

Motorized translation stages system

The motorized translation stages system includes: stepping motor controllers system, motorized translation stages system, motor rotary stages system. Free match for your order. High precision, speed quickly, travel long, load capacity is high and long life. Used in societal experiment, optic monitor, automatic monitor, automatic batch, automatic control, laser process and so on..

ASSEMBLY OF MOTORIZED POSITIONING STAGES

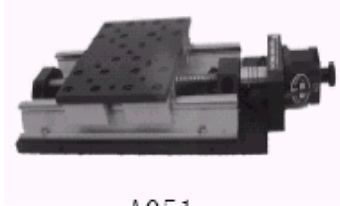
The motorized translation stages and the motorized precision rotary stages which produce by HWHR could the free group synthesize multiple spindle displacement. We could combine them for your order.



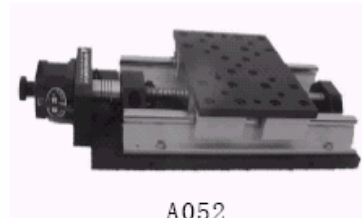
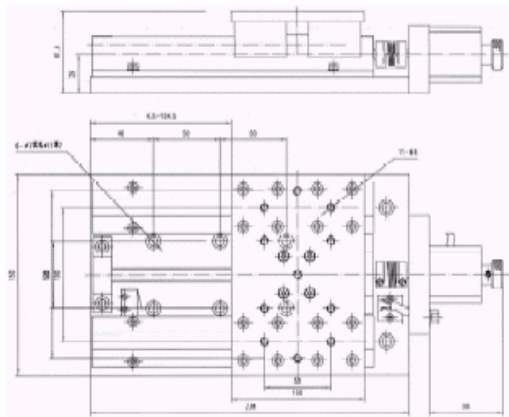
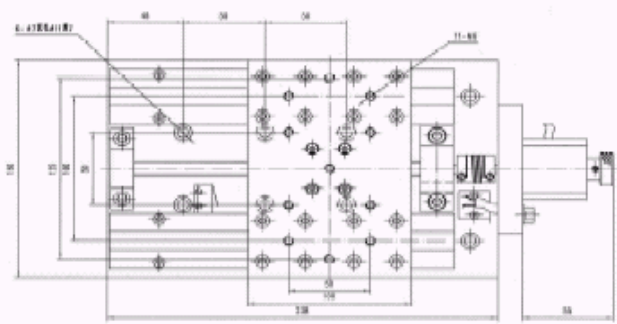
MOTORIZED ROUND RAIL TRANSLATION STAGES

This kind of motorized round rail translation stages has a support, use the strut linear bearing does the rail, withstand a bigger load. It cannot occur small curving, the stability is better, moreover moves steadily. The applicable scope is widespread . For example : the scientific experiment, the industrial production.

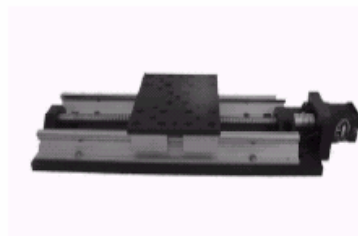
适用范围广泛，如：科学实验、工业生产，
它是一款性能价格比较好的产品。



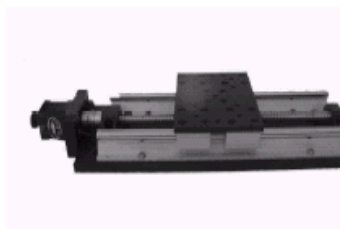
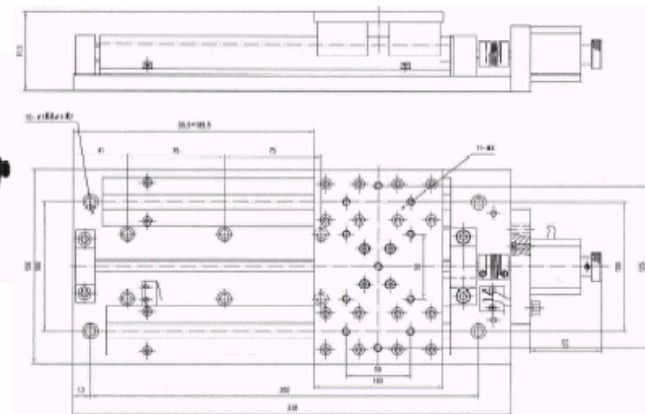
A051



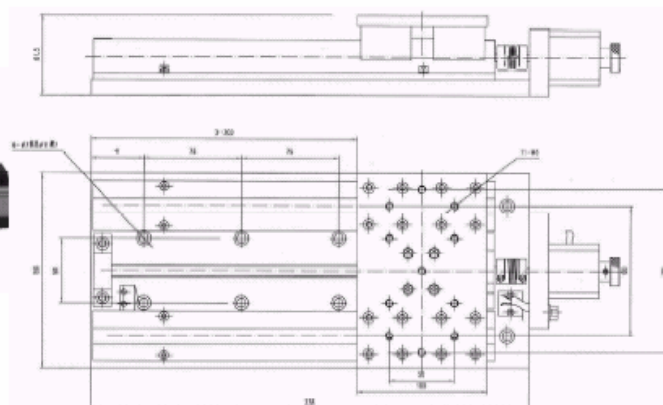
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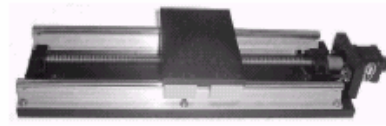
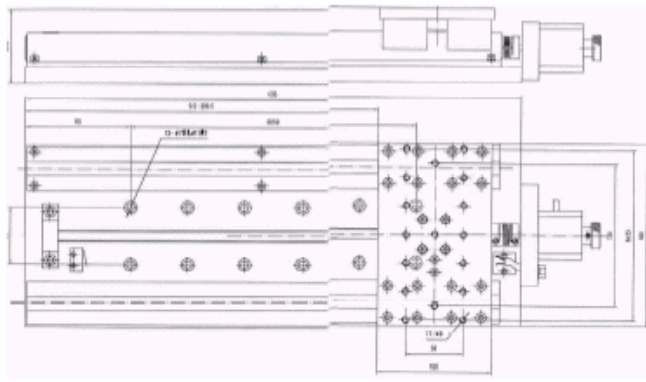


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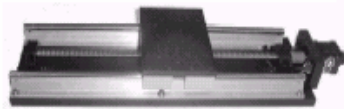
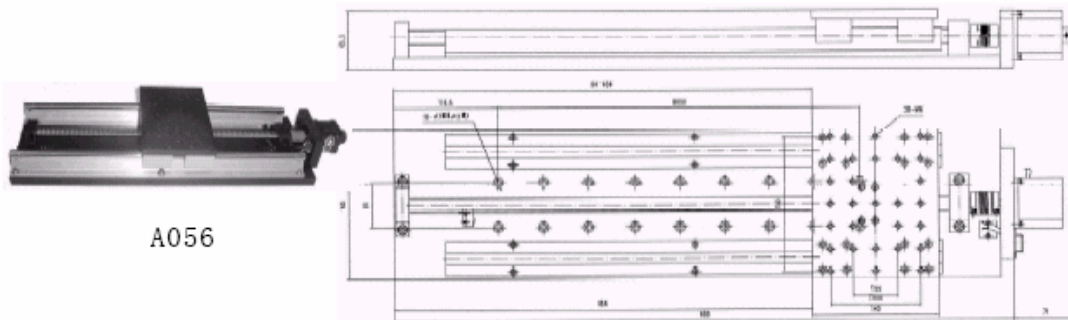


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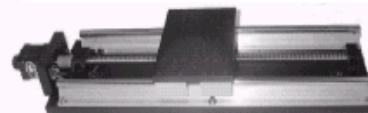
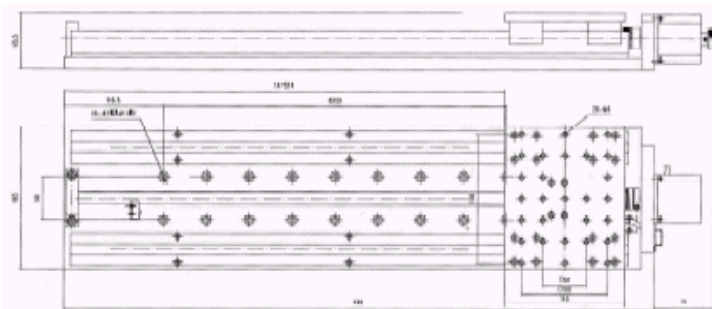




A055



A056

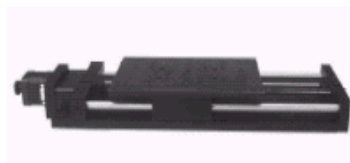


A057

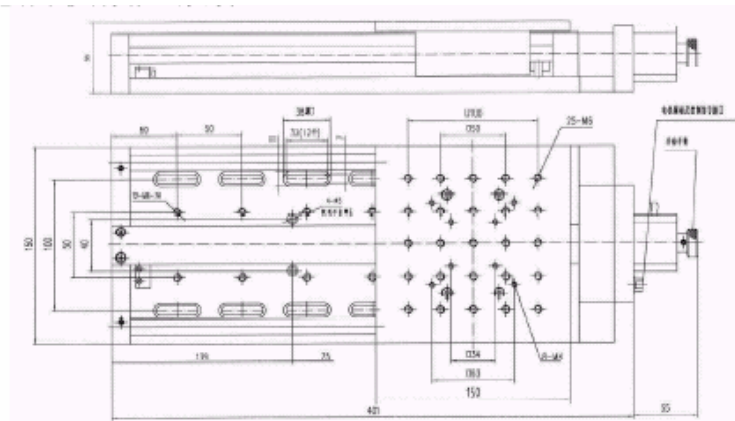
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travel mm	50	100	150	200	300	400	500	700
Platform size mm	100 × 150	100 × 150	100 × 150	100 × 150	100 × 160	140 × 185	140 × 185	200 × 200
Drive	linear ball bearing							
Screw pitch	4mm					5mm		
Resolution mm	0.00125					0.003125		
Maximum speed	25mm/s					31mm/s		
Accuracy	<0.005mm							
Flatness and straightness	0.01mm	0.02mm	0.03mm	0.04mm	0.06mm	0.08mm	0.09mm	0.09mm
Hold torque	40Ncm					80Ncm		120Ncm
Central load capacity	20kg			30kg		40kg		50kg
weight	3.6kg	3.6kg	4.4kg	4.6kg	5.2kg	6.7kg	7kg	8kg

MOTORIZED WIDE TRANSLATION STAGES

The motorized wide translation stages used precision ball screw , linear ball bearing. In the order to adapt comparatively greatly carries, support the rail widens, the stability will be even better. Maximum capacity is bigger than motorized round rail translation stages.



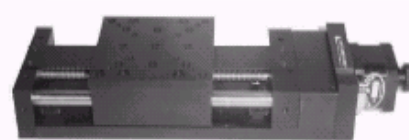
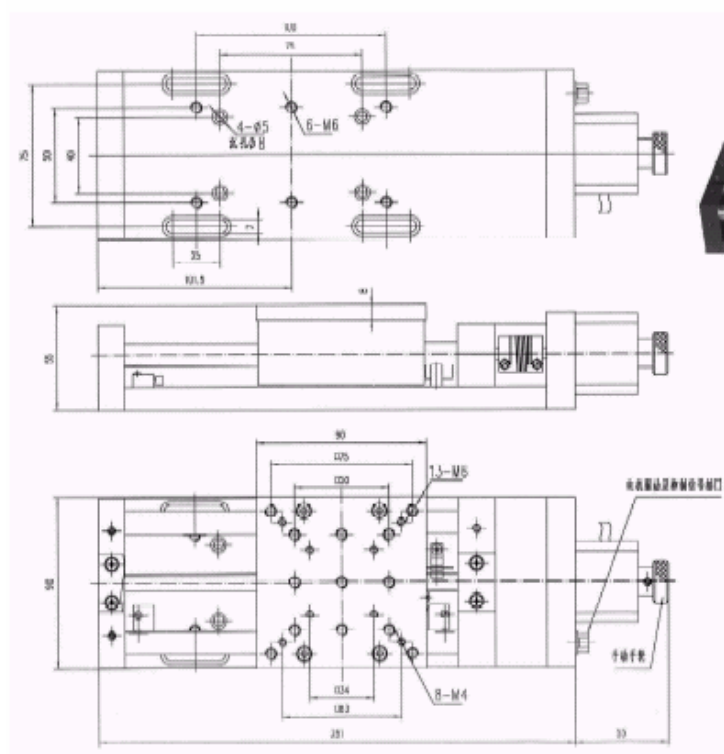
A064K



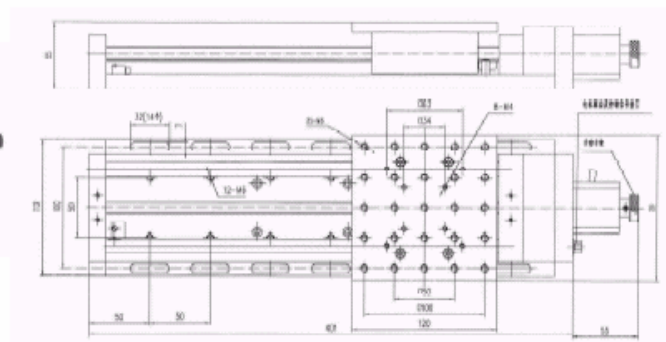
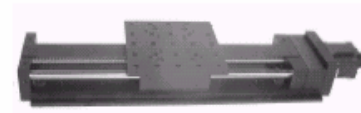
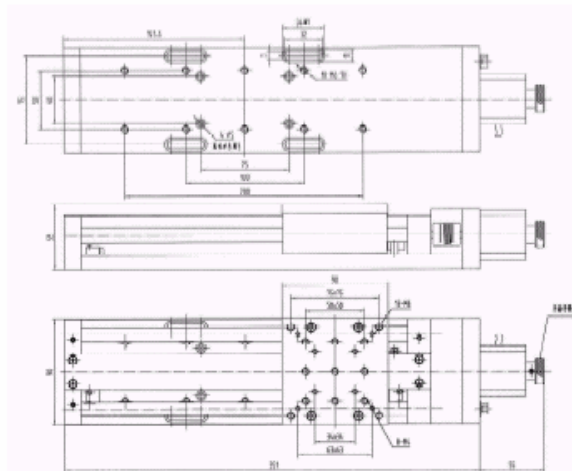
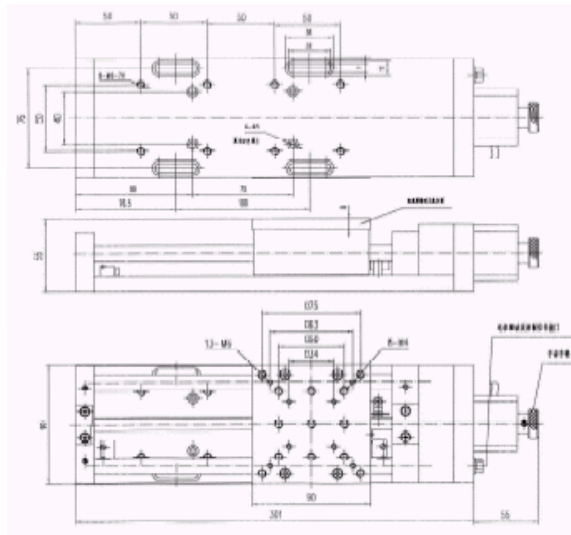
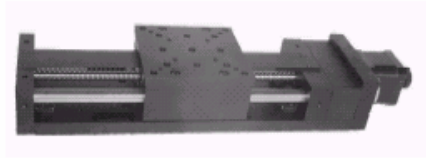
Specification	A064K	A064MK
travel mm	200	
Platform size mm	150 × 150	
Drive	linear ball bearing	
Screw pitch	4mm	
Resolution mm	0.00125	
Maximum speed	25mm/s	
Accuracy	< 0.005mm	< 0.003mm
Flatness and straightness	0.03mm	
Hold torque	40Ncm	
Central load capacity	15kg	

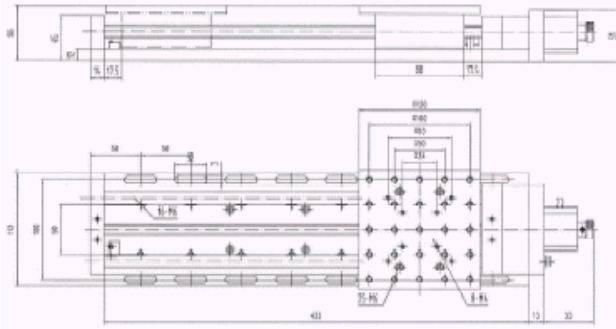
MOTORIZED TRANSLATION STAGES

Used the import precision ball screw, linear ball bearings, low capacity. The motorized round translation stages has two kinds: popularization and precise. The travel, shape and the installment is all the same, only has the difference in accuracy.

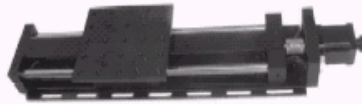


A061

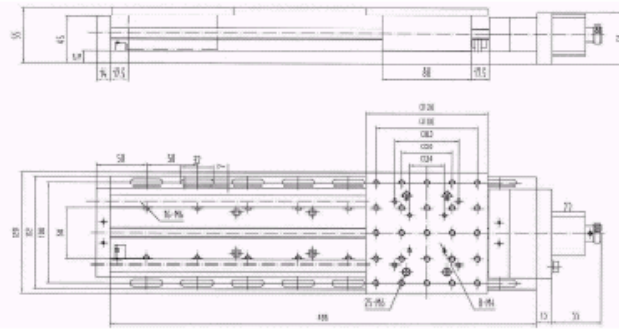




A065



A066



圆导轨电控平移台普及型

POPULARIZATION

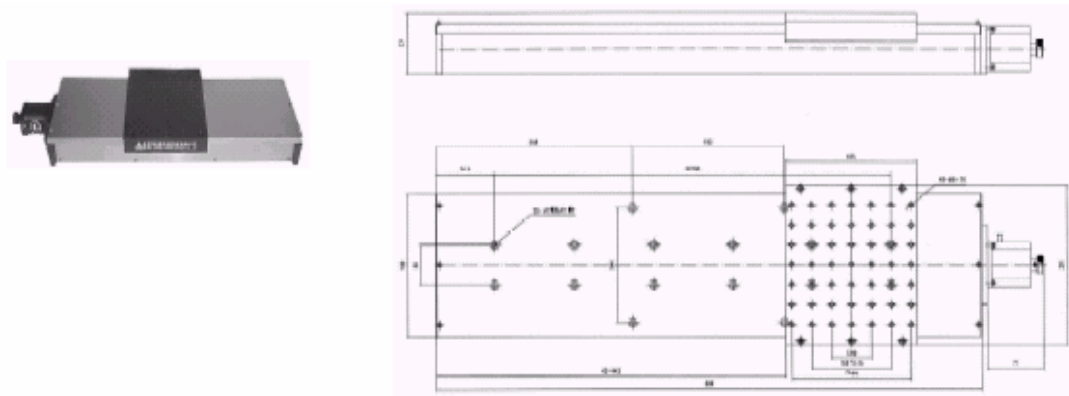
Specification	A061	A062	A063	A064	A065	A066
travel mm	50	100	150	200	250	300
Platform size mm	90 × 90	90 × 90	90 × 90	120 × 120	120 × 120	120 × 120
Drive	linear ball bearing					
Screw pitch	4mm					
Resolution mm	0.00125					
Maximum speed	25mm/s					
Accuracy	<0.005mm					
Flatness and straightness	0.01mm	0.02mm	0.03mm	0.04mm	0.05mm	0.06mm
Hold torque	40Ncm					
Central load capacity	15kg	10kg	7kg	5kg	5kg	5kg
weight	2.7kg	3kg	3.3kg	3.8kg	4kg	4.3kg

PRECISE

Specification	A061M	A062M	A063M	A064M
travel mm	50	100	150	200
Platform size mm	90 × 90	90 × 90	90 × 90	120 × 120
Drive	linear ball bearing			
Screw pitch	4mm			
Resolution mm	0.00125			
Maximum speed	25mm/s			
Accuracy	<0.003mm			
Flatness and straightness	0.01mm	0.02mm	0.03mm	0.04mm
Hold torque	40Ncm			
Central load capacity	15kg	10kg	7kg	7kg
weight	2.7kg	3kg	3.3kg	3.8kg

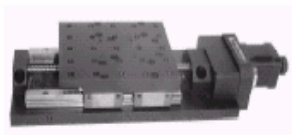
MOTORIZED LONG TRANSLATION STAGES

Metallic wrapped spring coupling, effectively protects the screw rod and the rail, may work under the bad environment. The safety wrap is the wiredrawing stainless steel, could guarantee its effective travel.

