

# X Axis Preset Dovetail Translation Stages - Footprints

Stage Size 15 × 15 mm / 25 × 25 mm / 40 × 40 mm / 60 × 60 mm / 65 × 65 mm

TASB-1

RoHS

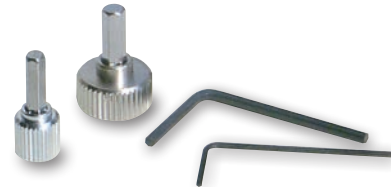
**Preset dovetail translation stages with leadscrew actuators and locking mechanism. Ideal stages for system integration.**

- Ideal for system integration where fine alignment is made, the stage is locked, and the system is sealed or closed.
- Multiple square footprints available.
- Minimal protrusions, including the adjustment knob, to fit within tight locations.
- Lockable with the use of a small locking set screw and wrench.

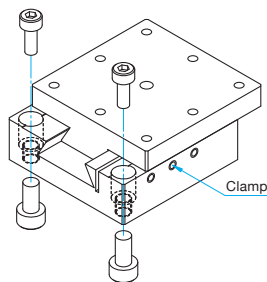


## Guide

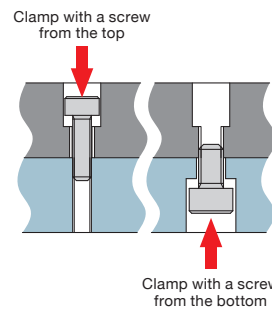
- ▶ A hex wrench, knurled knob, and locking wrench are included.



## Mounting Method



## Detailed Illustration



### Top mounting

Tapped holes are used as counterbores because screws are smaller than tapped holes and will go in without any interference.

### Bottom mounting

Clamp with screws that match the specification of tapped holes.

## About Mounting Holes

The bottom mounting holes of preset stages are tapped holes. These stages allow mounting from the top or the bottom, convenient for securing on optical breadboards or other instruments as well as assembling in systems. Use the screws of the sizes listed in the table on the right for mounting.

| Part Number | Secure from the top | Secure from the bottom |
|-------------|---------------------|------------------------|
| TASB-151    | M2                  | M2.6                   |
| TASB-251    | M2                  | M3                     |
| TASB-401    | M3                  | M4                     |
| TASB-401UU  | 6-32UNC             | —                      |
| TASB-601    | M4                  | M5                     |
| TASB-651-M6 | M6                  | M8                     |
| TASB-651UU  | 1/4-20UNC           | 5/16-18UNC             |

\* When mounting from the top surface, slide the top surface to insert screws in mounting holes.

## Specifications

| Part Number          | METRIC            | TASB-151        | TASB-251    | TASB-401       | TASB-601      | TASB-651-M6   |
|----------------------|-------------------|-----------------|-------------|----------------|---------------|---------------|
|                      | INCH              | —               | —           | TASB-401UU     | —             | TASB-651UU    |
| Stage Size [mm]      |                   | 15×15           | 25×25       | 40×40          | 60×60         | 65×65         |
| Axes of Travel       |                   | X axis          |             |                |               |               |
| Travel [mm]          |                   | ±2              | ±3          | ±7             | ±10           | ±12.5         |
| Screw Pitch [mm]     |                   | 0.4             | 0.5         | 0.5            | 0.5           | 0.5           |
| Guide Method         |                   | Dovetail method |             |                |               |               |
| Primary Material     |                   | Brass           |             |                |               |               |
| Finish               |                   | Black matte     |             |                |               |               |
| Load Capacity [N]    |                   | 9.8 (1.0kgf)    | 49 (5.0kgf) | 98.1 (10.0kgf) | 147 (15.0kgf) | 147 (15.0kgf) |
| Max. Moment Capacity | Straightness [μm] | 10              | 10          | 10             | 10            | 10            |
|                      | Pitch [N·m]       | 0.5             | 2.0         | 4.0            | 5.1           | 5.1           |
|                      | Roll [N·m]        | 0.5             | 2.0         | 3.75           | 5.1           | 5.1           |
|                      | Yaw [N·m]         | 0.2             | 1.0         | 3.0            | 4.0           | 4.0           |
| Moment Stiffness     | Pitch [°/N·cm]    | 8.0             | 2.0         | 0.61           | 0.4           | 0.35          |
|                      | Roll [°/N·cm]     | 7.0             | 1.5         | 0.51           | 0.3           | 0.35          |
| Parallelism [μm]     |                   | 50              | 50          | 50             | 50            | 50            |
| Weight [kg]          |                   | 0.02            | 0.06        | 0.2            | 0.5           | 0.7           |

