

[Simplified Adjustments] XY-Axis, Feed Screw, Key Guide Units  
**C-VALUE** [Standard] XY-Axis Dovetail Slide, Feed Screw

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 Hex Wrench Drive

Compared to similar products 28% OFF Max.

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■ **Features:** Have the top and bottom surfaces clamped with screws. Has a very low profile (height: 16mm) and thus, are suitable for adjustment on limited spaces.

**XY-Axis, Low Profile**

**XYKYF40**

(Max. Stroke State)

| Main Body      |                   | Feed Screw |                            | Clamp Screw |                   |
|----------------|-------------------|------------|----------------------------|-------------|-------------------|
| Material       | Surface Treatment | Material   | Surface Treatment          | Material    | Surface Treatment |
| Aluminum Alloy | Black Anodize     | Steel      | Electroless Nickel Plating | Steel       | Black Oxide       |

| Part Number     | Table Surface Size (mm) | Travel Distance (mm) | Travel per Rotation (mm) | Clamp Screw | Load Capacity (N) | Weight (kg) | Unit Price |
|-----------------|-------------------------|----------------------|--------------------------|-------------|-------------------|-------------|------------|
| <b>XYKYF 40</b> | 40x40                   | 20                   | 20                       | M4          | 19.6              | 0.15        |            |

Ordering Example Part Number **XYKYF40**

Similar Products Comparison Points | Travel Accuracy Straightness 50µm

Similar Product Pages P.1998

**XY-Axis**

**XYFES25 (Standard)**

**XYFES40 (Standard)**

**XYFES60 (Standard)**

Clamp Position Change **XYFES** -R (Right/Left Reversed)

\*The depth will be short due to the stage shape.

Material: Aluminum Alloy, Surface Treatment: Black Anodize

| Type         | Part Number | Stage Surface (mm) | Travel Distance (mm) | Travel per Rotation (mm) | Load Capacity (N) | Travel Accuracy Straightness | Weight (kg) | Unit Price |      |
|--------------|-------------|--------------------|----------------------|--------------------------|-------------------|------------------------------|-------------|------------|------|
| <b>XYFES</b> | 25          | 25x25              | ±5                   | 0.5                      | 27.4              | 50µm                         | 0.09        |            |      |
|              | 40          | 40x40              | ±7                   |                          |                   |                              |             |            | 0.16 |
|              | 60          | 60x60              | ±8                   |                          |                   |                              |             |            | 0.36 |

Resolution (Vernier Scale Indication): 0.1mm/division  
 Extension Cover HDEXT12-□ (sold separately): Ø12 knobs can be extended by installing the cover. **P2068**  
 (Caution) Please note that increased knob diameter may interfere with the stage mounting base surfaces.

Ordering Example Part Number **XYFES40**

Similar Products Comparison Points | Travel Accuracy Straightness 50µm

Similar Product Pages P.1998

**XY-Axis, Hex Wrench Drive (Lead 0.5mm)**

**XYFEES25**

**XYFEES40**

**XYFEES60**

Clamp Position Change **XYFEES** -R (Right/Left Reversed)

Hex Wrench Hole Details (View a)

\*The depth will be short due to the stage shape.  
 \*Please note that the plate might be removed when the stage is moved in a travel distance more than the predetermined value.

Material: Aluminum Alloy, Surface Treatment: Black Anodize

| Type          | Part Number | Stage Surface (mm) | Travel Distance (mm) | Travel per Rotation (mm) | Load Capacity (N) | Travel Accuracy Straightness | Weight (kg) | Unit Price |      |
|---------------|-------------|--------------------|----------------------|--------------------------|-------------------|------------------------------|-------------|------------|------|
| <b>XYFEES</b> | 25          | 25x25              | ±5                   | 0.5                      | 27.4              | 50µm                         | 0.06        |            |      |
|               | 40          | 40x40              | ±7                   |                          |                   |                              |             |            | 0.13 |
|               | 60          | 60x60              | ±8                   |                          |                   |                              |             |            | 0.32 |

Resolution (Vernier Scale Indication): 0.1mm/division

Ordering Example Part Number **XYFEES40**

**ex** Example

Tips: Long stroke moves can be made easily with use of a ball-point hex wrench.

