

NFP-x561 Series High Precision Fiber Alignment Stages



Features:

- Sensitivity $\leq 1\mu\text{m}$
- The main material is 304 stainless steel, with high stability and good corrosion resistance
- Ultra high precision crossed-roller guide, which can ensure that the sensitivity, straightness and other key indicators of the product reach the international level
- Much higher cost-effective.

Naming rules:

NFP-2561(L)

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

Number of controlled axis:
2: two-dimension($\theta_y\theta_z$)
3: three-dimension(XYZ)
5: five-dimension(XYZ $\theta_y\theta_z$)
6: six-dimensionXYZ $\theta_x\theta_y\theta_z$

561: Integral type (fiber optic special)

Drive location:
None(default): right
L: left
T/TL : right/ left(for two-dimension stage)

Selection chart

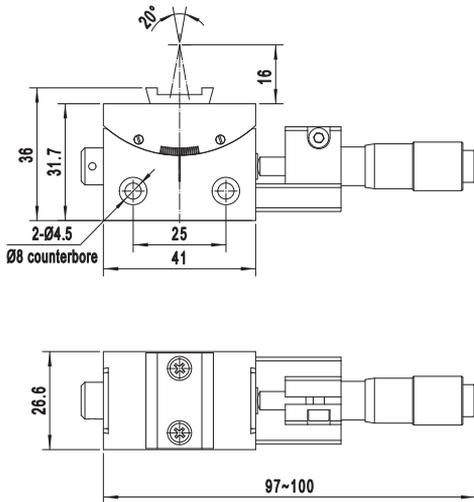
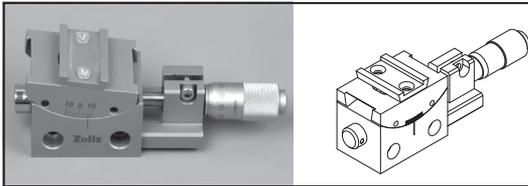
Model		NFP-GON10	NFP-2561T(TL)	NFP-3561(L)	NFP-5561(L)	NFP-6561(L)
Travel range	X(mm)	/	/	13	13	13
	Y(mm)	/	/	13	13	13
	Z(mm)	/	/	6	6	6
	$\theta_x(^{\circ})$	± 10	/	/	/	± 10
	$\theta_y(^{\circ})$	/	-2~4	/	-2~4	-2~4
	$\theta_z(^{\circ})$	/	-4~4	/	-4~4	-4~4
Guide mechanism		Dovetail guide	rotational structure	Crossed-roller guide	Crossed-roller guide+rotation structure	Crossed-roller guide+rotation structure+dovetail guide
Drive type		Micrometer	Screw	Micrometer	Micrometer+screw	
Main body material, surface treatment		Stainless steel, sandblasting				
Sensitivity		$\leq 6''$	/	$\leq 1\mu\text{m}$	$\leq 1\mu\text{m}$	$\leq 1\mu\text{m}$
Linearity Deviation(μm)		/	/	≤ 3	≤ 3	≤ 3
Weight(Kg)		0.31	1.2	1.8	2.2	2.5

NFP-GON10 optical fiber manual goniometer

Description:

NFP-GON10 can be used in combination with NFP-3561/3561L 3D ultra-high precision manual stage to provide rotation adjustment around the X-axis, equipped with dovetail slot mounting seat for installation of fiber optic accessories.

NFP-GON10

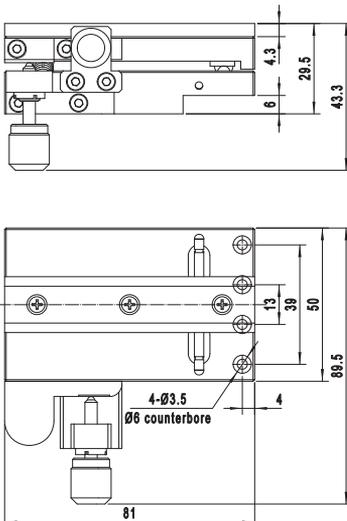
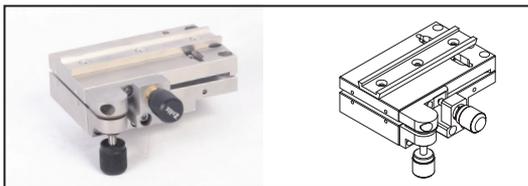


