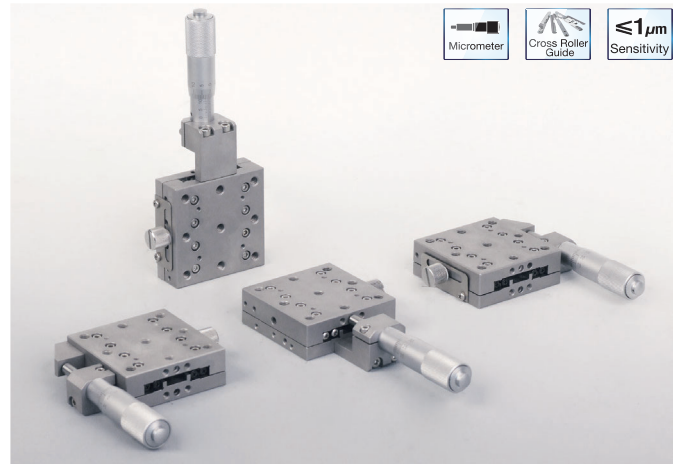
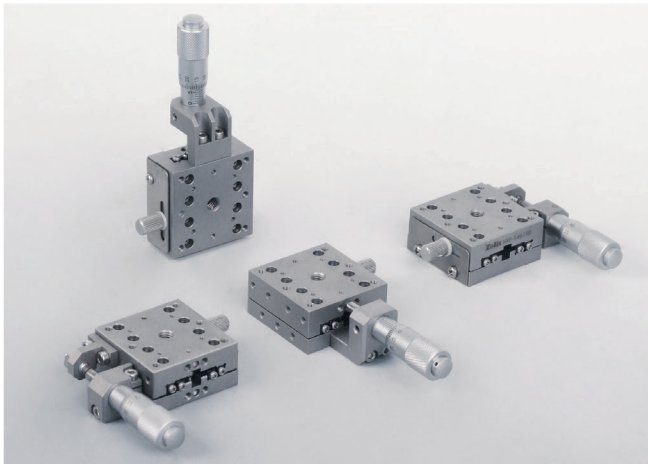


Manual Linear Stage

NFP Series Crossed-Roller Bearing High Precision Linear Stages



Description:

NFP series products are ultra high precision manual linear stage developed by Zolix. The main material of this series of products is 304 stainless steel. It is guided by ultra-high precision cross roller guide and driven by precision Micrometer. With the unique precision processing technology of Zolix, this series of products has ultra-high sensitivity which less than $1\mu\text{m}$, and runs smoothly without runout. The series is particularly suitable for ultra-high precision manual adjustment, especially for the precise adjustment of fiber coupling or optical waveguide devices, DPSS laser components, and can also be used in vacuum environment.

Features:

- Sensitivity $\leq 1\mu\text{m}$
- The main material is 304 stainless steel, which has high stability and good corrosion resistance, and is also suitable for using in the real air
- Ultra high precision crossed-roller guide, which ensures the sensitivity, straightness and other key indicators to reach the international level
- All products equipped with Micrometer
- Much higher cost-effective.

Naming rules:

NFP-1461 SR

NFP: stainless steel, crossed-roller guide, ultra high precision

Axis:
1: one axis

Stage surface size:
461: 40mm×40mm
462: 65mm×65mm

Drive location:
C: center
SR: right
SL: left
CZ: central and vertical

Selection chart:

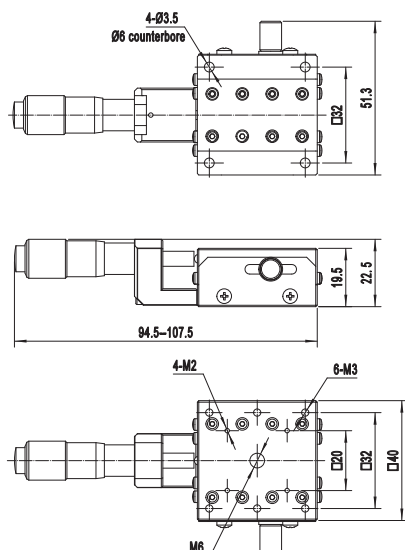
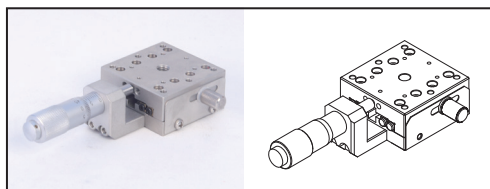
Model	NFP-1461C	NFP-1461SR	NFP-1461SL	NFP-1461CZ
Travel range(mm)	13			
Stage surface size(mm)	40×40			
Thickness(mm)	19.5			
Guide mechanism	Precise crossed-roller guide			
Drive type	Micrometer			
Drive location	Center	Right	Left	Central and vertical
Main body material, surface treatment	Stainless steel, sandblasting			
Sensitivity(μm)	≤ 1			
Minimum reading of micrometer(mm)	0.01			
Straightness(μm)	≤ 3			
Load capacity(Kg)	5	5	5	1.5
Weight(Kg)	0.28			

