

MANUAL TRANSLATION STAGES-FEED SCREW TYPE

HOLMARC

Translation Stage With Coarse Movement

Travel: 30 to 90 mm
Carriage width : 50mm
Load Capacity :6kg vertical
Leadscrew: 1mm pitch/9mm pitch

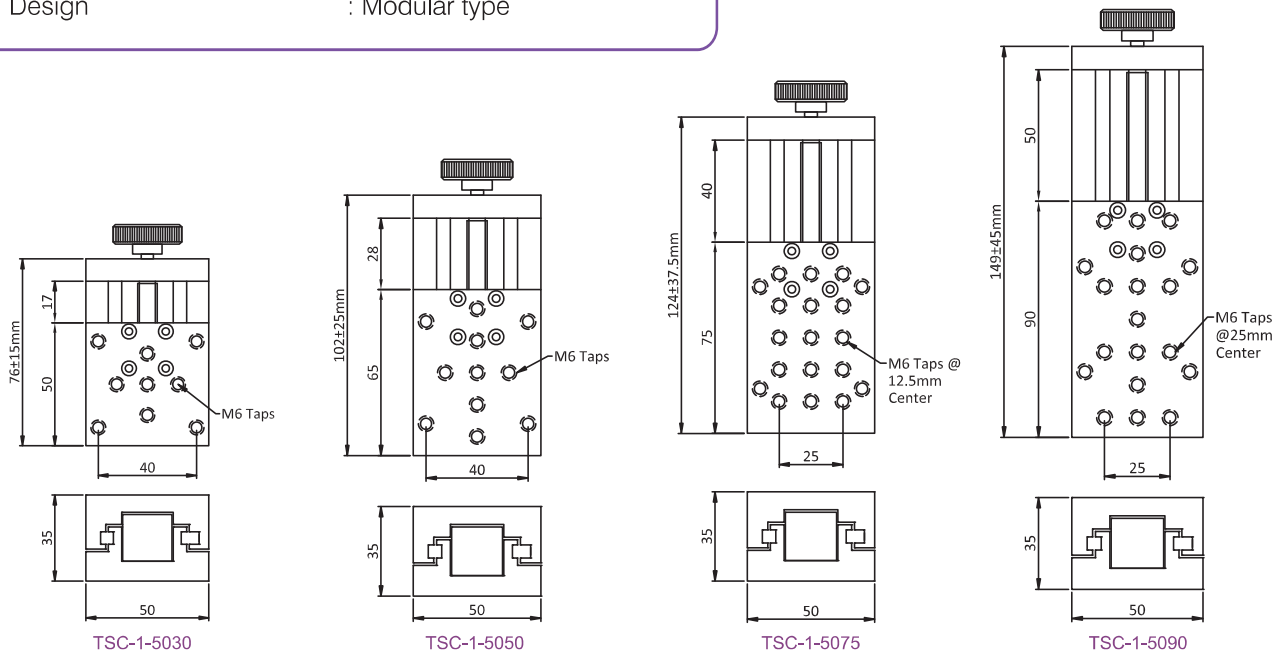


- ▶ Straight line accuracy : ±10 µm for total travel length
- ▶ Vernier Readout : 0.1mm
- ▶ Guide way : Precision ball slide
- ▶ Drive : Precision lead screw
- ▶ Construction : Aluminium alloy B51S
- ▶ Finish : Black anodized
- ▶ Tapped Holes on Carriage : M6 tapped holes
- ▶ Mounting Holes on the base : M6 Tap and M4 CBR
- ▶ Design : Modular type

Angle Bracket :
Angle bracket can be used for assembling Z-axis stages. Horizontally fixed height platforms can be constructed by combining two angle brackets.



Base plates :
Base plates can be used for mounting translation stages to breadboards and tables conveniently.



Drive Details



1 mm Pitch lead screw

Pitch : 1 mm
Lead Screw Type : Ground
Linear Resolution : 1mm/rotation
Readout : 0.1mm precision vernier
Feature : Fine controlled motion with 1mm pitch lead screw

9 mm Pitch lead screw

Pitch : 9 mm
Lead Screw Type : Ground
Linear Resolution : 9mm/rotation
Readout : 0.1mm precision vernier
Feature : Fine controlled motion with 9mm pitch lead screw

Model No.				Model No.				Accessories		
1 mm Pitch Lead Screw	Speed/Rotation	Positioning Accuracy	Travel range	9 mm Pitch Lead Screw	Speed/Rotation	Positioning Accuracy	Travel range	Vertical Bracket	Horizontal Bracket	Base Plate
TSC-1-5030	1 mm	0.02mm	30 mm	TSC-9-5030	9mm	0.5mm	30 mm	VAB-TSC5030	HAB-TSC-5050	BP-TSC5030
TSC-1-5050	1mm	0.02mm	50 mm	TSC-9-5050	9mm	0.5mm	50 mm	VAB-TSC5050	Platform Size:	BP-TSC5050
TSC-1-5075	1mm	0.02mm	75 mm	TSC-9-5075	9mm	0.5mm	75 mm	VAB-TSC5075	50x50mm	BP-TSC5075
TSC-1-5090	1mm	0.02mm	90 mm	TSC-9-5090	9mm	0.5mm	90 mm	VAB-TSC5090	With m6 tapped holes	BP-TSC5090