

Clamp Levers with Push Button / with Pad / with SR Tip

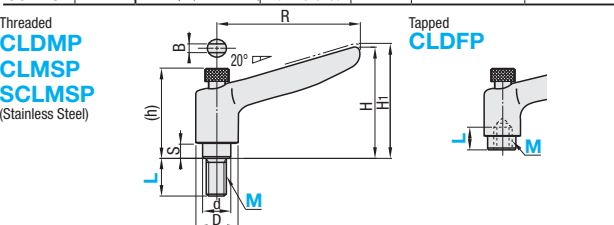
Plastic Clamp Levers / Miniature Plastic Clamp Levers

■ Features: Serrations can be disengaged easily by pushing the screw head.

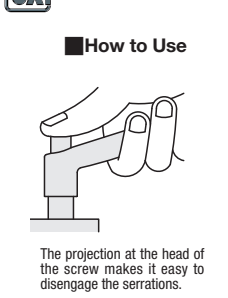
■ Clamp Levers with Push Button



Type	Lever		Screw		Spring
	Threaded	Tapped	M Material	S Surface Treatment	
CLDMP	CLDFP		Zinc Die Casting	Electrostatic Paint	EN 1.4301 (WPB) Equiv.
CLMSP			EN 1.1191 Equiv.	Black Oxide	
SCLMSP			EN 1.4305 Equiv.		
			EN 1.4308 Equiv. (Stainless Cast Steel)	Buff Polished	EN 1.4305 Equiv.



■ How to Use



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)
4	45	33	35.5	30	4	13	10	16	1.3	48	1.8	40
5										65	2.9	40
6										110	4.1	41
8	63	44	49	40	5.5	17.5	14	20	1.3	189	7.5	70

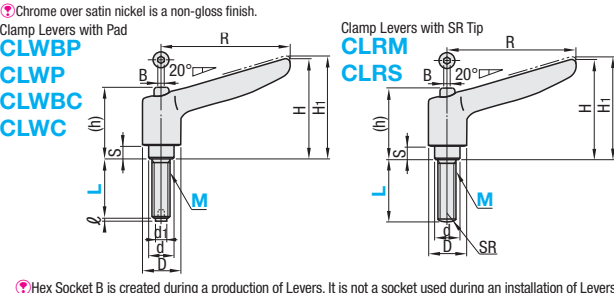
Part Number		L Selection		Lever Color	Unit Price		Part Number		L Selection		Lever Color	Unit Price	
Type	M				CLMSP	CLDMP	Type	M				CLDFP	
Threaded	4	16	20	25			4				B (Black)		
SCLMSP	5	12	16	20	25	32	5				M (Orange)		
CLDMP	6	12	16	20	25	32	6				S (Silver Gray)		
CLMSP	*8	16	20	25	32	40	*8						

* M8 is not available for SCLMSP.

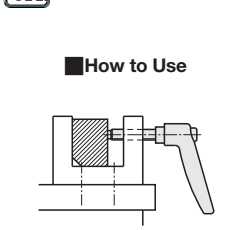
■ Clamp Levers with Pad, Clamp Levers with SR Tip



Type	Shape	Screw		Pad	Spring	Lever	
		M Material	S Surface Treatment			M Material	S Surface Treatment
CLRM	CLWBP	EN 1.0715 Equiv.	Black Chromate	Polyacetal (White)	EN 1.4301 (WPB) Equiv.	Zinc Die Casting	Select from the followings.
CLRS	CLWP	EN 1.4305 Equiv.	-	-			
	CLWBC	EN 1.0718 Equiv.	Black Chromate	Free-Cutting Brass (EN OW614N Equiv.)			
	CLWC	EN 1.4305 Equiv.	-	-			



■ How to Use



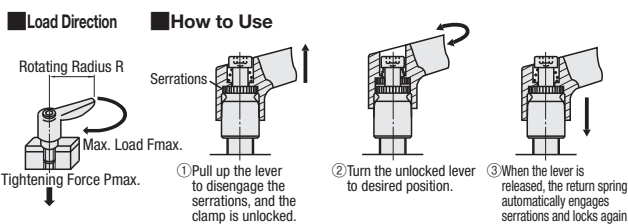
M	R	H	H ₁	(h)	S	D	d	d ₁	SR	ℓ	Number of Serrated Teeth	B	* Max. Load F _{max} (N)	* Max. Tightening Force P _{max} (kN)	Reference Mass (g)
5	45	35	38.5	25.8	4	13	10	3	5	1	16	3	74	3.3	34
6								4	6				126	4.7	40
8	63.5	45	48.5	32.3	7	17.5	14	6	8	2	20	4	217	8.6	70
10	78.5	54	58	37.6	8	21	16	8	10		24		347	13.6	152

* Max. Load / Max. Tightening Force indicates axial force for screws (M). Pads may break if tightened with the max. clamping strength.