NFP-2561T/2561TL optical fiber two-dimensional tilt slide stage

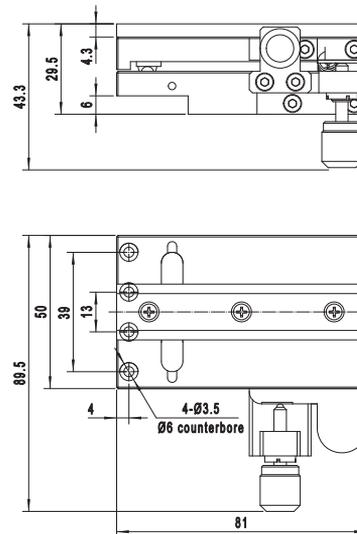
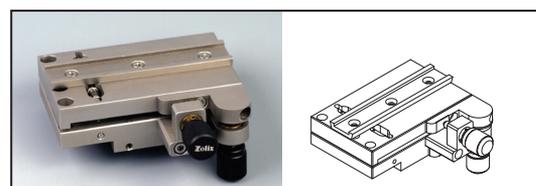
Description:

This type can be combined with the NFP-3561/3561L three-dimensional ultra-high precision manual stage, then it can provide pitch and yaw adjustment around the Y and Z axis, with a dovetail groove mounting seat, and special accessories for optical fiber can be installed. This product is available for left and right hands, NFP-2561TL is for left hands.

NFP-2561TL

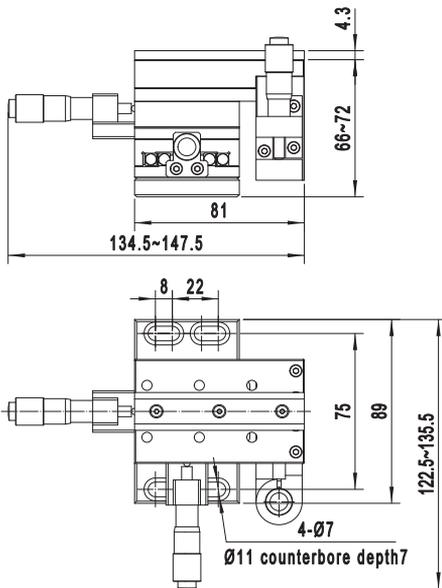
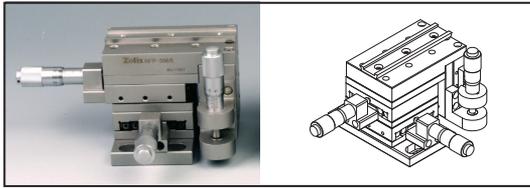


NFP-2561T

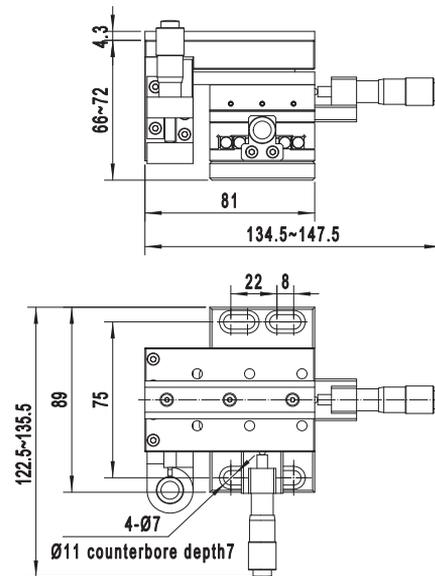
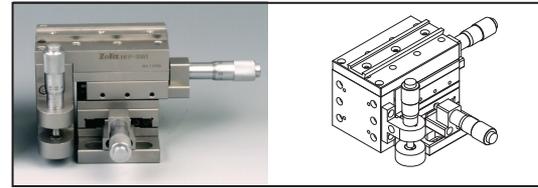