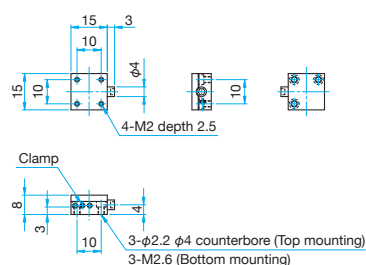




## Outline Drawing

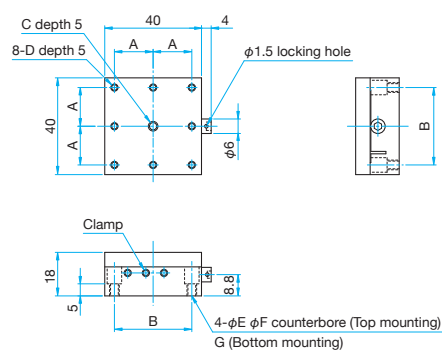
### TASB-151

- Pan head screw M2×5...3 screws, One 2.5mm hex wrench with knob, One 0.89mm hex wrench  
 hex wrench with knob size 2.5mm, hex wrench size for clamp 0.89mm



### TASB-401/401UU

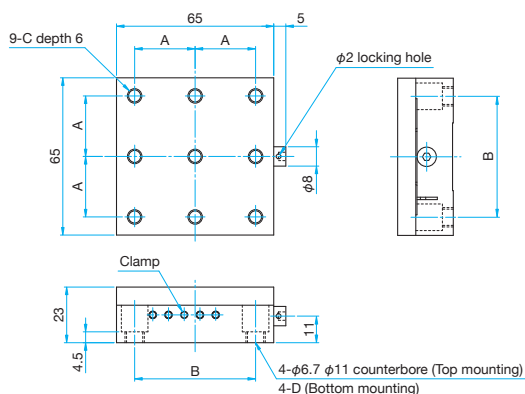
- Pan head screw M3×8...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench  
 Hexagonal socket head cap screw 6-32UNC×3/8...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (UU)  
 hex wrench with knob size 3mm, hex wrench size for clamp 1.5mm



| Part Number | A (mm) | B (mm) | C       | D       | E (mm) | F (mm) | G    |
|-------------|--------|--------|---------|---------|--------|--------|------|
| TASB-401    | 16     | 32     | M4      | M3      | 3.3    | 6      | 4-M4 |
| TASB-401UU  | 15.875 | 31.75  | 8-32UNC | 6-32UNC | 4      | 6.5    |      |

### TASB-651-M6/651UU

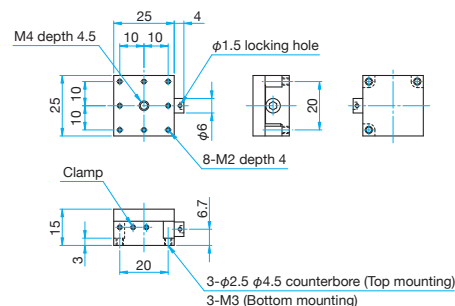
- Hexagonal socket head cap screw M6×12...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (M6)  
 Hexagonal socket head cap screw 1/4-20UNC×1/2...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (UU)  
 hex wrench with knob size 3mm, hex wrench size for clamp 1.5mm



| Part Number | A (mm) | B (mm) | C         | D          |
|-------------|--------|--------|-----------|------------|
| TASB-651-M6 | 25     | 50     | M6        | M8         |
| TASB-651UU  | 25.4   | 50.8   | 1/4-20UNC | 5/16-18UNC |

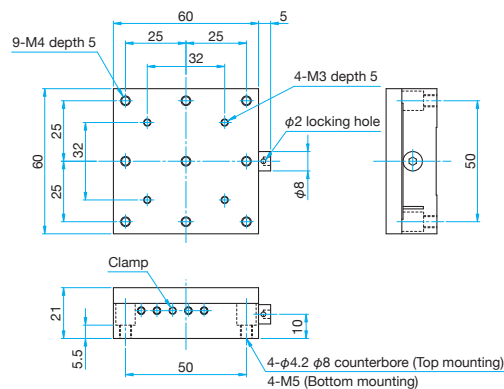
### TASB-251

- Pan head screw M2×6...3 screws, One 3mm hex wrench with knob, One 0.89mm hex wrench  
 hex wrench with knob size 3mm, hex wrench size for clamp 0.89mm



### TASB-601

- Hexagonal socket head cap screw M4×10...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench  
 hex wrench with knob size 3mm, hex wrench size for clamp 1.5mm



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Lapping

V Groove Screw

Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

Others



# XY Axis Preset Dovetail Translation Stages - Footprints

Stage Size 15 × 15 mm / 25 × 25 mm / 40 × 40 mm / 60 × 60 mm / 65 × 65 mm

TASB-2

RoHS

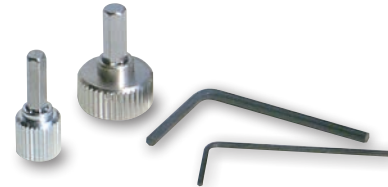
**Preset dovetail translation stages with leadscrew actuators and locking mechanism. Ideal stages for system integration.**

- Preset dovetail translation stages with leadscrew actuators and locking mechanism. Ideal stages for system integration.
- Ideal for system integration where fine alignment is made, the stage is locked, and the system is sealed or closed.
- Multiple square footprints available.
- Minimal protrusions, including the adjustment knob, to fit within tight locations.
- Lockable with the use of a small locking set screw and wrench.

