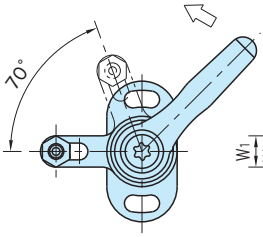
QLSWC SWING CLAMPS WITH ADJUSTABLE HANDLE

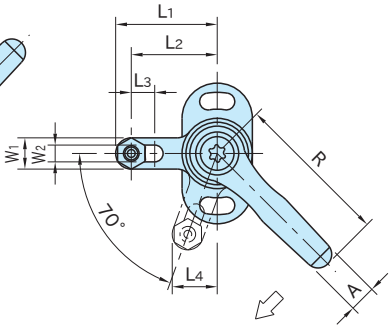
Base/Washer/Clamping Spindle	Body	Handle
S45C steel Quenched and tempered Black oxide finish	SCM440 steel Quenched and tempered Black oxide finish	ZDC1 die cast zinc Coated with paint Black

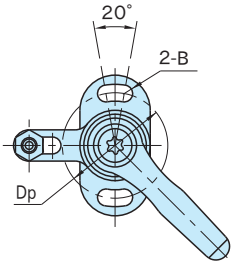
- Clamp worked by a screw-locking mechanism which allows providing longer clamping stroke and greater clamping force than a cam-locking mechanism.
- Operated by an adjustable handle that allows for flexible handle positioning.

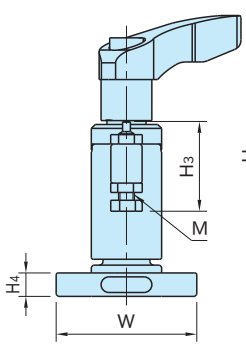
Counterclockwise Clamping

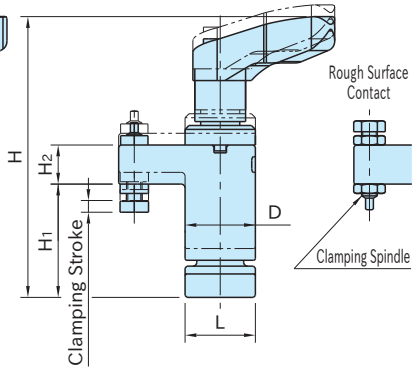


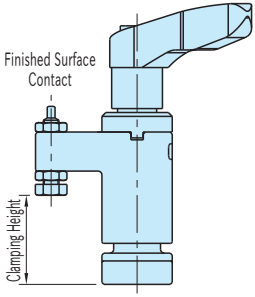
Clockwise Clamping











Part Number	Clamping Direction	Clamping Height *) Finished Surface Contact Min.	Finished Surface Contact Max.	Rough Surface Contact Min.	Rough Surface Contact Max.	Clamping Stroke	L_2	L_3	L_1	L_4	W	L	H_4	B	Dp
QLSWC-0618KR	CW	21.8	23.8	21.4	23.4	3	22	6	26	11.5	36	18	6	4.3	27
QLSWC-0618KL	CCW	(21.8~24.8)	(23.8~26.8)	(21.4~24.4)	(23.4~26.4)										
QLSWC-0823KR	CW	30.3	32.3	31.2	33.2	4	30	8	35	15.3	45	23	8	5.3	34
QLSWC-0823KL	CCW	(30.3~34.3)	(32.3~36.3)	(31.2~35.2)	(33.2~37.2)										
QLSWC-1030KR	CW	30.5	37	31.5	38		37		45	20.7	65	30	12	8.4	48
QLSWC-1030KL	CCW	(30.5~34.5)	(37~41)	(31.5~35.5)	(38~42)										
QLSWC-1240KR	CW	34.5	44	37	46.5	5	45		55	25.4	85	40	15	10.5	64
QLSWC-1240KL	CCW	(34.5~39.5)	(44~49)	(37~42)	(46.5~51.5)										

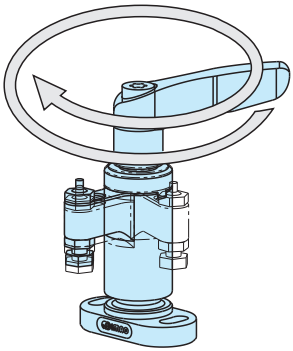
*) Clamping height can be adjusted. The parenthesised values denote clamping height range.

Part Number	H	D	W_1	W_2	H_2	H_1	M	R	A	H_3	Adjustable Handles **)	Allowable Operating Load (N) ***)	Clamping Force (kN)	Weight (g)
QLSWC-0618KR	71.9	18	8	4.3	10	29	M 4X0.7	40	7	22.8	FKF 6-BR	170	2	121
QLSWC-0618KL														
QLSWC-0823KR	97.3	23	10	5.3	14	39	M 5X0.8	65	9.5	28.5	FKF 8-BR		3.2	276
QLSWC-0823KL														
QLSWC-1030KR	122.3	30	16	8.4	18	48	M 8X1.25	80	11	45.5	FKF10-BR	350	4.5	600
QLSWC-1030KL														
QLSWC-1240KR	145.7	40	20	10.4	22	58	M10X1.5	95	13	57	FKF12-BR	410	6	1225
QLSWC-1240KL														

**) Studs are bonded with FKF handles.
***) Allowable load to operate the handle.

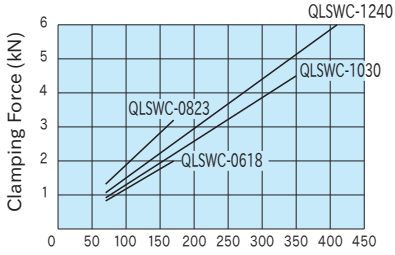
How To Use

- Turning the handle allows the clamp arm to swing for clamping.
- Lifting the handle allows the handle to be disengaged from the teeth of the locking element and then be turned to a desired position.



Note: The above indicates the handle operation of CW type. Invert the operation for CCW type.

Performance Curve



QLSWC SWING CLAMPS FOR TORQUE CONTROL

Stronger type without handle is available.