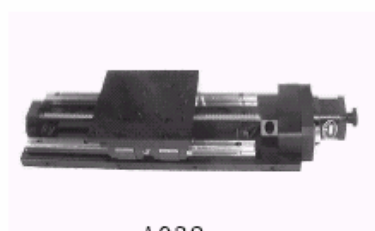
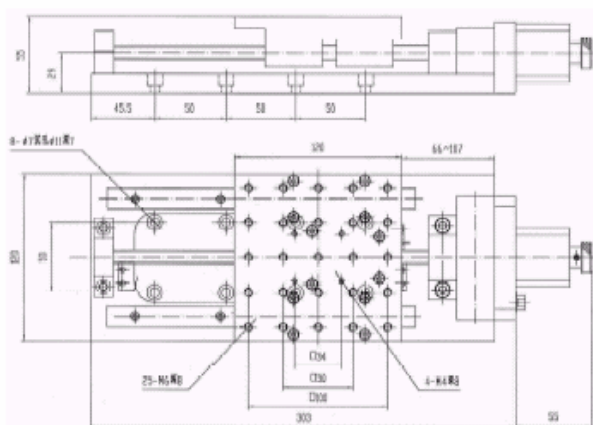
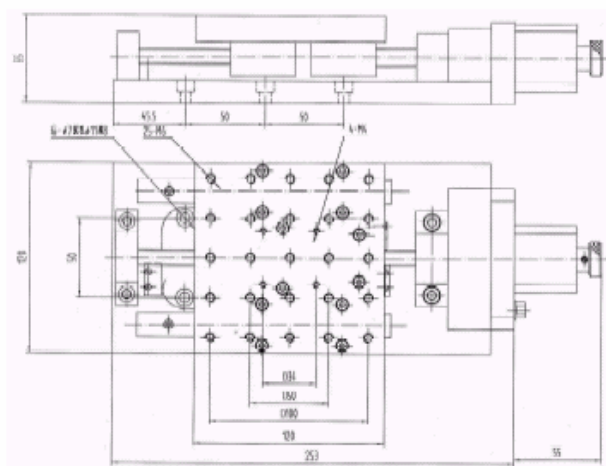


MOTORIZED LONG TRANSLATION STAGE

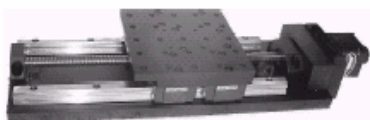
Use the import precision ball screw, linear ball bearing. Travel is long, load capacity is high and rigidity is good. Suitable for the environment which the industrial processing or needs high speed for a long time moving to and fro. The motorized long translation stages has two kinds: popularization and precise. The travel, shape and the installment is all the same, only has the difference in accuracy. Specification for your order.



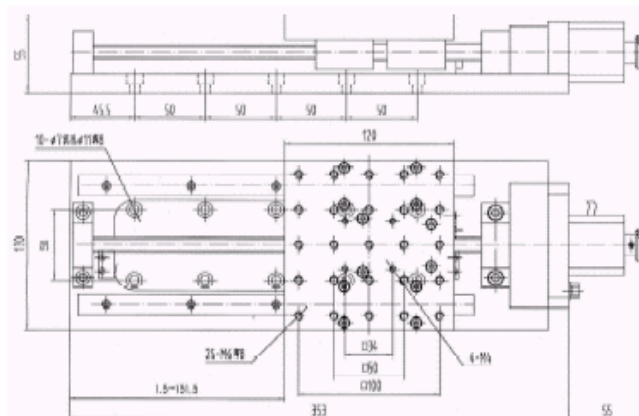
A031


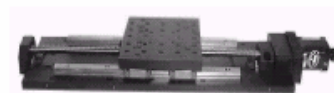


A032



A033





POPULARIZATION

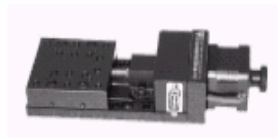
specification	A031	A032	A033	A034	A035	A036	A037	A038	A039
travel mm	50	100	150	200	250	300	400	500	700
Platform size	90 × 90	120 × 120	120 × 150	120 × 150	120 × 150	120 × 150	160 × 160	200 × 200	300 × 300
Drive	Linear ball bearing								
Screw pitch	4mm						5mm		
Resolution mm	0.00125						0.003125		
Maximum speed	25mm/s						31mm/s		
Accuracy	< 0.005mm								
Flatness and straightness	0.003mm	0.006mm	0.01mm	0.012mm	0.018mm	0.02mm	0.025mm	0.03mm	0.04mm
Hold torque	40Ncm						80Ncm	120Ncm	
Central load capacity	20kg			30kg			50kg	80kg	
weight	2.5kg	3kg	4kg	4.8kg	4.9kg	5.8kg	6.8kg	7.9kg	9.9kg

PRECISE

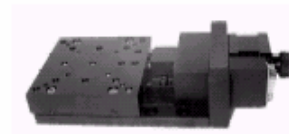
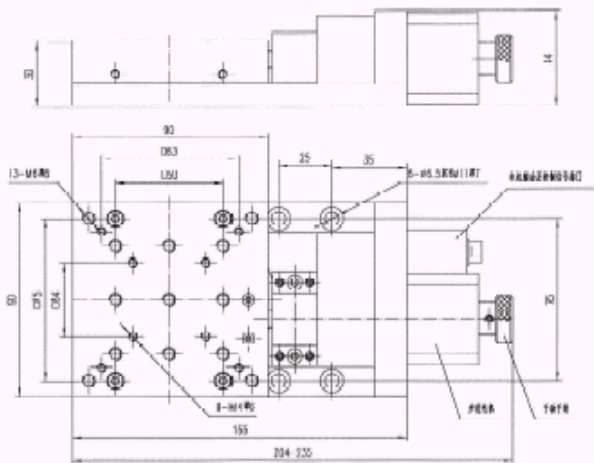
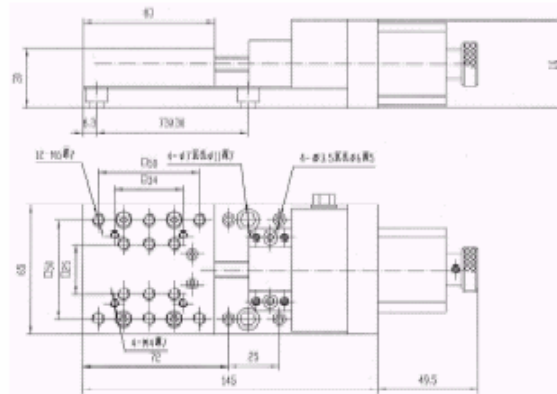
Specification	A031M	A032M	A033M	A034M	A035M	A036M	A037M
travel mm	50	100	150	200	250	300	400
Platform size mm	90 × 90	120 × 120	120 × 150	120 × 150	120 × 150	120 × 150	160 × 160
Drive	linear ball bearing						
Screw pitch	4mm						5mm
Resolution	0.00125						0.003125
Maximum speed	25mm/s						31mm/s
Accuracy	< 0.003mm						
Flatness and straightness	0.003mm	0.006mm	0.01mm	0.012mm	0.018mm	0.02mm	0.025mm
Hold torque	40Ncm						80Ncm
Central load capacity	20kg			30kg			50kg
weight	2.5kg	3kg	4kg	4.8kg	4.9kg	5.8kg	6.8kg

MOTORIZED SMALL-SIZE TRANSLATION STAGES

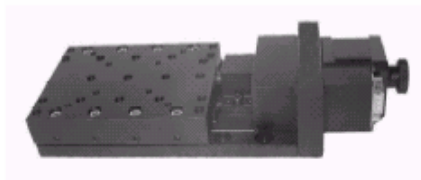
Researches in thorough detail thread screw, cross-post rail. Structure compact, contour exquisite, high resolution, movement steady. Suitable for the scientific experiment.



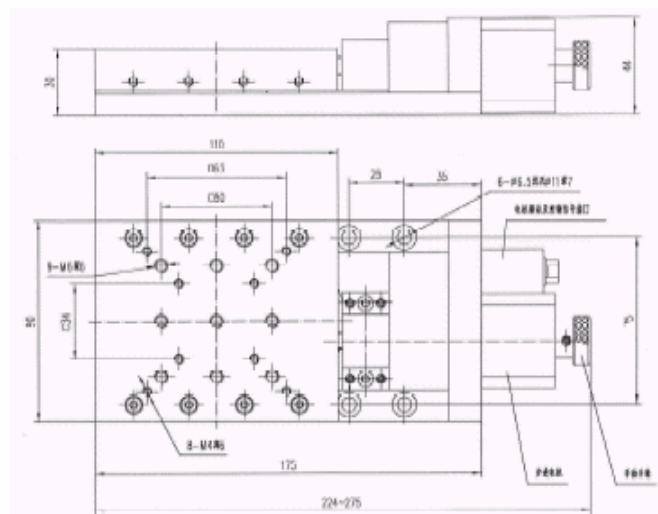
A021

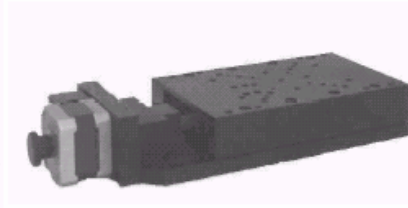
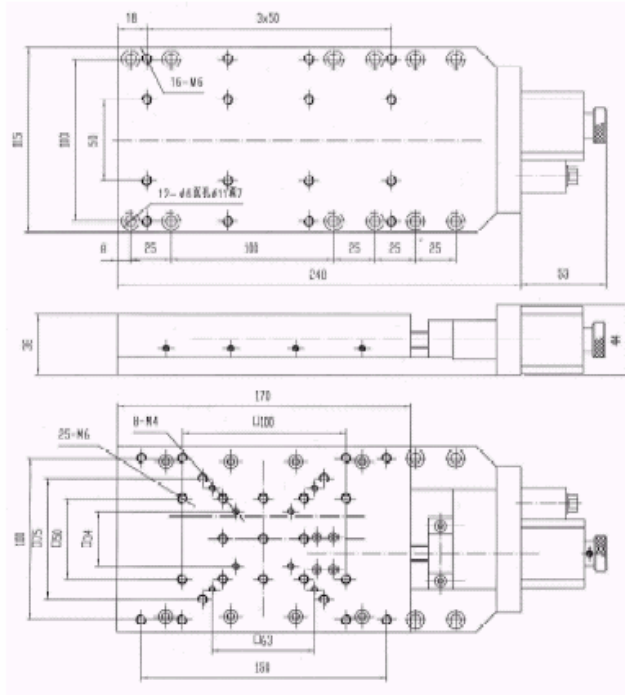


A022



A023



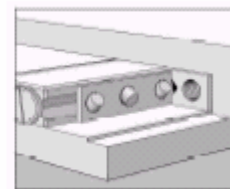
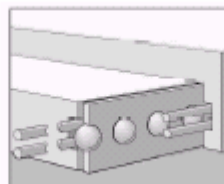
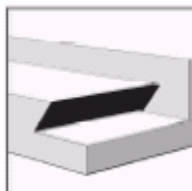


A024

specification	A021	A022	A023	A024
travel mm	10	30	50	100
platform size mm	65 × 65	90 × 90	90 × 110	115 × 170
drive mechnisam	V-shape +cross-post rail			
screw pitch	0.5mm	1mm		
resoution mm	0.0003125	0.000625		
maximum speed	6mm/s	12 mm/s		
accuracy	< 0.003mm	< 0.005mm		
faltness and straightness	0.003mm	0.01mm	0.012mm	0.025mm
hold torque	40 Ncm			
central load capacity	10 kg			
weight	1.1kg	1.25kg	1.4kg	2kg

PRECISION TRANSLATION STAGE

This kind of precision translation stages use linear-bearing + roller, V-shape rail + cross-post rail and swallowtail screw and so on. Micrometers and the fine adjustment screw is the animate. All the kinds of travel, precision, load capacity and base plate could be provision. Multi-holes design for your order, assembly for multi-axis translation stages.

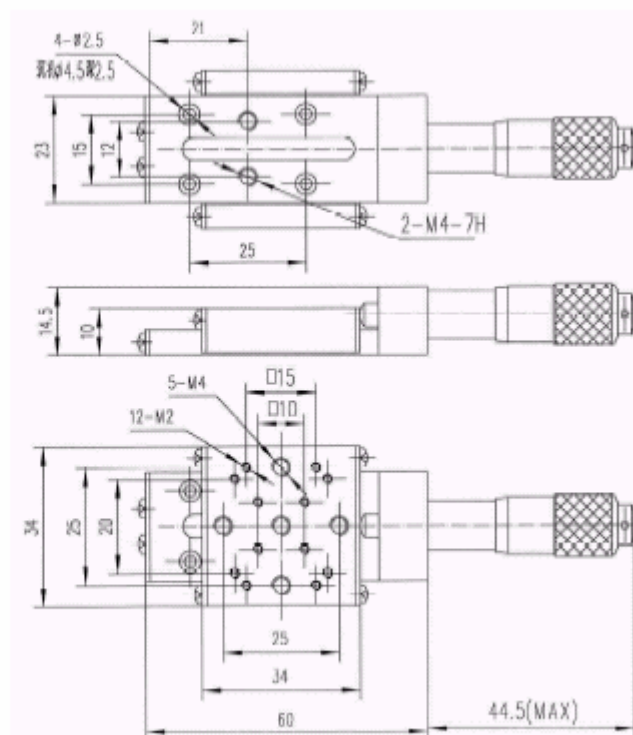


BP13-1/ BP13-1C/ BP13-2/ BP13-2C 精密平移台

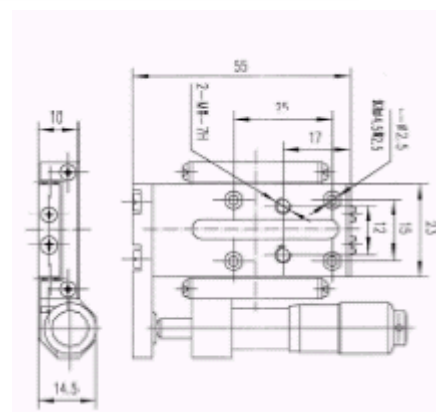
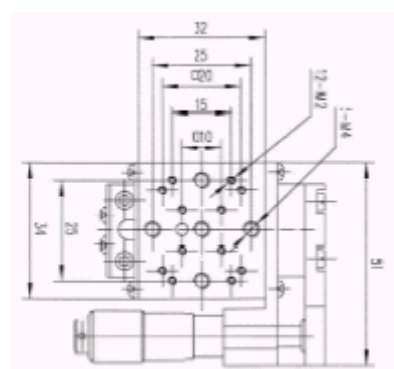
Specification	BP13-1	BP13-1C	BP13-2	BP13-2C
animate	fine adjustment screw	micrometer	fine justment screw	micrometer
animate stand	center		side	
rail	linear bearing + ball			
travel	13mm			
minimum reading	0.01mm		0.01mm	
precision	0.005mm			
resolution	0.002mm			
weight	0.05kg	0.07kg	0.05kg	0.07kg
load capacity	2kg			

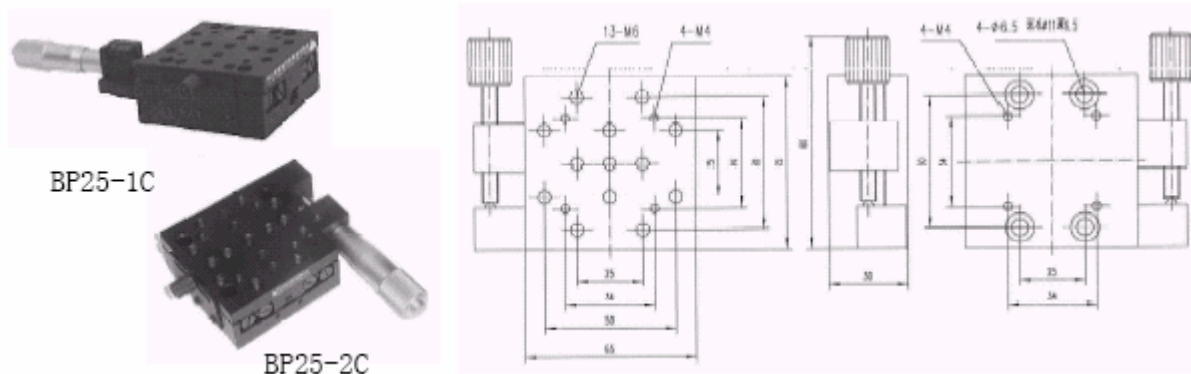


BP13-1C



BP13-2C

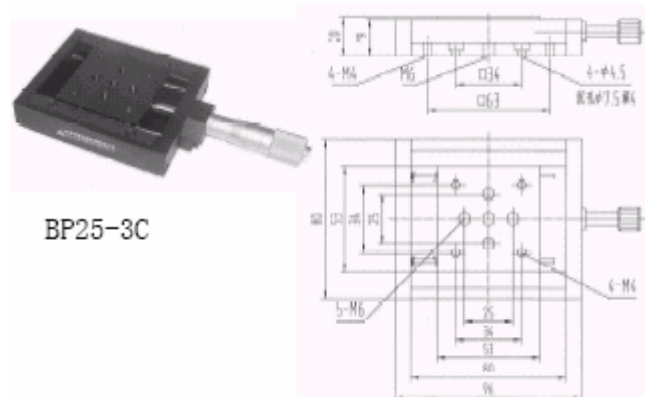




BP25-1/ BP25-1C/ BP25-2/ BP25-2C 精密平移台

Specification	BP25-1	BP25-1C	BP25-2	BP25-2C
animate	fine adjustment screw	micrometer	fine adjustment screw	micrometer
animate stand	center		side	
rial	linear bearing + ball			
travel	25mm			
minimum reading	0.01mm		0.01mm	
precision	0.005mm			
resolution	0.002mm			
weight	0.35kg	0.45kg	0.35kg	0.45kg
load capacity	5kg			

