



RoHS Compliant **NEW**



No.E-9659C

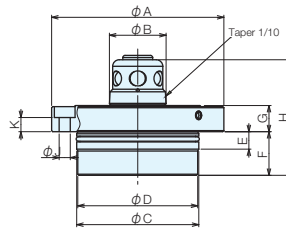
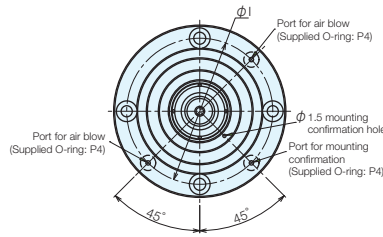
Q-Lock Elements Pins

(Pneumatic Type Single Action)

Material Main body: SU S440C

Heat Treatment Main body: HRC55 heat treatment

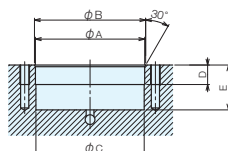
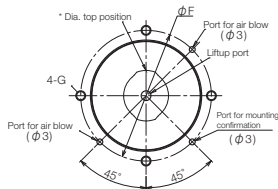
- With air blow and mounting confirmation
- Vertical MC for light cutting
- Since a spring is used for clamping and air is used only for unclamping, pipes can be disconnected while machining.
- A system can be built easily by using the air pipes within a factory.



Specifications and Prices

Type	Order No.	No.	A	B	C h5	D	E	F	G ± 0.005	H	I	J	K	Weight (kg)
Locating Pin	125742	QLA19SRP	72	19	51	50	8	18	10	44	62	4.5	5.5	0.55
	125751	QLA26SRP	79	26	56	55	8	20	12	53	67	5.5	6.6	0.71
	125761	QLA32SRP	92	32	66	65	8	20	14	59	78	7	7.5	1.07
Dia. Pin	125743	QLA19SDP	72	19	51	50	8	18	10	44	62	4.5	5.5	0.55
	125752	QLA26SDP	79	26	56	55	8	20	12	53	67	5.5	6.6	0.71
	125762	QLA32SDP	92	32	66	65	8	20	14	59	78	7	7.5	1.07
Clamp Pin	125744	QLA19SCP	72	17.8	51	50	8	18	10	44	62	4.5	5.5	0.55
	125753	QLA26SCP	79	24	56	55	8	20	12	53	67	5.5	6.6	0.71
	125763	QLA32SCP	92	30	66	65	8	20	14	59	78	7	7.5	1.07

Mounting Dimensions



Use either one of the air blow ports 1 shown in the diagram.

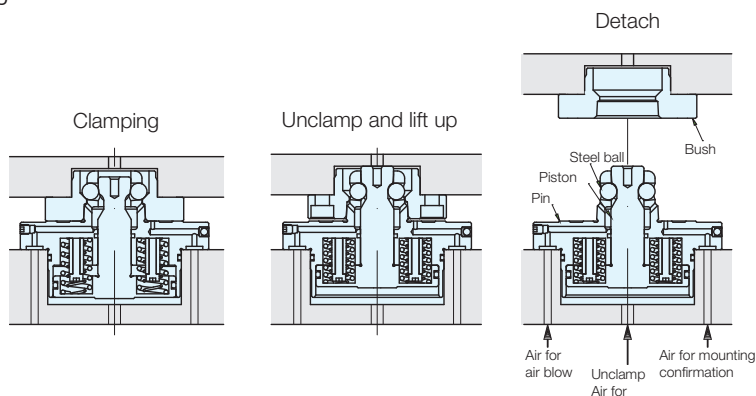
No.	A H7	B	C	D	E+0.30	F	G
QLA19S	51	52	50.5	10	21	62	M4
QLA26S	56	57	55.5	10	23	67	M5
QLA32S	66	67	65.5	10	23	78	M6

* The relationship between the dia. pin top position and the tap hole is as shown in the diagram. Machine the tap holes and port holes according to the direction of the dia. pin.

■ Specifications

Drive Method	Clamping	Spring		
	Unclamping	Pneumatic		
No.		QLA19 S	QLA26 S	QLA32 S
Clamping Force (kN) (at 0.5 MPa)		1	1.5	2.1
Liftup Force (kN) (at 0.5 MPa)		0.23	0.29	0.47
Clamp Stroke (mm)		4	4.5	5
Amount of Lift Up (mm)		1		
Cylinder Volume (cm ³)	Clamp Side	-	-	-
	Unclamp Side	6.8	9.4	14
Maximum Usage Pressure (MPa)		1		
Minimum Usage Pressure (MPa)		0.4		
Guaranteed Withstand Pressure (MPa)		1.5		
Recommended Air Blow Pressure (MPa)		0.5		
Used Fluid		Dry Air		
Ambient Operating Temperature (°C)		0-65		
Weight (kg)		0.55	0.71	1.07

■ Section Drawing



Jig Set-up Systems
(Q-lock)

Base Elements

Clamp Units

Clamping Parts

Mechanical Parts

Machine Vises

Surface Plates and
Measurement Instruments

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