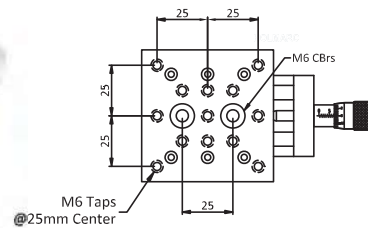


Precision Translation Stage

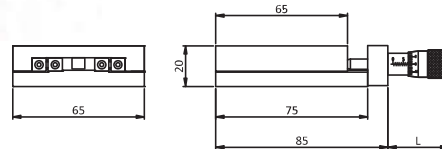
TSV-65 Translation Stage

Travel: 15mm
 Carriage Size : 65mmx65mm
 Load Capacity :20kg vertical on X Axis
 Drive: Option-1) Micrometer 1µm Resolution (Digital)
 Option-2) Micrometer 10µm Resolution



Specifications

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



XY configuration



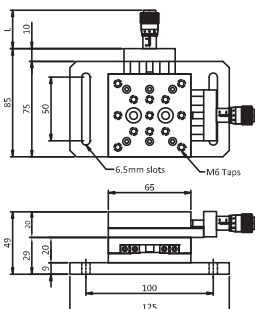
XYZ configuration



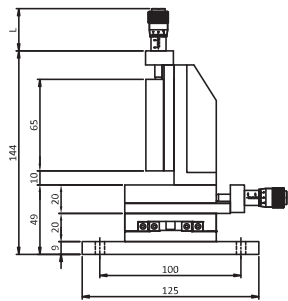
Z configuration



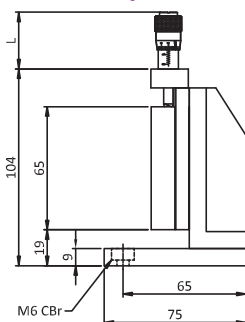
XZ configuration



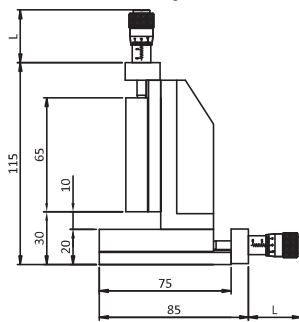
XY Configuration



XYZ Configuration



Z Configuration



XZ Configuration

Accessories >>



Configuration	Load Capacity (kg)
X	20
XY	20
XYZ	6
Z	6
XZ	6

Model No: Digital Micrometer 1µm	Model No: Micrometer 10µm	Configuration
Material: Aluminium Alloy Make		
TSV65-DMu01-01	TSV65-Mu10-01	X Axis
TSV65-DMu01-02	TSV65-Mu10-02	XY Axis
TSV65-DMu01-03	TSV65-Mu10-03	XYZ Axis
TSV65-DMu01-04	TSV65-Mu10-04	Z Axis
TSV65-DMu01-05	TSV65-Mu10-05	XZ Axis
Material: Stainless Steel 304 Make		
SSTSV65-DMu01-01	SSTSV65-Mu10-01	X Axis
SSTSV65-DMu01-02	SSTSV65-Mu10-02	XY Axis
SSTSV65-DMu01-03	SSTSV65-Mu10-03	XYZ Axis
SSTSV65-DMu01-04	SSTSV65-Mu10-04	Z Axis
SSTSV65-DMu01-05	SSTSV65-Mu10-05	XZ Axis



◀ **Digital Micro Meter**
 Length: L
 Linear resolution: 0.001 mm
 Lead screw pitch : 0.5mm



◀ **Micrometer**
 Length: L
 Linear Resolution : 0.01mm/Div
 Lead Screw Pitch : 0.5 mm