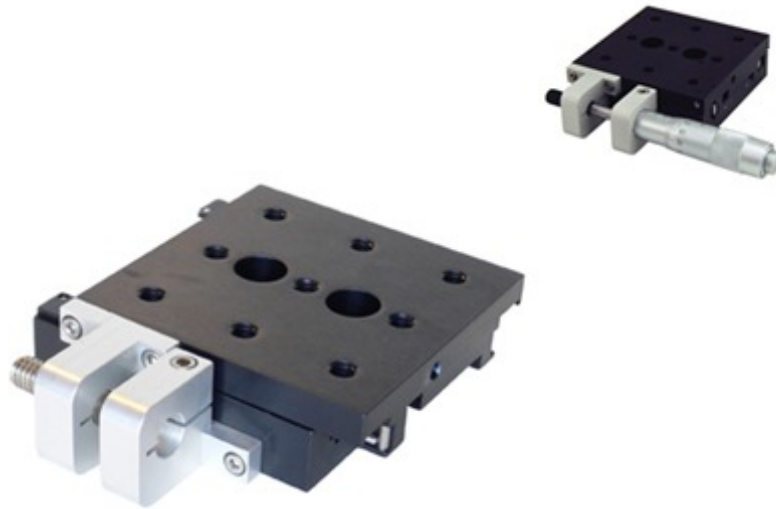


TSB28E Datasheet



- 25, 28, 50 and 60 mm travel
- 10 kg load capacity
- Available with a micrometer head
- Stages without a manual micrometer require a X-NA, T-NA08, T-LA, or an NA11

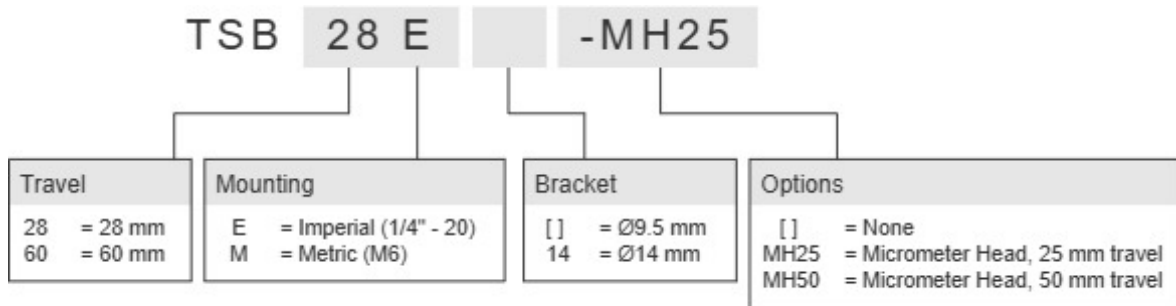
TSB Series Overview

Zaber's TSB Series of translation stages are ball bearing linear stages with 28 mm or 60 mm of travel. They are compatible with our X-NA and T-NA Series micro linear actuators, T-LA Series miniature linear actuators, and our NA11 Series stepper linear actuators and can be used in XY stage configuration.

The versions with manual micrometer heads have 25 mm or 50 mm of travel and 0.01 mm resolution. They can also be mounted directly in XY configuration or XYZ configuration with an AB90E (imperial) angle bracket or an AB90M (metric) angle bracket.

For more information visit: <https://www.zaber.com/products/linear-stages/TSB>

TSB Series Part Numbering & Options



TSB28E Drawings

- [TSB.pdf \(Drawing for the TSB\)](#)

TSB28E Specifications

Microstep Size (Default Resolution)	10 μm
AutoDetect	No
Travel Range	28 mm (1.102")
Maximum Centered Load	100 N (22.4 lb)
Maximum Moment (Pitch)	40 N-cm (56.6 oz-in)
Maximum Moment (Roll)	125 N-cm (177.0 oz-in)
Maximum Moment (Yaw)	40 N-cm (56.6 oz-in)
Motor Type	No
Guide Type	Ball bearing
Axes of Motion	1
Mounting Interface	1/4-20 threaded holes
Stage Parallelism	< 100 μ m (< 0.003937")
Operating Temperature Range	0 to 75 °C
CE Compliant	Yes
Vacuum Compatible	No
Weight	0.47 kg (1.036 lb)

Contact

Email: contact@zaber.com

Phone (toll free Canada/USA): 1-888-276-8033

Phone (direct): 1-604-569-3780

Fax: 1-604-648-8033

Zaber Technologies Inc.

#2 - 605 West Kent Ave. N.

Vancouver, British Columbia

Canada, V6P 6T7

<https://www.zaber.com>