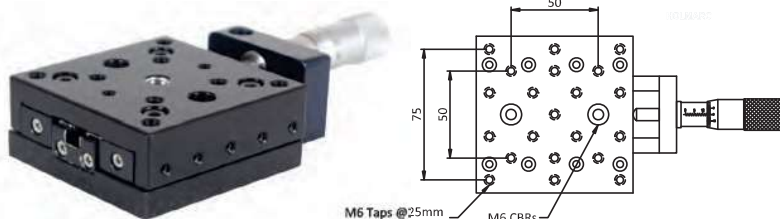


Precision Translation Stage

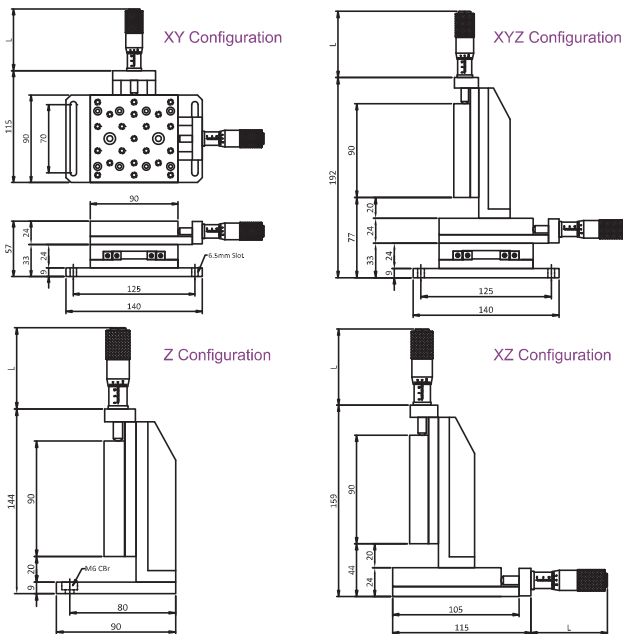
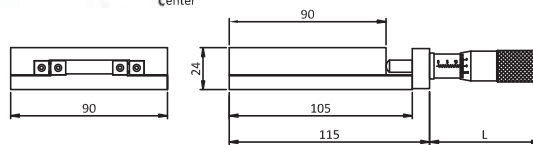
# TSV-90 Translation Stage

Travel: 25mm  
 Carriage Size : 90mmx90mm  
 Load Capacity :25kg vertical on X Axis  
 Drive: Option-1) Micrometer 1µm Resolution (Digital)  
 Option-2) Micrometer 10µm Resolution

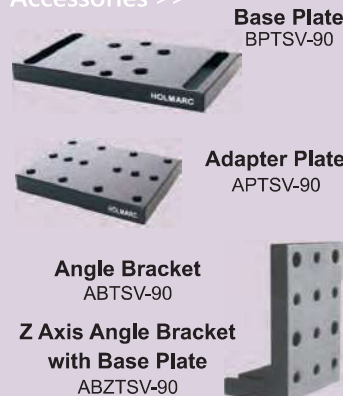


### Specifications

- ▶ Straight line accuracy :  $\pm 3.5 \mu\text{m}$  for total travel length
- ▶ Positioning Accuracy
  - Option-1) Micrometer Linear Resolution: 1  $\mu\text{m}$
  - Option-2) Micrometer Linear Resolution: 10  $\mu\text{m}$
- ▶ Guide way : Precision V Grooved Guide Way
- ▶ Drive : Micrometer
- ▶ Construction : Aluminium Alloy B51S or stainless steel
- ▶ Finish : Black anodized (aluminium )& Ground Finish for SS
- ▶ Mounting Holes : M6Tapped Holes on Carriage
  - : M6 CBR Hole for Mounting Stage to Base Plate or breadboard
- ▶ Mounting Options : Directly Mount to Breadboard by Using M6 Screws
  - : Breadboard Mounting by Using Base Plate
- ▶ Design : Modular Design for Multi Axis Configurations



### Accessories >>



Configuration	Load Capacity (kg)
X	22
XY	22
XYZ	6
Z	6
XZ	6

Model No: Digital Micrometer 1µm	Model No: Micrometer 10µm	Configuration
<b>Material: Aluminium Alloy Make</b>		
TSV90-DMu01-01	TSV90-Mu10-01	X Axis
TSV90-DMu01-02	TSV90-Mu10-02	XY Axis
TSV90-DMu01-03	TSV90-Mu10-03	XYZ Axis
TSV90-DMu01-04	TSV90-Mu10-04	Z Axis
TSV90-DMu01-05	TSV90-Mu10-05	XZ Axis
<b>Material: Stainless Steel 304 Make</b>		
SSTSV90-DMu01-01	SSTSV90-Mu10-01	X Axis
SSTSV90-DMu01-02	SSTSV90-Mu10-02	XY Axis
SSTSV90-DMu01-03	SSTSV90-Mu10-03	XYZ Axis
SSTSV90-DMu01-04	SSTSV90-Mu10-04	Z Axis
SSTSV90-DMu01-05	SSTSV90-Mu10-05	XZ Axis

