Product structure

coarse and fine adjustment switch screw
粗精调切换螺丝
locking screw
锁紧螺丝
working desk
工作台面
Differential head
微分头
base
底座

LN Series

Coarse and fine adjustment switch screw
粗精调切换螺丝
locking screw 锁紧螺丝
working desk
工作台面
Differential head
微分头
base
底座
Rotary handle
旋转手柄

LNP Series

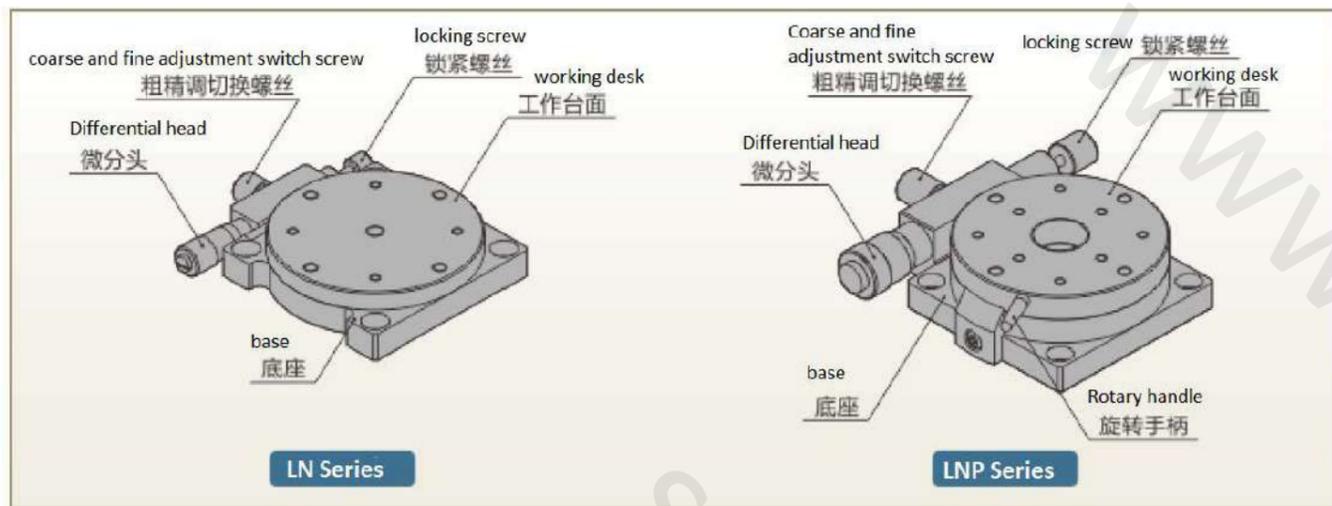## Product Features

- The rotating platform can realize precise adjustment of the angle.
- After turning the table to the approximate position, use the coarse and fine adjustment switching screws to fix it, so that you can use the micro head for fine adjustment.
- There are standard and precision precision options.
- The size of the table is from ϕ 38mm~ ϕ 160mm, with various specifications.

Model Description

LN P 60 - L - H20

Moving Way	θ axis Accuracy	table size *	Micrometer head position	table thickness
turn around run-in type	No mark: Standard type P: Precision	Unit:mm	refer to below photo	No Mark: Standard Thickness Number: non-standard thickness unit: mm

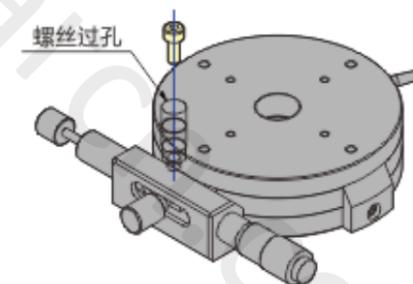LNP40 table is 038. LNP160 table is condition 58, please know