Model	NFP-1462C	NFP-1462SR	NFP-1462SL	NFP-1462CZ
Travel range(mm)	25			
Stage surface size(mm)	65×65			
Thickness(mm)	23±0.1			
Guide mechanism	Precise crossed-roller guide			
Drive type	Micrometer			
Drive location	Center	Right	Left	Central and vertical
Main body material, surface treatment	Stainless steel, sandblasting			
Sensitivity(μm)	≤ 1			
Minimum reading of micrometer(mm)	0.01			
Straightness(μm)	≤ 3			
Load capacity(Kg)	7	7	7	2.5
Weight(Kg)	0.85			

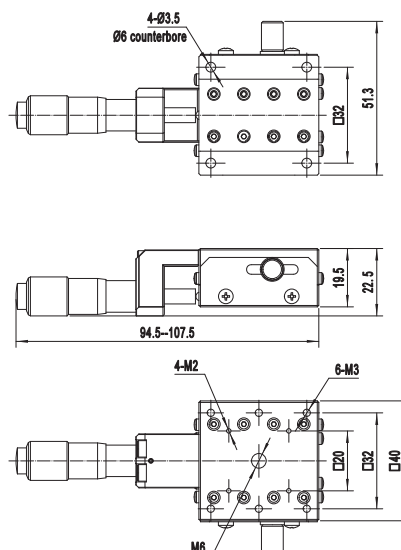
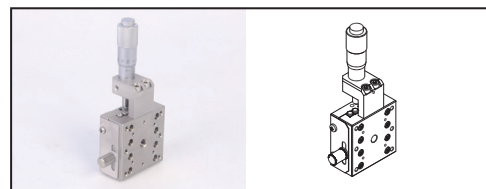
NFP-x461 series of ultra-high precision manual linear stage

Dimensions:

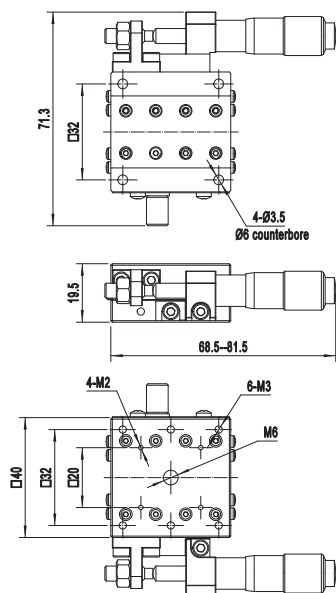
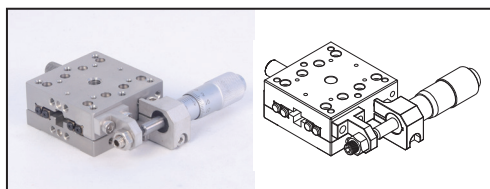
NFP-1461C



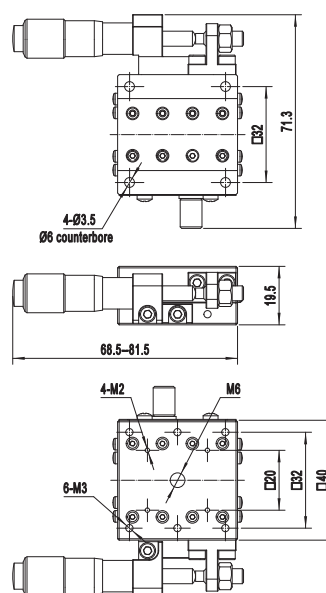
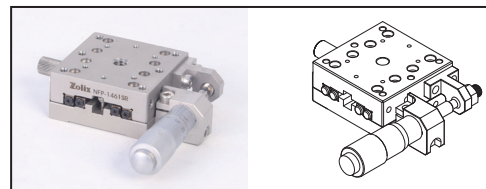
NFP-1461CZ