NFP-3561/3561L 3-dimension ultra-high precision stage for optical fiber

NFP-3561L

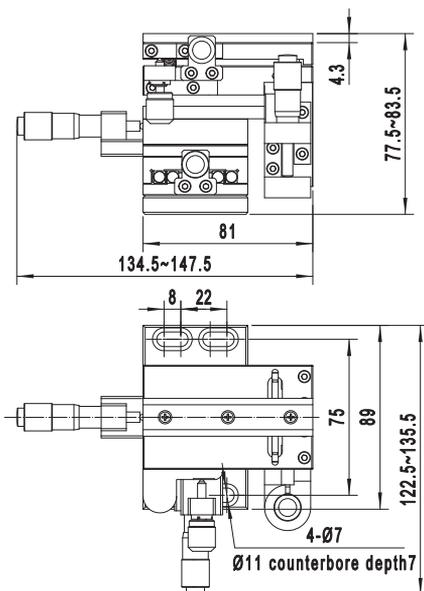
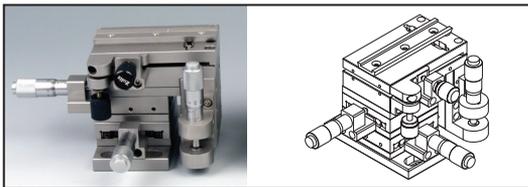


NFP-3561

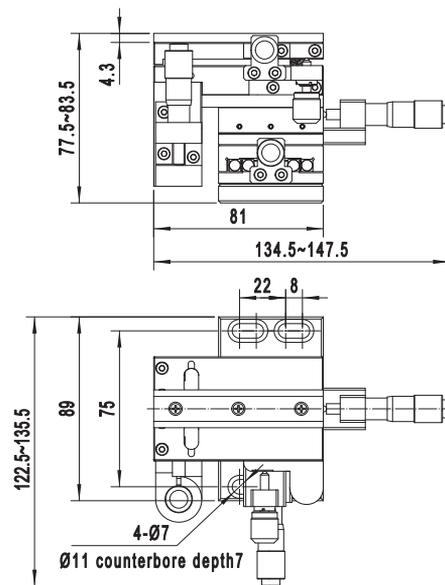
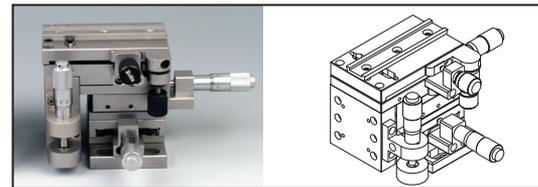


NFP-5561/5561L 5-dimension ultra-high precision stage for optical fiber

NFP-5561L

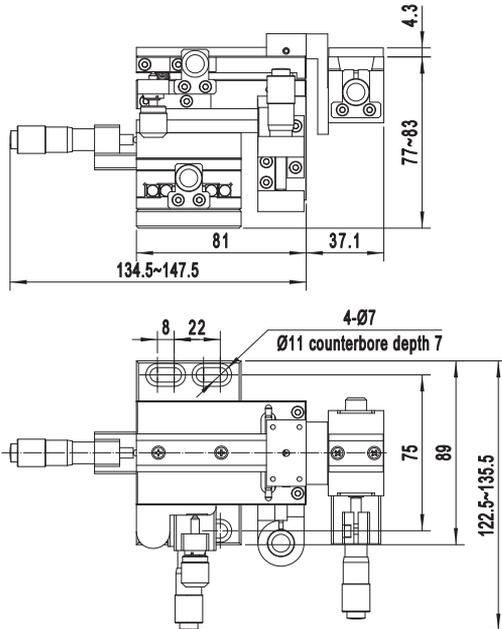
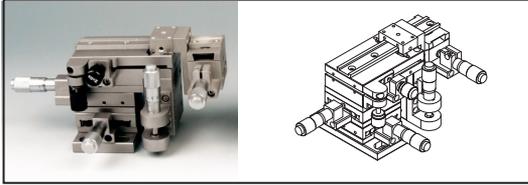


NFP-5561



NFP-5561/5561L 5-dimension ultra-high precision stage for optical fiber

NFP-6561L



NFP-6561