微分头对称
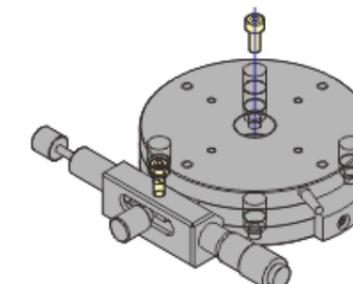
L   R
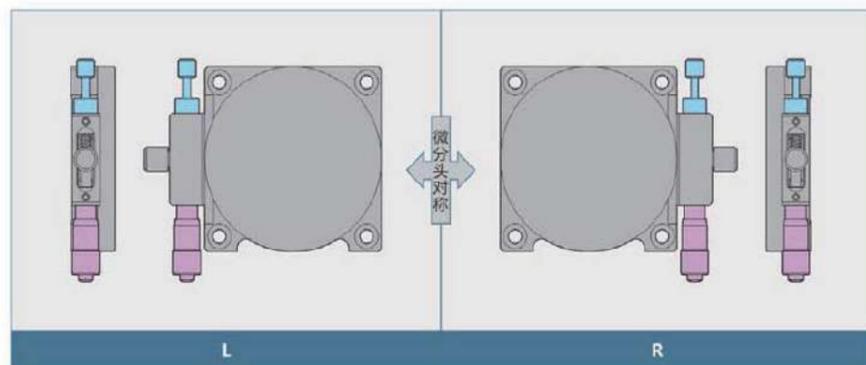
Installation Method
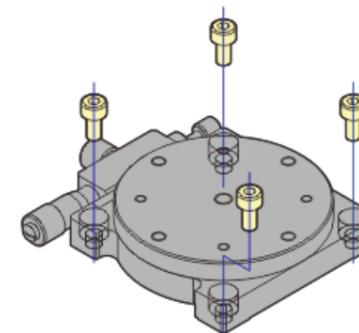
The platform can be mounted using the countersunk holes on the base.
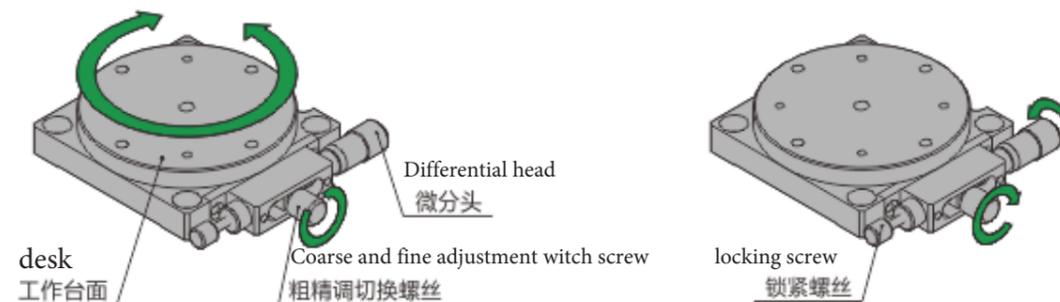
LNP85\LNP110

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Rotate the table so that the screw holes are concentric with the countersunk head on the base, and then the screws can be used for fixing.

Repeat the above to fix the platform with 4 countersunk holes.

Instructions

desk
工作台面
Differential head
微分头
Coarse and fine adjustment witch screw
粗精调切换螺丝
locking screw
锁紧螺丝

After loosening the coarse and fine adjustment switching screws, the work surface can be adjusted by hand for 360 coarse adjustment.

After the coarse and fine adjustment switching screws are locked, the work surface can be finely adjusted with the differential head. When fine adjustment, please confirm whether the locking screw is loosened. When adjusted to the desired position, use the locking screw to fix it.
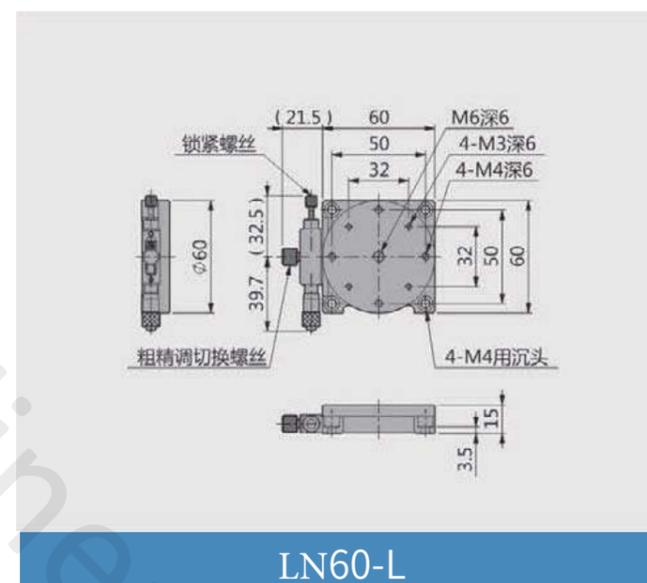
LN60-L

