

# Stage Maintenance Parts

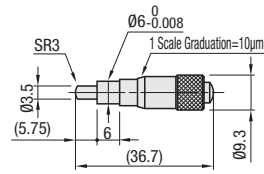
## Micrometer Head

Features: Micrometer head which enables fine adjustment can be ordered separately. Economical MISUMI original products are also available.

### Micrometer Head

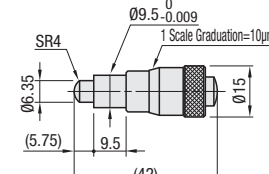
#### MCLN1

(Stroke ±3.25mm)



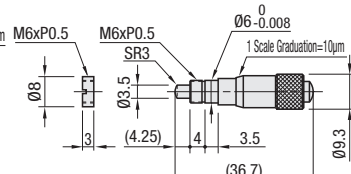
#### MCLN2

(Stroke ±3.25mm)



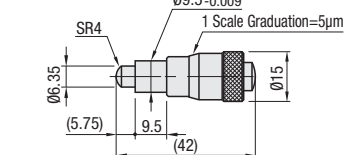
#### MCLN3 (w/ Nut)

(Stroke ±3.25mm)



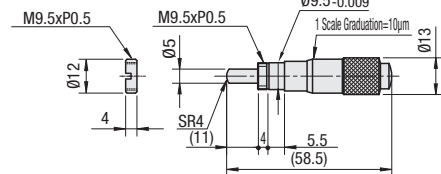
#### MCLN4

(Stroke ±3.25mm)



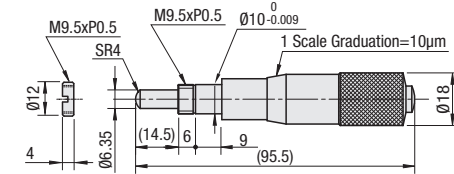
#### MCLN6 (w/ Nut)

(Stroke ±6.5mm)

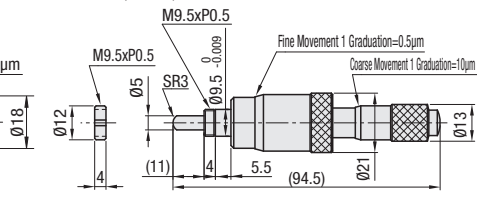


#### MCLN12 (w/ Nut)

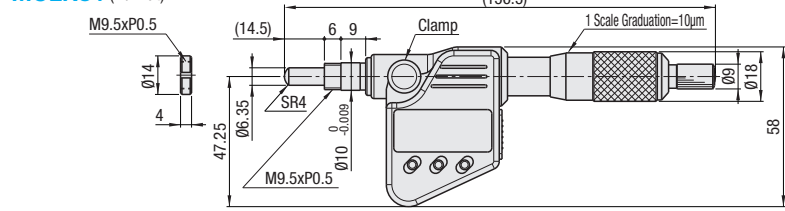
(Stroke ±12.5mm)



#### MCLN83 (w/ Nut)



#### MCLN84 (w/ Nut)



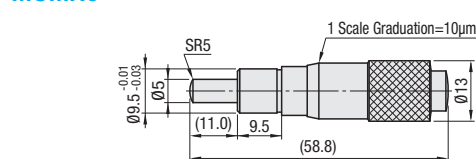
The drawing shows the micrometer in stroke center state.  
Micrometer has a bolt/nut system, so the total length doesn't change.

Material Spindle: SKS, Handle: SUM, Nut/Thread: Low Cadmium Brass

Accessory: Dedicated Wrench (w/ Nut Type only)

### Standard Micrometer Head (MISUMI Original)

#### MCMH6



Type	Spindle	Main Body
	Material	Material Surface Treatment
MCMH	SUS416	SUM43 Trivalent Chromate

Part Number Type	No.	Stroke (mm)	Minimum Graduation (mm)	Travel Distance per Rotation (mm)	Weight (kg)	Unit Price
MCLN	1	±3.25	0.01	0.5	0.01	
	2				0.03	
	3				0.01	
	4	±6.5	0.005	0.25	0.03	
	6				0.09	
MCMH	83	±12.5	0.01	0.5	0.10	
	84	±12.5	0.001	0.5	0.235	
MCMH	6	±6.5	0.01	0.5	0.03	

Ordering Example Part Number MCLN6 MCMH6

# Stage Maintenance Parts

## Feed Screws / Clamp Screws with Levers / Vernier Scale

Features: Precision finished screw/bushing fits minimizes play.

