

QLNSW

HORIZONTAL-HANDLE HOLD-DOWN SNAP CLAMPS

NEW ROHS

[Base]

Material : S45C steel
Finish : Black oxide

[Body]

Material : SCM440 steel
Heat treat : Quenched and tempered
Finish : Black oxide

[Lever Arm]

Material : S45C steel
Finish : Chrome plated

[Knob]

Material : Phenolic plastic
Color : Black

[Clamping Spindle]

Material : SUSXM7 stainless steel (for QLSNW28)
SCM435 steel (for QLSNW35)
Heat treat : Quenched and tempered (for QLSNW35)
Finish : Black oxide (for QLSNW35)

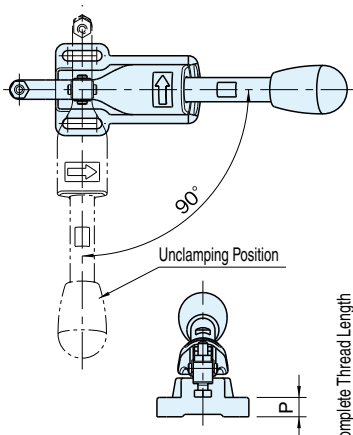


Unclamping Mode

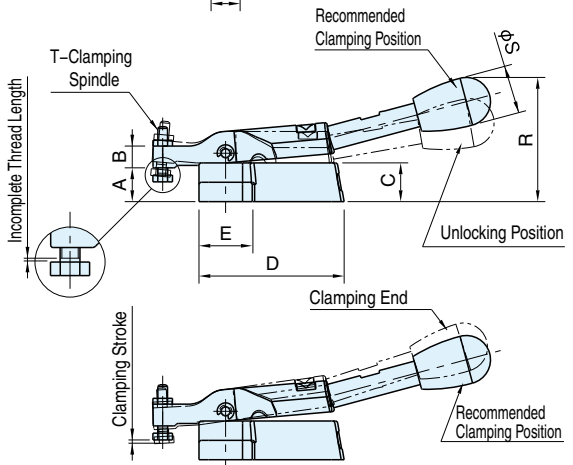
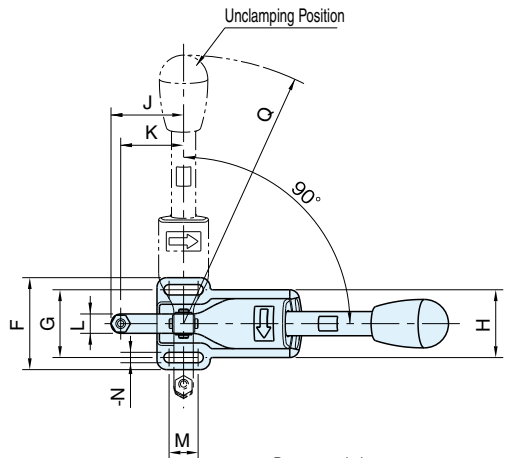
Clamping Mode

The clamp clicks when clamping is done.

Counterclockwise Clamping



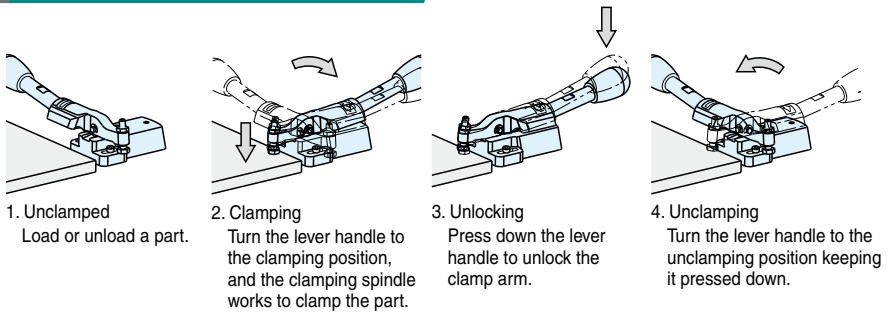
Clockwise Clamping



Series	Clamping Stroke	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
QLSNSW28	1	14	9	16	60	22	38	28	28	30	26	8	12	4.3	8	111	51	20
QLSNSW35	1.5	20	12	22	80	28	48	35	36	40	34	12	15	6.3	12	157	70	26

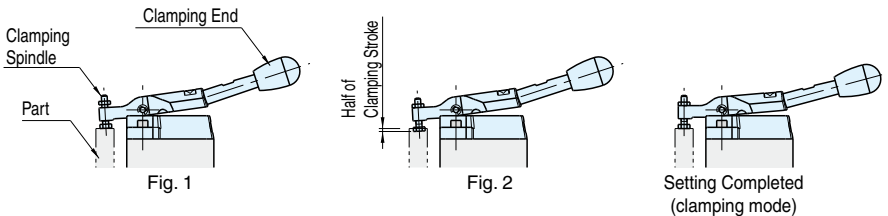
Part Number	Clamping Direction	Part Number	Clamping Direction	T	Allowable Operating Load (N)	Clamping Force (N)	Weight (g)
QLSNSW28-03R	CW	QLSNSW28-03L	CCW	M4X0.7- 20L	10	30	260
QLSNSW28-06R		QLSNSW28-06L		Incomplete Thread Length:1	20	60	260
QLSNSW35-09R		QLSNSW35-09L		M6X1- 25L	30	90	570
QLSNSW35-12R		QLSNSW35-12L		Incomplete Thread Length:2	40	120	570

How To Use



How To Set Lever Handle to Recommended Clamping Position

Turn the lever handle to the clamping end and then set the clamping spindle to contact a part (Fig. 1). Lower the clamping spindle by half of the clamping stroke and then tighten the nut for locking (Fig. 2).

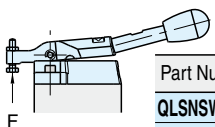


Notes:

- The clamping forces and handle operating loads stated above can vary by up to $\pm 20\%$.
- When a reaction force(F) becomes greater than a clamping force, clamping is released.

Features:

- Perfect for use in space where handle movement is limited vertically.
- The lever handle facilitates clamping operation.
- Uses a snap-on system.



Part Number	Clamping Is Released At:
QLSNSW28-03	$F > 30N$
QLSNSW28-06	$F > 60N$
QLSNSW35-09	$F > 90N$
QLSNSW35-12	$F > 120N$