LN90-L

LN125-L

Specifications

|	LN60-L	LN90-L	LN125-L
moving direction	θ axis in one direction		
main material	aluminum alloy (black anode)		
drive mode	Differential head		
table size	∮ 60mm	∮ 90mm	∮ 125mm
table thickness	15mm	20mm	
stroke	360°coarse adjustment ±5°fine adjustment		
load	29.4N(3kgf)		
Minimum scale	10°	5°	
Differential head per division	≈ 0.96°	≈ 0.6°	≈ 0.46°
concentricity	0.03mm		
parallelism	0.03mm	0.04mm	0.05mm
weight	0.16kg	0.50kg	0.90kg

LN60-L
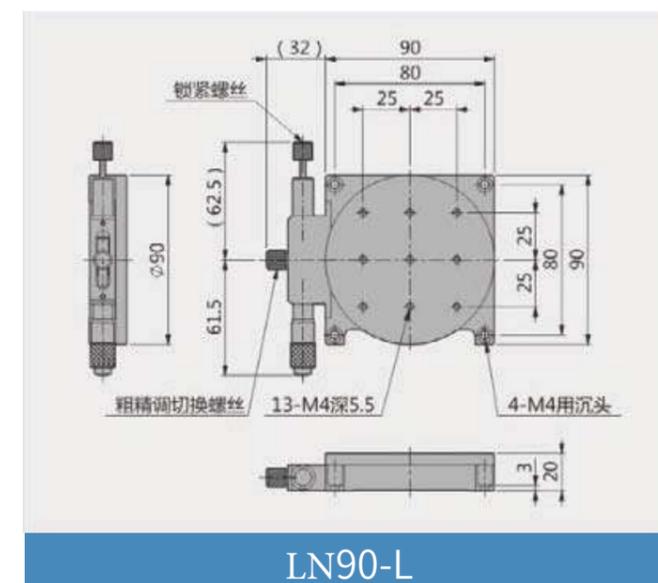
LN90-L
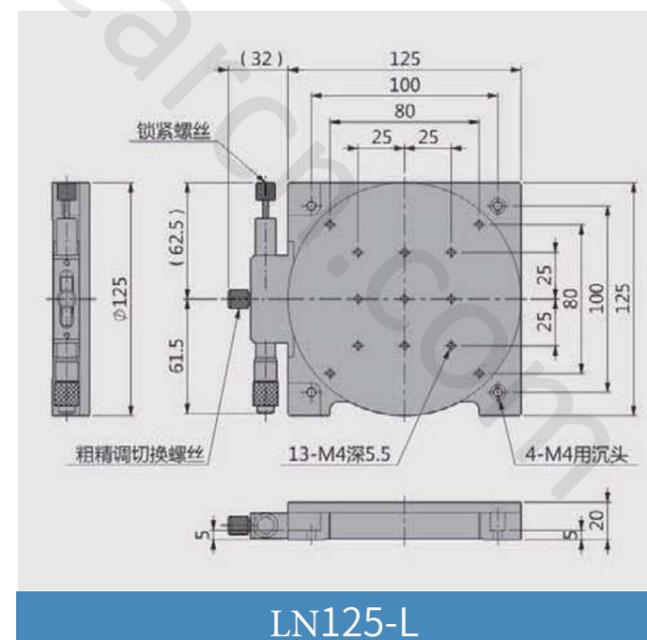
LN125-L

Reading Method

1. First determine the position of the cursor 0 on the main body. Each grid of the disc is 1°, and the picture on the right is 14.
2. Look at the sum of the scale line of the disc and the scale line of the main vernier. The right circle is 45'.
3. Add the values of 1 and 2, so the right circle is 14° 45'.
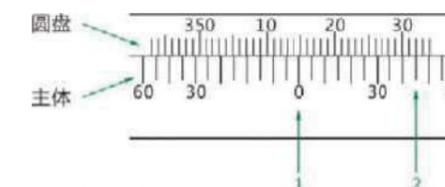
LNP40-L