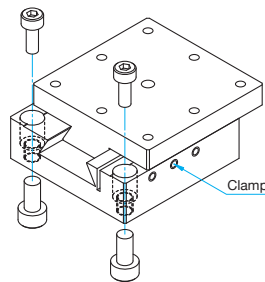


## Guide

▶ A hex wrench, knurled knob, and locking wrench are included.

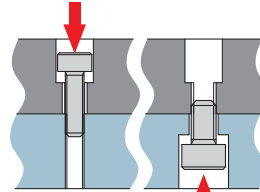


## Mounting Method



## Detailed Illustration

Clamp with a screw from the top



### Top mounting

Tapped holes are used as counterbores because screws are smaller than tapped holes and will go in without any interference.

### Bottom mounting

Clamp with screws that match the specification of tapped holes.

Clamp with a screw from the bottom

## About Mounting Holes

The bottom mounting holes of preset stages are tapped holes. These stages allow mounting from the top or the bottom, convenient for securing on optical breadboards or other instruments as well as assembling in systems. Use the screws of the sizes listed in the table on the right for mounting.

| Part Number | Secure from the top | Secure from the bottom |
|-------------|---------------------|------------------------|
| TASB-152    | M2                  | M2.6                   |
| TASB-252    | M2                  | M3                     |
| TASB-402    | M3                  | M4                     |
| TASB-402UU  | 6-32UNC             | —                      |
| TASB-602    | M4                  | M5                     |
| TASB-652-M6 | M6                  | M8                     |
| TASB-652UU  | 1/4-20UNC           | 5/16-18UNC             |

\* When mounting from the top surface, slide the top surface to insert screws in mounting holes.

## Specifications

| Part Number       | METRIC            | TASB-152        | TASB-252    | TASB-402       | TASB-602      | TASB-652-M6   |
|-------------------|-------------------|-----------------|-------------|----------------|---------------|---------------|
|                   | INCH              | —               | —           | TASB-402UU     | —             | TASB-652UU    |
| Stage Size [mm]   |                   | 15×15           | 25×25       | 40×40          | 60×60         | 65×65         |
| Axes of Travel    |                   | XY axis         |             |                |               |               |
| Travel [mm]       |                   | ±2              | ±3          | ±7             | ±10           | ±12.5         |
| Screw Pitch [mm]  |                   | 0.4             | 0.5         | 0.5            | 0.5           | 0.5           |
| Guide Method      |                   | Dovetail method |             |                |               |               |
| Primary Material  |                   | Brass           |             |                |               |               |
| Finish            |                   | Black matte     |             |                |               |               |
| Load Capacity [N] |                   | 9.8 (1.0kgf)    | 49 (5.0kgf) | 98.1 (10.0kgf) | 147 (15.0kgf) | 147 (15.0kgf) |
| Travel Accuracy   | Straightness [μm] | 10              | 10          | 10             | 10            | 10            |
|                   | Pitch [N·m]       | 0.5             | 2.0         | 3.75           | 5.1           | 5.1           |
|                   | Roll [N·m]        | 0.5             | 2.0         | 3.75           | 5.1           | 5.1           |
|                   | Yaw [N·m]         | 0.2             | 1.0         | 3.0            | 4.0           | 4.0           |
| Moment Stiffness  | Pitch [°/N·cm]    | 15              | 3.57        | 1.12           | 0.7           | 0.7           |
|                   | Roll [°/N·cm]     | 15              | 3.57        | 1.12           | 0.7           | 0.7           |
| Parallelism [μm]  |                   | 100             | 100         | 100            | 100           | 100           |
| Weight [kg]       |                   | 0.03            | 0.11        | 0.3            | 0.83          | 1.12          |

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Lapping

V Groove Screw

Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

Others







# Z Axis Preset Dovetail Translation Stages - Footprints

Stage Size 15 × 15 mm / 25 × 25 mm / 40 × 40 mm / 60 × 60 mm / 65 × 65 mm

TASB-3

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Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

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65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

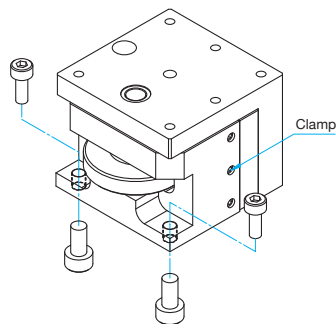
Others

**Z axis translation stages with horizontal top plate.**  
**Space saving design offers compact footprints.**  
**Appropriate for system integration.**

- Ideal for system integration where fine alignment is made, the stage is locked, and the system is sealed or closed.
- Multiple square footprints available.
- Minimal protrusions, including the adjustment knob, to fit within tight locations.
- Lockable with the use of a small locking set screw and wrench.



