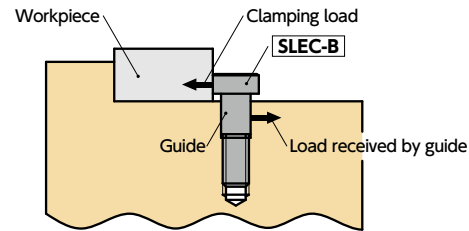


- Since the precision - processed guide receives the clamping load, durability during clamping is increased.



• Material/Finish

	SLEC-B	
Main Body	SCM435 Ferrosferric Oxide Coating	
Strength Class	10.9	

• Related Products

SKX Hexalobular Wrench



SKX-N Hexalobular Wrench for Extremely Limited Access Spaces



- When the screw is tightened, the workpiece is strongly clamped by the head, which is decentered from the shaft center of the screw. The wedge effect creates a large clamping force with low tightening torque.
- The hexalobular*1 shape can withstand high tightening torque.
 - ➔ P.xxxx
- Use a dedicated wrench **SKX** for mounting and removing.
- Use the **SKX-N** hexalobular wrench for extremely limited access spaces for mounting and removing in tight spaces.
- Suitable for fixing linear guideway rails. As the decentered head presses the linear guideway rail against the installation reference surface, precision can be easily achieved when mounting. Also, mounting accuracy is maintained by suppressing warping and misalignment caused by long-term use.
- **SLEC-B-EL** is an electroless nickel plating type. For applications that require corrosion resistance.

• Application

Fixing guideway rails / Fixing workpieces and jigs / Fine positional adjustment of heavy objects

• Part number specification

SLEC-M6-B



Part Number	M(Coarse)		D1	L1	L2	d	L3	e	Applicable wrench	Hexalobular Scket No.	t	Mass (g)
	Nominal of Thread	Pitch										
SLEC-M3-B	M3	0.5	6.8	2.5	6	3.35	4	0.4	SKX-10	10	1	0.82
SLEC-M4-B	M4	0.7	7	3	7	4.5	5	0.4	SKX-15	15	1.2	1.9
SLEC-M5-B	M5	0.8	8.5	4	10	5.5	6	0.4	SKX-20	20	1.5	3.3
SLEC-M6-B	M6	1	10	4	12	6.5	8	0.5	SKX-25	25	2	6
SLEC-M8-B	M8	1.25	13	5	16	8.5	9	0.8	SKX-30	30	2.5	14.3

Individual Sales ➔ P.xxxx	Cleanroom Wash & Packaging ➔ P.xxxx	Screw Length Adjustment ➔ P.xxxx	Vibration Resistant ➔ P.xxxx	Modification process for captive use ➔ P.xxxx
1 piece in 1 pack	Please feel free to contact us	Not Available	Not Available	Not Available

• Installation Dimensions

Part Number	E	M	B H8	Adjustment Range min. / max.	Unit : mm
					s max.
SLEC-M3-B	3.1 ^{+0.3} ₀	M3	3.35	-0.1 / 0.7	3.3
SLEC-M4-B	3.15 ^{+0.3} ₀	M4	4.5	-0.05 / 0.75	4.1
SLEC-M5-B	3.9 ^{+0.3} ₀	M5	5.5	-0.05 / 0.75	5.3
SLEC-M6-B	4.65 ^{+0.3} ₀	M6	6.5	-0.15 / 0.85	5.5
SLEC-M8-B	6.05 ^{+0.5} ₀	M8	8.5	-0.35 / 1.25	7

• Installation Method

- ➊ Screw the clamping screws with eccentric head into the screw holes until the head bearing surface lightly touches the surface **Diagram 1**. At this time, the positions of the eccentric marks do not have to be aligned.
- ➋ Loosen the clamping screws with eccentric head so that the eccentric marks reach the position in **Diagram 2**.
- ➌ Loosen the clamping screws with eccentric head further so that the eccentric marks reach the position in **Diagram 3**.

Diagram 1

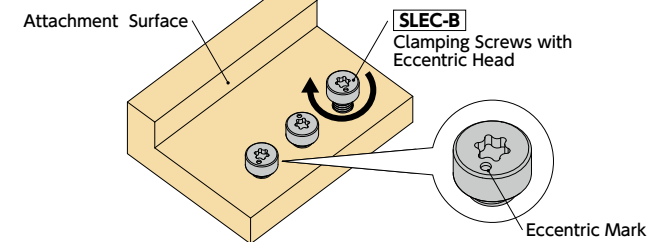


Diagram 2

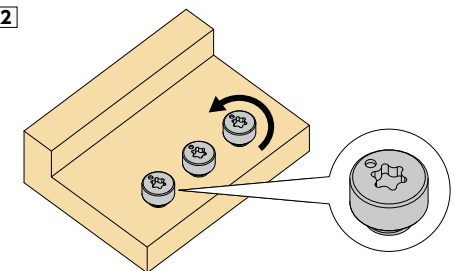


Diagram 3

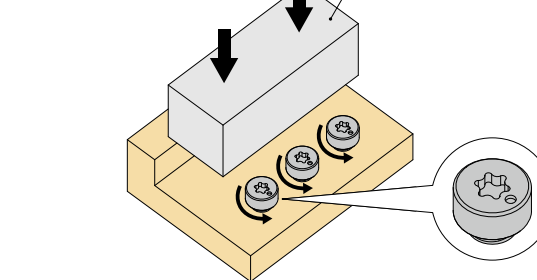
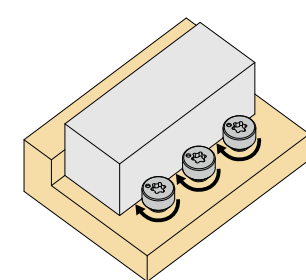
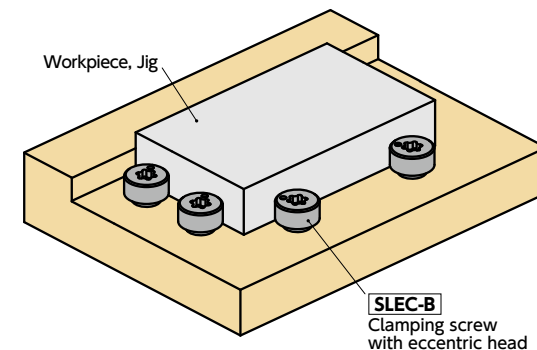


Diagram 4



• Usage example

Fixing workpieces and jigs.



• Recommended size of linear guideway rail

Nominal of Rail	Rail Width W	Applicable Clamping Screws with Eccentric Head	
#9	9	SLEC-M3-B	SLEC-M4-B
#12	12	SLEC-M3-B	SLEC-M4-B
#15	15	SLEC-M3-B	SLEC-M4-B
#20	20	SLEC-M4-B	SLEC-M5-B
#25	23	SLEC-M5-B	SLEC-M6-B
#30	28	SLEC-M6-B	SLEC-M8-B
#35	34	SLEC-M8-B	

- If the eccentric clamping bolt may interfere with the carriage, etc., avoid interference by lowering its mounting surface.
- When using in a linear guideway, press at the position of the linear guideway's bolts.