LNP60-L

LNP80-L

LNP90-L

LNP100-L
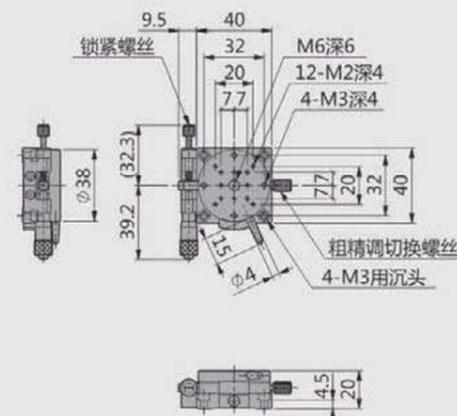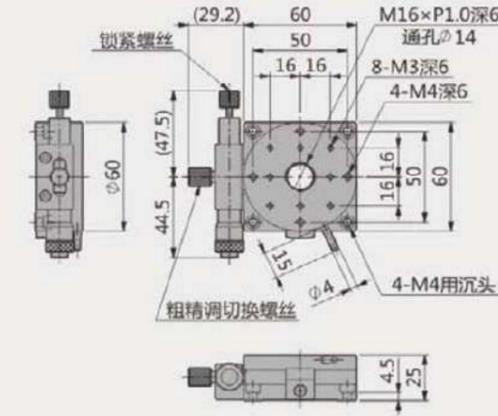

LNP125-L

Specifications

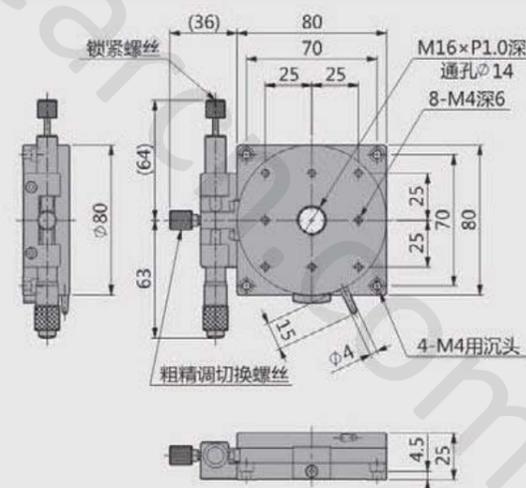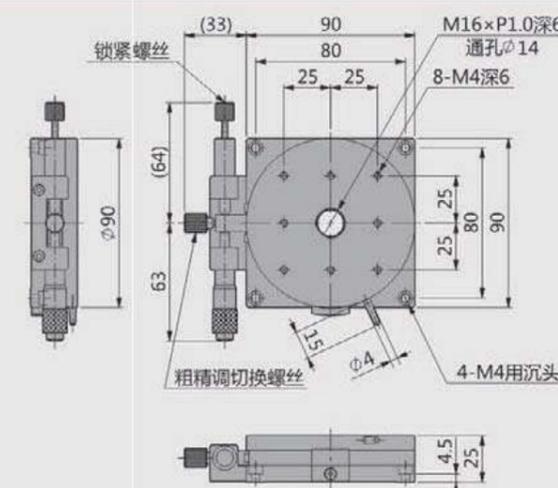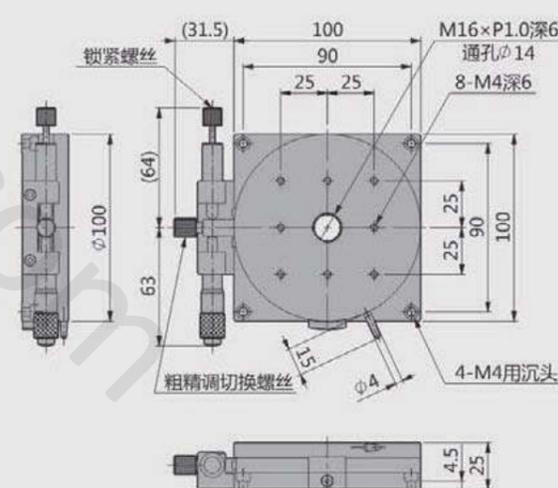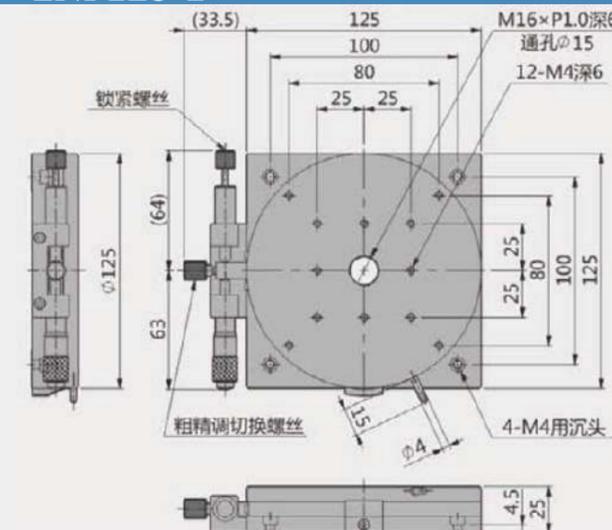|	LNP40-L	LNP60-L	LNP80-L	LNP90-L	LNP100-L	LNP125-L
moving direction	θ axis in one direction					
main material	aluminum alloy (black anode)					
drive mode	Differential head					
table size	∮ 38mm	∮ 60mm	∮ 80mm	∮ 90mm	∮ 100mm	∮ 125mm
table thickness	20mm	25mm				
stroke	360°coarse adjustment ±5°fine adjustment					
load	9.8N(1kgf)	29.4N(3kgf)	39.2N(4kgf)			49N(5kgf)
Minimum scale	5′					
Differential head per division	≈ 1.44′	≈ 0.92′	≈ 0.67′	≈ 0.61′	≈ 0.56′	≈ 0.46′
concentricity	0.03mm					
parallelism	0.03mm		0.04mm		0.05mm	
weight	0.10kg	0.30kg	0.52kg	0.62kg	0.72kg	1.20kg

