34	31
6										126	110	184	4.7	4.1	6.8	40	30
8	63.5	45	48.5	32.3	7	17.5	14	20	4	217	189	316	8.6	7.5	12.5	70	73
10	78.5	54	58	37.6	8	21	16	24	4	347	303	507	13.6	11.8	19.8	152	113
12	93	67.5	71.5	45.6	14	24	19	28	4	511	446	746	19.8	17.2	28.9	220	174

Part Number	M	L Selection	Lever Color
Threaded CLDM CLMS CLMD	4	(8) 12 16 20 25 *(32)	B Black
	5	(8) 12 16 20 25 32 *(40)	M Orange
	6	(8) 12 16 20 25 32 (40) *(50)	S Silver Gray
	8	16 20 25 32 40 (50)	R Red
	10	20 25 32 40 50 (63)	Y Yellow
	12	25 32 40 50 (63)	

Part Number	M	L Dimension Configurable Specify in 1mm Increment	Lever Color
L Dimension Configurable CLMSF	4	12-25	B Black
	5	12-32	M Orange
	6	12-32	S Silver Gray
	8	16-40	R Red
	10	20-50	Y Yellow
	12	25-50	

*marked units have incomplete thread section of 10 mm or less, other units are 3.5 mm or less.
 Dimensions in () are applicable to CLDM only. *marked items are applicable to S (silver gray) only.

Part Number	M	L	Lever Color
Tapped CLDF CLFS CLDFM	4	7	B Black
	5		M Orange
	6		S Silver Gray
	8		R Red
	10		Y Yellow
	12		17

Part Number Example

Part Number	-	L	-	Lever Color
CLDM8	-	40	-	B
CLDF8	-	10	-	S

Application Example

How to Use

- To unlock the Clamp, disengage the serrations by pulling up on the lever.
- Turn the unlocked lever to desired position.
- When the lever is released, the return spring automatically engages serrations and locks again.

Clamp Levers

Stainless Steel / Zinc Die Casting / Chrome Plating / Nickel Plating

Clamp Levers – Stainless Steel / Zinc Die Casting / Chrome Plating / Nickel Plating

Type		Material	Lever		Screw	Spring
Threaded	Tapped		Surface Treatment	Material	Material	
SCLDM	SCLDF	CF-8 Stainless Steel Cast	Buff Polished	303 Stainless Steel	304 Stainless Steel	
CLCM	CLCF		Chrome Plating / Chrome Over Satin Nickel			
CLCMD	—	Zinc Die Casting	Copper Plating + Nickel Plating			

Chrome over Satin Nickel Plating is a non-gloss finish.
 CLCMD has a label for identification.

Threaded
SCLDM
Stainless Steel

CLCM
Thread: Stainless Steel

CLCMD
Thread: Stainless Steel

Tapped
SCLDF
Stainless Steel

CLCF
Thread: Stainless Steel

RoHS 10

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M	R	H	H ₁	(h)	S	D	d	Number of Serrated Teeth	B	Max. Load F _{max} (N)	Max. Tightening Force P _{max} (kN)	Reference Mass (g)	
												Threaded	Tapped
4	45	35	38.5	25.8	4	13	10	16	3	48	1.8	33	31
5										65	2.9	34	31
6										110	4.1	40	30
8	63.5	45	48.5	32.3	7	17.5	14	20	4	189	7.5	70	73
10	78.5	54	58	37.6	8	21	16	24	4	303	11.8	152	113
12	93	67.5	71.5	45.6	14	24	19	28	4	446	17.2	220	174

Buff Finished (Stainless Steel)

Type	Part Number	M	L Selection				
			Threaded SCLDM	4	12	16	20
5	12	16		20	25	32	
6	12	16		20	25	32	

Type	Part Number	M	L
5			
6			

Chrome Plating / Chrome over Satin Nickel

Type	Part Number	M	L Selection					Lever Color
			Threaded CLCM	4	12	16	20	
5	12	16		20	25	32		
6	12	16		20	25	32		
8	16	20		25	32	40		
10	20	25		32	40	50		
12	25	32		40	50			

Type	Part Number	M	L	Lever Color
6				
8				
10				
14				
17				

Copper Plating + Nickel Plating

Type	Part Number	M	L Selection					Lever Color
			Threaded CLCMD	4	12	16	20	
5	12	16		20	25	32		
6	12	16		20	25	32		

Since CLCMD is nickel-plated over the copper base, the lever part is antistatic.

Part Number Example

Part Number	-	L	-	Lever Color
CLCM8	-	20	-	SC
CLCMD6	-	25	-	NC