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TECHSPEC®

Crossed-Roller Bearing Linear Translation Stages (Thru-Hole Model)



- Four Sizes Ranging from 30 x 30mm to 125 x 125mm
- Thru-Hole Design for Optical Path Transmission
- English and Metric Hole Patterns Available
- Micrometer and Lead Screw Drive Options

Common Specifications

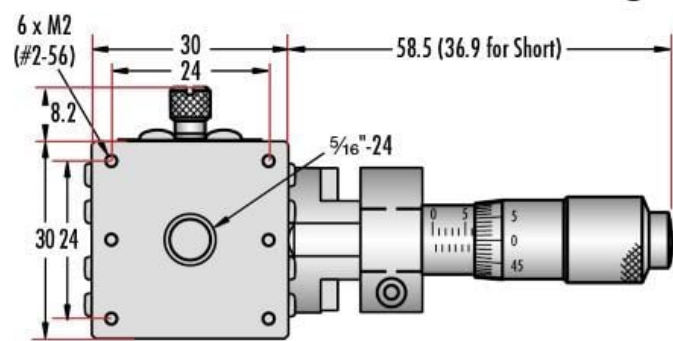
Physical & Mechanical Properties

Type of Movement:	Linear (X)	Guide System:	Crossed Roller Bearing
Construction:	Aluminium Stage	Straight Line Accuracy (µm):	2

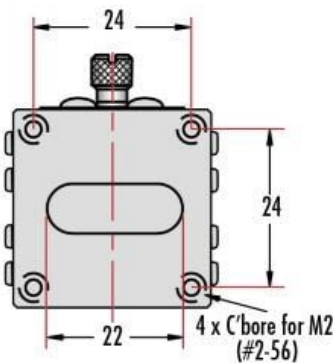
Technical Information

		Top Stage																							
		30mm Linear Dovetail	30mm Linear	30mm Vertical	30mm Tip/Tilt	30mm Goniometer	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Tip/Tilt	70mm Goniometer	70mm Rotary	125mm Linear	125mm Vertical	125mm Tip/Tilt	125mm Rotary		
Bottom Stage	30mm Linear Dovetail	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	30mm Linear	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible		
	30mm Vertical	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	30mm Tip/Tilt	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	30mm Goniometer	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	30mm Rotary	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	40mm Linear Dovetail	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	40mm Linear	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	40mm Vertical	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	40mm Tip/Tilt	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	40mm Goniometer	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	40mm Rotary	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	
	65mm Linear Dovetail	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	70mm Linear	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	70mm Vertical	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
	70mm Tip/Tilt	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	
70mm Goniometer	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Applicable	Not Compatible	Not Compatible	Not Compatible	Not Compatible		
70mm Rotary	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Applicable	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible		
125mm Linear	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible		
125mm Vertical	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible		
125mm Tip/Tilt	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible		
125mm Rotary	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Not Applicable	Compatible	Compatible	Compatible	Compatible	Not Applicable		

