

QLPDH

PULL CLAMPS (Heavy)



(Counterclockwise)

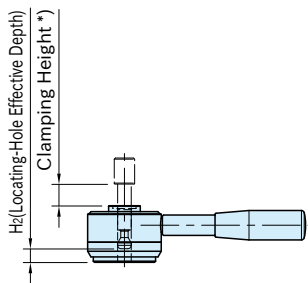
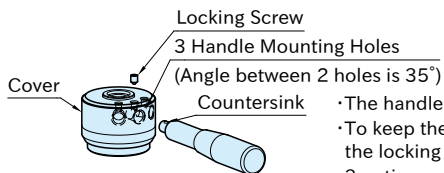
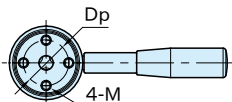
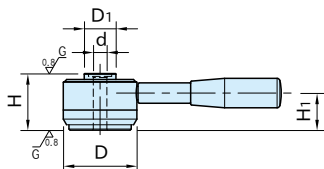
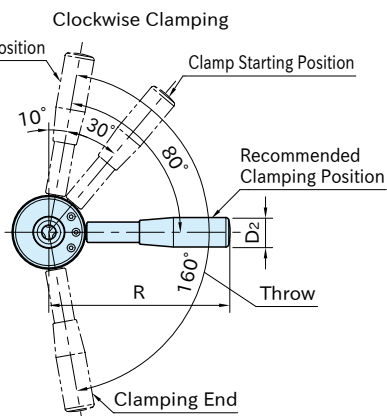
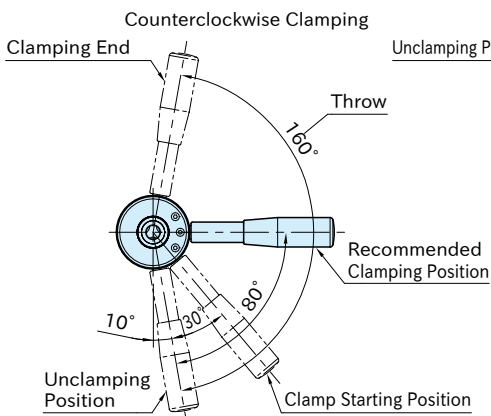
(Clockwise)

★ Key Point

Easy clamping without screws.

Note: Clamping Pins or Screws must be ordered separately.

Body	Handle Shank	Handle
SCM440 steel	S45C steel	Phenolic plastic
Quenched and tempered	Quenched and tempered	Black
Black oxide finish	Black oxide finish	



- The handle can be removed by loosening the locking screw.
- To keep the handle mounted permanently, make sure that the locking screw is fully tightened.
- 3 options of handle mounting position.

Part Number	Clamping Direction	d (F7)	H ₂	D ₁	H (±0.01)	D	M	Dp	R
QLPDH400R	CW	12	10	28	50	65	M 8×1.25 Depth 14	40	160
QLPDH400L	CCW								
QLPDH500R	CW	16	12	34	63	80	M10×1.5 Depth 18	50	180

Part Number	D ₂	H ₁	Allowable Operating Load (N) **)	Clamping Force (kN)	Clamping Mechanism	Recommended Workpiece Thickness Tolerance (***)	Weight (kg)
QLPDH400R	26	32.8	600	6	Spiral Cam Cam Angle: 4°	±0.5	1.2
QLPDH400L				8			
QLPDH500R	28	41.1				±0.8	2.2

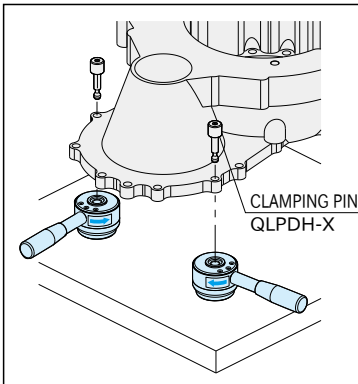
*) Grip length of **QLPDH-X** Clamping Pin (workpiece thickness)

***) Allowable load to operate the handle

****) Maintaining these recommended tolerances allows minimizing the variation of handle position in the clamping mode in clamping with the use of the Clamping P in.

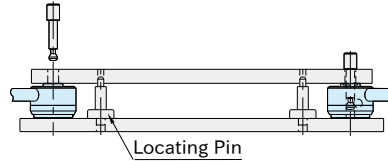
*****) **QLPDH500** is available only with Clockwise Clamping.

How To Use



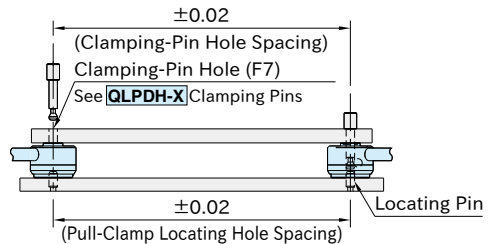
How to Locate Workpiece

1. Basic Method



2. Method for clamping and locating a workpiece at a time

Give an accuracy shown below to the hole spacing to generate a locating accuracy of ±0.08.

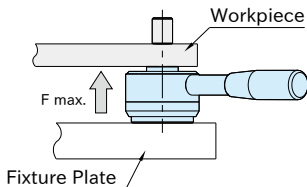


Related Product

- **QLPDH-X** CLAMPING PINS (Heavy)
- **QLPDH-M** CLAMPING SCREWS (Heavy)

Technical Information

■ Allowable Loads in Machining of Workpiece Bottom
Ensure that a force more than indicated below is not applied to the workpiece bottom.



Type	Allowable Force To Workpiece Bottom (Per Clamp)
QLPDH400	max. 8kN
QLPDH500	max. 14kN

Performance Curve

