

Miniature Clamp Levers / Flat Clamp Levers

Y-Shaped Clamp Levers / Wing-Shaped Clamp Levers / Clamp Levers with Captured Washer

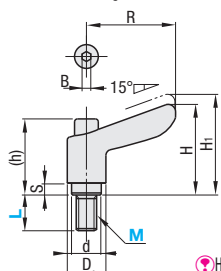
Miniature Clamp Levers



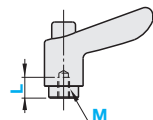
Type		Lever		Screw		Spring
Threaded	Tapped	Material	Surface Treatment	Material	Surface Treatment	Material
CLDMC	CLDFC	Zinc Die Casting	Baked Paint	EN 1.1191 Equiv.	Black Oxide	EN 1.4301 (WPB) Equiv.
CLMSC	CLFSC		EN 1.4305 Equiv.	-		
CLCMC	CLCFC		Chrome Plating, Chrome over Satin Nickel	-		

⚠ Chrome over satin nickel is a non-gloss finish.

Threaded
CLDMC
CLMSC
CLCMC



Tapped
CLDFC
CLFSC
CLCFC



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

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)	
										EN 1.4305 Equiv.	EN 1.1191 Equiv.	EN 1.4305 Equiv.	EN 1.1191 Equiv.	Threaded	Tapped
4	30	29	32.5	25.8	4	13	10	16	3	48	80	1.8	3.0	25	23
5										65	108	2.9	4.8	26	24
6										110	184	4.1	6.8	32	30
8	42	40	43.5	32.3	7	17.5	14	20	4	189	316	7.5	12.5	60	-

Part Number	L Selection	Lever Color	Unit Price	Part Number	L Selection	Lever Color	Unit Price
Type	M			Type	M		
Threaded CLDMC CLMSC CLCMC	4	*8 12 16 20 25		Tapped CLDFC CLFSC CLCFC	4	B (Black) M (Orange) S (Silver Grey) R (Red) Y (Yellow)	
	5	*8 12 16 20 25 32			5	C (Chrome Plating) SC (Satin Nickel Chrome Plating)	
	6	*8 12 16 20 25 32			6		
	*8	16 20 25 32					

⚠ Red and yellow are not available for M8 and L8 size levers. ⚠ M8 is not applicable to CLCMC

■ Features: Suitable for use without interfering when upper space is narrow.

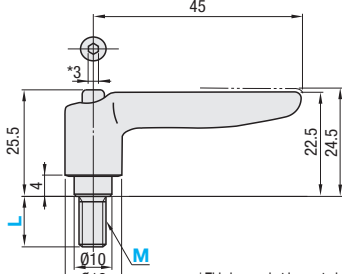
Flat Clamp Levers



Type	Lever		Screw		Spring
	M Material	S Surface Treatment	M Material	S Surface Treatment	M Material
CLDMT	Zinc Die Casting	Electrostatic Paint	EN 1.1191 Equiv.	Black Oxide	EN 1.4301 (WPB) Equiv.
CLMST			EN 1.4305 Equiv.	-	

⚠ 16 teeth (serrations).

Threaded
CLDMT
CLMST

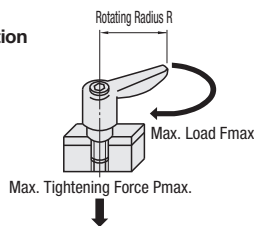


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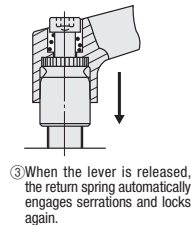
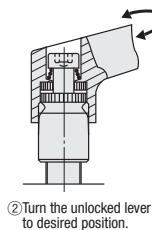
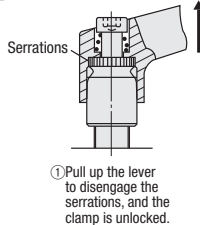
Part Number		L					Lever Color		Max. Load Fmax. (N)		Max. Tightening Force Pmax. (kN)		Reference		Unit Price	
Type	M	Selection							EN 1.4305 Equiv.	EN 1.1191 Equiv.	EN 1.4305 Equiv.	EN 1.1191 Equiv.	Mass (g)		CLDMT	CLMST
CLDMT CLMST	4	12	16	20	25		B (Black)		48	80	1.8	3	33			
	5	12	16	20	25	32	M (Orange)		65	108	2.9	4.8	34			
	6	12	16	20	25	32	S (Silver Grey)		110	184	4.1	6.8	40			

Ordering Example: Part Number - L - Lever Color
CLDMC4 - 12 - M
CLDMT4 - 16 - M

Example Load Direction



How to Use



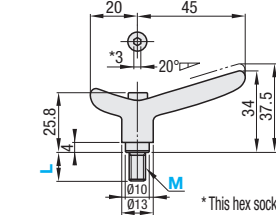
Y-Shaped Clamp Levers



Type	Lever		Screw		Spring
	MMaterial	SSurface Treatment	MMaterial	SSurface Treatment	MMaterial
CLDMY	Zinc Die Casting	Baked Paint	EN 1.1191 Equiv.	Black Oxide	EN 1.4301
CLMSY			EN 1.4305 Equiv.	-	(WPB) Equiv.