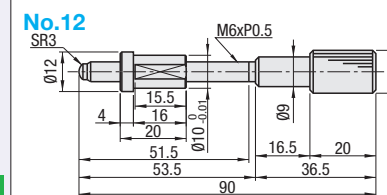
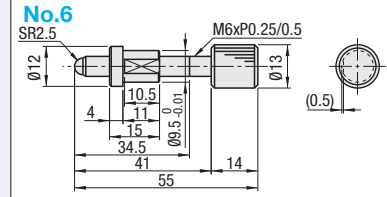
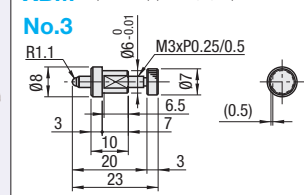
### Feed Screw



RoHS 10

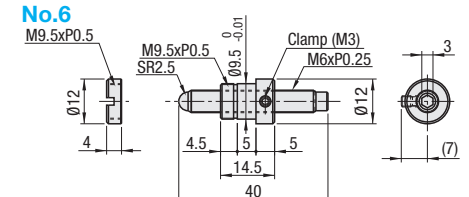
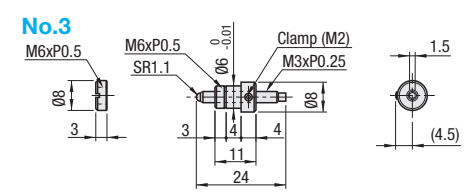
### Knob Type

XBMF (Lead 0.25) (No. =3, 6)  
XBM (Lead 0.5) (No. =3, 6, 12)



### Hex Socket Type

XBRF (Lead 0.25) (No. =3, 6)



Hex Socket Type can be locked with a set screw on the bushing.

Material Screw: SUS303, Nut: Low Cadmium Brass

Feed Screw	Part Number (Lead) Type No.		Stroke	Linear Ball Slide Type / Cross Roller Type Applicable Stage Surface Size	Weight (g)	Part Number Unit Price		Part Number Unit Price		Volume Discount Rate	
	Type	No.				1 ~ 10 pc(s).	Type	No.	1 ~ 2 pc(s).		3 ~ 10 pcs.
With Knob	(0.25) XBMF	3*	±3.2	25 Square	5	XBM	3		XBMF	3	
	(* only)	6*	±6.5	40 ~ 80 square	30		6		XBMF	6	
	(0.5) XBM	12	±12.5	100/120 Square	50		12		XBRF	3	
Hex Socket Head Cap Screw	(0.25) XBRF	3	±3.2	25 Square	5	XBRF	3		XBRF	3	
		6	±6.5	40 ~ 80 square	15		6		XBRF	6	

Ordering Example Part Number XBMF3

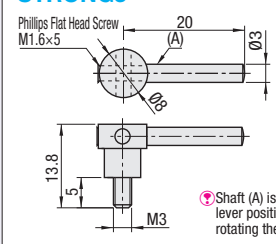
Features: Clamp Screws with Levers. More torque can be applied for clamping compared to the standard clamp screws. Dovetail slide stage clamps can be reinforced.

### Clamp Screws with Levers for Dovetail Stages

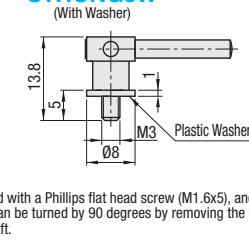


RoHS 10

#### STRONG3

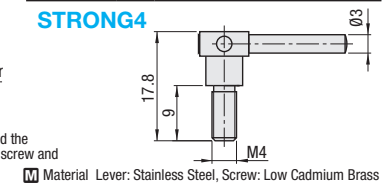


#### STRONG3W (With Washer)



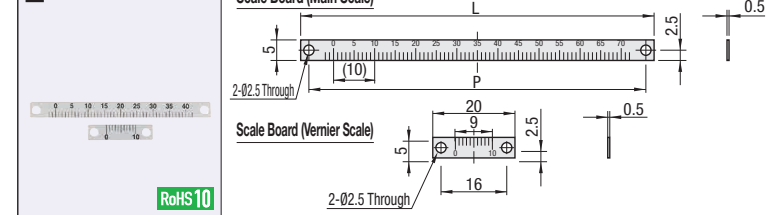
Shaft (A) is fixed with a Phillips flat head screw (M1.6x5), and the lever position can be turned by 90 degrees by removing the screw and rotating the shaft.

Type	No.	Applicable Stage
STRONG	3	XLWG (P1908), XSLC (P1900), XSC (P1899), XSSL (P1902)
	3W	XWG (P1904), XSL (P1900), XSSL (P1901), XSP (P1904), XSB (P1906)
	4	XLONG (P1909)



Material Lever: Stainless Steel, Screw: Low Cadmium Brass

### Vernier Scale



RoHS 10

Type	No.	L	P	Applicable Stage
VNIR	40	36	32	XWG, XYWG, XSL, XSLC, XSC, XSSL, XSSL
	60	56	52	
	90	86	82	
	140	136	132	

Resolution: 0.1mm  
See the XY Stage Overview pages for vernier scale reading instructions. P1890  
Accessory: Cross Recessed Pan Head Screw M2 x 3L (P = 0.4), 4 pcs.

Material: A1050

Ordering Example Part Number STRONG3 VNIR60

Part Number Type	No.	Unit Price	Volume Discount Rate	Part Number Unit Price			
				Type	No.	1 ~ 4 pc(s).	5 ~ 7 pcs.
STRONG	3			VNIR	40		
	3W				60		
	4				90		
					140		

For orders larger than indicated quantity, please request a quotation.