

## Dovetail Stage □25: B05/B08/BDBXS/BDBXR (18×60)

RoHS

Manual linear stage

X

XY

Z

Horizontal Z

XZ

Horizontal XZ

XYZ

Horizontal XYZ

Goniometer

Rotary

Unit

Accessories

Linear Ball

Cross Roller

Dovetail

□25

□30

□40

□50

□60



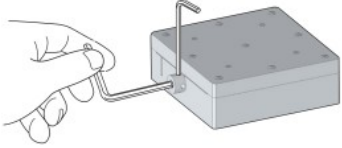


□70

□80

□100

□120

Other

Type	Product image	Features
Rack and pinion	Stage table size □25mm B05-01 	<b>【Features】</b> • Table size □25mm small type.
	Stage table size □25mm B08-1 	<b>【Features】</b> • Short lead type feeding screw 0.5mm. • Saving-space and prevention error operation by using hex wrench type.  BDBXS series
BDBXS-25 		
Feeding screw Short lead	Stage table size 18×60mm BDBXR-1815 	<b>【Features】</b> • Compact but travel distance ±7.5mm.

SPEC				
Model	B05-01	B08-1	BDBXS-25	BDBXR-1815
(Opposite hand)	—	B08-1R	—	—
Stage table size	25×25mm			18×60mm
Travel distance	±5mm		±3mm	±7.5mm
Travel distance per rotation of knob	17mm	—		0.5mm
Minimum reading capability	Vernier scale 0.1mm			Vernier scale 0.1mm
Load capacity	3.0kgf [29.4N]			2.0kgf [19.6N]
Travel accuracy	Straightness			
	—		30μm	
	Pitch		2.0N · m	
	Yaw		1.5N · m	
Allowable load for moment	Roll		1.3N · m	
	—		—	
Parallelism	50μm	40μm	50μm	—
Motion parallelism	80μm	30μm	80μm	—
Weight	0.09kg	0.07kg	0.06kg	0.22kg
Main material—Surface finishing	Brass—Black coating finish			Aluminum—Black alumite processing
Provided screws (Hex socket screws)	4 of M2—12	4 of M2—8	3 of M2—6	2 of M4—8