

Flat Tension Levers / Flat Tension Levers with Hex Socket

Tension Levers / Disengaging Tension Levers / Stationary Levers

Flat Tension Levers

Type	Shape	Lever, Thread		Handle	
		Material	Surface Treatment		
LFTM	Standard	Threaded	S45C	Black Oxide (Black)	Phenol Resin (Black)
LFTMF	Tapped	Threaded	S45C	Black Oxide (Black)	Phenol Resin (Black)
LFTMA	Offset	Threaded	SUM22L	-	-

Part Number Type	M	L Selection (Threaded Type only)					Lf	R	H	H1	h	A	B	D	d	Number of Serrated Teeth	Fmax. Max. Load (N)	Pmax. Max. Tightening Force (kN)	Reference Mass (g)		Unit Price	
		8	30	40	50	60													LFTM	LFTMF	LFTM	LFTMF
Threaded LFTM Tapped LFTMF	8	30	40	50	60	18	100	12	16	19	10	25	33	13	22	120	10	185	160			
	10	30	40	50	60	21	130	13.5	17.5	22	12	30	41	19	26	180	16	340	300			
	12	30	40	50	60	27	150	17	22	28	14	35	45	23	36	300	23	350	300			
	16	40	50	60												660	43	580	450			

Part Number Type	M	L Selection					R	H	H1	h	S	A	B	D	d	Number of Serrated Teeth	Fmax. Max. Load (N)	Pmax. Max. Tightening Force (kN)	Reference Mass (g)		Unit Price	
		8	32	40	50	63													LFTMA	LFTMA	LFTMA	LFTMA
Offset LFTMA	8	32	40	50	63	100	12.5	16.5	20.5	1.5	8	20	32	13.5	22	120	10	155				
	10	32	40	50	63	120	15	19	24.5		10	25	36	16	26	180	16	250				
	12	40	50	63		130	16	20.5	26.5	2		30	40	19	30	300	23	350				
	16	40	50	63		145	20	25	31.5		12	32	45	23	36	660	43	520				

Flat Tension Levers with Hex Socket

Type	R Dimension	Shape	Main Body, Lever		Handle	
			Material	Surface Treatment	Material	Surface Treatment
LFTMR	R Dimension Fixed	Threaded	S45C	Cathodic Paint (Black)	Phenol Resin (Black)	-
LFTFRS	R Dimension Fixed	Tapped	SUS303	-	SUS304	Electrolytic Polishing
LFTMRF	R Dimension Configurable	Threaded	S45C	Cathodic Paint (Black)	Phenol Resin (Black)	-

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

Part Number Type	M	L Selection (Threaded Type only)					R (Stationary)	R (10mm Increment LFTMRF only)	Lf	H	H1	h	A	B	b	D	d	Number of Serrated Teeth	Fmax. Max. Load (N)	Pmax. Max. Tightening Force (kN)	Reference Mass (g)		Unit Price		
		8	30	40	50	60															LFTMR	LFTMRF	LFTFRS		
Threaded LFTMR Tapped LFTFRS	8	30	40	50	60	100	80~120	8	12	16	19	10	25	3	33	13	22	120	10	185	250				
	10	30	40	50	60	130	100~150	11	13.5	17.5	22	12	30	5	41	19	26	180	16	340	400				
	12	30	40	50	60	150	120~180	14	17	22	28	14	35		45	23	36	300	23	350	400				
	16	40	50	60														660	43	580	680				

Ordering Example: Part Number - L - R
 LFTM 8 - 30
 LFTMF 8 - 30 - 110
 LFTMRF 8 - 30 - 110

Load Direction

Tension Levers

Type	Lever	Screw		Handle
		Material	Surface Treatment	
Tension Levers TLDM	ALDM	S45C	Black Oxide	Phenol Resin

Part Number Type	M	L Selection					S	S1	d	Number of Serrated Teeth	FMax. Max. Load (N)	Pmax. Max. Tightening Force (kN)	Reference Mass (g)	Unit Price	
		10	30	40	50	60								TLDM	ALDM
TLDM ALDM	10	30	40	50	60	4	9	16	22	300	12	210			
	12	30	40	50	60	3	3	22		420	18	215			
	16	40	50	60							670	33	220		

Ordering Example: Part Number - L
 TLDM10 - 30

Disengaging Tension Levers

Stationary Levers

Handle Type	Ball Knobs	Handle		Lever	
		Material	Surface Treatment	Material	Surface Treatment
LRGN	LBG	(Black) Phenol Resin, (Red) Melamine Resin	SUM23	Matt Chrome Plating (Silver)	-
LRGB	LBGB	-	SUS303	Black Oxide (Black)	-
LRGNS	LBGS	-	SUS303	-	-

Plastic handles/ball knobs are bonded and cannot be removed.

Part Number Type	M (Coarse)	L	Handle Color	L3	d	LRGN, LRGB, LRGNS			LBG, LBGB, LBGS			Reference Mass (g)	Unit Price		
						D1	H1	L1	D2	H2	L2		LRGN	LRGB	LRGNS
Handle Type LRGN LRGB LRGNS	6	63	R (Red)	12	8	17	40	23	20	18	45	25			
								40	20	18	62	32			
								60	20	18	82	40			
	8	100	B (Black)	20	10	21	50	30	25	23	57	65			
								50	25	23	77	65			
								75	25	23	102	81			
Ball Knobs LBG LBGB LBGS	10	125	B (Black)	25	12	25	65	35	30	28	72	97			
								60	30	28	97	119			
								95	30	28	132	149			
	12	160	B (Black)	30	14	28	86	39	35	32	93	163			
								74	35	32	128	205			
								114	35	32	168	253			

The handle color for LRGB and LBGB is black only.

Ordering Example: Part Number - L - Handle Color
 LBGS6 - 63 - R
 LRGB8 - 100 - B