30mm Thru Hole Stages - Center Drive

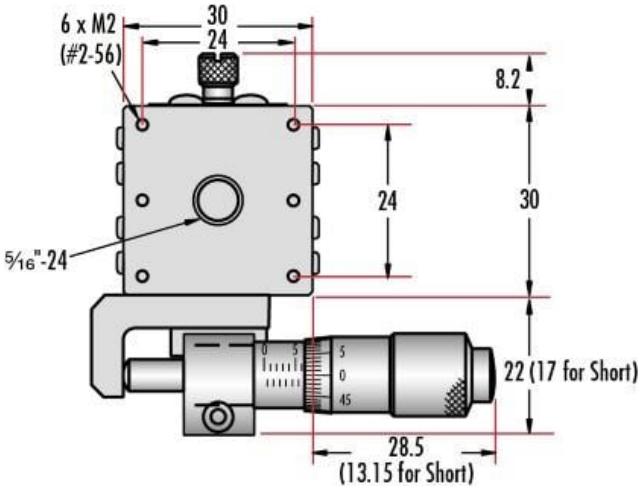


Top View

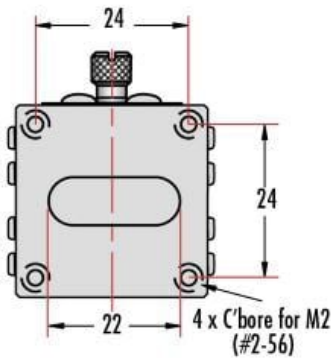


Bottom Plate Portion

30mm Thru Hole Stages - Side Drive

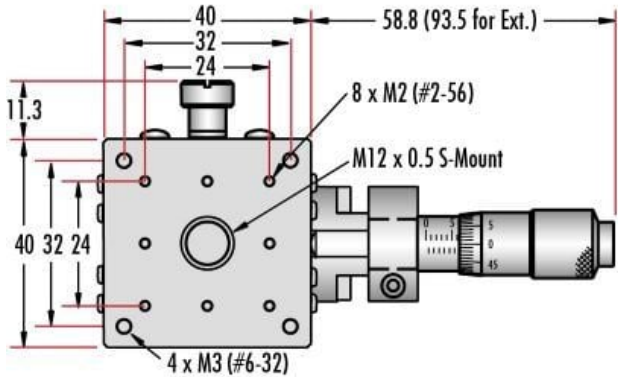


Top View

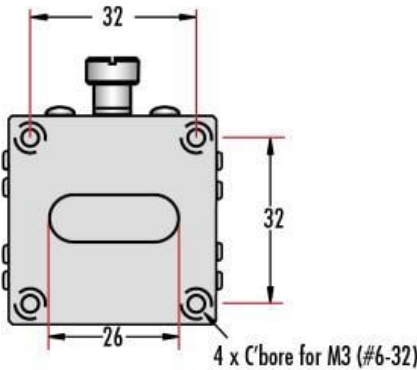


Bottom Plate Portion

40mm Thru Hole Stages - Center Drive

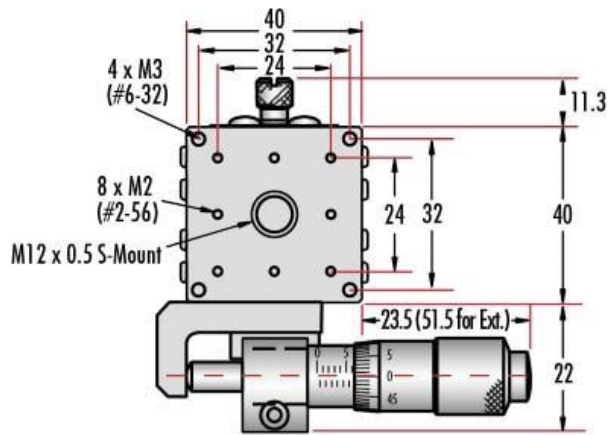


Top View

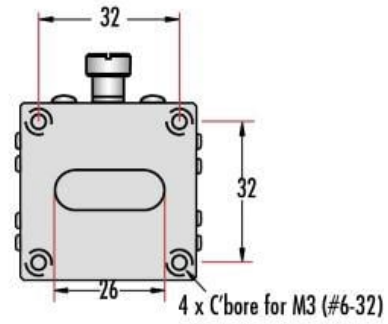


Bottom Plate Portion

40mm Thru Hole Stages - Side Drive

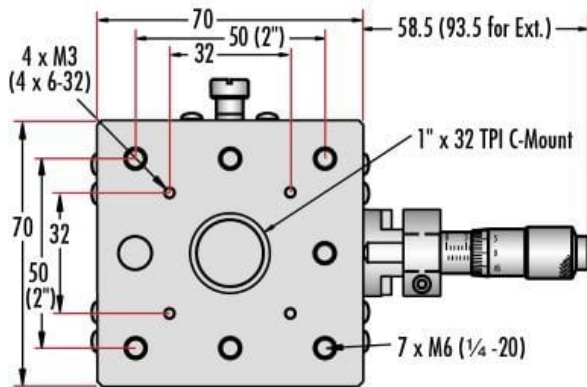


Top View

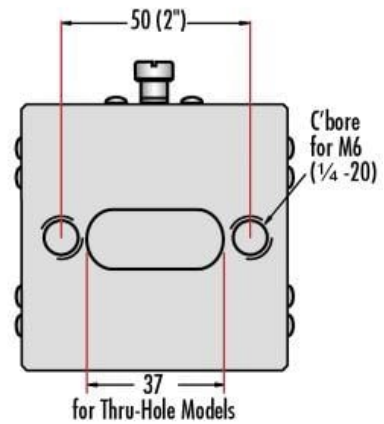


Bottom Plate Portion

70mm Thru Hole Stages - Center Drive

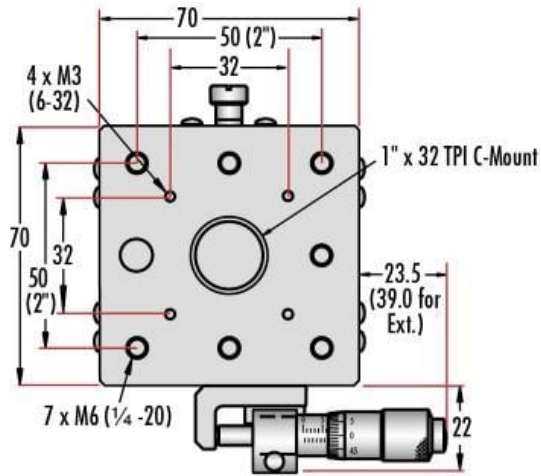


Top View

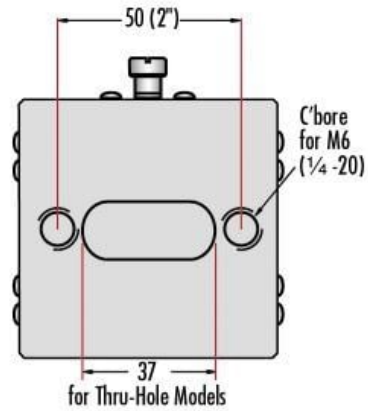


Bottom Plate Portion

70mm Thru Hole Stages - Side Drive

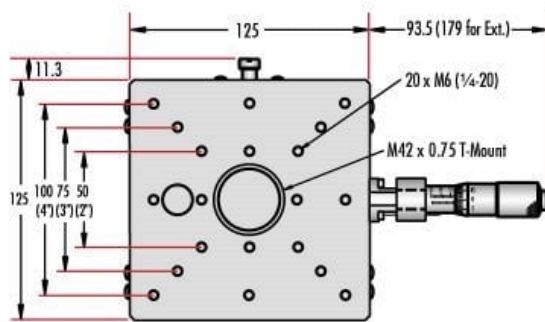


Top View

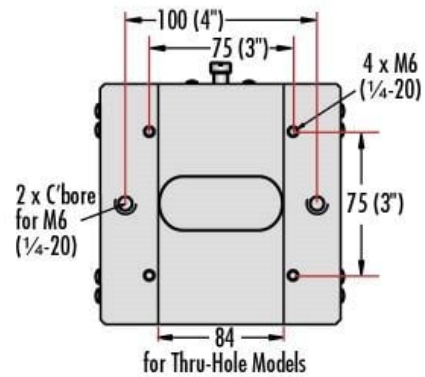


Bottom Plate Portion

125mm Thru Hole Stages - Center Drive