⚠ 16 teeth (serrations).

Threaded
CLDMY
CLMSY



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Part Number		L		Lever Color	Max. Load Fmax. (N)		Max. Tightening Force Pmax. (kN)		Reference Mass (g)	Unit Price	
Type	M	Selection			EN 1.4305 Equiv.	EN 1.1191 Equiv.	EN 1.4305 Equiv.	EN 1.1191 Equiv.		CLDMY	CLMSY
CLDMY CLMSY	4	(12	16 (20) 25	B (Black) M (Orange) S (Silver Grey)	48	80	1.8	3	40		
	5	(12	16 20 25 32		65	108	2.9	4.8	40		
	6	12 16 20 25 32	110		184	4.1	6.8	41			

⚠ Dimensions in () are not applicable to CLDMY

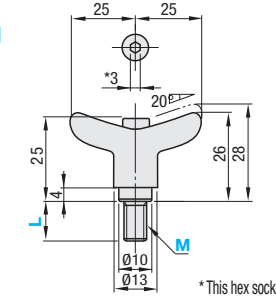
Wing-Shaped Clamp Levers



Type		Lever		Screw		Spring
Threaded	Tapped	M Material	S Surface Treatment	M Material	S Surface Treatment	M Material
CLDMCH	CLDFCH	Zinc Die Casting	Electrostatic Paint	EN 1.1191 Equiv.	Black Oxide	EN 1.4301
CLMSCH	-			EN 1.4305 Equiv.	-	(WPB) Equiv.

⚠ 16 teeth (serrations).

Threaded
CLDMCH
CLMSCH



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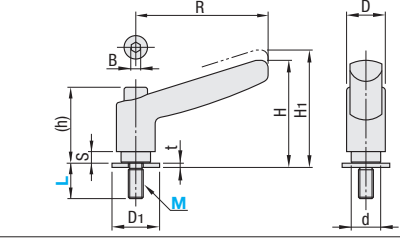
Part Number		L Selection (Threaded)					L1 (Tapped)	Lever Color	Max. Load F _{max} (N)		Max. Tightening Force P _{max} (kN)		Reference Mass (g)		Unit Price		
Type	M								EN 1.4305 Equiv.	EN 1.1191 Equiv.	EN 1.4305 Equiv.	EN 1.1191 Equiv.	Threaded	Tapped	Threaded	Tapped	
Threaded CLDMCH CLMSCH	4	12	16	20	25		7	B (Black) M (Orange) S (Silver Grey)	48	80	1.8	3	32	29			
Tapped CLDFCH	5	12	16	20	25	32			65	108	2.9	4.8	33	29			
	6	12	16	20	25	32			110	184	4.1	6.8	34	29			

Clamp Levers with Captured Washer



Type	Lever		Screw		Spring	Flat Washer	
	MMaterial	SSurface Treatment	MMaterial	SSurface Treatment	MMaterial	MMaterial	SSurface Treatment
CLDMST	Zinc Die Casting	Baked Paint	EN 1.0736 Equiv	Black Chromate	EN 1.4301 (WPB) Equiv	EN 1.1191 Equiv	Electroless Nickel Plating

CLDMST



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Part Number		L Selection	Lever Color	R	H	H ₁	(h)	S	D	d	D ₁	t	Number of Serrated Teeth	B	Max. Load F _{max} (N)	Max. Tightening Force P _{max} (kN)	Reference Mass (g)	Unit Price
Type	M																	
CLDMST	6	12 16 20 25 32	B (Black)	45	36.5	40	25.8	4	13	10	16	1.5	16	3	95	3.6	39	
	8	16 20 25 32 40		63.5	47	50.5	32.3	7	17.5	14	22	2	20	4	171	6.8	90	
	10	20 25 32 40 50		78.5	56.5	60.5	37.6	8	21	16	28	2.5	24	4	221	10.8	182	
	12	25 32 40 50		93	70.5	74.5	45.6	14	24	19	35	3	28	4	277	16.1	227	

Ordering Example: Part Number - L(L1) - Lever Color
CLDMY4 - 16 - S
CLDMCH4 - 12 - M
CLDFCH6 - 7 - B
CLDMST6 - 25 - B