

QLSNS

PUSH-PULL SNAP CLAMPS



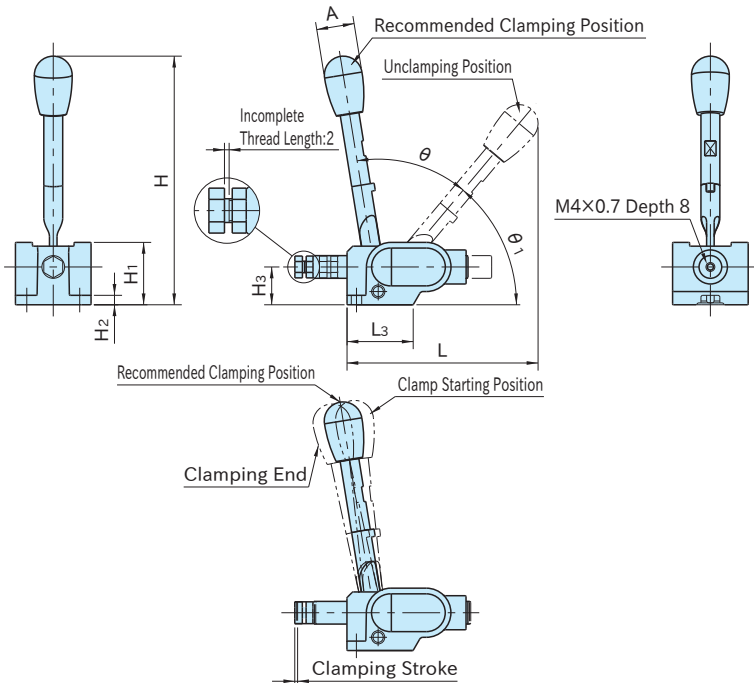
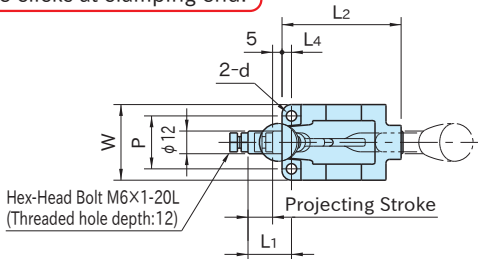
Clamping Mode



Unclamping Mode

Body	Handle Link	Shaft
ZDC2 steel Cation coating finish Black	SCM440 steel Quenched and tempered Black oxide finish	S25C steel Carburized nitriding hardened Black oxide finish
Lever	Knob	Clamping Spindle
S45C steel Chrome plated	Phenolic plastic Black	SCM435 steel Quenched and tempered Black oxide finish

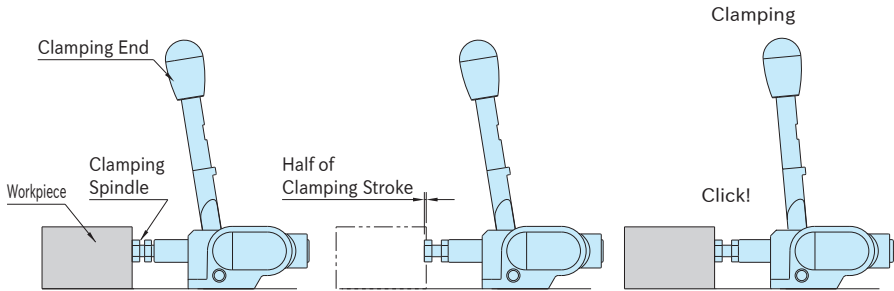
★Key Point
The handle clicks at clamping end.



Part Number	Projecting Stroke	Clamping Stroke	H ₃	L ₁	L ₂	L ₃	W	H ₂	d	L ₄	P
QLSNS28-05	12	1.5	20	22	63	35	40	5	5.5	5	28
QLSNS28-12			25	33	80	42	42	6	6.5	6	30
QLSNS30-07	22		20	22	63	35	40	5	5.5	5	28
QLSNS30-14			25	33	80	42	42	6	6.5	6	30

Part Number	H max.	H ₁	A	L	θ	θ_1	Handle Operating Load (N)	Clamping Force (N)	Weight (g)
QLSNS28-05	133	33	20	101	50°	50°	9	50	370
QLSNS28-12							20	120	
QLSNS30-07	157	38	26	131	60°	45°	6	70	500
QLSNS30-14							18	140	

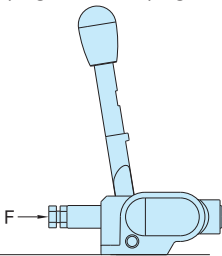
How To Set Handle To Recommended Clamping Position



1. Set the clamping spindle to contact a workpiece at clamping end position.
2. Project the clamping spindle by about half of the clamping stroke and tighten the nut.
3. Setting Completed

Note

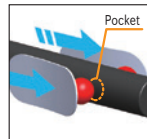
- The clamping forces and handle operating loads stated above can vary by up to $\pm 20\%$.
- When the reaction force (F) becomes greater than the clamping force, clamping is lifted.



Part Number	Clamping Is Lifted When:
QLSNS28-05	$F > 50N$
QLSNS28-12	$F > 120N$
QLSNS30-07	$F > 70N$
QLSNS30-14	$F > 140N$

Feature

- The long handle facilitates clamping operation.
- The handle is locked at the unclamping position.
- Uses a snap-on system (double locking)



Related Product

- **QLSND-AN10** Angle Adaptors to set the handle in an angled position.
- **UB** Clamping Spindles to protect workpieces from being marred.