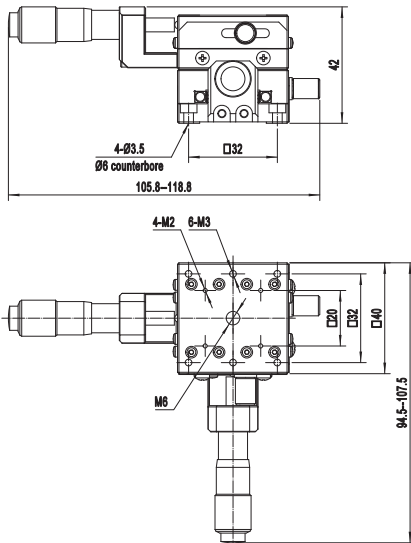
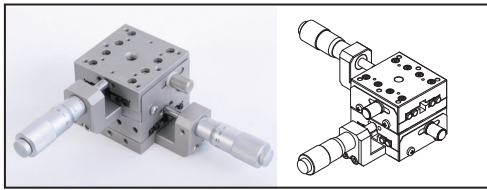
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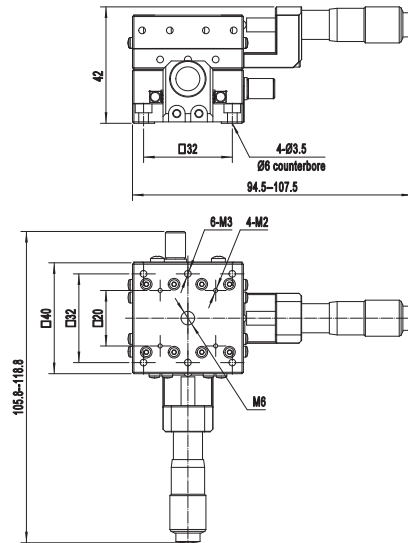
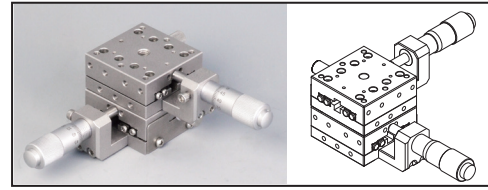
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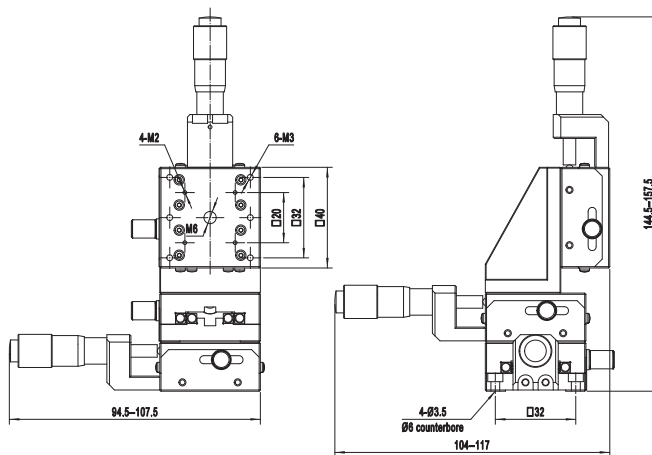
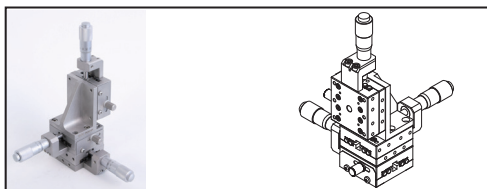
NFP-2461CC-L