Specification	BP25-3	BP25-3C
animate		micrometer
animate stand	center	
rail	V-shape rail + ball	
reavel	25mm	
minimum reading		0.01mm
precision	0.005mm	
resolution	0.002mm	
weight	0.4kg	0.5kg
load capacity	5kg	



BP125-1 PRECISION TRANSLATION STAGE

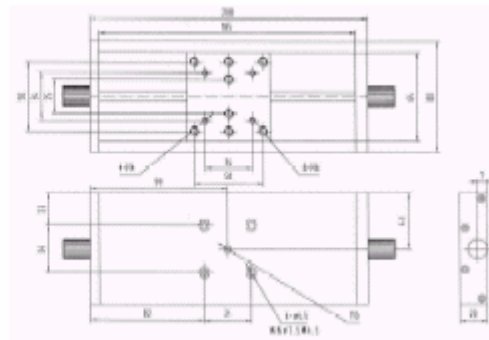
Travel : 125mm

Rail : Swallowtail screw

Precision : 0.05mm

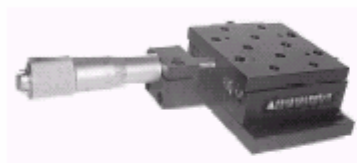
Load capacity : 20kg

Weight:0.65kg

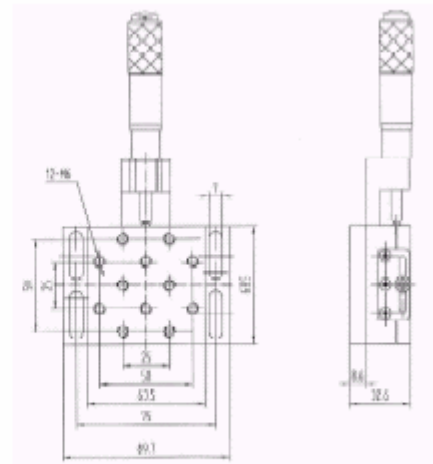


MULTI-AXIS TRANSLATION STAGES

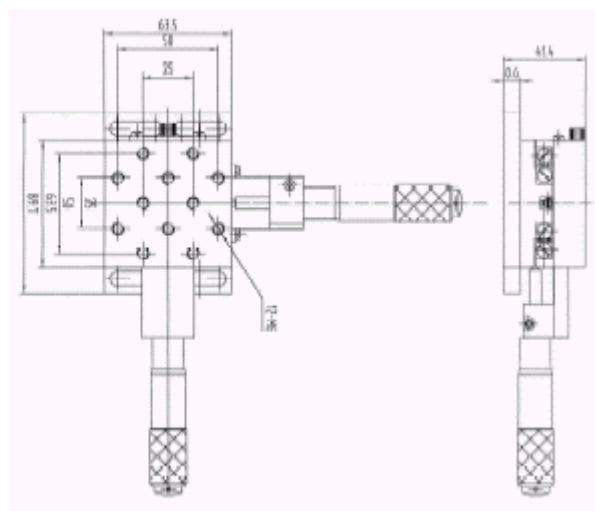
Monolithic configuration ,compacted configuration, load capacity and precision is high, stability is better. Right- and left- handed configuration.(“L” after the specification is left-handed.)

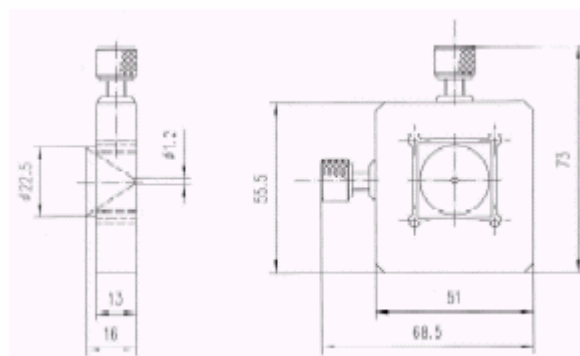


BP25-4C



BP25-5C (L)





PRECISION VERTICAL TRANSLATION STAGE

BS5-1V MINI VERTICAL TRANSLATION STAGE

Gritted screw to vertical. Fabric ingenuity, flatness. Manual drive hand-wheel, which can be locked.

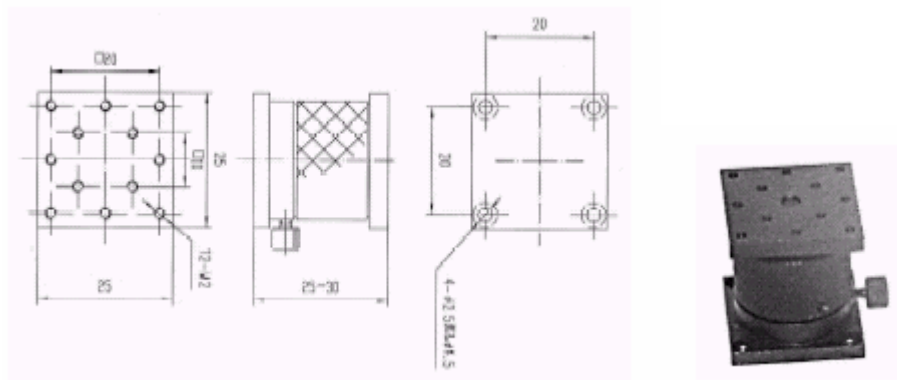
Travel : 5mm

Animate : manual drive

Resolution : 0.003mm

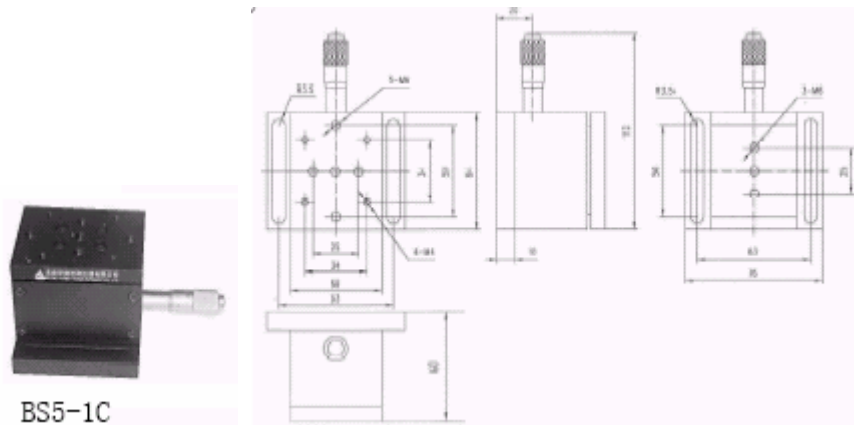
Load capacity : 3kg

Weight : 0.05kg



BS5-1/ BS5-1C VERTICAL TRANSLATION STAGE

Changeful proportion wedge technique, assembly precision linear bearing, high precision, high load capacity, long life. Animate by micrometers or fine adjustment screw. Easy to use.



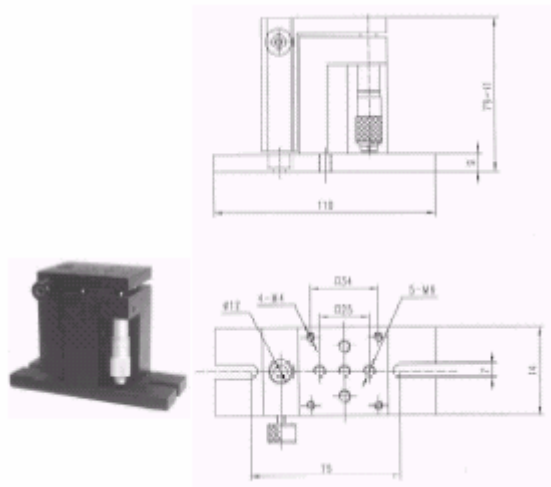
BS5-1C

Specification	BS5-1	BS5-1C
animate	fine adjustment screw	micrometers
animate stand	horizontal center	
rail	V-shape rail+ball	
travel	5mm	
minimum reading		0.01mm
precision	0.003mm	
resolution	0.001mm	
weight	0.55kg	0.6kg
load capacity	10kg	

BS13-1/ BS13-1C VERTICAL TRANSLATION STAGE

Use the import linear bearing, high precision. Flatness .

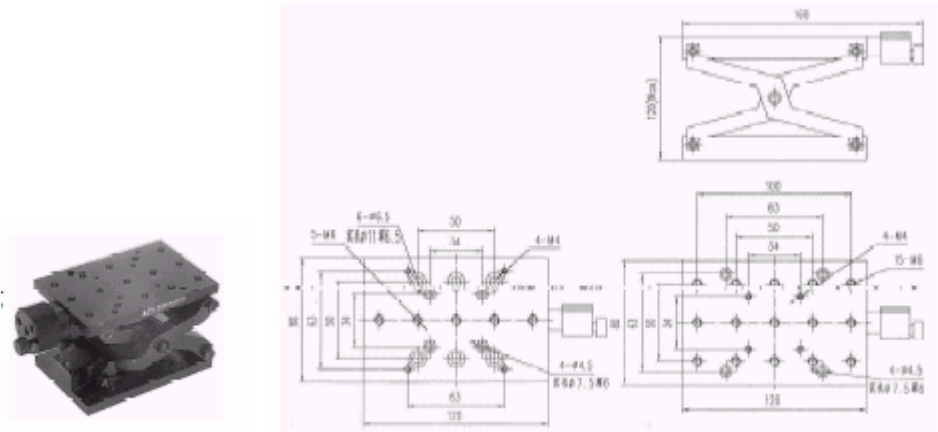
Specification	BS13-1	BS13-1C
animate	fine adjustment screw	micrometer
animate stand	verical center	
rail	linear bearing	
travel	13mm	
minimum reading		0. 01mm
precision	0. 003mm	
resolution	0. 001mm	
weight	0. 55kg	0. 6kg
load capacity	2kg	



BS60-1 VERTICAL TRANSLATION STAGE

Swallowtail mount, Hex-drive, double rail 5-spindle ex-orientation makes movement steady, high precision, high loas capacity. Manual drive hand-wheel which can be locked.

Travel : 60mm
Resolution : 0.01mm
Load capacity : 20kg
Weight : 1.2kg



BS120-1 VERTICAL TRANSLATION STAGE

Swallowtail mount, Hex-drive, double rail 5-spindle ex-orientation makes movement steady, high precision, high

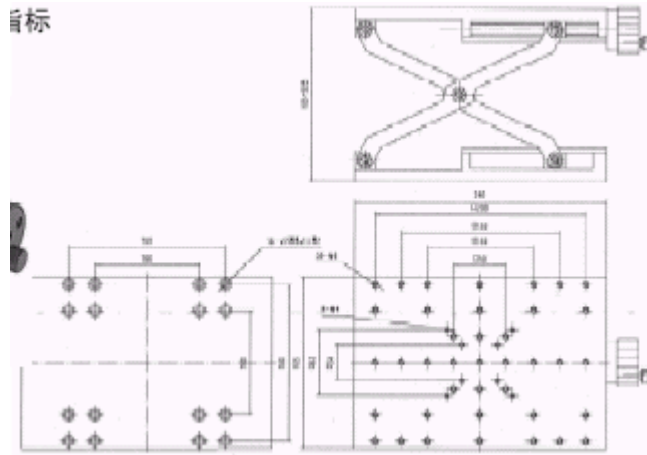
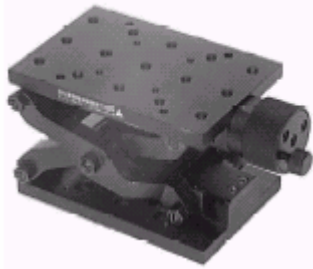
load capacity. Manual drive hand-wheel which can be locked.

Travel : 120mm

Resolution : 0.01mm

Load capacity : 30kg

Weight : 3.2kg



ASSEMBLY OF POSITIONING STAGES

Assembly 1:

Function: 3-axis translation

Travel: XY:25mm

Z:13mm

BP25-2C two

BS13-1C one

DB-1 one



Assembly 2:

Function: 3-axis translation

Travel : XY : 25mm

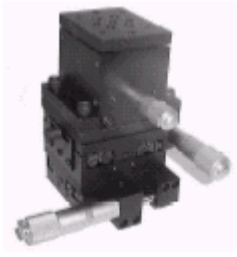
Z : 5mm

BP25-2C two

BS5-1C one

DB-11 one

DB-1 one



Assembly 3

Function: 3-axis translation

Travel : XY : 25mm

: 360 °

BP25-2C two

BR82-1C one

DB-1 one



Assembly 4

Function: 6-axis translation

Travel : XY : 25mm

Z : 5mm

: 360 °

T : 2-axis $\pm 5^\circ$

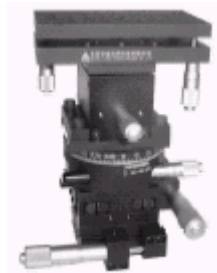
BP25-2C two

BS5-1C one

BR82-1C one

BT211C one

DB-1 one



Assembly 5

Function: 6-axis translation

Travel : XY : 25mm

Z : 5mm

: 360 °

T : 2-axis $\pm 5^\circ$

BP25-2C two

BS5-1C one

BR82-1C one

EL101 one

DB-1 one



Assembly 6

Function: 4-axis translation

Travel : XYZ : 25mm

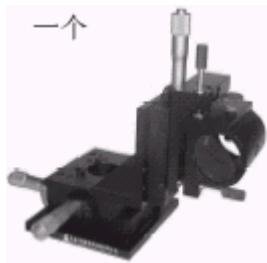
T : 2-axis $\pm 5^\circ$

BP25-3C three

EL103 one

DZ-1 one

DB-1 one



Assembly 7

Function: 2-axis translation

Travel : XY : 25mm

BP25-1C two

DB-1 one



Assembly 8

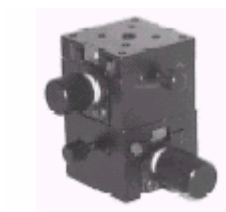
Function: 2-axis rotary

Travel : x : $\pm 30^\circ$

y : $\pm 15^\circ$

BG102 one

BG103 one



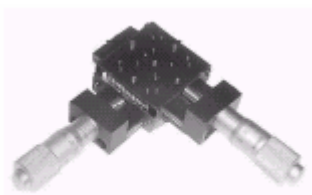
Assembly 9

Function: 2-axis

Travel : 2-axis 13mm

BP13-1C two

DB-10 one



Assembly 10

Function: 2-axis

Travel : 2-axis 13mm

BP13-2C two

DB-10 one



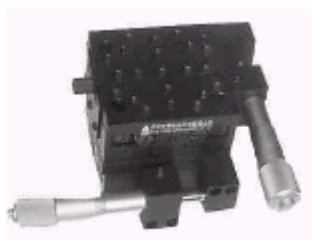
Assembly 11

Function: 2-axis

Travel : 2-axis 25mm

BP25-2C two

DB-1 one



Assembly 12

Function: 2-axis

Travel : 2-axis 25mm

BP25-3C two

DB-1 one



Assembly 13

Function: 3-axis

Travel : 3-axis 13mm

BP13-1C three

DZ-5 one

DB-10 one



Assembly 14

Function: 3-axis

Travel : 3-axis 13mm

BP13-2C three

DZ-5 one

DB-10 one



Assembly 15

Function: 3-axis

Travel : 3-axis 25mm

BP25-2C three

DZ-4 one

DB-1 one



Assembly 16

Function: 3-axis

Travel : 3-axis 25mm

BP25-3C three

DZ-1 one

DB-1 one

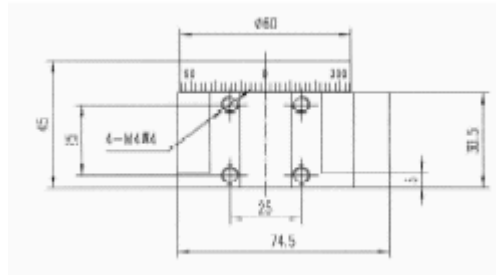


Motorized rotary stages system

The motorized-rotary-stages' important parts used axis-system and worm. Fabric reasonable. Materials excellent. No-shake, no noise and no declination. Speed quickly, load capacity and precision is high. Resolution accurate. Long life.

MOTORIZED PRECISION ROTARY STAGES

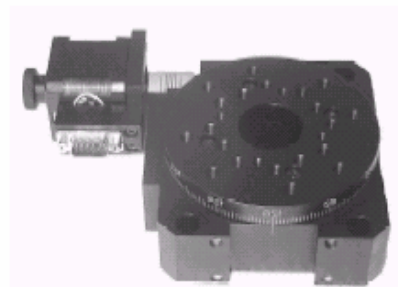
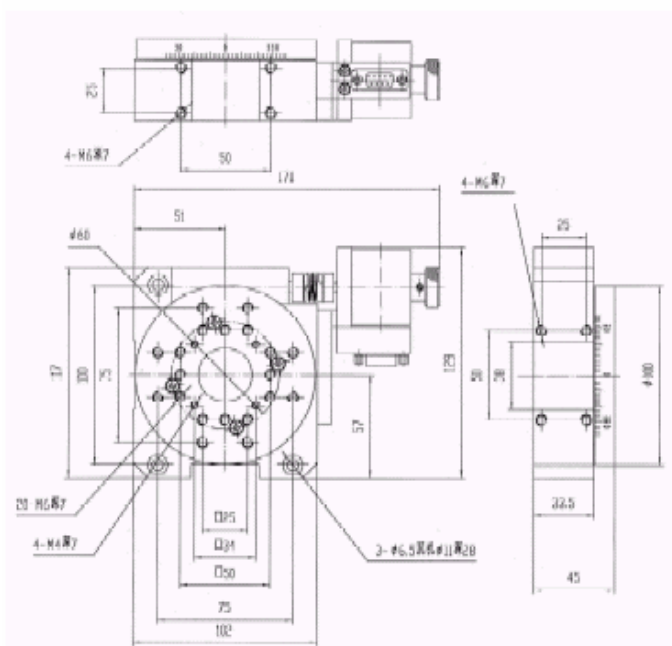
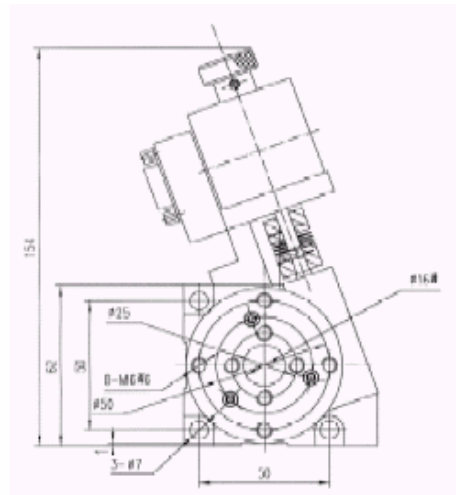
The motorized precision rotary stages used step motor for computer control. Realization angle automatic adjustment. Worm drive, vertical-axis. Precision and load capacity is high. Reducing clearance for long timework. Manual hand-wheel, also motor control. Central hole for positioning, 90° installment. May install the zero position optic electricity switches or the limit switch. Servomotor is also available for industrial application.



