

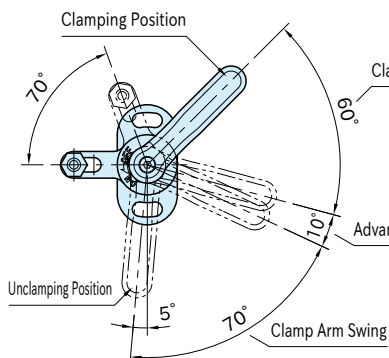


★Key Point

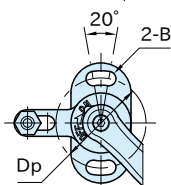
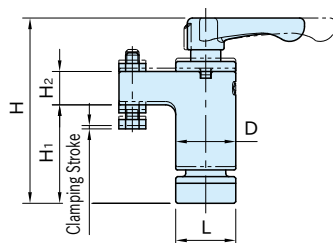
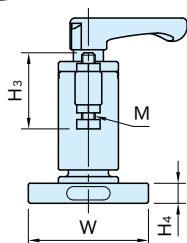
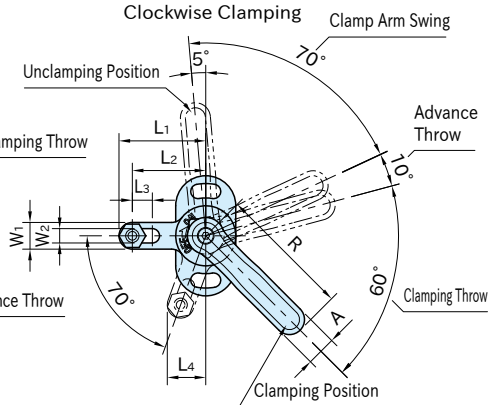
Click to confirm consistent clamping

Body	Arm	Cam Shaft
S45C steel Quenched and tempered Electroless nickel plated	SCM440 steel Quenched and tempered Electroless nickel plated	SKS3 steel Quenched and tempered Electroless nickel plated
Clamping Spindle	Handle	
Brass	Polyamide (glass-fiber reinforced) Orange	

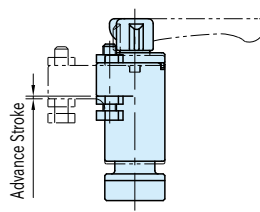
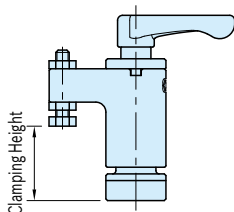
Counterclockwise Clamping



Clockwise Clamping



Mounting Holes



Part Number	Clamping Direction	Clamping Height *)		Clamping Stroke	Advance Stroke	L ₂	L ₃	L ₁	L ₄	W	L	H ₄	B
		Min.	Max.										
QLSWC18R-18	CW	19.5	24.5	1	0.8	22	6	26	11.5	36	18	6	4.3
QLSWC18L-18	CCW	(19-20)	(24-25)										
QLSWC23R-32	CW	29	33	1.4	1.1	30	8	35	15.3	45	23	8	5.3
QLSWC23L-32	CCW	(28.3-29.7)	(32.3-33.7)										
QLSWC30R-55	CW	32.5	39	1.5	1.4	37	8	45	20.7	65	30	12	8.4
QLSWC30L-55	CCW	(31.7-33.2)	(38.2-39.7)										

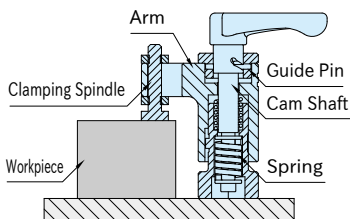
*)Clamping height is adjustable within the listed range.

Part Number	Dp	H	D	W ₁	W ₂	H ₂	H ₁	M	H ₃	R	A	Clamping Force (N) **	Weight (g)
QLSWC18R-18	27	55	18	8	4.3	10	30	M4×0.7	22.8	40	9	180 (150-210)	100
QLSWC18L-18													
QLSWC23R-32	34	72	23	10	5.3	14	40	M5×0.8	28.5	50	11	320 (250-390)	210
QLSWC23L-32													
QLSWC30R-55	48	92	30	16	8.4	18	50	M8×1.25	40.5	63	13	550 (450-650)	500
QLSWC30L-55													

**) Values at the midpoint of the clamping stroke. It varies within the listed range depending on the contact point of the clamping spindle that decides the spring tension.

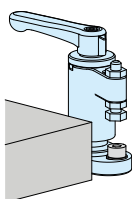
Feature

- Turn the handle after the arm swings into position, the cam shaft rotates along the guide pin to push down the arm. The clamping spindle contacts the workpiece and the cam shaft moves up and compresses the spring to clamp the workpiece.
- Simple one-touch clamping with click ensures constant and reliable clamping.
- Spring-loaded clamp provides constant clamping force with every cycle.

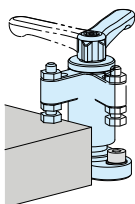


How To Use

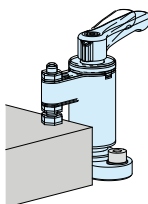
■ Operation of CW Type (Invert the operation for CCW type.)



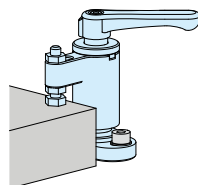
1. Unclamped
Load a workpiece.



2. Arm Swing
Turn the handle to set the clamp arm in position.

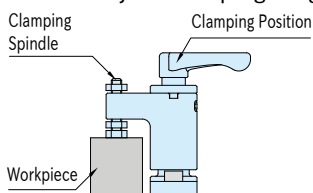


3. Clamping Setup
Continue turning the handle to set the spindle close to the workpiece.

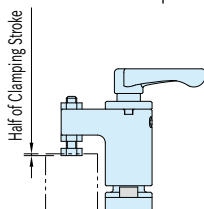


4. Clamping
Turn the handle to the clamping position. The handle clicks when clamping is completed.

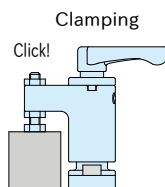
■ How to Adjust Clamping Height



1. Make the spindle contact the workpiece fully at clamping position.



2. Project the clamping spindle by roughly half of the clamping stroke and fix it with the nuts.



3. Setting Completed