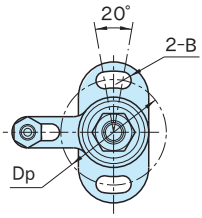
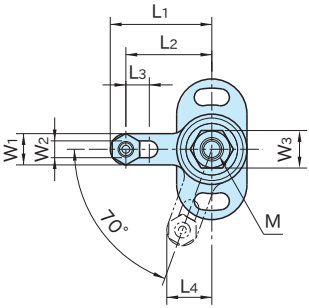
QLSWC SWING CLAMPS FOR TORQUE CONTROL

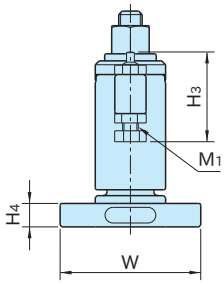
Base/Washer/Flange Nut/Clamping Spindle	Body
S45C steel Quenched and tempered Black oxide finish	SCM440 steel Quenched and tempered Black oxide finish

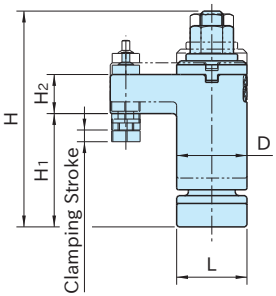
Feature

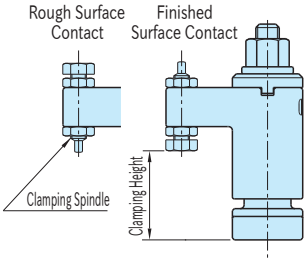
- Designed for clamping-force control with a torque wrench.
- Screw-locking mechanism allows for longer clamping stroke and greater clamping force than a cam-locking mechanism.











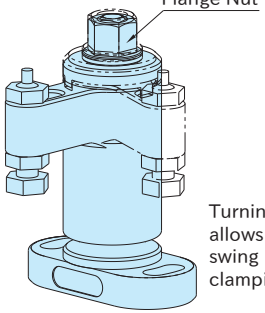
Part Number	Clamping Height *)				Clamping Stroke	L_2	L_3	L_1	L_4	W	L	H_4	B	Dp
	Finished Surface Contact		Rough Surface Contact											
	Min.	Max.	Min.	Max.										
QLSWC-0618	21.8 (21.8~24.8)	23.8 (23.8~26.8)	21.4 (21.4~24.4)	23.4 (23.4~26.4)	3	22	6	26	11.5	36	18	6	4.3	27
QLSWC-0823	30.3 (30.3~34.3)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

*) 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_1	H_3	W_3	M	Clamping Force(kN)	Allowable Screw Torque(N·m)	Weight (g)
QLSWC-0618	56.5	18	8	4.3	10	29	M 4X0.7	22.8	10	M 6X1	2.3	6	94
QLSWC-0823	73.5	23	10	5.3	14	39	M 5X0.8	28.5	13	M 8X1.25	3.6	10.5	210
QLSWC-1030	91	30	16	8.4	18	48	M 8X1.25	45.5	17	M10X1.5	6	30	515
QLSWC-1240	114	40	20	10.4	22	58	M10X1.5	57	19	M12X1.75	7.5	45	1100

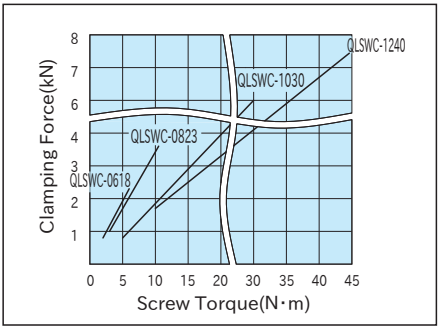
How To Use

■How to Operate



Turning the flange nut allows the clamp arm to swing into position for clamping.

Performance Curve



Note

Do not use a power tool (impact wrench etc.) to turn the flange nut, for damage prevention.

QLSWC SWING CLAMPS WITH ADJUSTABLE HANDLE

One-Touch type is available.