## Mounting Method



## About Mounting Holes

The bottom mounting holes of preset stages are tapped holes. These stages allow mounting from the top or the bottom, convenient for securing on optical breadboards or other instruments as well as assembling in systems. Use the screws of the sizes listed in the table on the right for mounting.

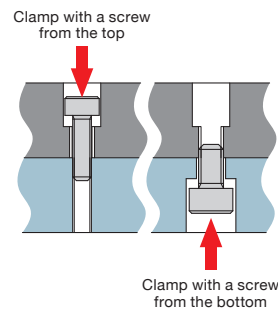
| Part Number | Secure from the top | Secure from the bottom |
|-------------|---------------------|------------------------|
| TASB-153    | M2                  | M2.6                   |
| TASB-253    | M2                  | M3                     |
| TASB-403    | M3                  | M4                     |
| TASB-403UU  | 6-32UNC             | —                      |
| TASB-603    | M4                  | M5                     |
| TASB-653-M6 | M6                  | M8                     |
| TASB-653UU  | 1/4-20UNC           | 5/16-18UNC             |

## Guide

- A hex wrench, knurled knob, and locking wrench are included.



## Detailed Illustration



### Top mounting

Tapped holes are used as counterbores because screws are smaller than tapped holes and will go in without any interference.

### Bottom mounting

Clamp with screws that match the specification of tapped holes.

## Specifications

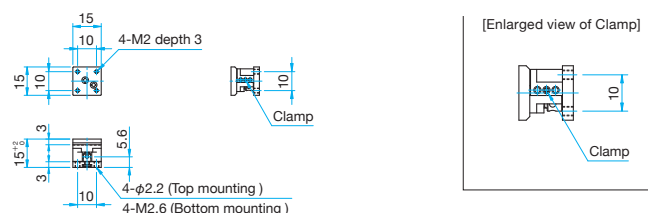
| Part Number       | METRIC            | TASB-153              | TASB-253     | TASB-403    | TASB-603     | TASB-653-M6  |
|-------------------|-------------------|-----------------------|--------------|-------------|--------------|--------------|
|                   | INCH              | —                     | —            | TASB-403UU  | —            | TASB-653UU   |
| Stage Size [mm]   |                   | 15×15                 | 25×25        | 40×40       | 60×60        | 65×65        |
| Axes of Travel    |                   | Z axis                |              |             |              |              |
| Travel [mm]       |                   | +2 / -0               | +3 / -0      | +5 / -0     | +7 / -0      | +7 / -0      |
| Screw Pitch [mm]  |                   | 0.4                   | 0.5          | 0.5         | 0.5          | 0.5          |
| Guide Method      |                   | Dovetail slide method |              |             |              |              |
| Primary Material  |                   | Brass                 |              |             |              |              |
| Finish            |                   | Black matte           |              |             |              |              |
| Load Capacity [N] |                   | 4.9 (0.5kgf)          | 6.9 (0.7kgf) | 29.4 (3kgf) | 98.1 (10kgf) | 98.1 (10kgf) |
| Travel Accuracy   | Straightness [μm] | 30                    | 30           | 30          | 30           | 30           |
|                   | Pitch [N·m]       | —                     | 0.3          | 0.5         | 1.0          | 1.0          |
|                   | Roll [N·m]        | —                     | 0.3          | 0.5         | 1.0          | 1.0          |
| Moment Stiffness  | Pitch [°/N·cm]    | —                     | 6.1          | 4.59        | 0.7          | 0.7          |
|                   | Roll [°/N·cm]     | —                     | 4.1          | 2.55        | 1.7          | 1.7          |
| Parallelism [μm]  |                   | 100                   | 100          | 100         | 100          | 100          |
| Weight [kg]       |                   | 0.012                 | 0.05         | 0.2         | 0.9          | 1.1          |



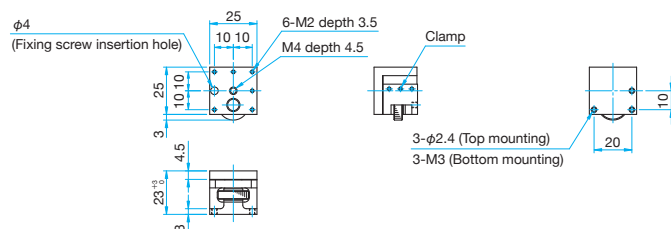


## Outline Drawing

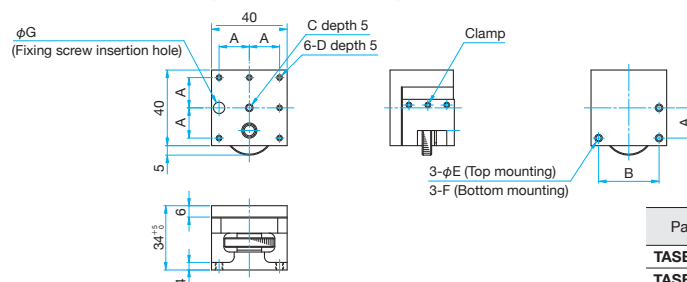
**TASB-153** Hexagonal socket head cap screw M2×5...4 screws, One 0.89mm hex wrench Adjustment hole size  $\phi 1.8\text{mm}$ , wrench size for Clamp 0.89mm