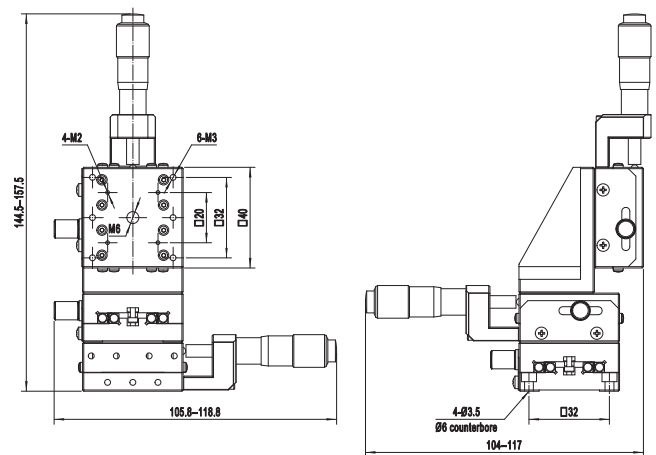
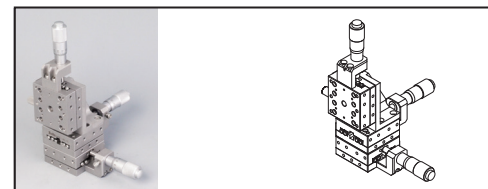
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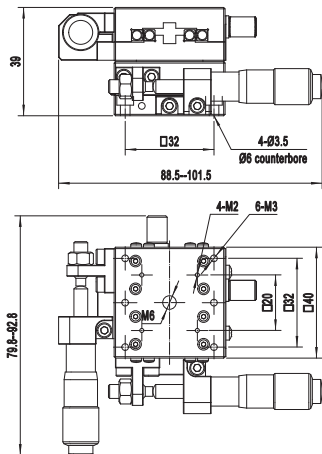
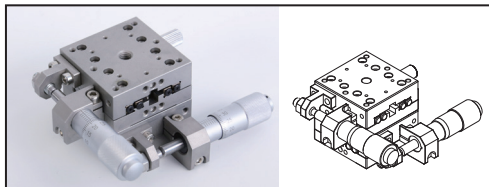
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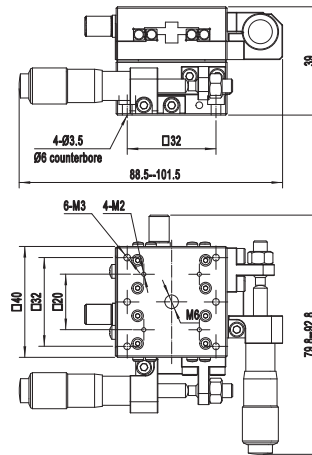
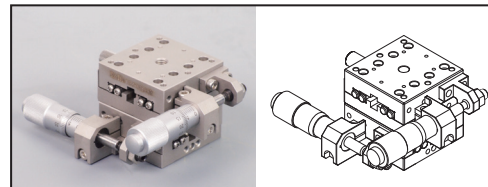
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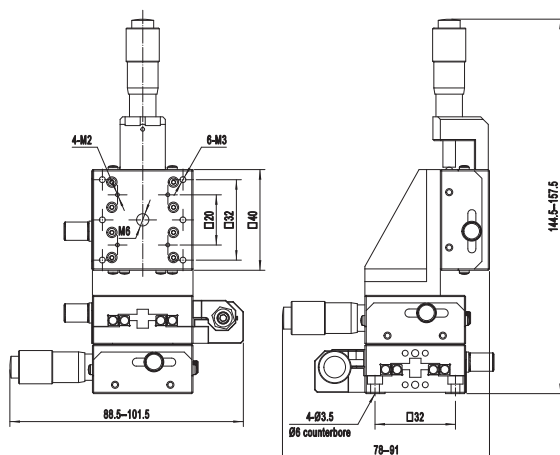
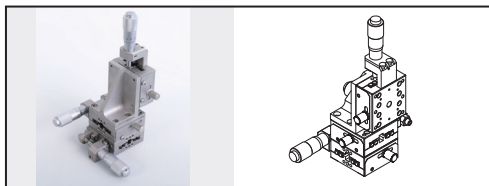
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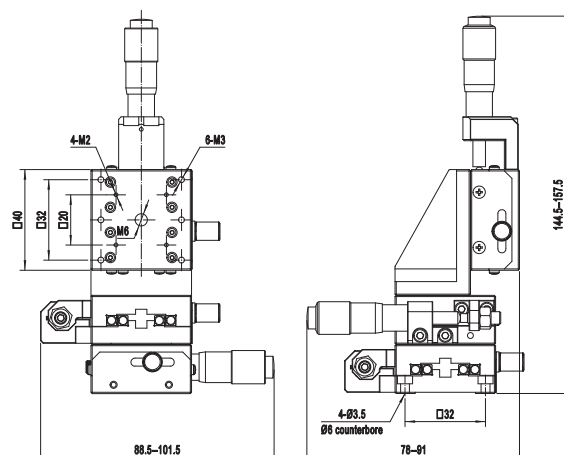
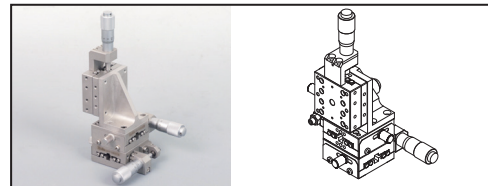
NFP-2461RR