LNP40-L

LNP60-L

LNP80-L


LNP90-L

LNP100-L

LNP125-L

LNP85-L

LNP110-L

LNPT100-L

LNPT160-L

Specifications

	LNP85-L	LNP110-L	LNPT100-L	LNPT160-L
moving direction	θ axis in one direction			
main material	aluminum alloy (black anode)			
drive mode	Differential head			
table size	∮ 85mm	∮ 110mm	∮ 100mm	∮ 158mm
table thickness	25mm		20mm	30mm
stroke	360°coarse adjustment ±5°fine adjustment			
load	39.6N(4kgf)			78.4N(8kgf)
Minimum scale	5′			1°
Differential head per division	≈ 0.72′	≈ 0.57′	≈ 0.53′	≈ 0.36′
concentricity	0.03mm			
parallelism	0.04mm		0.05mm	
weight	0.51kg	0.80kg	0.50kg	1.74kg
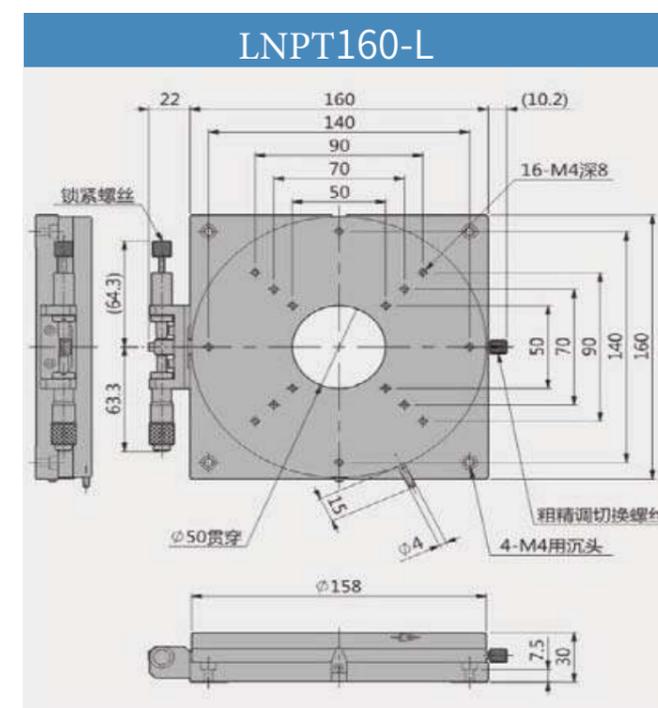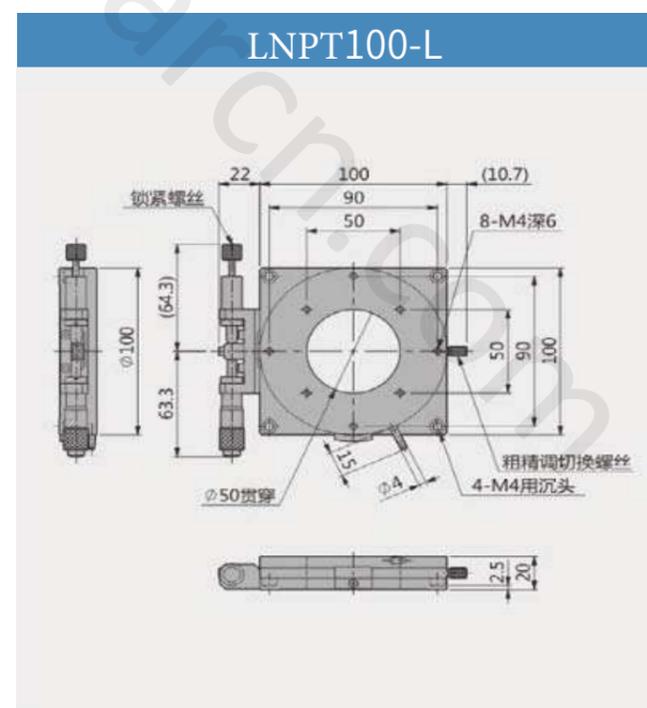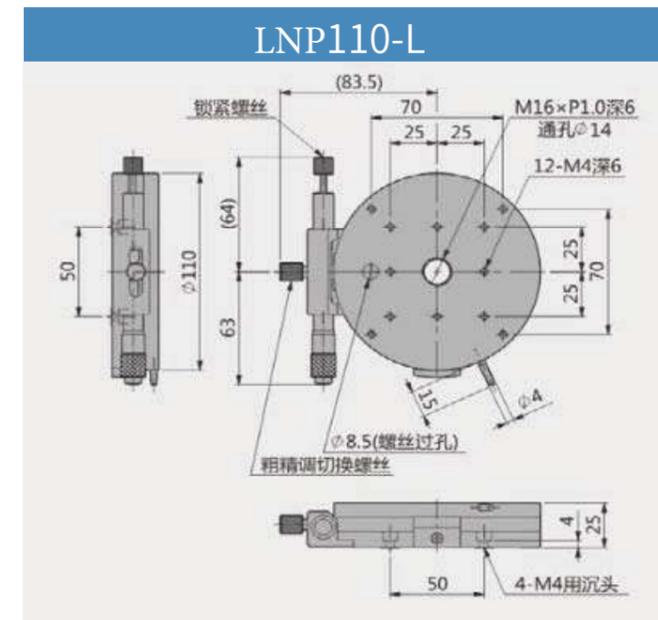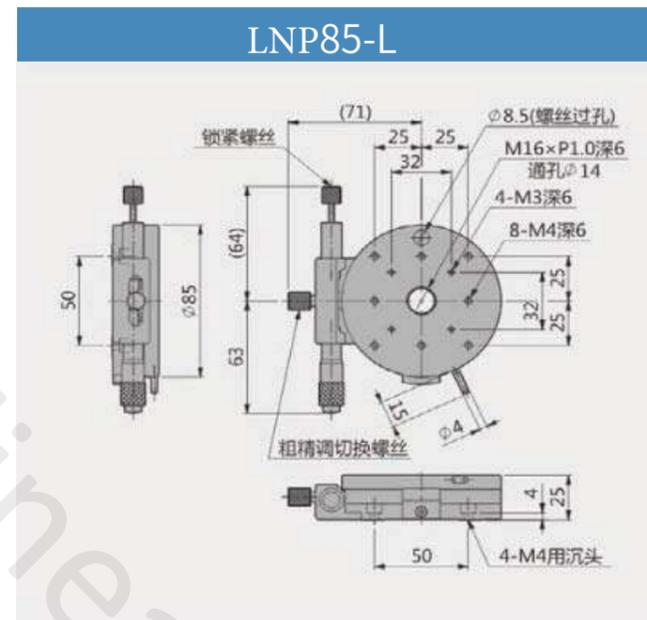
LNP85-L

LNP110-L

LNPT100-L

LNPT160-L

Reading Method

1. First determine the position of the cursor 0 on the main body. Each grid of the disc is 1°, and the picture on the right is 10°.
2. Look at the sum of the scale line of the disc and the scale line of the main vernier. The figure on the right is 0.4°.
3. Add the values of 1 and 2, so the image on the right is 10.4°.