**TASB-253** Hexagonal socket head cap screw M2×6...3screws, One 0.89mm hex wrench wrench size for Clamp 0.89mm

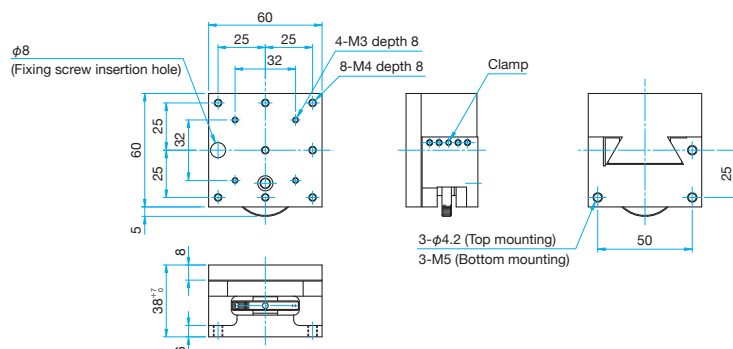


**TASB-403/403UU** Hexagonal socket head cap screw M3×8...3 screws, One 1.5mm hex wrench wrench size for Clamp 1.5mm  
Hexagonal socket head cap screw (stainless steel construction) 6-32UNC×5/16...3 screws, One 1.5mm hex wrench (UU) hex wrench size for Clamp 1.5mm (UU)

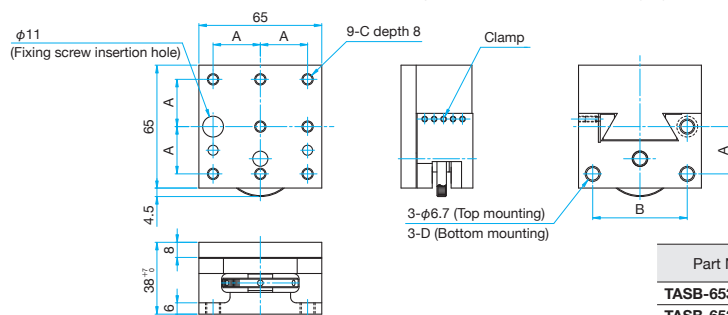


| Part Number | A (mm) | B (mm) | C       | D       | E (mm) | F    | G (mm) |
|-------------|--------|--------|---------|---------|--------|------|--------|
| TASB-403    | 16     | 32     | M4      | M3      | 3.3    | 4-M4 | 6      |
| TASB-403UU  | 15.875 | 31.75  | 8-32UNC | 6-32UNC | 4      |      | 6.5    |

**TASB-603** Hexagonal socket head cap screw M4×10...3 screws, One 1.5mm hex wrench Adjustment hole size  $\phi 3\text{mm}$ , wrench size for Clamp 1.5mm



**TASB-653-M6/653UU** Hexagonal socket head cap screw M6×12...3 screws, One 1.5mm hex wrench for Clamp, One 5mm hex wrench (M6)  
Hexagonal socket head cap screw 1/4-20UNC×1/2...3 screws, One 1.5mm hex wrench for Clamp, One 3/16inch hex wrench (UU)  
 hex wrench size for Clamp 1.5mm, hex wrench size 5mm (M6)  
 hex wrench size for Clamp 1.5mm, 3/16inch hex wrench (UU)



| Part Number | A (mm) | B (mm) | C         | D          |
|-------------|--------|--------|-----------|------------|
| TASB-653-M6 | 25     | 50     | M6        | M8         |
| TASB-653UU  | 25.4   | 50.8   | 1/4-20UNC | 5/16-18UNC |

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V Groove Screw

Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

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100 × 100 mm

120 × 120 mm

Others



# XZ Axis Preset Dovetail Translation Stages

Stage Size 15 × 15 mm / 25 × 25 mm / 40 × 40 mm / 60 × 60 mm / 65 × 65 mm

TASB-4

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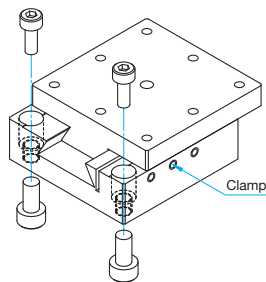
Others

**XZ axis translation stages with horizontal top plate.**  
**Space saving design offers compact footprints.**  
**Appropriate for system integration.**

- Ideal for system integration where fine alignment is made, the stage is locked, and the system is sealed or closed.
- Multiple square footprints available.
- Minimal protrusions, including the adjustment knob, to fit within tight locations.
- Lockable with the use of a small locking set screw and wrench.