NFP-3461LLZ



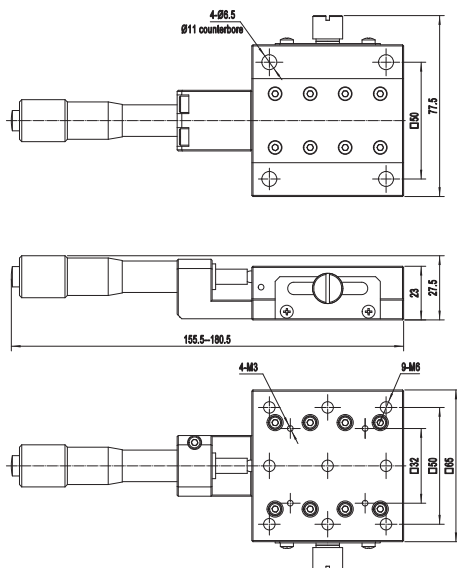
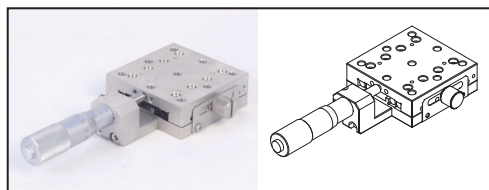
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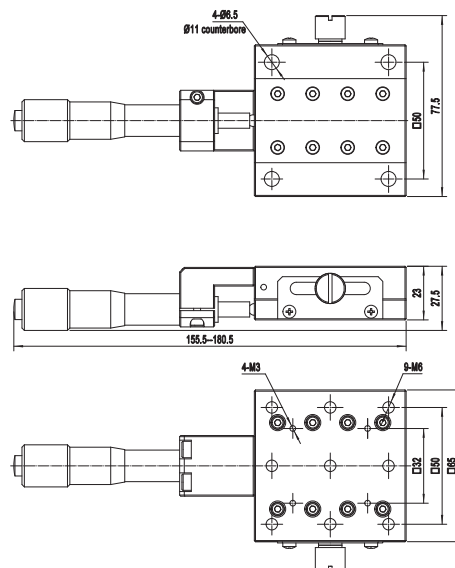
NFP-x462 series of ultra-high precision manual linear stage

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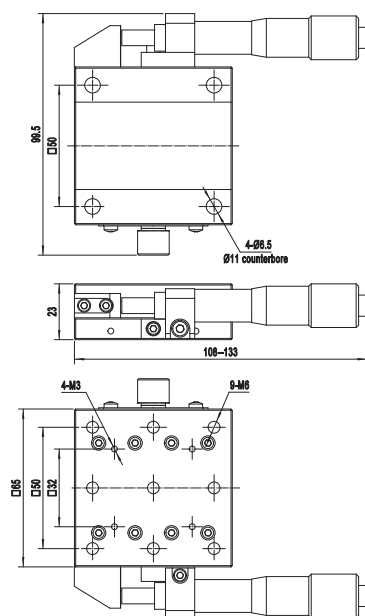
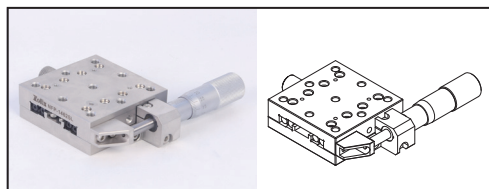
NFP-1462C