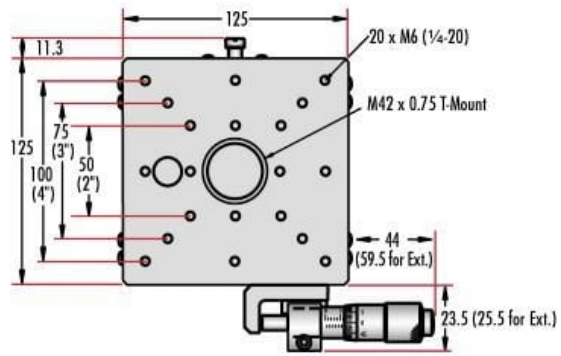


Top View

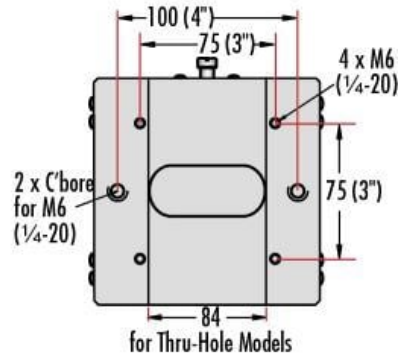


Bottom Plate Portion

125mm Thru Hole Stages - Side Drive



Top View



Bottom Plate Portion

Products

Stage Size (mm)	Type	Type of Drive	Drive Orientation	Travel (mm)	Travel (inches)	Stock Number	Price	Buy
30 x 30	English	Lead Screw	Center Drive	-	0.5	#66-394	₹25,966 Qty 3+ ₹22,658	10 to 12 days
30 x 30	English	English Micrometer	Center Drive	-	0.5	#66-395	₹31,614 Qty 3+ ₹27,609	Contact Us
30 x 30	English	Lead Screw	Side Drive	-	0.5	#66-396	₹25,966 Qty 3+ ₹22,658	10 to 12 days
30 x 30	English	English Micrometer	Side Drive	-	0.5	#66-397	₹31,614 Qty 3+ ₹27,609	10 to 12 days
30 x 30	Metric	Lead Screw	Center Drive	13	-	#66-398	₹25,966 Qty 3+ ₹22,658	10 to 12 days
30 x 30	Metric	Metric Micrometer	Center Drive	13	-	#66-399	₹31,614 Qty 3+ ₹27,609	10 to 12 days
30 x 30	Metric	Lead Screw	Side Drive	13	-	#66-400	₹25,966 Qty 3+ ₹22,658	Contact Us