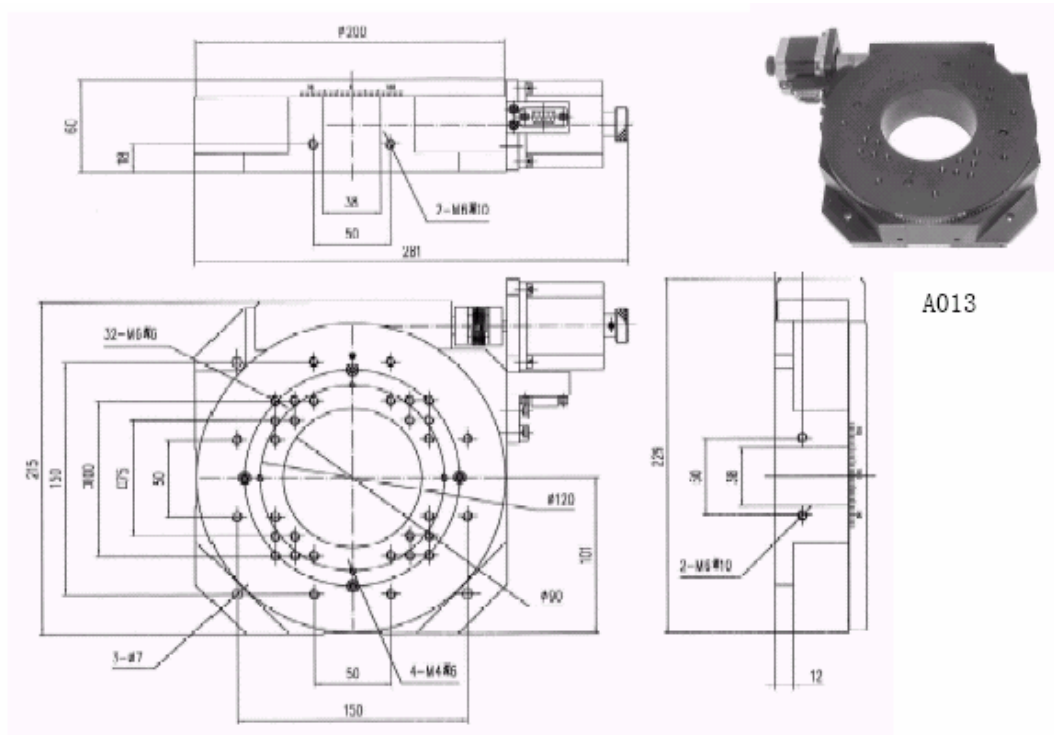
Standard connection, convenient signaling.



A011



A012



A013

specification	A011	A012	A013
diameter mm	60	100	200
transmission	90: 1	180: 1	180: 1
resolution	0.0025°	0.00125°	0.00125°
accuracy	< 0.01°	< 0.005°	< 0.004°
maximum speed	50° /s	25° /s	25° /s
setpping motor	2-axis	2-axis	4-axis
hold torque	40Ncm	40Ncm	80 Ncm
central load capacity	30kg	50kg	60kg
weight	1kg	1.6kg	7.7kg

PRECISION ROTATY STAGE

BR29-1 PRECISION ROTATY STAGE

Use worm drive to be fine adjustment, manual coarse adjustment. Free rotate during 360 degree all with graduations. Could install 0.5inch or 12 mm lenses.

Coarse adjustment range : 360 °

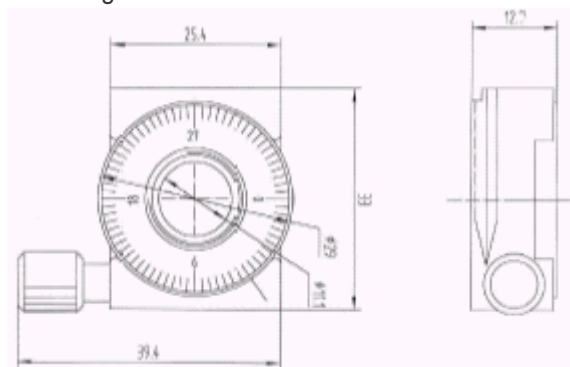
Fine adjustment range : 360 °

Graduation : 5 °

Minimum reading : 0.5 °

Load capacity : 2kg

Weight : 0.15kg



BR56-1 PRECISION ROTATY STAGE

Use precision axis design,M6 × 0.25 screw animate, precision is high, stability is better. Center hole 26mm ,could install by product. Two sides have normal distance screw holes.

coarse adjustment range : 360°

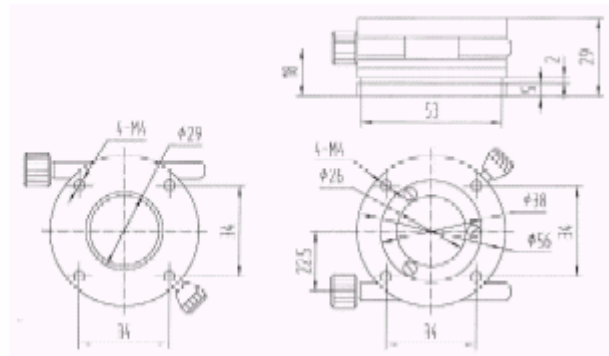
fine adjustment range : ± 3°

Graduation : 2°

Minimum reading : 0.2°

Load capacity : 2kg

Weight : 0.15kg



BR73-1/BR73-1C PRECISION ROTATY STAGE

Vertical-axis, the precision is high, could install in the honeycomb core breadboards. Center hole is M27 × 1, 90 ° installment.

coarse adjustment range : 360 °

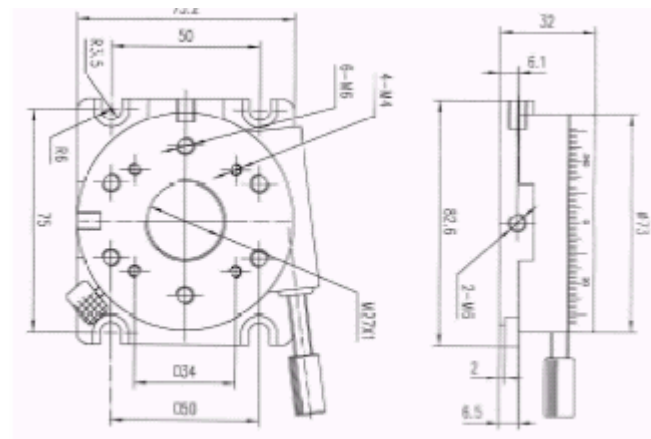
fine adjustment range : ± 5 °

Graduation : 1°

Minimum reading : 5'

Load capacity : 5 kg

Weight : 0.5kg



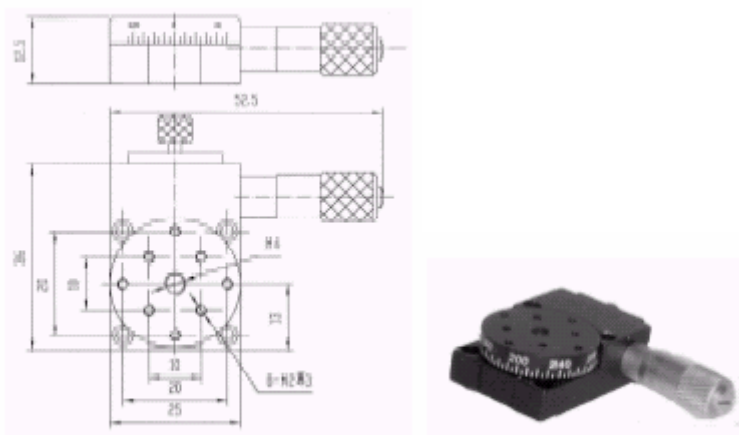
specification	BR73-1	BR73-1C
animator	fine adjustment screw	micrometer
minimum		0.01mm
resolution	10"	

BR25-1/ BR25-1C PRECISION ROTATY STAGE

Precision vertical-axis, fabric ingenuity. Assembly with other translation stages or tilt stages for multi-axis displacement stages.

coarse adjustment range : 360 °

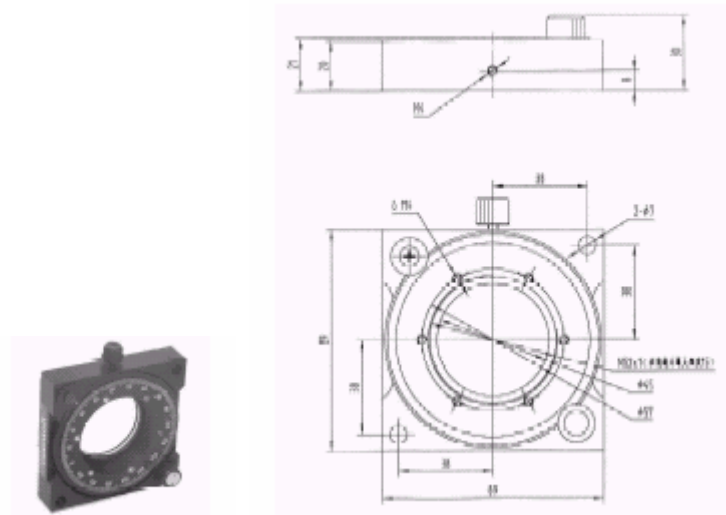
fine adjustment range : $\pm 5^\circ$
 Graduation : 5°
 Minimum reading : 30
 Load capacity : 0.6kg



specification	BR25-1	BR25-1C
animate	M4 × 0.3 fine adjustment screw	micrometer
minimum		0.01mm
resolution	60"	

BR50-1 ROTARY BREADBOARD

This kind of rotary stages could adjust angle quickly or manual hand-wheel fine adjust. Center hole is M52 × 1 screw hole, could fix the optic parts which diameter is 2 inch or 50mm and other adjustment mount. Free rotate during 360 degree all with graduations angle iron quantify. Horizontal or vertical use. Manual drive hand-wheel which can be locked.



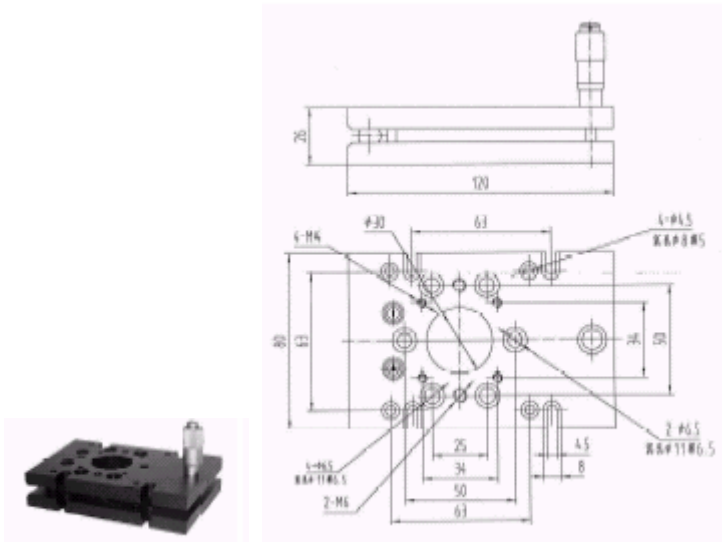
TILT PLATFORMS

Use the import dish spring replacement, stability is perfect. Assemble with displacement stages. Suitable for all needs.

BT111/ BT111C

Use the import dish spring replacement, stability is perfect.

Specification	BT111	BT111C
animate	fine adjustment screw	micrometer
adjustment axis	single	
adjustment range	$\pm 3^{\circ}$	
minimum reading		0.01mm
precision	0.003mm	
Resolution	0.001mm	
weight	0.5kg	0.5kg
load capacity	10kg	



BT200 TILT PLATFORMS

Use the import dish spring replacement, stability is perfect. Fabric ingenuity, horizontal or vertical installs.

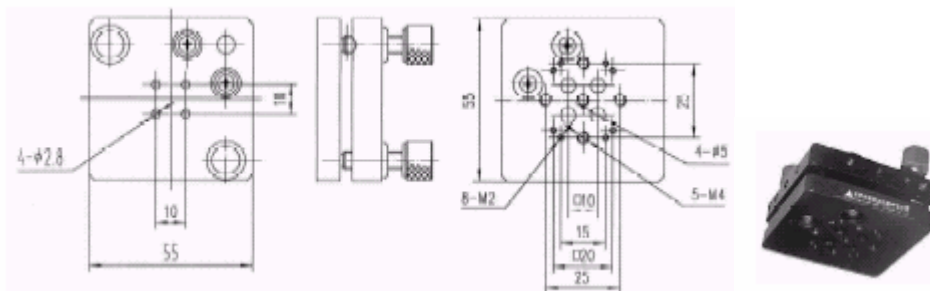
adjustment axis : double

animate : fine adjustment screw

adjustment range : $\pm 5^\circ$

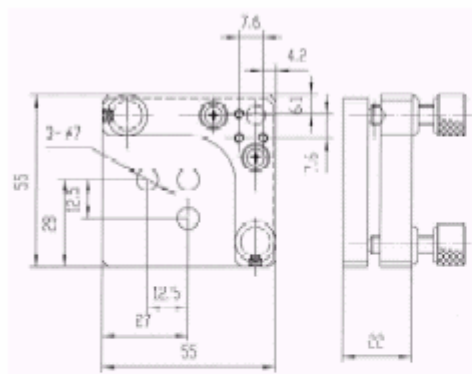
load capacity : 3kg

weight : 0.1kg

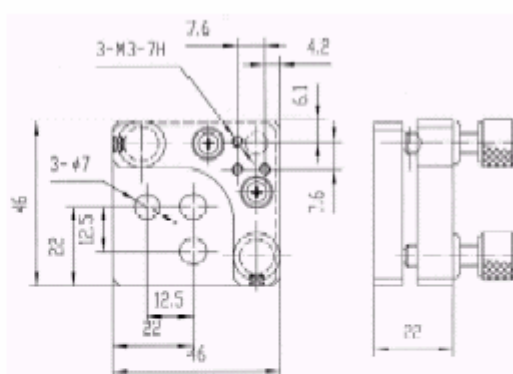


BT201/BT202 TILT PLATFORMS

Use the import dish spring replacements, stability is better.2-axis tilt adjust. Assemble with FG103 V-shape fiber collets and BP25-6C(L) to be 5-spindle adjust mount. Use in optic parts installment.



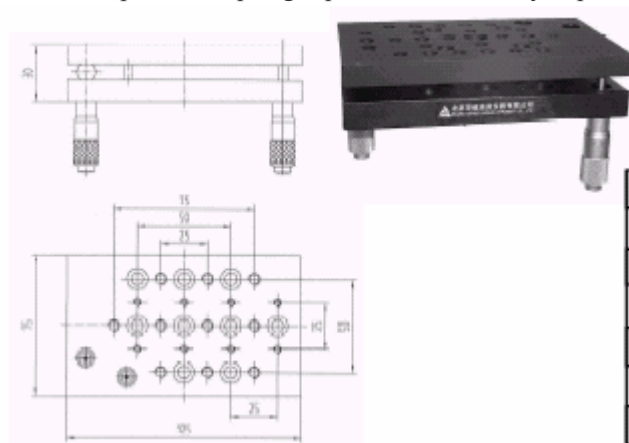
BT201



BT202

BT211/BT211C TILT PLATFORMS

Use the import dish spring replacement, stability is perfect.



Specification	BT211	BT211C
animate	fine adjustment screw	micrometer
adjustment axis	double	
adjustment range	$\pm 5^\circ$	
minimum reading		0.01mm
precision	0.003mm	
resolution	0.001mm	
weight	0.5kg	0.5kg
load caticity	10kg	

BG101 GONIOMETER

Rail: swallowtail rail

Drive: worm

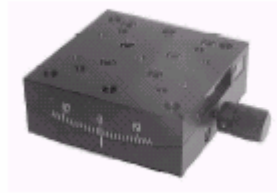
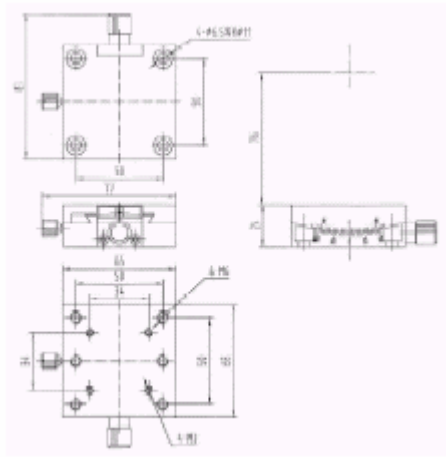
Adjustment range: $\pm 10^\circ$

Graduation : 1°

Minimum reading : 6

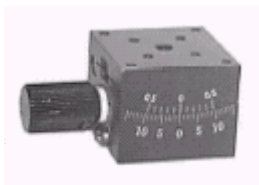
Load capacity: 6kg

Weight : 0.2kg

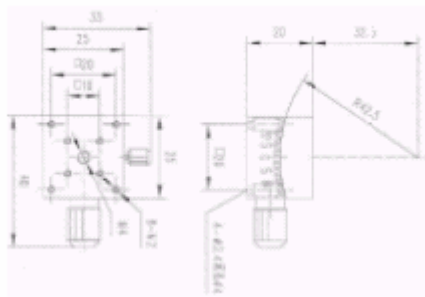


BG102/BG103 GONIOMETER

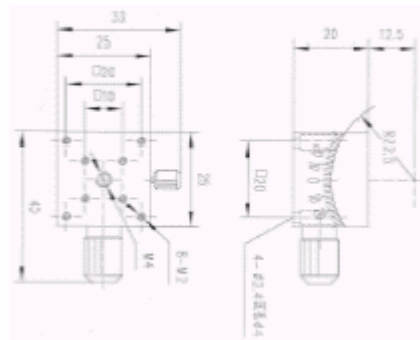
Independent use, also double use. Wind the same center rotate regular. Swallowtail rail, screw drive with locking manual drive hand-wheel.