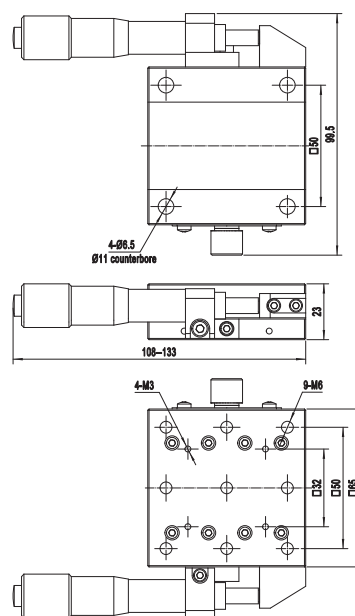
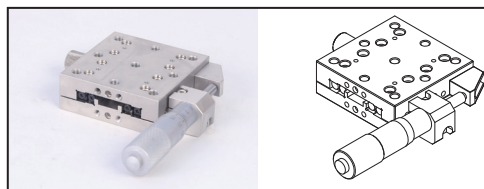
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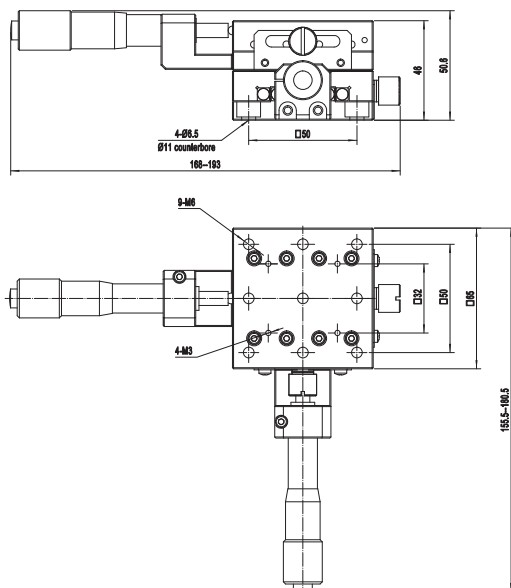
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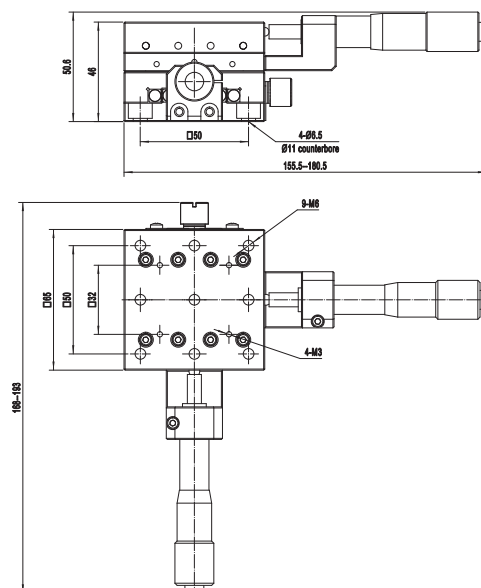
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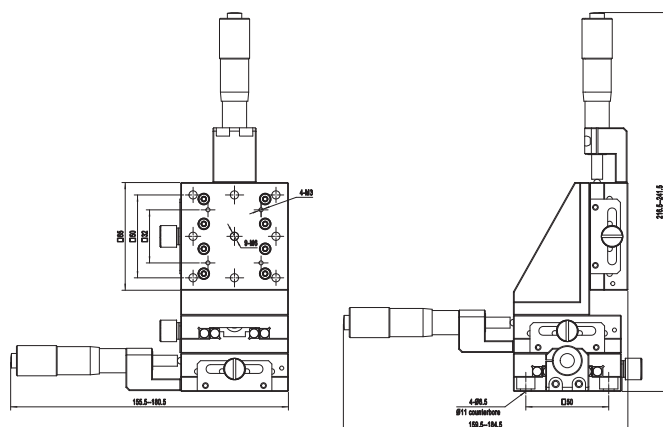
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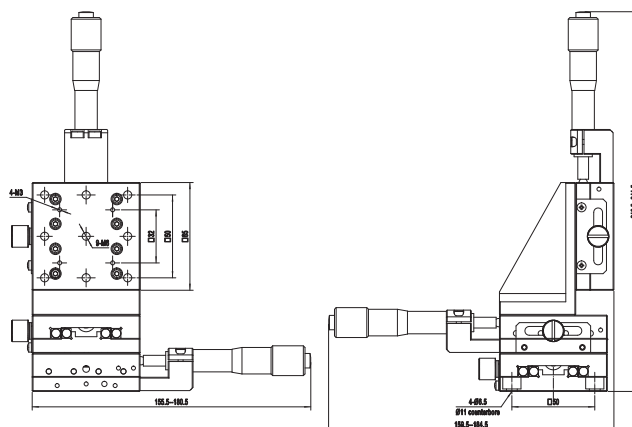