## Mounting Method



## About Mounting Holes

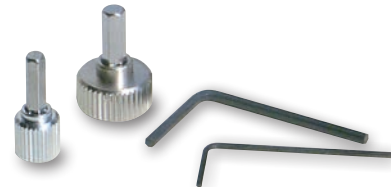
The bottom mounting holes of preset stages are tapped holes. These stages allow mounting from the top or the bottom, convenient for securing on optical breadboards or other instruments as well as assembling in systems. Use the screws of the sizes listed in the table on the right for mounting.

| Part Number | Secure from the top | Secure from the bottom |
|-------------|---------------------|------------------------|
| TASB-154    | M2                  | M2.6                   |
| TASB-254    | M2                  | M3                     |
| TASB-404    | M3                  | M4                     |
| TASB-404UU  | 6-32UNC             | —                      |
| TASB-604    | M4                  | M5                     |
| TASB-654-M6 | M6                  | M8                     |
| TASB-654UU  | 1/4-20UNC           | 5/16-18UNC             |

\* When mounting from the top surface, slide the top surface to insert screws in mounting holes.

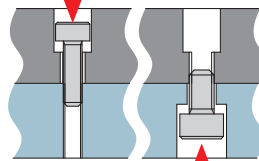
## Guide

► A hex wrench knurled knob and locking wrench are included.



## Detailed Illustration

Clamp with a screw from the top



### Top mounting

Tapped holes are used as counterbores because screws are smaller than tapped holes and will go in without any interference.

### Bottom mounting

Clamp with screws that match the specification of tapped holes.

Clamp with a screw from the bottom

## Specifications

| Part Number          | METRIC         | TASB-154                    | TASB-254                    | TASB-404                    | TASB-604                     | TASB-654-M6                    |
|----------------------|----------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|
|                      | INCH           | —                           | —                           | TASB-404UU                  | —                            | TASB-654UU                     |
| Stage Size [mm]      |                | 15×15                       | 25×25                       | 40×40                       | 60×60                        | 65×65                          |
| Axes of Travel       |                | XZ axis                     |                             |                             |                              |                                |
| Travel [mm]          |                | X axis ±2<br>Z axis +2 / -0 | X axis ±3<br>Z axis +3 / -0 | X axis ±7<br>Z axis +5 / -0 | X axis ±10<br>Z axis +7 / -0 | X axis ±12.5<br>Z axis +7 / -0 |
| Screw Pitch [mm]     |                | 0.4                         | 0.5                         | 0.5                         | 0.5                          | 0.5                            |
| Guide Method         |                | Dovetail slide method       |                             |                             |                              |                                |
| Primary Material     |                | Brass                       |                             |                             |                              |                                |
| Finish               |                | Black matte                 |                             |                             |                              |                                |
| Load Capacity [N]    |                | 4.9 (0.5kgf)                | 6.9 (0.7kgf)                | 29.4 (3.0kgf)               | 98.1 (10.0kgf)               | 98.1 (10.0kgf)                 |
| Travel Accuracy      |                | Straightness [μm]           |                             |                             |                              |                                |
|                      |                | 30                          | 30                          | 30                          | 30                           | 30                             |
| Max. Moment Capacity | Pitch [N·m]    | —                           | 0.3                         | 0.5                         | 1.0                          | 1.0                            |
|                      | Roll [N·m]     | —                           | 0.3                         | 0.5                         | 1.0                          | 1.0                            |
| Moment Stiffness     | Pitch [°/N·cm] | —                           | 8.2                         | 5.2                         | 1.1                          | 1.1                            |
|                      | Roll [°/N·cm]  | —                           | 5.6                         | 3.1                         | 2.1                          | 2.1                            |
| Parallelism [μm]     |                | 150                         | 150                         | 150                         | 150                          | 150                            |
| Weight [kg]          |                | 0.03                        | 0.11                        | 0.4                         | 1.4                          | 1.8                            |







# XYZ Axis Preset Dovetail Translation Stages

Stage Size 15 × 15 mm / 25 × 25 mm / 40 × 40 mm / 60 × 60 mm / 65 × 65 mm

TASB-5

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Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

Others

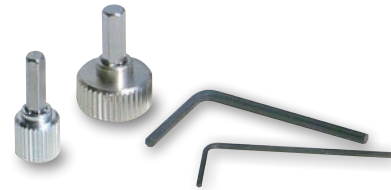
XYZ axis translation stages with horizontal top plate.  
Space saving design offers compact footprints.  
Appropriate for system integration.

- Ideal for system integration where fine alignment is made, the stage is locked, and the system is sealed or closed.
- Multiple square footprints available.
- Minimal protrusions, including the adjustment knob, to fit within tight locations.
- Lockable with the use of a small locking set screw and wrench.

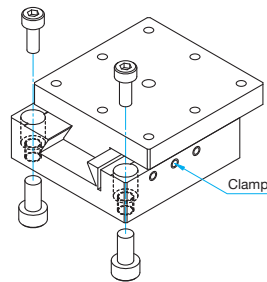


## Guide

► A hex wrench, knurled knob, and locking wrench are included.