BG102



BG103



Specification	Adjustment range	Axis high	Graduation	Central load capacity
BG102	$\pm 30^\circ$	12.5	2°	2kg
BG103	$\pm 15^\circ$	32.5	1°	2kg

BR101 TILT ROTATION STAGE

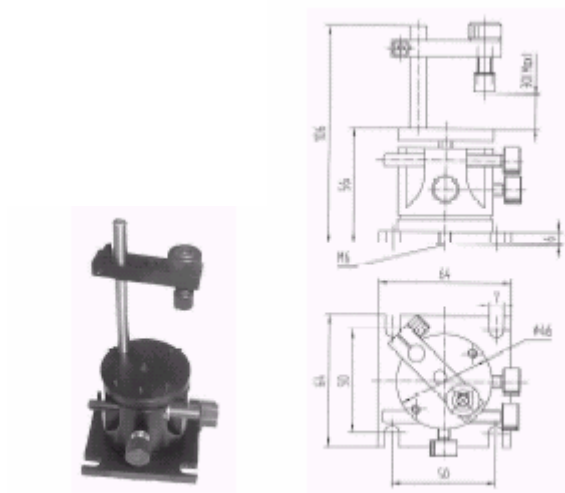
This kind of tilt rotation stage could wind the X-axis rotate to adjust x , wind Y-axis, Z-axis to tilt adjust y, θ_z . Adjust screw is M6 \times 0.25 fine adjustment screw, spring replacement precision adjust. Optic lenses could install in the top, install and dismount easy.

x : 7.5°

y ; 7°

z ; 7°

Weight 0.35kg



Optic adjustment mount

Optic adjustment mount main used in optic experiments, optic instrument, fixed and adjust optic parts in industrial production. Stability and precision is high. Function for your order,

GIMBAL OPTIC MOUNT

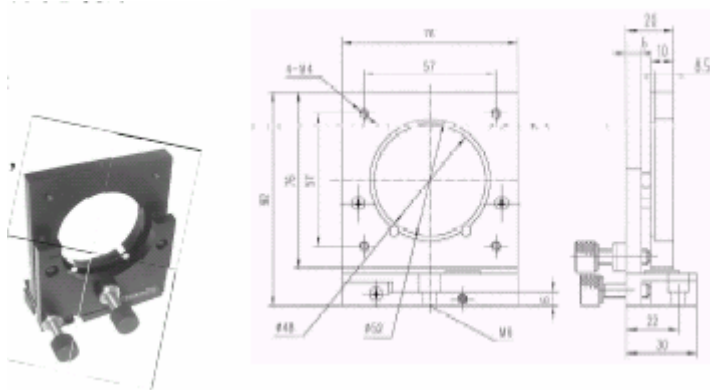
CG101/ CG102/ CG103 GIMBAL OPTIC MOUNT

Use $M6 \times 0.25$ fine adjustment screw ,dish spring replacement ,precision is high, stability is perfect.

Adjustment range : $\pm 5^\circ$

Resolution : $5''$,

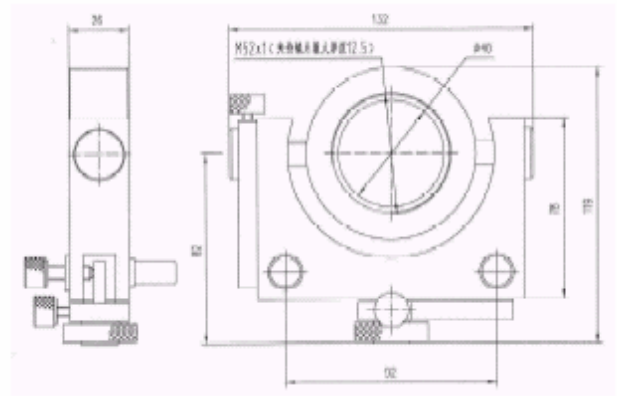
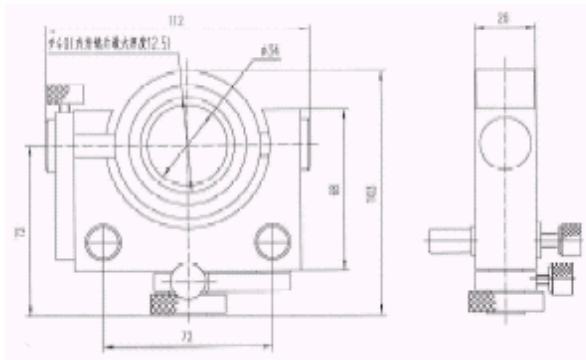
Lenses : 50、 $\phi 80$ 、 $\phi 100$



CG201 GIMBAL LENS MOUNT

2-axial adjust, fine adjustment screw for precision or coarse adjust. Use $M6 \times 0.25$ fine adjustment screw, special fine adjustment screw can be locked.

Adjustment range : coarse adjustment 360° , fine adjustment $\theta_y : \pm 2^\circ$, $\theta_z : \pm 4^\circ$, resolution : $5''$



CG202 GIMBAL MOUNT FOR CYLINDRICAL LENSES

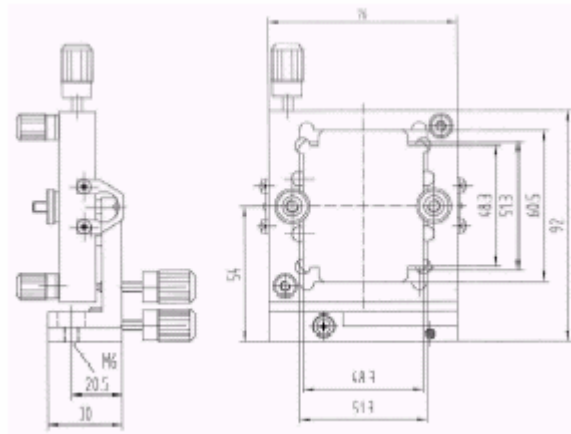
2-axial tilt adjust, Vertical or horizontal use.

2-axis tilt adjustment range : $\pm 4^\circ$

rotary adjustment range : $\pm 5^\circ$

length : 50 - 50.8mm

width : 60.5



CG203 5-AXIS GIMBAL OPTIC MOUNT

3-axis translation and two-axis rotation adjustment. Vertical-axis & horizontal-axis are coplanar. High adjustment resolution level is featured by using the M6 \times 0.25 adjustment screw .

Tx : 6mm

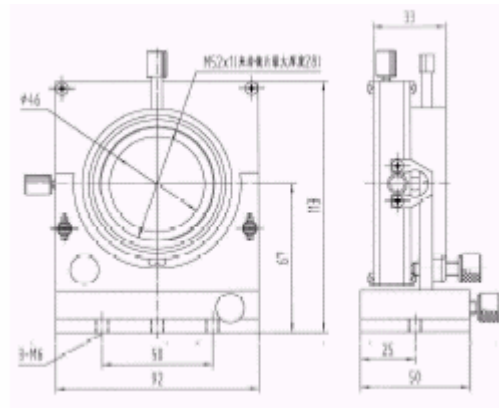
Ty : ± 2.5 mm

Tz : ± 2.5 mm

y : $\pm 2^\circ$

z : $\pm 4^\circ$

weight : 0.6kg



PRECISION PRISM MOUNTS

2-axial tilted adjustment. Fine adjustment screw ,dish spring replacement ,precision is high, stability is perfect.

CP101 PRECISION PRISM MOUNTS

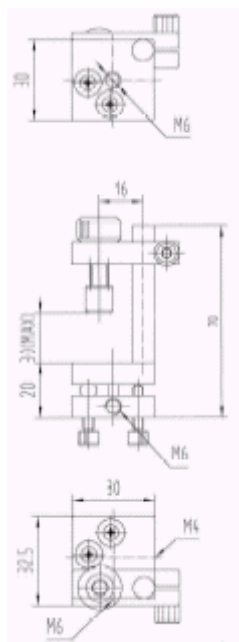
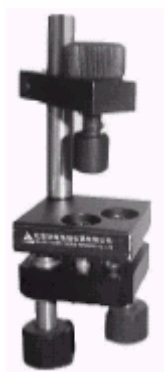
Applied optic height : 30mm(MAX)

Platform size : 30 × 30mm

Adjustment range : 5 °

Adjustment rail : M6 × 0.25(fine adjustment screw)

Weight : 0.18kg



CP102 PRECISION PRISM MOUNTS

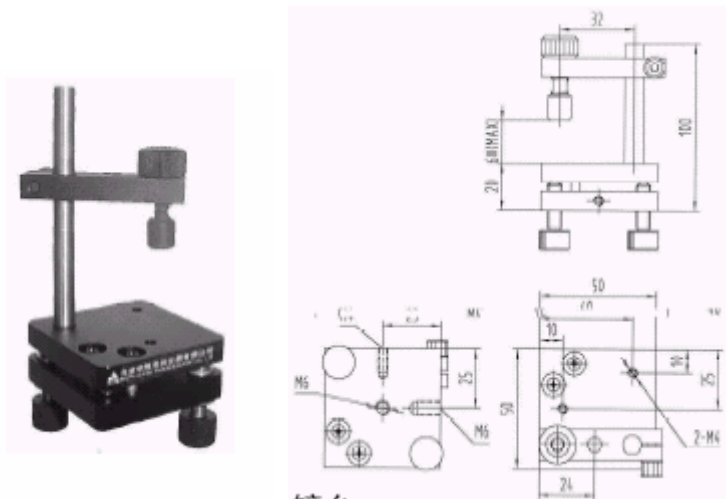
Applied optic height : 60mm(MAX)

Platform size : 50 × 50mm

Adjustment range : 5 °

Adjustment rail : M6 × 0.25(fine adjustment screw)

Weight : 0.18kg



CP103 PRECISION PRISM MOUNTS

Platform size : $30 \times 30\text{mm}$

Adjustment range : 5°

Adjustment rail : $M6 \times 0.25$ (fine adjustment screw)

Weight : 0.18kg

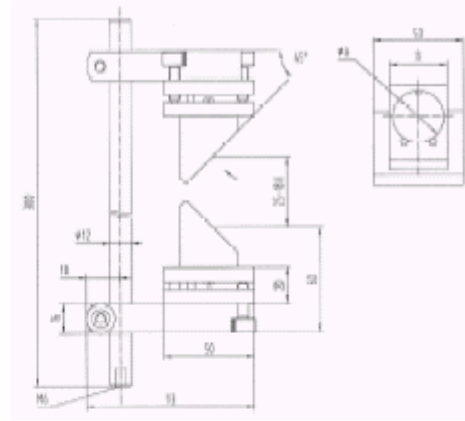


BEAM STEERERS

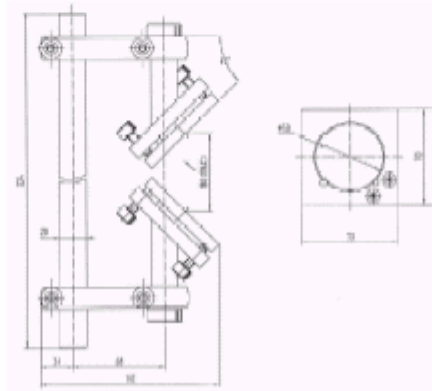
Lens base free rotate during 360° . Tilt adjustment range is $\pm 4^\circ$. Use $M6 \times 0.25$ fine adjustment screw, dish spring replacement, precision is high, stability is perfect. Adaptors used normal diameter stainless steel, install easy. Special specification for your order.



型号	A	B
CB101	25	32
CB102	20	32
CB103	30	36

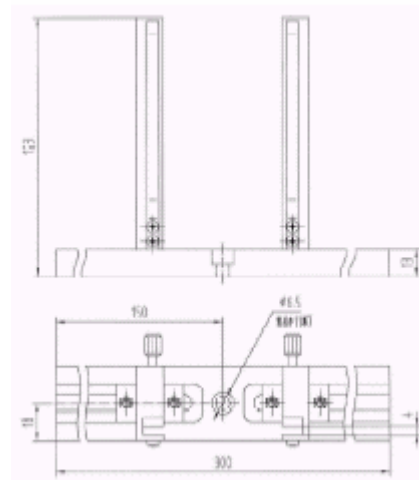


CB104 光束转折器



ADJUSTABLE PLATE HOLDER

Film piece or glass plate can be fixed. Width can be adjusted.

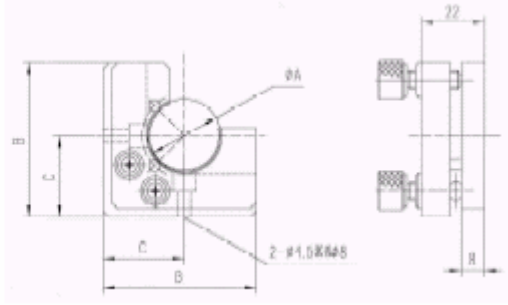


BEAMSPLITTER MIRROR MOUNT

Beam splitter mirror mount is the commonly used adjustment frame in the optical system, its adjustment comfortable degree and the fine degree as well as the durability, the stability are very important, the beam splitter mirror provides by our company uses the M6 \times 0.25 fine adjustment screw, several kinds of specifications. Manual drive hand-wheel that can be locked the special request for your order.

OM15 (20 , 25 , 30 , 40 , 50) -1D

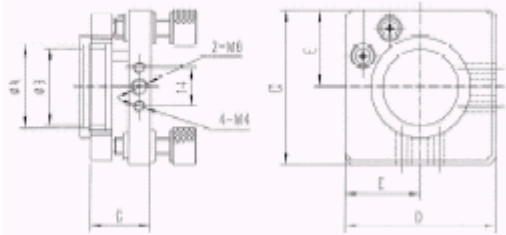
2-axial adjust, fine adjustment screw for precision adjust. High quality import dish spring replacement, stability is perfect. PTFE washer for protect. Open fabric design for install lenses. Screw holes in the two said, easy to install.



specification	OM15-1D	OM20-1D	OM25-1D	OM30-1D	OM40-1D	OM50-1D
A	15	20	25	30	40	50
B	46	48	53	58	73	78
C	24	25.5	28	30.5	40.5	50
weight	0.08kg	0.09kg	0.1kg	0.11kg	0.15kg	0.17kg

OM15 (20 , 25 , 30 , 40 , 50) -1Y

2-axial adjust, fine adjustment screw for precision adjust. High quality import dish spring replacement, stability is perfect. PTFE washer for protect.. Screw holes in the two said, easy to install.



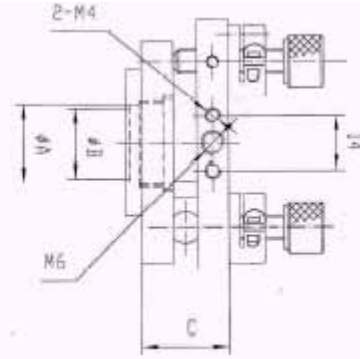
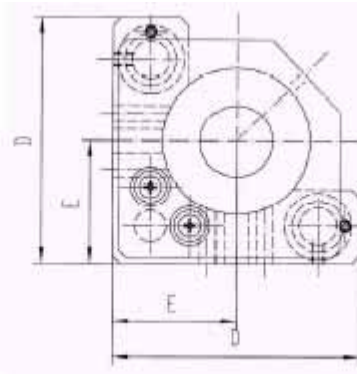
specification	OM15-1Y	OM20-1Y	OM25-1Y	OM30-1Y	OM40-1Y	OM50-1Y
A	15	20	25	30	40	50
B	13	18	23	28	38	47
C	22	22	22	22	28	28
D	56	56	56	56	70	70
E	28	28	28	28	36	36
weight	0.13kg	0.13kg	0.15kg	0.15kg	0.17kg	0.17kg

OM15 (20 , 25 , 30) -1YS

2-axial adjust, fine adjustment screw for precision adjust. High quality import dish spring replacement, stability is perfect. PTFE washer for protect.. Screw holes in the two said, easy to install. Special fine adjustment screw can be locked.

Adjustment range : $\pm 5^{\circ}$

Resolution : 5"



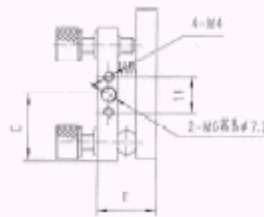
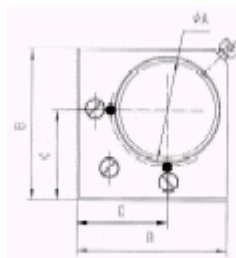
specification	OM15-1YS	OM20-1YS	OM25-1YS	OM30-1YS
A	15	20	25	30
B	13	18	23	28
C	22	22	22	22
D	62	62	62	62
E	31	31	31	31
weight	0.13kg	0.13kg	0.13kg	0.13kg

OM15 (20 , 25 , 30 , 40 , 50) -1DLS

2-axial adjust, fine adjustment screw for precision adjust. High quality import steel spring replacement, stability is perfect. PTFE washer for protect.. Screw holes in the two said, easy to install. Special fine adjustment screw can be locked.

Adjustment range : $\pm 4^\circ$

Resolution : 5"



specification	OM15-1DLS	OM20-1DLS	OM25-1DLS	OM30-1DLS	OM40-1DLS	OM50-1DLS
A	15	20	25	30	40	50
B	51	51	51	51	57	69
C	28	28	28	28	35	41
D	25.5	25.5	25.5	25.5	25.5	28.5
E	23	23	23	23	31	31
weight	0.13kg	0.13kg	0.13kg	0.13kg	0.15kg	0.21kg

OM15-1S/ OM20-1S

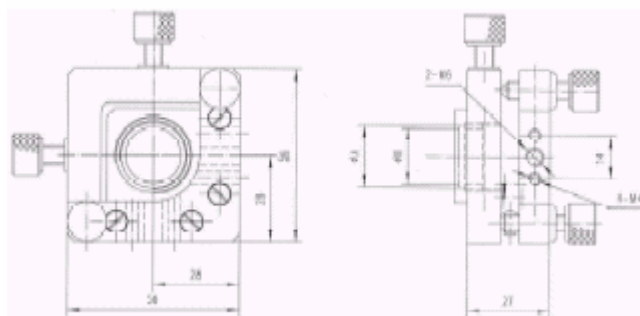
4-axial adjust, fine adjustment screw for precision adjust. High quality import steel spring replacement, stability is perfect. PTFE washer for protect.. Screw holes in the two said, easy to install. Special fine adjustment screw can be locked.

