

Linear Guide Clamps

For Miniature Linear Guides

Linear Guide Clamps

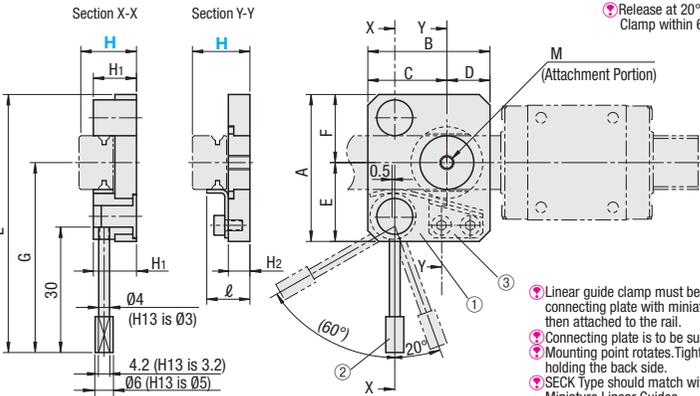
For Medium/Heavy Load Linear Guides



| Type | Part | Material |
|---------------|-------------|----------|
| SECK SECWK | ① Main Body | SUS304 |
| | ② Lever | SUS304 |
| | ③ Contacts | C2801P |

Tightening Force and Retaining Force
40 N or More (Lever End)
Retaining Force (Reference) 70-105 N

Release at 20° to the right.
Clamp within 60° range to the left.



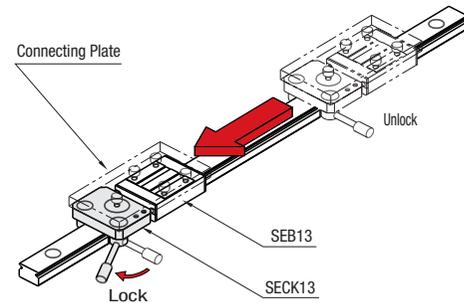
Linear guide clamp must be mounted to a connecting plate with miniature linear guide first, then attached to the rail.
Connecting plate is to be supplied by user.
Mounting point rotates. Tighten the screw by holding the back side.
SECK Type should match with H dimension of Miniature Linear Guides.
SECWK Type should match with H dimension of Miniature Linear Guides Wide Type.
The lever ② can be screwed off.

| Part Number | | A | B | C | D | E | F | M | H ₁ | H ₂ | l | L | G | Retaining Force (Reference) | Unit Price |
|-------------|----|----|----|------|------|------|------|----|----------------|----------------|----|----|------|-----------------------------|------------|
| SECK | 13 | 38 | 34 | 22 | 12 | 20.5 | 17.5 | M4 | 10 | 5 | 10 | 64 | 46.5 | 70N | |
| | 16 | 41 | 34 | 22 | 12 | 22 | 19 | | 12 | 6 | 12 | 67 | 48 | 95N | |
| SECWK | 14 | 50 | 34 | 22 | 12 | 26.5 | 23.5 | M5 | 11 | 5 | 11 | 76 | 52.5 | 75N | |
| | 16 | 68 | 34 | 20.5 | 13.5 | 35.5 | 32.5 | | 13 | 6 | 13 | 94 | 61.5 | 105N | |

Ordering Example

Part Number
SECK13

Example



Characteristics of Linear Guide Clamp

Linear guide blocks can be locked at arbitrary positions by rotating a lever. Convenient when simple position retaining utility is needed.

