

TECHSPEC® Travel Bearing Plate



#85-620 and #85-619



Stock **#85-620** [CONTACT US](#)

-

1

+

£46<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | £46.40 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

| Product Downloads |
|-------------------|
|-------------------|

| Regulatory Compliance     |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
|                           | Certificate of Conformance: |
| <a href="#">View</a>      |                             |
| <a href="#">Compliant</a> | REACH 241:                  |
|                           |                             |

Product Details

- Compact Design with Built-In Translation Assembly
- Configurable for ½" or 1" Travel
- [Accepts Micrometers with 3/8” Shank](#)
- Step-by-Step Assembly Instructions [Available](#)

TECHSPEC® Cage System Linear Translation Assemblies are used to add linear translation to a TECHSPEC Optical Cage System setup. The built-in translation assembly enables coarse positioning along the cage rods. Once fixed to the cage rods, fine translation can be done using a micrometer drive. By adding additional springs and replacing the 3mm x50mm rods ([#85-470](#)) with two 3mm x75mm ([#86-847](#), sold separately), the ½" standard travel can be extended to 1". TECHSPEC Cage System Linear Translation Assemblies are available in two options: simple translation utilizes 6mm rods and standard plates, while ball bearing translation utilizes ball bearing slides for low-friction translation.

**Note:** [Micrometer/drive mechanism](#) and [6mm Support Rods](#) sold separately.

Technical Information

| Description                    | Quantity    | Feature                                                | Stock No.                         |
|--------------------------------|-------------|--------------------------------------------------------|-----------------------------------|
| Micrometer Mount Kit           | 1 Required  | Micrometer Holder                                      | <a href="#">#85-618</a>           |
|                                |             | Protective Steel Plate                                 |                                   |
|                                |             | <a href="#">#86-838</a> Compression Springs (2pk)      |                                   |
| 25mm Standard Cage Plate, M6   | 2 Required* | One plate is used for travel and second plate is fixed | <a href="#">#85-632</a>           |
| 30mm Standard Cage Plate, M6   |             |                                                        | <a href="#">#85-630</a>           |
| 25mm Standard Cage Plate, ¼-20 |             |                                                        | <a href="#">#85-633</a>           |
| 30mm Standard Cage Plate, ¼-20 |             |                                                        | <a href="#">#85-631</a>           |
| Micrometer or Actuator         | 1 Required  | Choose based on type, travel, and graduation           | <a href="#">Customer Selected</a> |
| Shaft Collar (2pk)             | 1 Optional  | Can be used instead of a fixed plate                   | <a href="#">#86-845</a>           |
| Compression Springs (2pk)      | 1 Optional  | Used to extend travel range to 1"                      | <a href="#">#86-838</a>           |

\***Note:** Only 1 required if Shaft Collars are used.

| Description               | Quantity   | Feature                                                | Stock No.                         |
|---------------------------|------------|--------------------------------------------------------|-----------------------------------|
| Translation Assembly Kit  | 1 Required | <a href="#">#85-618</a> Micrometer Mount Kit           | <a href="#">#86-847</a>           |
|                           |            | <a href="#">#85-620</a> Travel Bearing Plate           |                                   |
|                           |            | <a href="#">#85-619</a> Fixed Bearing Plate            |                                   |
|                           |            | <a href="#">#85-686</a> Linear Bearing Bushings (2pk)  |                                   |
|                           |            | <a href="#">#85-471</a> 3mm Dia x 75mm Length Rod (x2) |                                   |
| Micrometer or Actuator    | 1 Required | Choose based on type, travel, and graduation           | <a href="#">Customer Selected</a> |
| Compression Springs (2pk) | 1 Optional | Used to extend travel range to 1"                      | <a href="#">#86-838</a>           |

| Type             | Travel | Graduation | Stock No.               |
|------------------|--------|------------|-------------------------|
| Micrometer Drive | 0.5"   | 0.001"     | <a href="#">#58-660</a> |
| Micrometer Drive | 25mm   | 0.01mm     | <a href="#">#58-663</a> |