860-0090 MINI RAIL SYSTEM BALL SLIDE POSITIONERS

860-0090-02

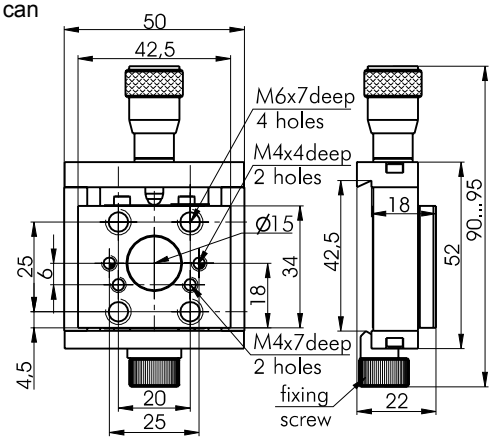
The Mini Rail System Ball Slide Positioner 860-0090-02 has a travel range 5 mm. Using the micrometer driving screw mounted into M10×1 taped hole, the resolution 10 µm is achieved. Positioners have adapters for mounting onto Mini Optical Rail System rails and can be locked in a position using a fixing screw. With a help of Rail Carriers the Mini Rail System Ball Slide Positioner 860-0090-02 can be coarsely positioned in a range of 30 mm. Using rails provided on the Positioner 860-0090-02, these positioners can be interconnected for XY applications. With 860-0090-04 attached directly, you can assemble XYZ positioning stage.

860-0090-04

Code	Weight, kg	Price, EUR
860-0090-02	0.18	191
860-0090-04	0.23	206

SPECIFICATIONS

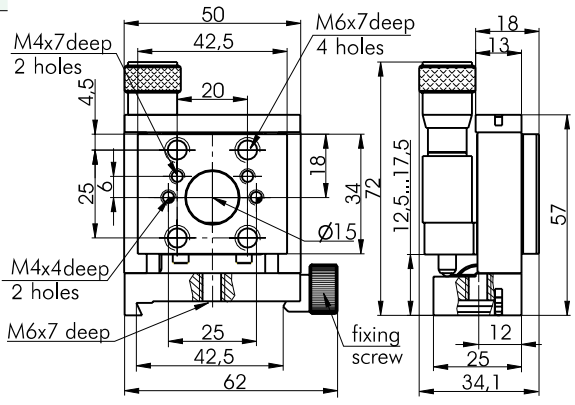
Travel range	5 mm
Rough XY travel range	±20 mm
Sensitivity	1 µm
Tracking accuracy	2 µm
Reading accuracy	5 µm (1/2 div.)
Load capacity:	
horizontal	3 kg
vertical	1 kg



860-0090-02

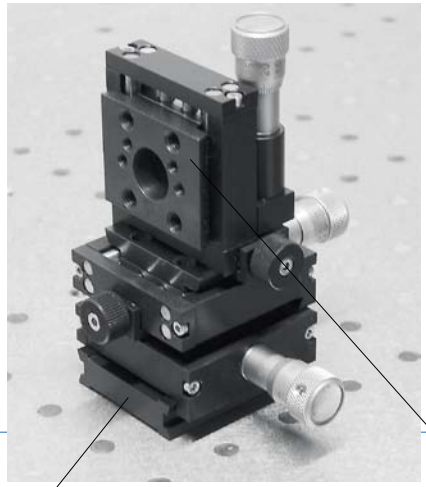
Complementary Products

Code	Page
810-0010	7.18

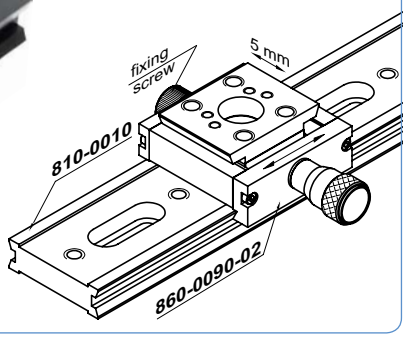


860-0090-04

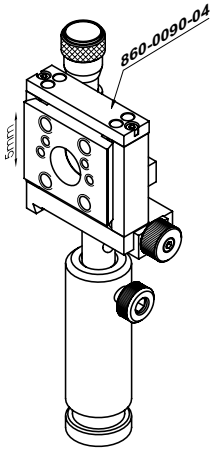
You may stack the stages for X-Y-Z applications directly, without screws. Default base plate choice for 860-0090 XYZ is 810-0010-10 optical rail.



810-0010-10



Optical Rails 810-0010-10 can be used as base plates for stacking translation stages 860-0090 to optical tables or to other stages

860-0090-04

810-0010-10