*When using the Linear Guide Clamps in inclined or vertical applications, provide external means to prevent the slider from falling.



| Type | Part | Material | Surface Treatment |
|--------------|------------------------------|----------|----------------------------|
| SVCN SVCK | ① Main Body | S45C | Electroless Nickel Plating |
| | ② Right and Left Hand Thread | SCM435 | Black Oxide Coating |
| | ③ Contacts | S45C | - |

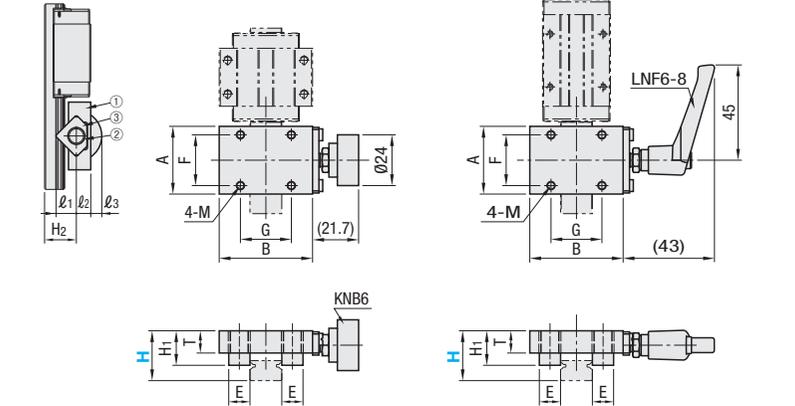
Tightening Torque and Retaining Force
• Knob Type: 0.7 N·m
Retaining Force (Reference) 100 N
• Clamp Lever Type: 2.5 N·m
Retaining Force (Reference) 400 N

Opening Ranges of Contacts
H24→10-22mm H36→17-36mm
H28→14-28mm H42→21-56mm
H30→15-30mm H42G→21-56mm
H33→16-40mm

Fitting Dimensions

Knob Type **SVCN**

Clamp Lever Type **SVCK**



Linear guide clamp must be mounted to a connecting plate with linear guide first, then attached to the rail.
Connecting plate is to be supplied by user.
Match with the H dimension of Medium/Heavy Load Linear Guides.
For KNB6, see P.1165.
For LNF6-8, see P.1145.

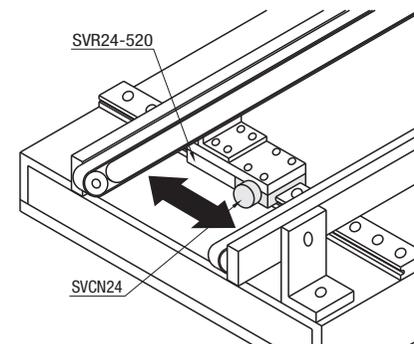
| Part Number | Type | H | A | B | F | G | E | T | H ₁ | H ₂ | l ₁ | l ₂ | l ₃ | M (Coarse) | Unit Price | |
|--------------|------|----|----|----|----|----|------|------|----------------|----------------|----------------|----------------|----------------|------------|------------|------|
| | | | | | | | | | | | | | | | SVCN | SVCK |
| SVCN SVCK | 24 | 32 | 44 | 24 | 24 | 10 | 10.5 | 16.3 | 17.2 | 9.5 | 6.8 | 5.2 | M4 | | | |
| | 28 | 35 | 50 | 25 | 25 | 10 | 11.5 | 17.3 | 20.2 | 9.5 | 7.8 | 4.2 | M5 | | | |
| | 30 | 38 | 54 | 28 | 28 | 11 | 11.0 | 18.3 | 22.7 | 11.0 | 7.3 | 4.7 | M5 | | | |
| | 33 | 38 | 62 | 26 | 26 | 10 | 14.0 | 19.8 | 22.7 | 9.5 | 10.3 | 1.7 | M6 | | | |
| | 36 | 42 | 60 | 30 | 30 | 11 | 13.0 | 20.3 | 26.7 | 11.0 | 9.3 | 2.7 | M6 | | | |
| | 42 | 46 | 80 | 32 | 32 | 11 | 18.0 | 25.3 | 27.7 | 11.0 | 14.3 | - | M8 | | | |

Ordering Example

Part Number
SVCN24

Example

Conveyer Pitch Change



Positioning of Robots etc.