⚠ The Clamp Lever with SR Tip has less contact area with workpiece; therefore misalignment can be avoided when tightening the screws.

Part Number		L Selection		Lever Color	Unit Price			
Type	M				CLWBP	CLWP	CLWBC	CLRS
With Pad	5	12	16	20	25	32		
CLWBP (Polyacetal)	6	12	16	20	25	32		
CLWP (Polyacetal)	8	16	20	25	32	40		
CLWBC (Free-Cutting Brass)	10							
CLWC (Free-Cutting Brass)								

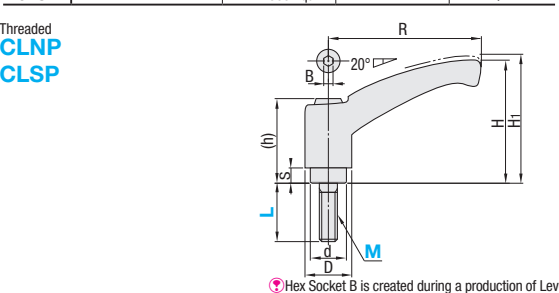
Ordering Example	Part Number	-	L	-	Lever Color
	CLDMP5	-	12	-	B
	CLDFP4	-	7	-	M
	CLWP8	-	20	-	M
	CLRM10	-	20	-	S



■ Plastic Clamp Levers



Type	Lever		Screw		Spring
	M Material	S Surface Treatment	M Material	S Surface Treatment	
CLNP	Nylon 6 (Mat Black)	EN 1.0715 Equiv.	Black Oxide	EN 1.4301 (WPB) Equiv.	
CLSP		EN 1.4305 Equiv.			



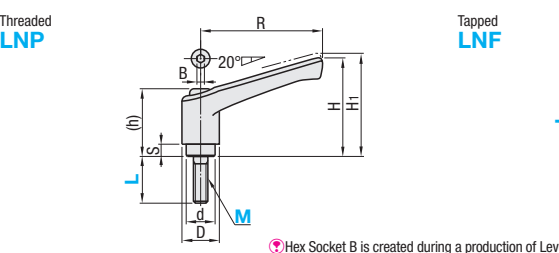
⚠ Hex Socket B is created during a production of Levers. It is not a socket used during an installation of Levers.

Part Number		L Selection		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)	Unit Price	
Type	M															CLNP	CLSP
CLNP	4	12	16	20	25								21	1.7	18		
	5	12	16	20	25	32							42	2.7			
	6	12	16	20	25	32	40						70	3.8	20		
	8	16	20	25	32	40	50						120	7	40		
	10												200	11	80		
CLSP	12												290	16	120		

■ Plastic Clamp Levers



Type	Lever		Screw		Spring
	Threaded	Tapped	M Material	S Surface Treatment	
LNP	LNF		Nylon 6 (Mat Black)	EN 1.0715 Equiv.	Black Oxide
			EN 1.4301 (WPB) Equiv.		



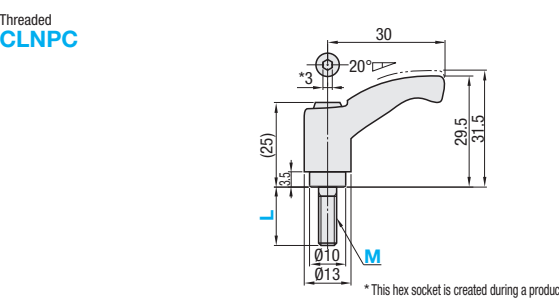
⚠ Hex Socket B is created during a production of Levers. It is not a socket used during an installation of Levers.

Part Number		L Selection		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)	Unit Price	
Type	M															Threaded	Tapped
Threaded LNP	4	12	16	20	25								21	1.7	18		
	5	12	16	20	25	32							42	2.7			
	6	12	16	20	25	32	40						70	3.8	20		
	8	16	20	25	32	40	50						120	7	40		
	10												200	11	80		
Tapped LNF	12												290	16	120		

■ Miniature Plastic Clamp Levers



Type	Lever		Screw		Spring
	M Material	S Surface Treatment	M Material	S Surface Treatment	
CLNPC	Nylon 6 (Mat Black)	EN 1.0715 Equiv.	Black Oxide	EN 1.4301 (WPB) Equiv.	



* This hex socket is created during a production of Levers. It is not a socket used during an installation of Levers.

Part Number		L Selection		Number of Serrated Teeth	Max. Load F _{max} (N)	Max. Tightening Force P _{max} (kN)	Reference Mass (g)	Unit Price
Type	M							
Threaded CLNPC	4	12	16	20	25			
	5	12	16	20	25	32		
	6	12	16	20	25	32	40	

Ordering Example	Part Number	-	L
	CLNP4	-	12
	LNP8	-	20
	LNF10	-	14
	CLNPC4	-	12