



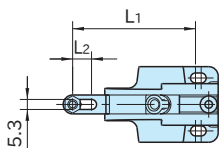
Unclamping Mode

Clamping Mode

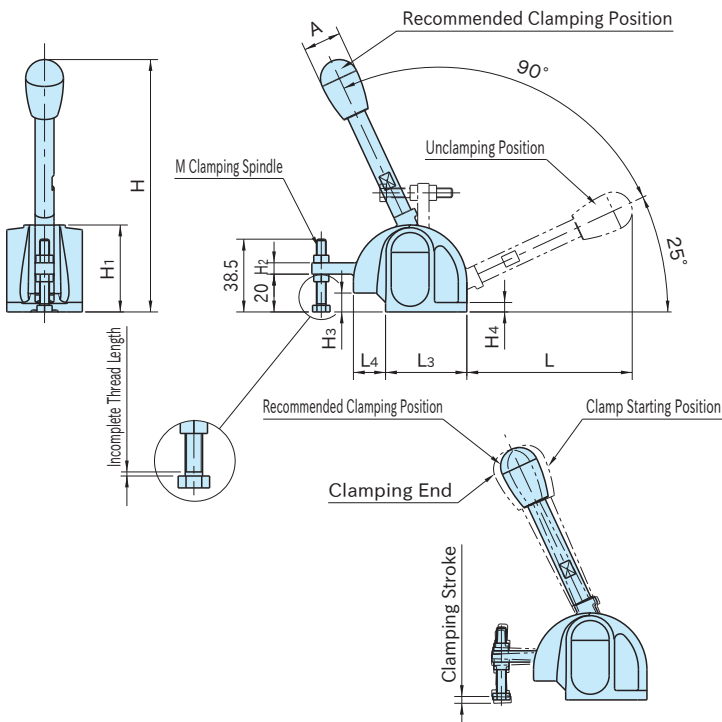
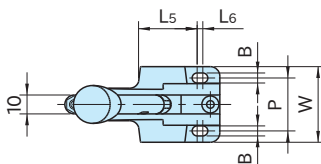
Body	Clamping Arm	Handle	Knob	Clamping Spindle
ZDC2 steel Cation coating finish Black	SCM440 steel Quenched and tempered Black oxide finish	S45C steel Chrome plated	Phenolic plastic Black	SCM435 steel Quenched and tempered Black oxide finish

★Key Point

The handle clicks at clamping end.



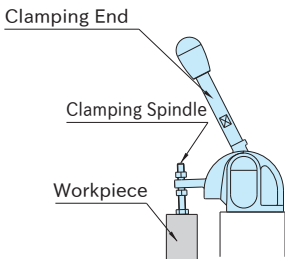
Spindle Position



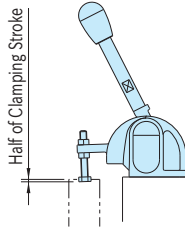
Part Number	Clamping Stroke	L ₁	L ₂	L ₃	W	H ₄	B	L ₆	P	L ₅	H max.	H ₁	H ₂	H ₃
QLSND28-02	3	65	10	43	40	5	5.3	3	28	31	140	46	6	10
QLSND28-05														
QLSND30-03		75	12	48.5	42	6	6.4	6	30	32.5	158	53	8	12
QLSND30-06														

Part Number	L ₄	M	L	A	Handle Operating Load (N)	Clamping Force (N)	Weight (g)
QLSND28-02	17	M5×0.8-35L Incomplete Thread Length:1.5	88	20	6	20	390
QLSND28-05					12	50	
QLSND30-03	22.5		98	26	6	30	520
QLSND30-06					12	60	

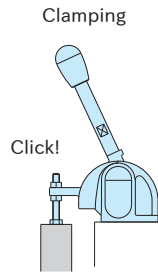
How To Set Handle To Recommended Clamping Position



1. Set the clamping spindle to contact a workpiece at clamping end position.



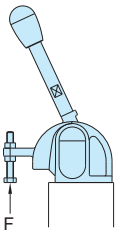
2. Project the clamping spindle by about half of the clamping stroke and tighten the nut.



3. Setting Completed

Note

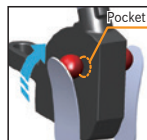
- The clamping forces and handle operating loads stated above can vary by up to ± 20%.
- When the reaction force(F) becomes greater than the clamping force, clamping is lifted.



Part Number	Clamping Is Lifted When :
QLSND28-02	$F > 20N$
QLSND28-05	$F > 50N$
QLSND30-03	$F > 30N$
QLSND30-06	$F > 60N$

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-EX20** Extension Arms to extend the clamp arm.
- **QLSND-AN10** Angle Adaptors to set the handle in an angled position.
- **UBJ** Clamping Spindles to protect workpieces from being marred.