30 x 30	Metric	Metric Micrometer	Side Drive	13	-	#66-401	₹31,614 Qty 3+ ₹27,609	10 to 12 days
40 x 40	English	Lead Screw	Center Drive	-	0.5	#66-414	₹28,533 Qty 3+ ₹24,954	10 to 12 days
40 x 40	English	English Micrometer	Center Drive	-	0.5	#66-415	₹31,614 Qty 3+ ₹27,609	10 to 12 days
40 x 40	English	English Micrometer	Center Drive	-	1	#66-416	₹33,594 Qty 3+ ₹29,296	10 to 12 days
40 x 40	English	Lead Screw	Side Drive	-	0.5	#66-417	₹28,533 Qty 3+ ₹24,954	10 to 12 days
40 x 40	English	English Micrometer	Side Drive	-	0.5	#66-418	₹31,614 Qty 3+ ₹27,609	10 to 12 days
40 x 40	English	English Micrometer	Side Drive	-	1	#66-419	₹33,594 Qty 3+ ₹29,296	10 to 12 days
40 x 40	Metric	Lead Screw	Center Drive	13	-	#66-420	₹28,533 Qty 3+ ₹24,954	10 to 12 days
40 x 40	Metric	Metric Micrometer	Center Drive	13	-	#66-421	₹31,614 Qty 3+ ₹27,609	Contact Us
40 x 40	Metric	Metric Micrometer	Center Drive	25	-	#66-422	₹33,594 Qty 3+ ₹29,296	Contact Us