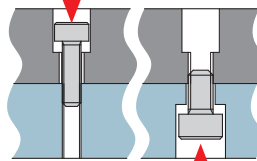


## Mounting Method



## Detailed Illustration

Clamp with a screw from the top



### Top mounting

Tapped holes are used as counterbores because screws are smaller than tapped holes and will go in without any interference.

### Bottom mounting

Clamp with screws that match the specification of tapped holes.

Clamp with a screw from the bottom

## About Mounting Holes

The bottom mounting holes of preset stages are tapped holes. These stages allow mounting from the top or the bottom, convenient for securing on optical breadboards or other instruments as well as assembling in systems. Use the screws of the sizes listed in the table on the right for mounting.

| Part Number | Secure from the top | Secure from the bottom |
|-------------|---------------------|------------------------|
| TASB-155    | M2                  | M2.6                   |
| TASB-255    | M2                  | M3                     |
| TASB-405    | M3                  | M4                     |
| TASB-405UU  | 6-32UNC             | —                      |
| TASB-605    | M4                  | M5                     |
| TASB-655-M6 | M6                  | M8                     |
| TASB-655UU  | 1/4-20UNC           | 5/16-18UNC             |

\* When mounting from the top surface, slide the top surface to insert screws in mounting holes.

## Specifications

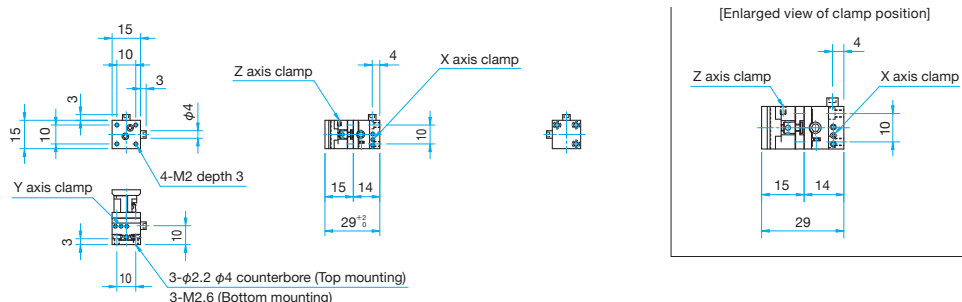
| Part Number          | METRIC            | TASB-155                     | TASB-255                     | TASB-405                     | TASB-605                      | TASB-655-M6                     |
|----------------------|-------------------|------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|
|                      | INCH              | —                            | —                            | TASB-405UU                   | —                             | TASB-655UU                      |
| Stage Size [mm]      |                   | 15×15                        | 25×25                        | 40×40                        | 60×60                         | 65×65                           |
| Axes of Travel       |                   | XYZ axis                     |                              |                              |                               |                                 |
| Travel [mm]          |                   | XY axis ±2<br>Z axis +2 / -0 | XY axis ±3<br>Z axis +3 / -0 | XY axis ±7<br>Z axis +5 / -0 | XY axis ±10<br>Z axis +7 / -0 | XY axis ±12.5<br>Z axis +7 / -0 |
| Screw Pitch [mm]     |                   | 0.4                          | 0.5                          | 0.5                          | 0.5                           | 0.5                             |
| Guide Method         |                   | Dovetail slide method        |                              |                              |                               |                                 |
| Primary Material     |                   | Brass                        |                              |                              |                               |                                 |
| Finish               |                   | Black matte                  |                              |                              |                               |                                 |
| Load Capacity [N]    |                   | 4.9 (0.5kgf)                 | 6.9 (0.7kgf)                 | 29.4 (3.0kgf)                | 98.1 (10.0kgf)                | 98.1 (10.0kgf)                  |
| Travel Accuracy      | Straightness [μm] | 30                           | 30                           | 30                           | 30                            | 30                              |
| Max. Moment Capacity | Pitch [N·m]       | —                            | 0.3                          | 0.5                          | 1.0                           | 1.0                             |
|                      | Roll [N·m]        | —                            | 0.3                          | 0.5                          | 1.0                           | 1.0                             |
| Moment Stiffness     | Pitch [°/N·cm]    | —                            | 9.7                          | 5.8                          | 1.5                           | 1.5                             |
|                      | Roll [°/N·cm]     | —                            | 7.7                          | 3.7                          | 2.5                           | 2.5                             |
| Parallelism [μm]     |                   | 200                          | 200                          | 200                          | 200                           | 200                             |
| Weight [kg]          |                   | 0.04                         | 0.16                         | 0.53                         | 1.73                          | 2.22                            |



