

Stage Maintenance Parts

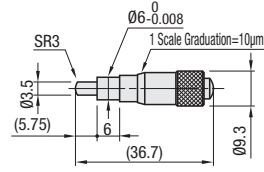
Micrometer Head

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

■ Micrometer Head

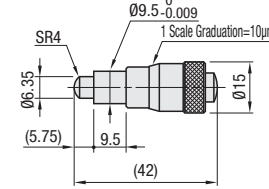
MCLN1

(Stroke ±3.25mm)



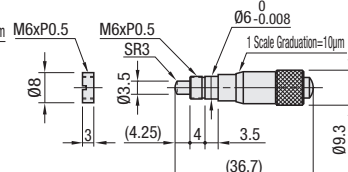
MCLN2

(Stroke ±3.25mm)



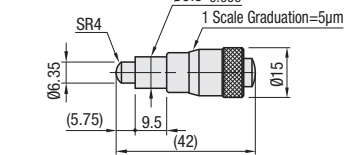
MCLN3 (w/ Nut)

(Stroke ±3.25mm)



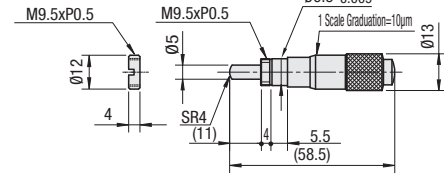
MCLN4

(Stroke ±3.25mm)



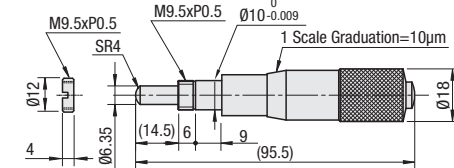
MCLN6 (w/ Nut)

(Stroke ±6.5mm)

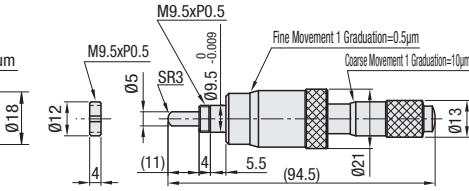


MCLN12 (w/ Nut)

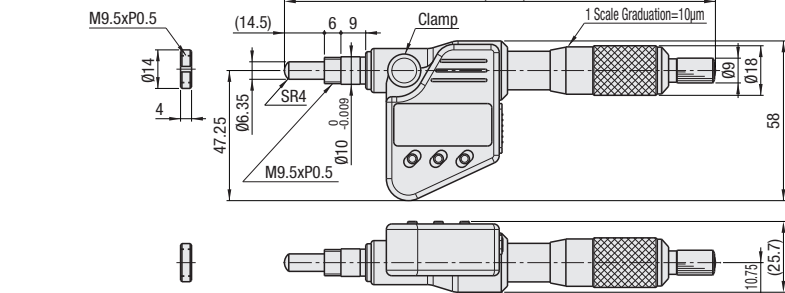
(Stroke ±12.5mm)



MCLN83 (w/ Nut)



MCLN84 (w/ Nut)



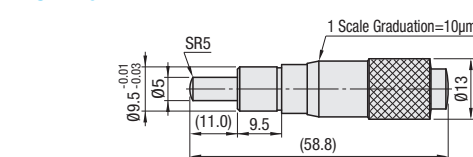
⚠ The drawing shows the micrometer in stroke center state.
⚠ Micrometer has a bolt/nut system, so the total length doesn't change.

Ⓜ Material: Spindle: JIS-SKS (TS for cold work), Handle: Free Cutting Steel, 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	EN 1.4005 Equiv.	EN 1.0762 Equiv. 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				0.005	0.25	0.03
	6				0.01	0.5	0.09
MCLN	12	±12.5	0.01	0.5	0.10		
	83	Coarse Feed ±6.5 Fine Feed 0.2				Coarse Feed 0.01 Fine Feed 0.0005	
MCLN	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.