Adjustment range : y : $\pm 4^\circ$;

z : $\pm 4^\circ$;

Ty : 4mm;

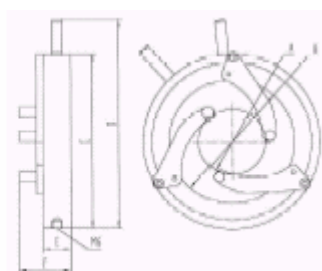
Tz : 4mm.



specification	OM15-1S	OM20-1S
A	15	20
B	13	18
weight	0.28kg	0.28kg

SELF-CENTERING LENS MOUNTS

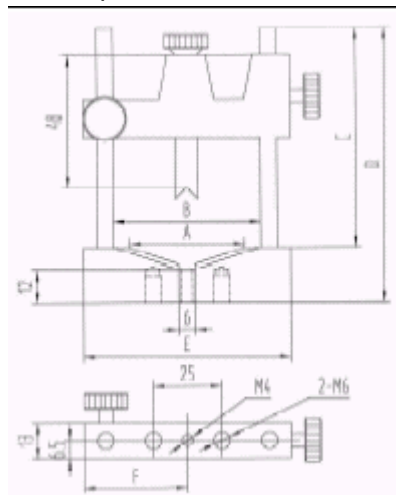
Optical axis maintains while changing various diameter lenses. Spring replacement



specification	A	B	C	D	E	F	weight
CN001	5-50	46	70	90	11	19	0.15kg
CN002	5-76	72	102	126	16	30	0.2kg

ADJUSTABLE LENS HOLDERS

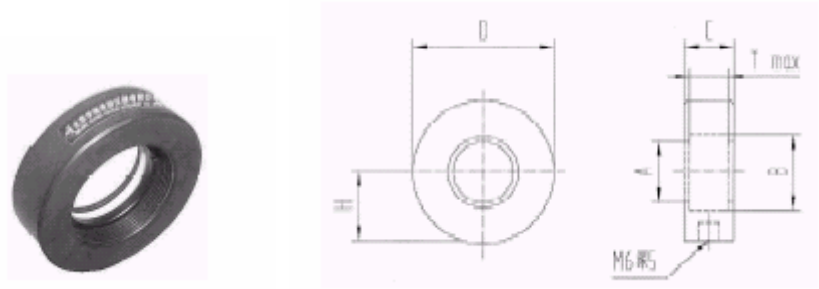
Separate stainless steel clamp. Coarse and fine adjustment for quick-change, free rotate during 360 degree. V-shape PTFE collets protect the lenses.



specification	A	B	C	D	E	F	Applied optic diameter	weight
CH101	90	105	126	151	127	63.5	10-100	0.25kg
CH102	65	80	106	128	102	51	5-75	0.20kg
CH103	42	54	80	100	76	38	5-50	0.15kg
CH104	108	154	192	210	178	89	20-150	0.5kg

LENS HOLDERS

For many kinds of mirrors. PTFE washer protects the lenses. Special specification for your order.



specification	CM101	CM102	CM103	CM104	CM105	CM106	CM107	CM108	CM109
A	16.5	19	21.5	24	29	34	39	49	49
B	12	17	22	26	36	45	55	74	94
C	15	20	25	30	40	50	60	80	100
D	14	14	14	14	18	18	22	22	24
E	35	40	45	50	60	70	80	100	100
T	8	8	8	8	12	12	16	16	16

POLARIZER HOLDER

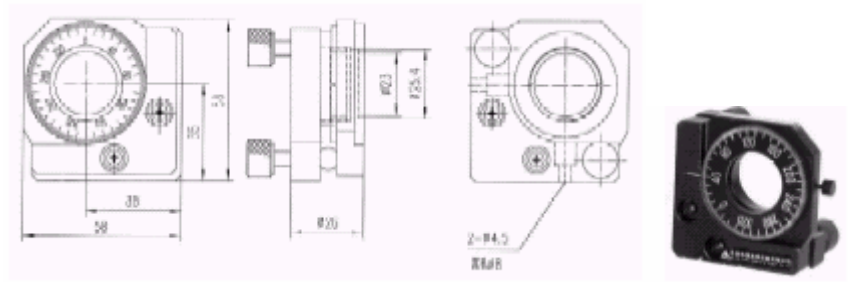
CPM101

3-axial tilt adjustment by using the fine adjustment screw. Applicable polarize diameter 1 inch (25.4mm). Manual drive hand-wheel which can be locked. Import dish spring replacement ,precision is high, stability is perfect.

Adjustment range: θ_x : 360° ;

θ_y : 10° ;

θ_z : 10°



PRECISION FIBER COUPLERS

FC101 PRECISION FIBER COUPLERS

5-axial adjustment. Ty、Tz、 y、 z adjust by M6 × 0.25 fine adjustment screw, Tx adjust by 0.5mm screw.

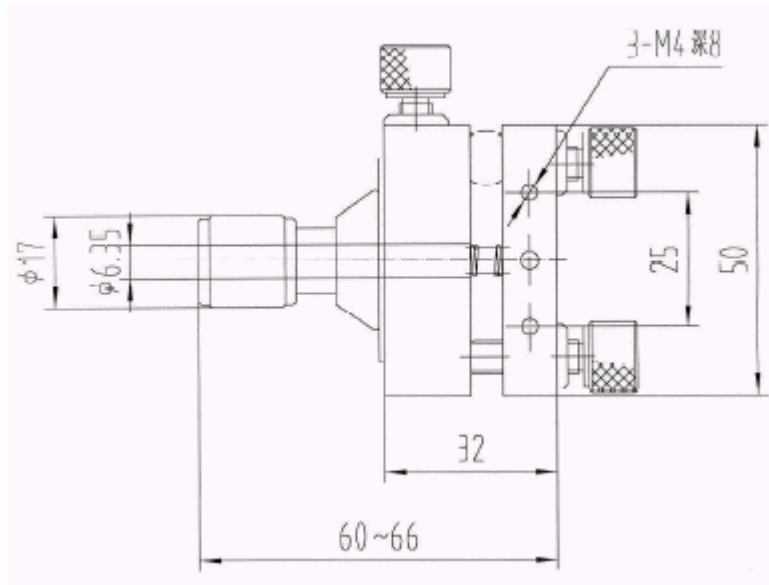
Tx : 6mm resolution:0.001mm

Ty : ±2mm resolution 0.0005mm

Tz : ±2mm resolution 0.0005mm

y : ±4° resolution 5"

z : ±4° resolution 5"



FC111 精密光纤耦合器

Assembly of precision fine couplers and microscope objectives.

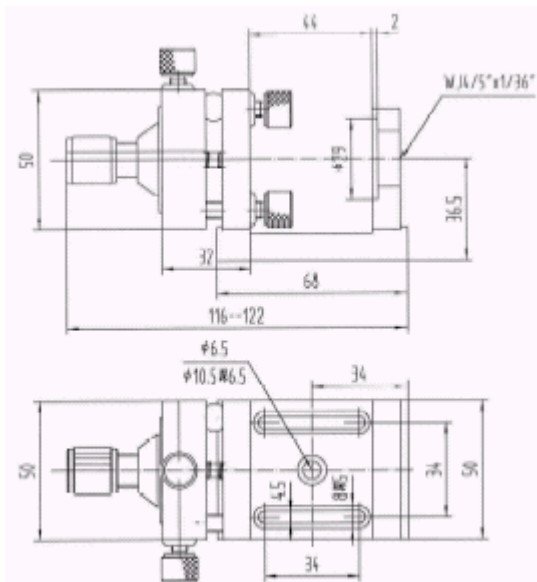
Tx : 6mm resolution 0.001mm

Ty : ±2mm resolution 0.0005

Tz : ±2mm resolution 0.0005

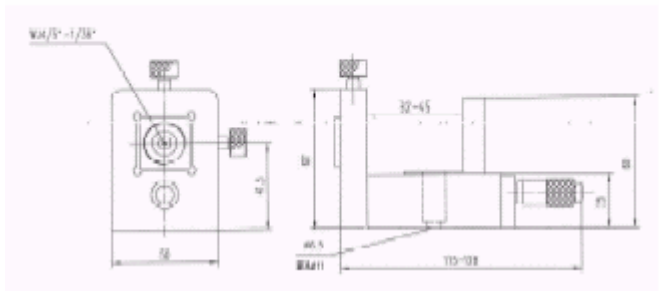
y : ±4° resolution 5"

z : ±4° resolution 5"

[illegible]

PRECISION SPATIAL FILTER

FS101/FS101C



specification	FS101	FS101C
adjust axis	XYZ	
animate	fine adjustment	micrometer
animate stand	screw	center
rail	linear bearing + ball	
travel	Tx : 13mm Ty/Tz : 3mm	
minimum		0.01mm
percision	0.005mm	
weight	0.5kg	0.55kg

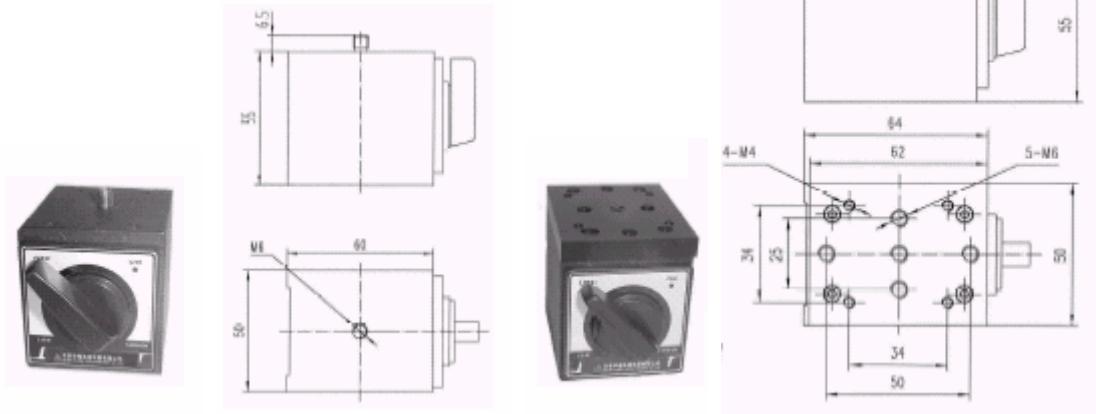
MAGNETIC BASES

The magnetic foundation could fix in contains magnetism stainless steel in optics table or optics breadboards. Library used.

DM-1/DM-2 MAGNETIC BASES

Absorbability : 60kg

Weight : 1kg



DM-3 MAGNETIC BASES

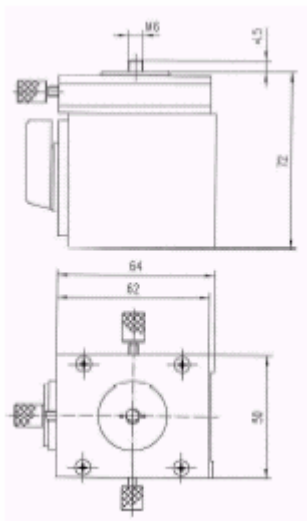
2-axis translation fine adjust and can be locked. M4×0.3 fine adjustment screw, high precision. X-axis travel : ±2mm

Y-axis travel : $\pm 2\text{mm}$

Load capacity : 3kg

Absorbability : 60kg

Weight : 1.1kg



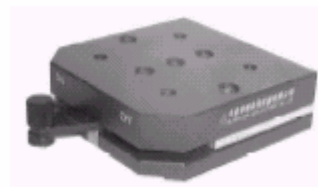
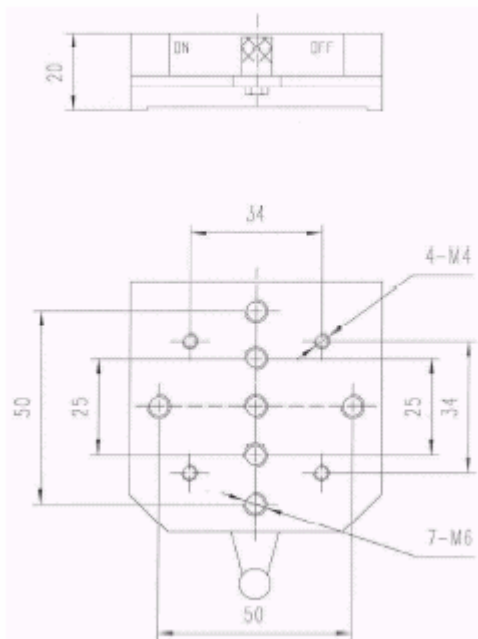
DM-4 MAGNETIC BASES

Compact, thinness and magnetic can be adjusted. Normal-diameter-screw-hole in the platform.

Absorbability : 23kg ;

height : 20mm ;

platform 65mm×65mm

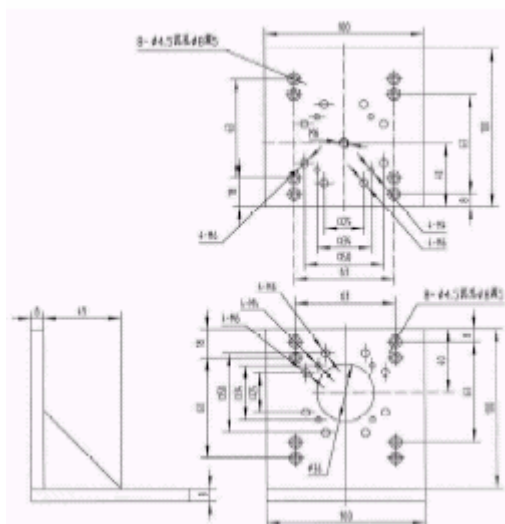


RIGHT ANGLE BRACKETS

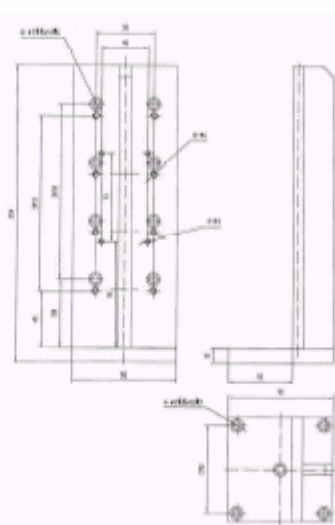
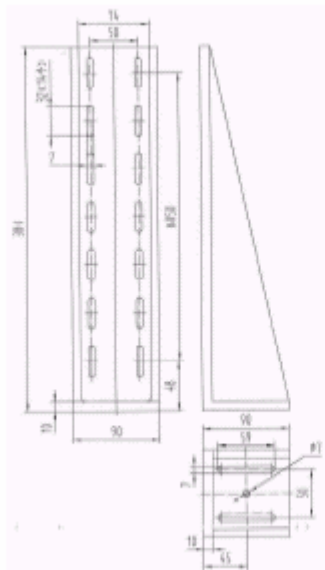
Used in complete translation stages to assembly of positioning stages, or complete motorized translation stages to assembly of motorized positioning stages.



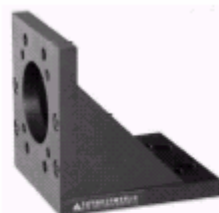
DZ-1



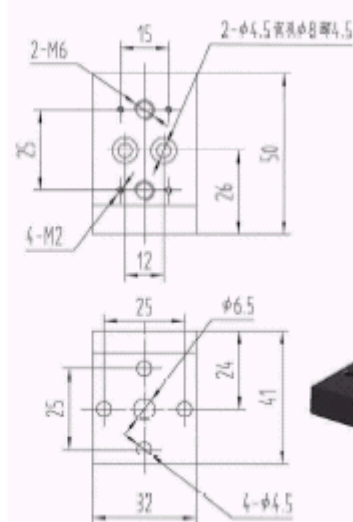
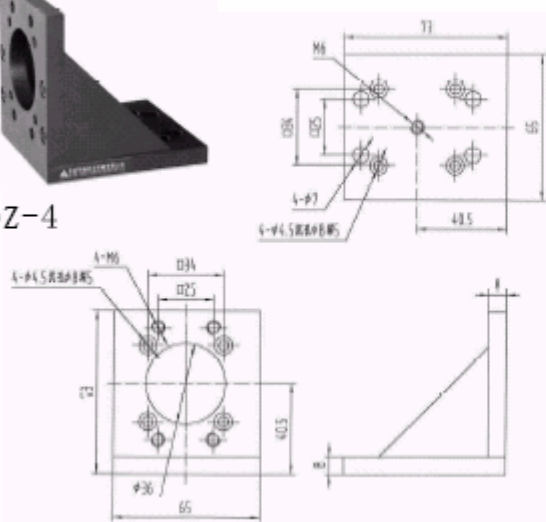
DZ-2



DZ-3



DZ-4

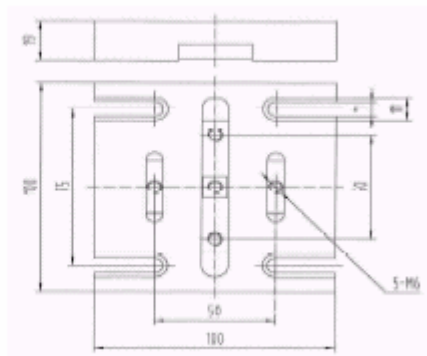


DZ-5

ADJUSTABLE BASE PLATE

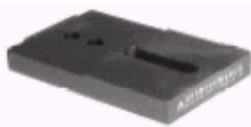
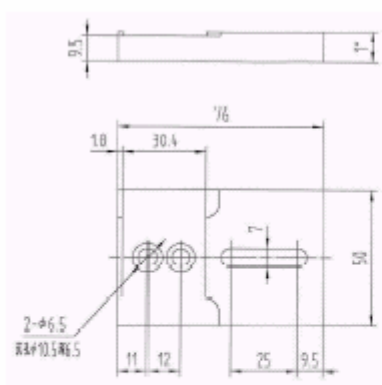
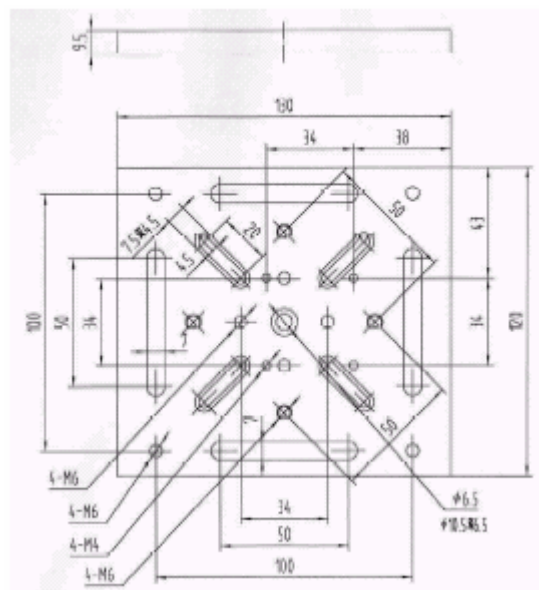
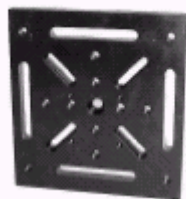
Wind set in this kind of bass plate could2-axial adjusted locked. Easy to use

Adjustment range. : $\pm 13\text{mm}$

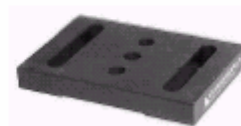
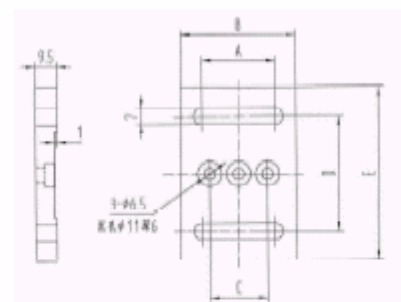


BASE PLATES

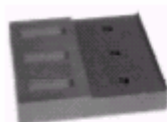
For all kinds of adjustment mount.



