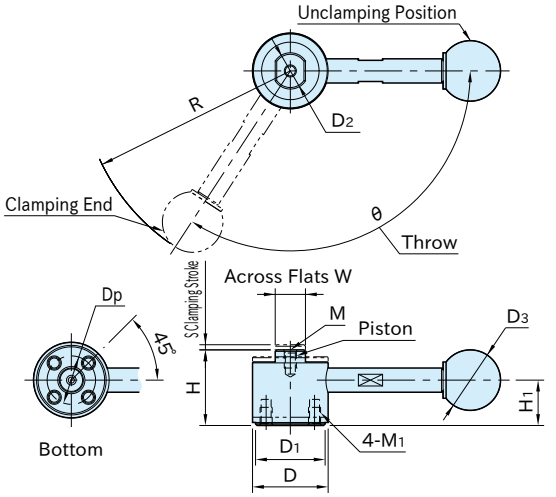
QLPU PUSH CLAMPS

With Handle

Without Handle



Cam	Piston	Handle	Ball Knob
SCM440 steel Quenched and tempered Black oxide finish	S45C steel Quenched and tempered Black oxide finish	S45C steel Black oxide finish	ABS resin Black

Type	H	S	D_2	M	W	θ	D	D_1	M_1	Dp	H_1
QLPU150	25 *)	1.7	12	M4×0.7 Depth 6	10	123°	25	23	M4×0.7 Depth 6	16	15
QLPU200	32 **)	2.5	15	M6×1 Depth 9	13	135°	32	30	M6×1 Depth 9	20	19.5

Type	Clamping Force (kN)	Clamping Mechanism
QLPU150	3	Spiral Cam Cam Angle:4°
QLPU200	4	

*) Actual clamping height : 25 to 26.7 (clamping stroke :1.7)
**) Actual clamping height : 32 to 34.5 (clamping stroke :2.5)

■With Handle

Part Number	R	D_3	Allowable Operating Load (N) ***)	Weight (g)
QLPU150R	69.5	20	150	100
QLPU200R	103	25	200	200

***) Allowable load to operate the handle.

■Without Handle

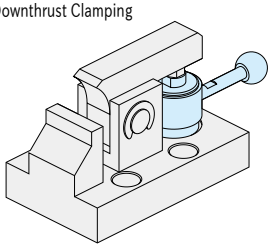
Part Number	Handle Mounting Hole	Weight (g)
QLPU150NR	M5×0.8	75
QLPU200NR	M6×1	150

The handle must be ordered separately.
・QLSL STANDARD HANDLES
・QLTL ADJUSTABLE-TORQUE HANDLES

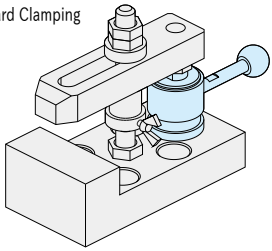
How To Use

■Application Examples

Downthrust Clamping



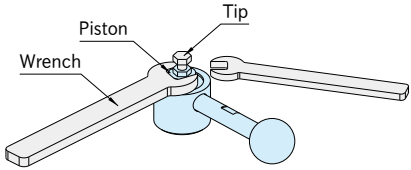
Downward Clamping



Note

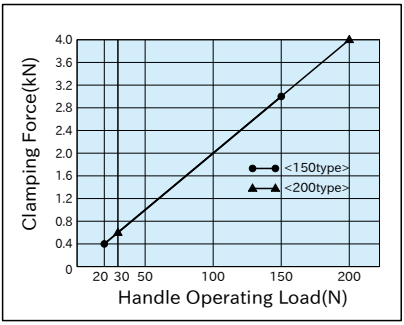
・When installing a tip on the piston, lock the piston using a wrench to prevent the clamp from receiving any torque.

・The piston goes down when turning handle over clamping end.



Performance Curve

■QLSL STANDARD HANDLES



⚠ The performance curves shown below do not denote the guaranteed performance.

■QLTL ADJUSTABLE-TORQUE HANDLES

⚠ The performance curves shown below do not denote the guaranteed performance.

・Use a force gauge when measuring handle-operating loads.