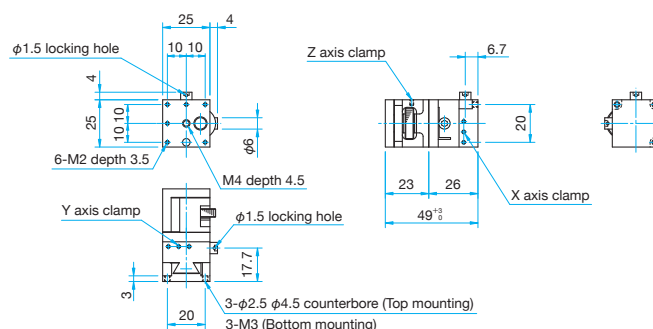


## Outline Drawing

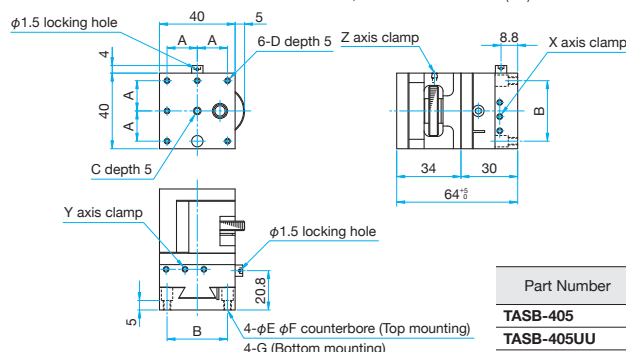
**TASB-155** Pan head screw M2x5...3 screws, One 2.5mm hex wrench with knob, One 0.89mm hex wrench XY axis=Wrench size for adjustment 2.5mm, Z axis=Adjustment hole size  $\phi 1.8$ mm Wrench size for clamp common to XYZ axes=0.89mm



**TASB-255** Pan head screw M2x6...3 screws, One 3mm hex wrench with knob, One 0.89mm hex wrench Wrench size for adjustment XY axes=3mm, Wrench size for clamp common to XYZ axes=0.89mm



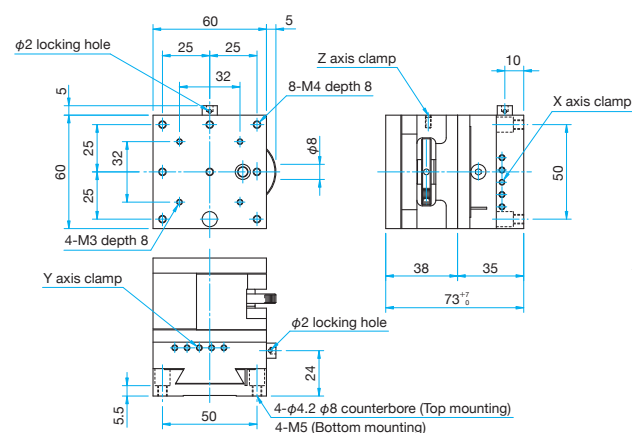
**TASB-405/405UU** Pan head screw M3x8...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench Hexagonal socket head cap screw 6-32UNCx3/8...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (UU) Wrench size for adjustment XY axis=3mm, Wrench size for clamp common to XYZ axes=1.5mm One 3mm hex wrench with knob, hex wrench size for clamp 1.5mm (UU)



| Part Number       | A (mm) | B (mm) | C       | D       | E (mm) | F (mm) | G  |
|-------------------|--------|--------|---------|---------|--------|--------|----|
| <b>TASB-405</b>   | 16     | 32     | M4      | M3      | 3.3    | 6      | M4 |
| <b>TASB-405UU</b> | 15.875 | 31.75  | 8/32UNC | 6-32UNC | 4      | 6.5    |    |

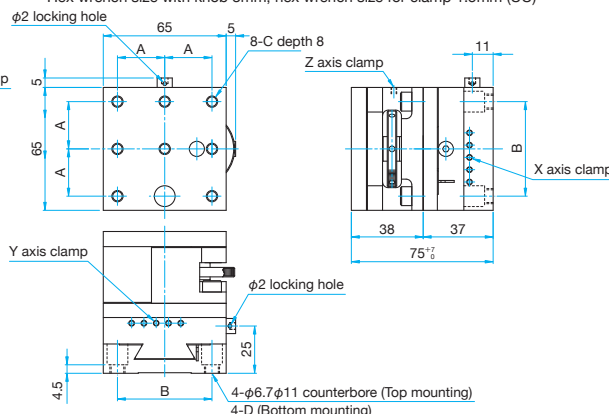
## TASB-605

Hexagonal socket head cap screw M4x10...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench XY axes=Wrench size for adjustment 3mm, Z axis=Adjustment hole size  $\phi 3$ mm Wrench size for clamp common to XYZ axes=1.5mm



## TASB-655-M6/655UU

Hexagonal socket head cap screw M6x12...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (M6) Hexagonal socket head cap screw 1/4-20UNCx1/2...4 screws, One 3mm hex wrench with knob, One 1.5mm hex wrench (UU) Hex wrench size with knob 3mm, hex wrench size for clamp 1.5mm (M6) Hex wrench size with knob 3mm, hex wrench size for clamp 1.5mm (UU)



| Part Number        | A (mm) | B (mm) | C         | D          |
|--------------------|--------|--------|-----------|------------|
| <b>TASB-655-M6</b> | 25     | 50     | M6        | M8         |
| <b>TASB-655UU</b>  | 25.4   | 50.8   | 1/4-20UNC | 5/16-18UNC |

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Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

Others