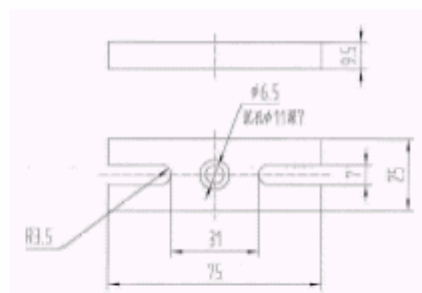
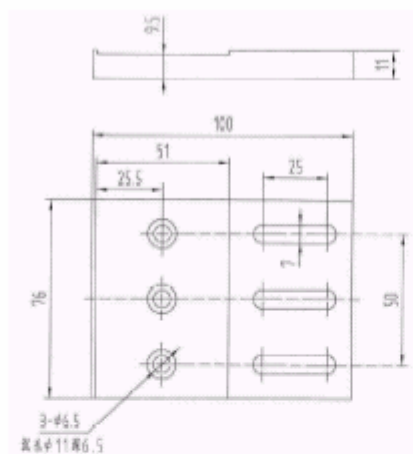
DB-2



DB-3/DB-4/DB-5



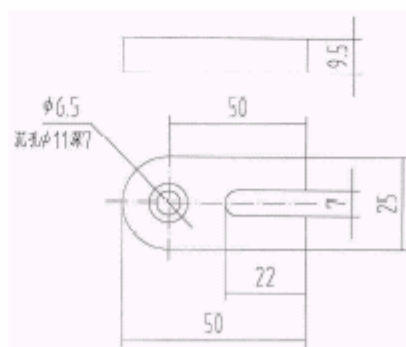
DB-6

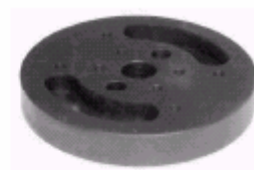
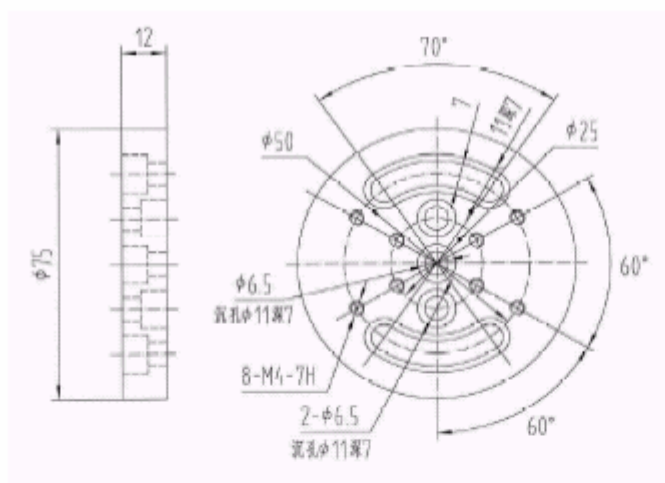


DB-7

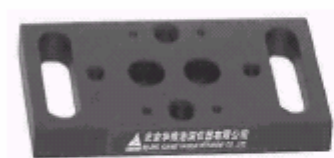


DB-8

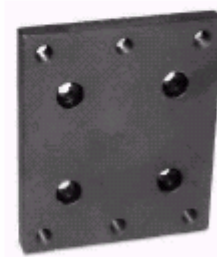
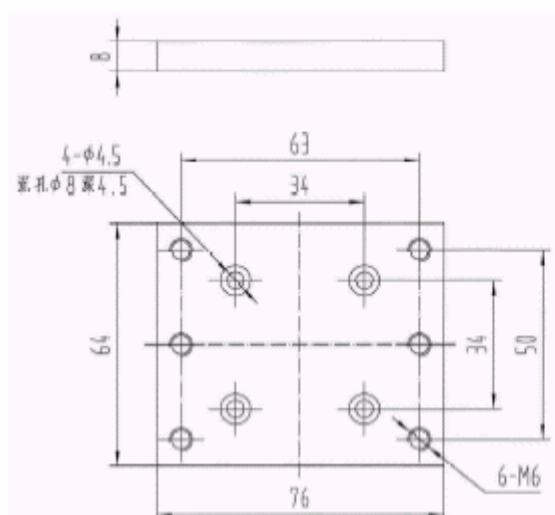
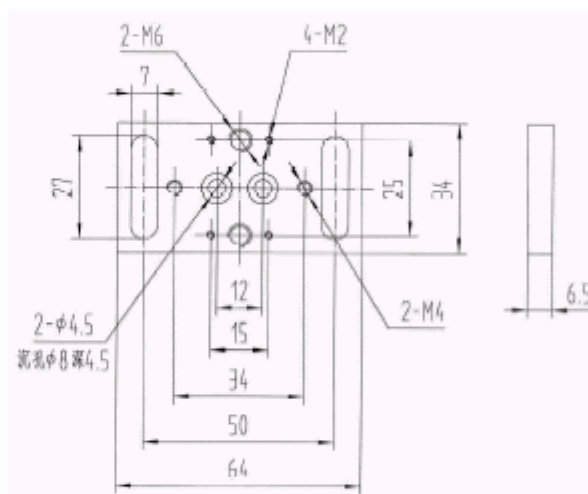




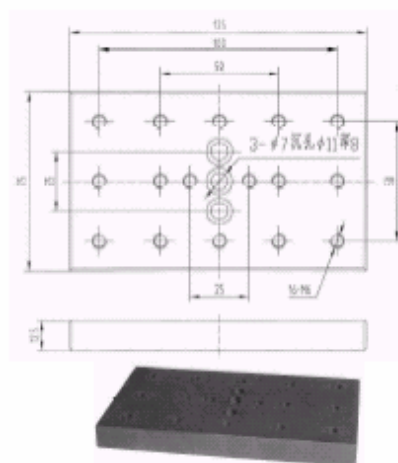
DB-9



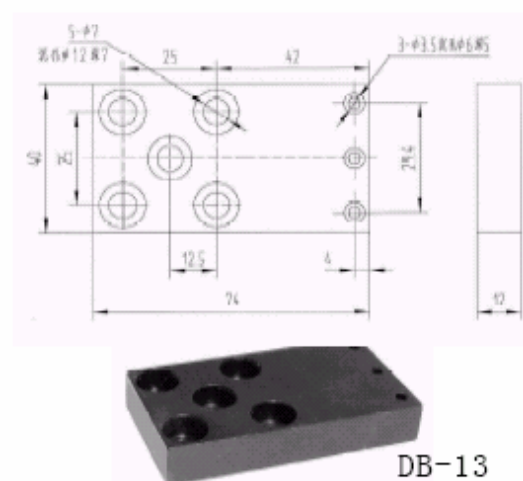
DB-10



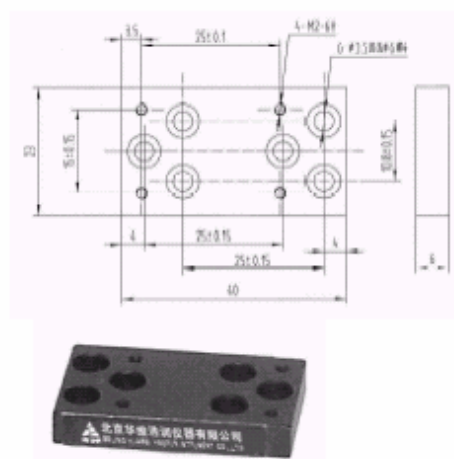
DB-11



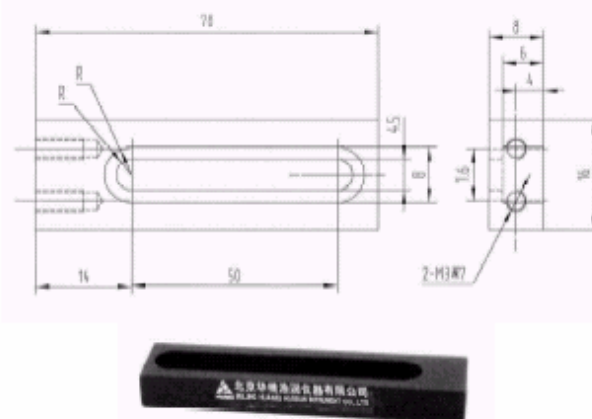
DB-12



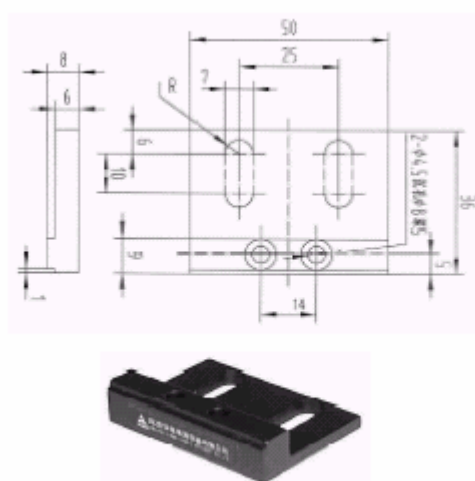
DB-13



DB-14



DB-15



DB-16

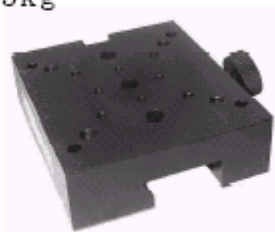
specification	A	B	C	D	E	weight
DB-3	32	50	25	50	75	0.05kg
DB-4	83	100	75	75	100	0.2kg
DB-5	133	150	125	125	150	0.5kg

CARRIERS

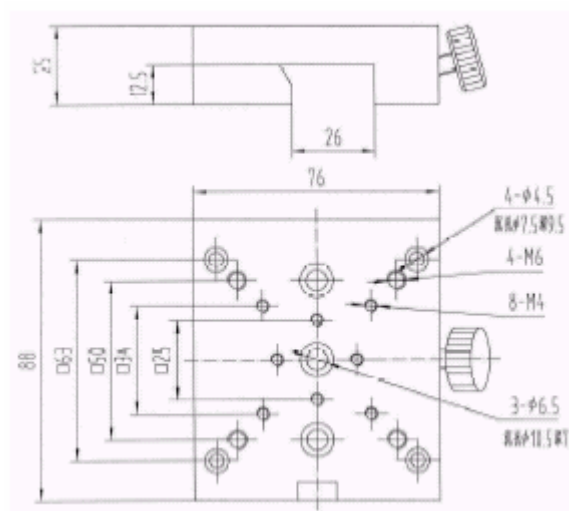
GA101

weight 0.35kg

自重 0.35kg



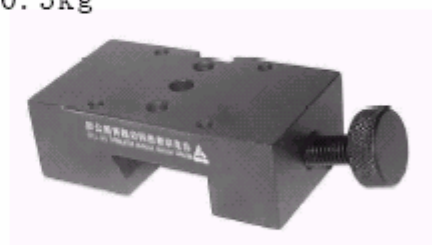
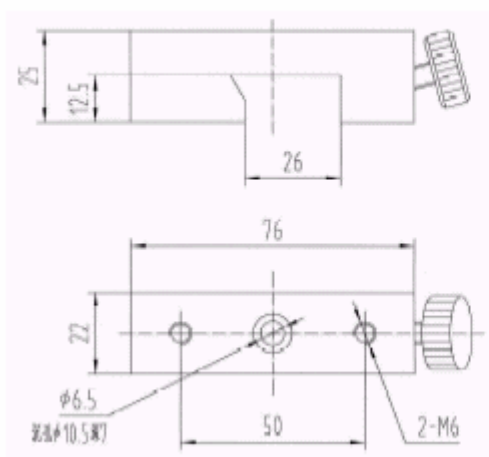
GA101



GA102

weight 0.3kg

自重 0.3kg

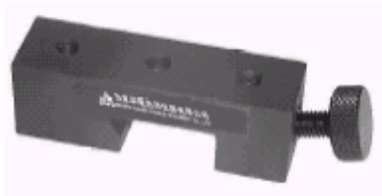


GA102

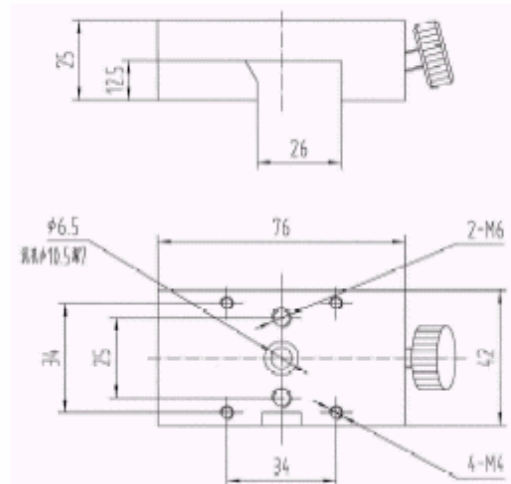
GA103

weight 0.2kg

自重 0.2kg



GA103



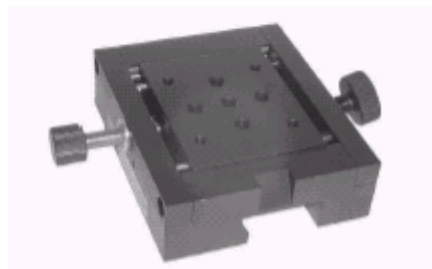
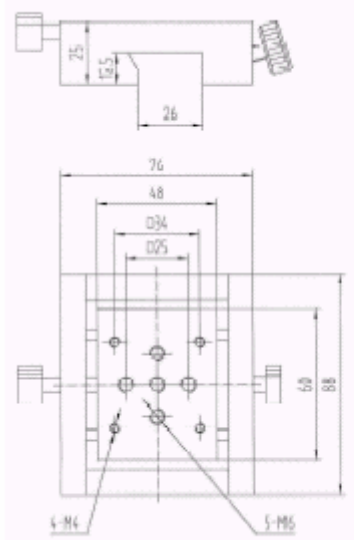
GA104

weight 0.4kg

adjustment range : $\pm 5\text{mm}$

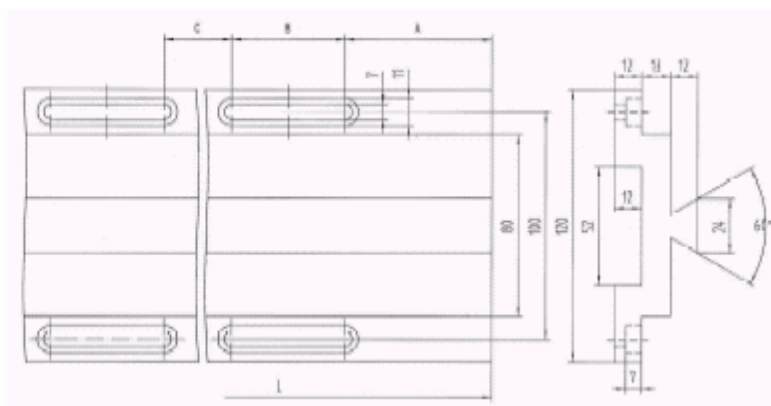
自重 0.4kg

微调范围： $\pm 5\text{mm}$



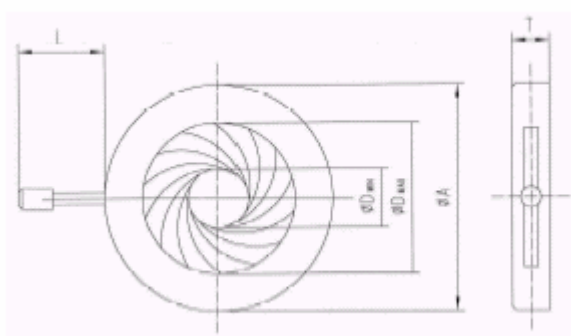
GA104

OPTICAL BENCHES

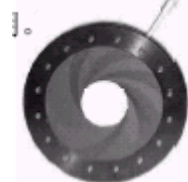


specification	GB101	GB102	GB103	GB104
L	500	1000	1500	2000
A	80	125	120	145
B	40	50	60	60
C	260	300	340	490
N	2	3	4	4
weight	2.85kg	5.75kg	8.65kg	11.5kg

IRIS DIAPHRAGMS

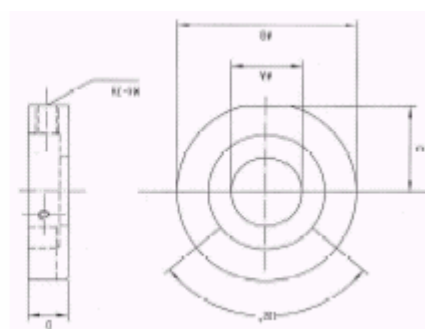


1. 同元開固走朱配:



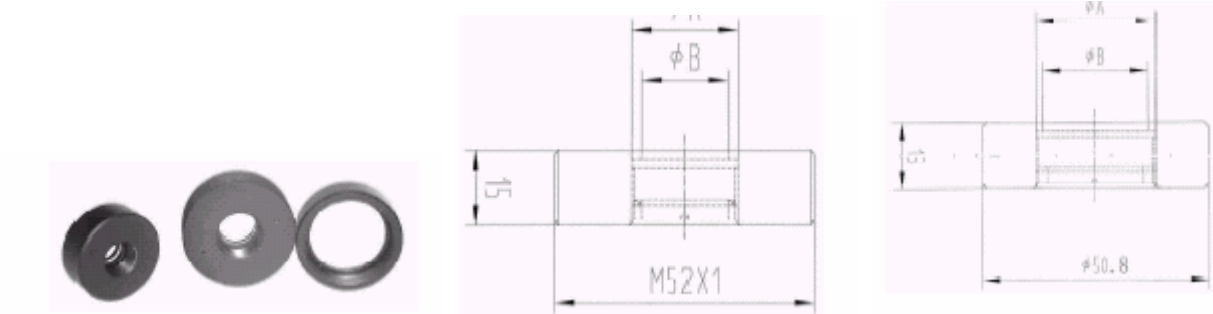
specification	A	DMAX	DMIN	T	L
HD101	20	12	0.8	5	11
HD102	33	22	1.2	5.5	13
HD103	50	36	1.2	6	13

IRIS DIAPHRAGMS MOUNT



specification	A	B	C	D
HM101	12	31	15	7
HM102	22	44	21.5	7.5
HM103	36	61	30	8

接圈 MOUNT ADAPTORS



— M52 × 1 螺纹

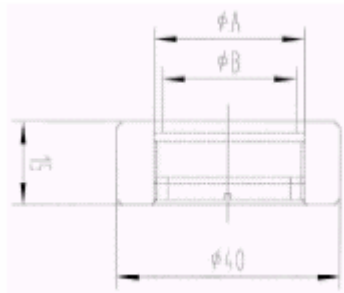
specification	EM101	EM102	EM103	EM104	EM105
A	15	20	25	30	40
B	13	18	22	28	36

φ 50.8

specification	EM201	EM202	EM203	EM204	EM205
A	15	20	25	30	40
B	13	18	22	28	36

φ 40

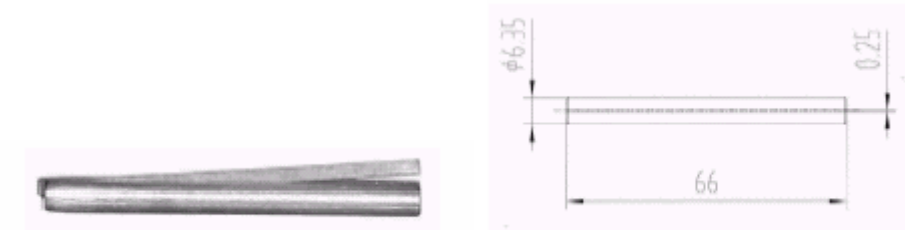
specification	EM301	EM302	EM303	EM304
A	15	20	25	30
B	13	18	22	28



FIBER CHUCKS AND HOLDERS

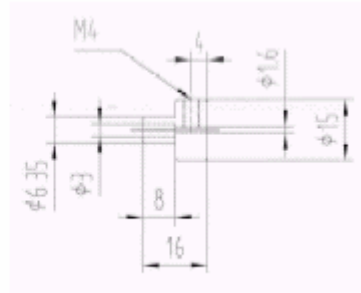
FG101

For holding 0.08 to 0.2 mm diameter bare fiber.



