Series	Clamping Stroke	W_1	W_2	H_3	H_4	L_2	W	L	H_2	d	P	H_5	L_1	Clamping Mechanism
QLSCL10	1	38	8	6	3	15	45	33.5	10	5.2	36	5	30.5	Spiral Cam Cam Angle : 4°
QLSCL15	2	60	12	9	5	22	70	50	15	8.2	55	7	46	

With Handle

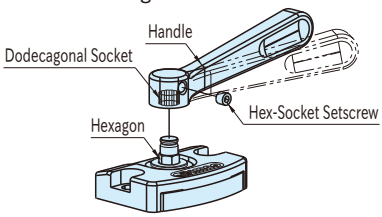
Part Number	H	D	H_1	R	A	B	M_1	Allowable Operating Load(N)*)	Clamping Force (N)	Weight (g)
QLSCL10R	30	13	20	63	12	8	M4×0.7-4L	170	4,000	130
QLSCL15R	46	19	30	100	18	12	M5×0.8-5L	280	6,000	440

*) Allowable load to operate the handle

Without Handle

Part Number	W_3	Allowable Screw Torque(N m)	Clamping Force (N)	Weight (g)
QLSCL10NR	6	10	4,000	85
QLSCL15NR	10	27	6,000	290

How To Change Handle Position

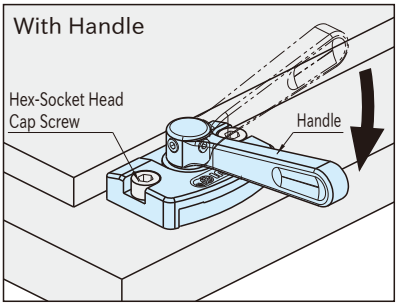


The handle has the dodecagonal socket to allow changing the handle position by 30°

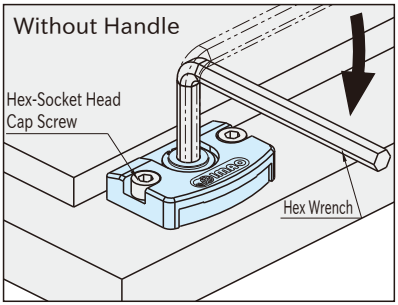
Features

Designed to prevent part lift.

How To Use

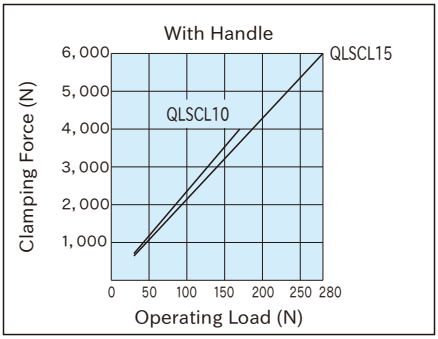


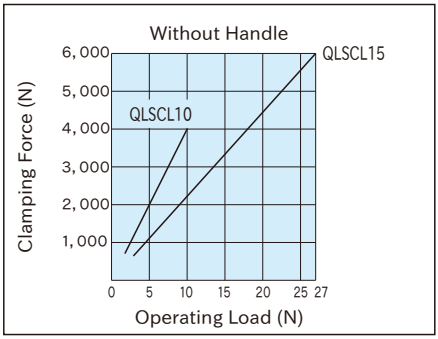
Turning the handle allows the cam to project the jaw for clamping. When the handle is turned back for unclamping, the loaded spring lets the jaw return to the original position.



Use the without-handle style in applications where the handle lies in the way.

Performance Curve





Notes

Ensure that mounting surfaces are finished to $\overset{6.3}{\nabla}$ (6.3a) or better, without any scratches or dents.