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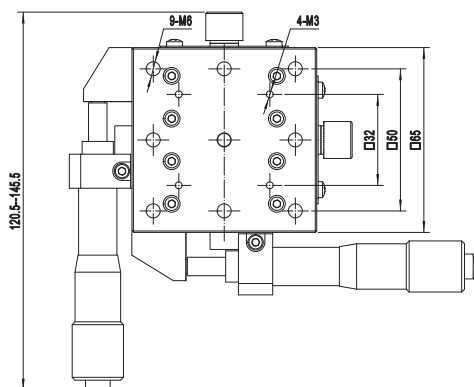
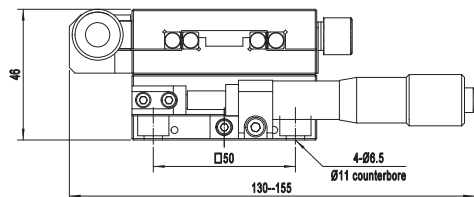
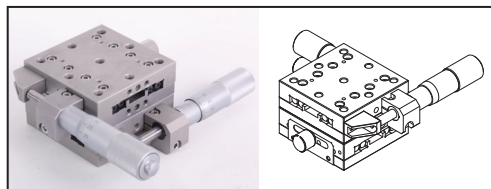
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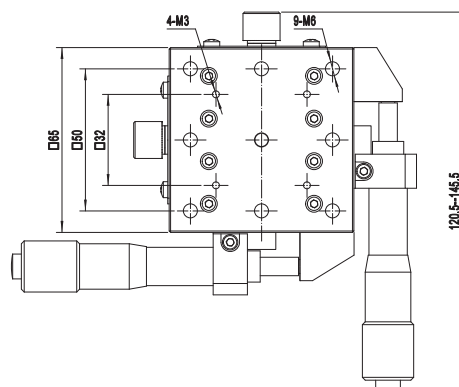
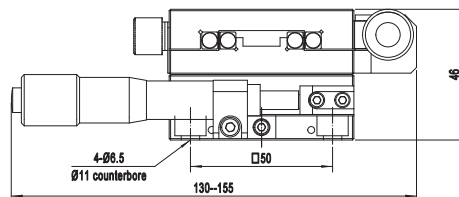
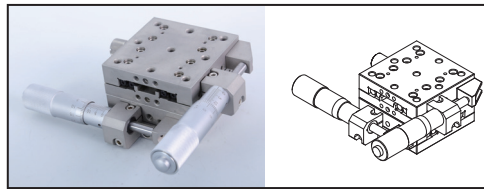
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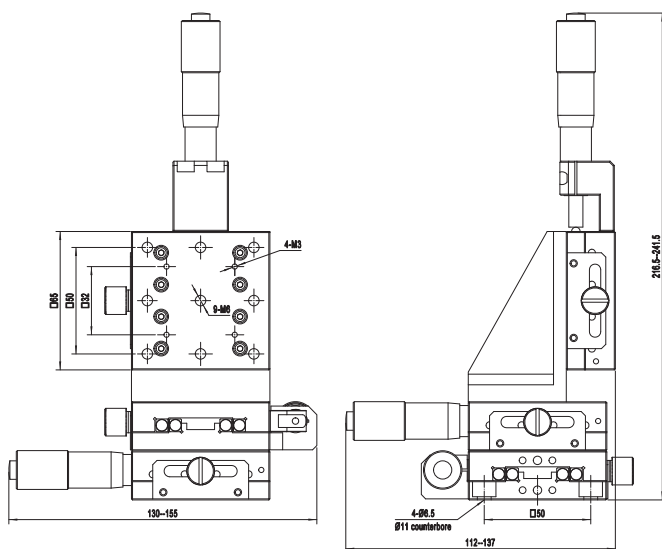
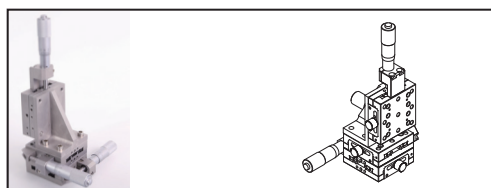
NFP-2462LL



NFP-2462RR



NFP-3462LLZ



NFP-3462RRZ

