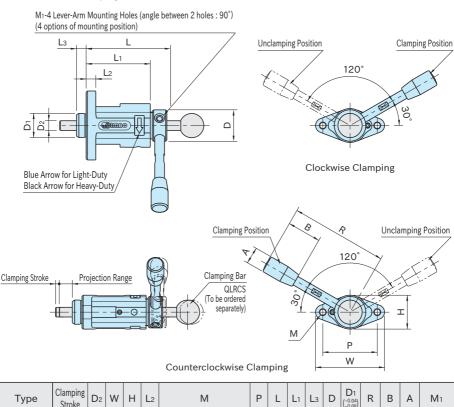
QLRCF

THRUST CLAMPS (Vertical)



Light-Duty Heavy-Duty
(Marked with Blue Arrow) (Marked with Black Arrow)
Note: Clamping bar is not included.



Туре	Clamping Stroke	D ₂	W	Н	L2	М	Р	L	L ₁	Lз	D	D1 (-0.04)	R	В	Α	M ₁
QLRCF-08	1.5	8	57	28	8	M 6×1 (Prepared Hole 5.2)	45	68.5	53	8	26	20	80	28	14	M5×0.8
QLRCF-12	2.3	12	85	40	12	M10×1.5 (Prepared Hole 8.5)	65	90.7	72	12	36	30	132	50	21	M6×1

QLRCF-L (Light-Duty)

Part Number	Clamping Direction	Allowable Operating Load (N)	Clamping Force (kN)	Weight (g)	Clamping-Bar Projection Range
QLRCF-08R-L	CW	40	0.0	220	QLRCS-08100 0~22 QLRCS-08125 0~47
QLRCF-08L-L	LRCF-08L-L CCW		0.2	330	QLRCS-08150 0~72
QLRCF-12R-L	CW	100	0.7	930	QLRCS-12125 0~20 QLRCS-12150 0~45
QLRCF-12L-L	CCW	100			QLRCS-12150 0~45 QLRCS-12200 0~95

QLRCF (Heavy-Duty)

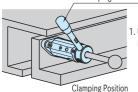
Part Number	Clamping Direction	Allowable Operating Load (N)	Clamping Force (kN)	Weight (g)	Clamping-Bar Projection Range
QLRCF-08R QLRCF-08L			0.5	330	QLRCS-08100 0~22 QLRCS-08125 0~47 QLRCS-08150 0~72
QLRCF-12R QLRCF-12L	CW	150	1.4	950	QLRCS-12125 0~20 QLRCS-12150 0~45 QLRCS-12200 0~95

Feature

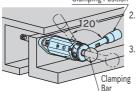
- $\boldsymbol{\cdot}$ Can be used in both vertical and horizontal clamping applications.
- •The horizontal style is also available. (see page for QLRC)
- ·Spring-loaded clamp that provides constant clamping force.
- ·Long clamping-bar projection range allows clamping a recessed part. (When using your own clamping bar, ensure that the diameter is finished to a h9 or better tolerance)

How To Use

■ Operation of CW Type (Invert the operation for CCW type.)
Unclamping Position

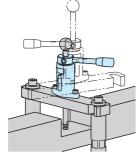


Unclamped
 Load or unload a part.



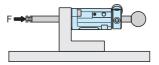
- Clamping Setup
 Project the clamping bar
 until it contacts the part.
- 3. Clamping

 Turn the lever handle
 (120°) to the clamping
 position.
- ■Application Example (Vertical Clamping)



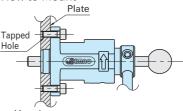
✓ Note

When a reaction force (F) becomes greater than a clamping force, the clamping bar slides back to get a part unclamped.

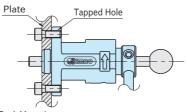


Туре	Clamp Releasing Force
QLRCF-08-L	F>0.2kN
QLRCF-12-L	F>0.7kN
QLRCF-08	F>0.5kN
QLRCF-12	F>1.4kN

■How to Mount



• Face Mounting (Use cap screws with one-size smaller threads than mounting-hole threads.)



• Back Mounting (Use cap screws with threads of the same size as mounting-hole threads.)