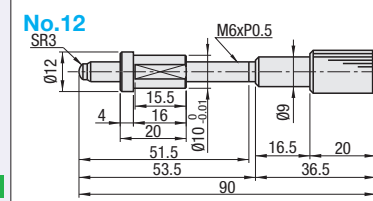
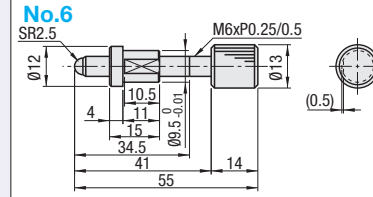
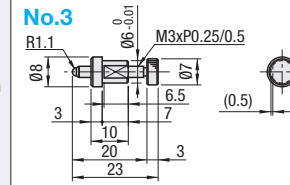
■ Feed Screw



RoHS 10

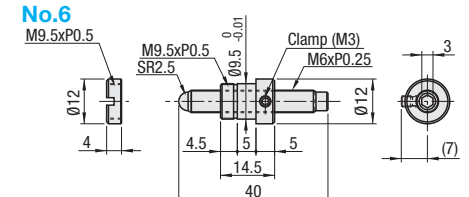
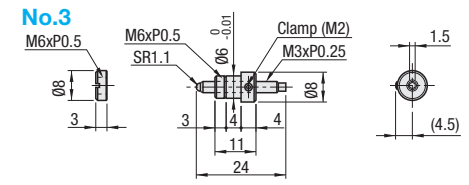
■ Knob Type

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: EN 1.4305 Equiv., Nut: Low Cadmium Brass

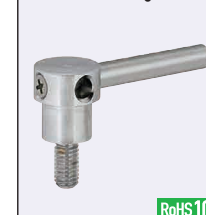
Feed Screw	Part Number		Stroke	Linear Ball Slide Type / Cross Roller Type	Weight (g)	Unit Price		Volume Discount Rate	
	(Lead)	Type				No.	1 ~ 10 pc(s).	Type	No.
With Knob	(0.25)	XBMF	3*	±3.2	25 Square	5	XBM	XBMF	3
	(*)	XBMF	6*	±6.5	40 ~ 80 square	30		XBMF	6
	(0.5)	XBM	12	±12.5	100/120 Square	50		XBMF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

Ordering Example
Part Number
XBMF3

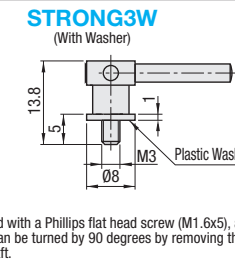
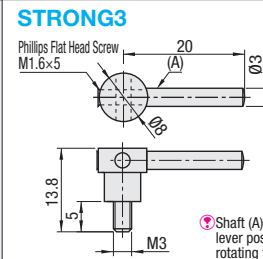
⚠ A dedicated wrench is included with XBRF.

■ 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



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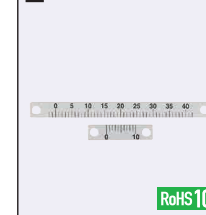


⚠ Shaft (A) is fixed with a Phillips flat head screw (M1.6x5), and the lever position can be turned by 90 degrees by removing the screw and rotating the shaft.

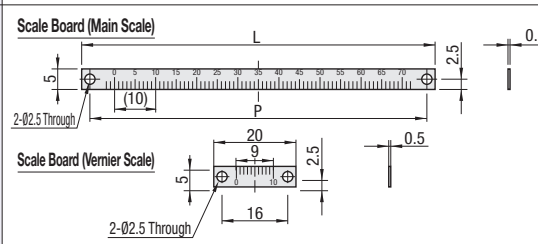
Type	No.	Applicable Stage
STRONG	3	XLWG (P1908), XSLC (P1900), XSC (P1899), XSSL (P1902)
	3W	XWG (P1904), XSL (P1900), XSSL (P1901), XSP (P1904), XSB (P1906)
	4	XLONG (P1909)
STRONG4		

Ⓜ 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 C
	60	56	52	
	90	86	82	
	140	136	132	

⚠ Resolution: 0.1mm
⚠ See the XY Stage Overview pages for vernier scale reading instructions. Ⓜ P.1890

Ⓜ Material: EN AW-1050A Equiv.

Ordering Example
Part Number
STRONG3
VNIR60

Part Number			Unit Price			Volume Discount Rate			Part Number			Unit Price		
Type	No.		Type	No.		Type	No.		Type	No.		Type	No.	
STRONG	3		STRONG	3		STRONG	40		VNIR	40		VNIR	40	
	3W			60			60							
	4			90			90							

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