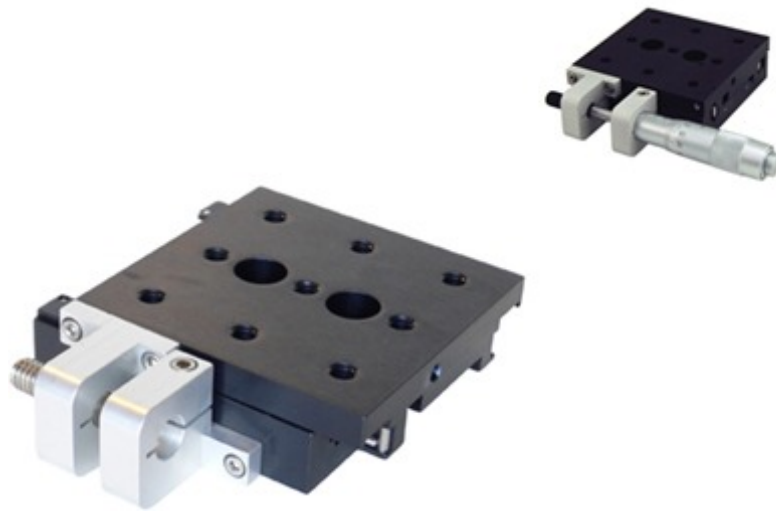


## TSB28M14 Datasheet



- 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

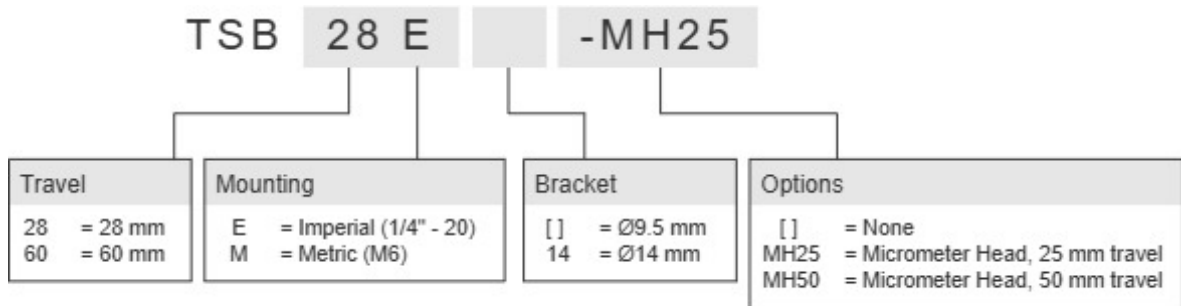
### TSB Series Overview

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



## TSB28M14 Drawings

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

## TSB28M14 Specifications

<b>Microstep Size (Default Resolution)</b>	<b>10 <math>\mu</math>m</b>
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	M6 threaded holes
Stage Parallelism	< 100 $\mu$ m (< 0.003937")
Operating Temperature Range	0 to 75 °C
CE Compliant	Yes
Vacuum Compatible	No
Weight	0.47 kg (1.036 lb)

## Contact

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