40 x 40	Metric	Lead Screw	Side Drive	13	-	#66-423	₹28,533 Qty 3+ ₹24,954	10 to 12 days
40 x 40	Metric	Metric Micrometer	Side Drive	13	-	#66-424	₹31,614 Qty 3+ ₹27,609	10 to 12 days
40 x 40	Metric	Metric Micrometer	Side Drive	25	-	#66-425	₹33,594 Qty 3+ ₹29,296	10 to 12 days
70 x 70	English	Lead Screw	Center Drive	-	0.5	#66-438	₹34,988 Qty 3+ ₹30,536	10 to 12 days
70 x 70	English	English Micrometer	Center Drive	-	0.5	#66-439	₹37,775 Qty 3+ ₹32,934	10 to 12 days
70 x 70	English	English Micrometer	Center Drive	-	1	#66-440	₹42,543 Qty 3+ ₹37,100	Contact Us
70 x 70	English	Lead Screw	Side Drive	-	0.5	#66-441	₹34,988 Qty 3+ ₹30,536	10 to 12 days
70 x 70	English	English Micrometer	Side Drive	-	0.5	#66-442	₹37,775 Qty 3+ ₹32,934	10 to 12 days
70 x 70	English	English Micrometer	Side Drive	-	1	#66-443	₹42,543 Qty 3+ ₹37,100	10 to 12 days
70 x 70	Metric	Lead Screw	Center Drive	13	-	#66-444	₹34,988 Qty 3+ ₹30,536	10 to 12 days
70 x 70	Metric	Metric Micrometer	Center Drive	13	-	#66-445	₹37,775 Qty 3+ ₹32,934	10 to 12 days
70 x 70	Metric	Metric Micrometer	Center Drive	25	-	#66-446	₹42,543 Qty 3+ ₹37,100	10 to 12 days
70 x 70	Metric	Lead Screw	Side Drive	13	-	#66-447	₹34,988 Qty 3+ ₹30,536	10 to 12 days
70 x 70	Metric	Metric Micrometer	Side Drive	13	-	#66-448	₹37,775 Qty 3+ ₹32,934	10 to 12 days
70 x 70	Metric	Metric Micrometer	Side Drive	25	-	#66-449	₹42,543 Qty 3+ ₹37,100	10 to 12 days
125 x 125	English	Lead Screw	Center Drive	-	1	#66-462	₹47,311 Qty 3+ ₹41,274	10 to 12 days
125 x 125	English	English Micrometer	Center Drive	-	1	#66-463	₹49,878 Qty 3+ ₹43,717	10 to 12 days
125 x 125	English	English Micrometer	Center Drive	-	2	#66-464	₹60,514 Qty 3+ ₹52,783	10 to 12 days
125 x 125	English	Lead Screw	Side Drive	-	1	#66-465	₹47,311 Qty 3+ ₹41,274	10 to 12 days

125 x 125	English	English Micrometer	Side Drive	-	1	#66-466	₹49,878 Qty 3+ ₹43,717	10 to 12 days
125 x 125	English	English Micrometer	Side Drive	-	2	#66-467	₹60,514 Qty 3+ ₹52,783	10 to 12 days
125 x 125	Metric	Lead Screw	Center Drive	25	-	#66-468	₹47,311 Qty 3+ ₹41,274	10 to 12 days
125 x 125	Metric	Metric Micrometer	Center Drive	25	-	#66-469	₹49,878 Qty 3+ ₹43,717	Contact Us
125 x 125	Metric	Metric Micrometer	Center Drive	50	-	#66-470	₹60,514 Qty 3+ ₹52,783	10 to 12 days
125 x 125	Metric	Lead Screw	Side Drive	25	-	#66-471	₹47,311 Qty 3+ ₹41,274	10 to 12 days
125 x 125	Metric	Metric Micrometer	Side Drive	25	-	#66-472	₹49,878 Qty 3+ ₹43,717	Contact Us
125 x 125	Metric	Metric Micrometer	Side Drive	50	-	#66-473	₹60,514 Qty 3+ ₹52,783	10 to 12 days
30 x 30	English	English Micrometer	Center Drive	-	0.25	#83-507	₹31,614 Qty 3+ ₹27,609	10 to 12 days
30 x 30	English	English Micrometer	Side Drive	-	0.25	#83-508	₹31,614 Qty 3+ ₹27,609	10 to 12 days
30 x 30	Metric	Metric Micrometer	Center Drive	6.5	-	#83-509	₹31,614 Qty 3+ ₹27,609	10 to 12 days
30 x 30	Metric	Metric Micrometer	Side Drive	6.5	-	#83-510	₹31,614 Qty 3+ ₹27,609	10 to 12 days



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