FG102 光纤卡头

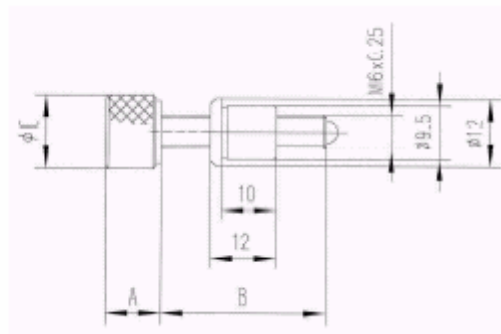
For holding 0.2 to 1.5 mm diameter bare fiber



FINE ADJUSTMENT SCREWS

High precision stainless steel threads (Pitch=0.25)

Mated with Aluminum-bronze nut for smooth movement and long life

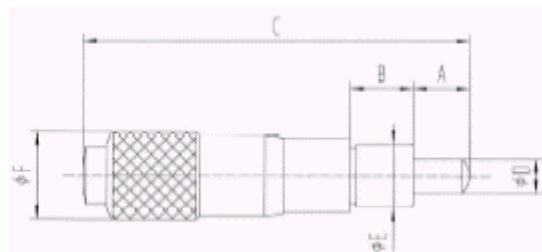
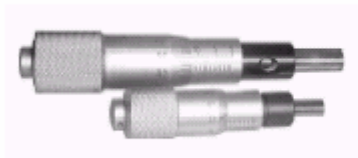


specification	travel	A	B	C
HF001	6	10	20	13
HF002	13	10	27	13
HF003	25	20	39	10
HF004	50	20	64	10
HF006	13	10	27	13

MICROMETERS

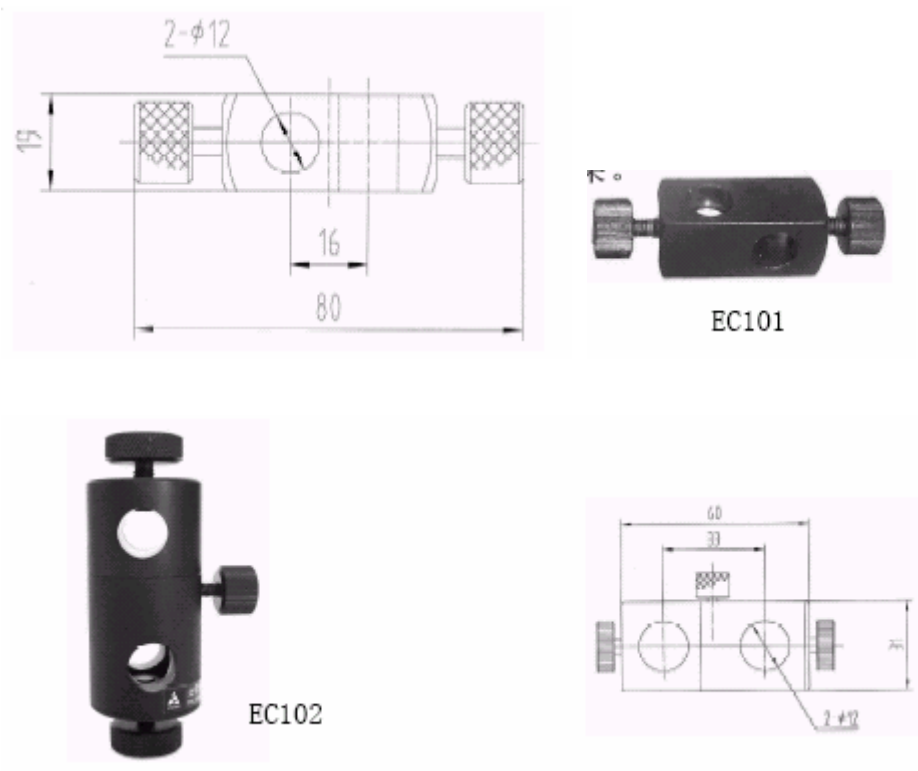
Graduating: 0.01mm

Sensitivity: 0.001mm.



specification	travel	A	B	C	D	E	F
HC001	6	5.8—11.8	15.6	49.6	4	9.5	13
HC003	13	4—17	10	58	6	9.5	13
HC005	25	5—30	12	101	6.5	9.5	18

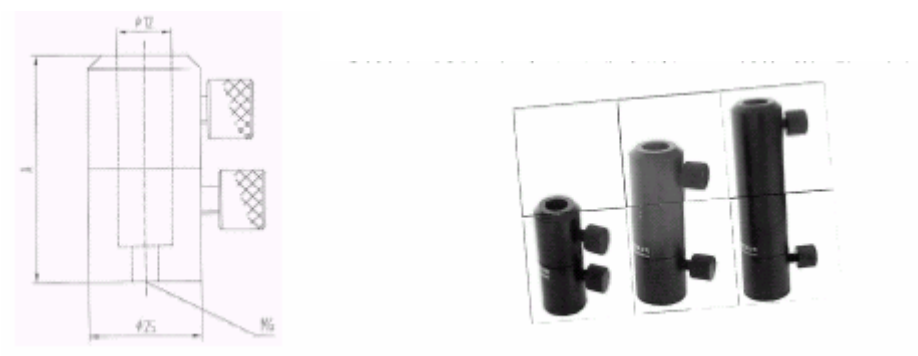
CROSS-POST ADAPTORY



POSTS HOLDERS

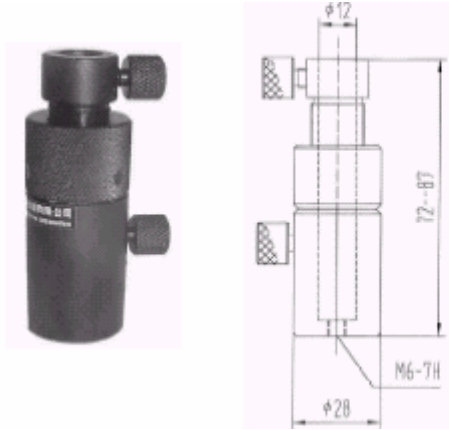


ROTATIONAL POSTS HOLDERS



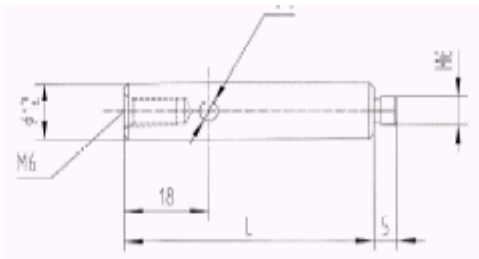
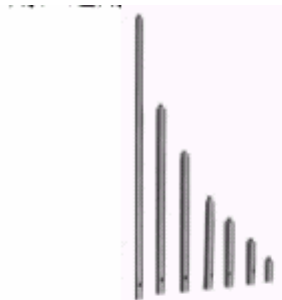
型号	ER101	ER102	ER103
A	50	76	102
自重	0.05kg	0.1kg	0.12kg

COARSE-FINE ADJUSTMENT POSTS HOLDERS

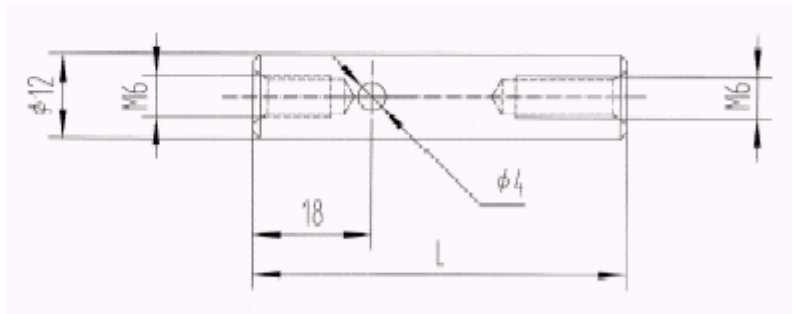
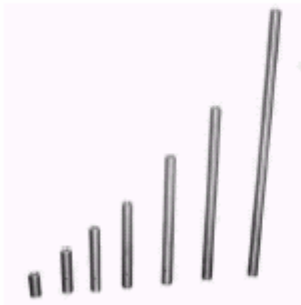


型号	EV101	EV102
A	72 — 87	92 — 117
B	60	80
自重	0.05kg	0.1kg

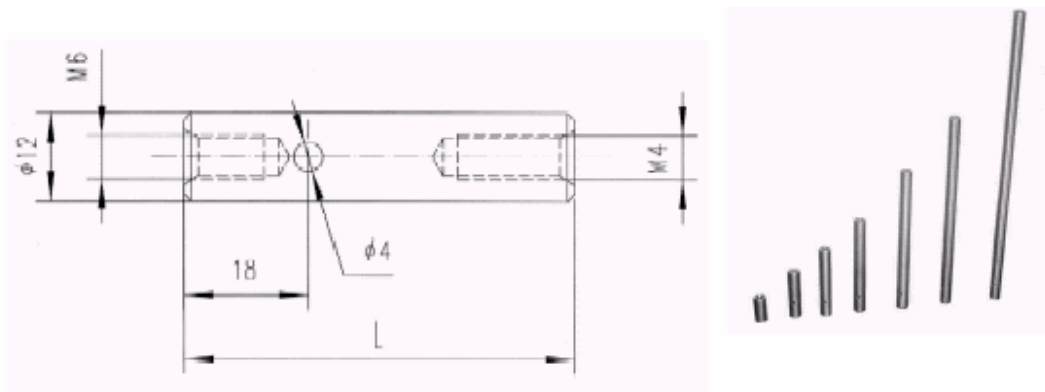
SUPPORT POSTS



型号	ES25-1	ES50-1	ES75-1	ES100-1	ES150-1	ES200-1	ES300-1
L	25	50	75	100	150	200	300
自重	0.025kg	0.05kg	0.075kg	0.1kg	0.015kg	0.2kg	0.3kg



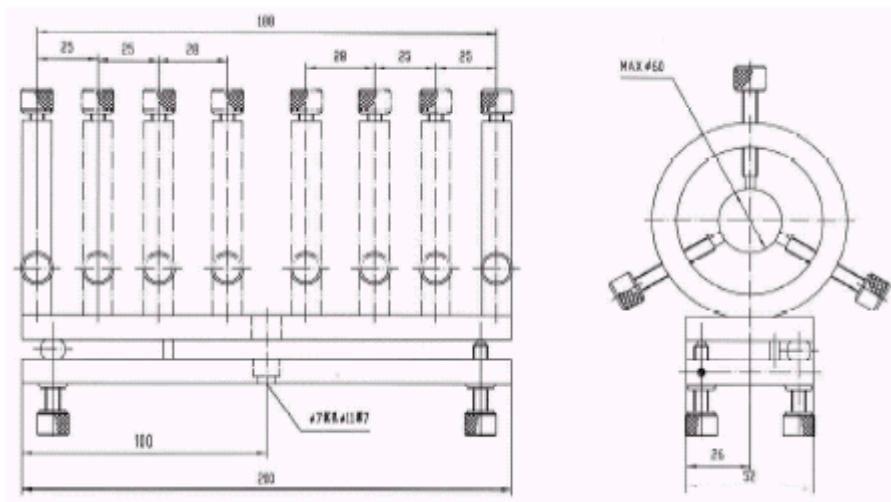
型号	ES25-2	ES50-2	ES75-2	ES100-2	ES150-2	ES200-2	ES300-2
L	25	50	75	100	150	200	300
自重	0.025kg	0.05kg	0.075kg	0.1kg	0.015kg	0.2kg	0.3kg



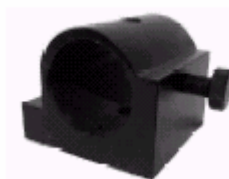
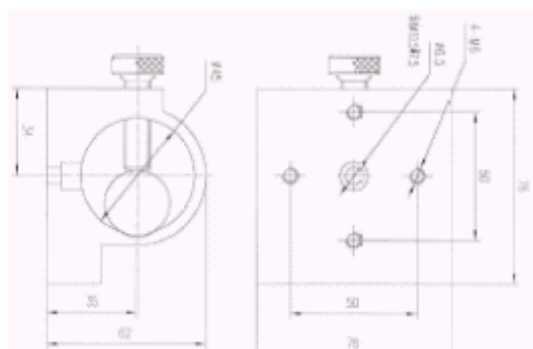
型号	ES25-3	ES50-3	ES75-3	ES100-3	ES150-3	ES200-3	ES300-3
L	25	50	75	100	150	200	300
自重	0.025kg	0.05kg	0.075kg	0.1kg	0.015kg	0.2kg	0.3kg

PRECISION LASER MOUNT

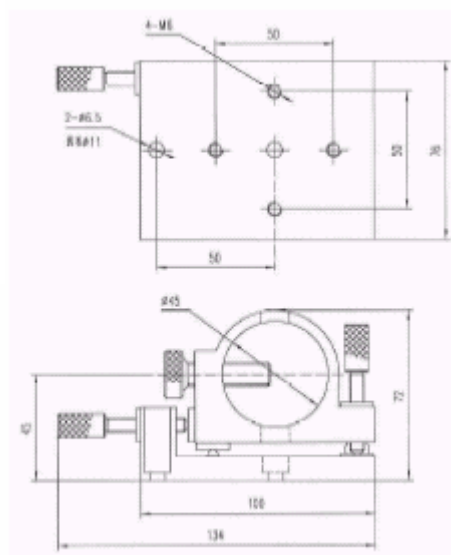
EL101



EL102



EL103



Optic breadboards

OPTICAL TABLES

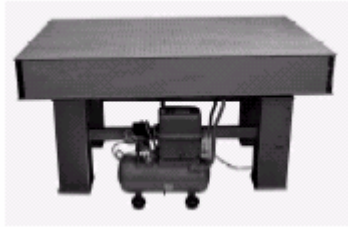
GOT OPTICAL TABLES

sepcification	platform size (m)
GOT1218	1.2 × 1.8
GOT1220	1.2 × 2
GOT1224	1.2 × 2.4
GOT1230	1.2 × 3
GOT1530	1.5 × 3
GOT1540	1.5 × 4



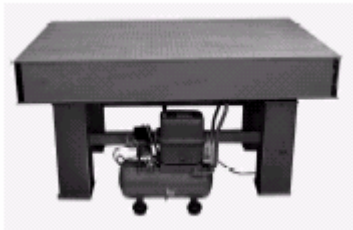
QT 系列精密隔振平台

sepcification	platform size (m)
QT1218	1.2 × 1.8
QT1220	1.2 × 2
QT1224	1.2 × 2.4
QT1230	1.2 × 3
QT1530	1.5 × 3
QT1540	1.5 × 4



SQT 系列精密隔振平台

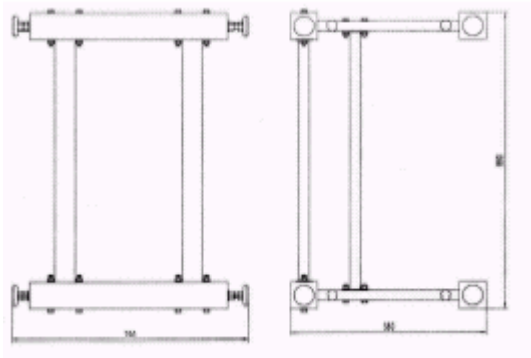
sepcification	platform size (m)
SQT1218	1.2 × 1.8
SQT1220	1.2 × 2
SQT1224	1.2 × 2.4
SQT1230	1.2 × 3
SQT1530	1.5 × 3
SQT1540	1.5 × 4



SUPPORT FRAMES

GS101

For GOT69-1/GOT612-1/COT99-1/GOT912-1



GS102 平台支架

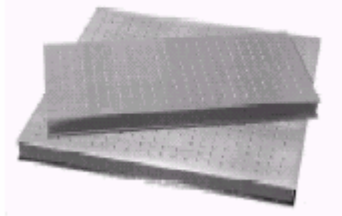
Install the ball on the **GS101**

HONEYCOMB CORE BREADBOARDS

Flatness : 0.1mm/600mm

Distance of screw : 25mm×25mm

Screw : M6



specification	Platform size (mm)	Width
GOT33-1	300 × 300 × 50	50
GOT36-1	300 × 600 × 50	50
GOT66-1	600 × 600 × 50	50
GOT69-1	600 × 900 × 50	50
GOT612-1	600 × 1200 × 50	50
GOT99-1	900 × 900 × 50	50
GOT912-1	900 × 1200 × 50	50
GOT912-1B	900 × 1200 × 100	100
GOT915-1B	900 × 1500 × 100	100
GOT918-1B	900 × 1800 × 100	100
GOT920-1B	900 × 2000 × 100	100
GOT924-1B	900 × 2400 × 100	100

SOLID BREADBOARDS

Flatness : 0.3mm/600mm

Distance of screw : 25mm×25mm

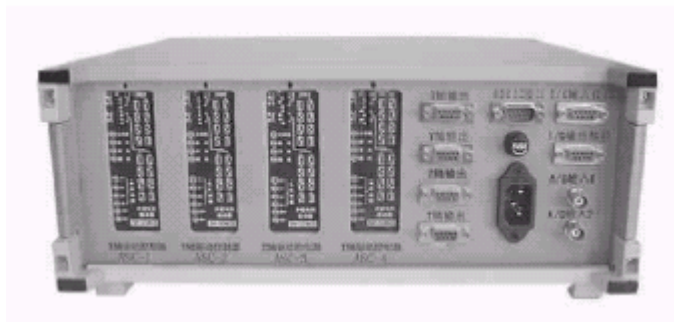
Screw : M6



specification	platform size mm	width
GT33-1	$300 \times 300 \times 13$	13
GT36-1	$300 \times 600 \times 13$	13
GT66-1	$600 \times 600 \times 13$	13
GT36-1A	$300 \times 600 \times 19$	19
GT33-1B	$300 \times 300 \times 6$	6
GT36-1B	$300 \times 600 \times 6$	6
GT66-1B	$600 \times 600 \times 6$	6

Stepping motor controllers

DSP could let the signal enter and export in the regulate Tim



华测仪器-HC400电机控制系统V2.0

File About

X-axis	Y-axis	Z-axis	T-axis
090.125 mm	000.000 mm	18.0025 mm	21.000 mm
coursing control Down Up	coursing control Down Up	coursing control Down Up	coursing control Down Up
speed grade 90 30.2mm/s	speed grade 92 25.6mm/s	speed grade 95 41.7mm/s	speed grade 10 2.0mm/s
quantum mm	quantum mm	quantum mm	quantum mm
down up	down up	down up	down up
zero	zero	zero	zero
target mm	target mm	target mm	target mm
coursing	coursing	coursing	coursing
stop	stop	stop	stop

2-axis control 3-axis control 4-axis control

x-axis	y-axis	z-axis	t-axis
stand 100 mm	stand 100 mm	stand 100 mm	stand 100 mm
4-axis all coursing			
X-axis stop	Y-axis stop	Z-axis stop	T-axis stop
4-axis all stop			

返回 清除 帮助 退出

